

ORKUSTOFNUN
Jarðhitadeild

HITAMÆLINGAR Í BORHOLUM 1971.

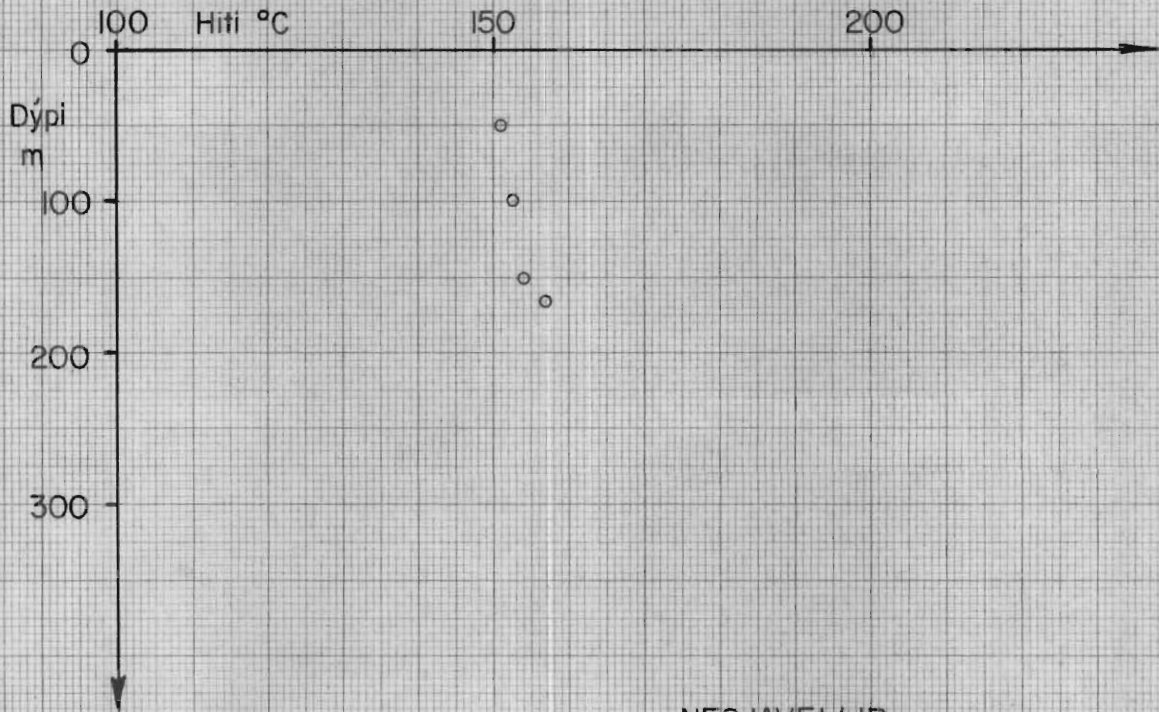
Sigurður Harðarson

Sept. 1972.

Efnisyfirlit

Arnessýsla	Grafningshreppur	Nesjavellir
"	Grímsneshreppur	Ásgarður
"	"	Ormsstaðir
"	Ölfushreppur	Árbar
"	"	Riftún
"	"	Sogn
"	"	Ölfusborgir
"	"	Öxnalækur
Borgarfj.sýsla	Hvalfjarðarstr.hr.	Ferstikla
Eyjafjarðarsýsla	Dalvík	
"	Glæsibæjarhreppur	Laugaland
"	Hrafnagilshreppur	Hrafnagil
"	Hrísey	
"	Ólafsfjörður	
Gullbringu- og Kjósarsýsla	Grindavíkurrh.	Reykjanes
"	Hafnarhreppur	Reykjanes
"	Kjalarneshr.	Hrafnhólar
"	"	Tröllafoss
"	"	Þverá
"	Krísuvík	Trölladyngjusvæði
"	Mosfellshreppur	N-Reykir
"	"	S-Reykir
Húnavatnssýsla	Hvammstangi	
Mýrarsýsla	Borgarhreppur	Borg
"	Stafholtstungnafr.Varmaland	
Reykjavík		
Siglufjörður		
Snafellsnessýsla	Staðarsveit	Tröð
S-Þingeyjarsýsla	Skútustaðahr.	Námafjall

Hitamælingar í borholum.



NESJAVELLIR

Hola 3

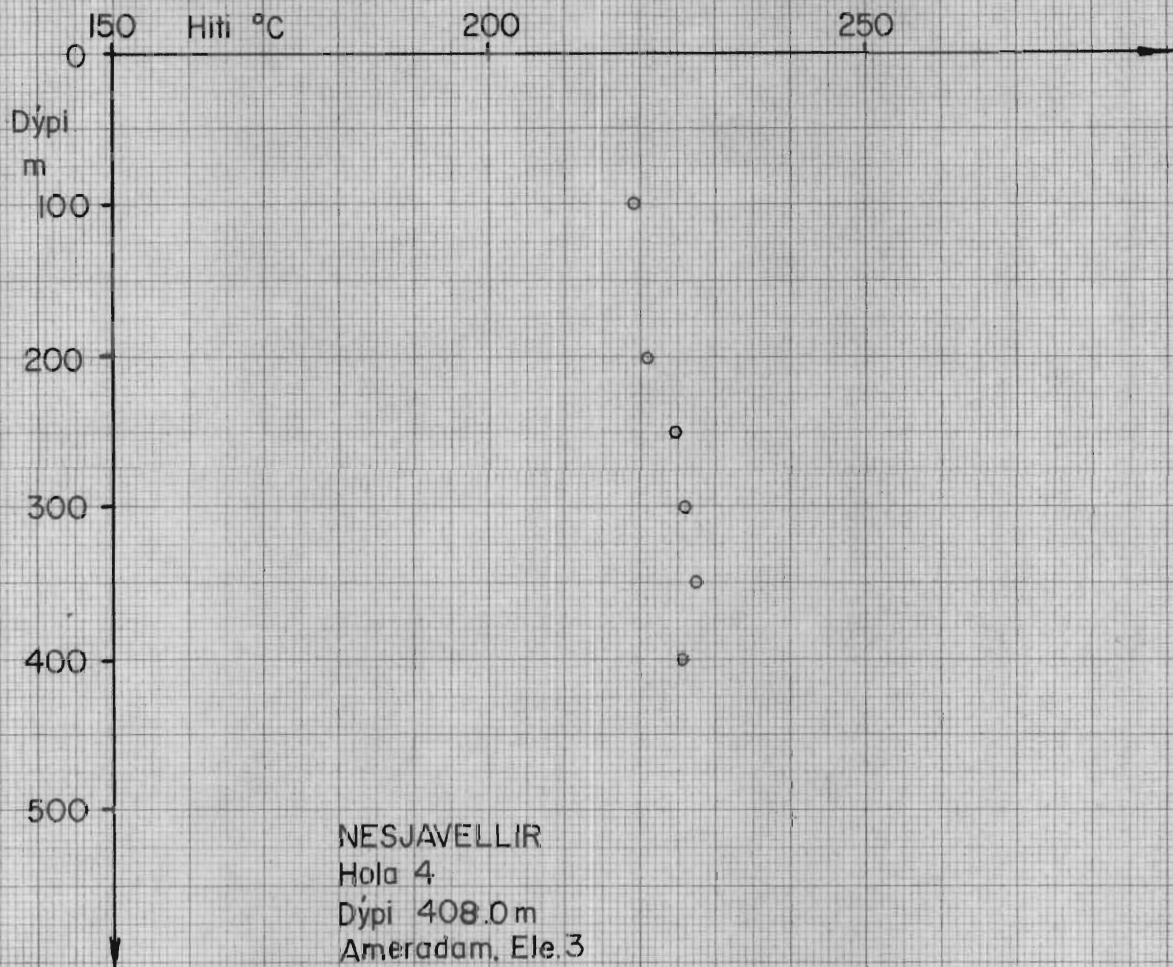
Dýpi 836.0 m

Holan hrunin í 166-168 m dýpi

Ameradam. Ele.nr. 2

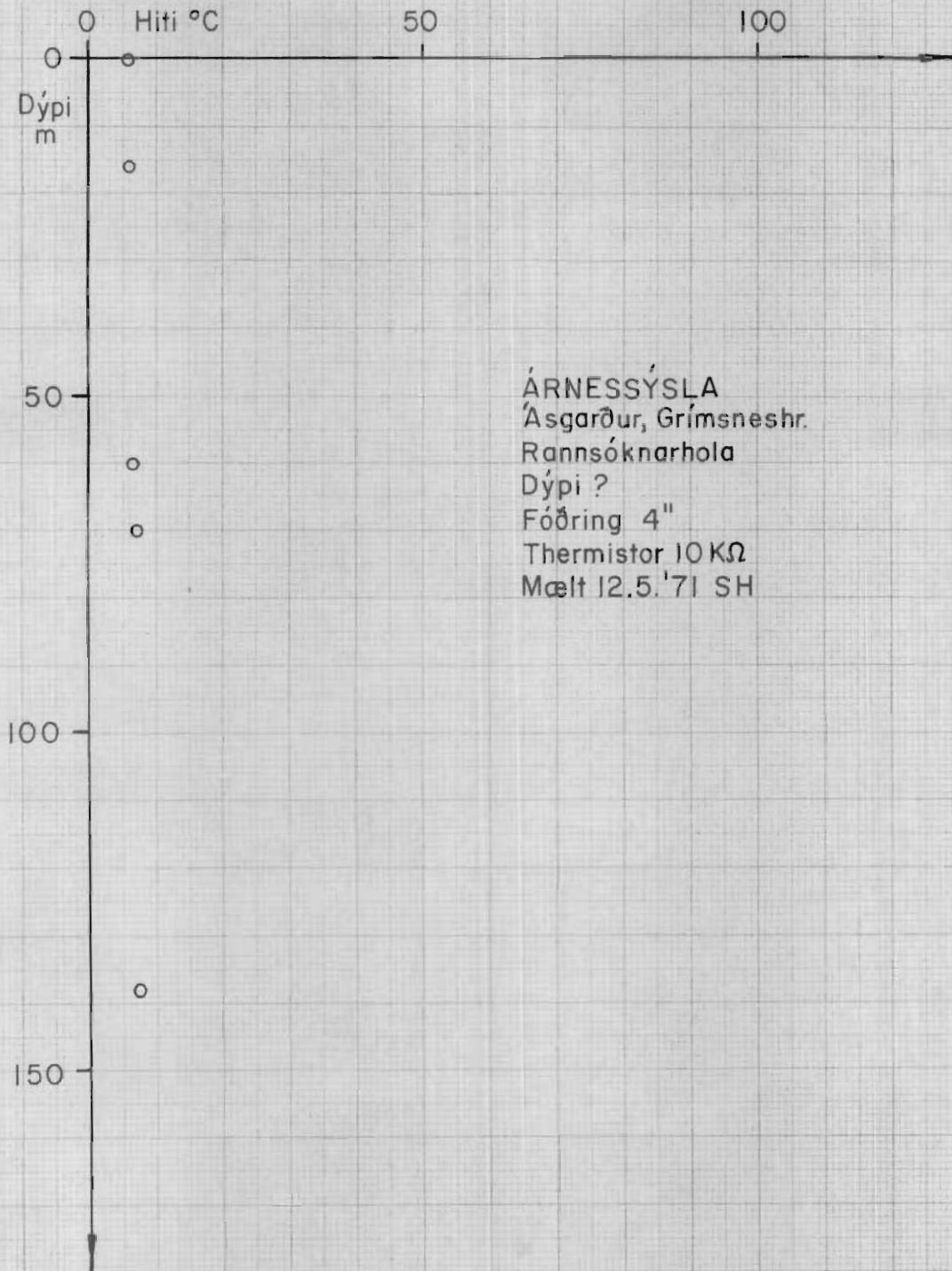
Mæld 4.10.71 SH

Hitamælingar í borholum.



NESJAVELLIR
Hala 4
Dýpi 408.0m
Ameradam, Ele.3
Mæld 4.10.71 SH

Hitamælingar í borholum

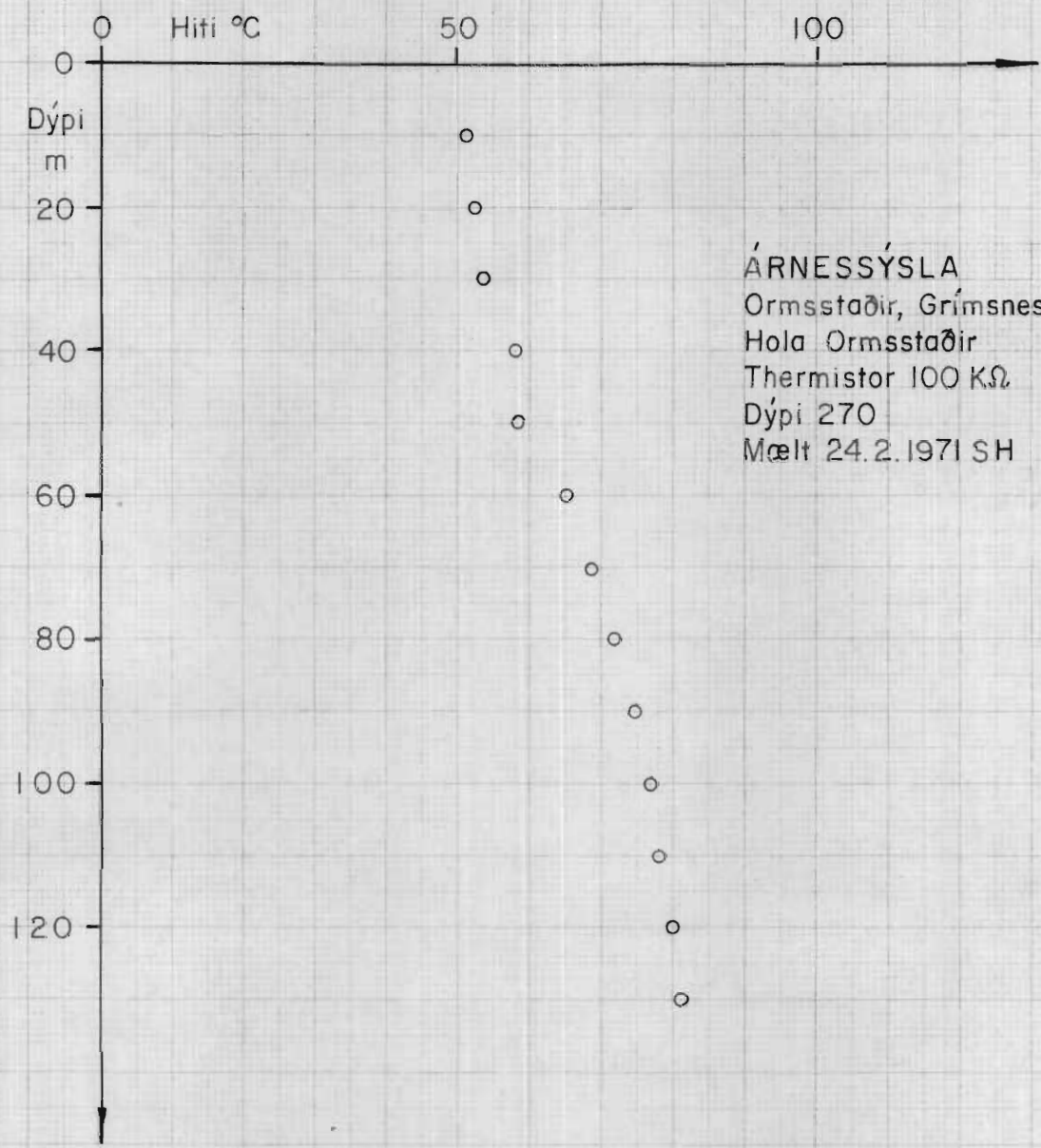


ÁRNESSÝSLA
Ásgarður, Grímsneshr.
Rannsóknarhola
Dýpi ?
Fóðring 4"
Thermistor 10 K Ω
Mælt 12.5.'71 SH

SIS 73.25.01 x 523 A4 x 1 x 1 mm



Hitamælingar í borholum

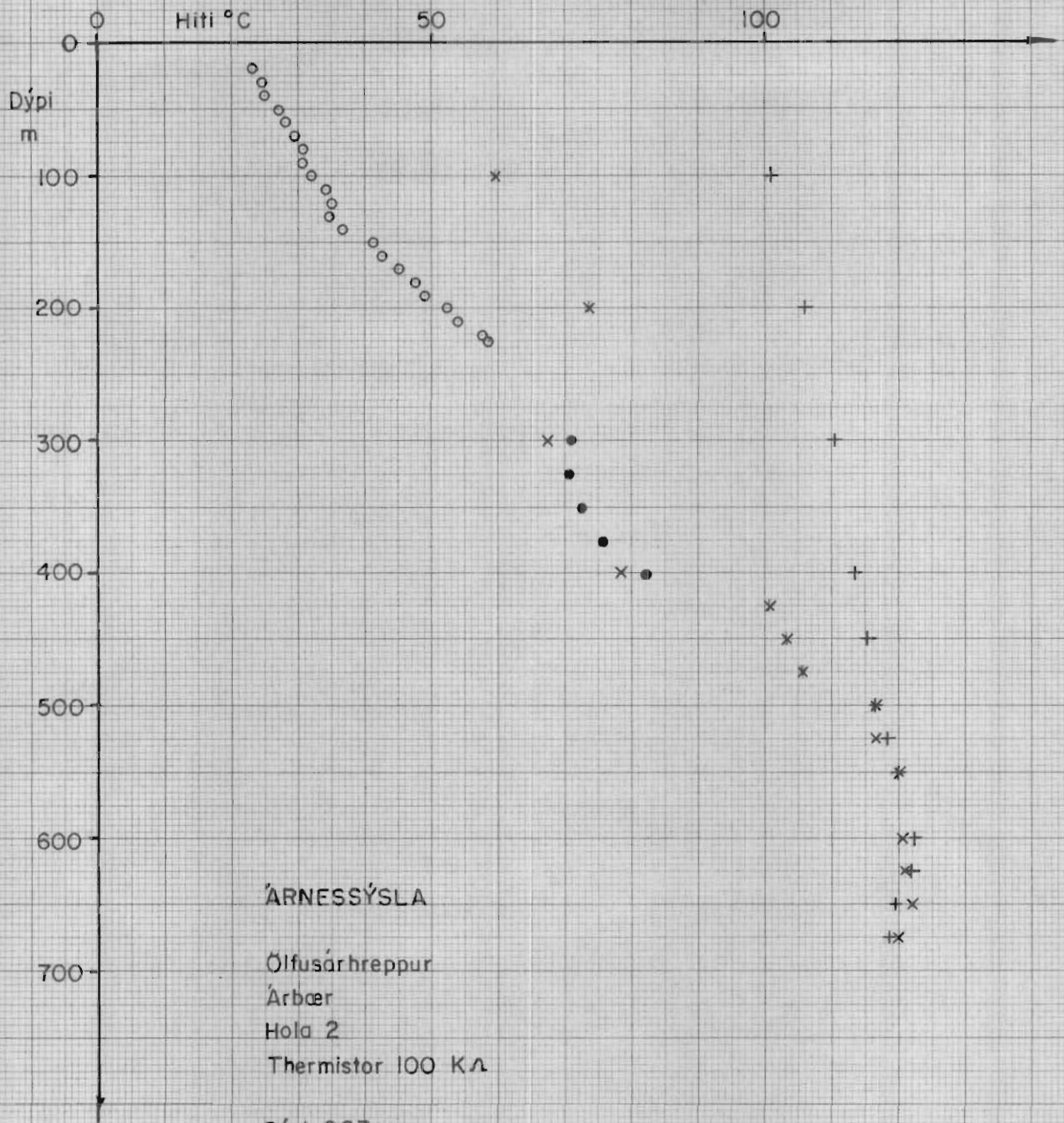


ÁRNESSÝSLA
Ormsstaðir, Grímsneshr.
Hala Ormsstaðir
Thermistor 100 KΩ
Dýpi 270
Mælt 24.2.1971 SH

73 25 01 - 521 24 m



Hitamælingar í borholum



ÁRNESSÝSLA

Ölfusárhreppur

Árbær

Hola 2

Thermistor 100 KΩ

Dýpi 223 m

○ Mæld 28.3.71

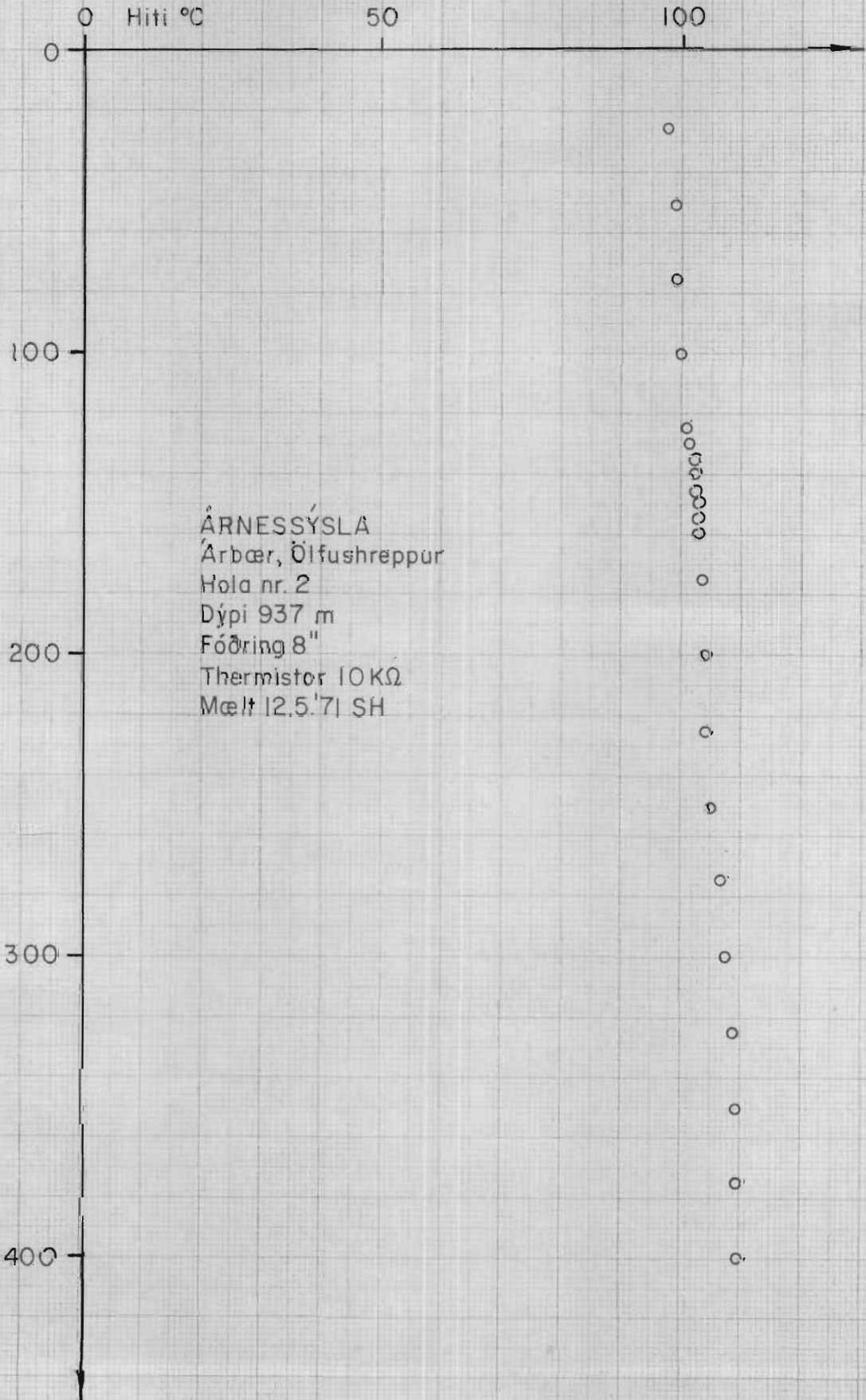
● Mælt á uppleið

Dýpi 685 m

+ Mæld 15.4.71 kl.13

x Mæld 15.4.71 kl.19 SH

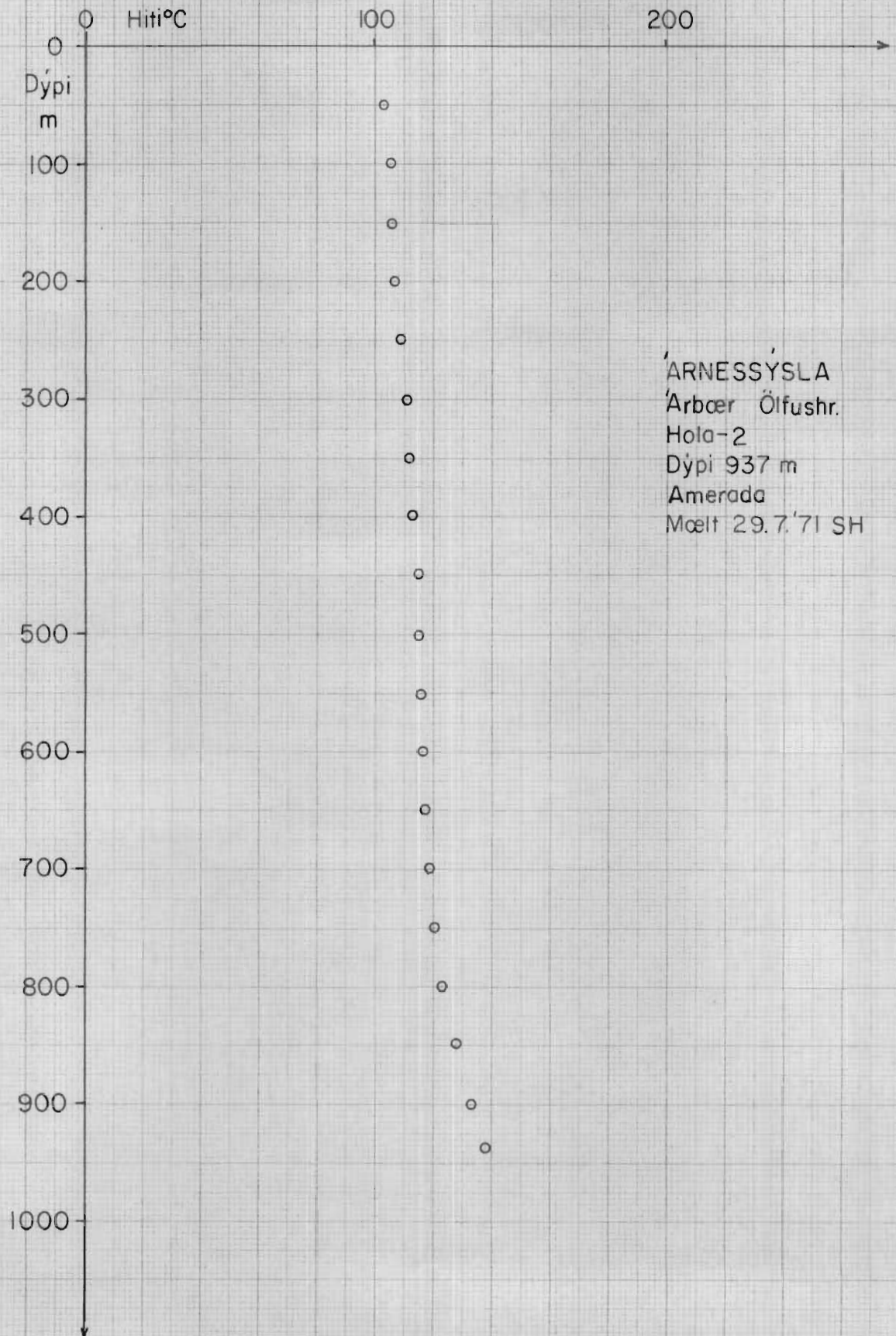
Hitamælingar í borholum



ÁRNESSÝSLA
Árbær, Ölfushreppur
Hóla nr. 2
Dýpi 937 m
Fóðring 8"
Thermistor 10KΩ
Mælt 12.5.71 SH

73 25 01 - 523 A4 - 1 X 1 mm

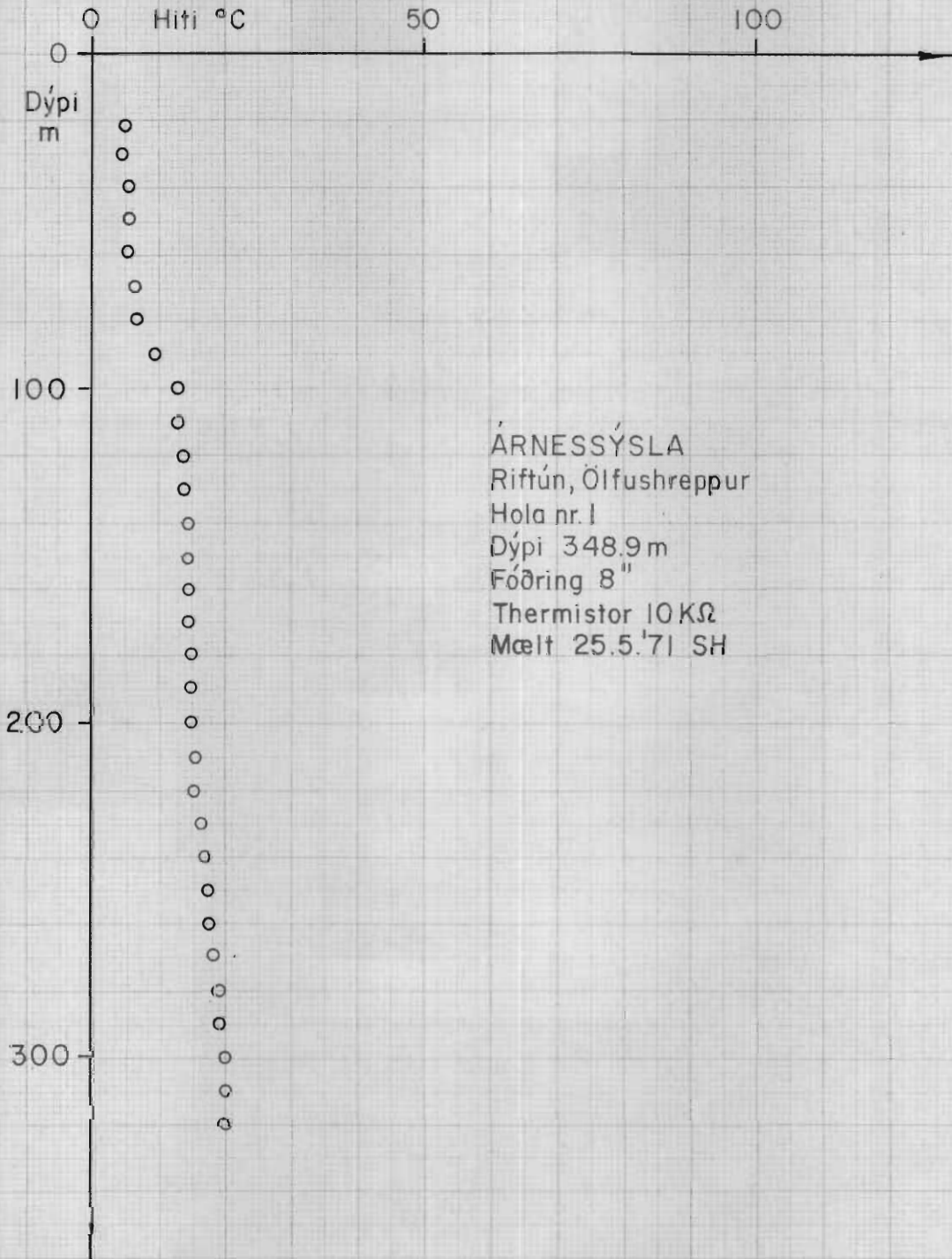
Hitamælingar í borholum



ARNESSÝSLA
Arbær Ölfushr.
Hala-2
Dýpi 937 m
Amerada
Mælt 29.7.'71 SH

73 23 01 - 523 A4 - 1 x 1 mm

Hitamælingar í borholum

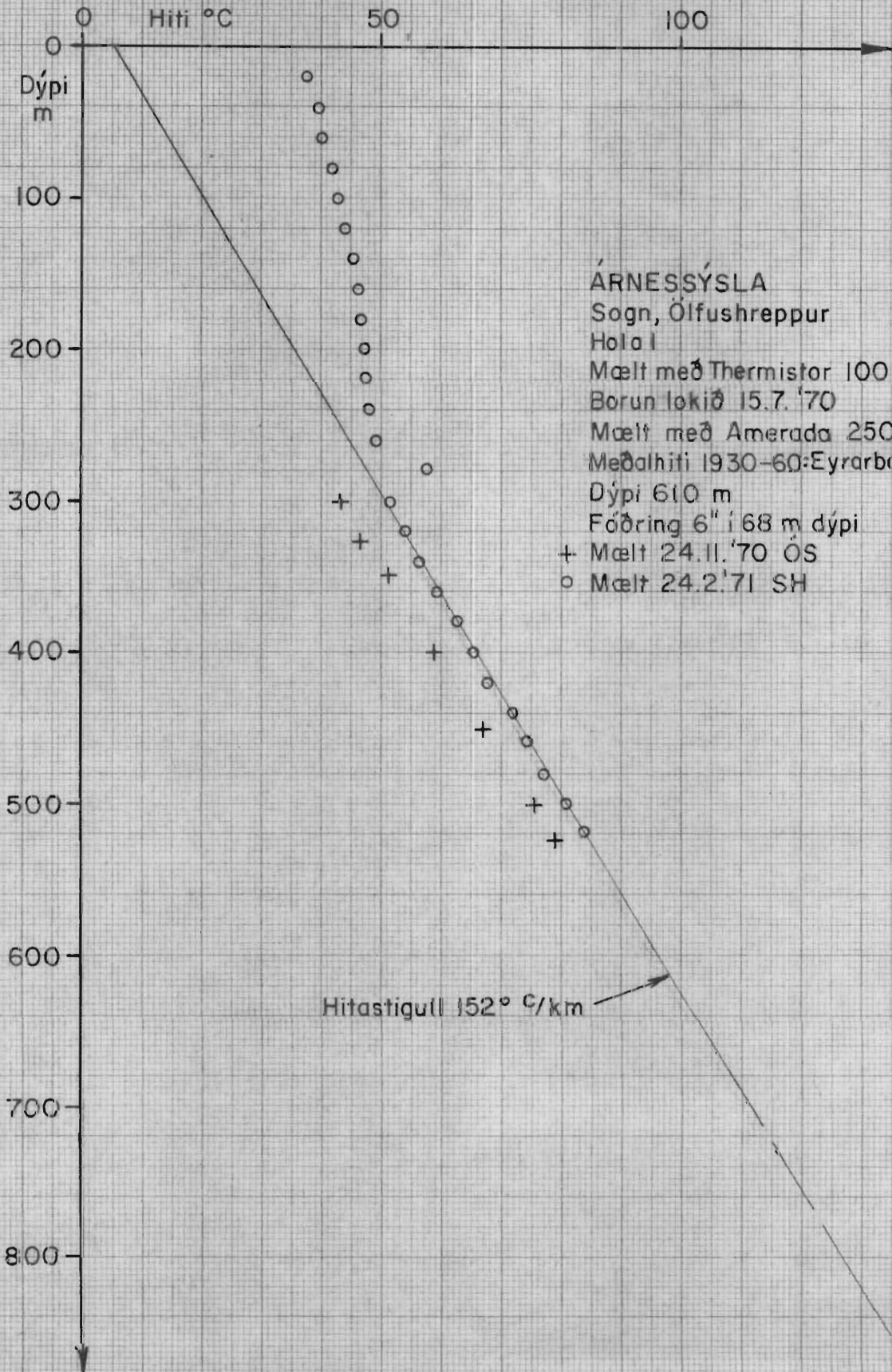


ÁRNESSÝSLA
Riftún, Ölfushreppur
Hola nr. 1
Dýpi 348.9 m
Fóðring 8"
Thermistor 10K Ω
Mælt 25.5.71 SH

73 25 01 - 523 A4 - 1 x 1 mm



Hitamælingar í borholum

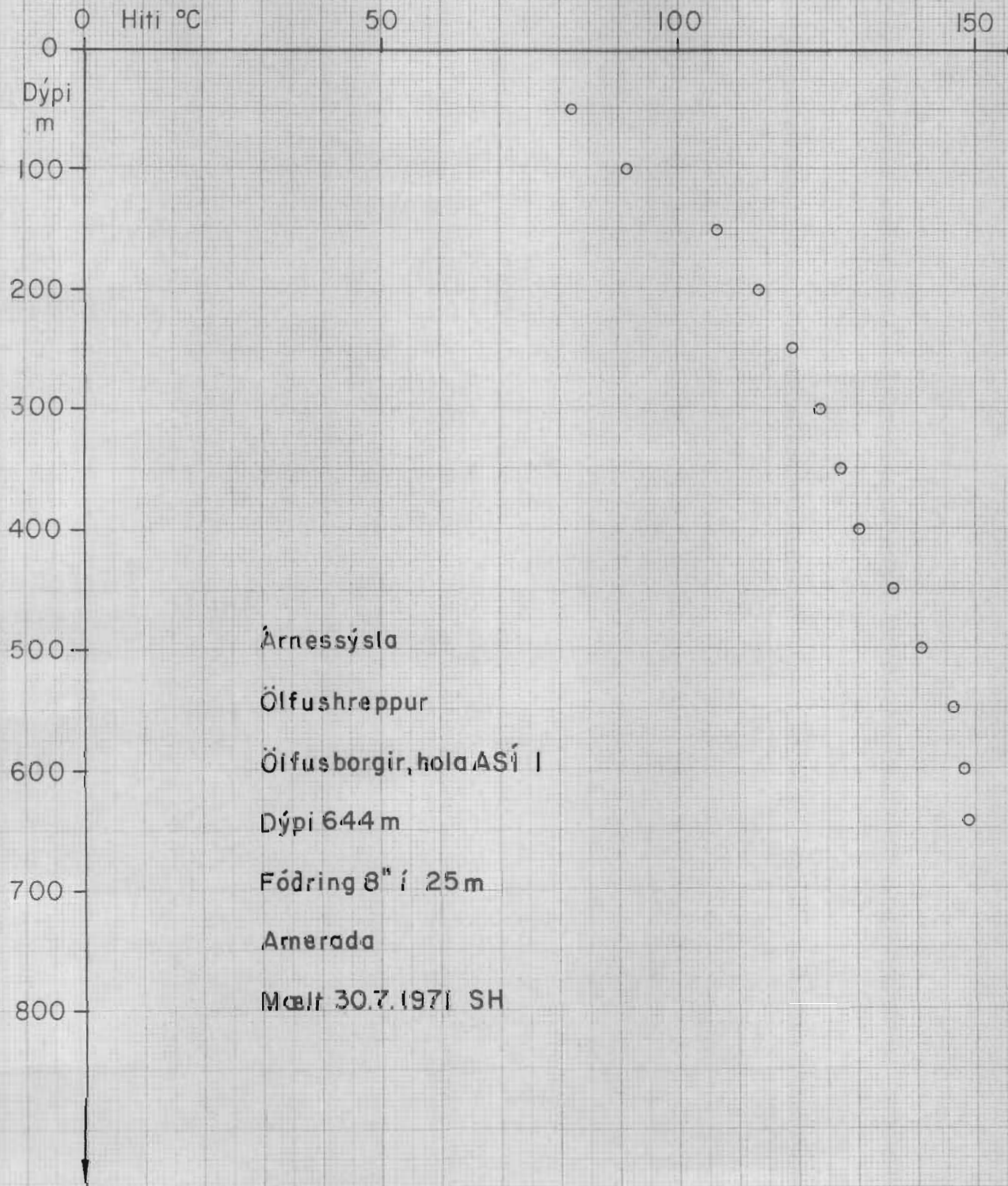


ÁRNESSÝSLA
Sogn, Ölfushreppur
Hólal
Mælt með Thermistor 100 K Ω
Borun lokið 15.7. '70
Mælt með Amerada 25000
Meðalhiti 1930-60: Eyrarbakki 4,6°C
Dýpi 610 m
Fóðring 6" í 68 m dýpi
+ Mælt 24.11. '70 ÓS
o Mælt 24.2. '71 SH

Hitastigull 152° C/km

73 25 01 - 523 AA - 1 x 1 mm

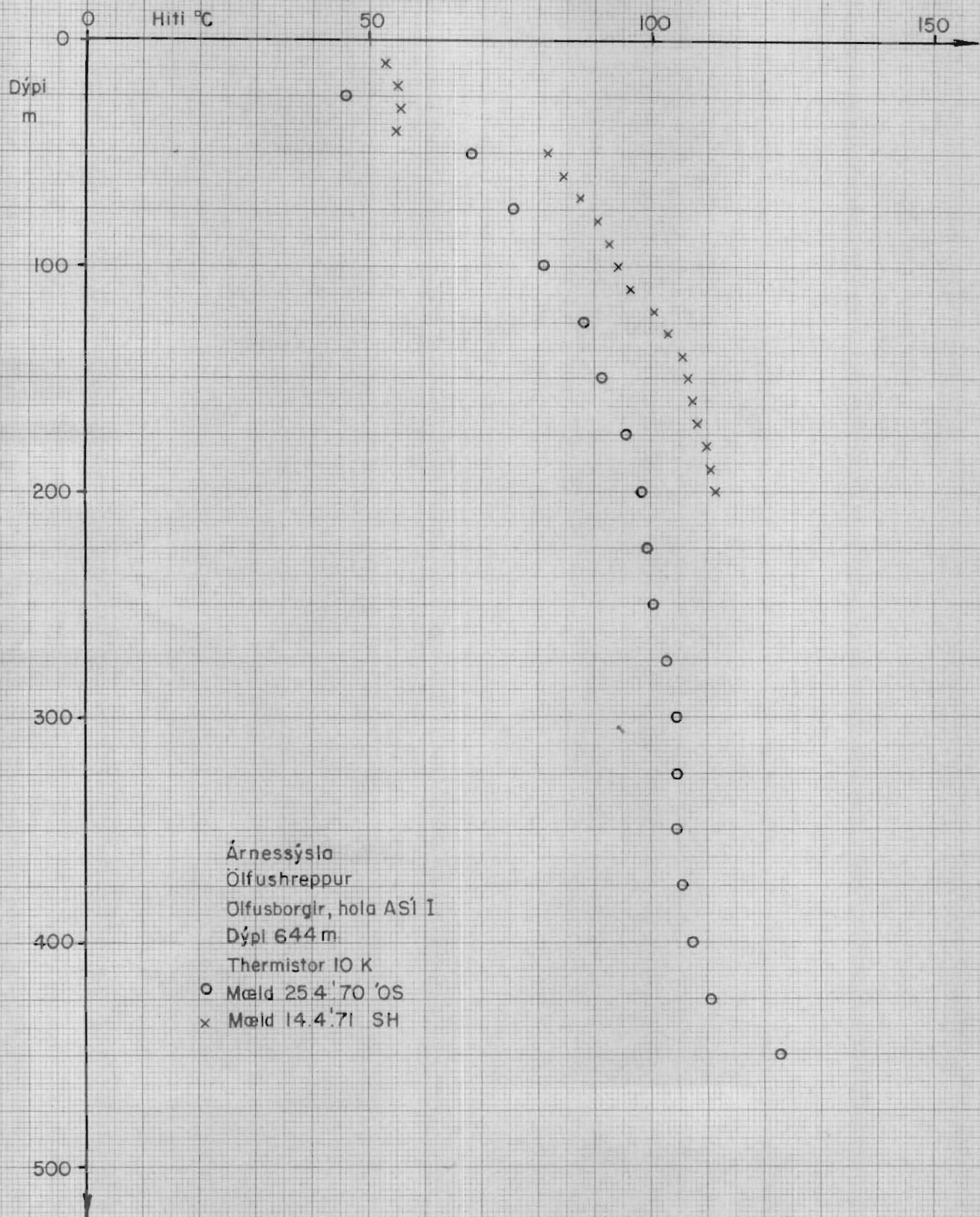
Hitamælingar í borholum



NTS 73-25-01-523 A4-1-1 mm



Hitamælingar í borholum.

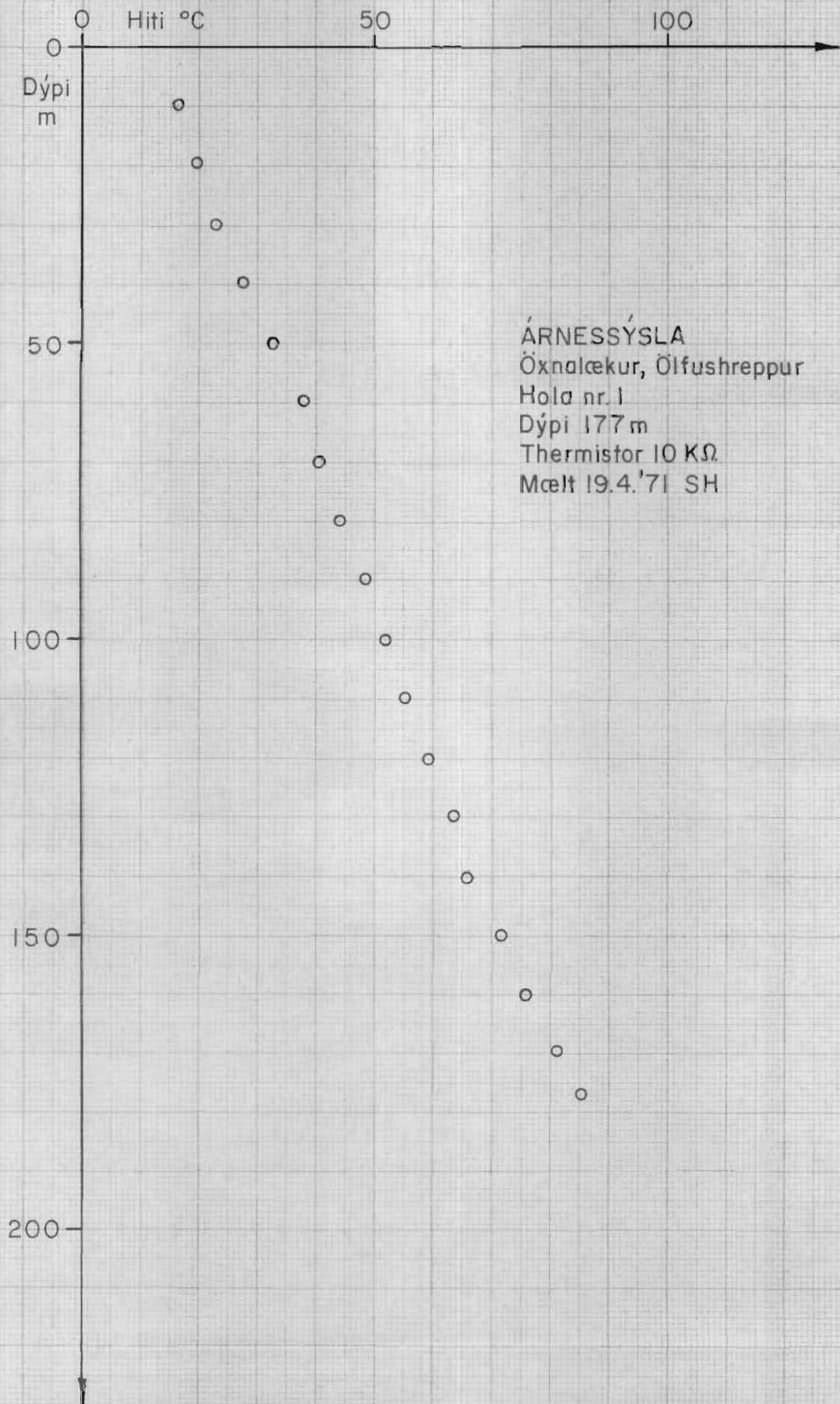


Árnessýsla
Ölfushreppur
Ölfusborgir, hola ASÍ I
Dýpi 644 m
Thermistor 10 K
○ Mæld 25.4.'70 ÓS
× Mæld 14.4.'71 SH

73 25 01 - 303 A1 - 1 x 1 min

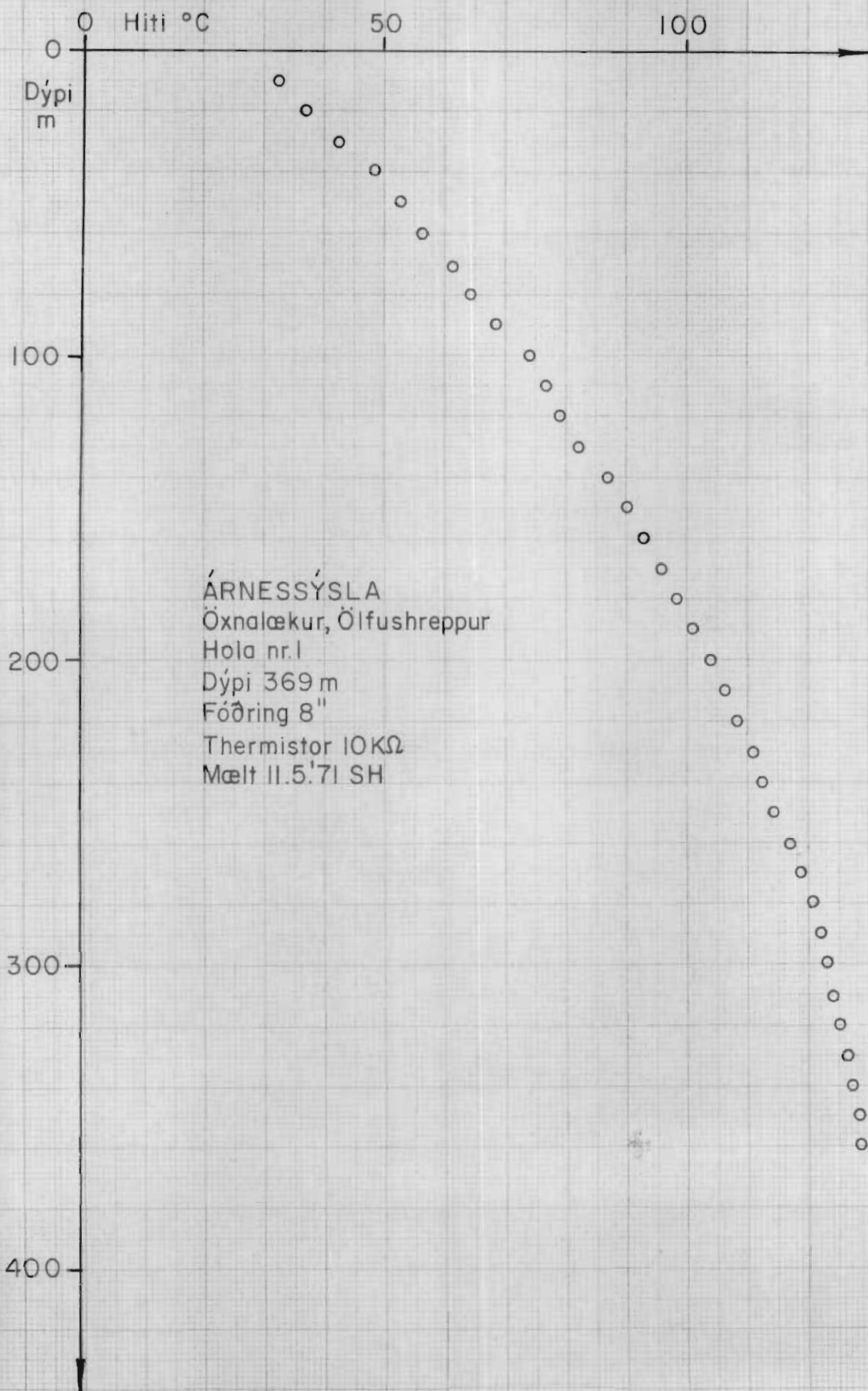


Hitamælingar í borholum



ÁRNESSÝSLA
Öxnalækur, Ölfushreppur
Hola nr. 1
Dýpi 177 m
Thermistor 10 KΩ
Mælt 19.4.'71 SH

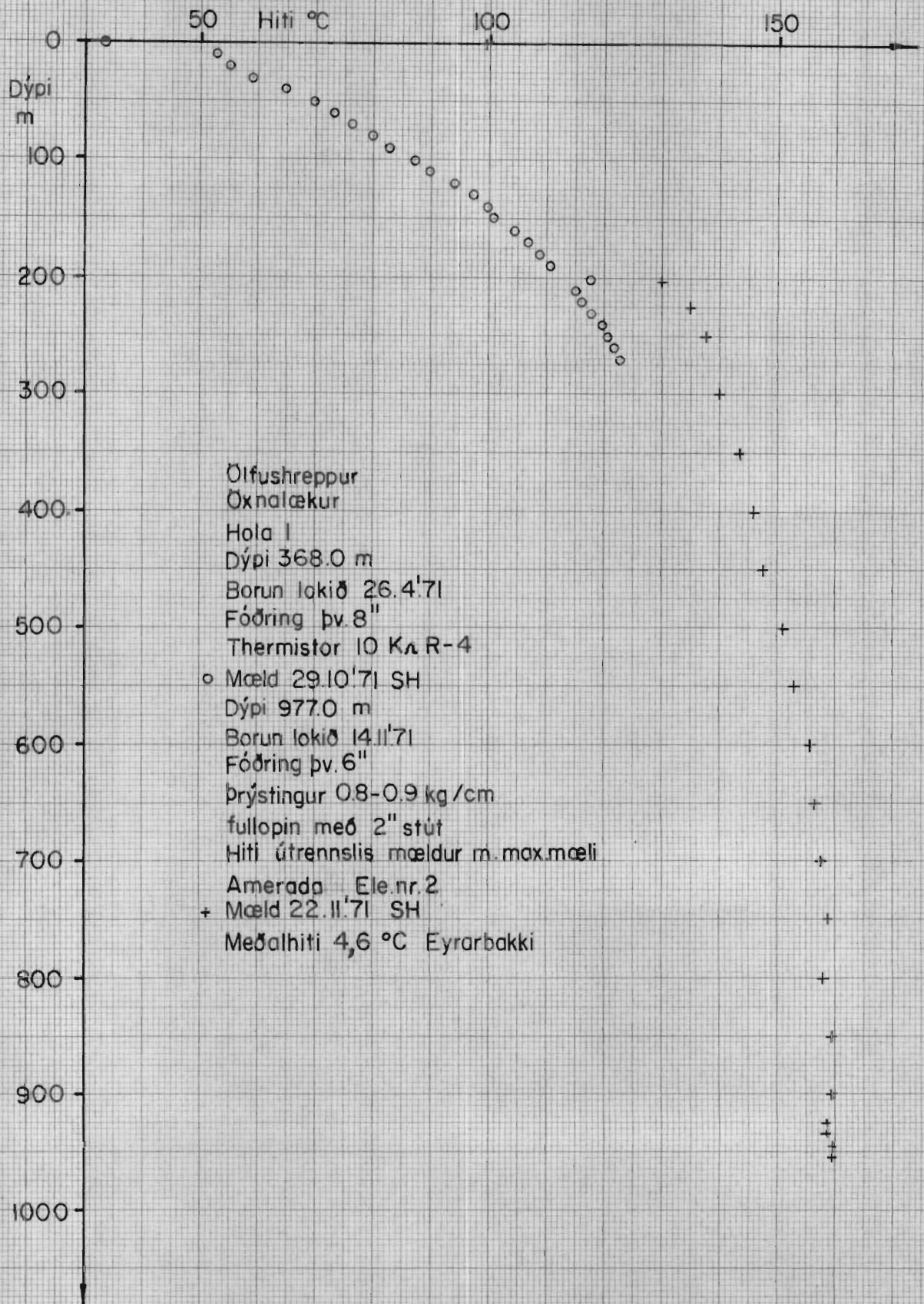
Hitamælingar í borholum



ÁRNESSÝSLA
Öxnalækur, Ölfushreppur
Hóla nr.1
Dýpi 369 m
Fóðring 8"
Thermistor 10KΩ
Mælt 11.5.71 SH

7325 01 - 523 A4 - 1 x 1 min

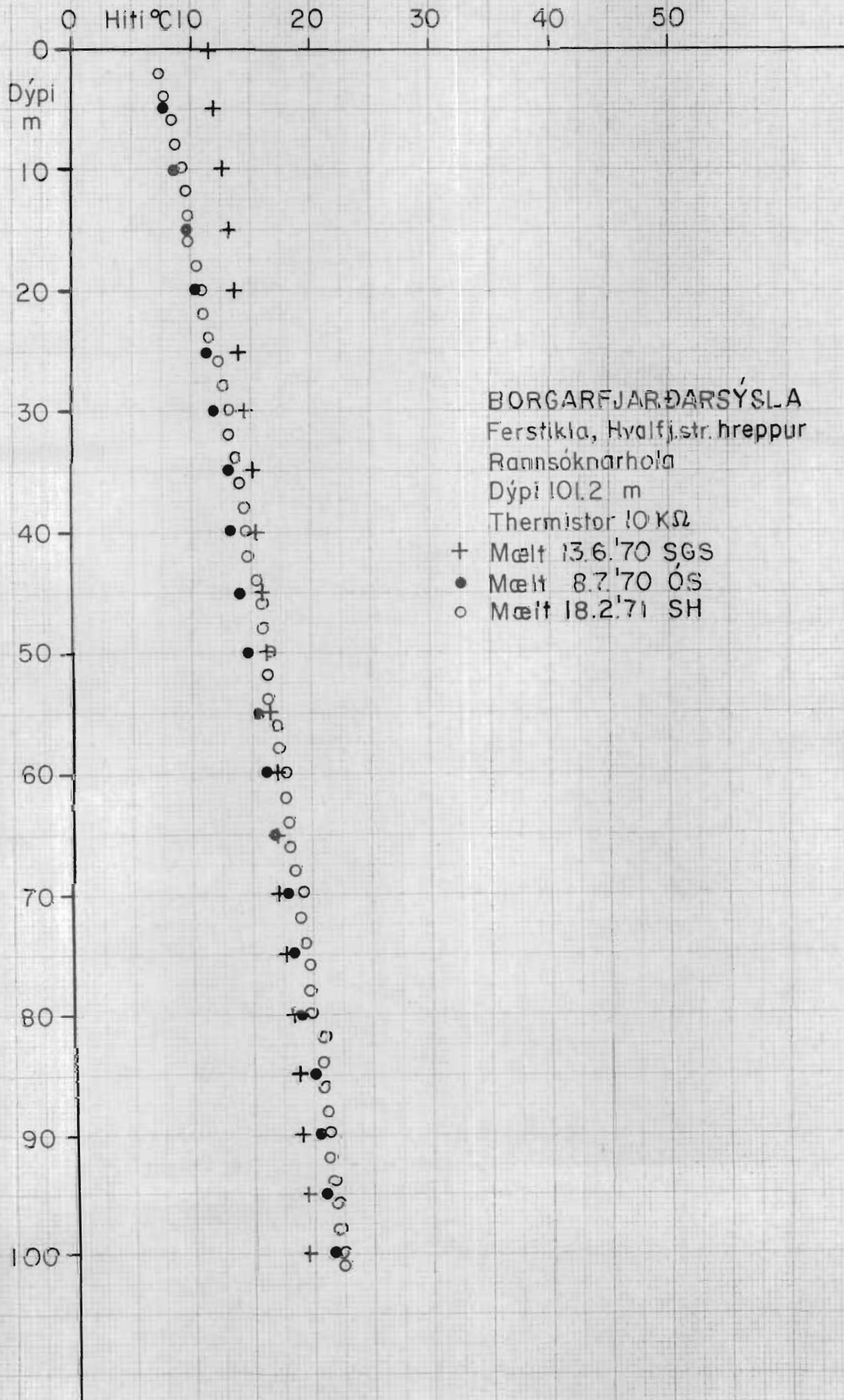
Hitamælingar í borholum.



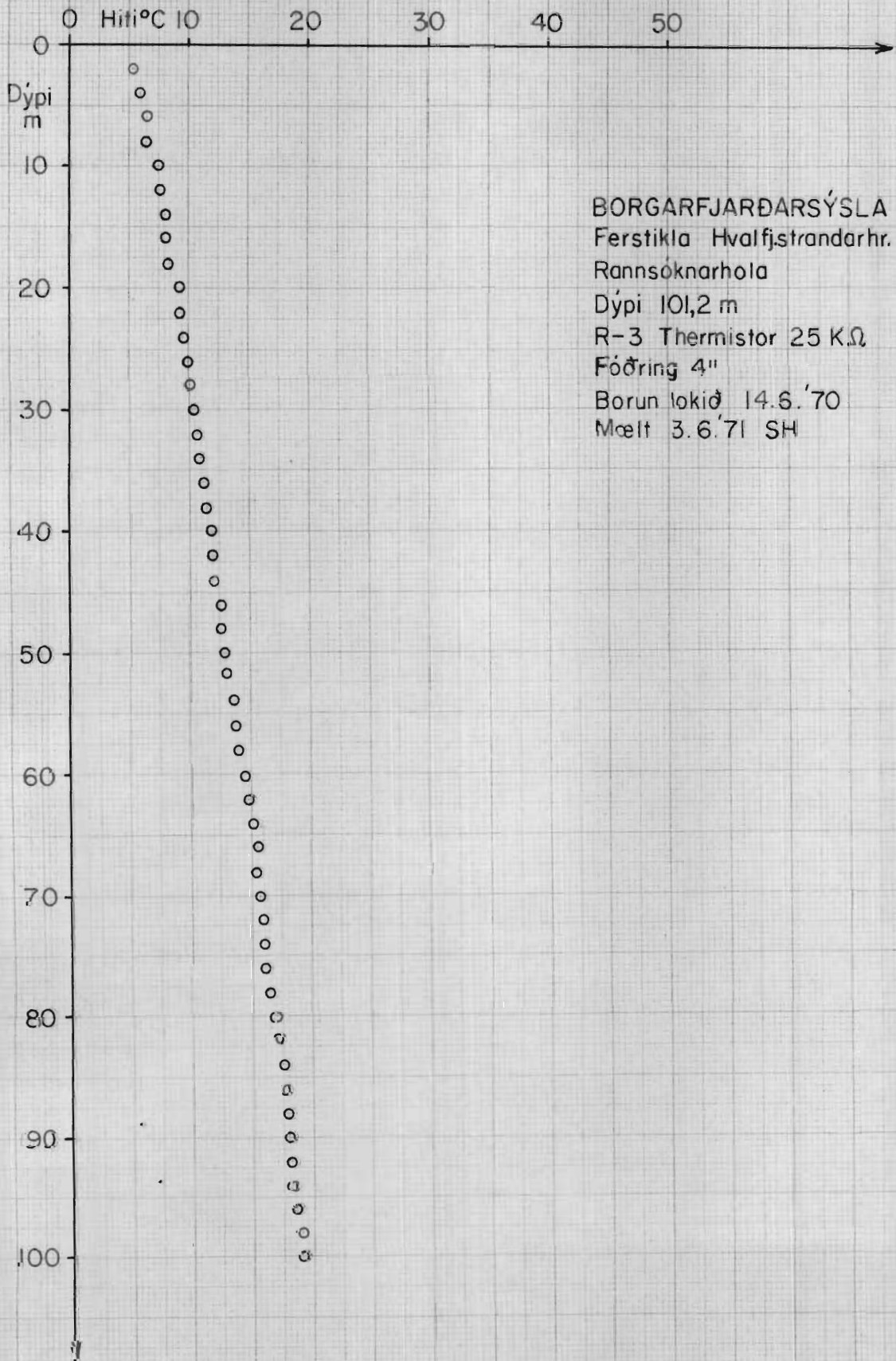
Ölfushreppur
Öxnalækur
Hala I
Dýpi 368.0 m
Borun lokið 26.4.'71
Fóðring þv. 8"
Thermistor 10 K Λ R-4
○ Mæld 29.10.'71 SH
Dýpi 977.0 m
Borun lokið 14.11.'71
Fóðring þv. 6"
Þrýstingur 0.8-0.9 kg/cm
fullopin með 2" stút
Hiti útrenslis mældur m. max.mæli
Amerada Ele.nr.2
+ Mæld 22.11.'71 SH
Meðalhiti 4,6 °C Eyrarbakki



Hitamælingar í borholum



Hitamælingar í borholum

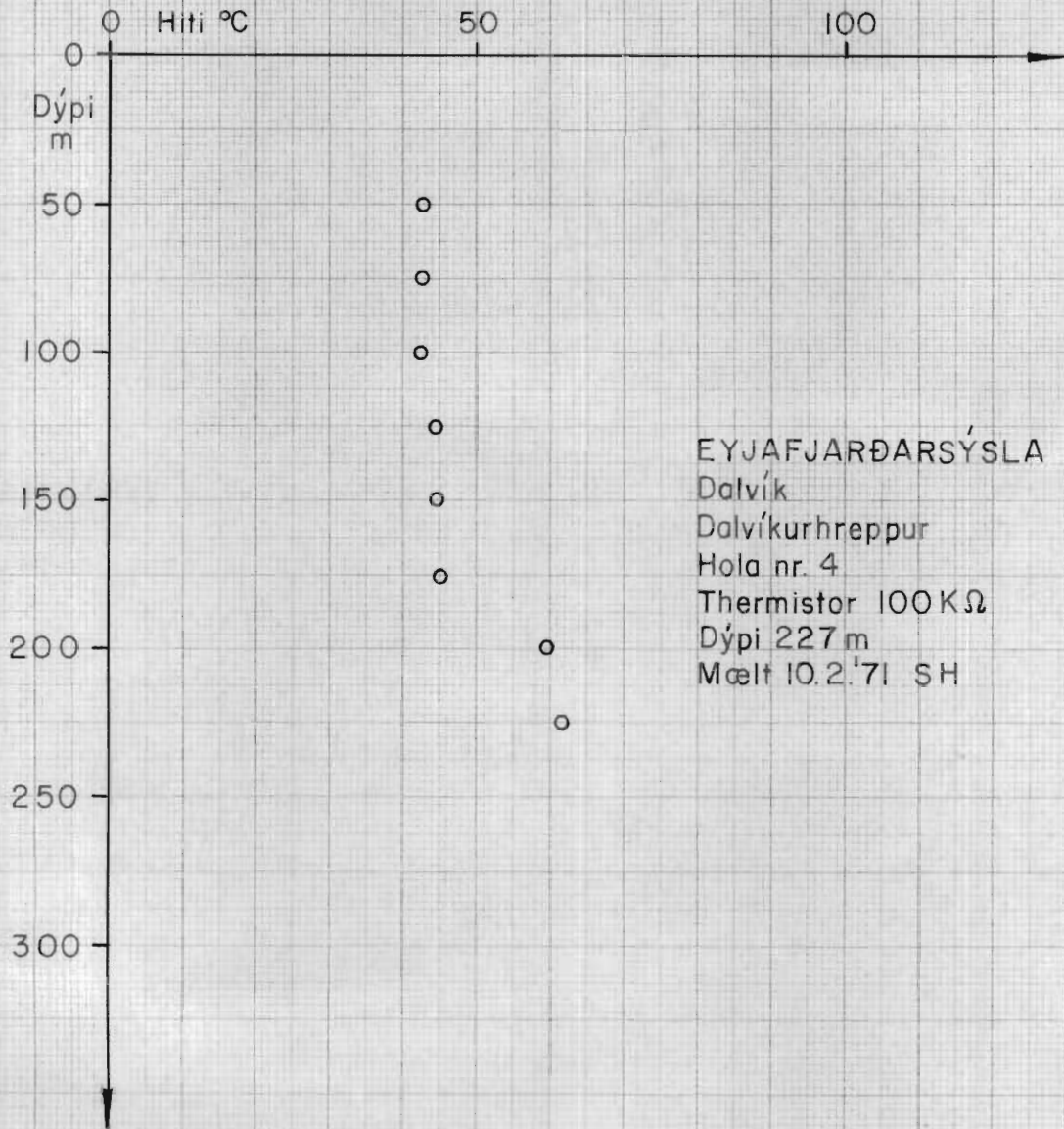


BORGARFJARÐARSÝSLA
Ferstikla Hvalfjstrandarhr.
Rannsóknarhola
Dýpi 101,2 m
R-3 Thermistor 25 K Ω
Fóðring 4"
Borun lokið 14.6.'70
Mælt 3.6.'71 SH

732501-523 A4 - 1 x 1 mm

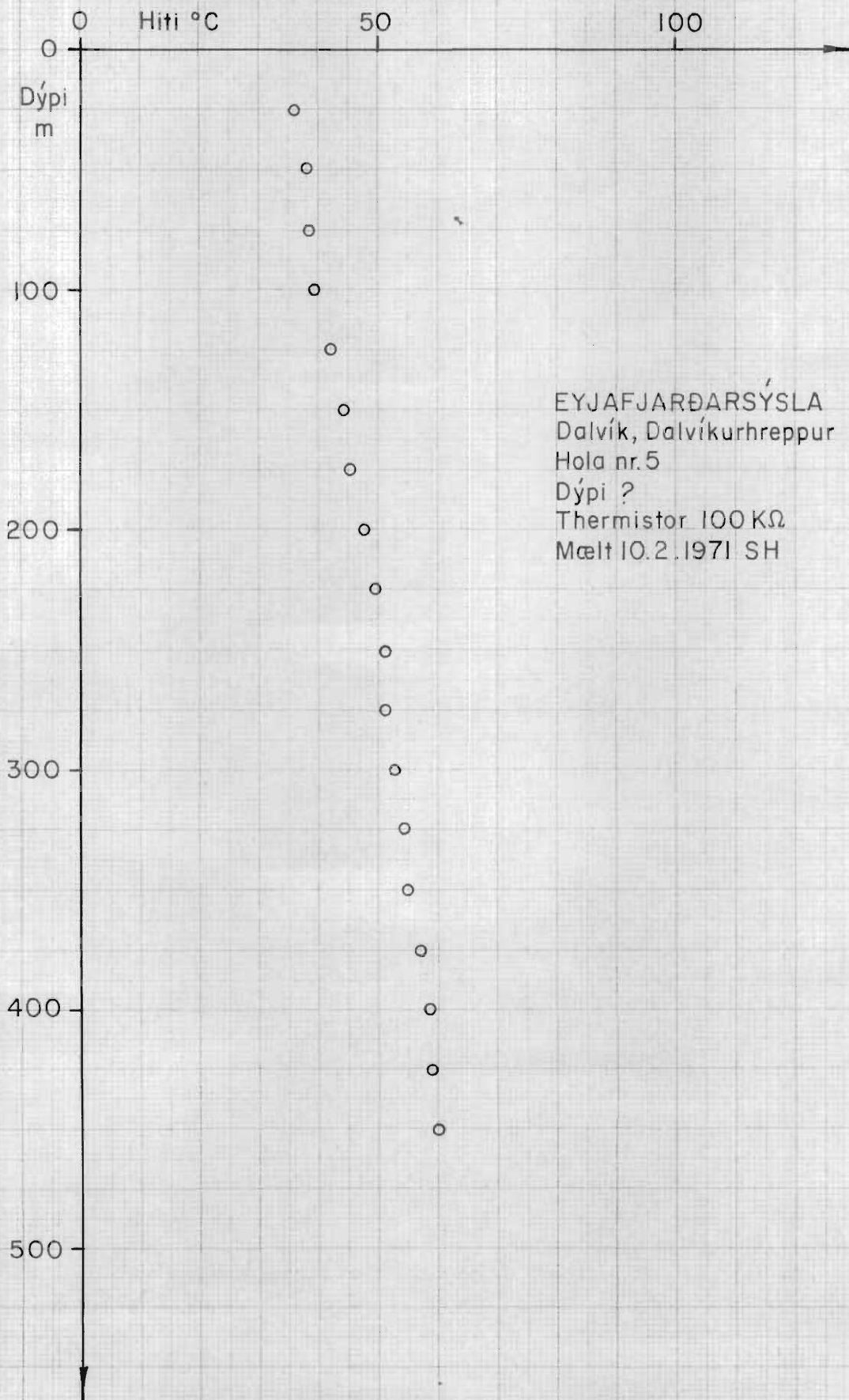


Hitamælingar í borholum





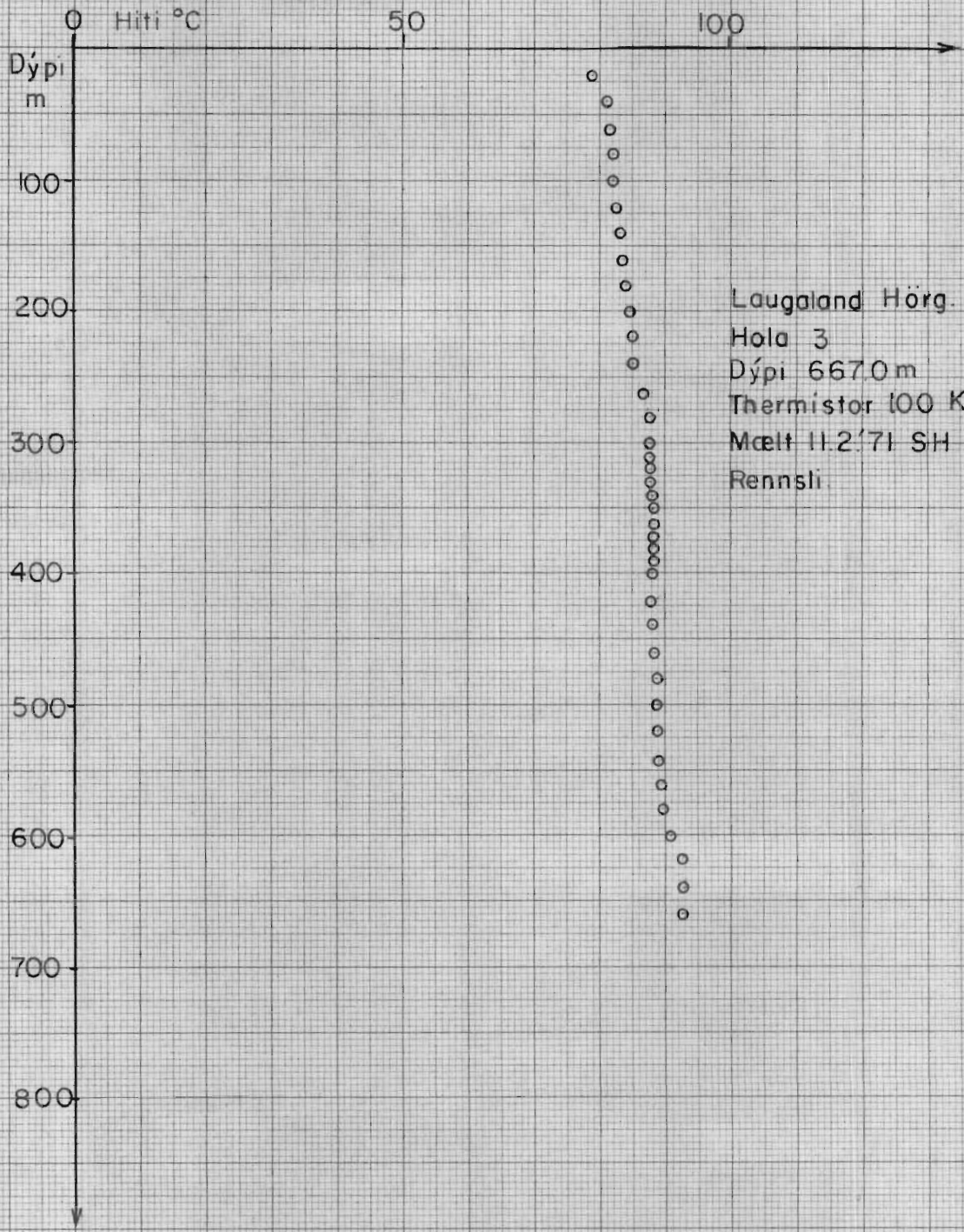
Hitamælingar í borholum



EYJAFJARÐARSÝSLA
Dalvík, Dalvíkurhreppur
Hóla nr.5
Dýpi ?
Thermistor 100 KΩ
Mælt 10.2.1971 SH

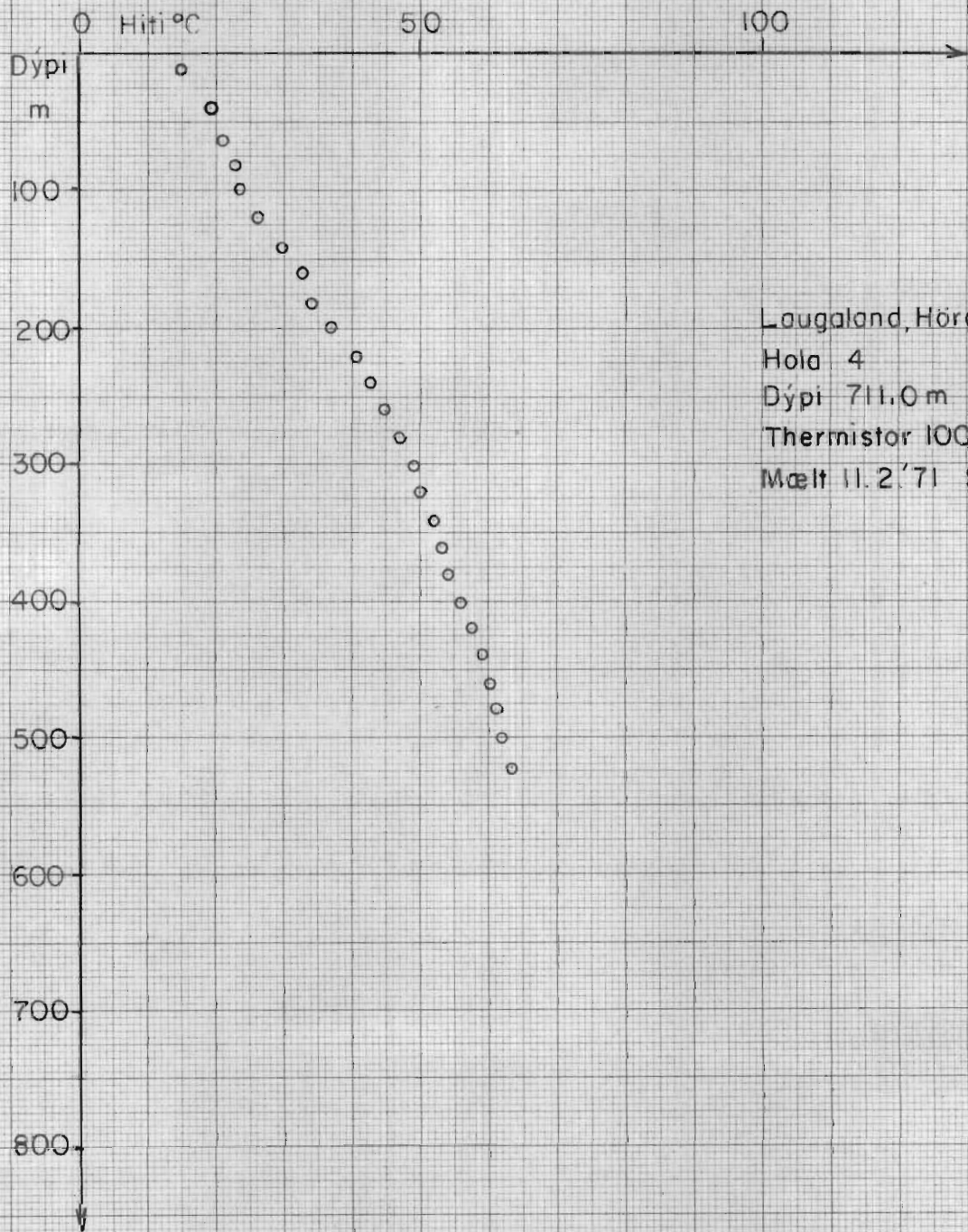
13.5501 - 323 A4 - 1 x 1,000

Hitamæling í borholu



Laugaland Hörg.
Hala 3
Dýpi 667.0 m
Thermistor 100 K Ω
Mælt 11.2.71 SH
Rennsi.

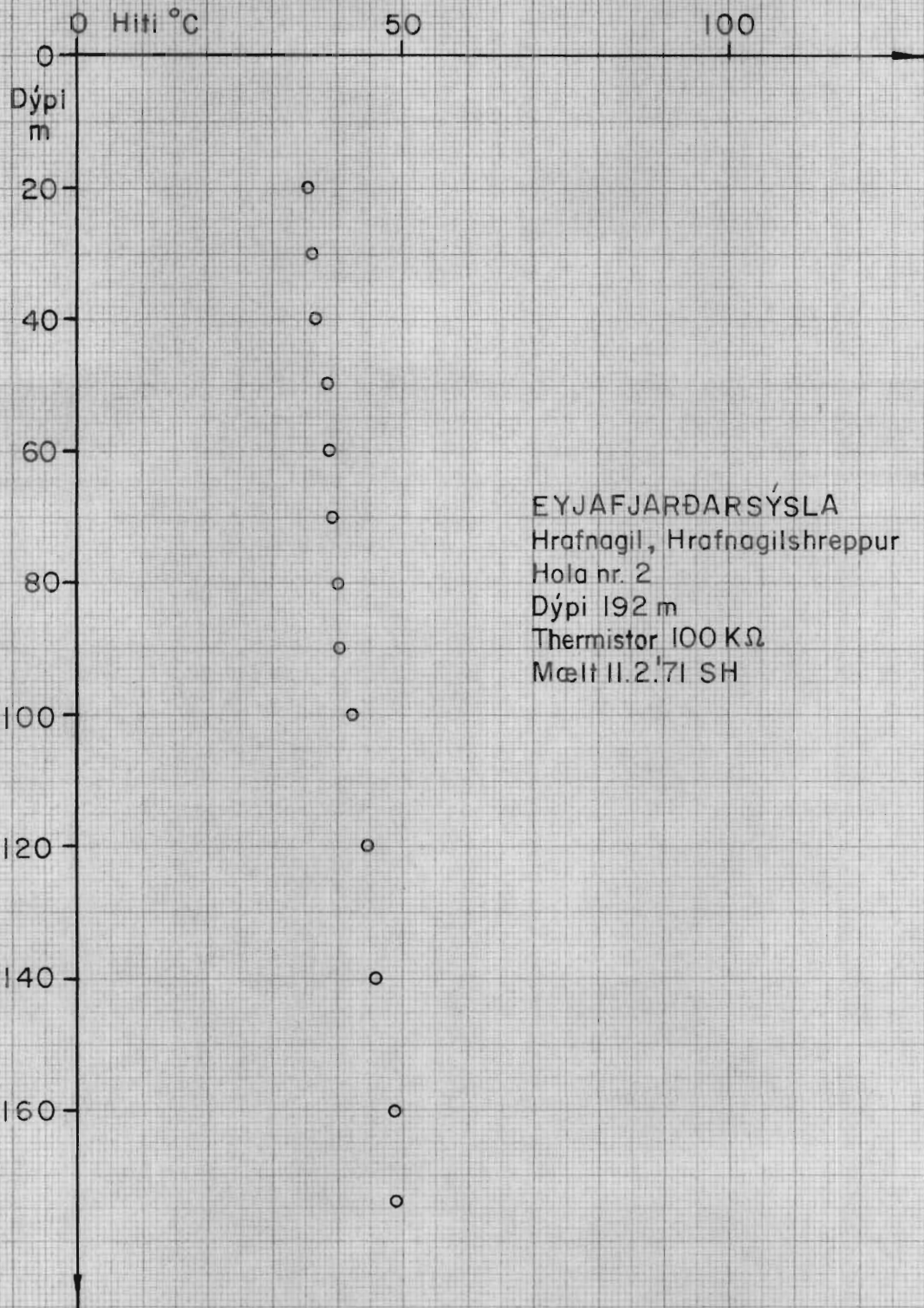
Hitamæling í borholu



Laugaland, Hörg.
Hala 4
Dýpi 711.0 m
Thermistor 100 K Ω
Mælt 11.2'71 SH

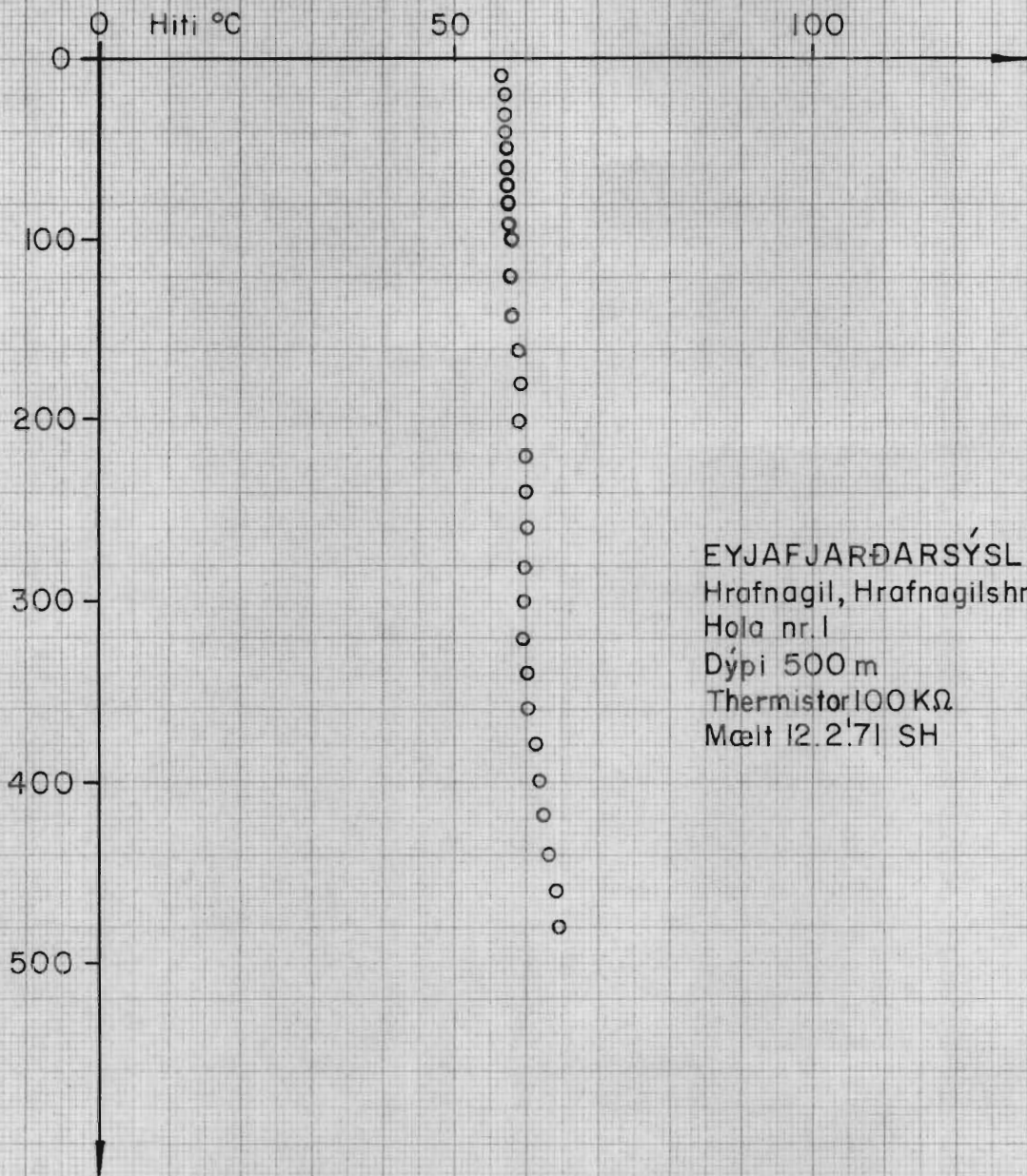


Hitamælingar í borholum





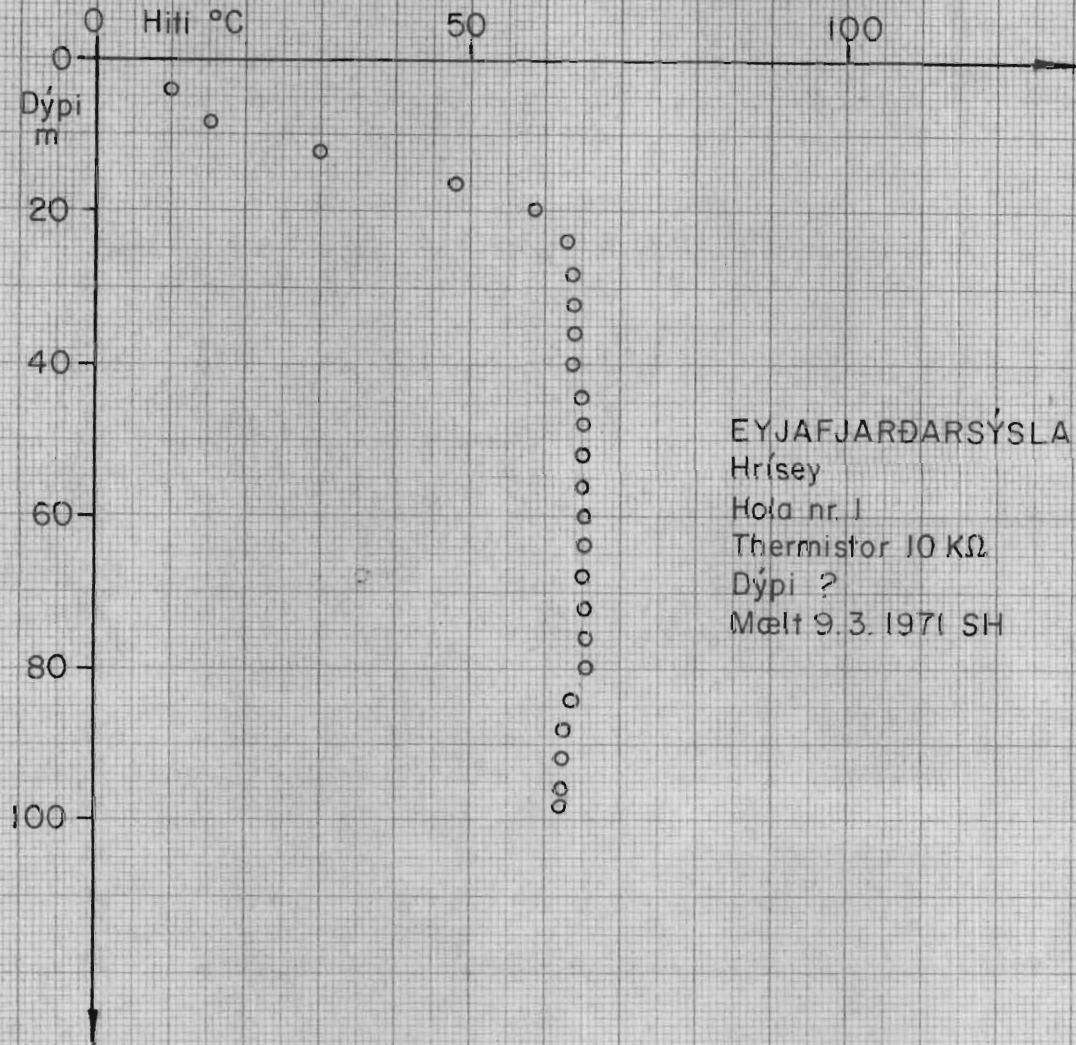
Hitamælingar í borholum



EYJAFJARÐARSÝSLA
Hrafnagil, Hrafnagilshreppur
Hala nr.1
Dýpi 500 m
Thermistor 100 KΩ
Mælt 12.2.71 SH

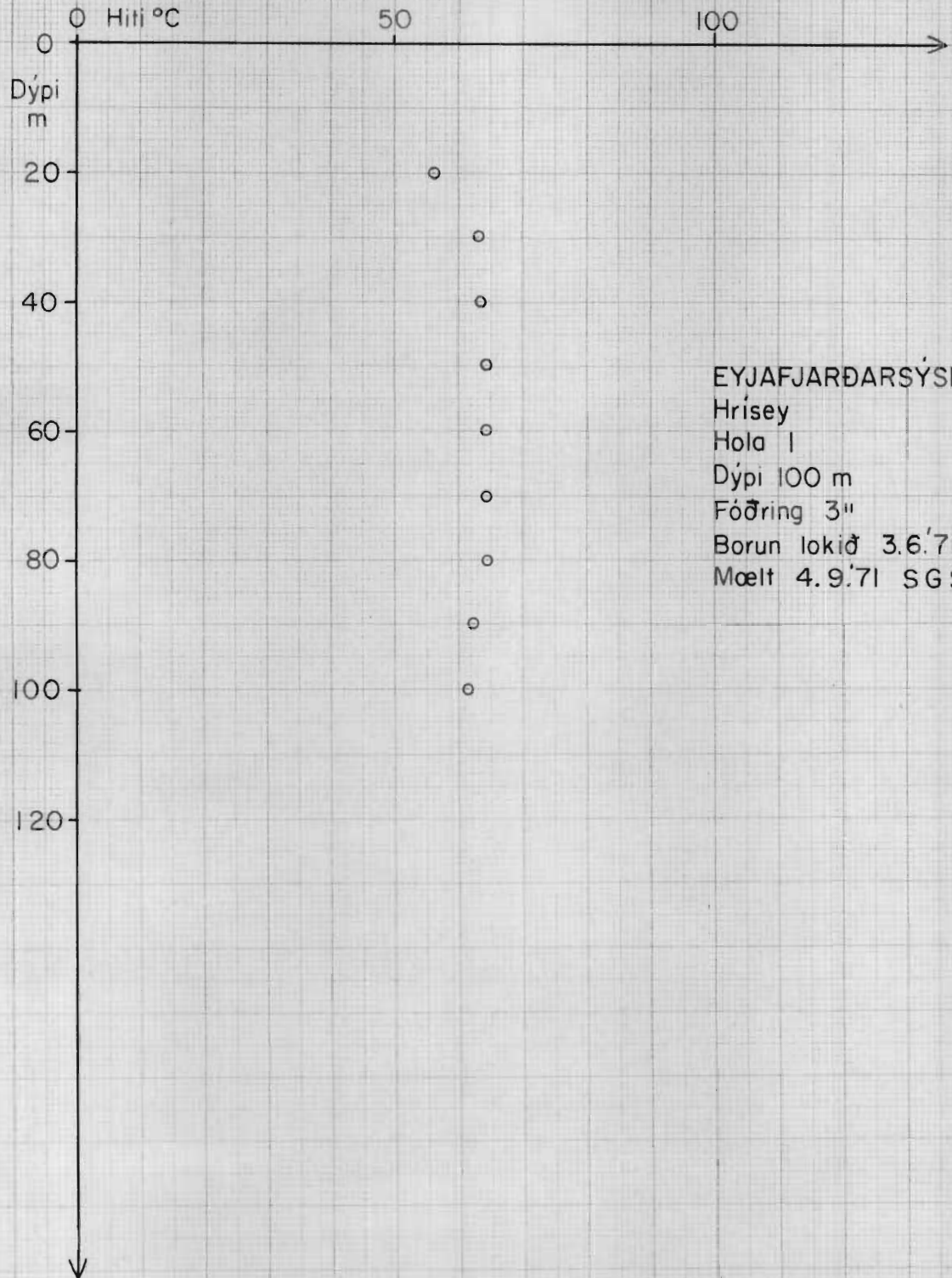


Hitamælingar í borholum



EYJAFJARÐARSÝSLA
Hrísey
Hóla nr. 1
Thermistor 10 KΩ
Dýpi ?
Mælt 9. 3. 1971 SH

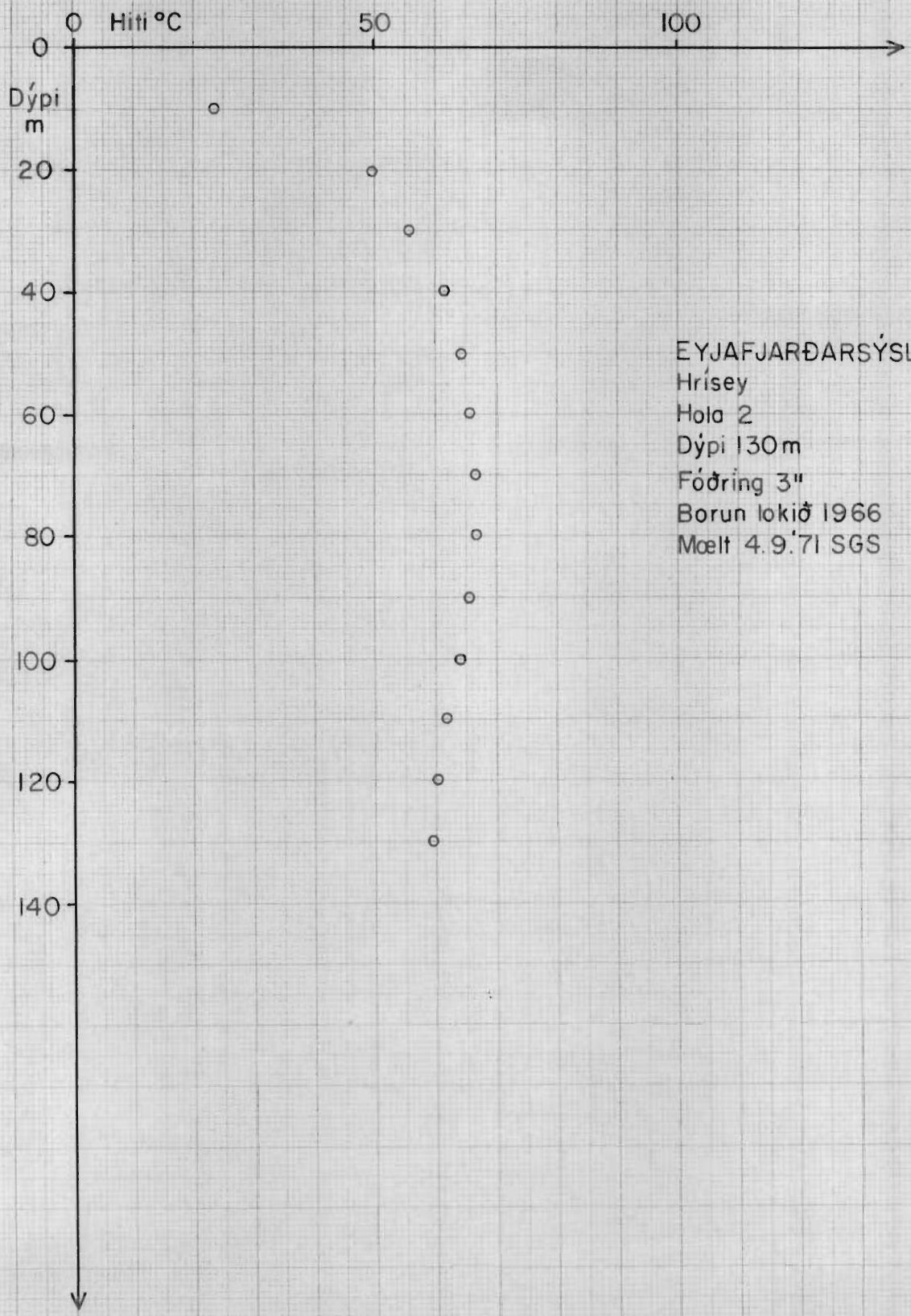
Hitamælingar í borholum



EYJAFJARÐARSÝSLA
Hrísey
Hóla 1
Dýpi 100 m
Fóðring 3"
Borun lokið 3.6.71
Mælt 4.9.71 SGS

73 45 01 524 44 1 x 1 mm

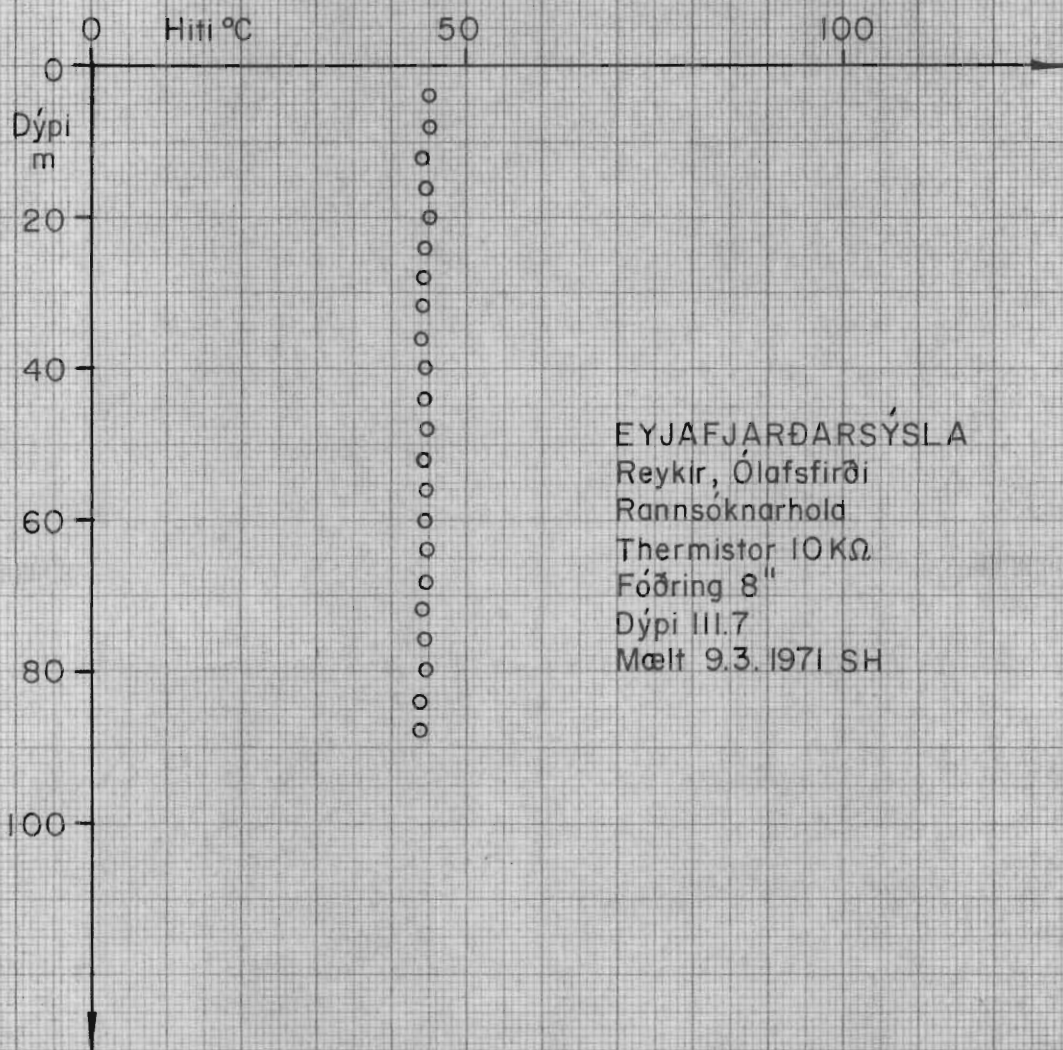
Hitamælingar í borholum



EYJAFJARÐARSÝSLA
Hrísey
Hala 2
Dýpi 130m
Fóðring 3"
Borun lokið 1966
Mælt 4.9.71 SGS

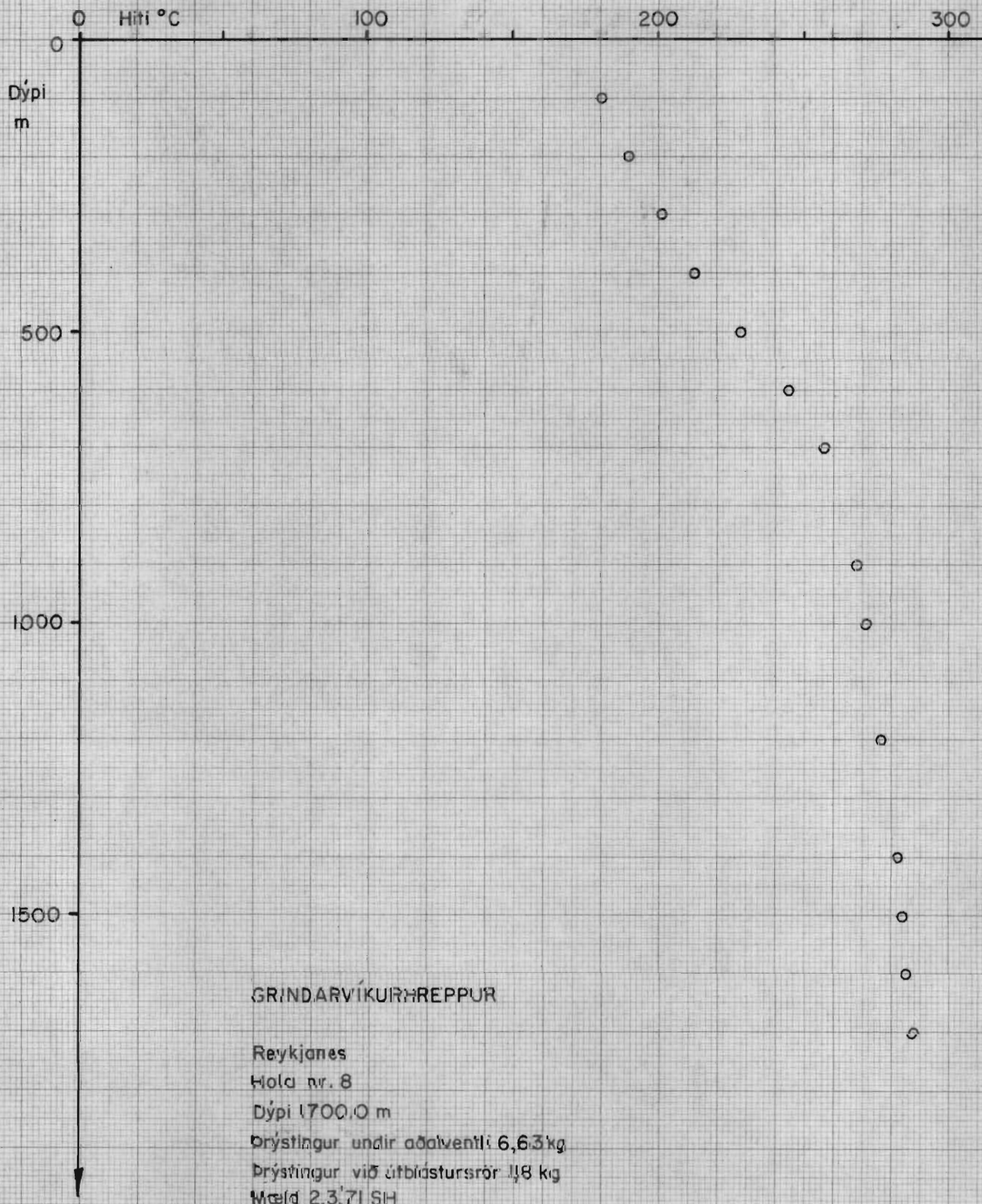


Hitamælingar í borholum

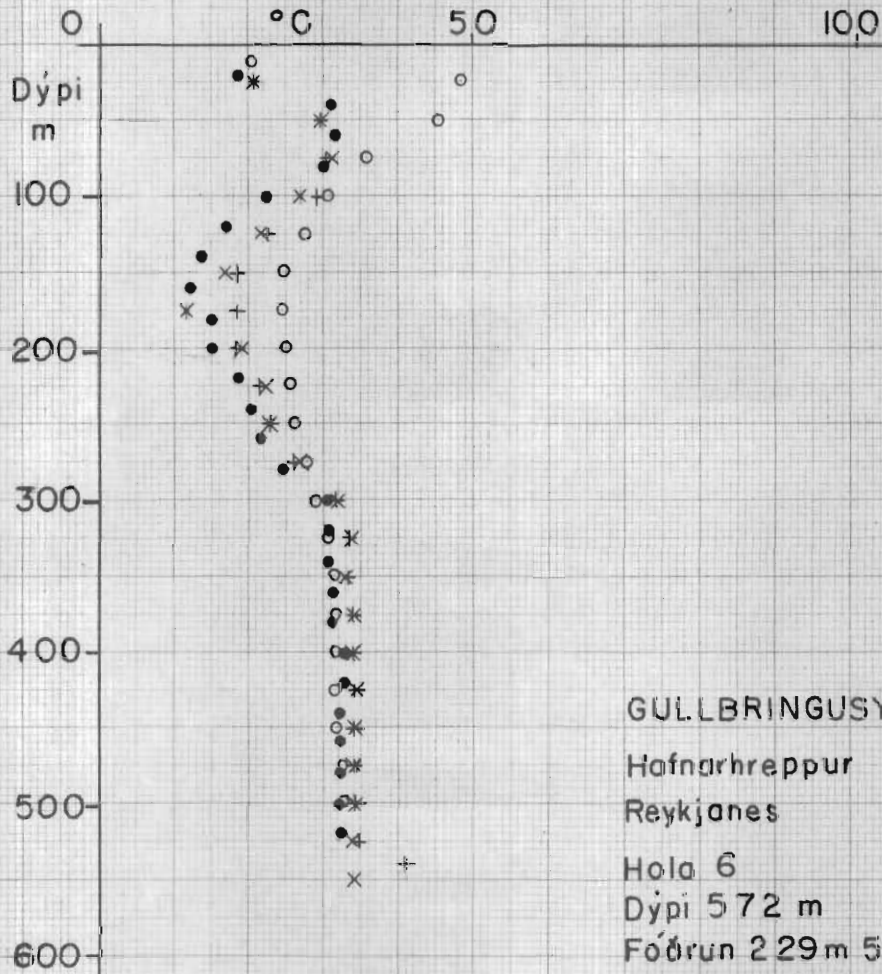




Hitamæling í borholum.



Hitamælingar í borholum.



GULLBRINGUSÝSLA

Hafnarhreppur

Reykjanes

Hola 6

Dýpi 572 m

Fóðrun 229m 5"

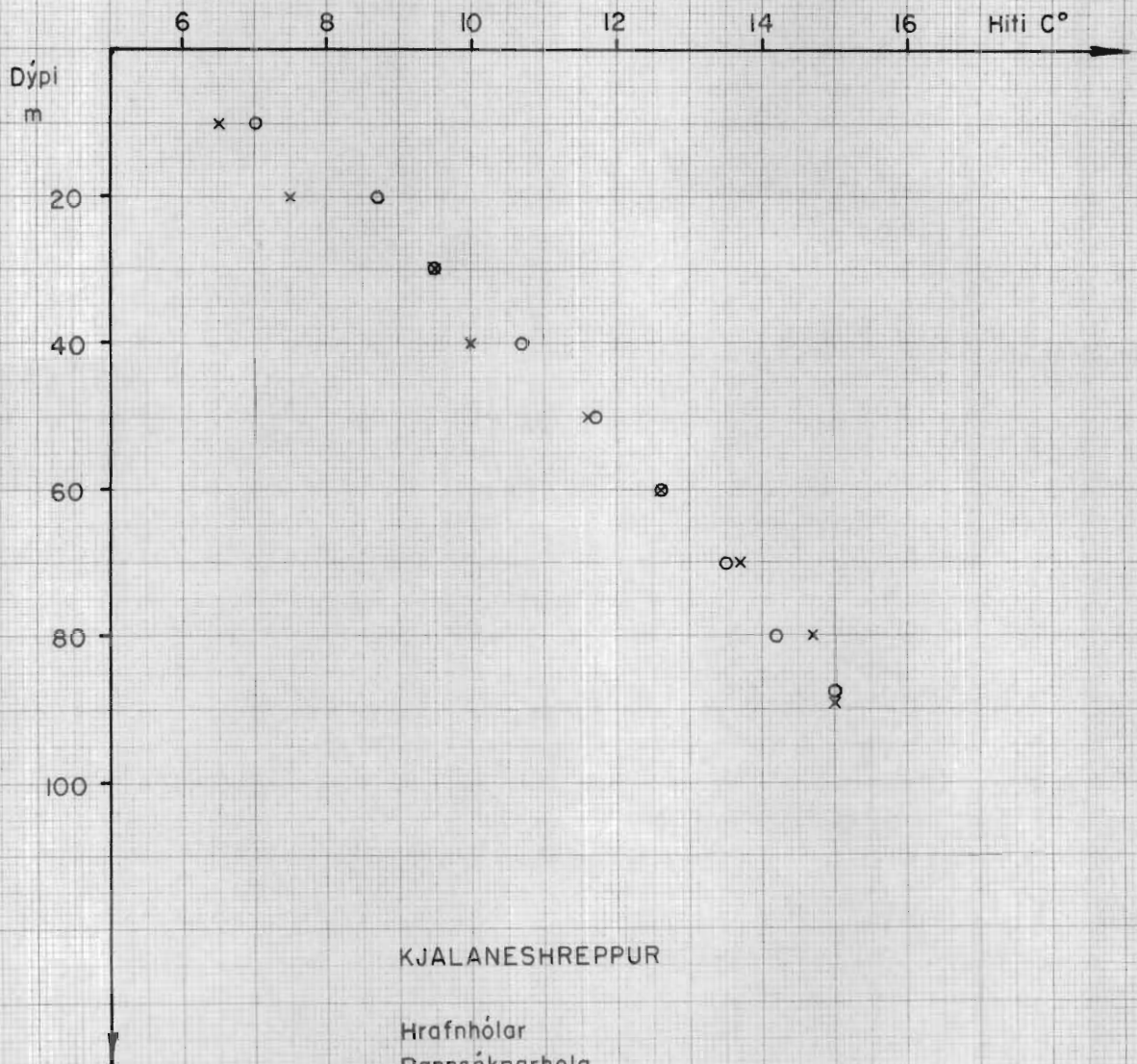
Borun lokið 30.7.69

- o mælt 23.7.69 effir helgar leyfi borm.
- x " 28.8.69 GJ
- + " 21.8.69 G.J.
- " 4.2.71 SH

Hæð holu 14.3 m. y. s.



Hitamæling í borholum.



KJALANESHREPPUR

Hrafnhólar
Rannsóknarhola
Elliðaárstöð 5°C
Thermistor 10 K Ω

Dýpi 87.5 m

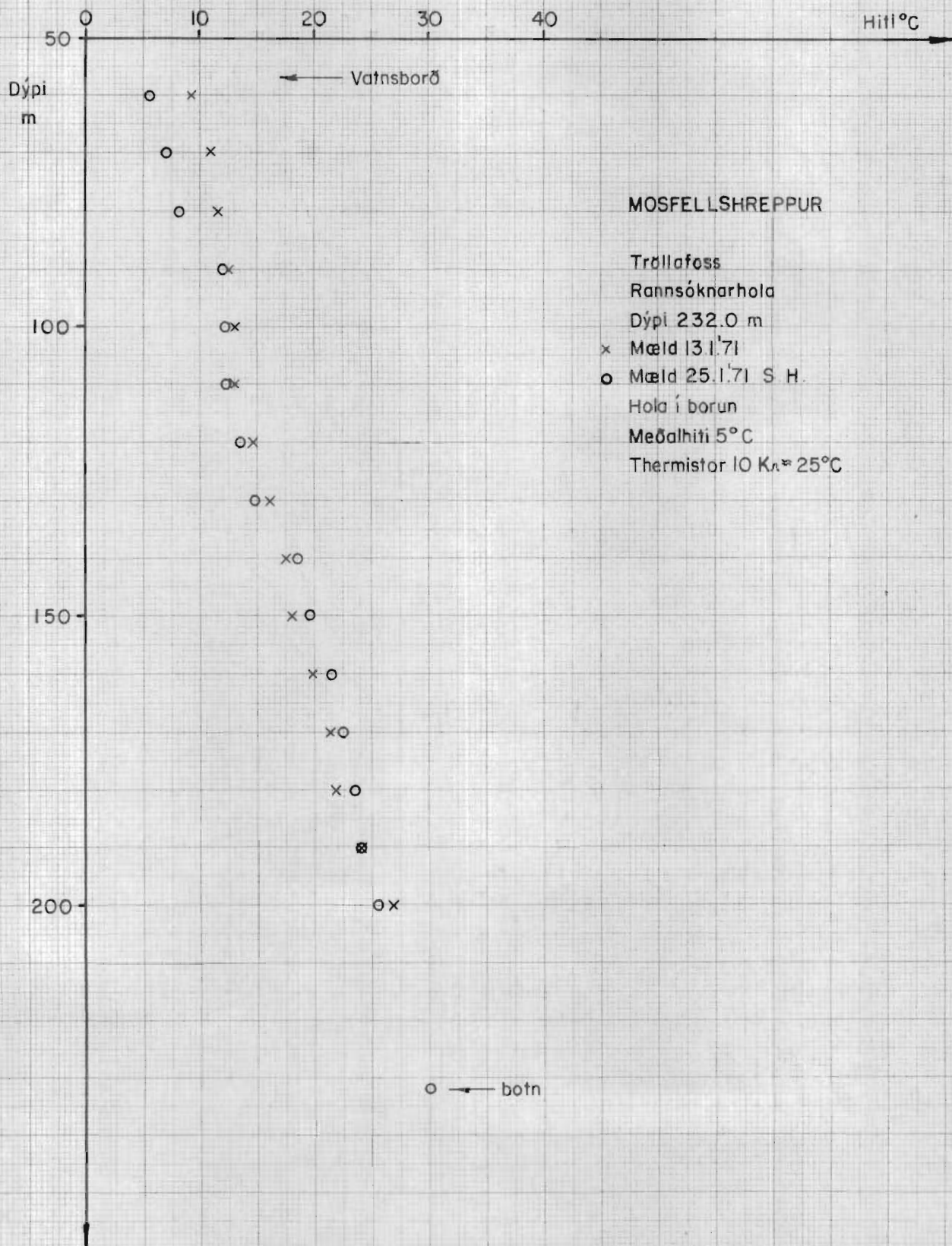
o Mæld 26.271 SH

Dýpi 89.0 m

x Mæld 8.271 SH

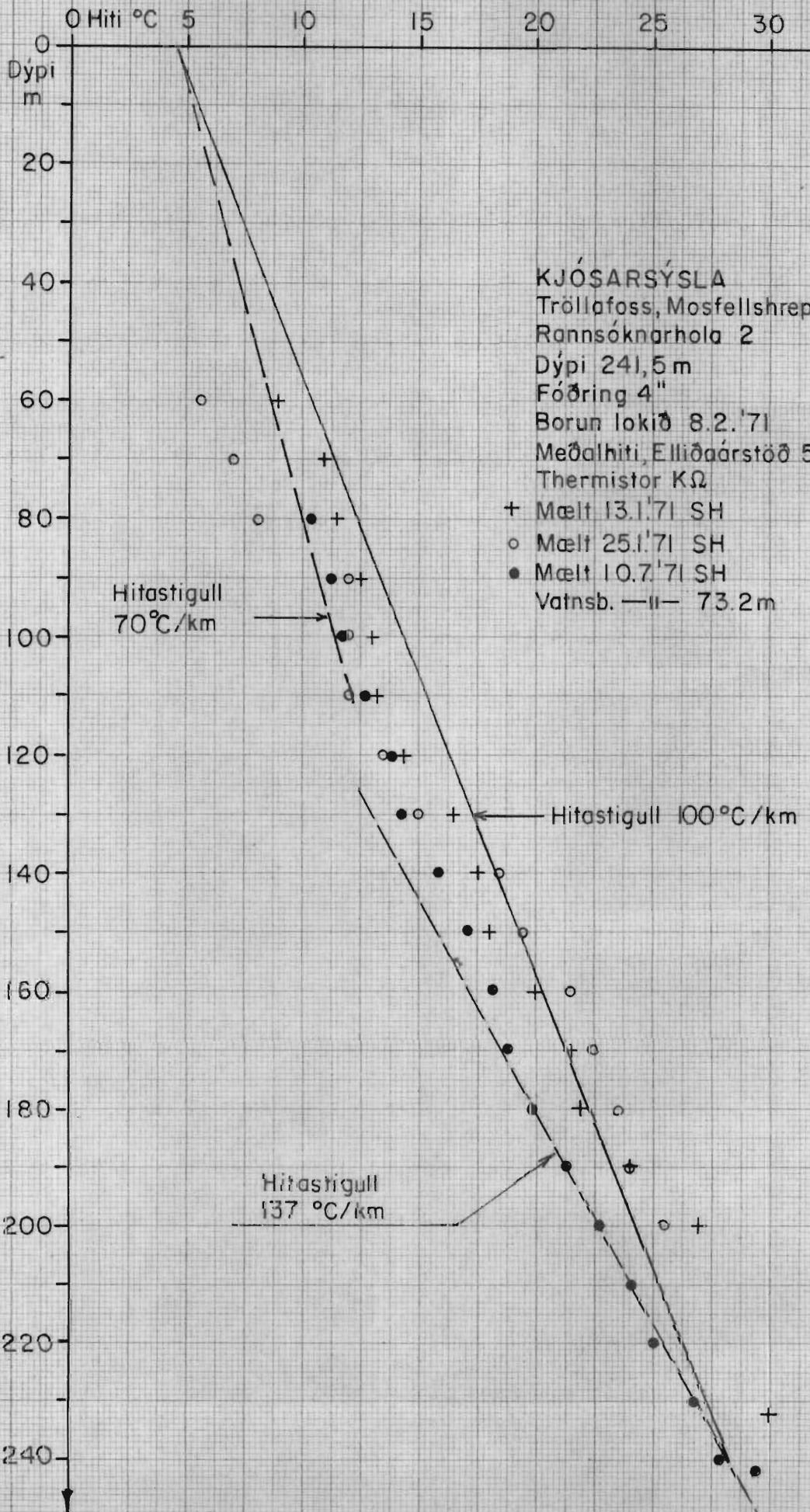


Hitamæling í borholum.



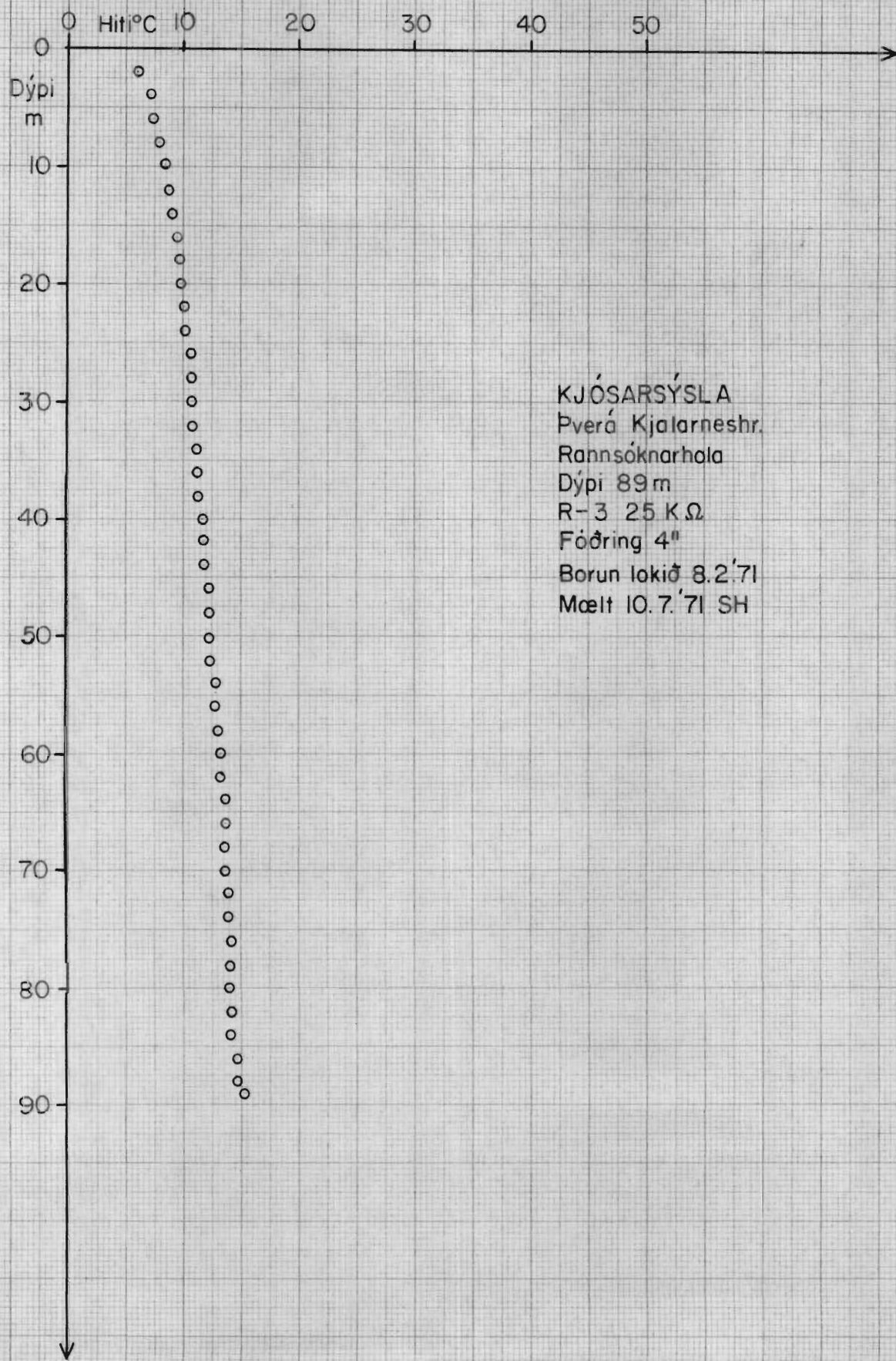
Hitamælingar í borholum

Mynd 8.



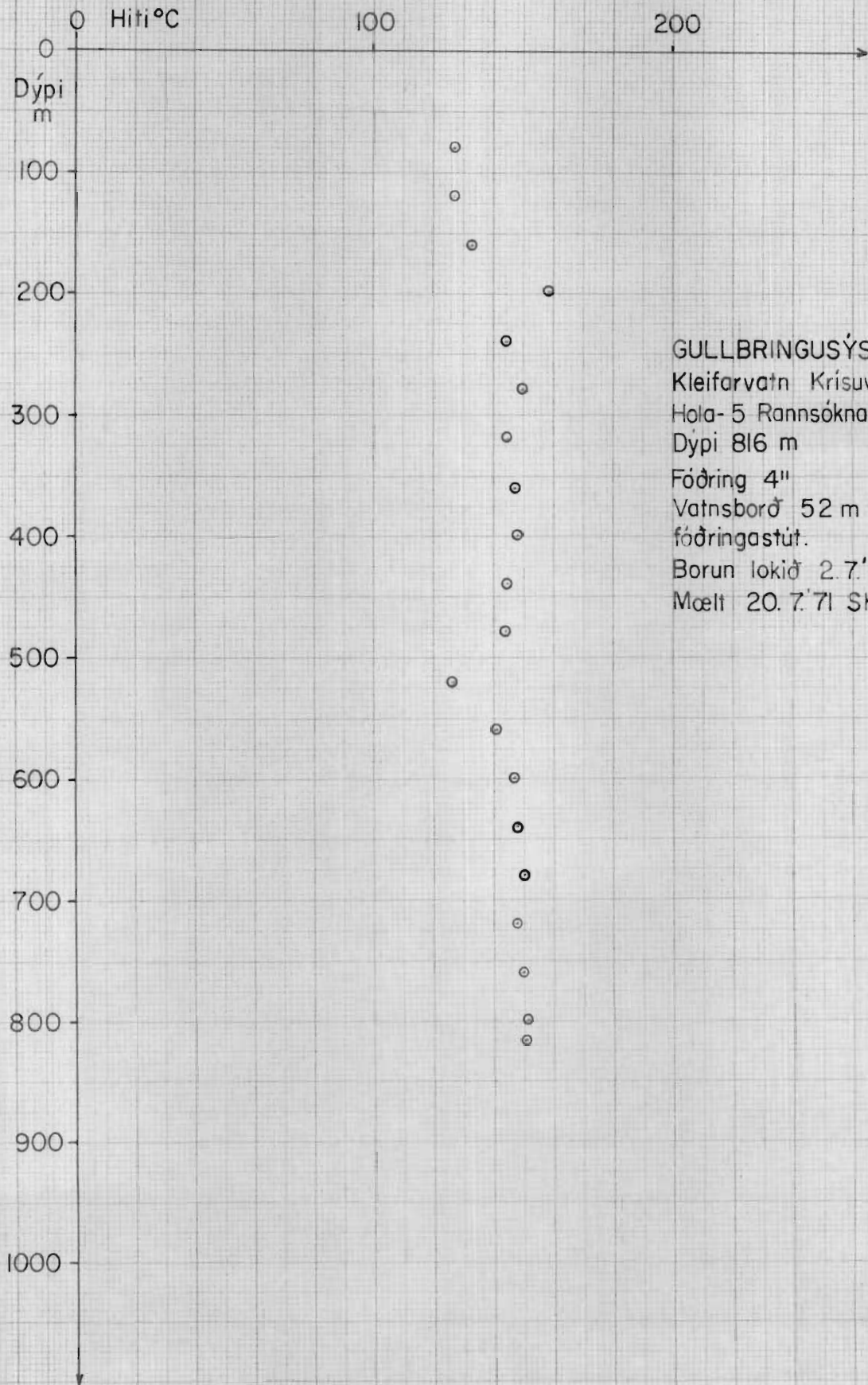
KJÓSARSÝSLA
Tröllafoss, Mosfellshreppur
Rannsóknarhola 2
Dýpi 241,5 m
Fóðring 4"
Borun lokið 8.2.'71
Meðalhiti, Elliðaárstöð 5°C, Þingv. 3,8°C
Thermistor KΩ
+ Mælt 13.1.'71 SH
o Mælt 25.1.'71 SH
• Mælt 10.7.'71 SH
Vatnsb. —||— 73.2 m

Hitamælingar í borholum



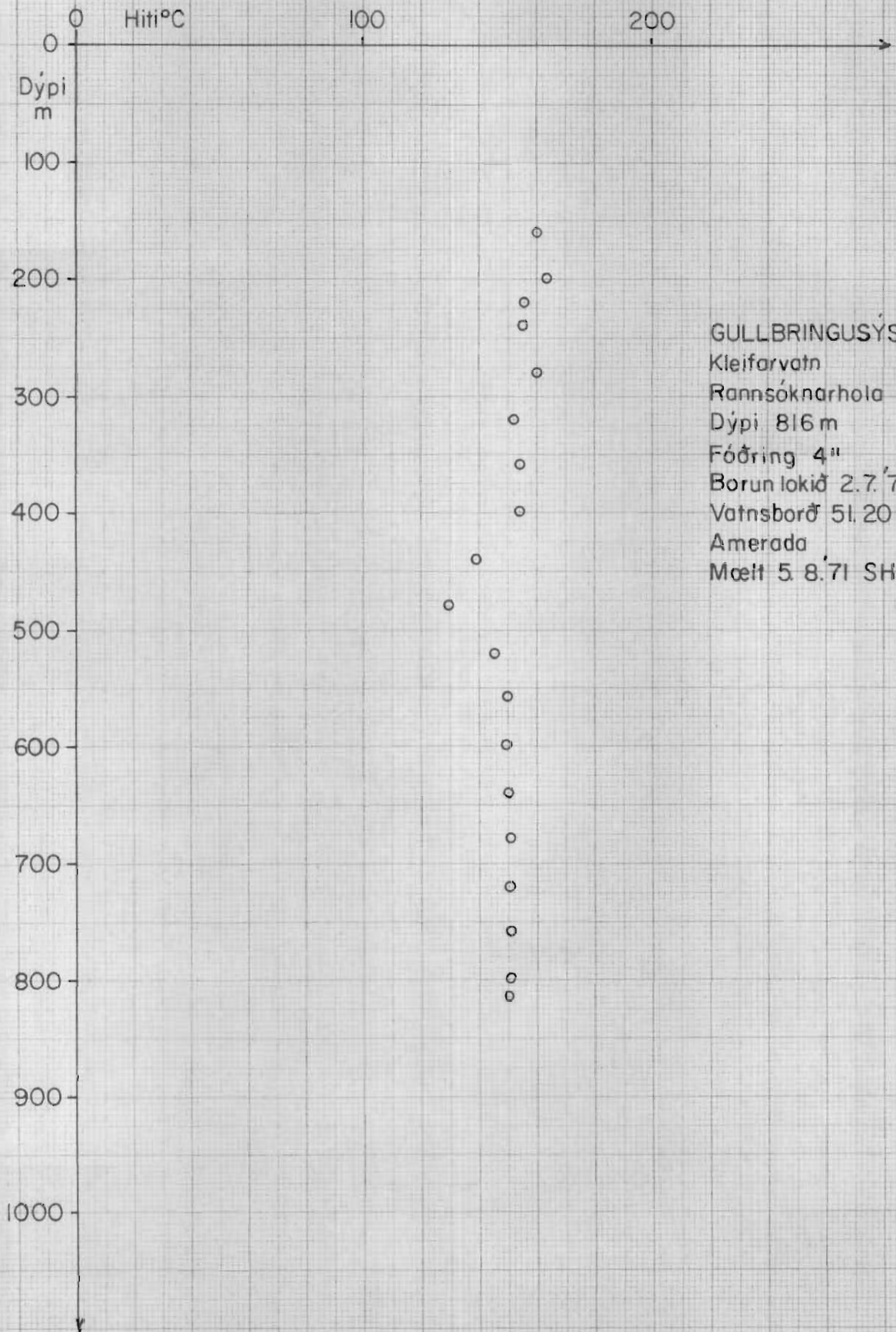
KJÓARSÝSLA
Pverá Kjalarneshr.
Rannsóknarhala
Dýpi 89m
R-3 25 KΩ
Fóðring 4"
Borun lokið 8.2.'71
Mælt 10.7.'71 SH

Hitamælingar í borholum



GULLBRINGUSÝSLA
Kleifarvatn Krisuvik
Hala- 5 Rannsóknarhola
Dýpi 816 m
Fóðring 4"
Vatnsborð 52 m frá
fóðringastút.
Borun lokið 2. 7.'71
Mælt 20. 7.'71 SH

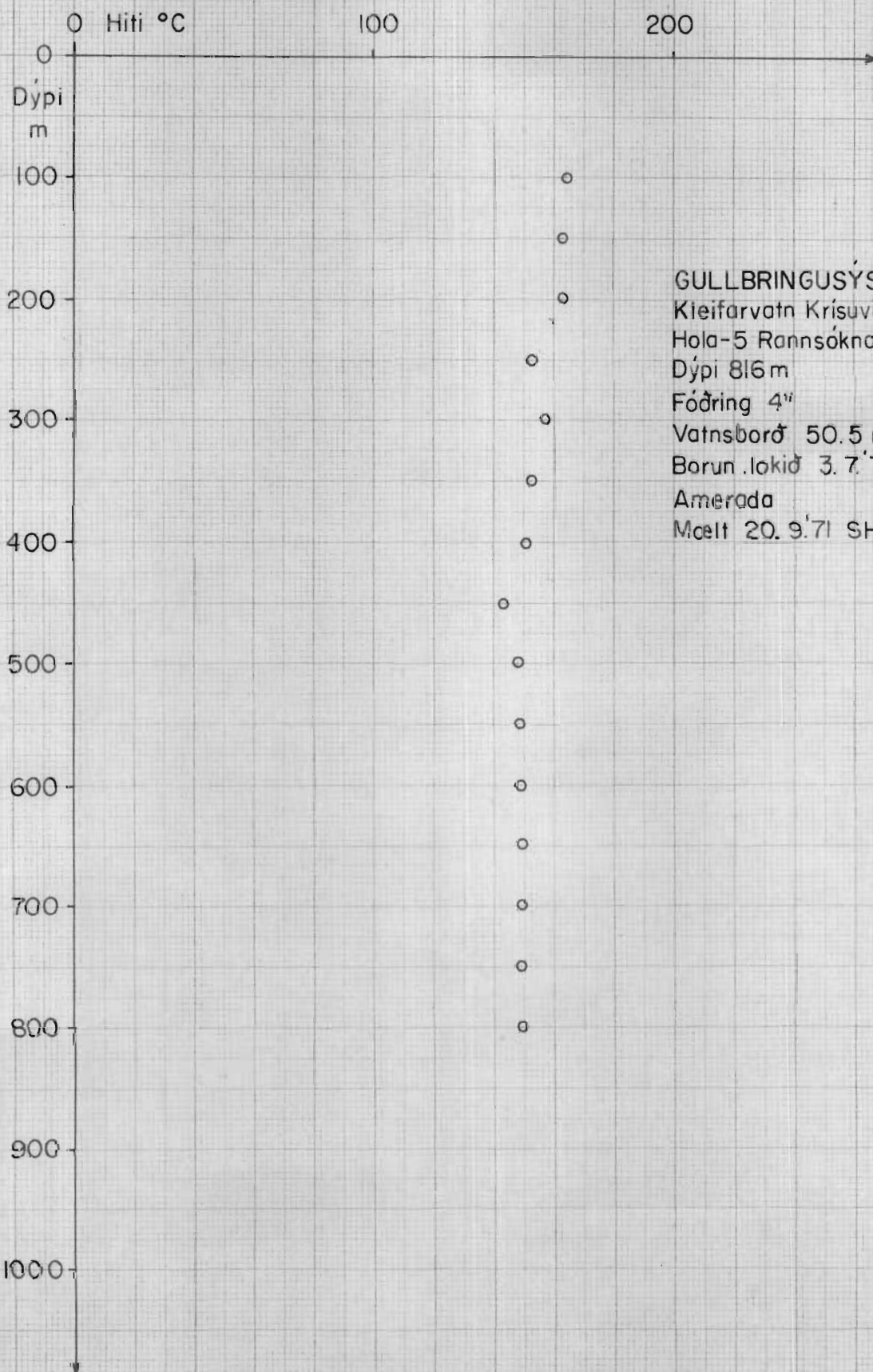
73 25 01 - 521 64 - 1 x 1 mm



GULLBRINGUSÝSLA
Kleifarvatn
Rannsóknarhola hola-5
Dýpi 816 m
Fóðring 4"
Borun lokið 2.7.'71
Vatnsborð 5l. 20 m
Amerada
Mælt 5. 8.'71 SH

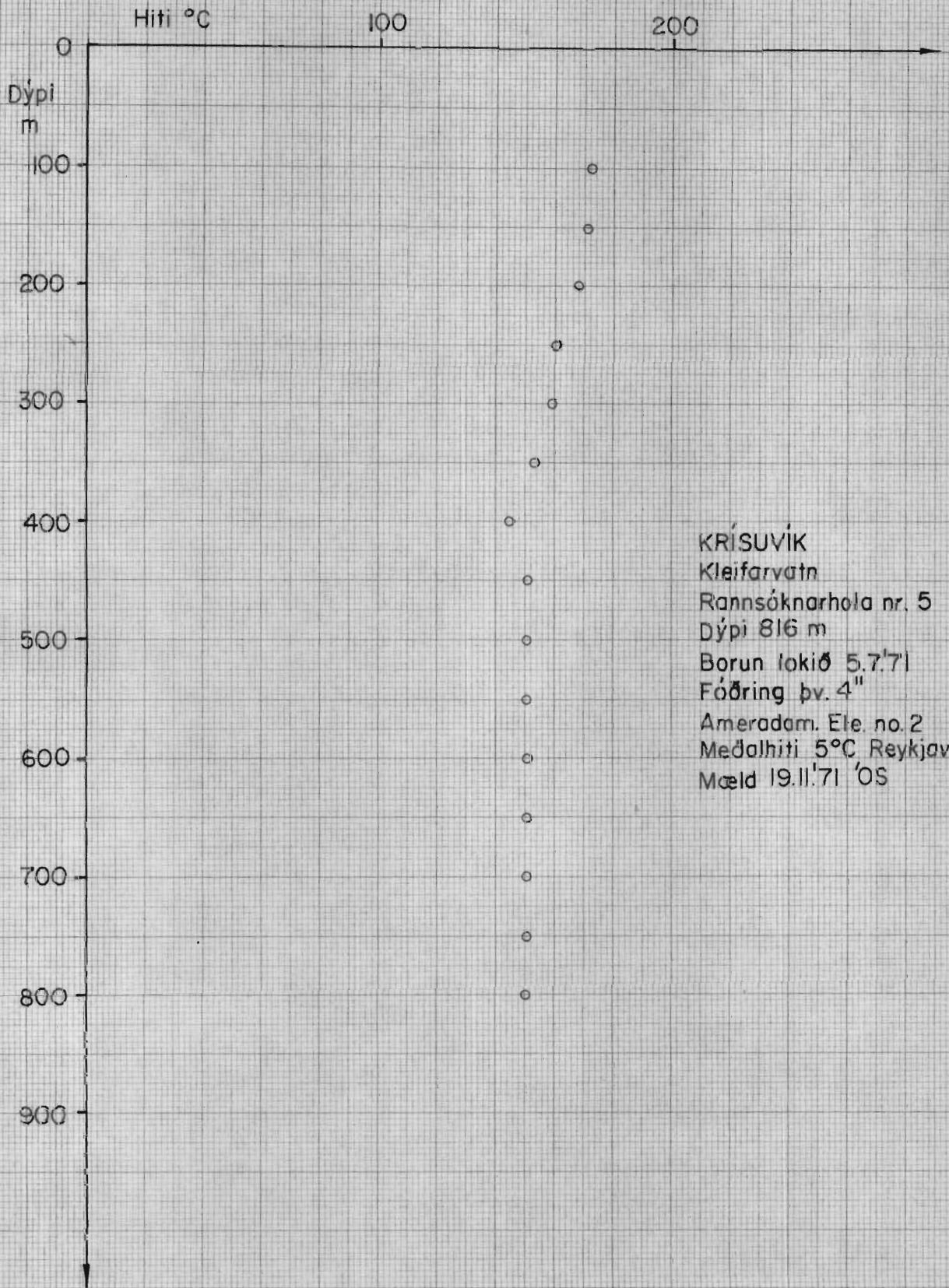
73 25 01 - 523 04

Hitamælingar í borholum



GULLBRINGUSÝSLA
Kleifarvatn Krísuvík
Hala-5 Rannsóknarhola
Dýpi 816 m
Fóðring 4"
Vatnsborð 50.5 m
Borun lokið 3. 7. '71
Amerada
Mælt 20. 9. '71 SH

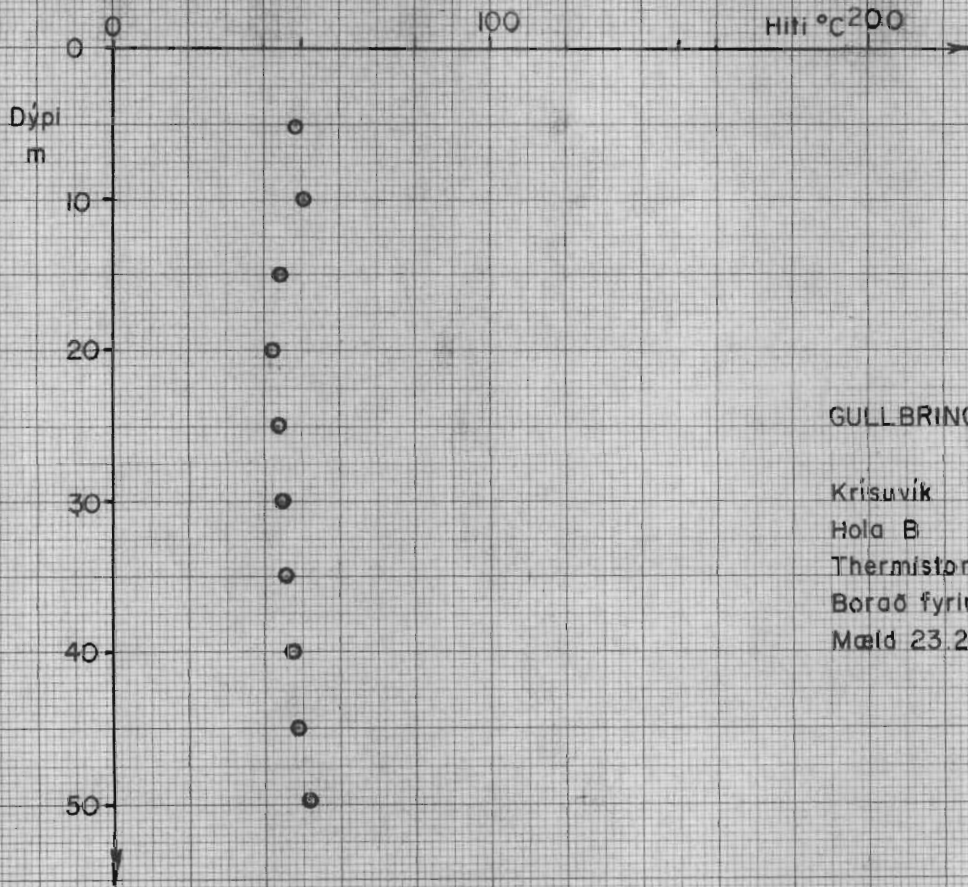
Hitamælingar í borholum.



KRÍSUVÍK
Kleifarvatn
Rannsóknarhola nr. 5
Dýpi 816 m
Borun lokið 5.7.71
Fóðring þv. 4"
Ameradam. Ele. no. 2
Meðalhiti 5°C Reykjavík
Mæld 19.11.71 'OS



Hitamæling í borholum.



GULLBRINGURSÝSLA

Krísuvík

Hola B

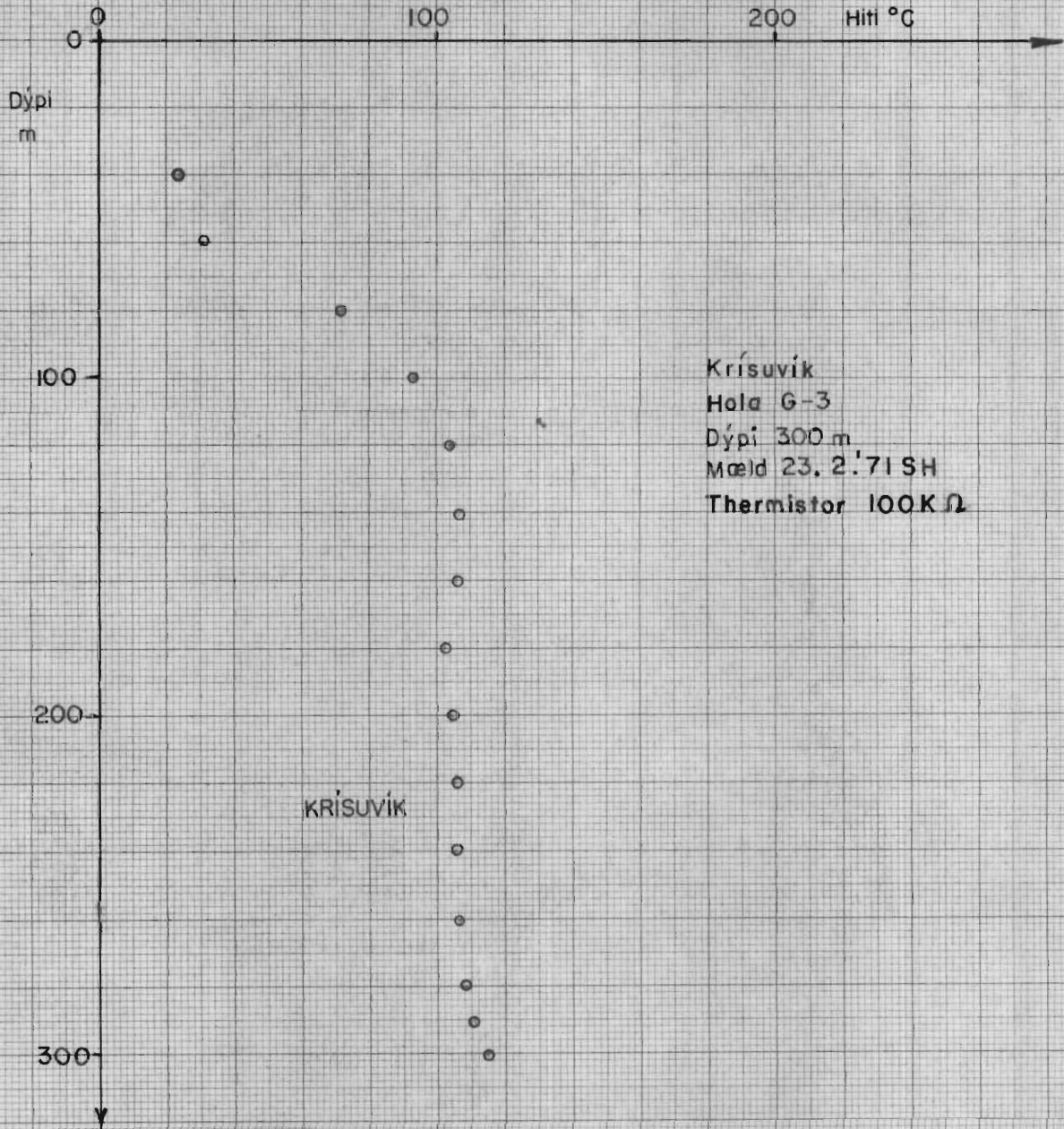
Thermistor IO K Ω

Borað fyrir Hafnarfjarðarbæ 1950

Mæld 23.2.'71 SH



Hitamæling í borholum.

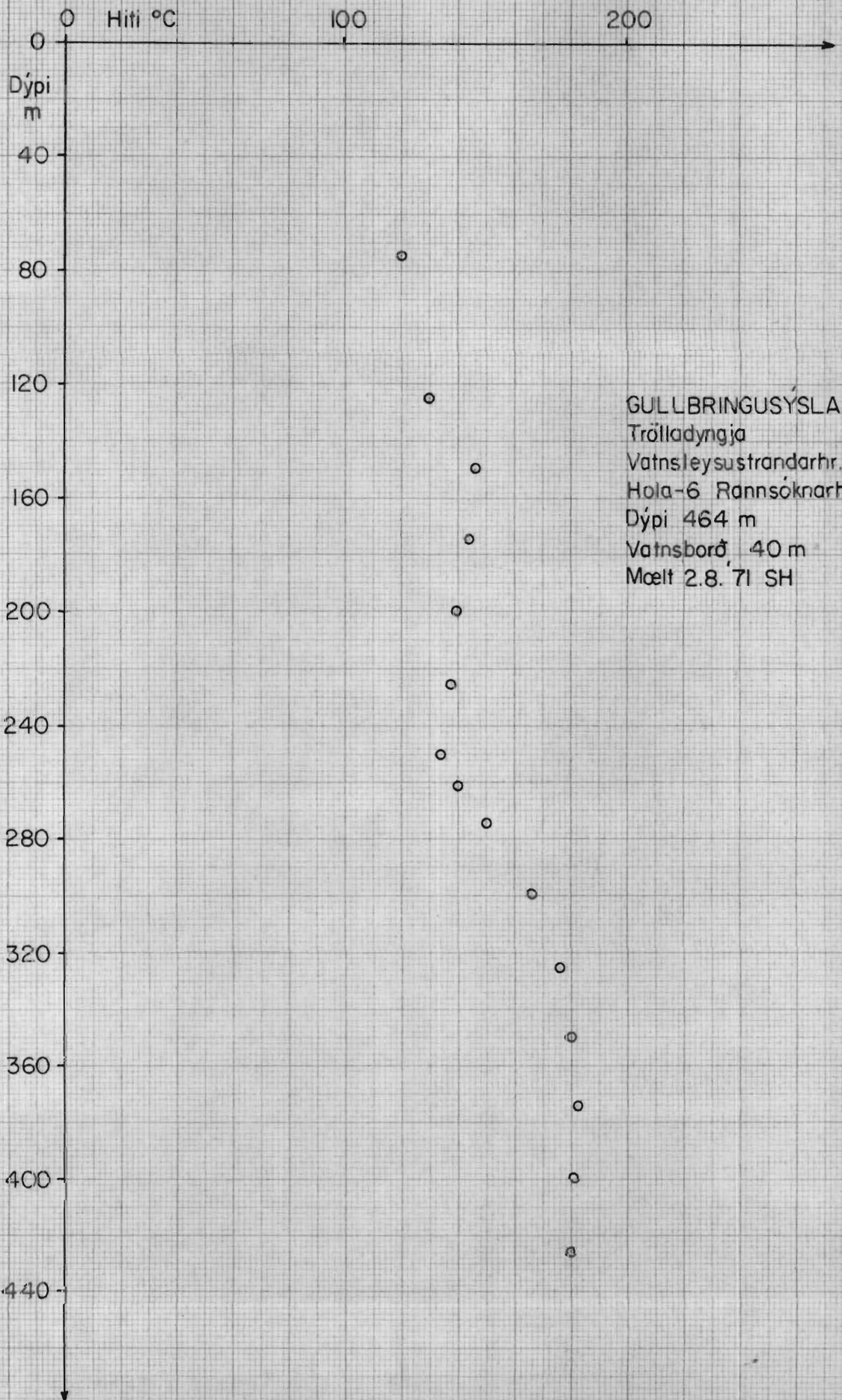


Krísuvík
Hala G-3
Dýpi 300 m
Mæld 23. 2.71 SH
Thermistor 100K Ω

KRÍSUVÍK

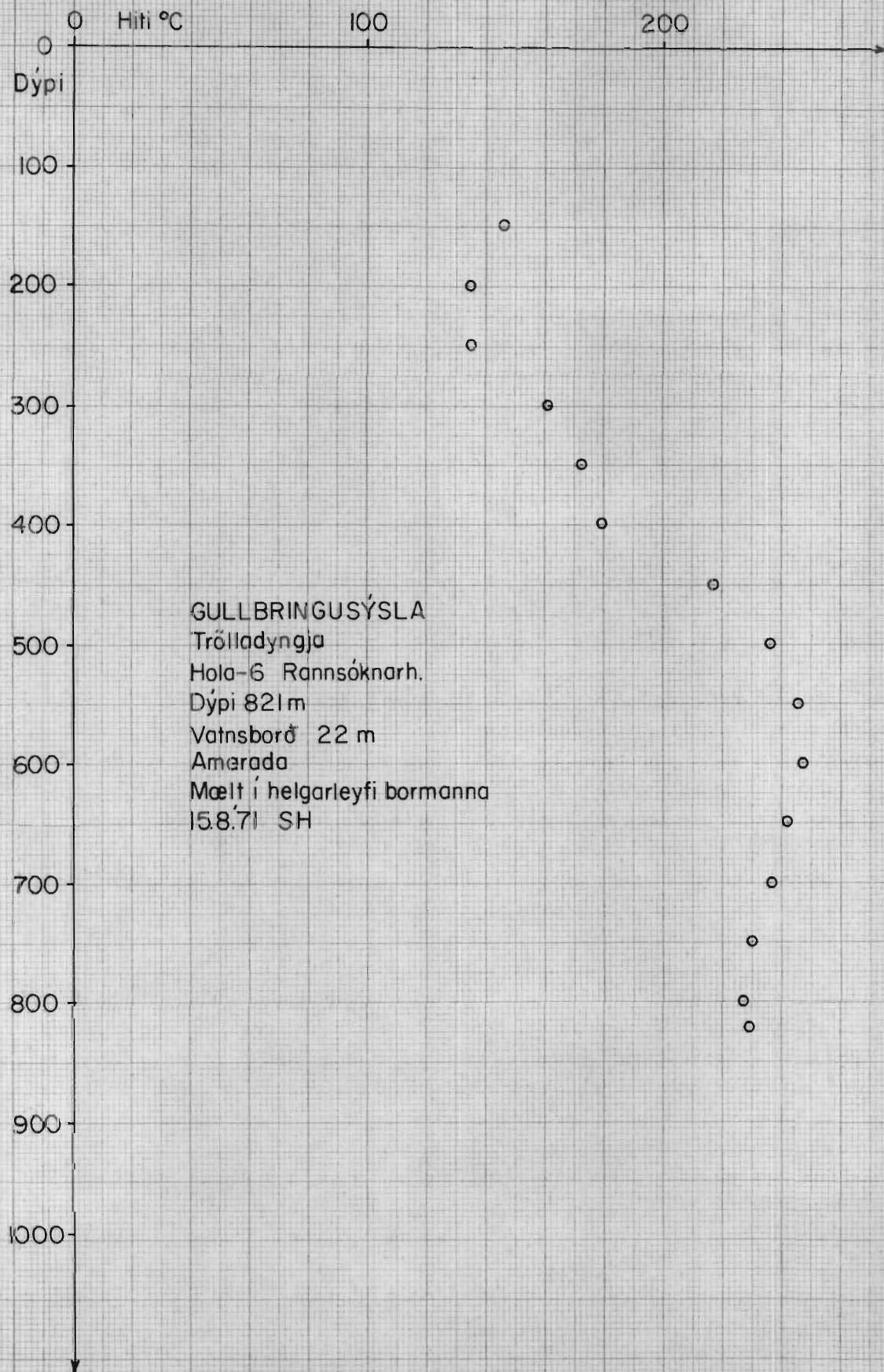
732501 - 523 A4 - 1 X 1 mm

Hitamælingar í borholum



7125 01 - 523 A4 - 1x1 mm

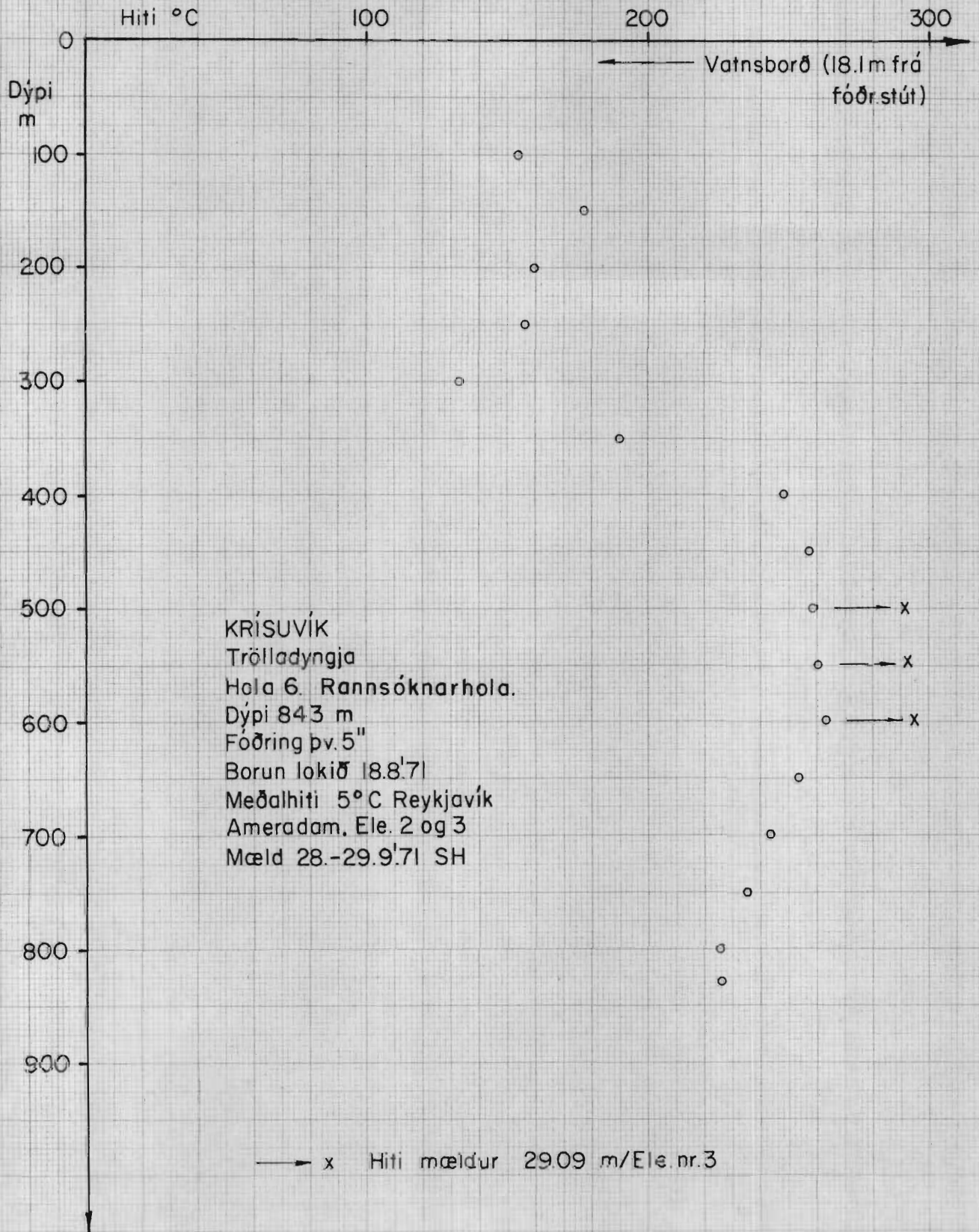
Hitamælingar í borholum



GULLBRINGUSÝSLA
Trölladyngja
Hala-6 Rannsóknarh.
Dýpi 821m
Vatnsborð 22 m
Amerada
Mælt í helgarleyfi bormanna
15.8.71 SH

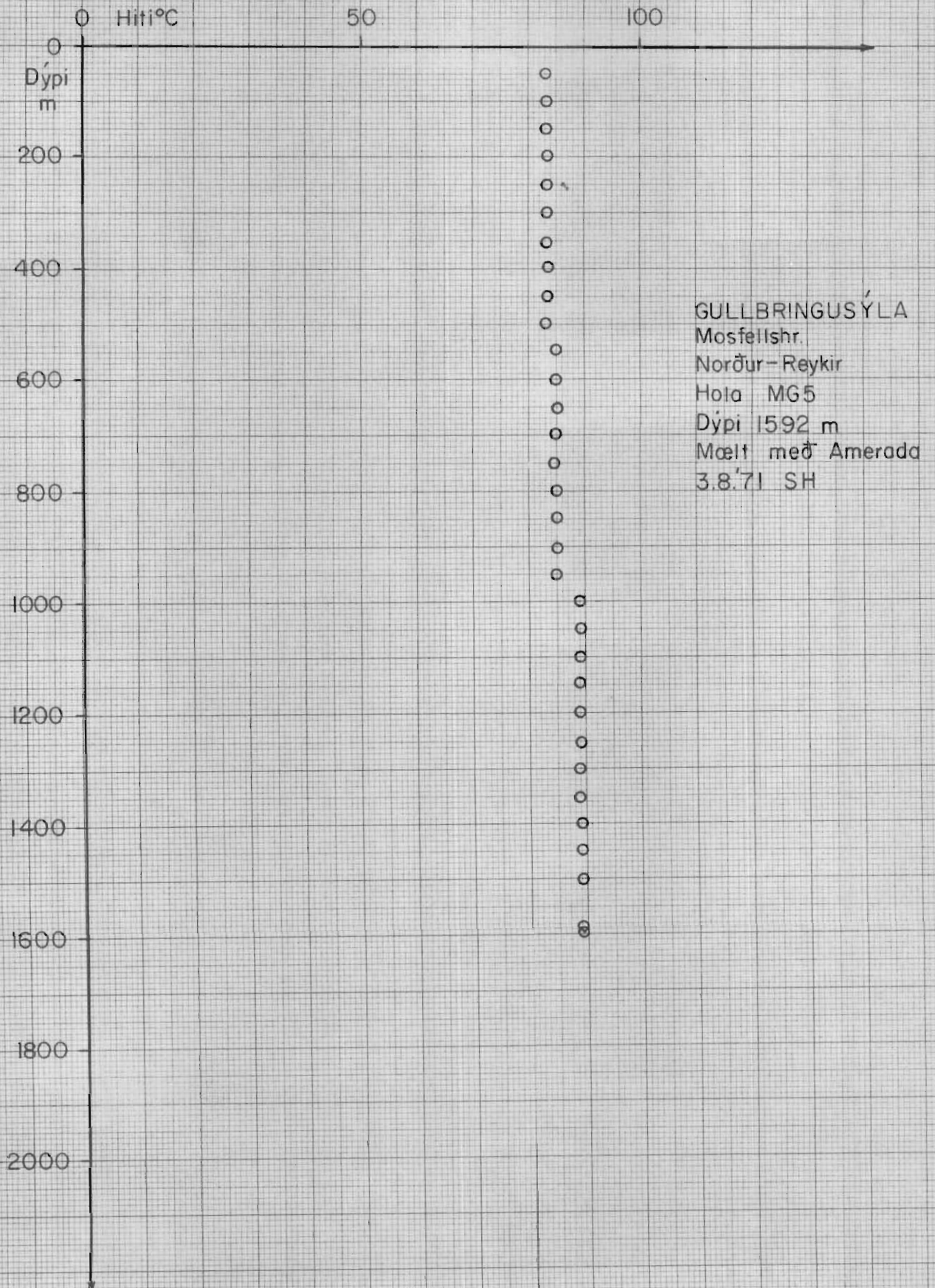
73 25 01 - 523 A4 - 1 x 1 mm

Hitamælingar í borholum.



515 1/16 20 520 M 1x1 mm

Hitamælingar í borholum



Hitamælingar í borholum

0 Hiti °C 50 100

Dýpi
m

200

400

600

800

1000

1200

1400

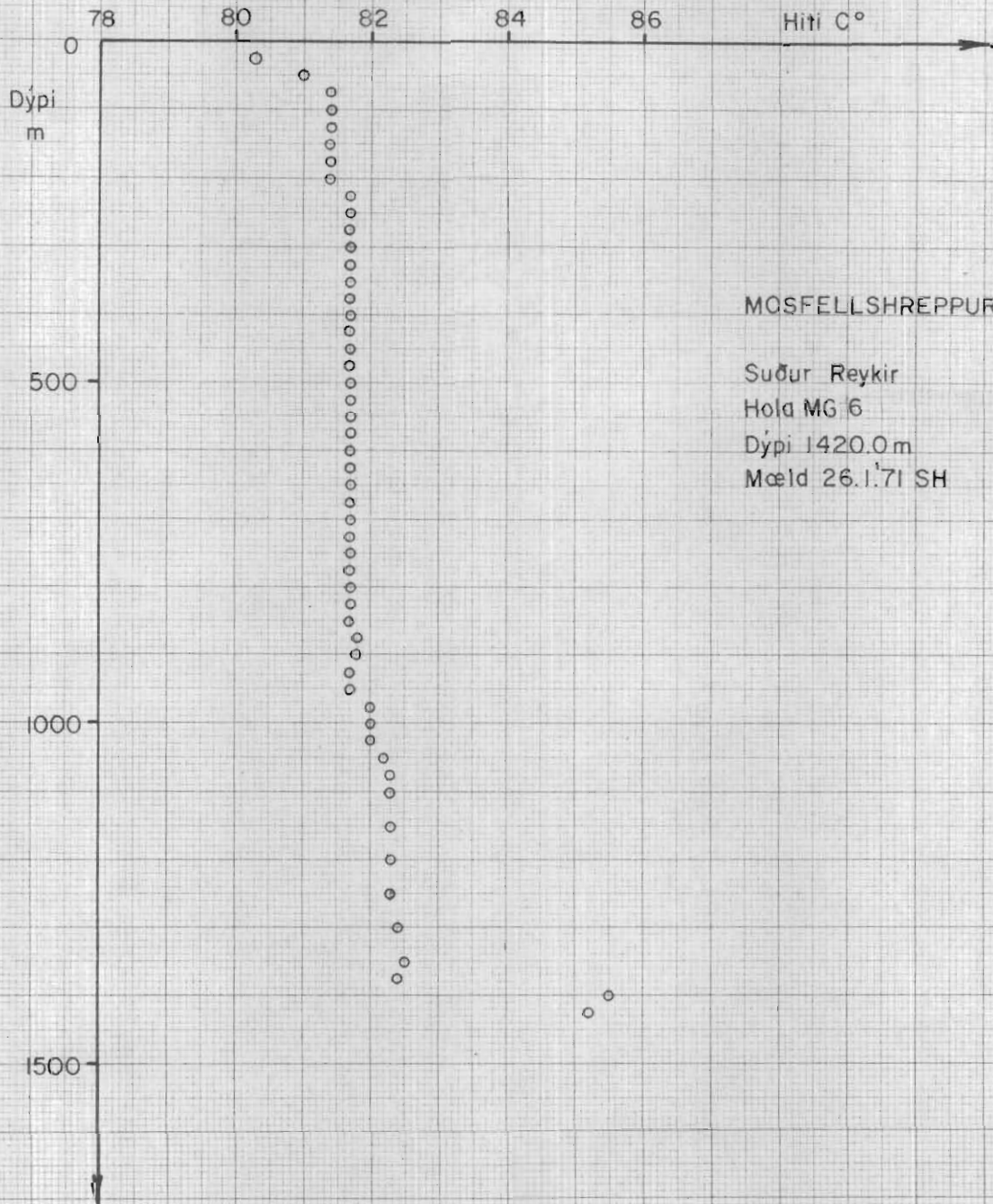
1600

1800

GULLBRINGUSÝSLA
Mosfellshreppur
S-Reykir
Hala MGI
Dýpi 1290 m
Mælt með Amerada
12.8.71 SH

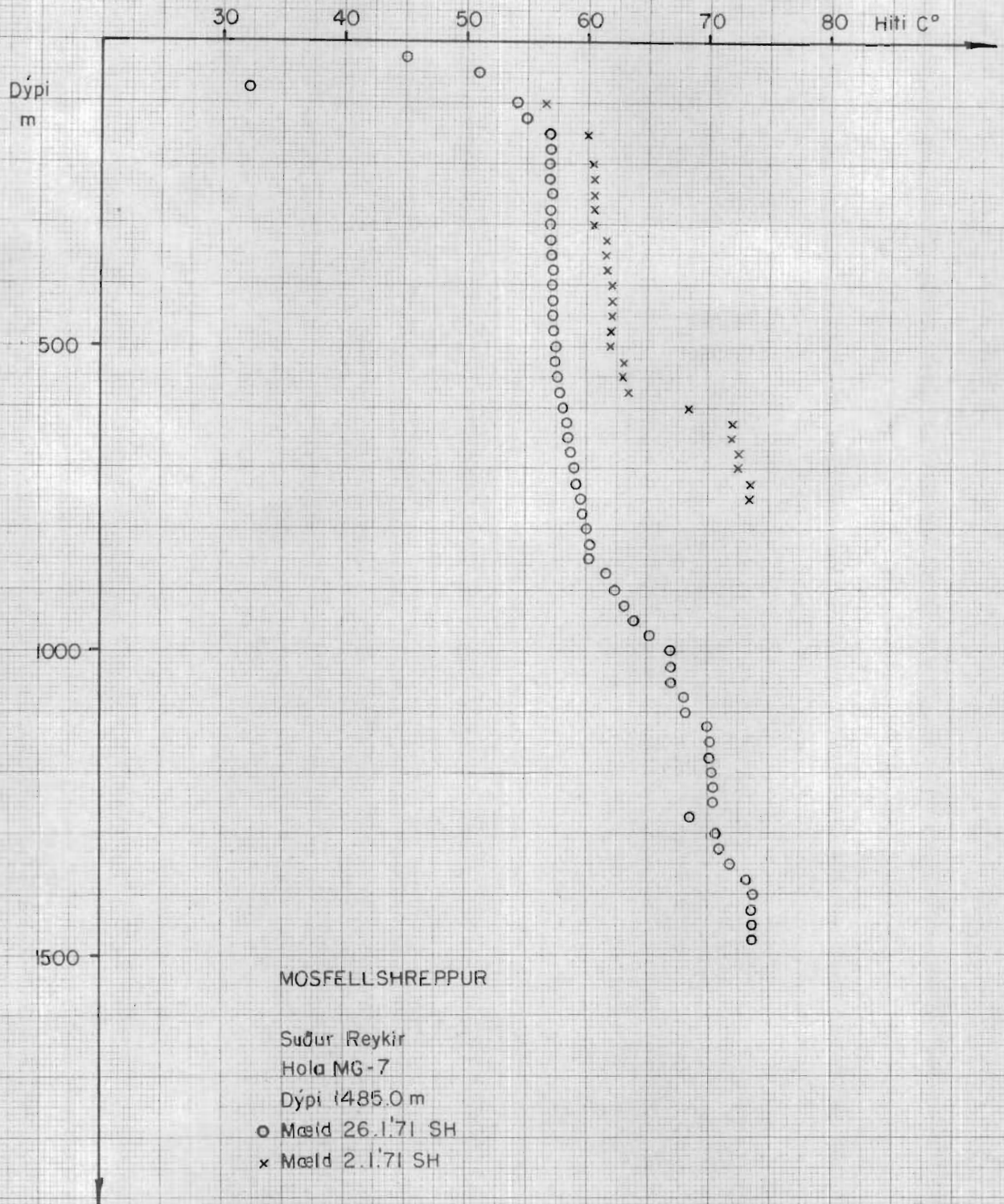


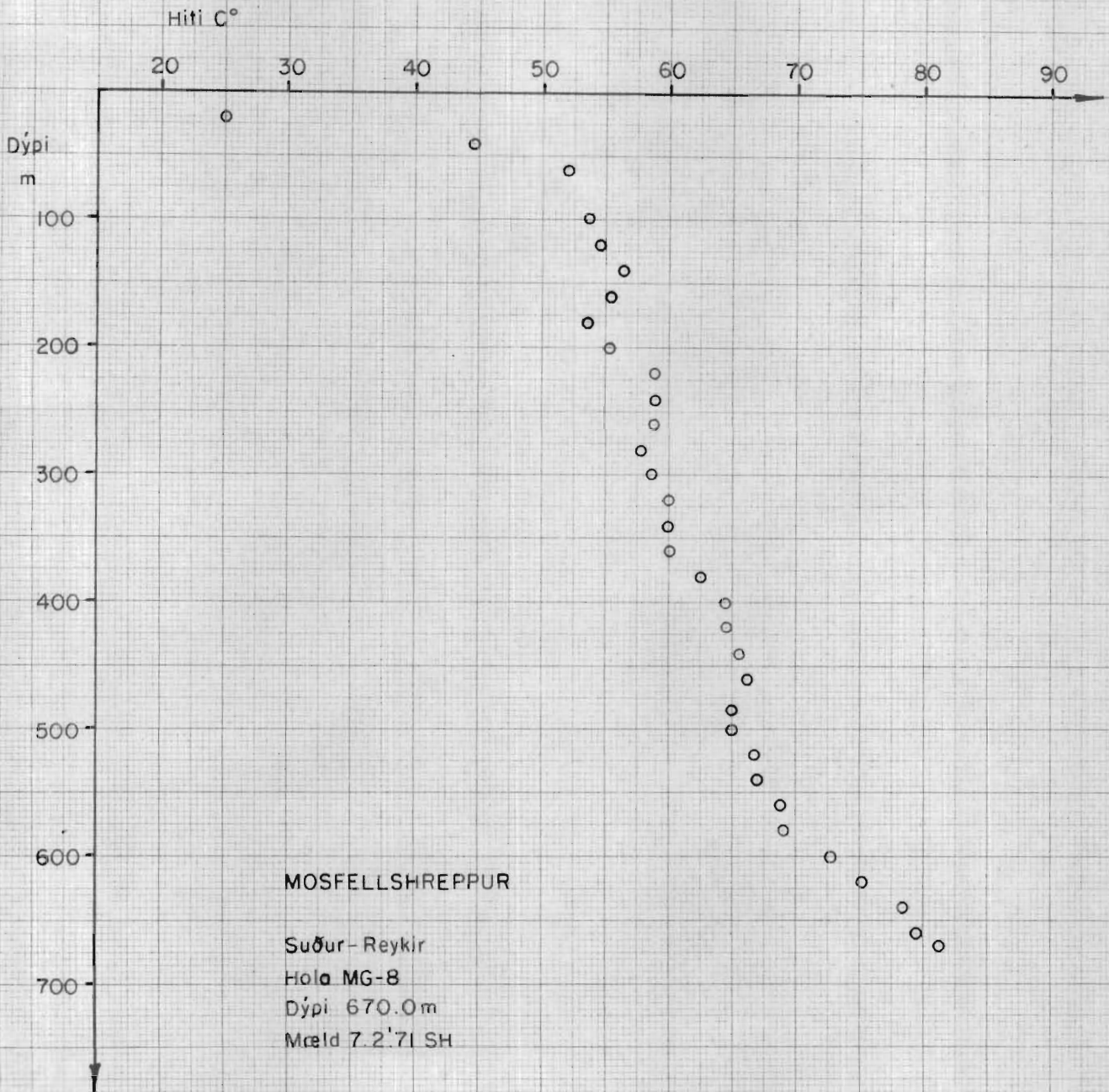
Hitamæling í borholum.





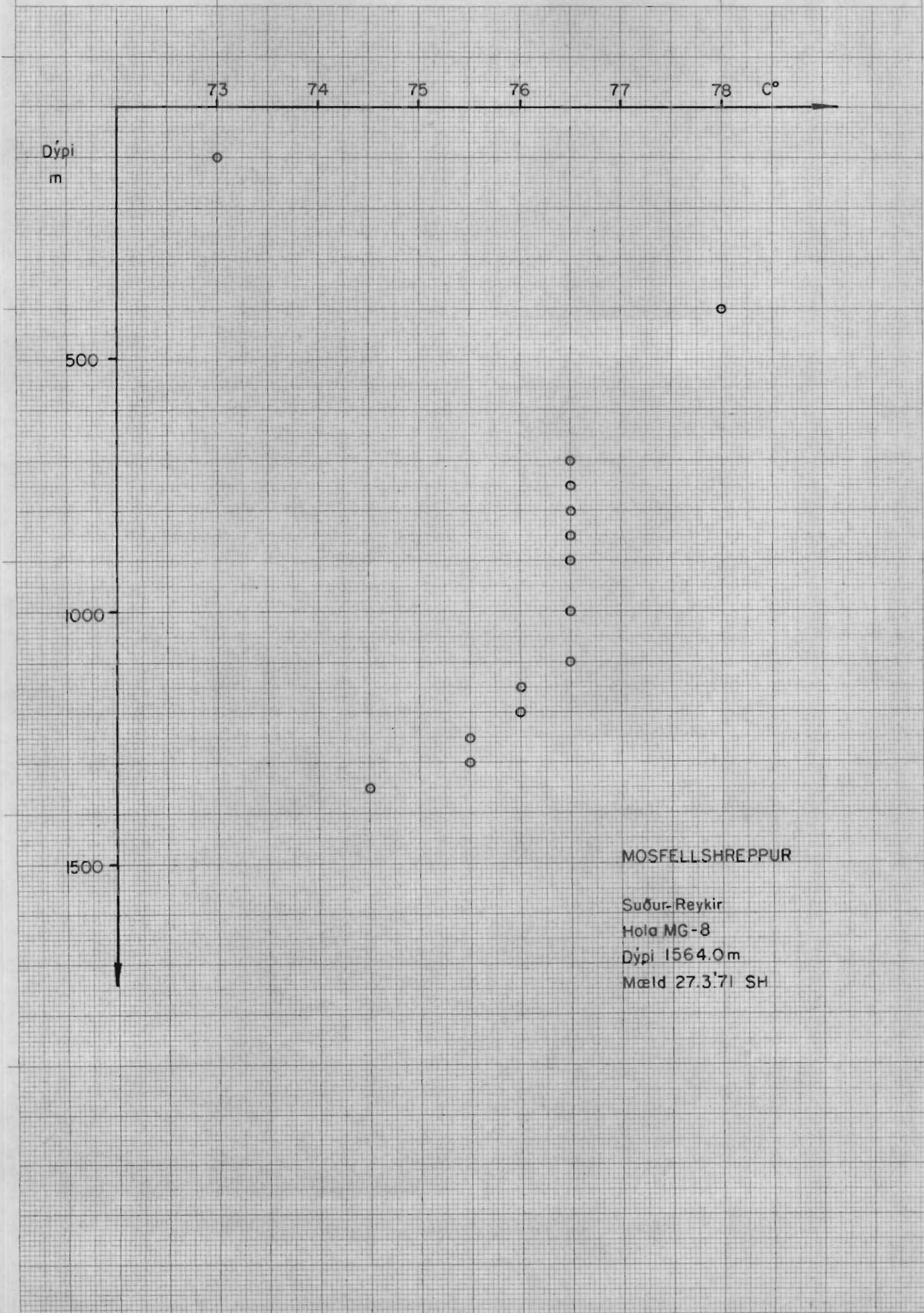
Hitamælingar í borholum.







Hitamæling í borholum.



MOSFELLSHREPPUR

Suður-Reykir
Hóla MG-8
Dýpi 1564.0m
Mæld 27.3.'71 SH

Hitamælingar í borholum

0 Hitil °C 50 100

Dýpi
m

200

400

600

800

1000

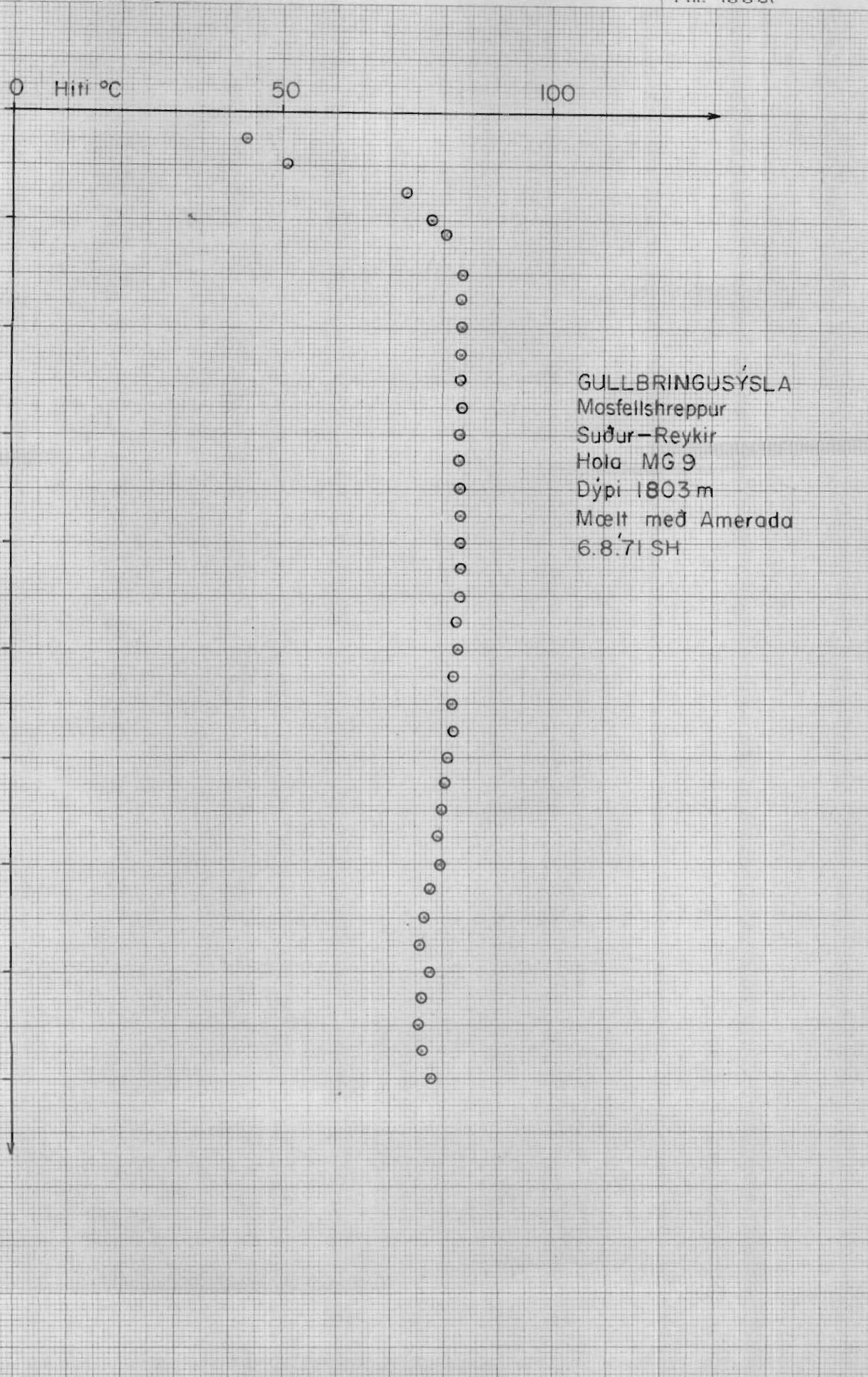
1200

1400

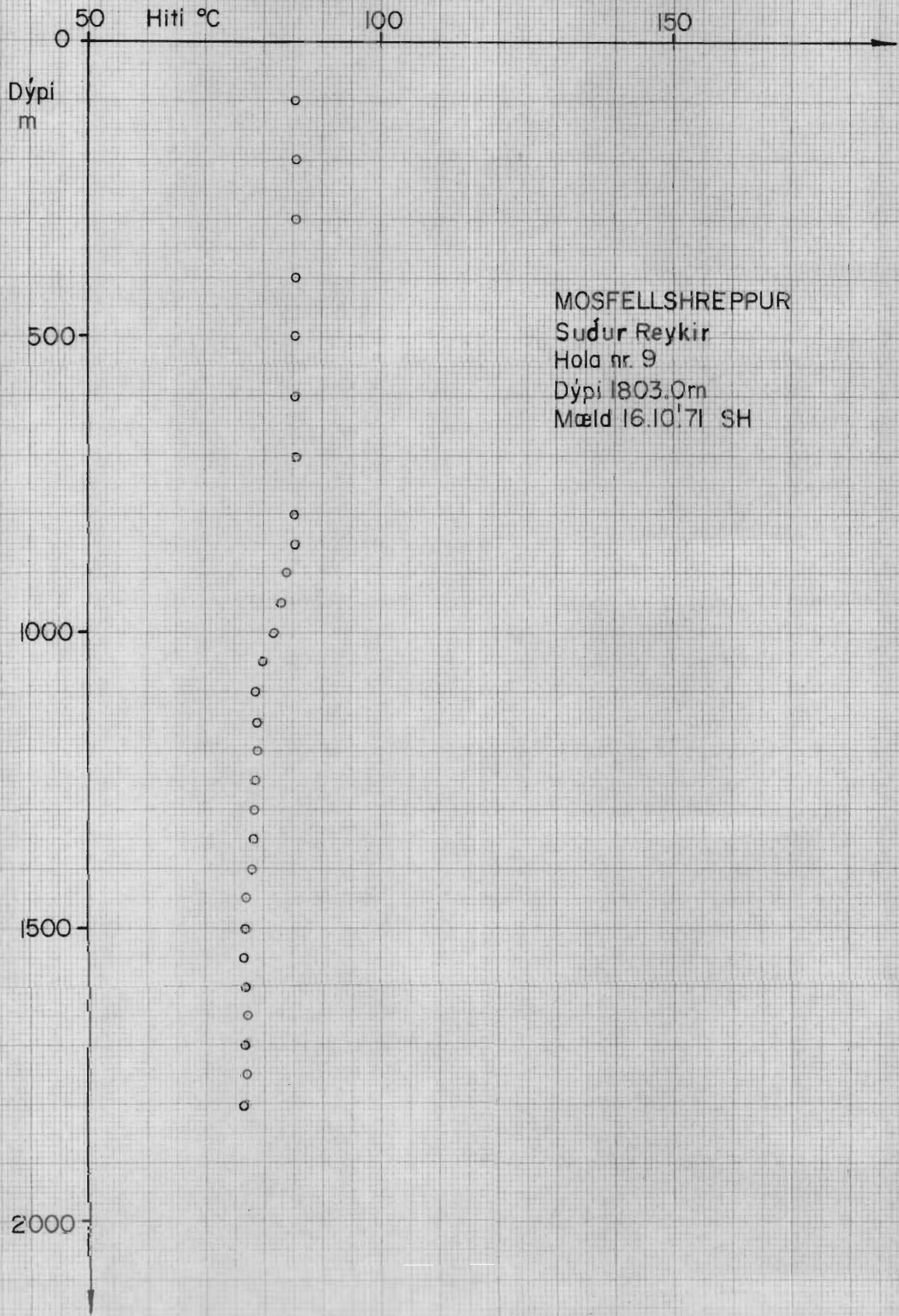
1600

1800

GULLBRINGUSÝSLA
Mosfellshreppur
Suður-Reykir
Hala MG 9
Dýpi 1803 m
Mælt með Amerada
6.8.'71 SH



Hitamælingar í borholum.



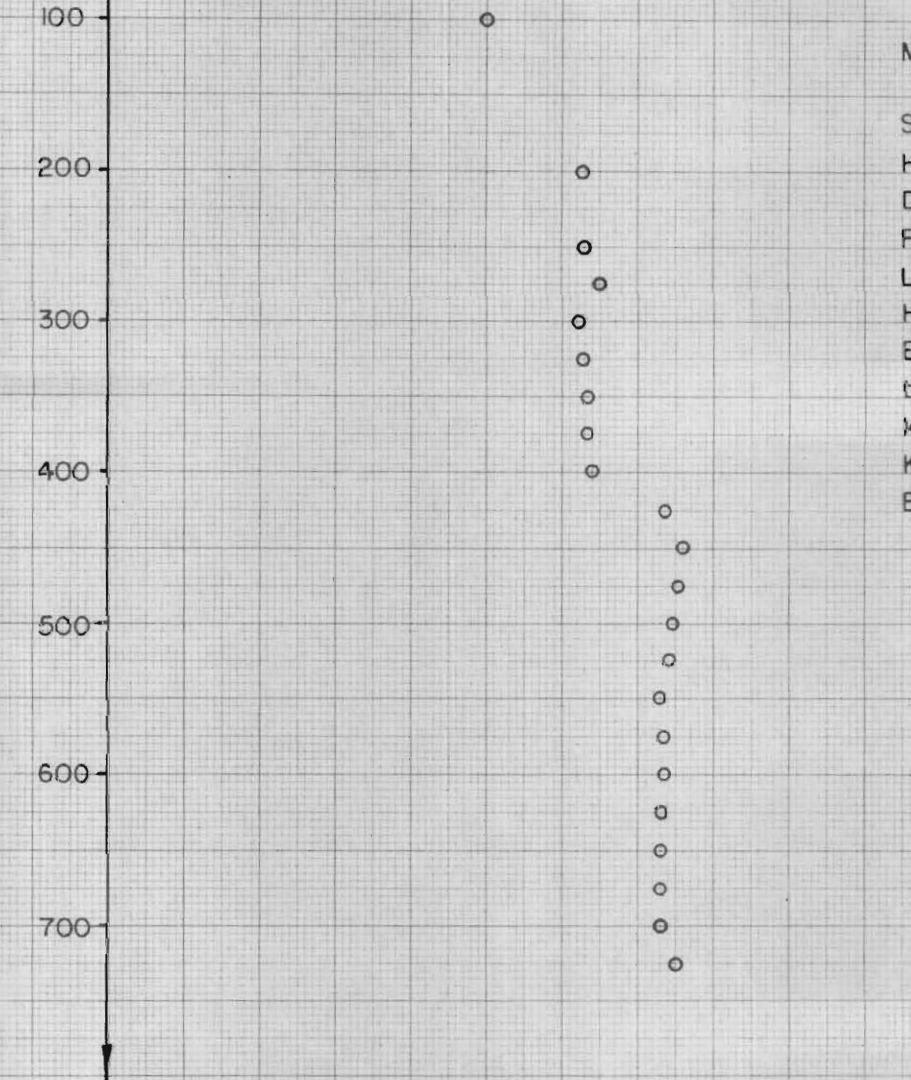
MOSFELLSHREPPUR
Suður Reykir
Hala nr. 9
Dýpi 1803.0m
Mæld 16.10.71 SH



Hitamæling í borholum.

Dýpi
m

30 40 50 60 70 Hiti °C



MOSFELLSHREPPUR

Suður Reykir

Hola MG 9

Dýpi 1803.0m

Fóðring þv. 9"

Línurit mælingar er rétt.

Hitastigi getur skakkað ± 20%.

Einangrun Thermistors

bilaði í 725 m dýpi, vatn

komst inn á tenginguna.

Kvörðun ókleif.

Borun lokið og mæld 4.6.71, SH.

73 25 01 - 323 A4 - 1 x 1 mm

Hitamælingar í borholum

0 °C

50

100

Dýpi

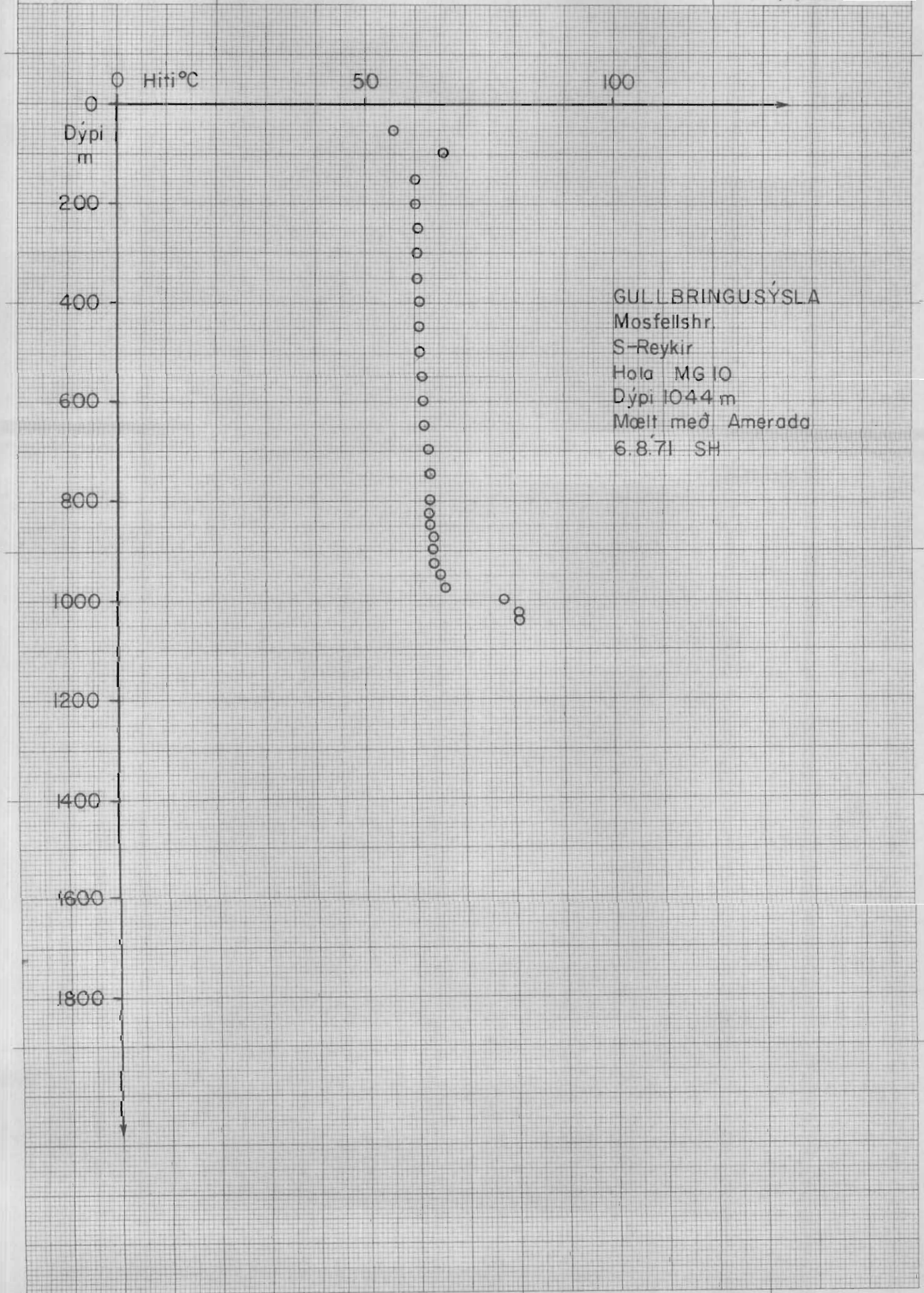
500

1000

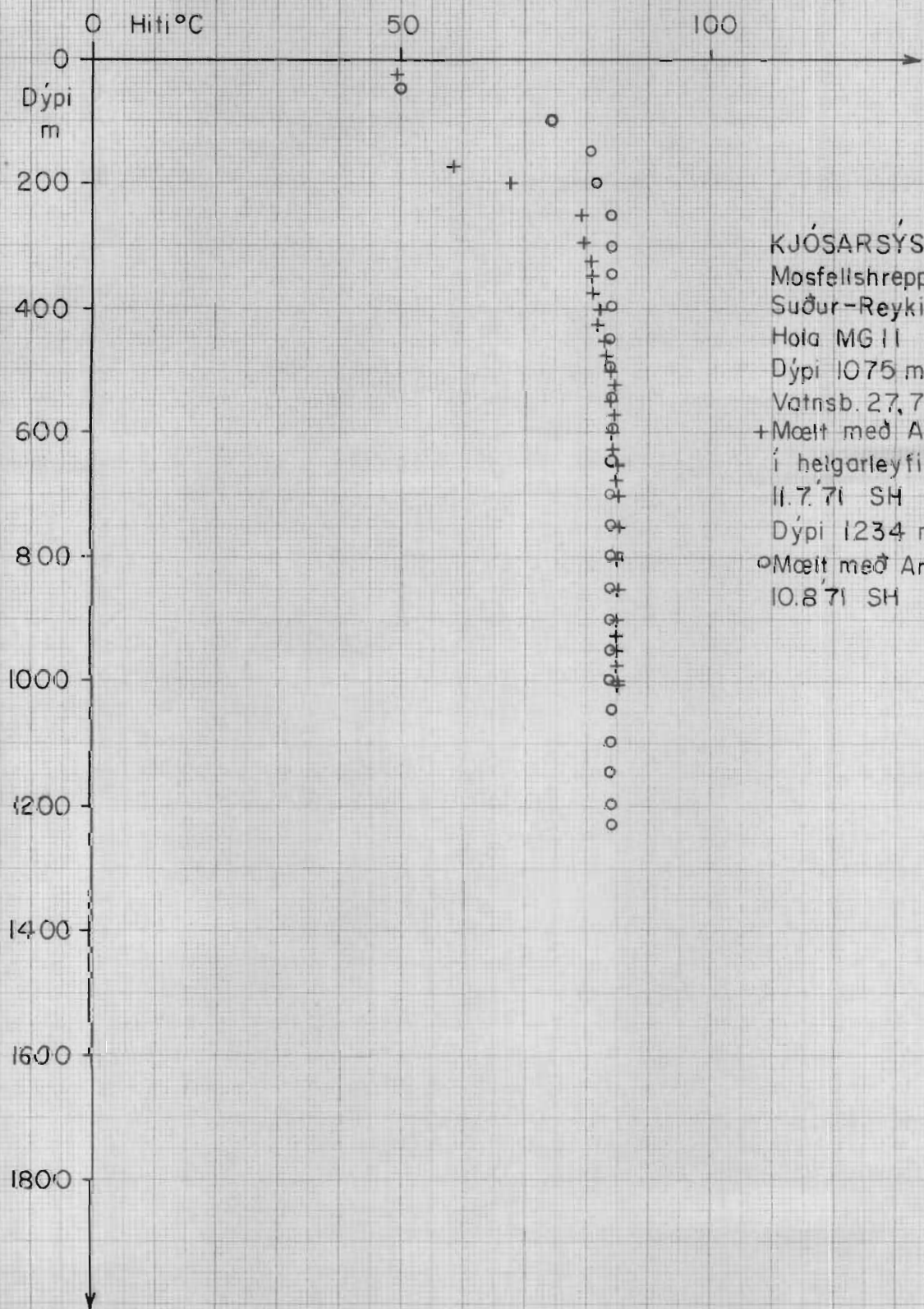
1500

Mosfellshreppur
Suður-Reykir
Höla MG-9
Dýpi 1803 m
Mælt 31.05.71 SH
Mælt m. Thermistor-
20K Ω

Hitamælingar í borholum



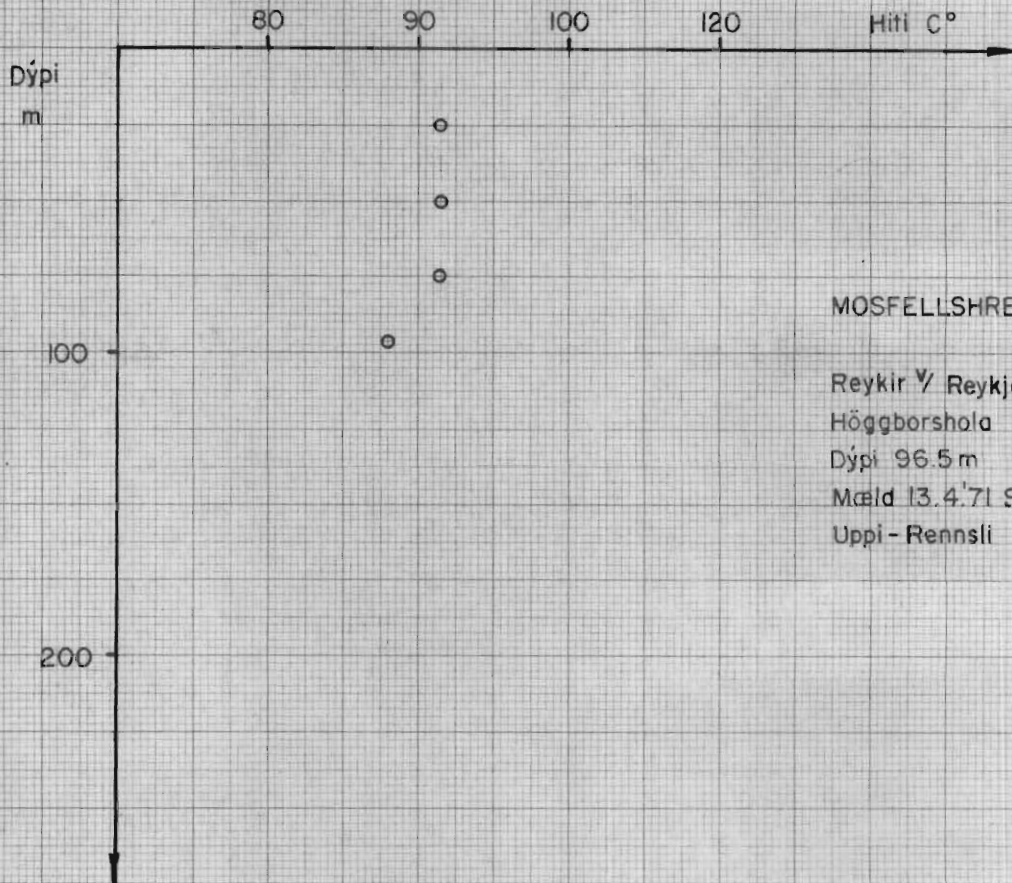
GULLBRINGUSÝSLA
Mosfellshr.
S-Reykir
Hola MG 10
Dýpi 1044 m
Mælt með Amerada
6.8.71 SH



KJÓARSÝSLA
 Mosfellshreppur
 Suður-Reykir
 Hota MG II
 Dýpi 1075 m
 Vatnsb. 27,7 m
 + Mælt með Amerada
 í helgarleyfi bormanna
 11.7.71 SH
 Dýpi 1234 m
 o Mælt með Amerada
 10.8.71 SH



Hitamæling í borholum

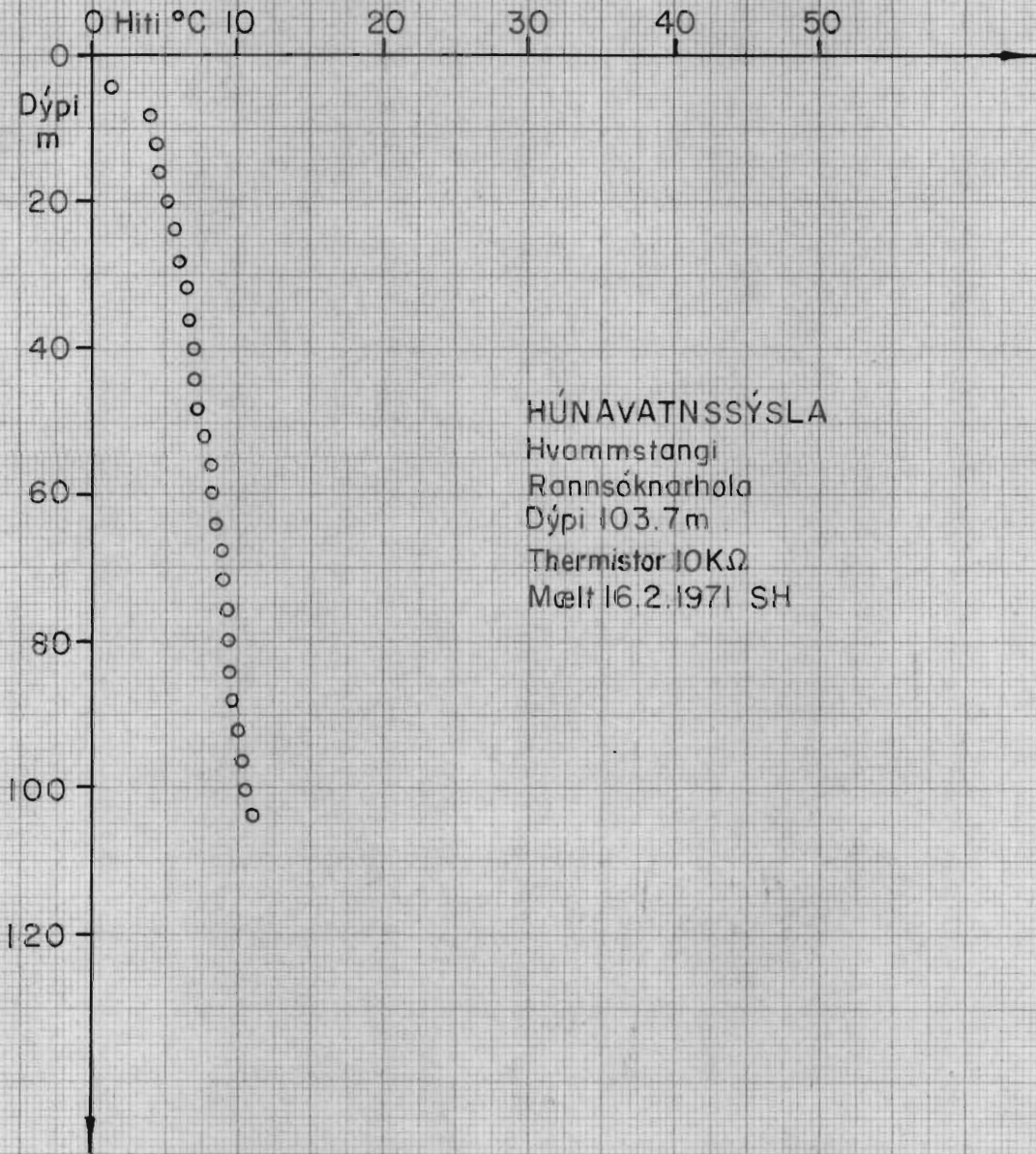


MOSFELLSHREPPUR

Reykir Ⅴ Reykjaland
Höggborshola
Dýpi 96.5 m
Mæld 13.4.71 SH
Uppi - Rennsli



Hitamælingar í borholum

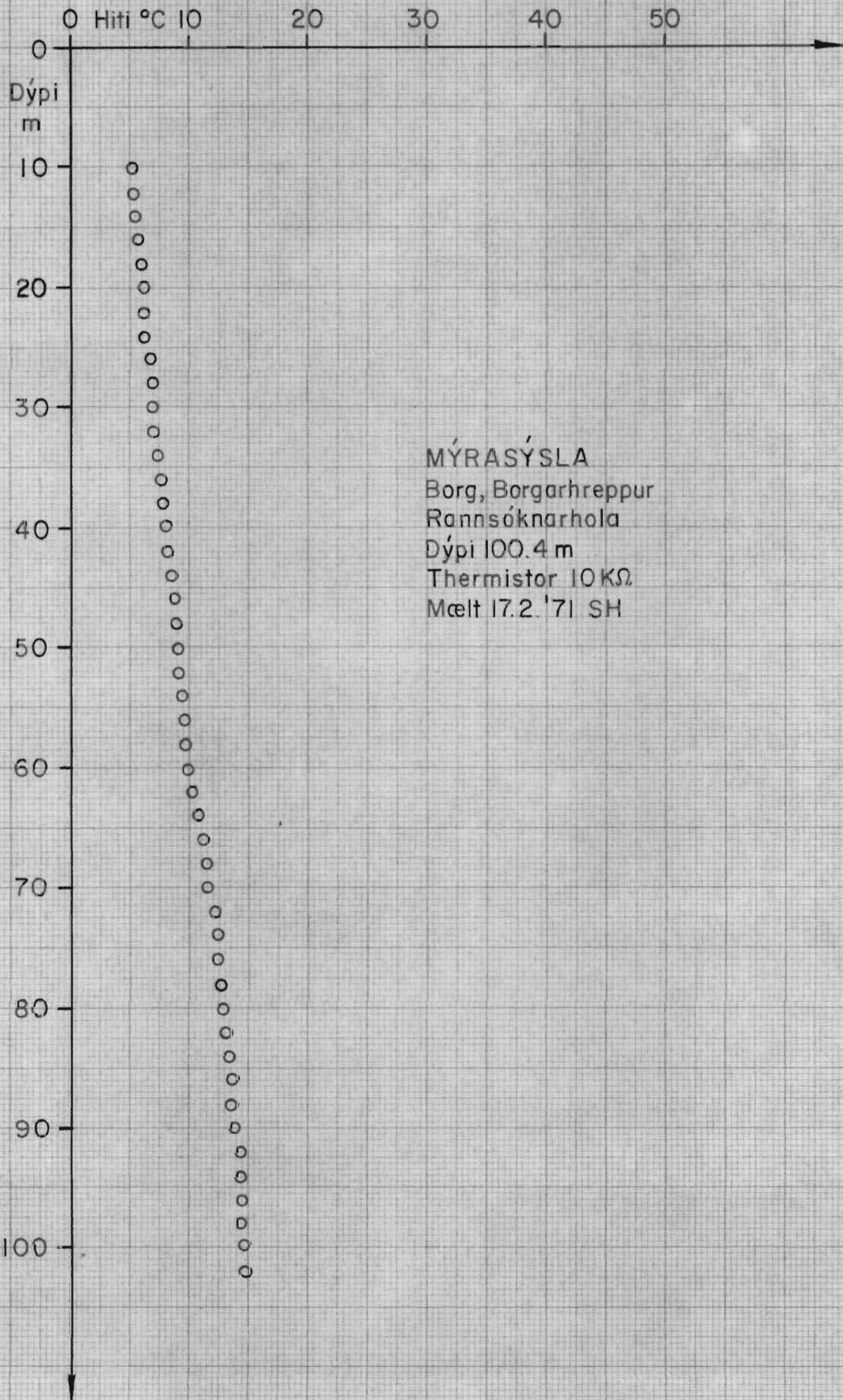


HÚNAVATNSSÝSLA
Hvammstangi
Rannsóknarhola
Dýpi 103.7m
Thermistor 10KΩ
Mælt 16.2.1971 SH

73 25 01 - 523 A4 - 1 x 1 mm

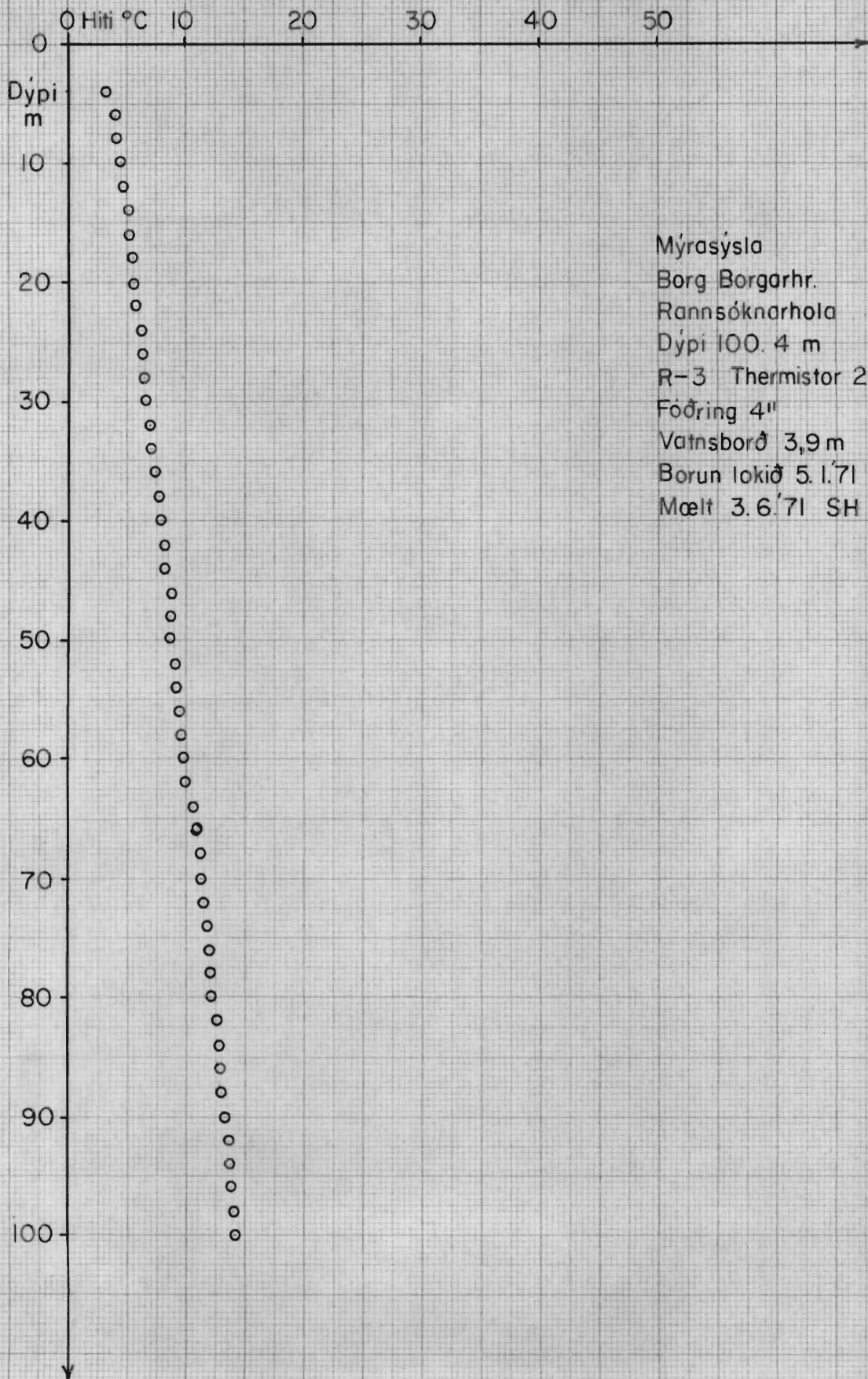


Hitamælingar í borholum



MÝRASÝSLA
Borg, Borgarhreppur
Rannsóknarhola
Dýpi 100.4 m
Thermistor 10KΩ
Mælt 17.2. '71 SH

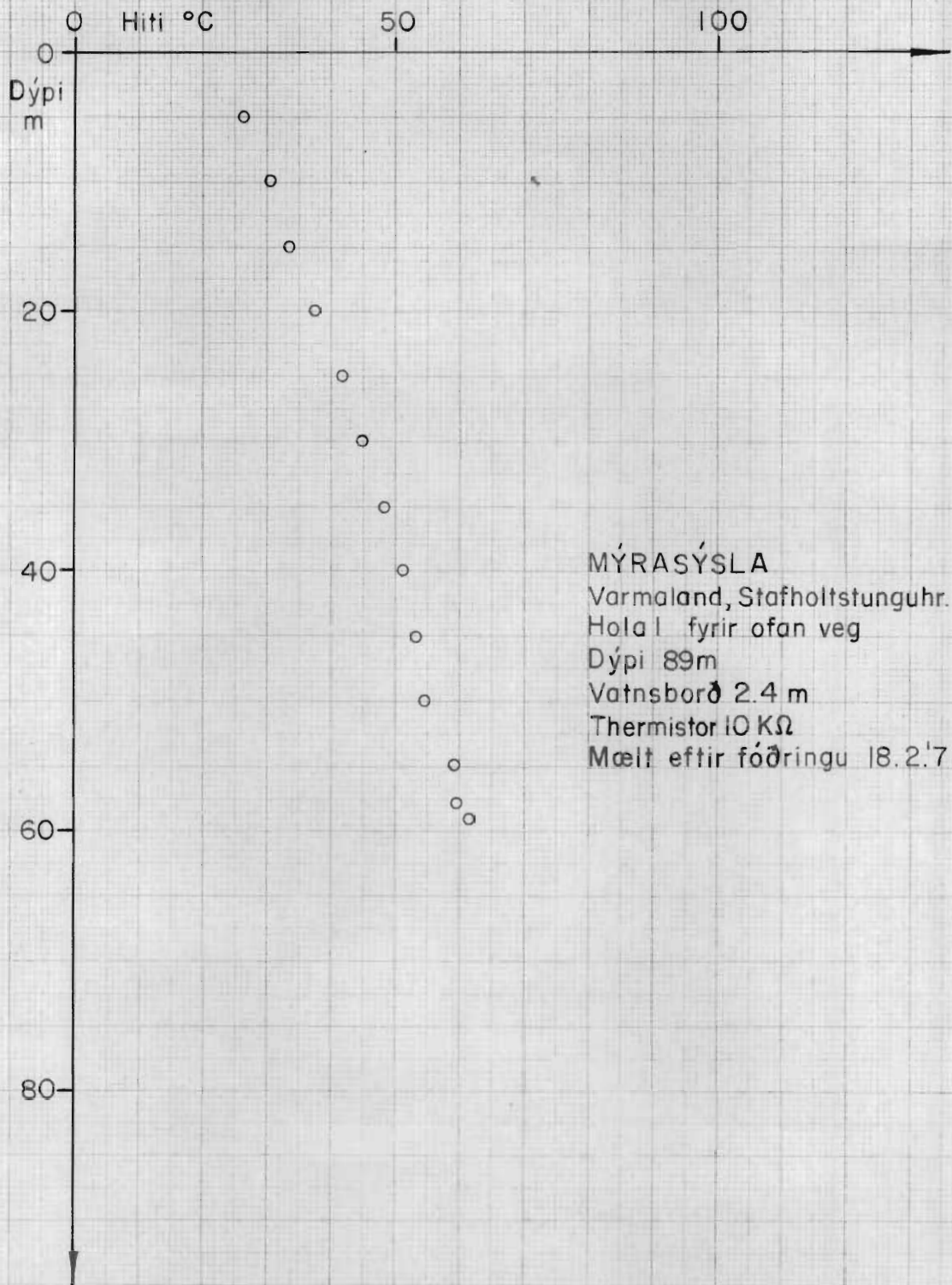
73 25 01 - 523 A4 - 1 x 1 mm



Mýrasýsla
 Borg Borgarhr.
 Rannsóknarhola
 Dýpi 100.4 m
 R-3 Thermistor 25 KΩ
 Föðring 4"
 Vatnsborð 3.9 m
 Borun lokið 5.1.'71
 Mælt 3.6.'71 SH



Hitamælingar í borholum

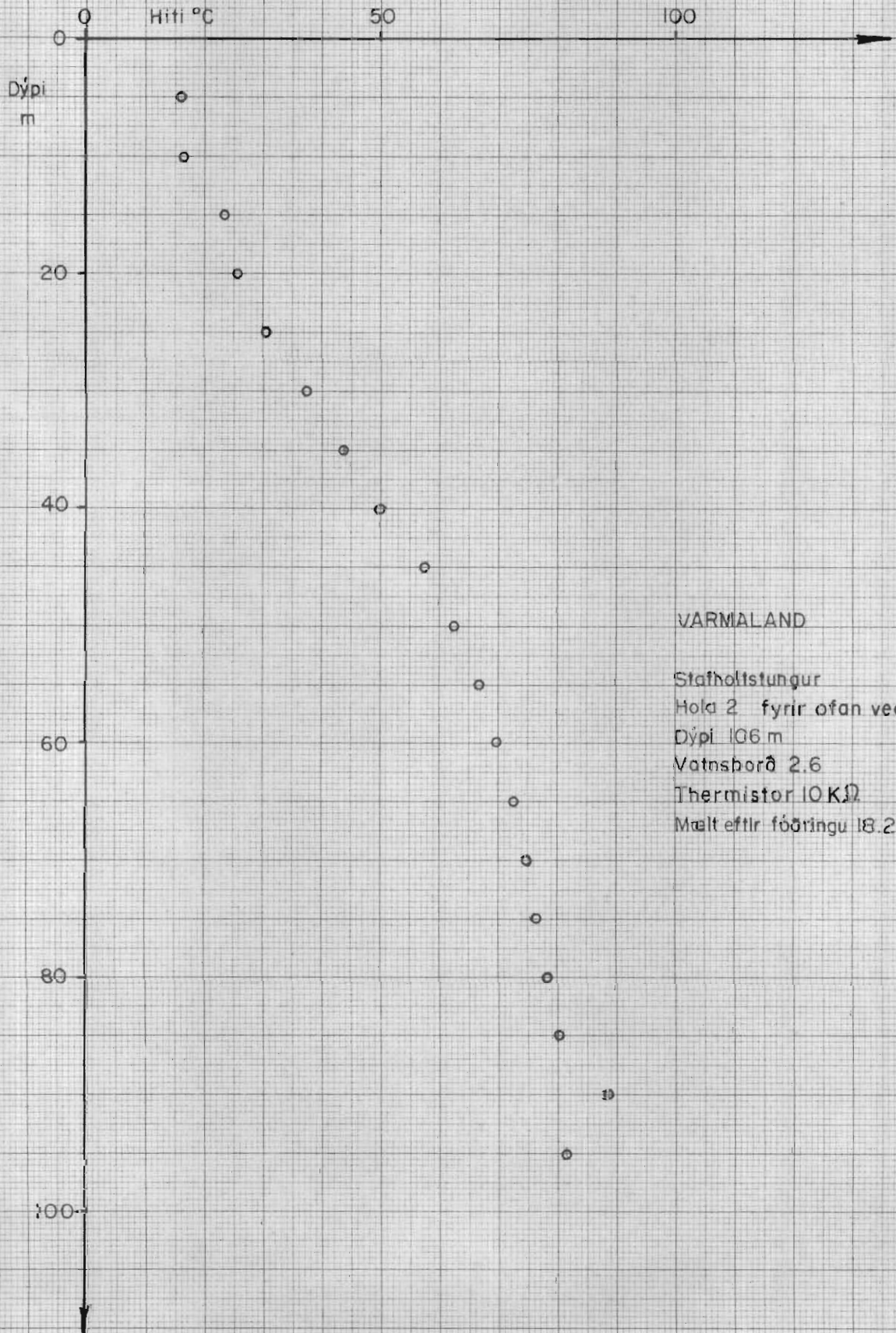


MÝRASÝSLA
Varmaland, Stafholtstunguhr.
Hóla 1 fyrir ofan veg
Dýpi 89m
Vatnsborð 2.4 m
Thermistor 10 KΩ
Mælt eftir fóðringu 18.2.71

7325 01 - 533 A4 - 1 x 1 mm



Hitamælingar í borholum.



VARMALAND

Stafholtstungur

Hola 2 fyrir ofan veg

Dýpi 106 m

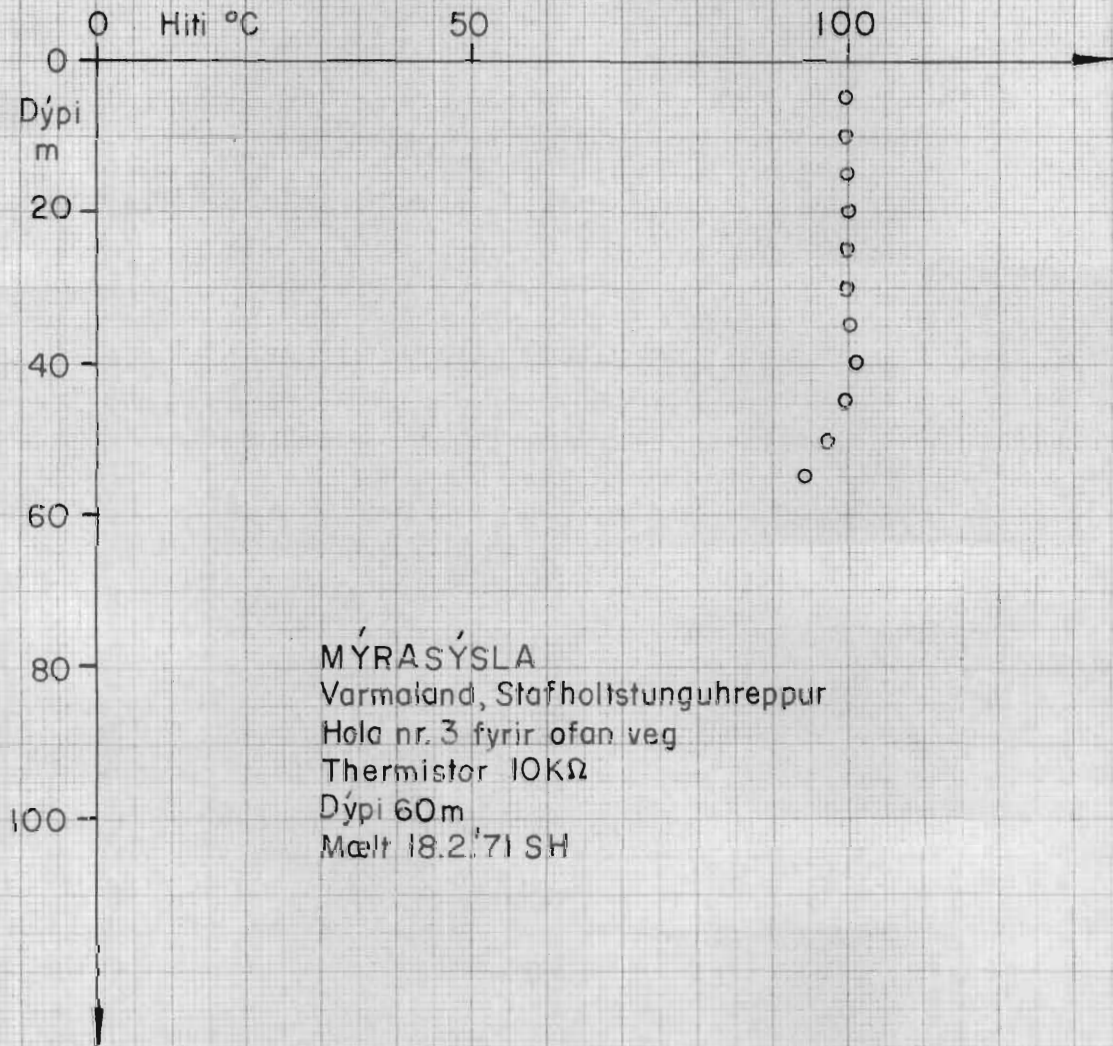
Vatnsborð 2.6

Thermistor 10KΩ

Mælt eftir fóðringu 18.2.71



Hitamælingar í borholum

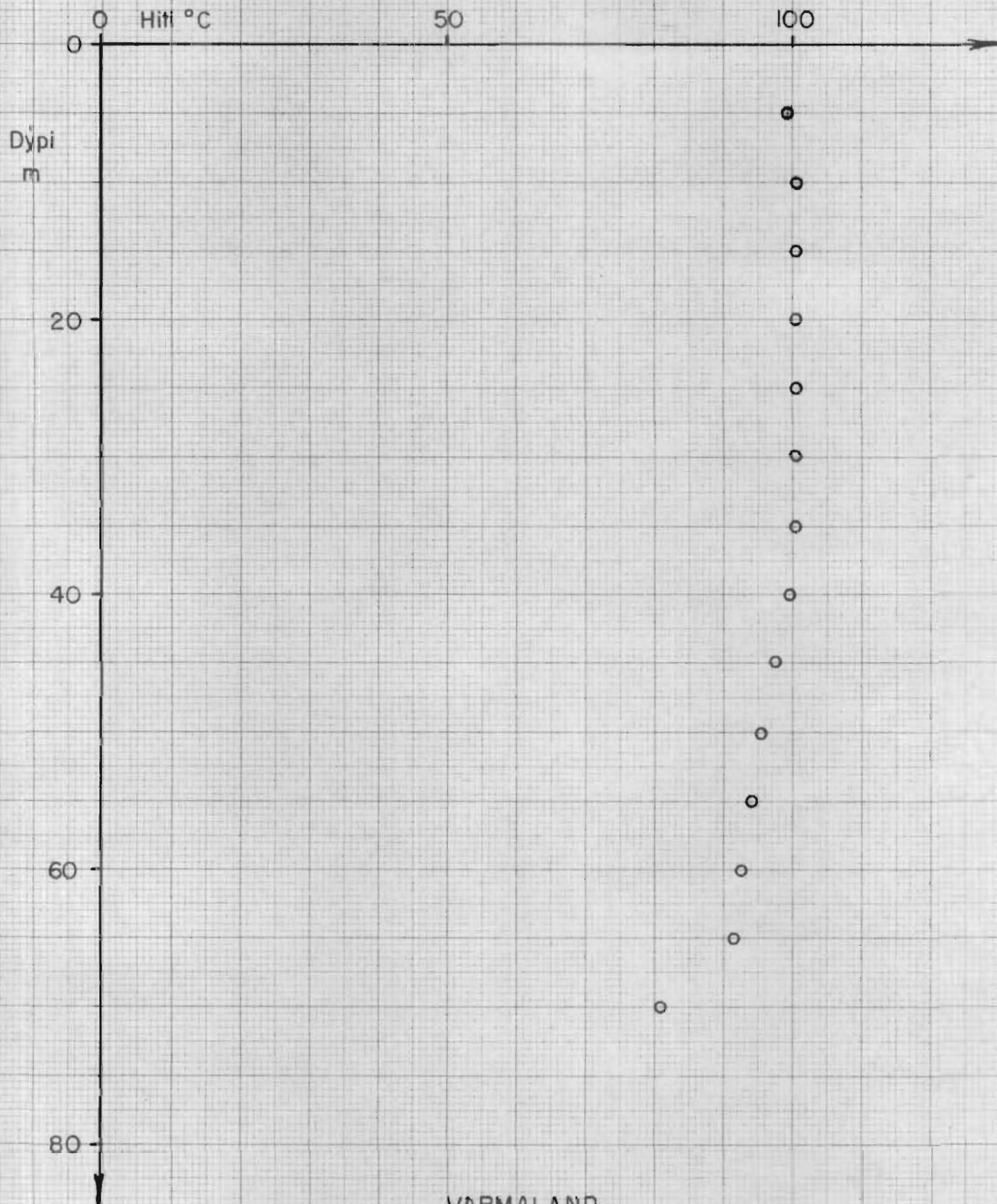


MÝRASÝSLA
Varmaland, Stafholtstunguhreppur
Hola nr. 3 fyrir ofan veg
Thermistor 10KΩ
Dýpi 60m
Mælt 18.2.71 SH

7325 01 - 923 A4 - 1 x 1 mm



Hitamæling í borholum.



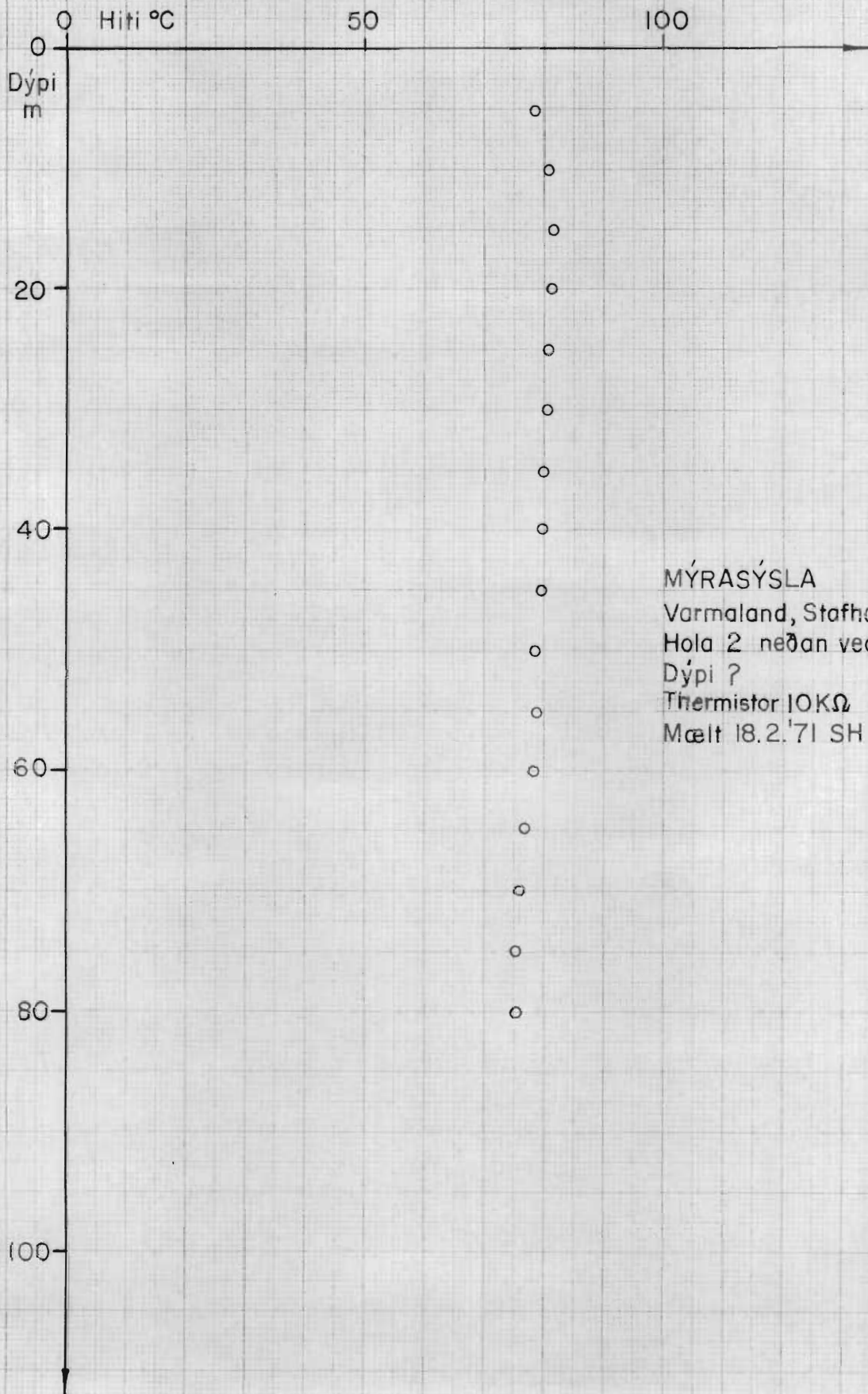
VARMALAND

Stafholtstunguhreppur
Hóla í neðan vegar
Dýpi 72m
Thermistor 10 KΩ
o Mæld 18.2.71 SH

1/25 01 521 A1 1 x 1 mm



Hitamælingar í borholum

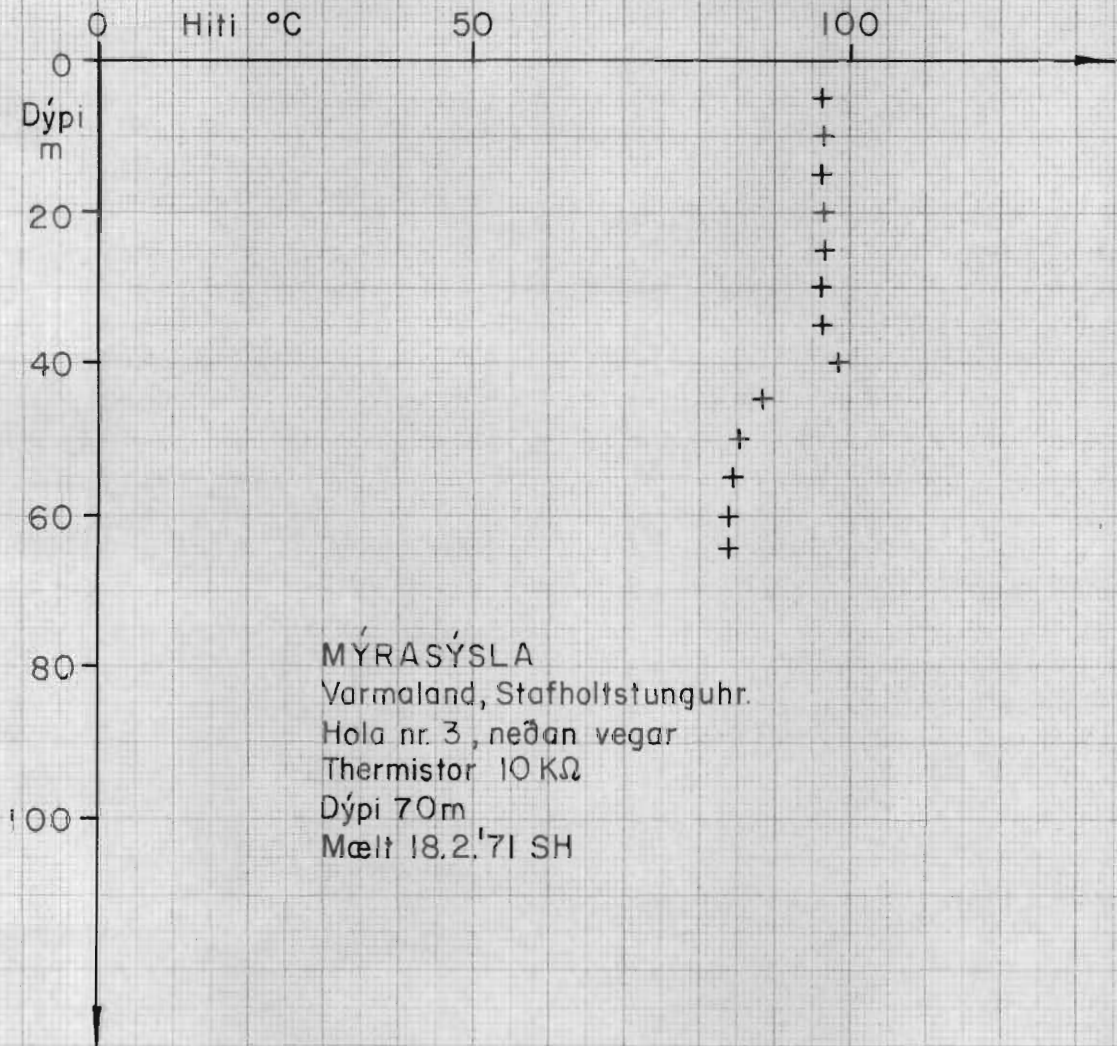


MÝRASÝSLA
Varmaland, Stafholtst.hr.
Hala 2 neðan vegar
Dýpi ?
Termistor 10KΩ
Mælt 18.2.'71 SH

318 73 25 01 - 243 44 - 1 x 1 mm



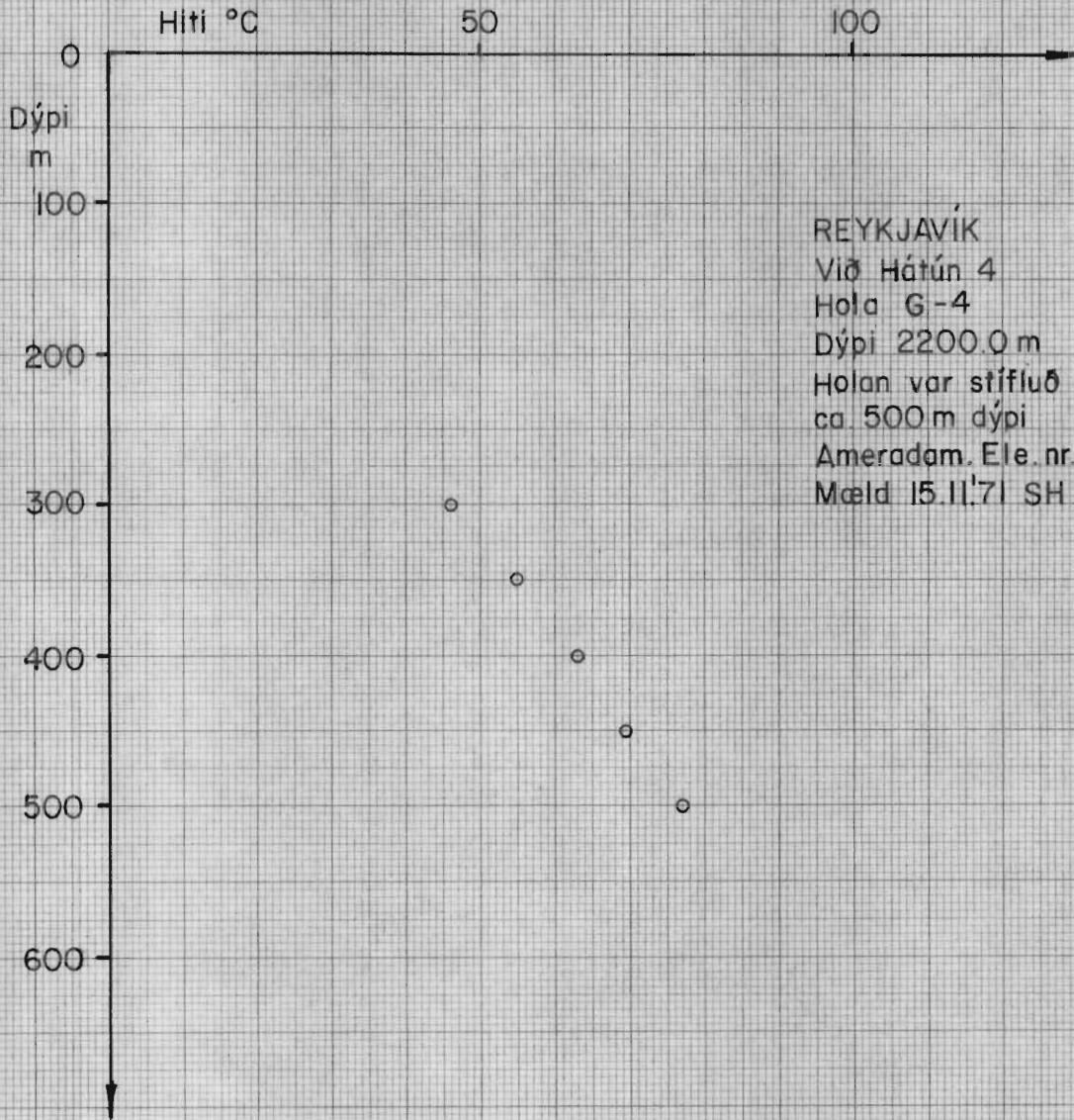
Hitamælingar í borholum



MÝRASÝSLA
Varmaland, Stafholtstunguhr.
Hola nr. 3, neðan vegar
Thermistor 10 KΩ
Dýpi 70m
Mælt 18.2.71 SH

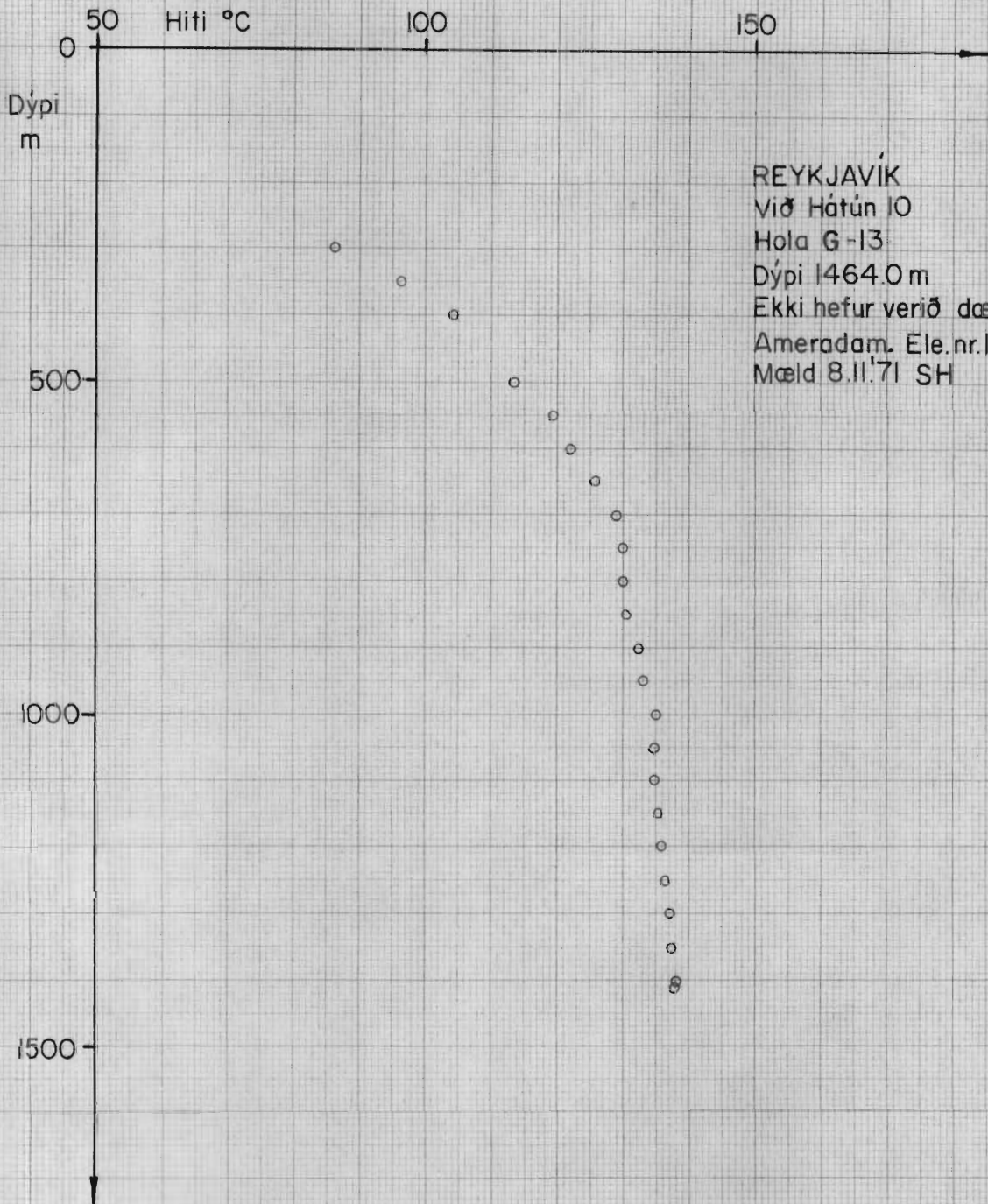
73 25 01 - 523 A4 - 1 x 1 mm

Hitamælingar í borholum.



REYKJAVÍK
Við Hátún 4
Hóla G-4
Dýpi 2200.0 m
Holan var stífluð í
ca. 500 m dýpi
Ameradam. Ele. nr. 1
Mæld 15.11.71 SH

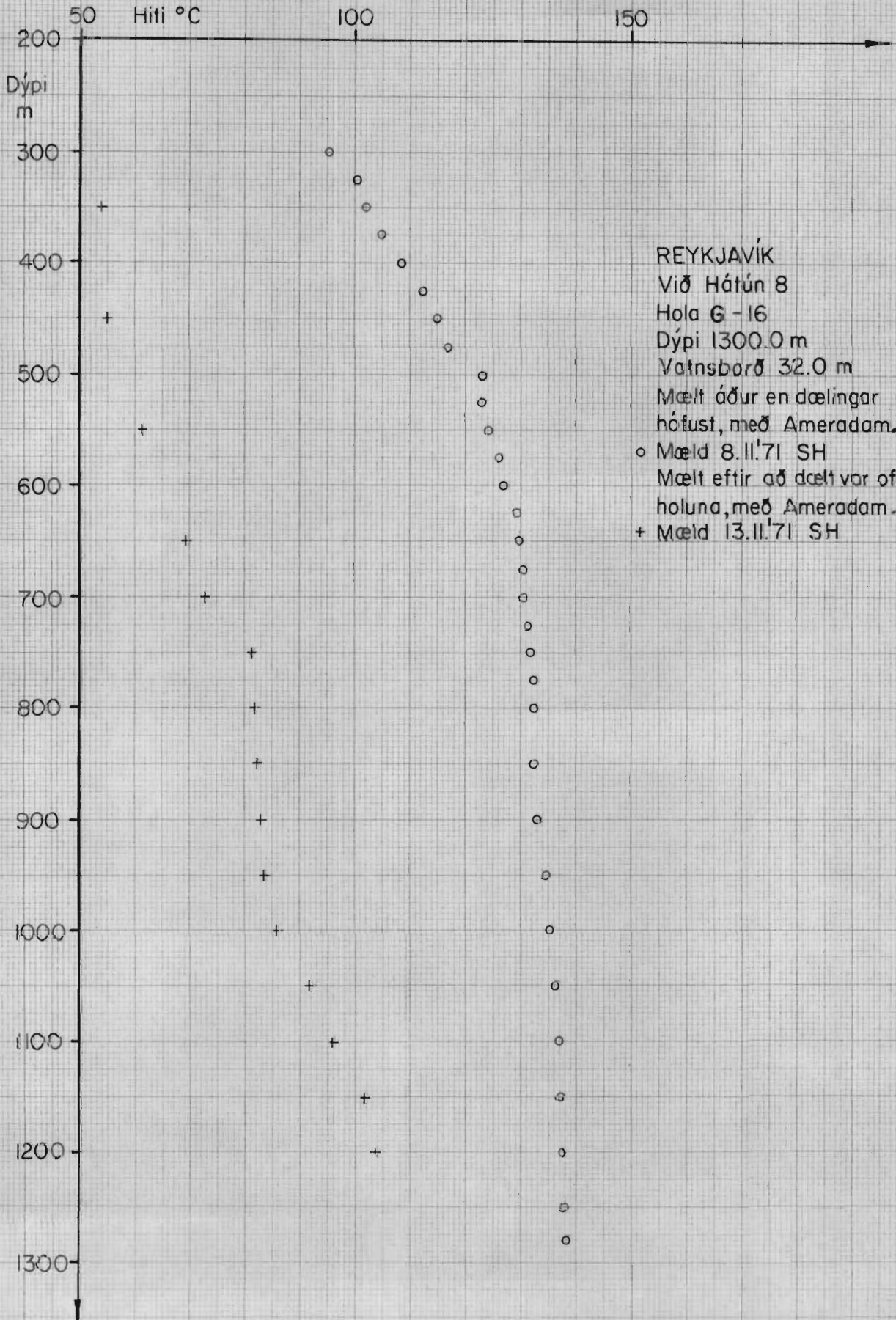
Hitamælingar í borholum.



REYKJAVÍK
Við Hátún 10
Hóla G-13
Dýpi 1464.0 m
Ekki hefur verið dælt úr holunni
Ameradam. Ele.nr.1
Mæld 8.11.71 SH

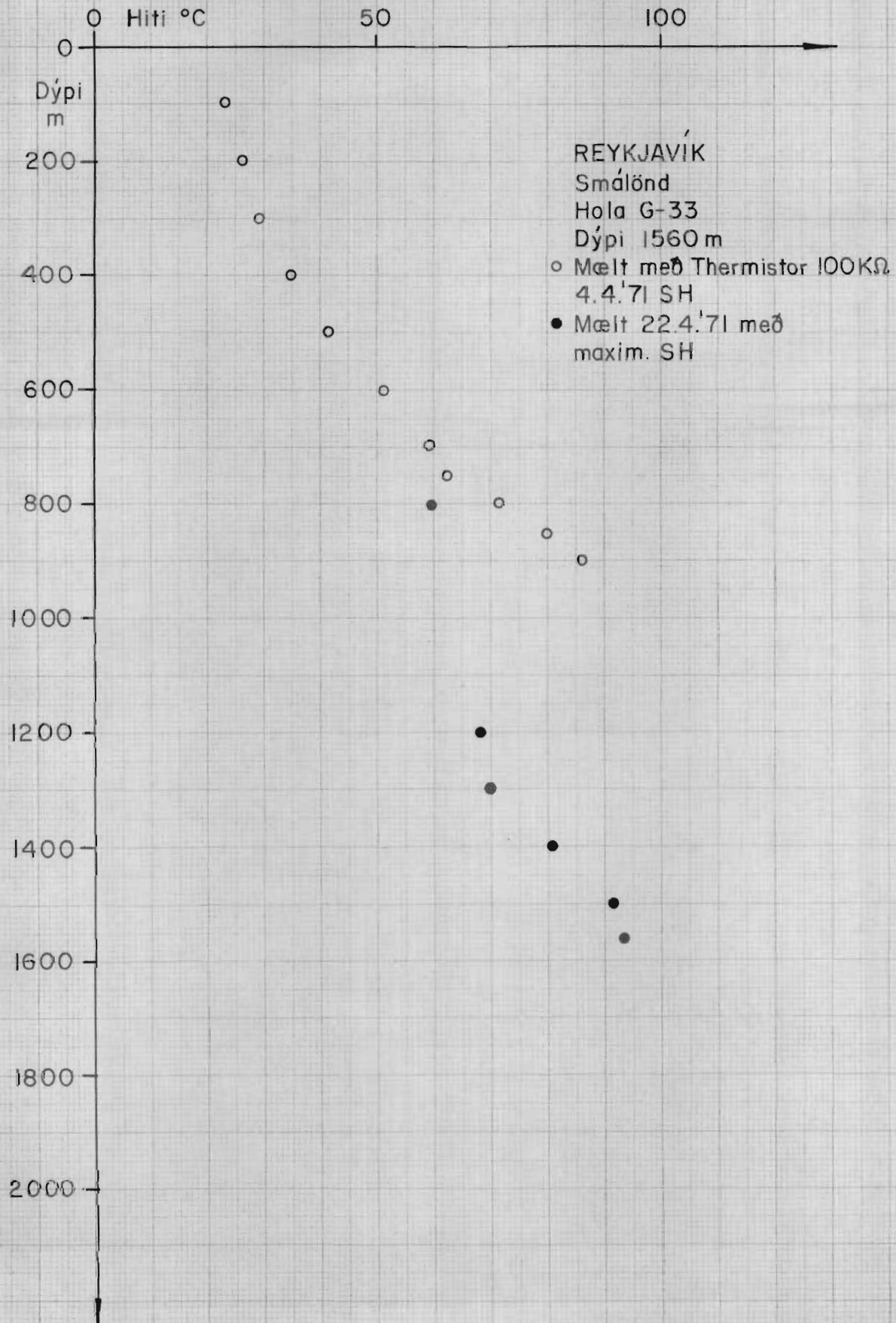
313 3 1 25 07 - 523 A4 - 1 x 1 mm

Hitamælingar í borholum.



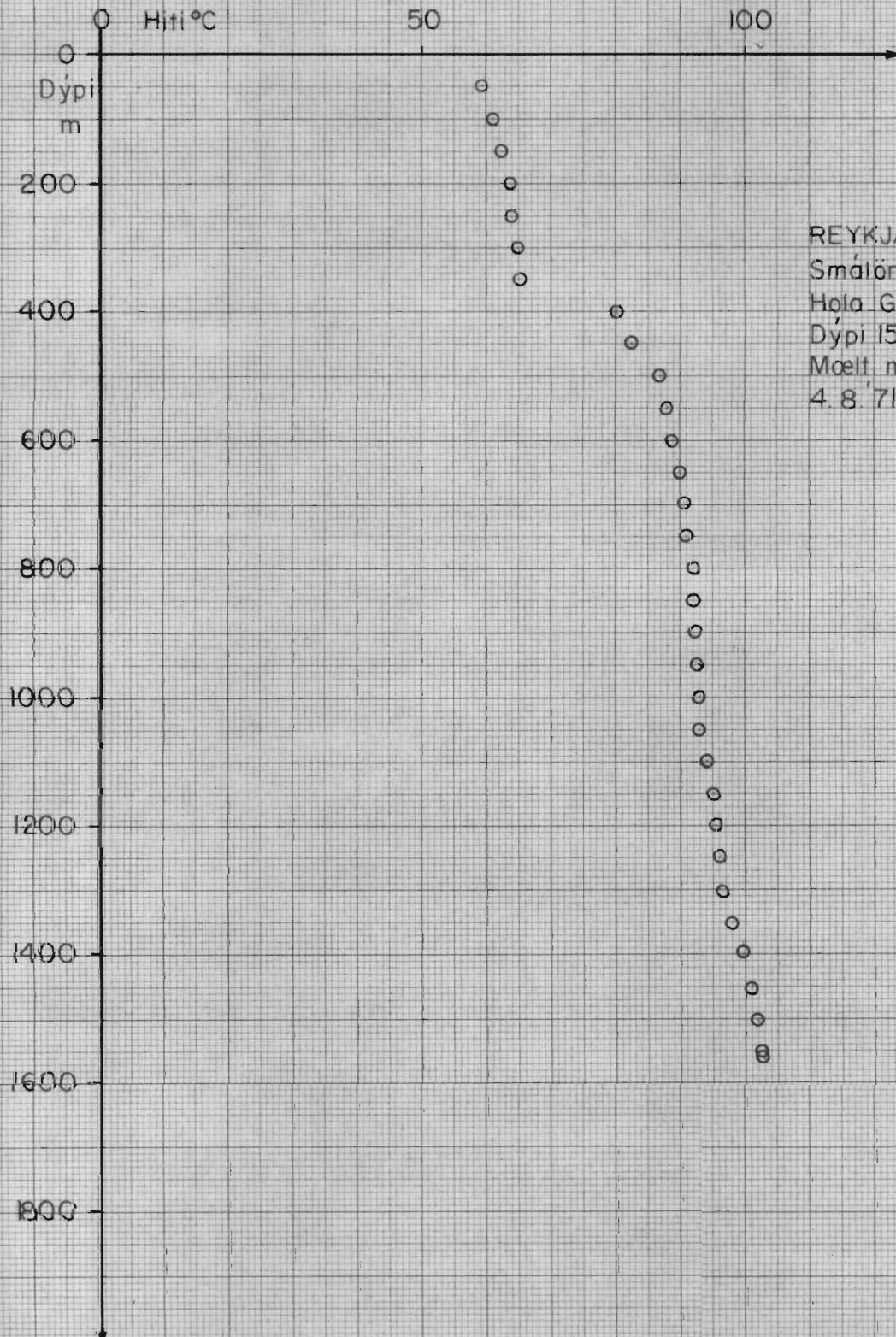
REYKJAVÍK
Við Hátún 8
Hala G-16
Dýpi 1300.0 m
Vatnsborð 32.0 m
Mælt áður en dælingar
hófust, með Ameradam.E.L.I
o Mæld 8.II.71 SH
Mælt eftir að dælt var ofan í
holuna, með Ameradam.E.L.I
+ Mæld 13.II.71 SH

Hitamælingar í borholum



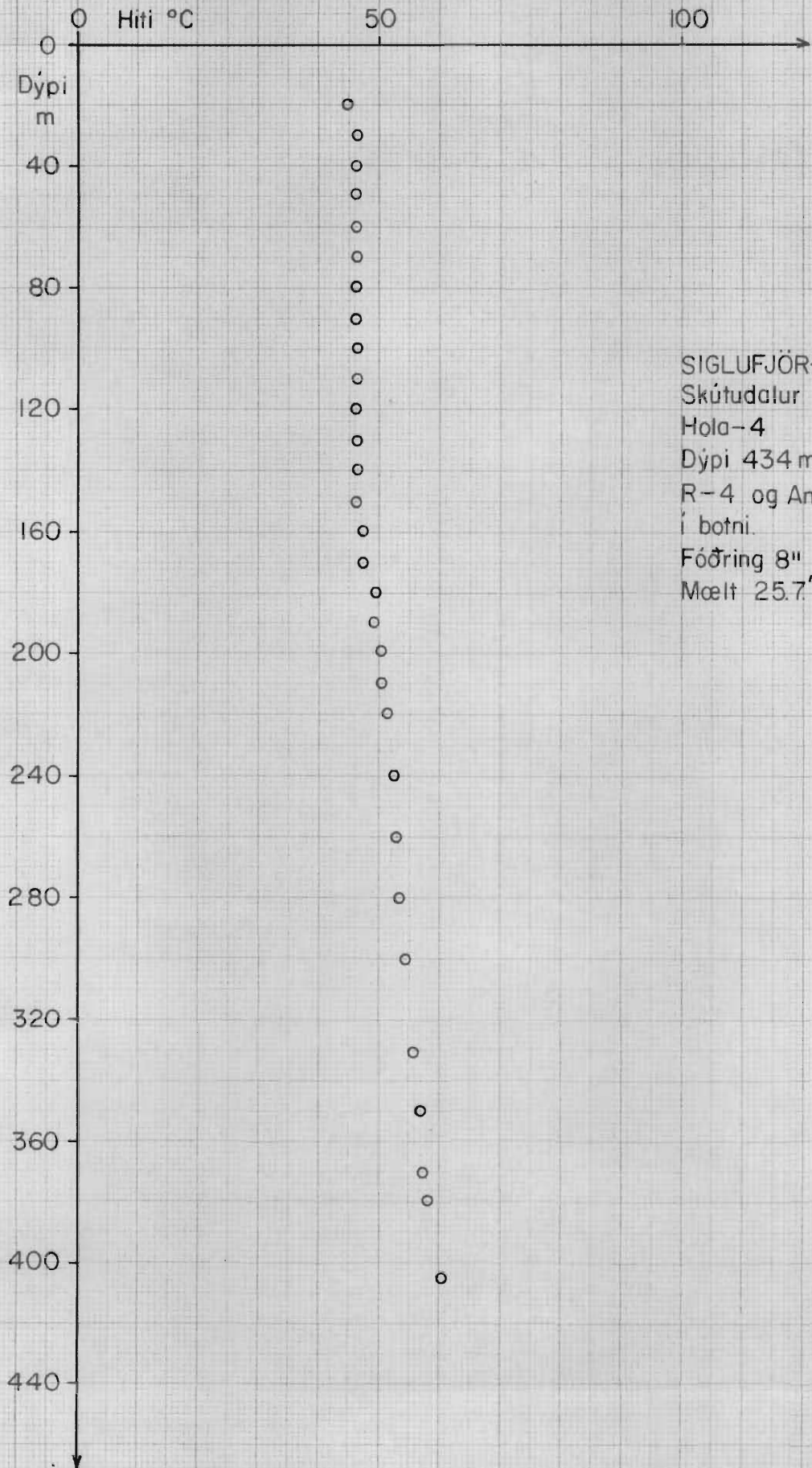
73 25 01 - 373 24 - 1 K T 1000

Hitamælingar í borholum

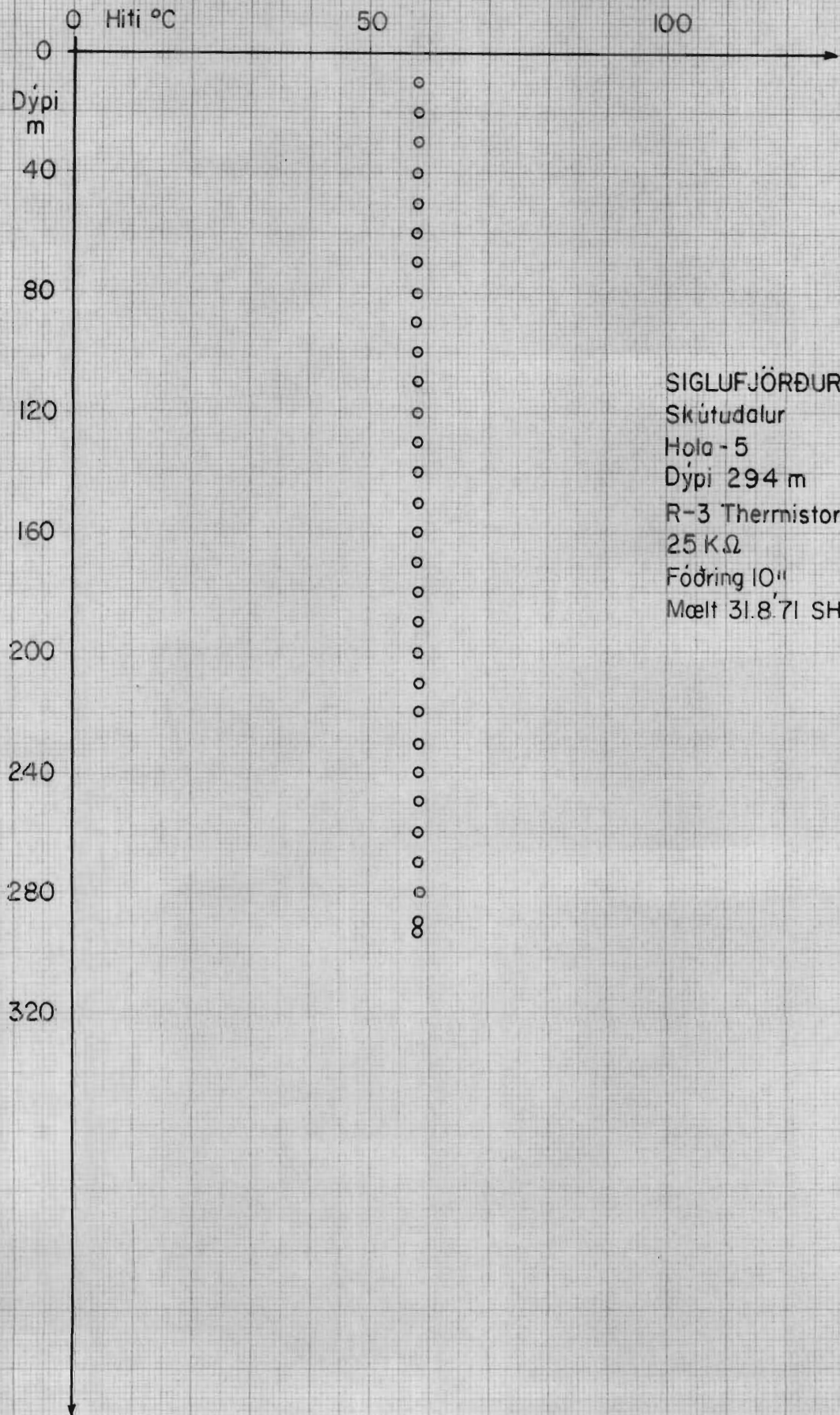


REYKJAVÍK
Smálönd
Hala G 33
Dýpi 1560 m
Mælt með Amerada
4.8.71 SH

Hitamælingar í borholum



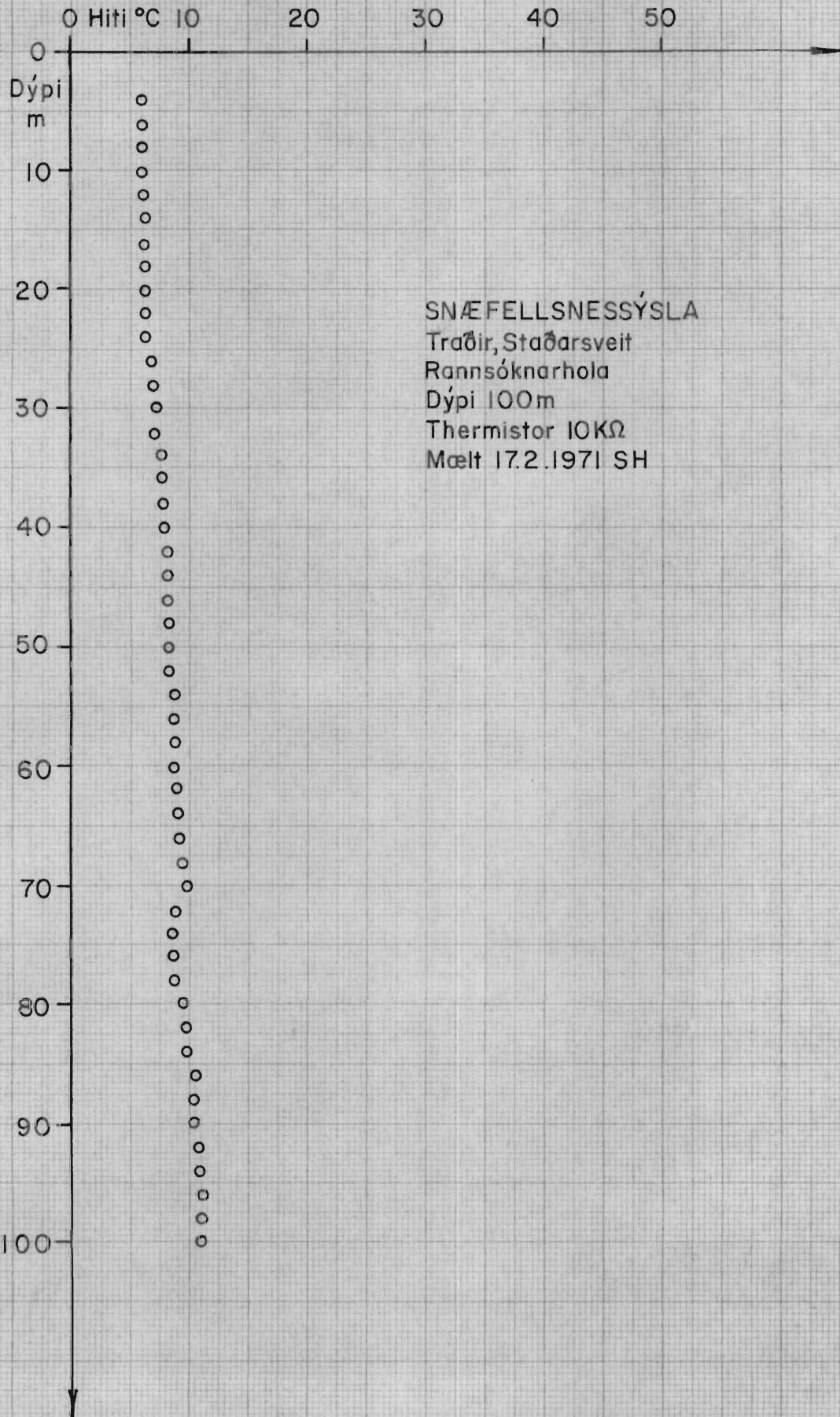
SIGLUFJÖRÐUR
Skútudalur
Hóla-4
Dýpi 434 m
R-4 og Amerada
í botni.
Fóðring 8"
Mælt 25.7.71 SH



SIGLUFJÖRÐUR
Skútudalur
Hóla - 5
Dýpi 294 m
R-3 Thermistor
25 K Ω
Fóðring 10"
Mælt 31.8.71 SH

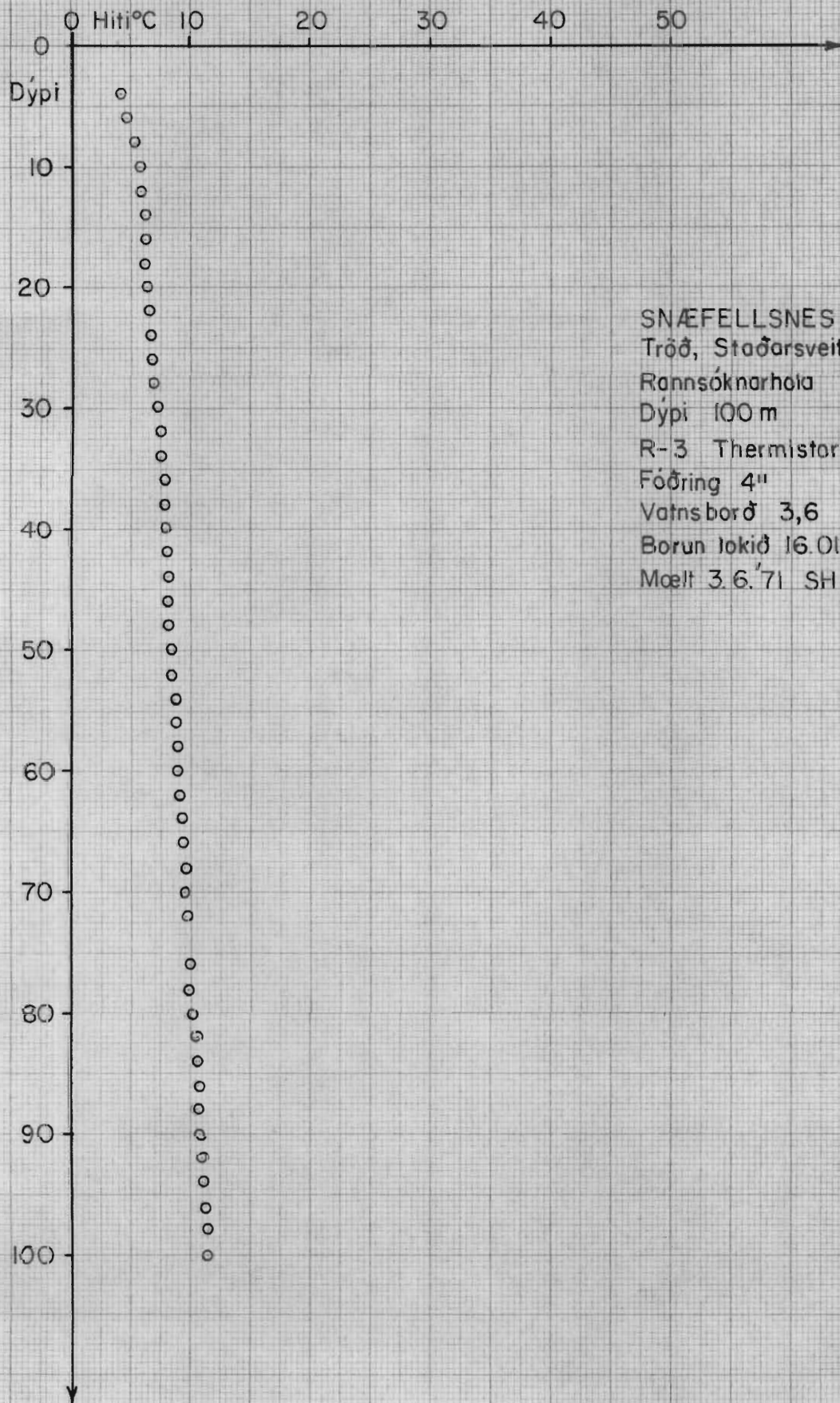


Hitamælingar í borholum



7325 01 - 323 A4 - 1 x 1 mm

Hitamoelingar í borholum

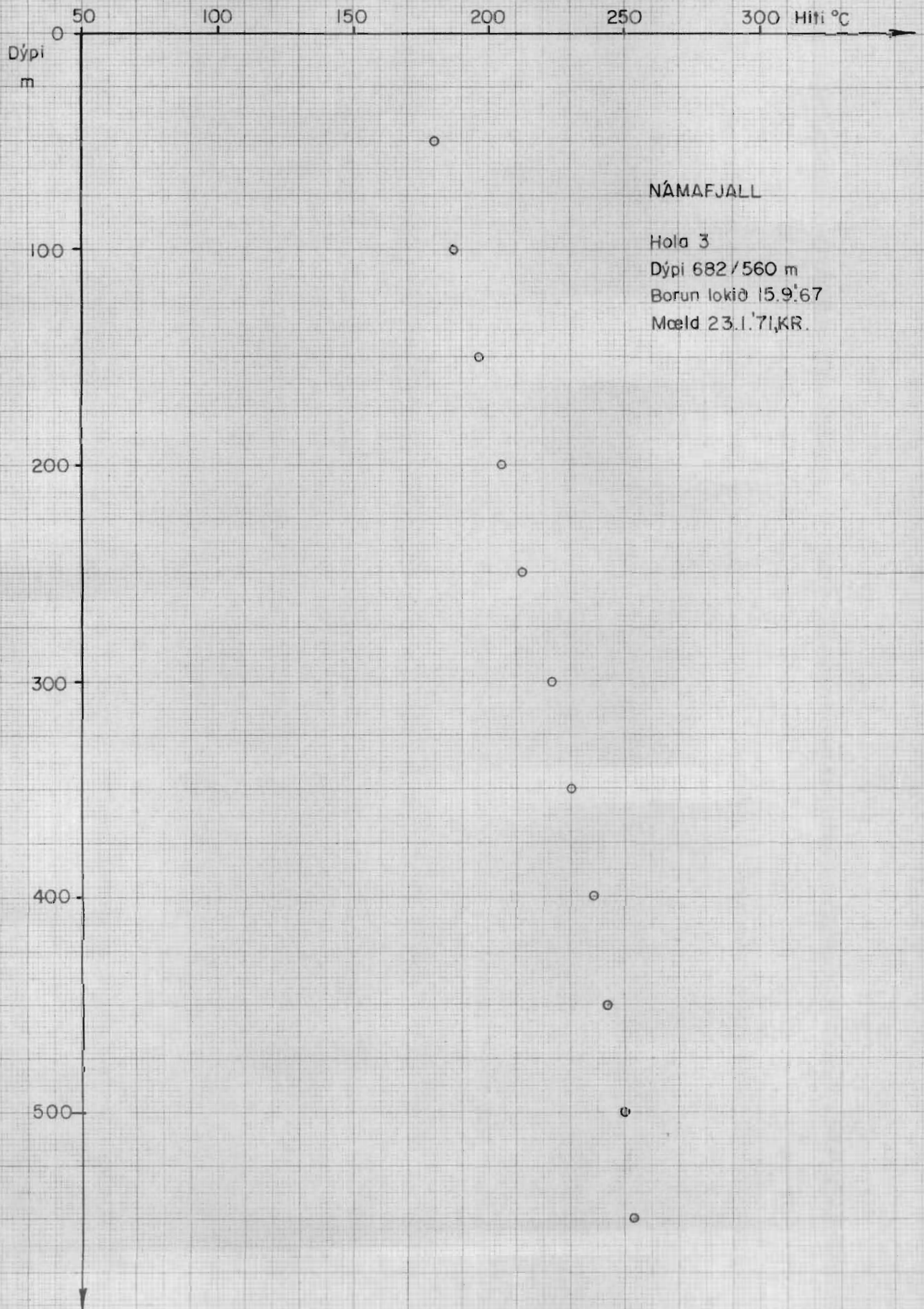


SNÆFELLSNES
Tröð, Staðarsveit
Rannsóknarhola
Dýpi 100 m
R-3 Thermistor 25 K Ω
Fóðring 4"
Vatnsborð 3,6
Borun lokið 16.01.71
Mælt 3.6.71 SH

73 25 01 - 533 A4 - 1 x 1 mm



Hitamælingar í borholum



NÁMAFJALL

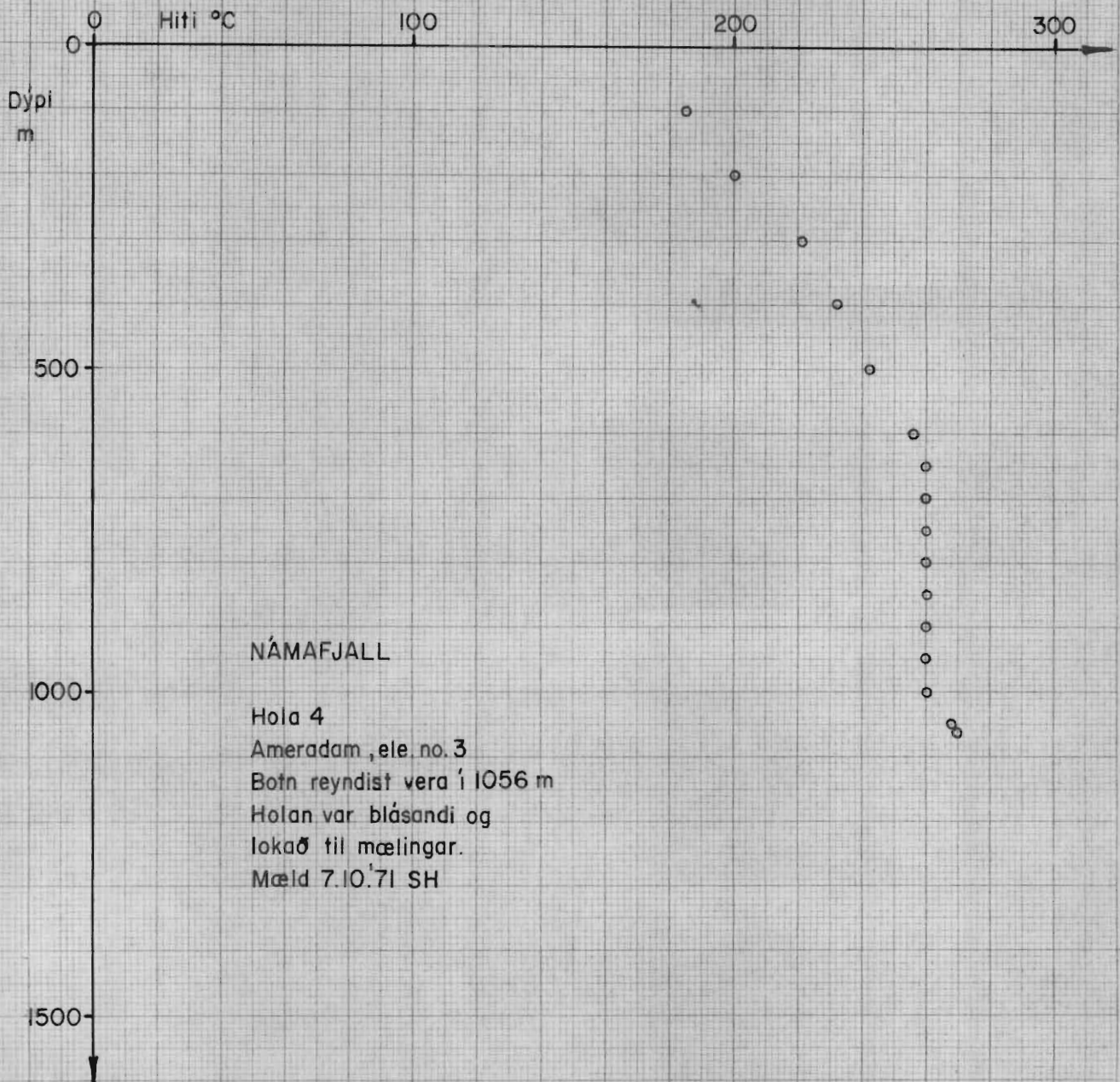
Hola 3

Dýpi 682/560 m

Borun lokið 15.9.67

Mæld 23.1.71, KR.

Hitamælingar í borholum.

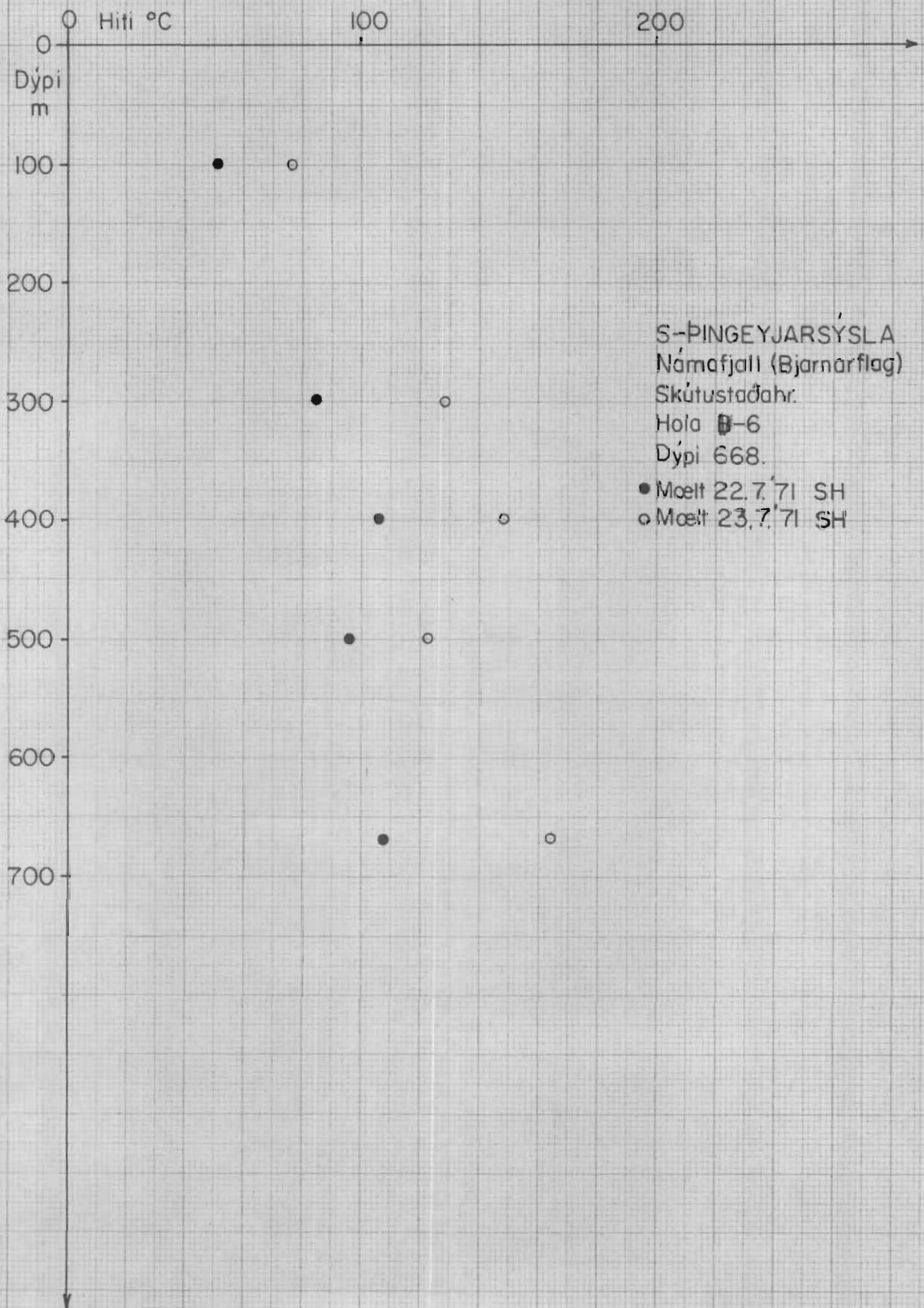


NÁMAFJALL

Hola 4
Ameradam, ele. no. 3
Botn reyndist vera í 1056 m
Holan var blásandi og
lokað til mælingar.
Mæld 7.10.71 SH

722501 - 323 A4 - 121 mm

Hitamælingar í borholum.



S-PINGEYJARSÝSLA
Námáfjall (Bjarnárflög)
Skútustaðahr.
Hóla B-6
Dýpi 668.

73.2501-523.44-10.01