

Bjarni Kristinss.
BK-GB-81/02



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COBRABORUN Í GEIRADAL
A-BARÐASTRANDASÝSLU Í OKTÓBER 1981

Bjarni Kristinsson
Gunnar Birgisson

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Október 1981

GREINARGERÐ

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Dagana 1, 2 og 3. október var Cobraborað í Geiradal í A-Barða-
strandasýslu, á hálsinum norðan Geiradalsár, gegnt bænum Brekku.
Ætlunin var að kanna dýpi á klöpp fyrir væntanlegt spennuvirki.
Verkið unnu Bjarni Kristinsson og Gunnar Birgisson, báðir frá
Orkustofnun og var það gert fyrir línudeild Rafmagnsveita ríkisins.
Boraðar voru 31 hola, 0.8 til 8.0 m. Röskir 2/3 holana eru á svæði
I (sjá meðfylgjandi kort) en u.þ.b. 1/3 á svæði II.

Á svæði II eru víðast 6-7 m á klöpp, en á svæði I er það mun
breytilegra. Þar sem landið er með minnstum halla er dýpi á
fast u.þ.b. 4 til 8 m, en minna þegar landhallinn vex eða nær
dregur klöppunum. Gott samræmi er á milli dýpa í samstæðum holum
utan GC-24. Þar var tvíborað með 2 m millibili og fékkst dýpið
2.0 og 2.8 m og steytti borinn þar annað hvort á lausum steinum
eða klöpp.

Athygli skal vakin á, að það þarf ekki að vera klöpp, sem
Cobradorinn stansar á, heldur kann það að vera stakur steinn.
Þegar borinn hættir að ganga niður án þess að hann augljóslega
slái á grjót eða klöpp, þá kallast það föst eða þétt fyrirstaða,
og getur verið t.d. hart set (mórena, sandur, leir) sem harðnar
niður á við.

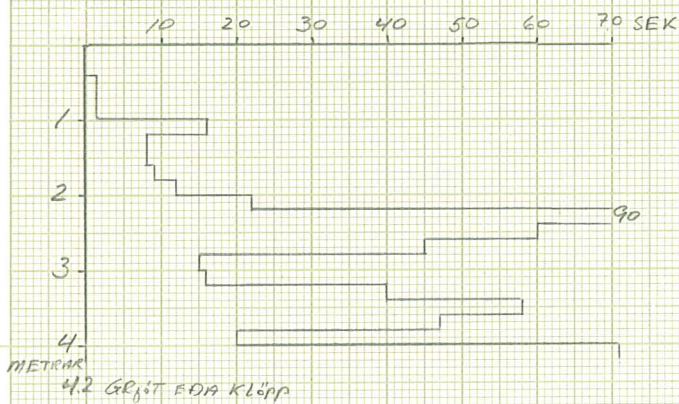
Gangurinn við borun hveirrar holu er sýndur á meðfylgjandi
stöplaritun (3 blöð), sem sekúndur á 20 cm.

Ástæða er til að ætla að ónákvæmni staðsetninga Cobraholana
sé <2 m í allar áttir. Holurnar voru staðsettar með málbandi,
ásamt þeim kennileitum sem sjást á korti (1:500) s.s. Háspenni-
lína, girðing og klappir.

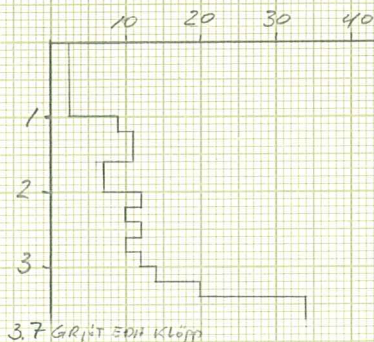


GEIRADALUR, COBRABORUN, 1-3. OKT 1981

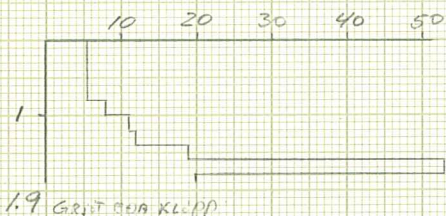
GC-1



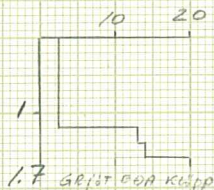
GC-2



GC-3



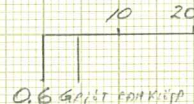
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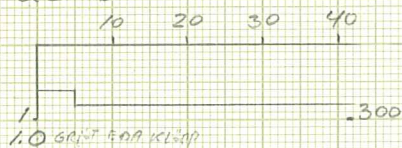
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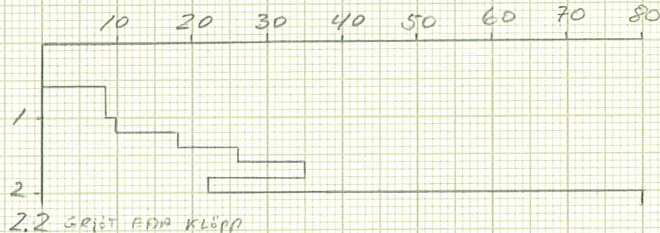
GC-5B



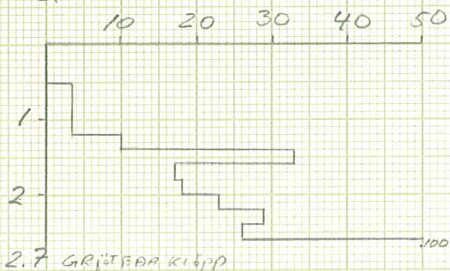
GC-6



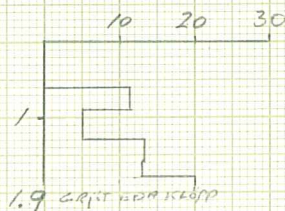
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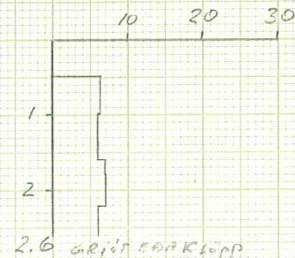
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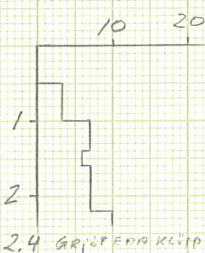
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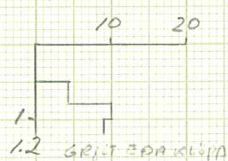
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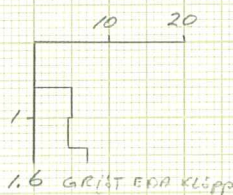
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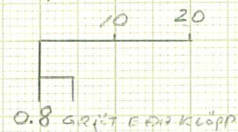
GC-12A



GC-12B

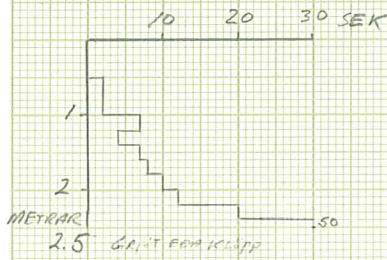


GC-13

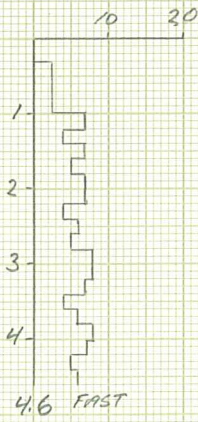




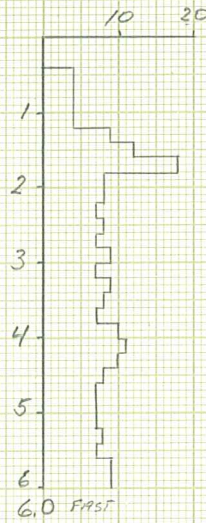
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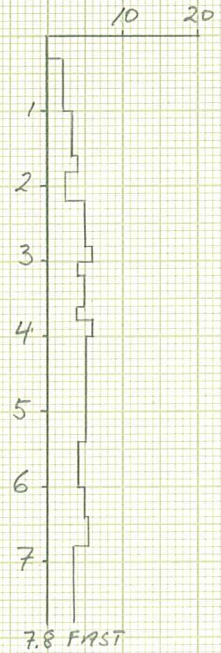
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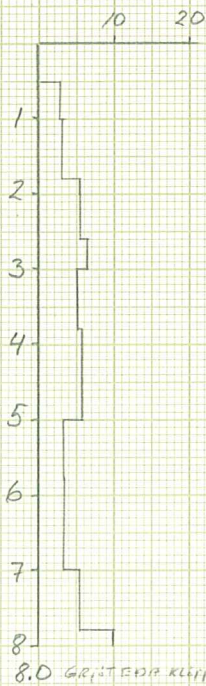
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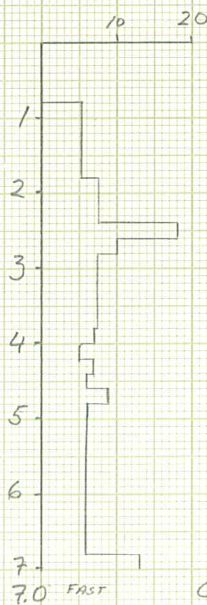
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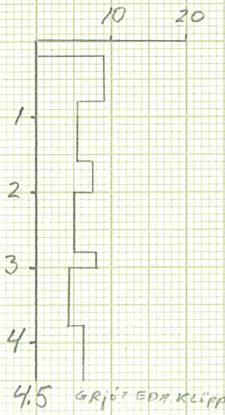
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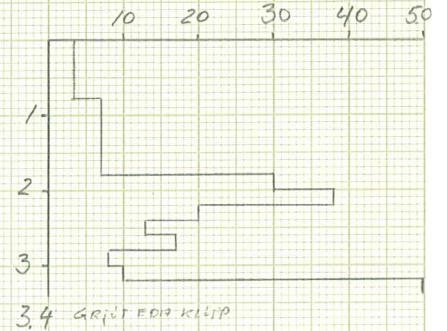
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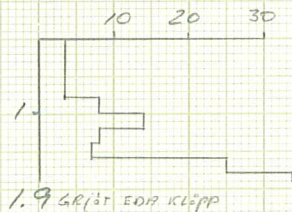
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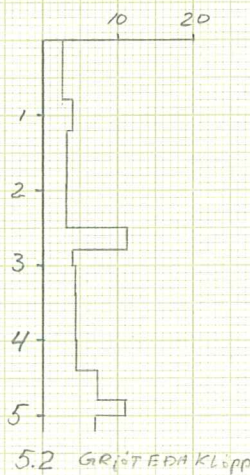
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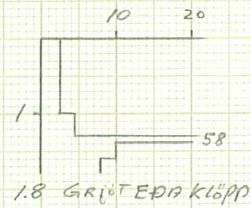
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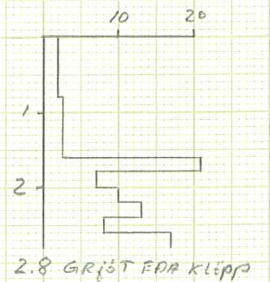
GC-23



GC-24A

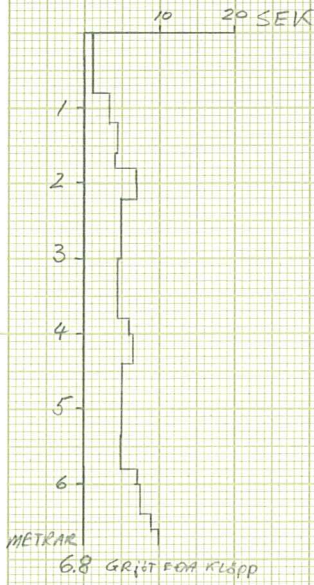


GC-24B

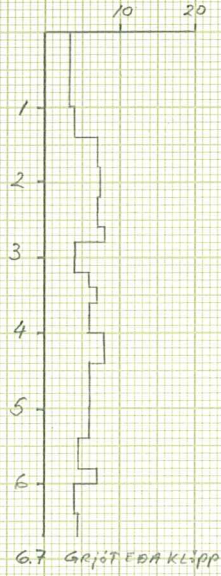




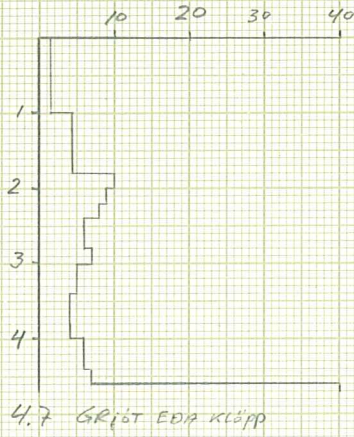
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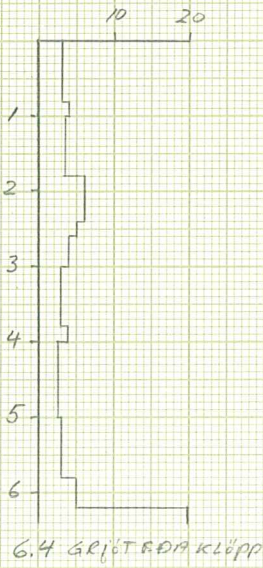
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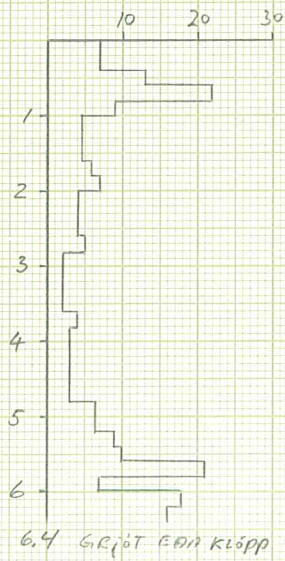
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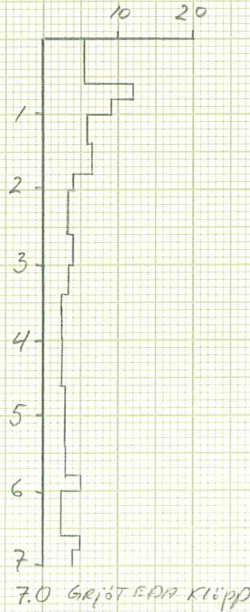
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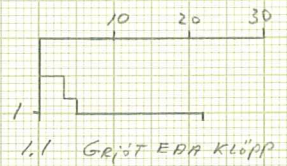
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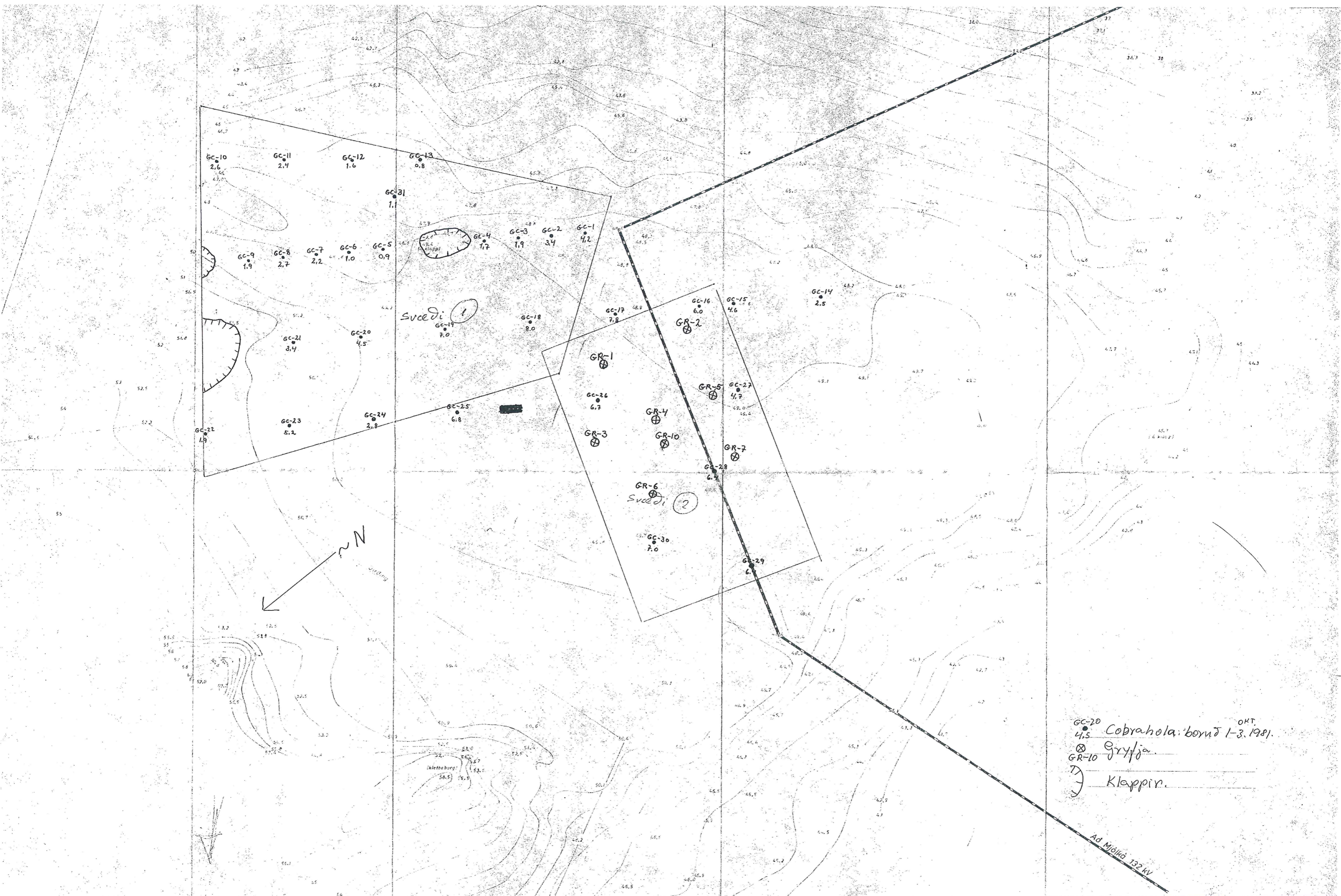


GC-30



GC-31





GC-20 4,5 Cobrahola: borni OKT. 1-3. 1981.
 GR-10 Gryfja
) Klappir.

Ad Mjöld 132 kv