

# Medieval limekin ruin at the church of Værnes, Central Norway

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Stjørdal museum Værnes



Illustrasjon: Gunnar Danbolt.



Foto: Helle Vangen Stuedal

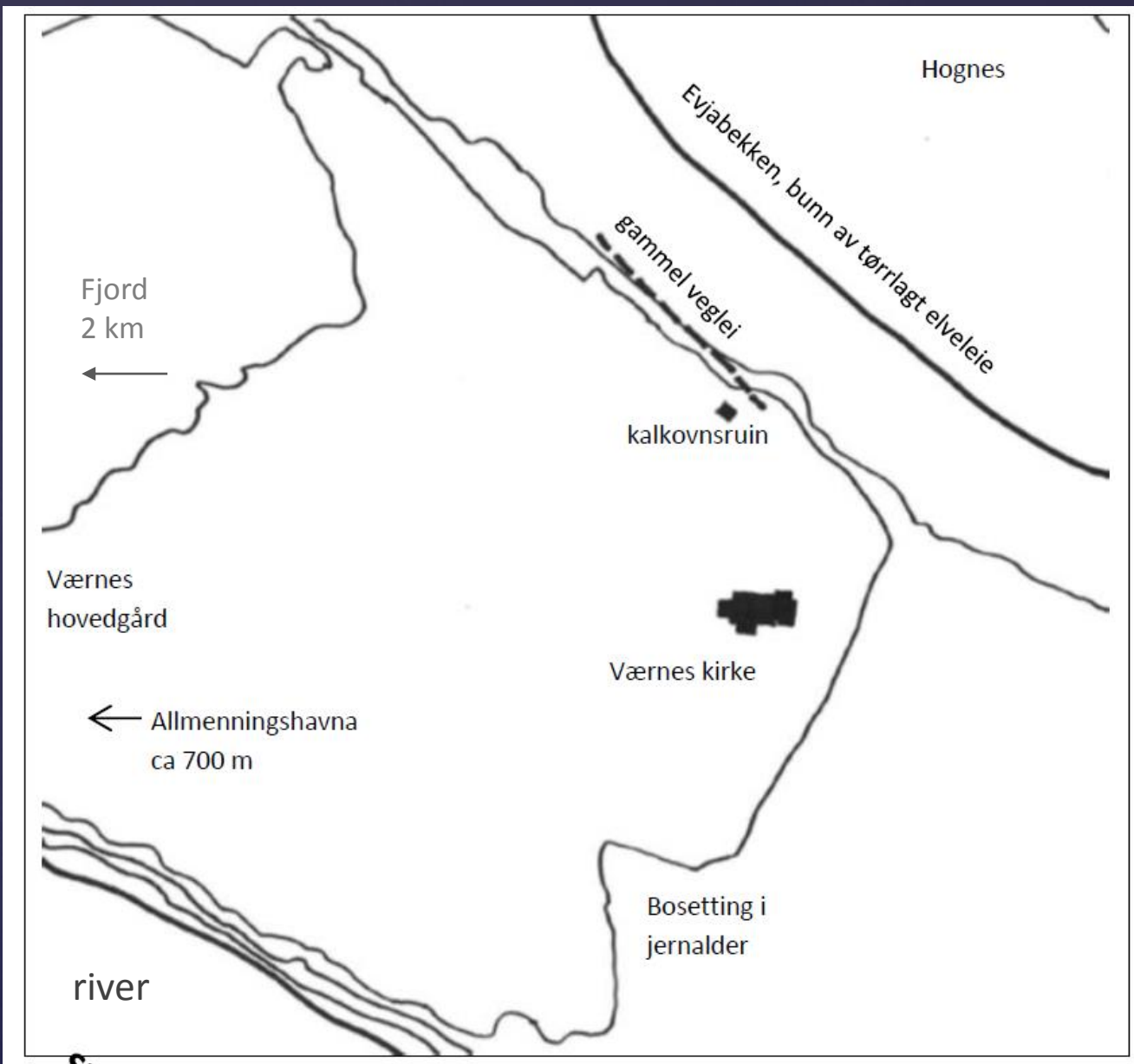
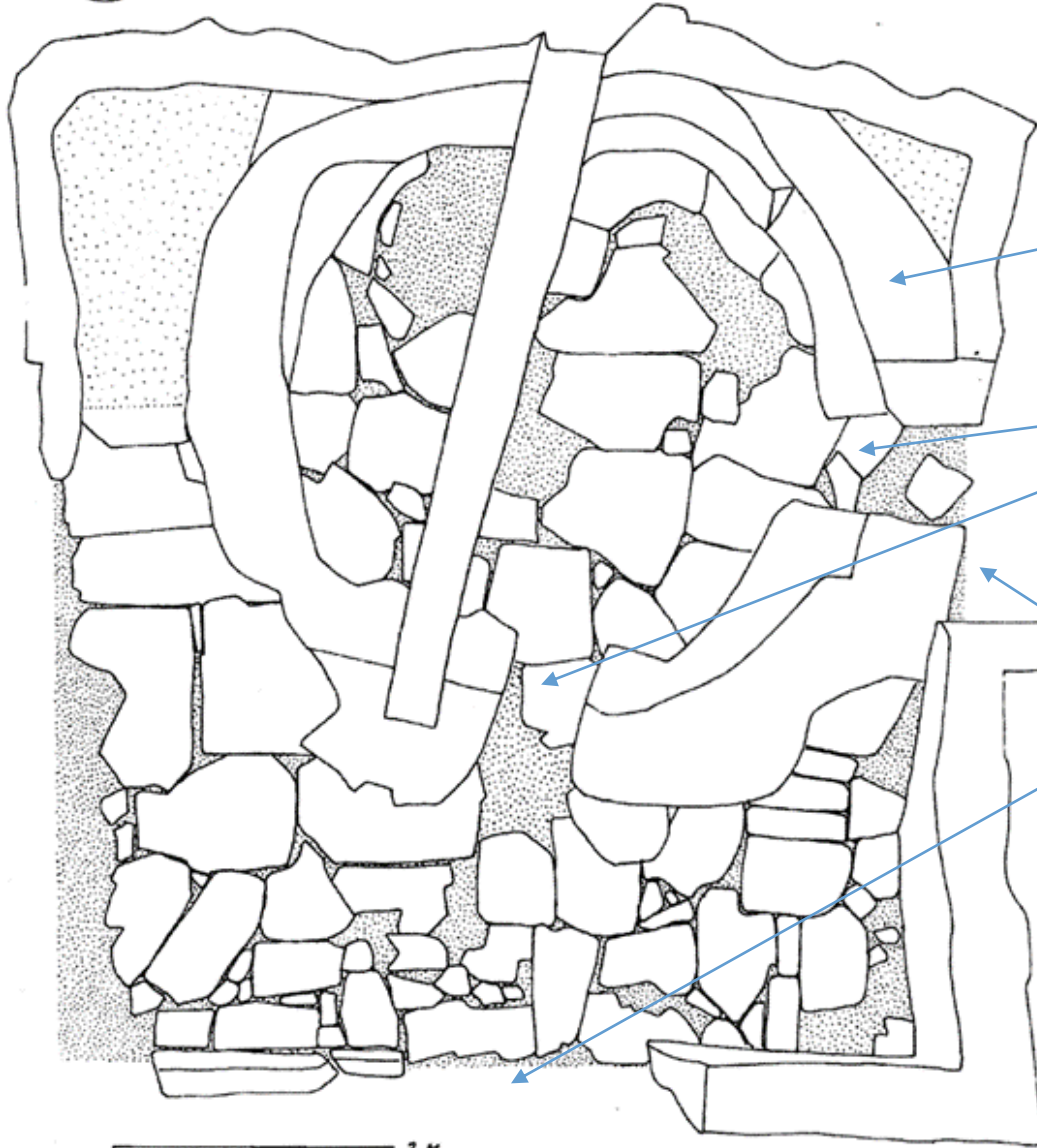




Foto: Kjell Erik Pettersson

HUSTUFT MED KALKMILE

K. Sognnes 1990



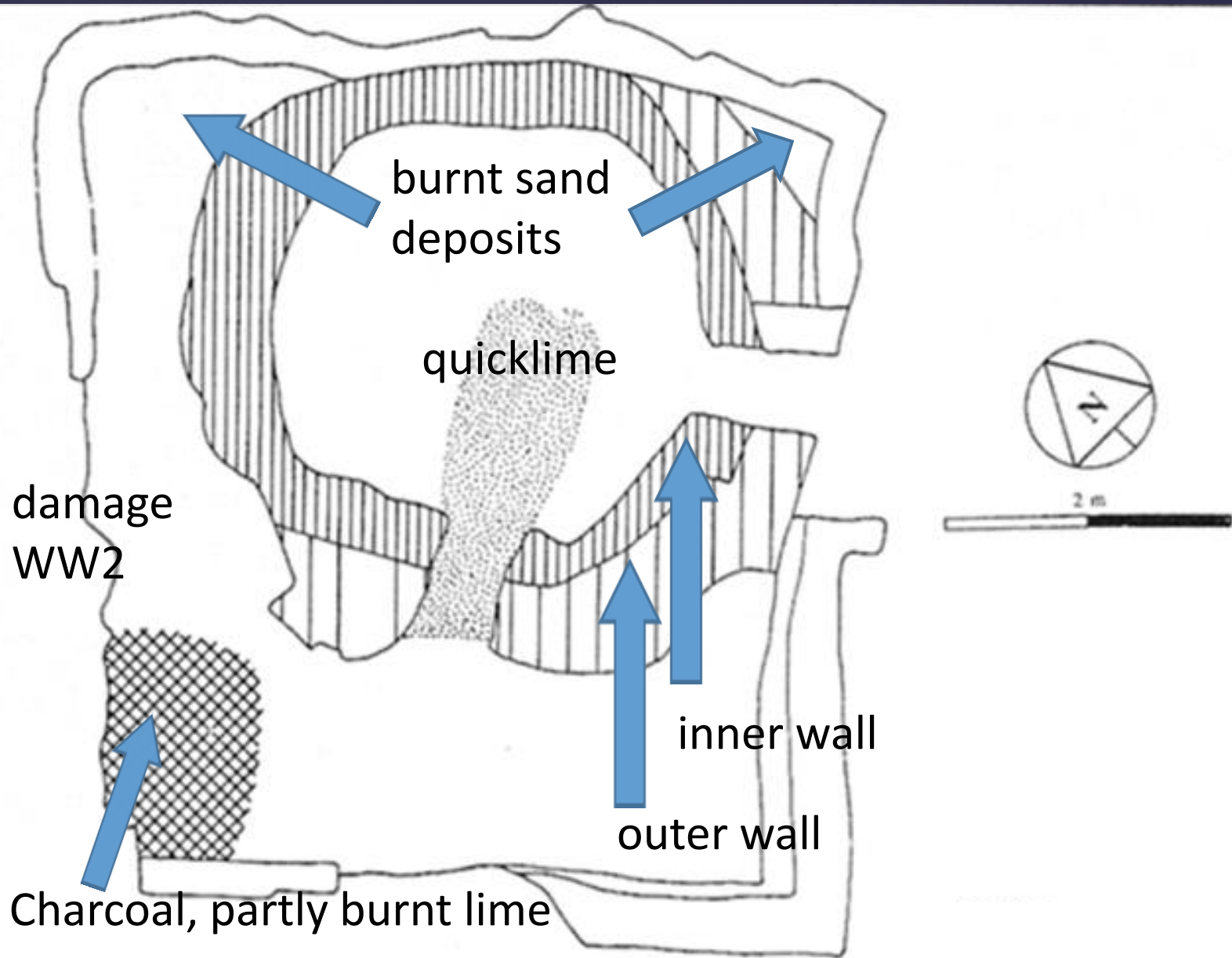
wall of kiln  
drywall

holes of the kiln

openings of  
chamber

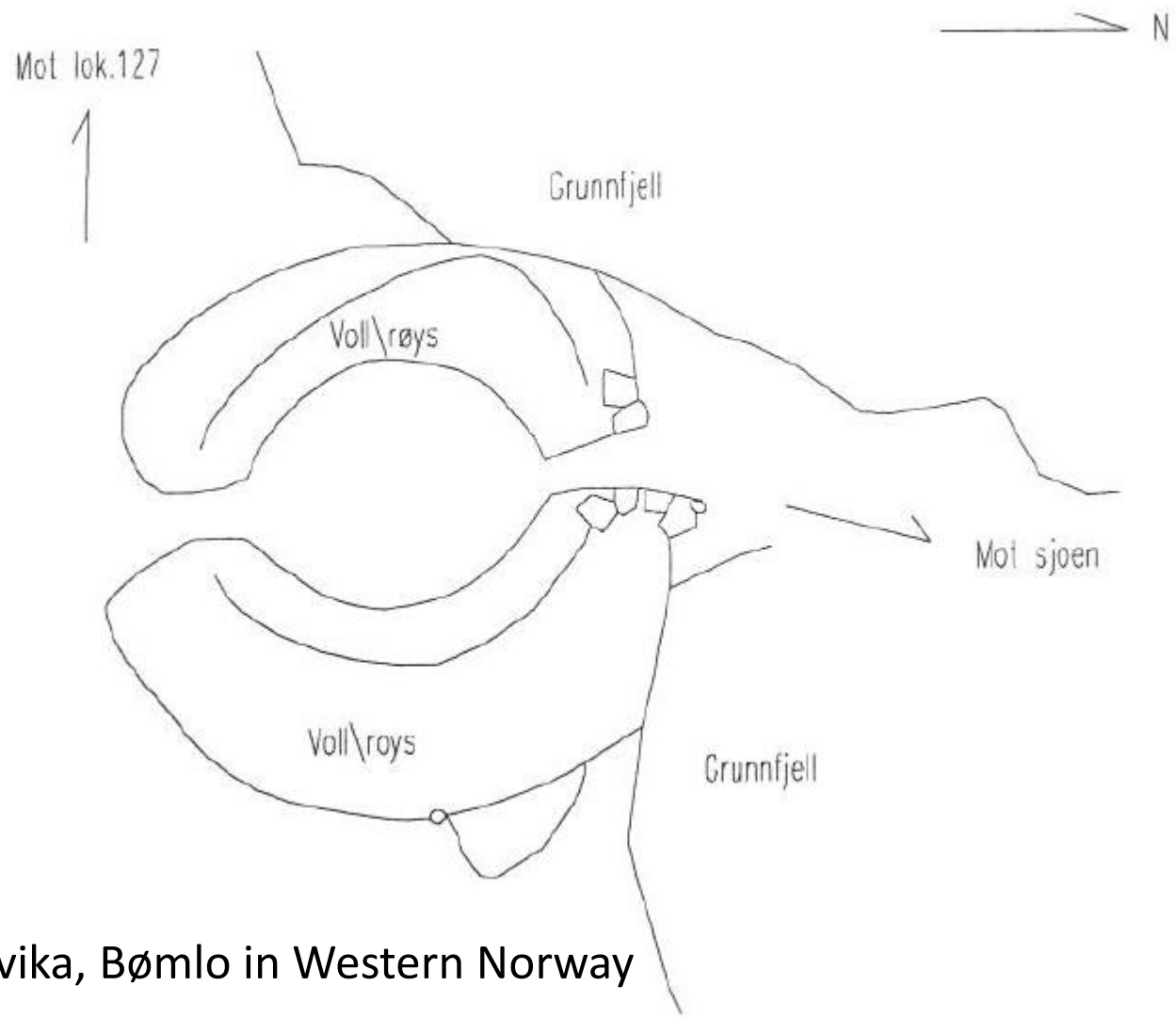
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Illustrasjon ved Kalle Sognnes,  
bearbejdet av H.V. Stuedal



Illustrasjon ved Kalle Sognnes, bearbejdet av H.V. Stuedal

- ⌘ Texts of antiquity: Plinius og Cato
- ⌘ Medieval written sources.
- ⌘ Early industrial written sources.
- ⌘ Current understanding of process & craftsmanship.
- ⌘ Medieval kilns, existing/excavated.



Storskjelvika, Bømlo in Western Norway



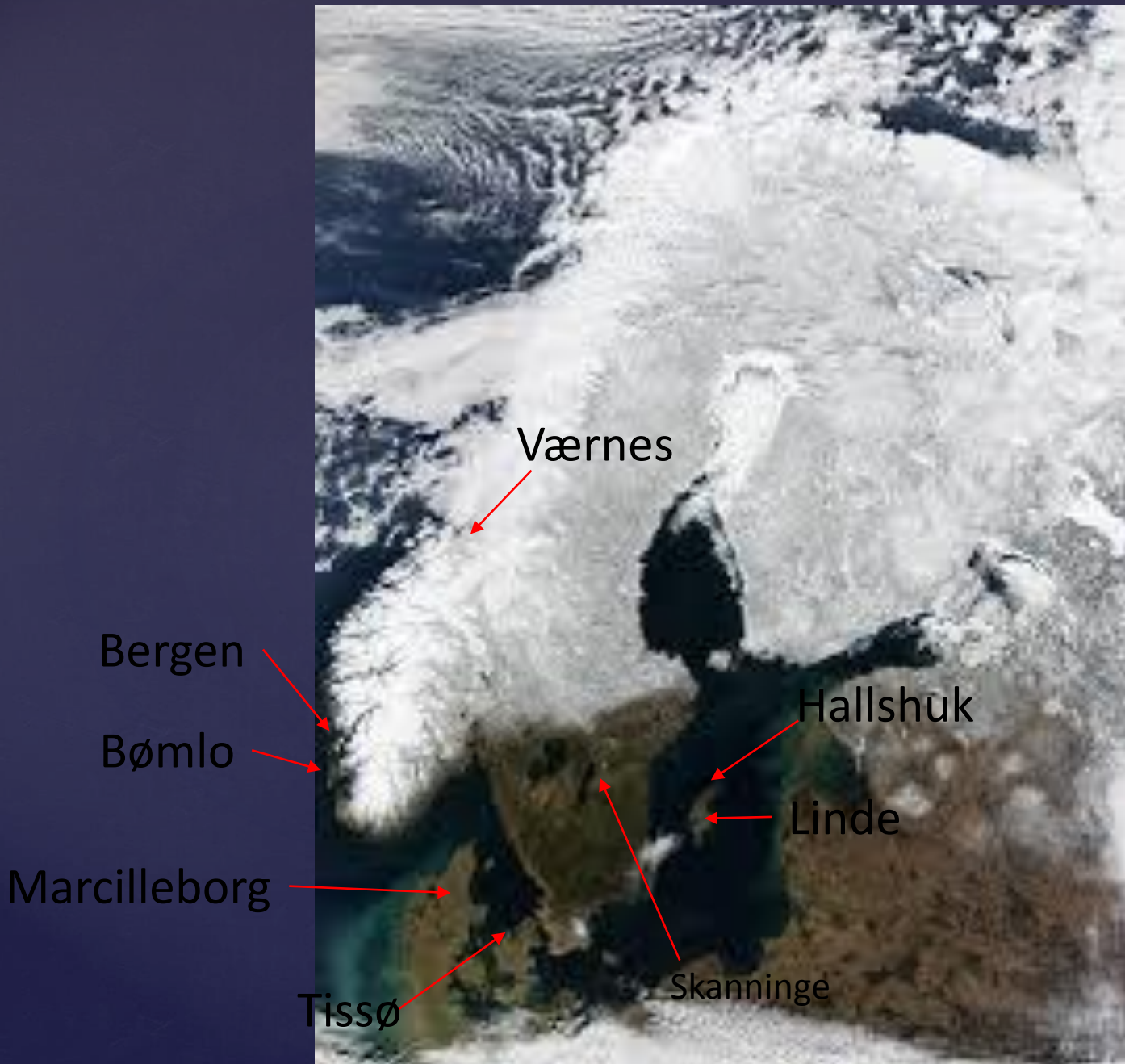
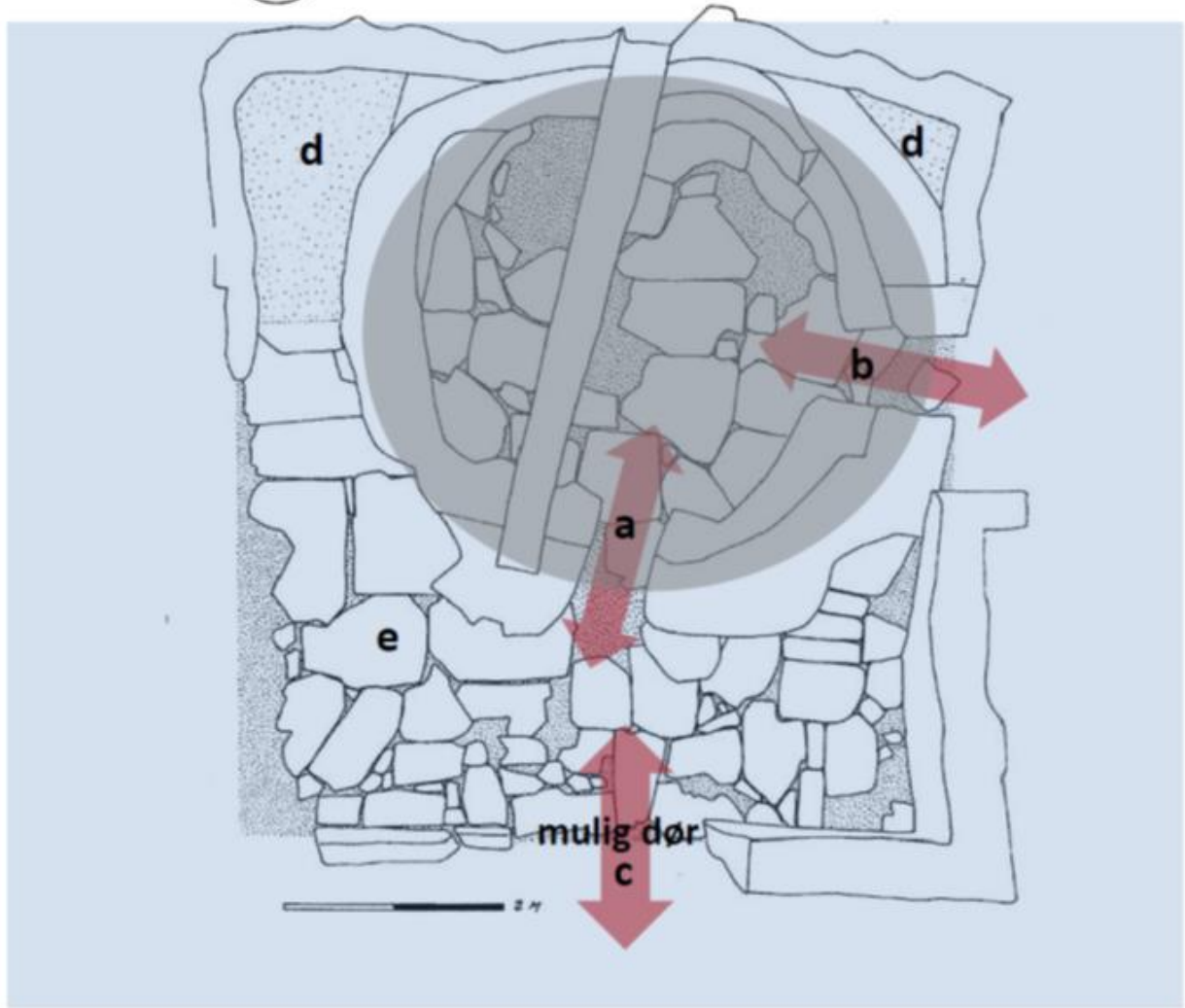
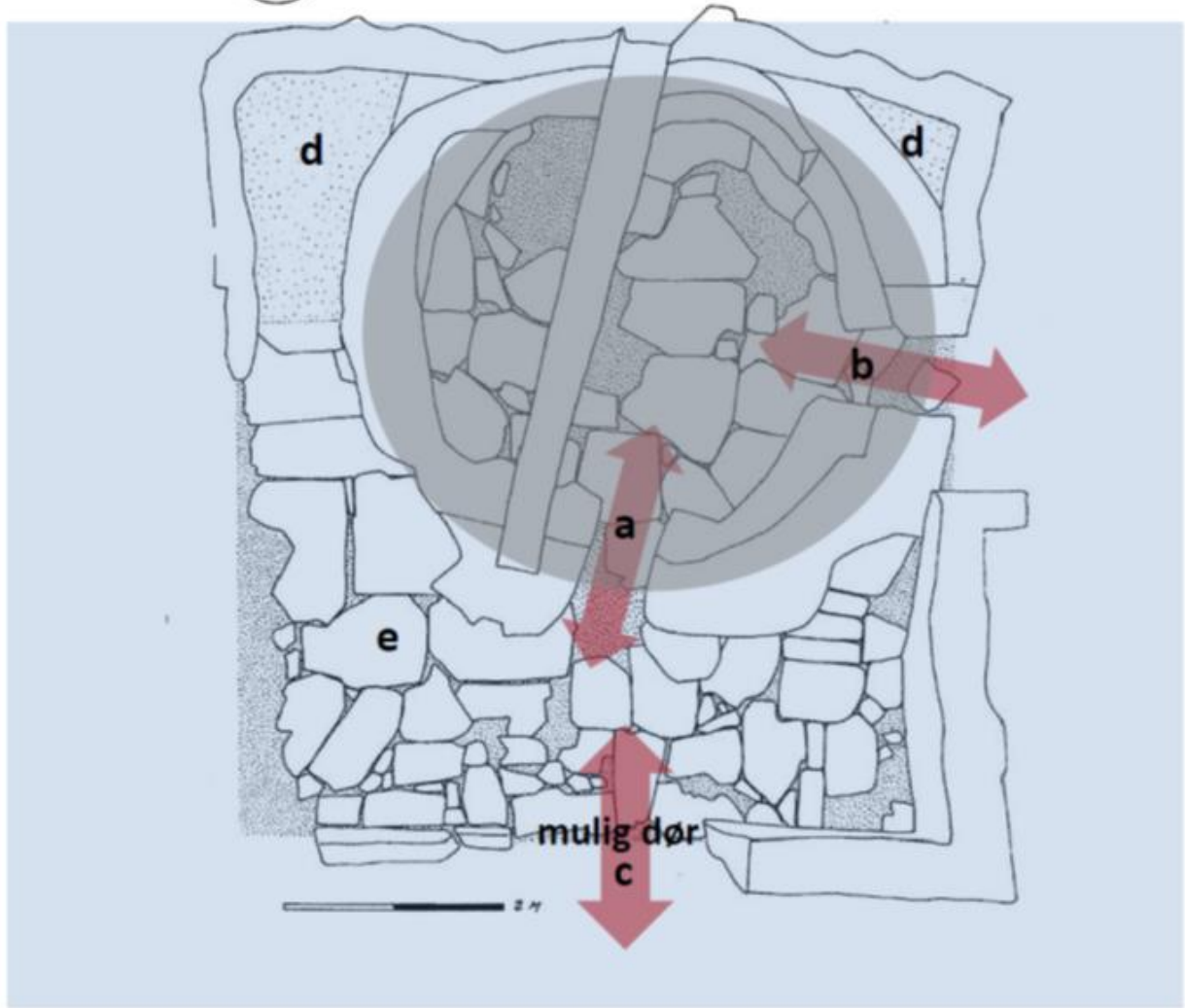


Photo:  
Jacues Descloitres











SNITT FRA VEST

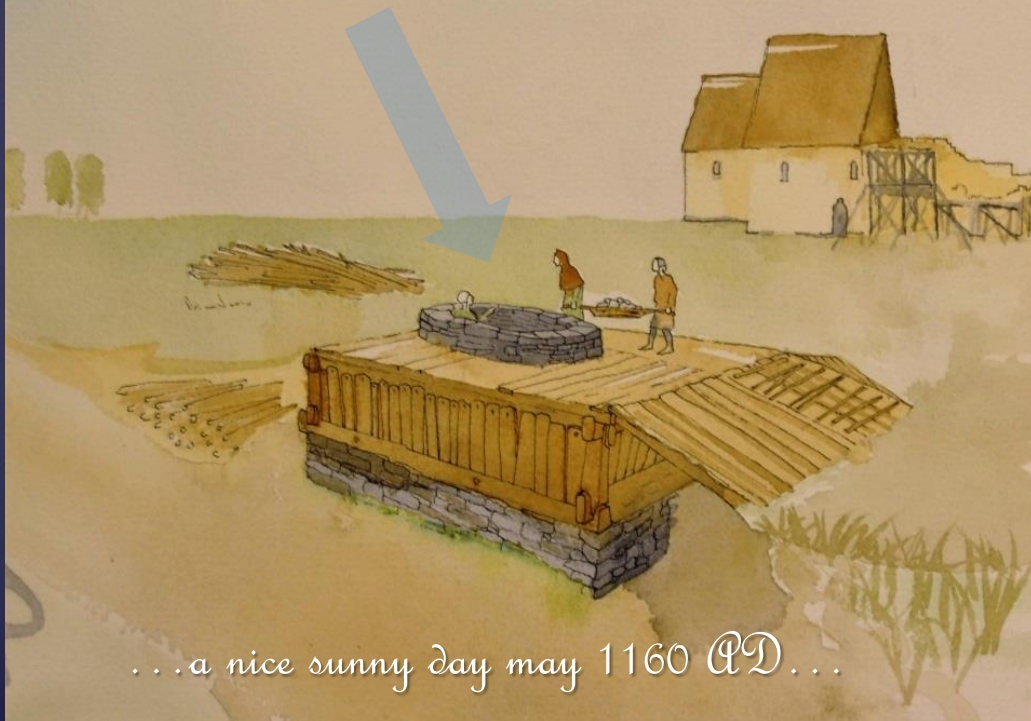
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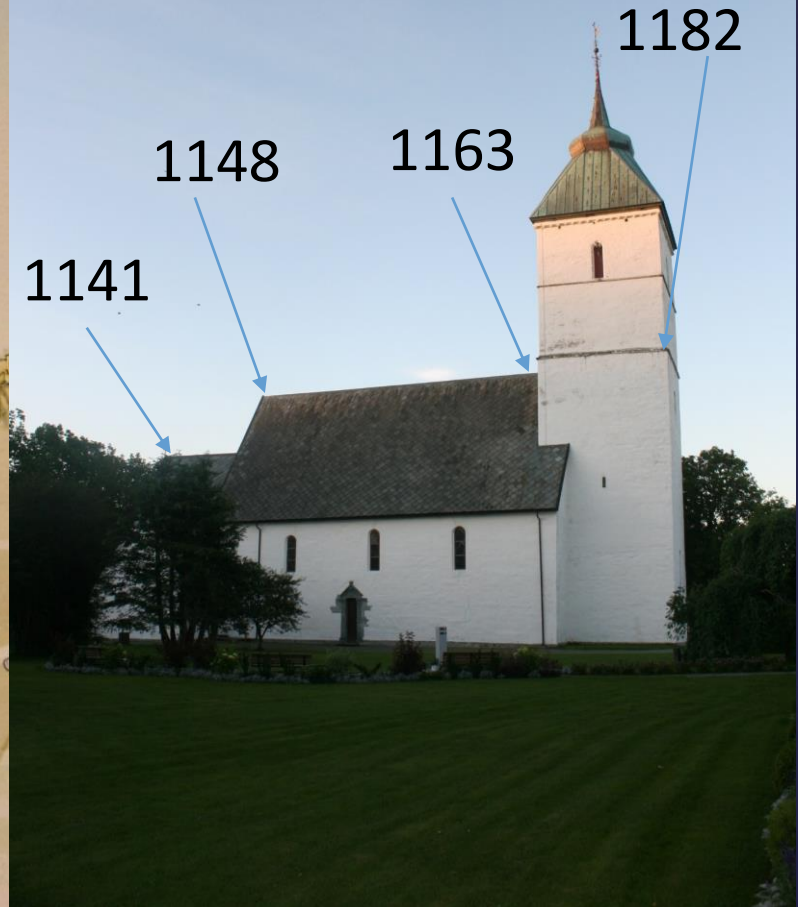
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Radiocarbon datings from kiln:  
1160-1265  
1220-1375

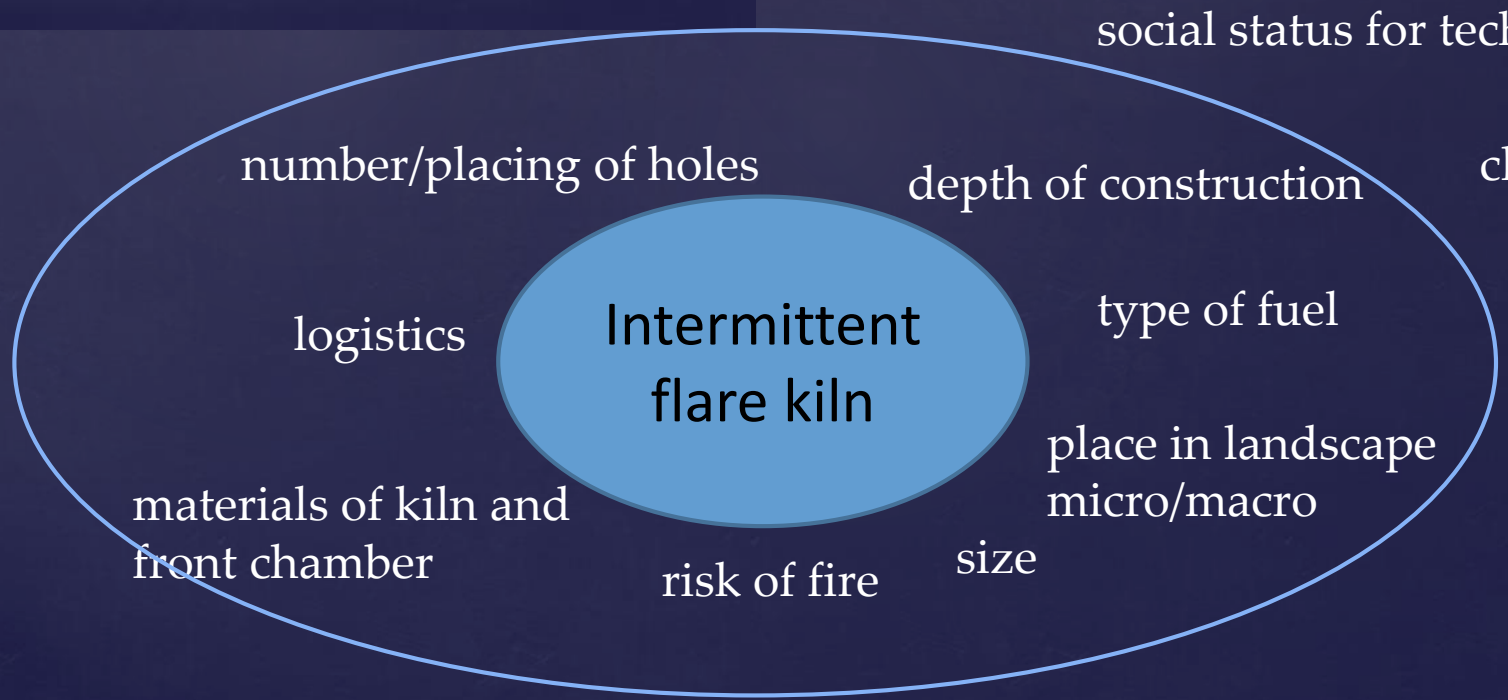


*...a nice sunny day may 1160 AD...*

## Dendrochronological datings







social status for technology

number/placing of holes

depth of construction

climate

logistics

**Intermittent  
flare kiln**

type of fuel

materials of kiln and  
front chamber

place in landscape  
micro/macro

risk of fire

size