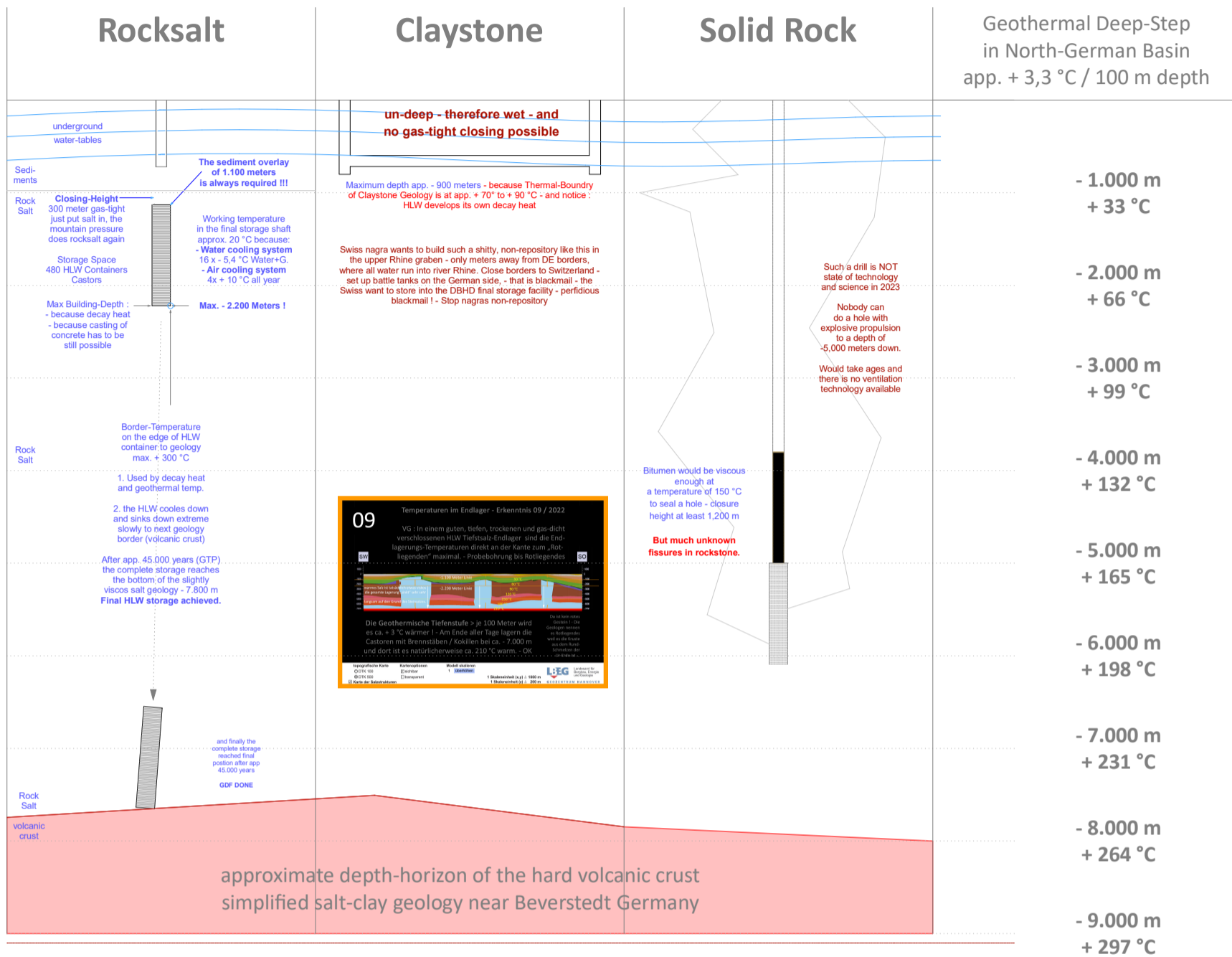


# Engineering-geological criteria depth/temperature for HLW repository

"Compressed" scale 1:10 - real bore diameter - but the depth is divided by 10



+ 300 °C Temperature-Boundary for lead casted HLW containers  
(but we changed to aluminium casted HLW containers anyway)

The view  
of the  
construc-  
tion  
planner  
on the  
technical  
possible  
options  
in the  
3 host  
rock types  
checked  
for final  
HLW  
disposal

**in Rocksalt**  
**works perfect**  
**offers :**  
**LONGTERM**  
**SAFETY**  
**1.100 - 7.800 m**

**in Clay Stone**  
**NO safe GDF**  
**possible !!!**  
**with todays**  
**knowledge &**  
**technology**  
**900 meter**

**in Solid Rock**  
**always fissured !**  
**was once liquid**  
**Only by blasting**  
**Not buildable**  
**3.800 - 6.090 m**

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V. Goebel  
11 y. planning  
the HLW GDF  
07.09.2022



<https://www.ing-goebel.de>