

# Appendix B

Coordinates and stratigraphic profiles of the 49 studied peatlands






































## Coordinates of sampling sites (where peat cores were taken)

peatland ID	peatland name	latitude	longitude
M14	Kesselbruch	51,90990	14,23516
M17	Trockenes Lauch	51,90896	14,24032
M26	Grosse Kobbelke	52,09769	14,54542
M27B	Moor 2 O Klautzkensee	52,10336	14,53264
M28	Heide Langerlauch	52,10311	14,54869
M29	Kesselmoor N Ziskensee	52,10800	14,47062
M31	Moor SO Kruegersee	52,05794	14,46243
M51	Grosser Wiedel 2	51,95761	14,49706
M116	Kleine Zehme	51,92608	14,22926
M120	Große Zehme	51,93616	14,22925
M131	Meierei	51,96029	14,33867
M133	Ziskensee	52,10522	14,46880
M137	Moor SO Henzendorf/ Trautzke	52,03415	14,53623
M170	Calpenzmoor	51,91007	14,49983
M171	Pastling	51,91012	14,54396
M172	Kleinsee	51,94379	14,50479
M173	Maschnetzlauch	51,90808	14,59996
M174	Torfteich	51,91095	14,61163
M175	Die Laie	51,95421	14,49301
M176	Weisses Lauch	51,93912	14,48630
M177	Die weitesten Läuchen 1	51,96471	14,47782
M179	Tuschensee	51,95284	14,57761
M180	Die weitesten Läuchen 3	51,96430	14,47902
M181	Die weitesten Läuchen 2	51,96483	14,47662
M287	Tiefes Luch	51,91710	14,23697
M294	Moor 1 SO Henzendorf	52,02944	14,53534
M296	Seilensee	52,01155	14,52827
M349	Grosser Wiedel 1 .Die Laie (1.)	51,95598	14,49376
M350	Kleiner Wiedel	51,95538	14,48964
M351	Staakower Läuche	51,97592	14,41731
M352	Staakower Läuche	51,97531	14,41931
M353	Rohrlauch	51,95879	14,48706
M409	Moor O Kleine Zehme	51,92887	14,23422
M417	Moor SO Klein Liebitz	51,95054	14,27740
M420	Moor S Tiefes Luch	51,91568	14,23659
M423	Poppenskerlauch	51,93892	14,25699
M426	Am Butterweg	51,93550	14,23134
M430	Kayngelauch	51,93704	14,26148
M434	Moor S Kl. Liebitz	51,94731	14,27078
M462	Klautzkensee	52,10034	14,52504
M467	Moor 3 SO Henzendorf	52,03096	14,53380
M470	Grosse Göhlenze	52,01422	14,54398
M516	Trockenes Lauch	51,95667	14,49343
M520	Wiesenlauch	51,96229	14,48385
M521	Staakower Läuche	51,97431	14,42547
M523	Moor W Reicherskreuzer	52,03095	14,53363
M524	Grabkower Seewiesen	51,91330	14,57628
M619	Moor O Calpenz (Hasenluch)	51,90921	14,51079
M626	Moor S Grosse Zehme	51,92921	14,22832

Coordinates in WGS 84, hddd.ddddd°

## Abbreviations (german and english)

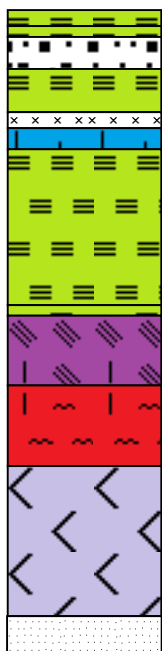
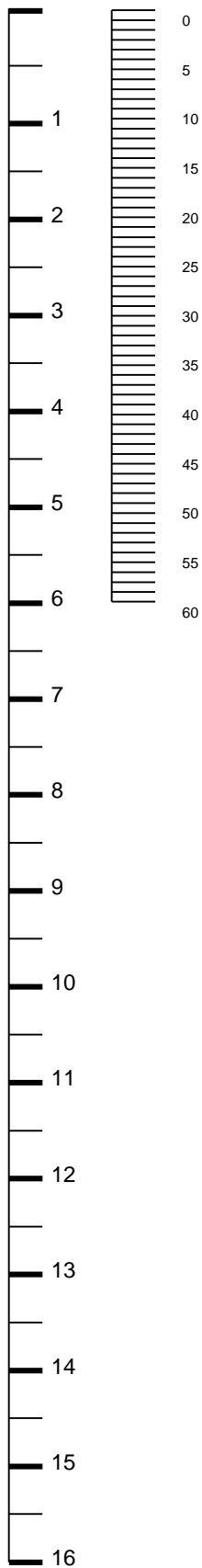
H1-10	Humifizierungsgrad des Torfes*	Decomposition degree of peat
K1-5	Konsistenz der Mudde*	Consistency of gyttja
mu	muddig	"muddy", contains much gyttja
wa	wässrig	watery
tr	trocken	dry
Ho	Holz	wood
Aln	Erlenholz	Alder wood
Bi	Birkenholz	Birch
Ki, KiN, KSR, KiKnos	Kiefernholz, Kiefernadeln, Kiefernspiegelrinde, Kiefernknospenschuppe?	Pine needles, bark, buds
EW	Ericaceenwurzeln	<i>Ericaceae</i> roots
Oxy	Moosbeerenrhizome/-blättchen	<i>Oxycoccus</i> rhizomes, leaves
And	Rosmarinheide-Blättchen	<i>Andromeda</i> leaves
Er	Wollgras (unbestimmt)	<i>Eriophorum</i>
Er an	Schmalblättriges Wollgras	<i>Eriophorum angustifolium</i>
Er va	Scheidiges Wollgras	<i>Eriophorum vaginatum</i>
Rad	Radizellen	(sedge) roots
Tm	Torfmoos	peat moss
Cym	sektion Cymbifolia	peat moss (section Cymbifolia)
Caltrif	Calliergon trifarium	brown moss (Calliergon trifarium)
Drep	Krummmoos (Drepanocladus-Gruppe)	brown moss of Drepanocladus group
Bm	Braunmoos	brown moss
Eq	Schachtelhalm	<i>Equisetum</i>
Nym	Seerosensamen	<i>Nymphaea</i> seeds
Fi	Fiebertkleesamen	<i>Menyanthes</i> seeds
Naj	Nixkrautfrüchte	<i>Najas</i> fruits
Nuph	Teichrosensamen/-rhizome	<i>Nuphar</i> seed/rhizomes
Pot	Laichkrautsamen	<i>Potamogeton</i> seed
Mol	Pfeifengras	<i>Molinia</i>
Sch	<i>Scheuchzeria</i>	<i>Scheuchzeria</i>
Phr	Schilf	Reed/ <i>Phragmites</i>
LB	Laubblattreste	leave fragments
Fa	Farn ( <i>Thelypteris</i> )	fern ( <i>Thelypteris</i> )
Poly	<i>Polytrichum</i> spec.	brown moss ( <i>Polytrichum</i> spec.)
Brandschicht	Brandschicht	charcoal layer

Hms		Torfmoostorf Peat moss ( <i>Sphagnum</i> ) peat	HI		Holztorf wood peat
Hkrc-Hms		Radizellen - Torfmoostorf sedge - peat moss peat	Hkrc-HI		Radizellen – Holztorf sedge – wood peat
Hkhe-Hms		Wollgras - Torfmoostorf <i>Eriophorum</i> – peat moss peat	Hihh		Reisertorf (Zwergsträucher) shrub peat
Hihh-Hms		Reiser – Torfmoostorf shrub – peat moss peat	H <sub>z</sub> , H <sub>v</sub>		zersetzer, vererdeter Torf highly degraded peat
Hmb		Braunmoostorf brown moss peat	Fh		Organomudde/Detritusmudde organic gyttja
Hkrc-Hmb		Radizellen – Braunmoostorf sedge – brown moss peat	Fhf		Feindetritusmudde organic gyttja (fine)
Hkhe		Wollgrastorf <i>Eriophorum</i> peat	Fhm		Mitteldetritusmudde organic gyttja (medium)
Hms-Hkhe		Torfmoos – Wollgrastorf peat moss – <i>Eriophorum</i> peat	Fhg		Grobdetritusmudde organic gyttja (coarse)
Hkrc-Hkhe		Radizellen - Wollgrastorf sedge – <i>Eriophorum</i> peat	Fhl		Lebermudde organic gyttja („liver“-like)
Hkrc		Radizellentorf sedge peat	Fm		Silikatmudde silicate gyttja
Hkhe-Hkrc		Wollgras – Radizellentorf <i>Eriophorum</i> – sedge peat	Fmt		Tonmudde silicate gyttja (clay)
Hkrp-Hkrc		Schilf – Radizellentorf <i>Phragmites</i> – sedge peat	Fmu		Schluffmudde silicate gyttja (silt)
Hmb-Hkrc		Braunmoos - Radizellentorf brown moss – sedge peat	Fms		Sandmudde silicate gyttja (sand)
Hms-Hkrc		Torfmoos – Radizellentorf peat moss – sedge peat	Fm.lamin		Silikatmudde, laminiert Silicate gyttja, laminated
Hkha		<i>Scheuchzeria</i> - Torf <i>Scheuchzeria</i> peat	fS		Feinsand sand (fine grains)
Hms-Hkha		Torfmoos – <i>Scheuchzeria</i> - Torf peat moss – <i>Scheuchzeria</i> peat	mS		Mittelsand sand (medium grains)
Hkrc-Hkha		Radizellen – <i>Scheuchzeria</i> - Torf sedge – <i>Scheuchzeria</i> peat	gS		Grobsand sand (coarse grains)
Hkrp		Schilftorf <i>Phragmites</i> (reed) peat	W		Wasser water
Hkrc-Hkrp		Radizellen – Schilftorf sedge – <i>Phragmites</i> peat			

dm

cm

## M 14



Torfmoostorf, EW, Er vag, Oxy, H3

Radizellen-Torfmoostorf, Er vag, EW, H5-6

vererdeter Torf, Rad, schmierig, tr, H8

Radizellen-Torfmoostorf, EW, Oxy, Sch, Er vag, Ho, H3-5

hochersetzer Torf, viel Er vag, Brandschicht, H8

Torfmoos-Radizellentorf, Er vag, H4

Torfmoostorf, EW, Sch, Ho, And, Rad, H3

Scheuchzeria-Torfmoostorf, H3

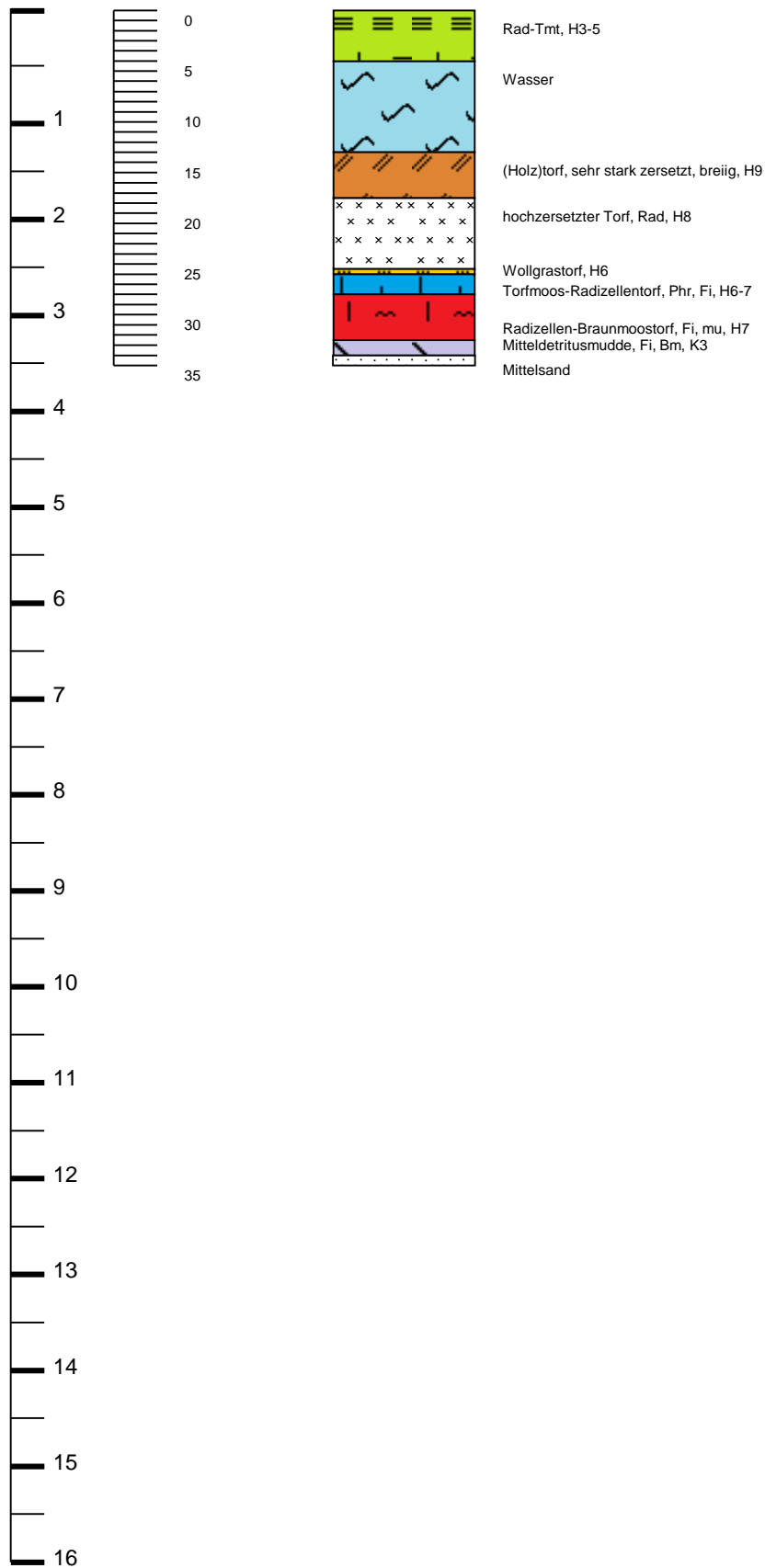
Radizellen-Scheuchzeriatorf, KSR, Bm, EW, Phr, And, mu, H4

Radizellen-Braunmoostorf, Drep, Caltrif, sehr mu, H6

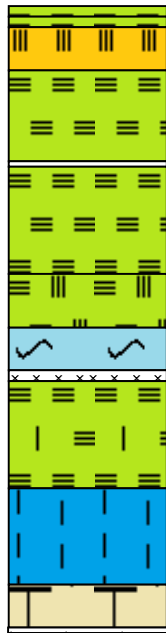
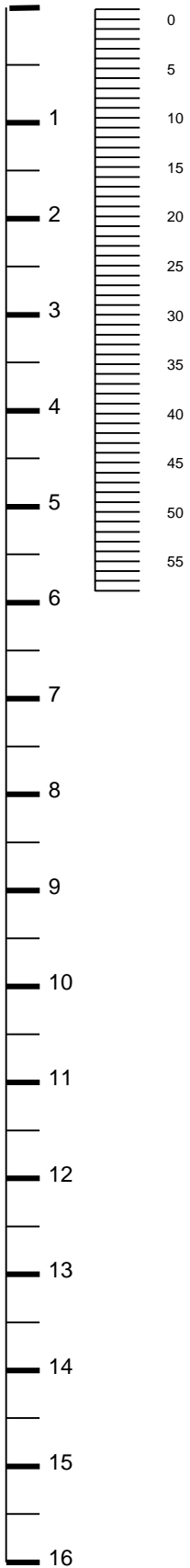
Feindetritusmudde, K3

Feinsand (sortiert)

# M 17



# M 26



Torfmoostorf, mul, H5  
 Radizellen-Torfmoostorf, EW, Er vag, mu, H4  
 Torfmoos-Wollgrastorf, Rad, EW, Oxy, H3

Torfmoostorf, EW, Oxy, Er vag, H2

hochversetzter Torf, Rad, Tm, mu, H8

Torfmoostorf, Rad, EW, tw mu, , H3-4

Wollgras-Torfmoostorf, Oxy, EW, wa, H3-4

Wasser

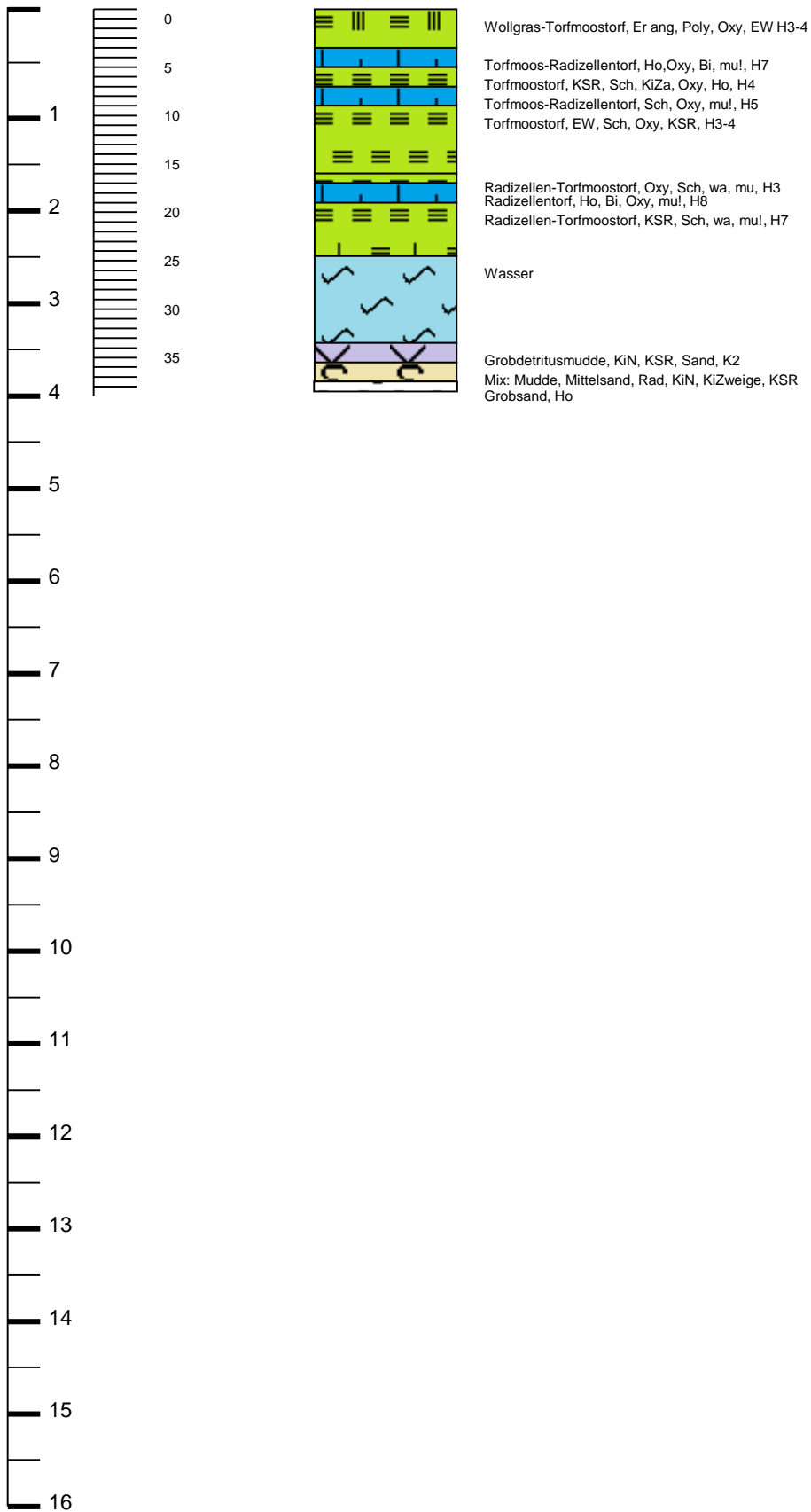
hochversetzter Torf, Rad, mul, wa

Radizellen-Torfmoostorf, Ho, Sch, EW, Er vag, mul, H7-8

Radizellentorf, Ho, Tm-Sporenkapsel, Fi, H7

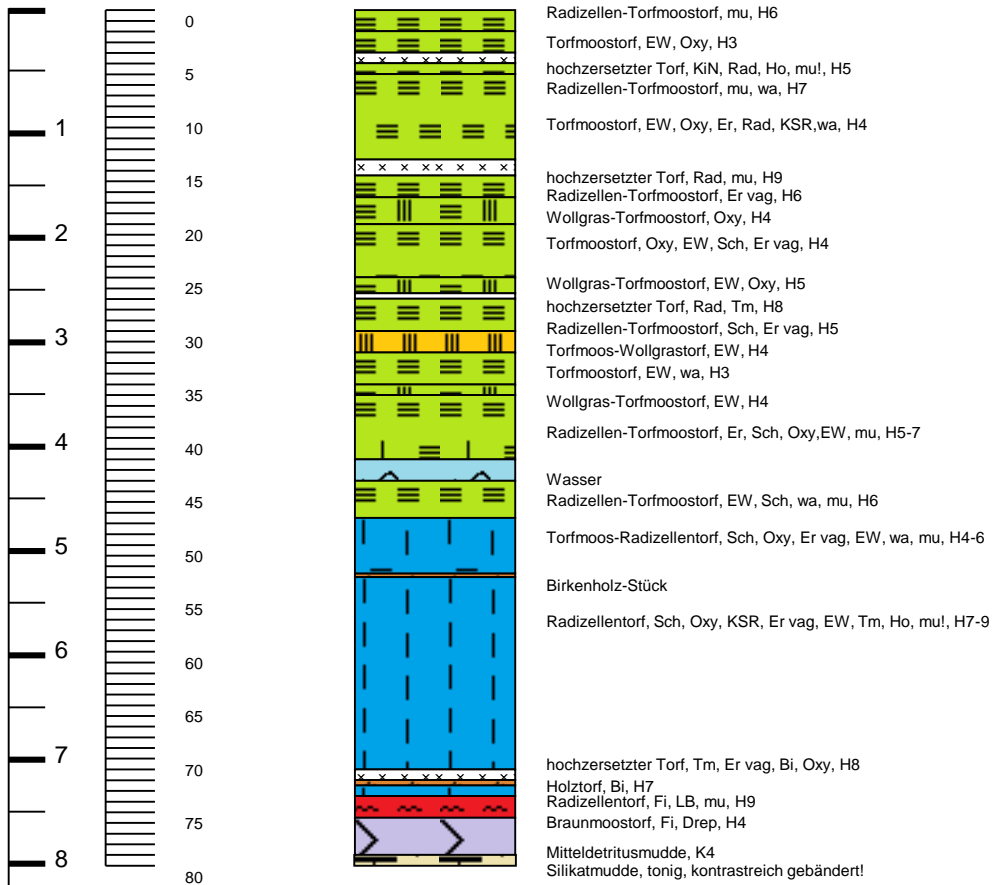
Tonmudde  
 Feinsand

# M 27B

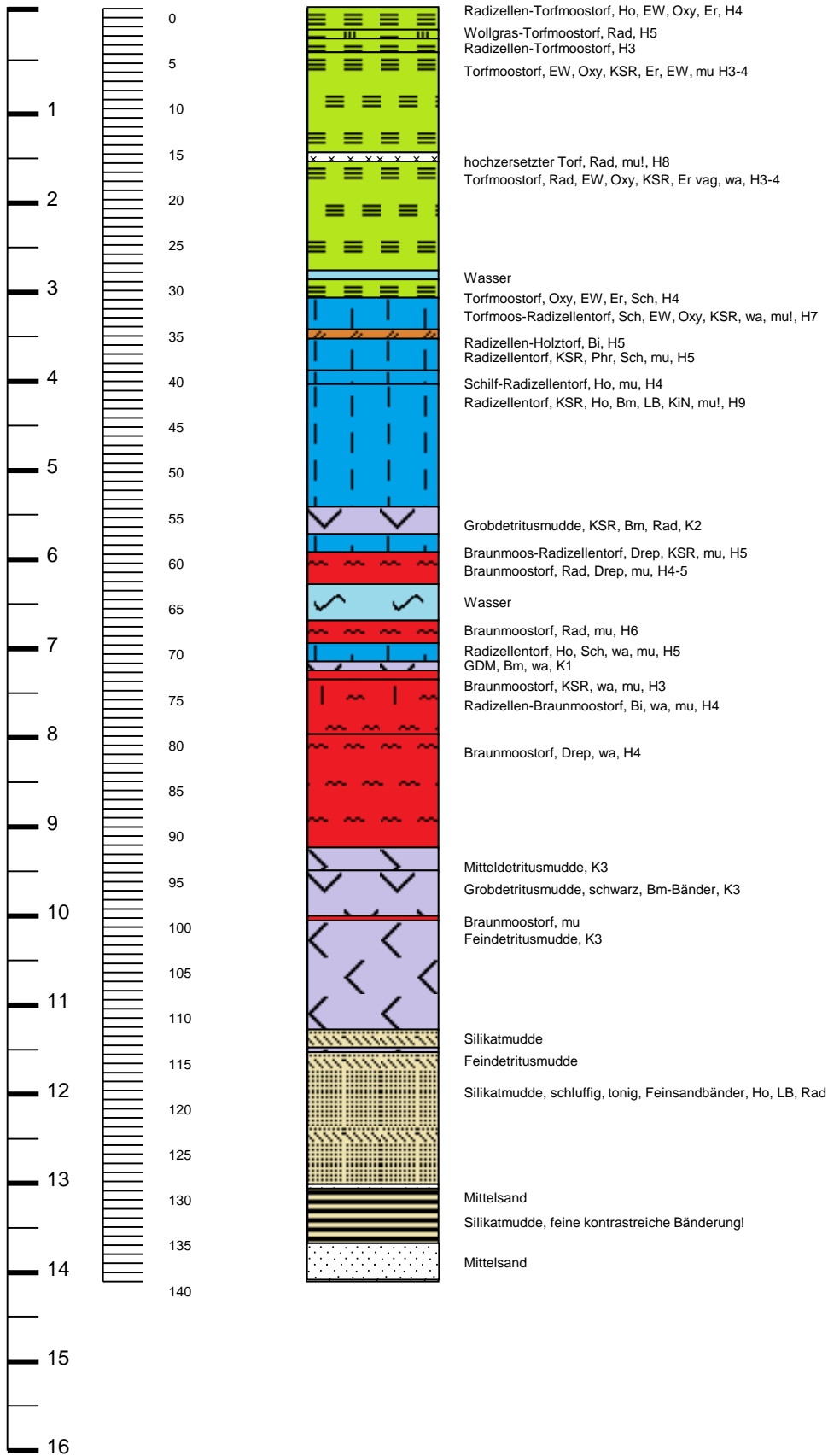




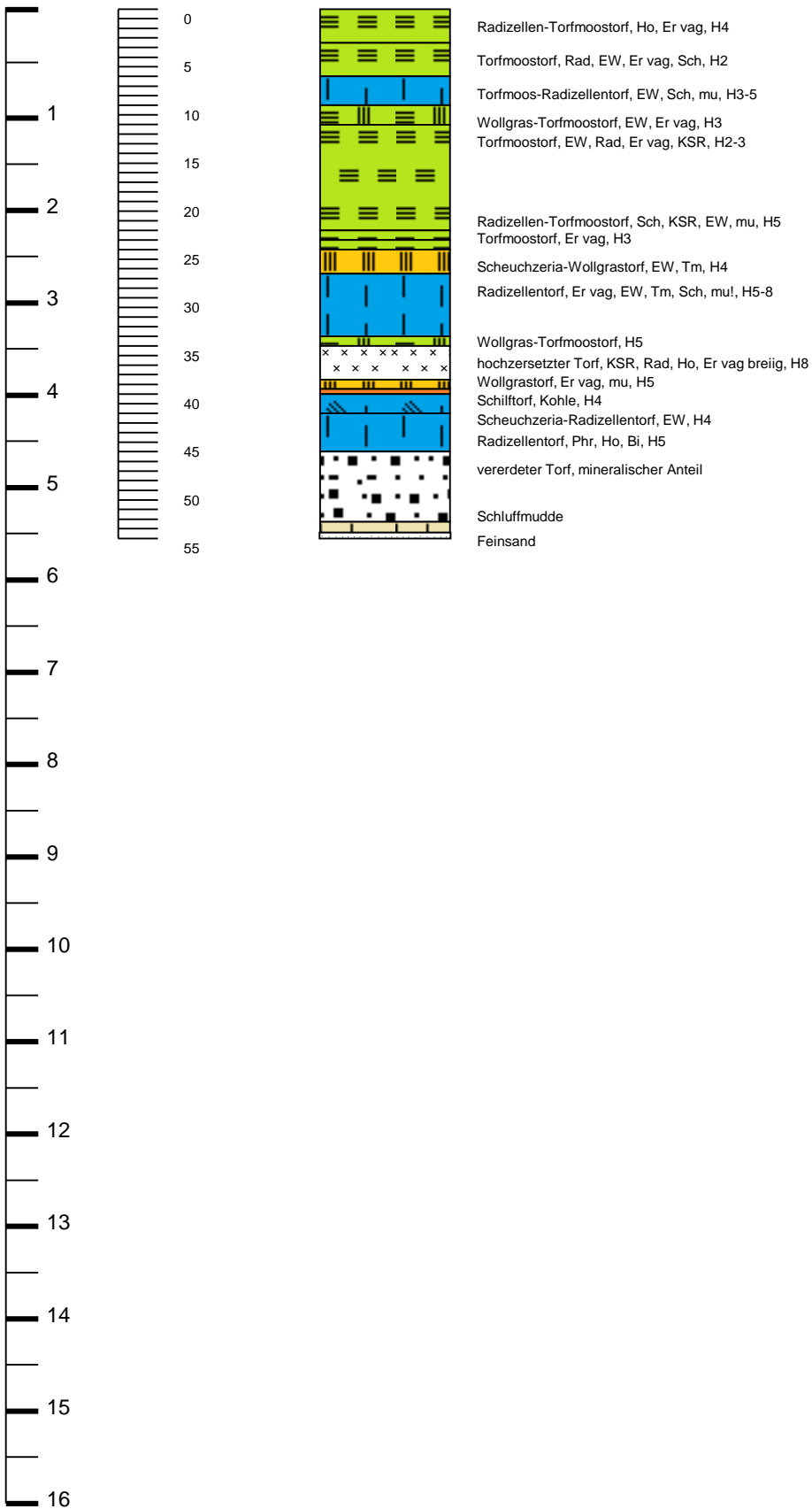
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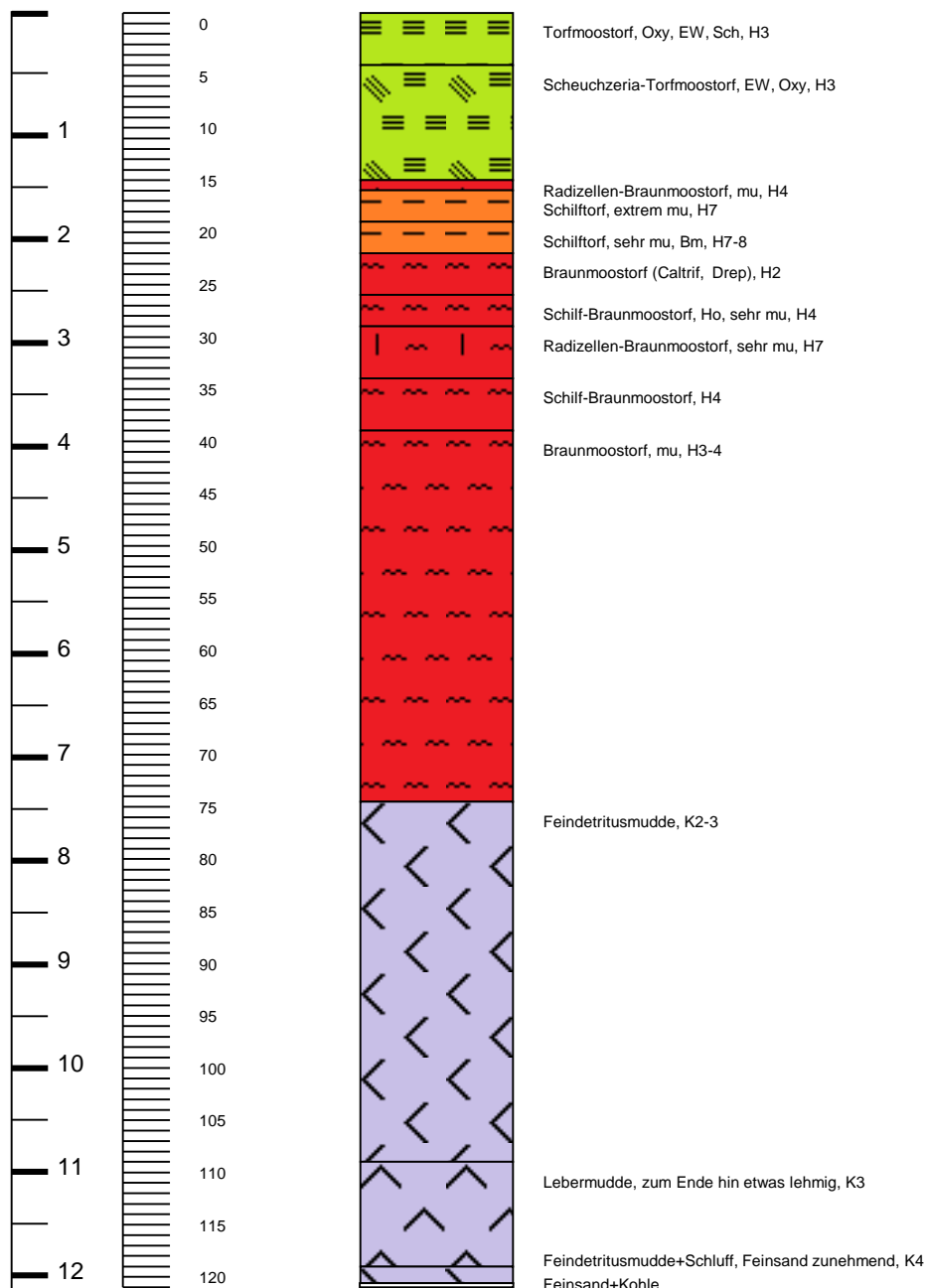
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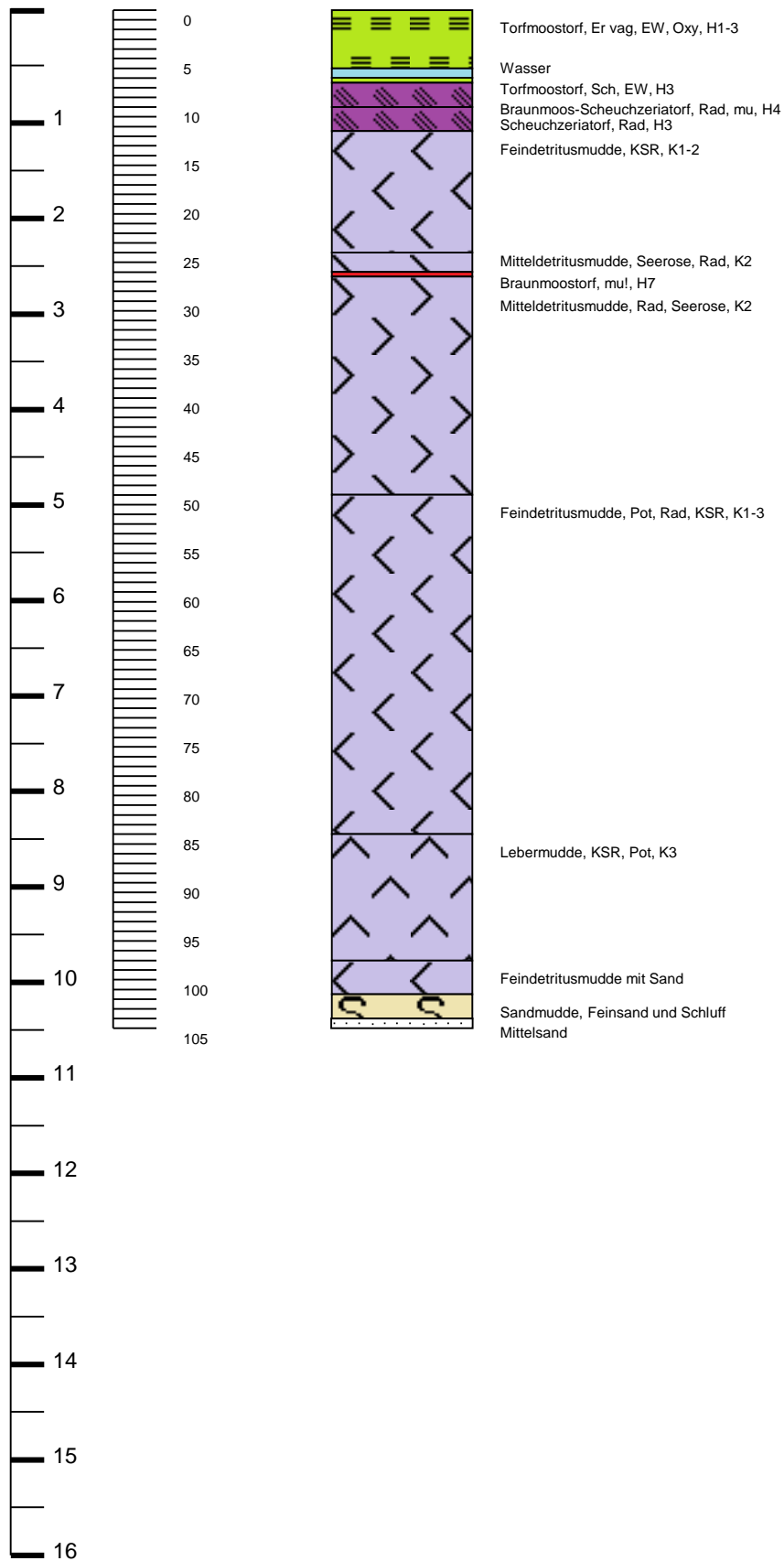
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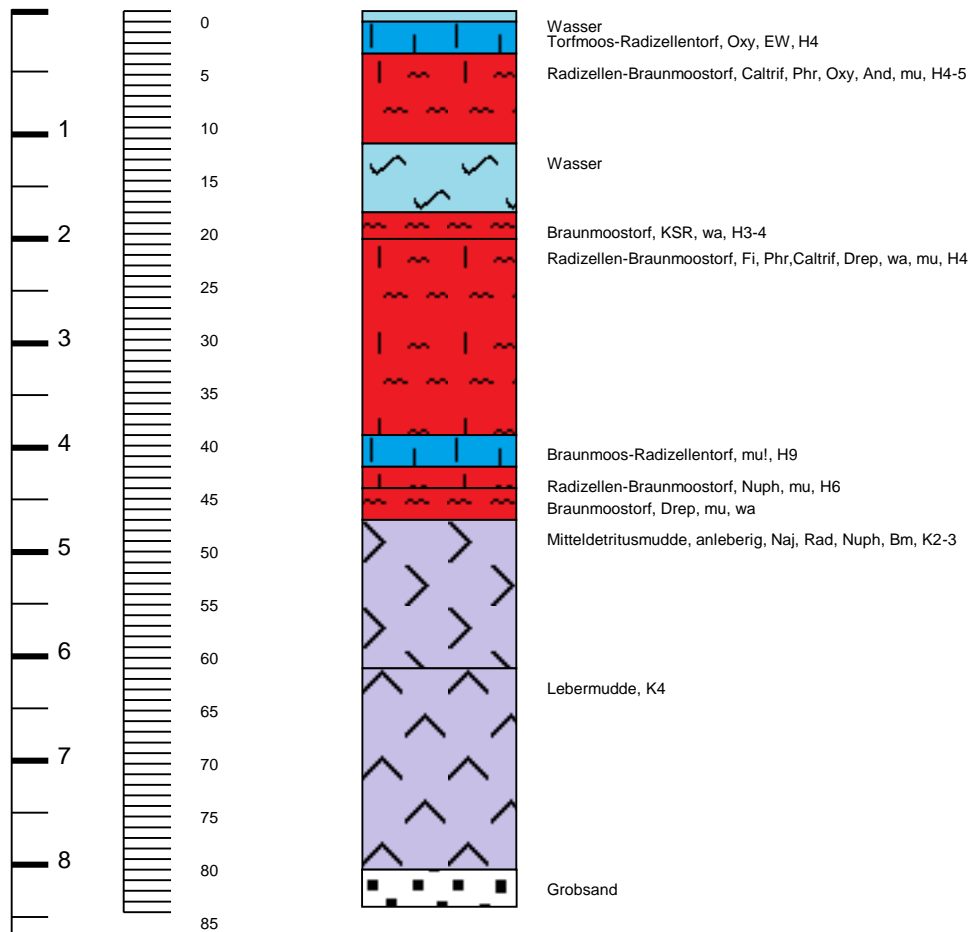
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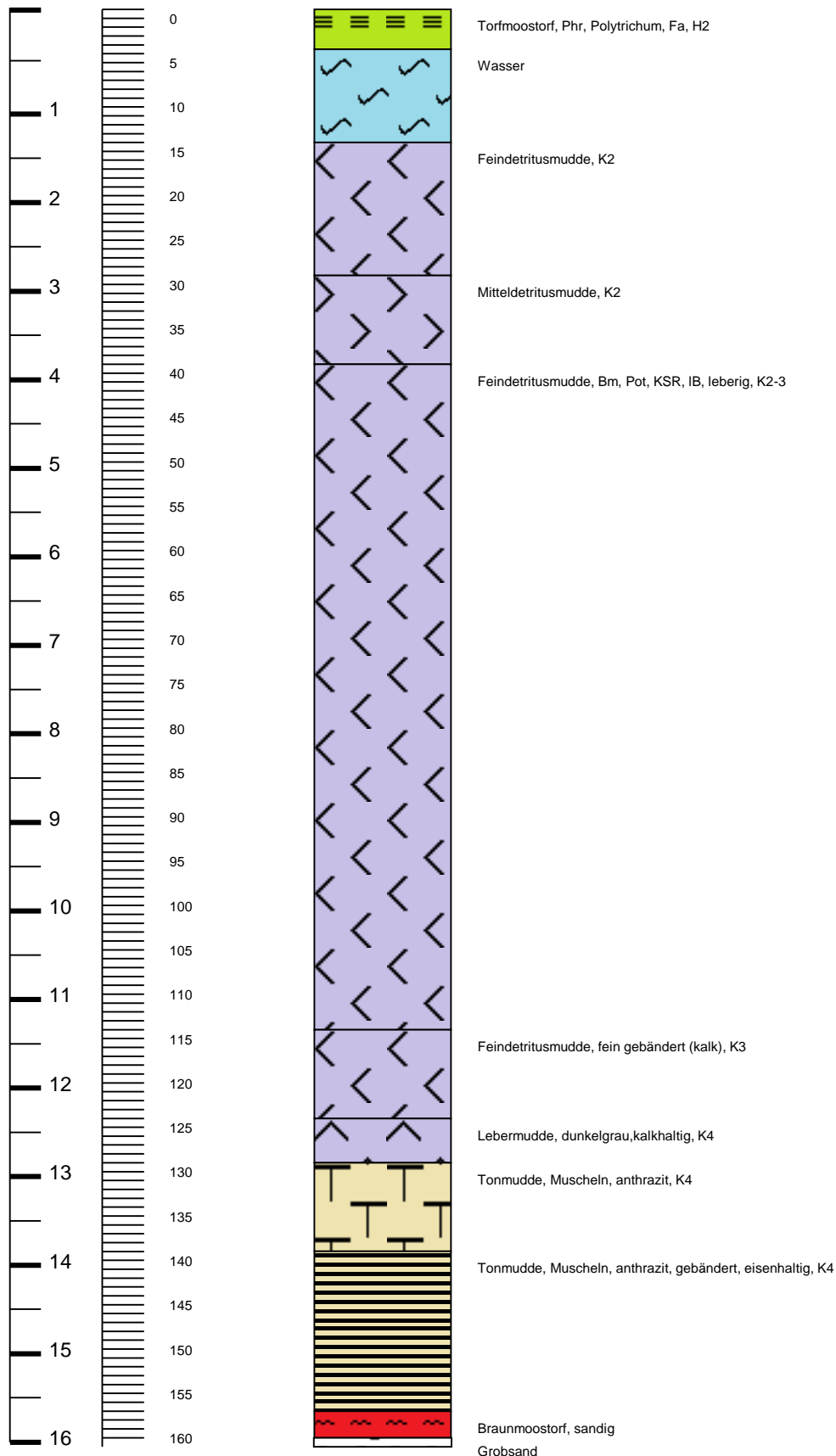
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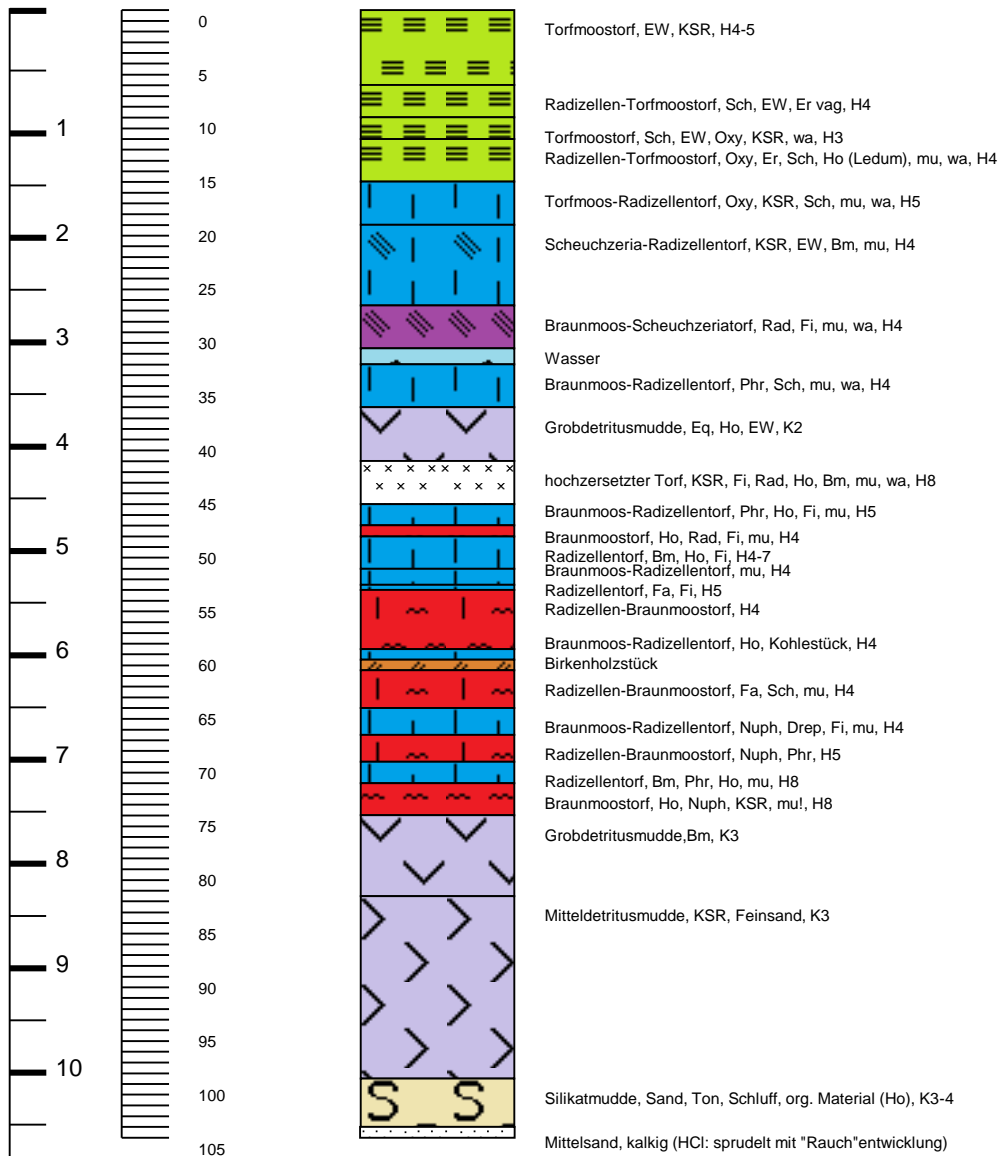
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# M 131

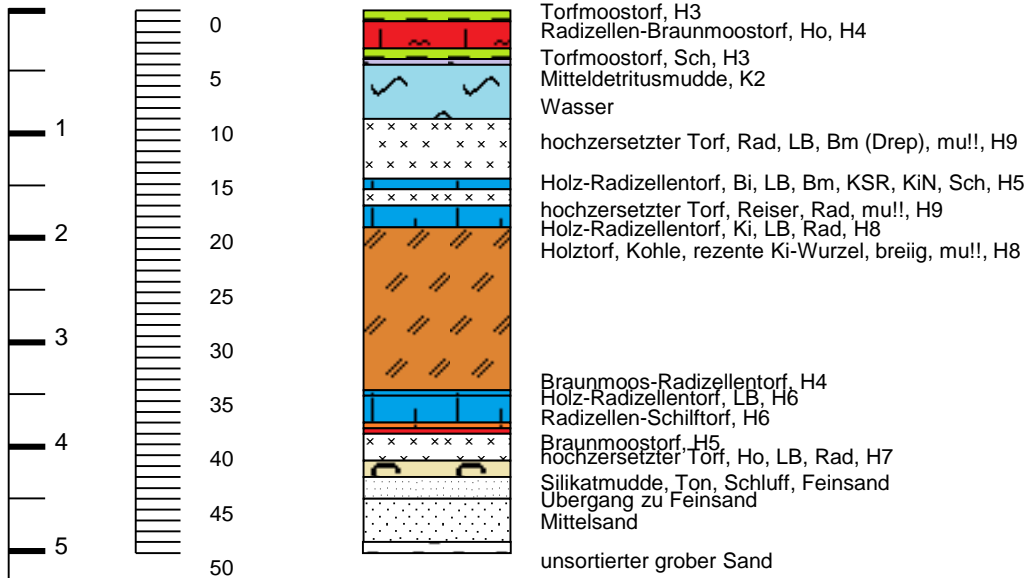


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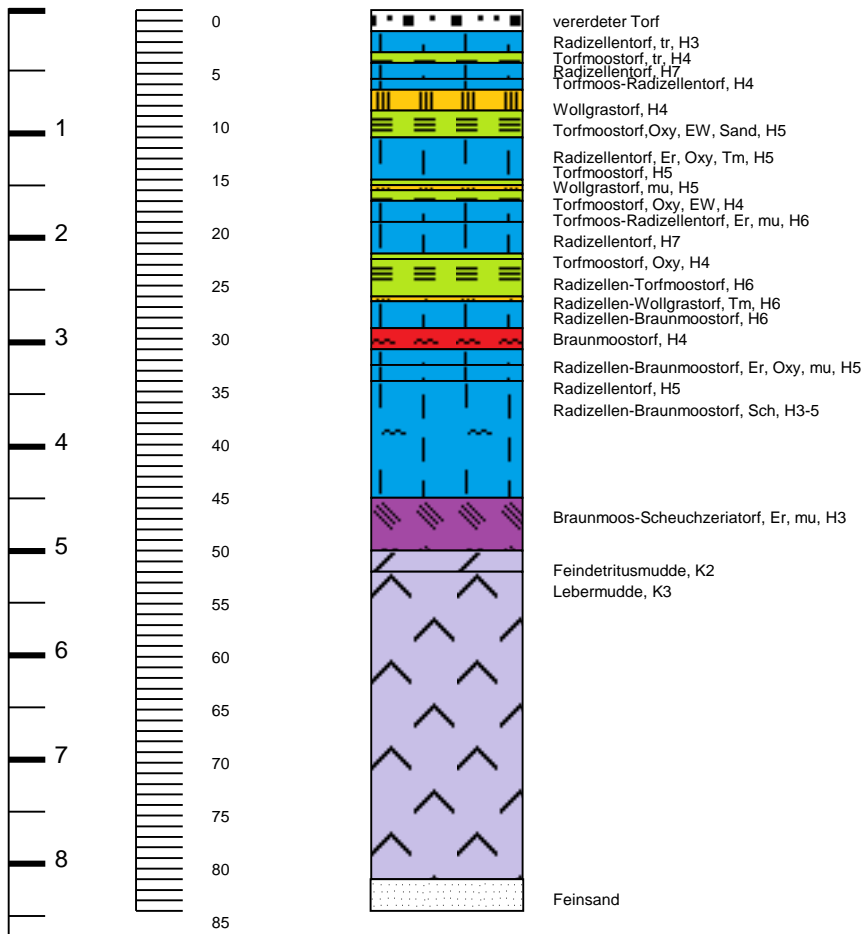




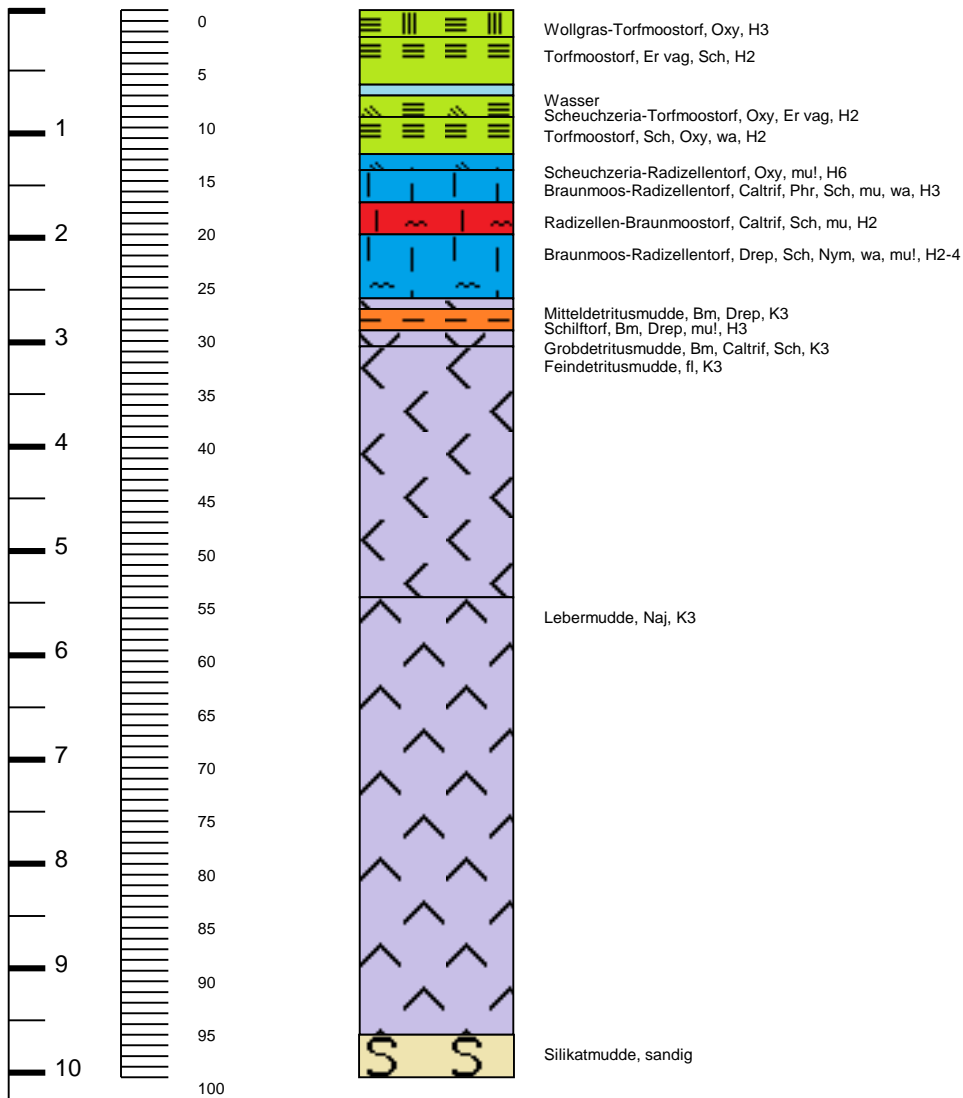
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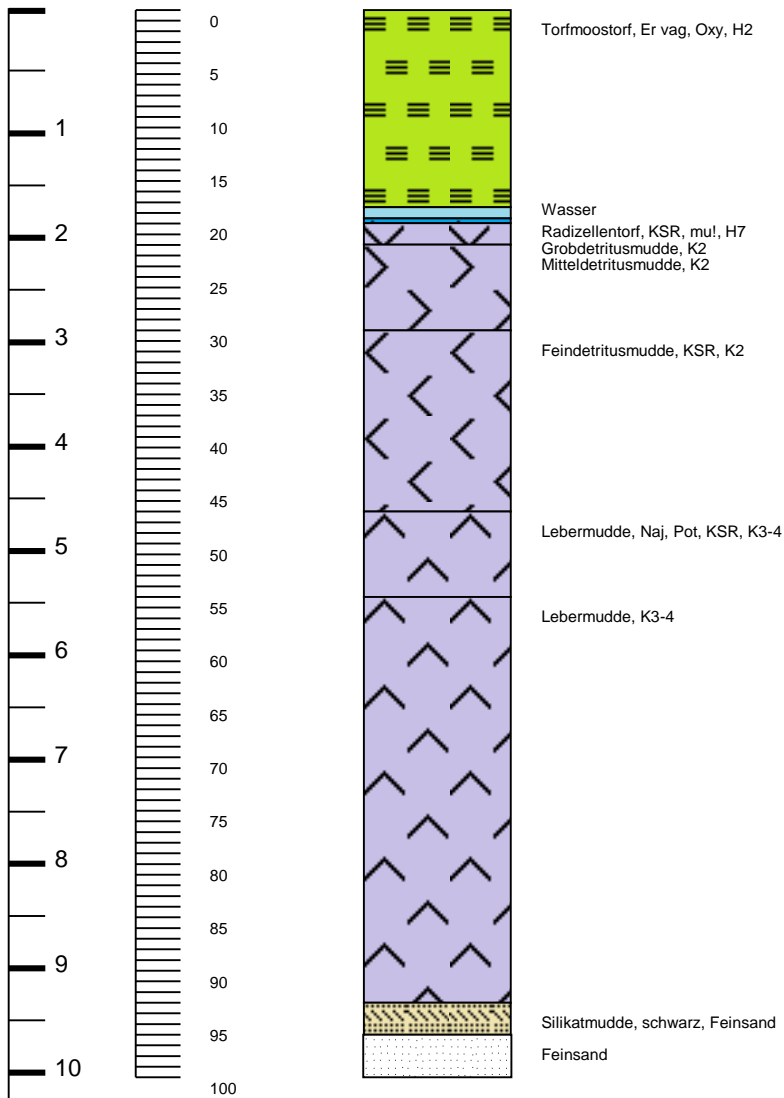
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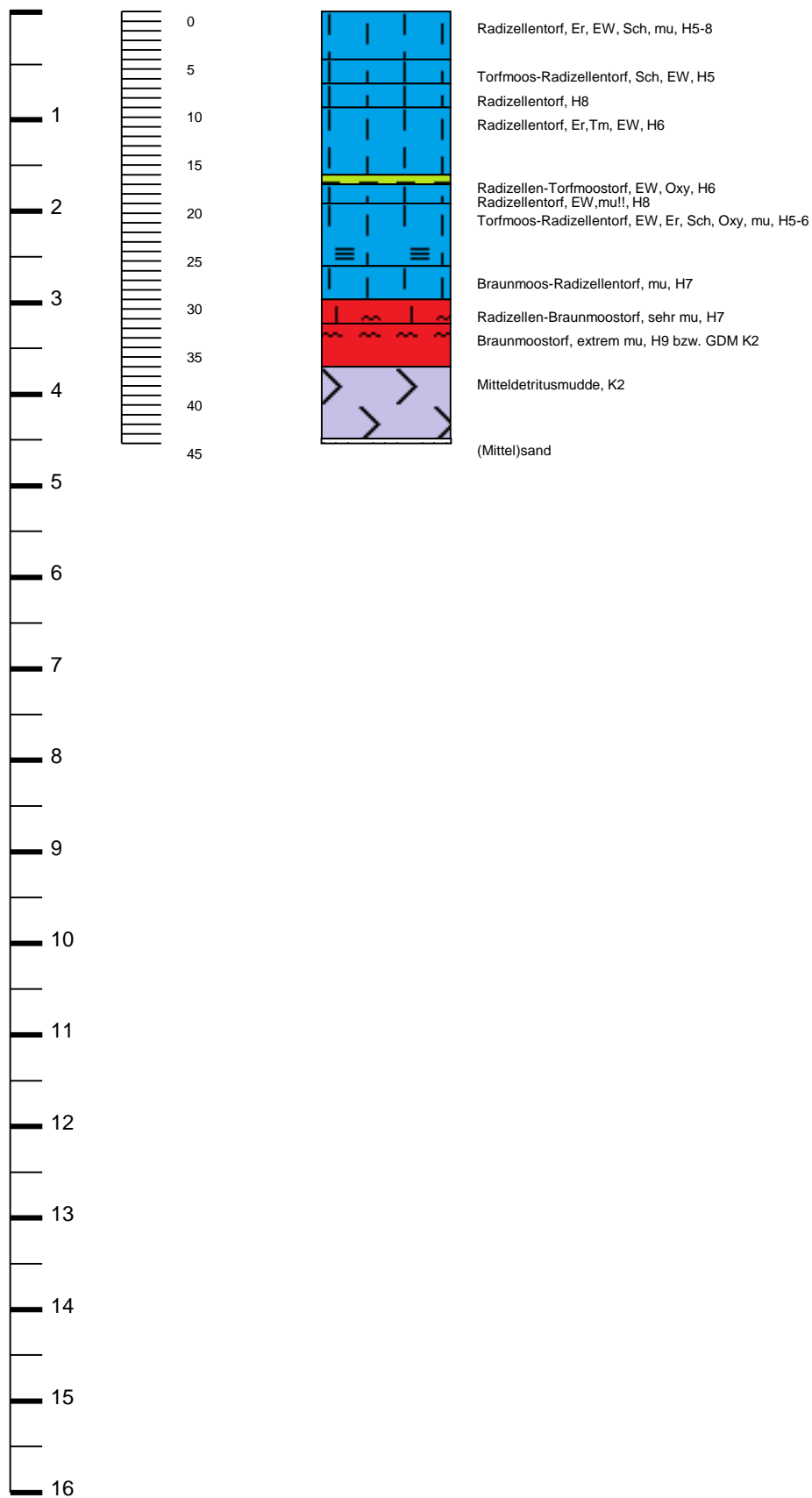
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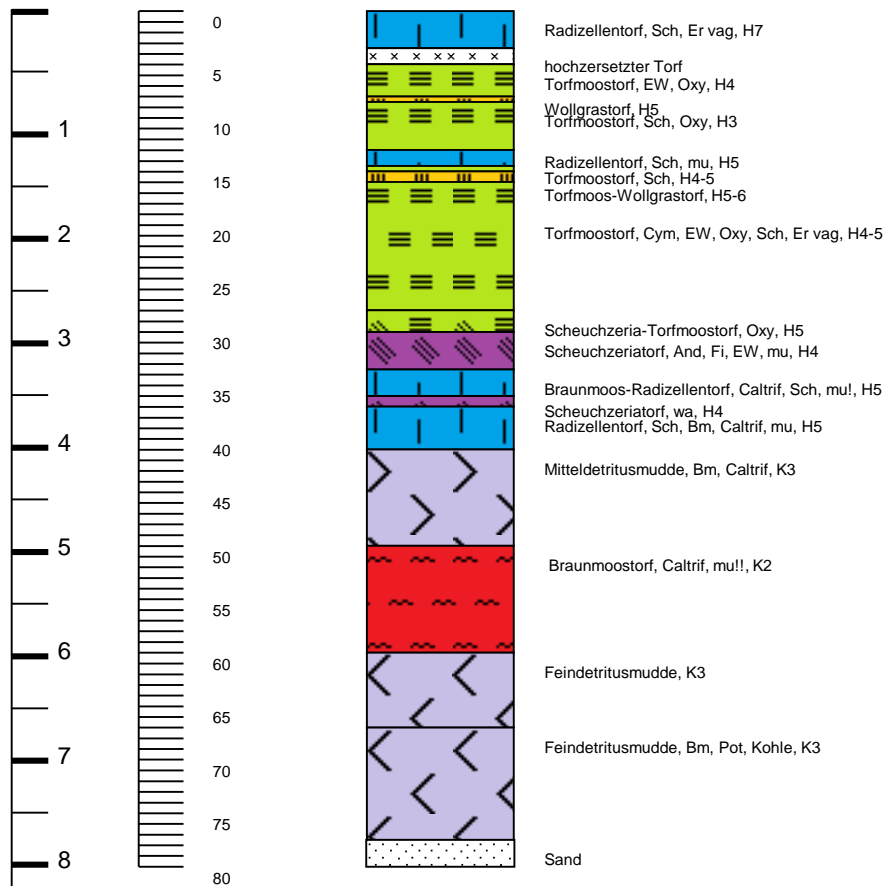
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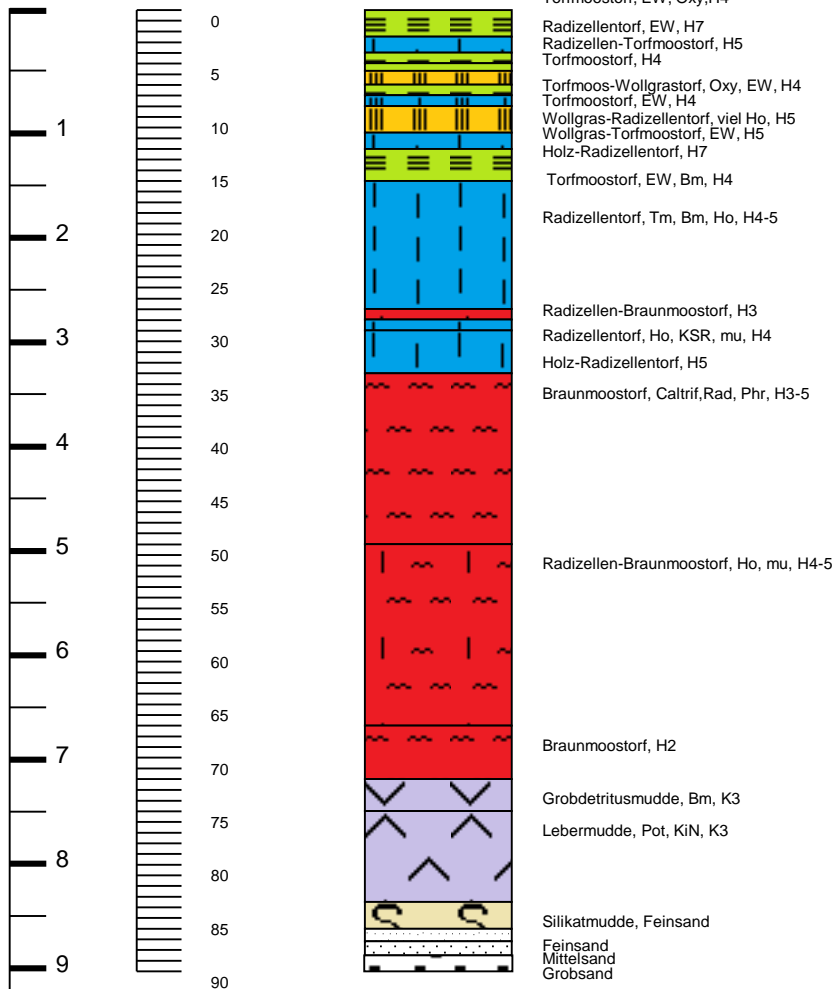
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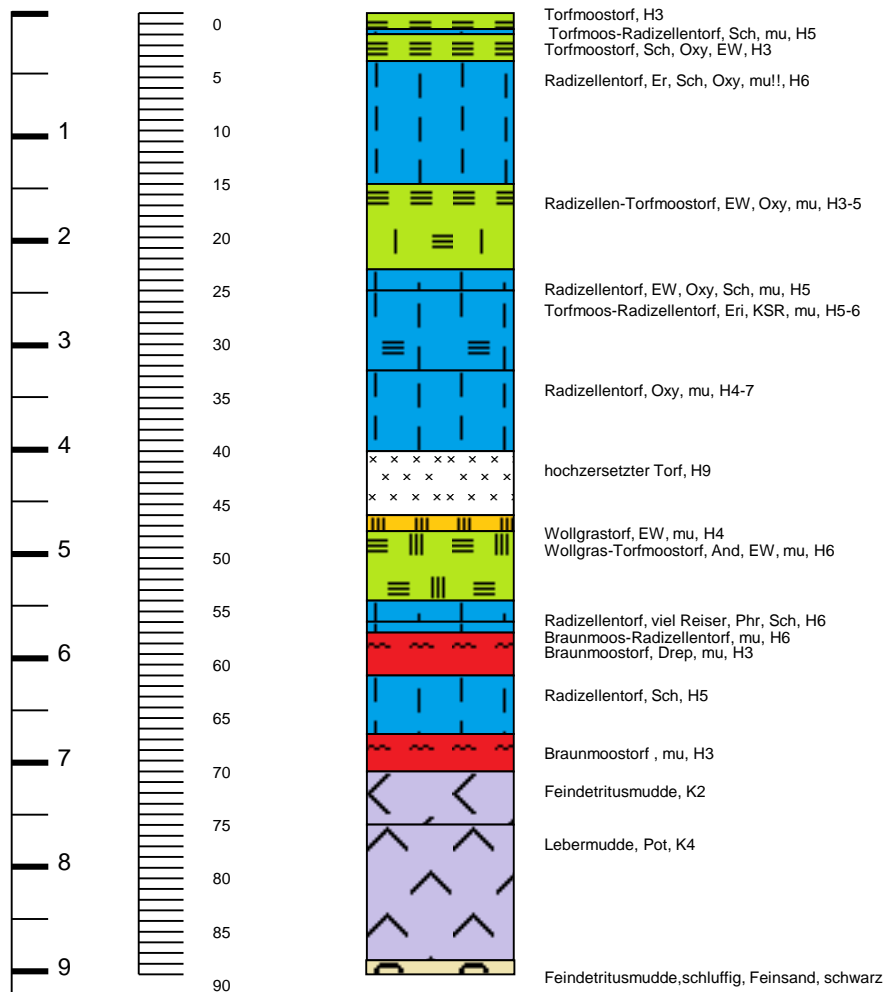
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# M 175

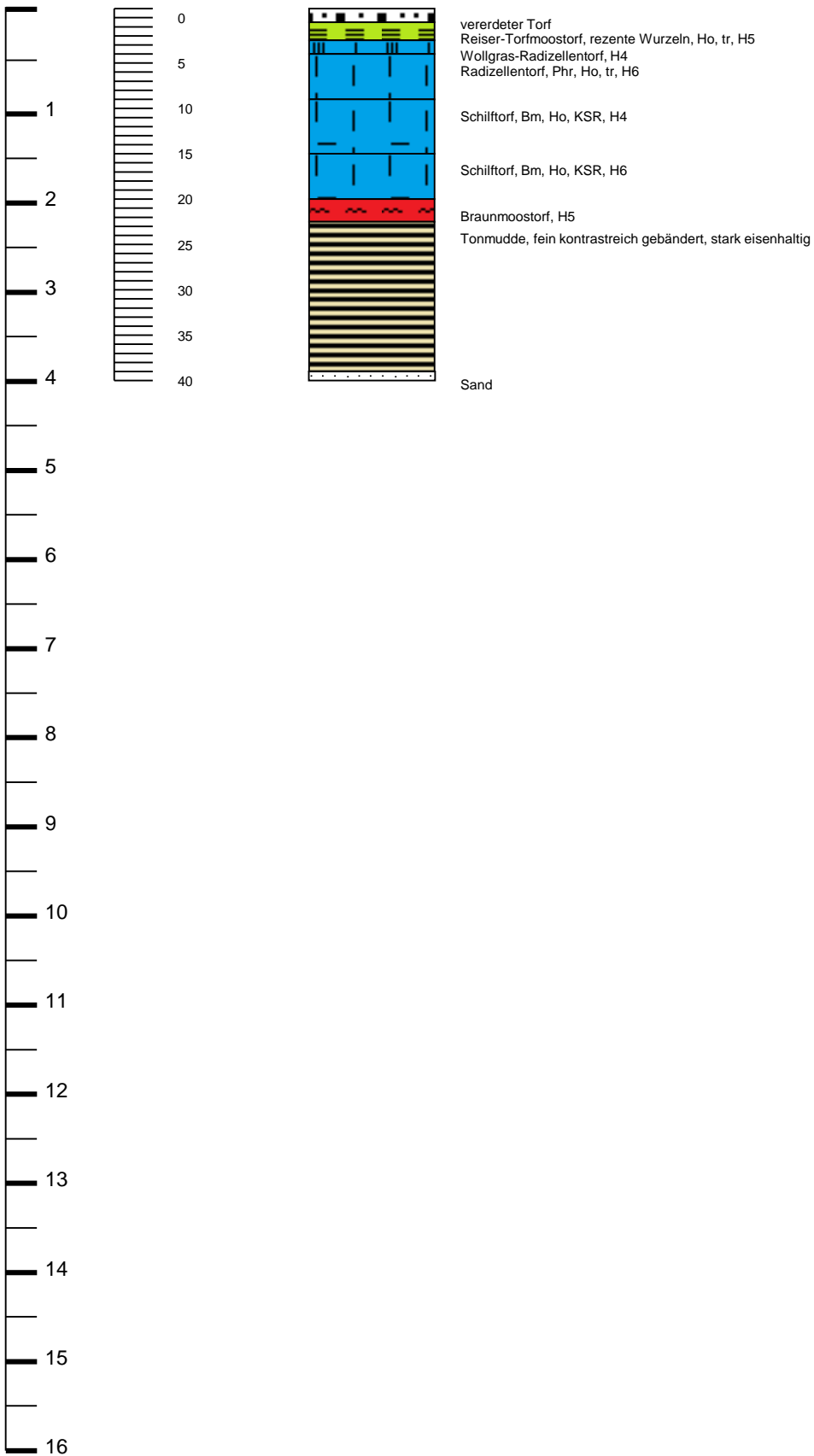


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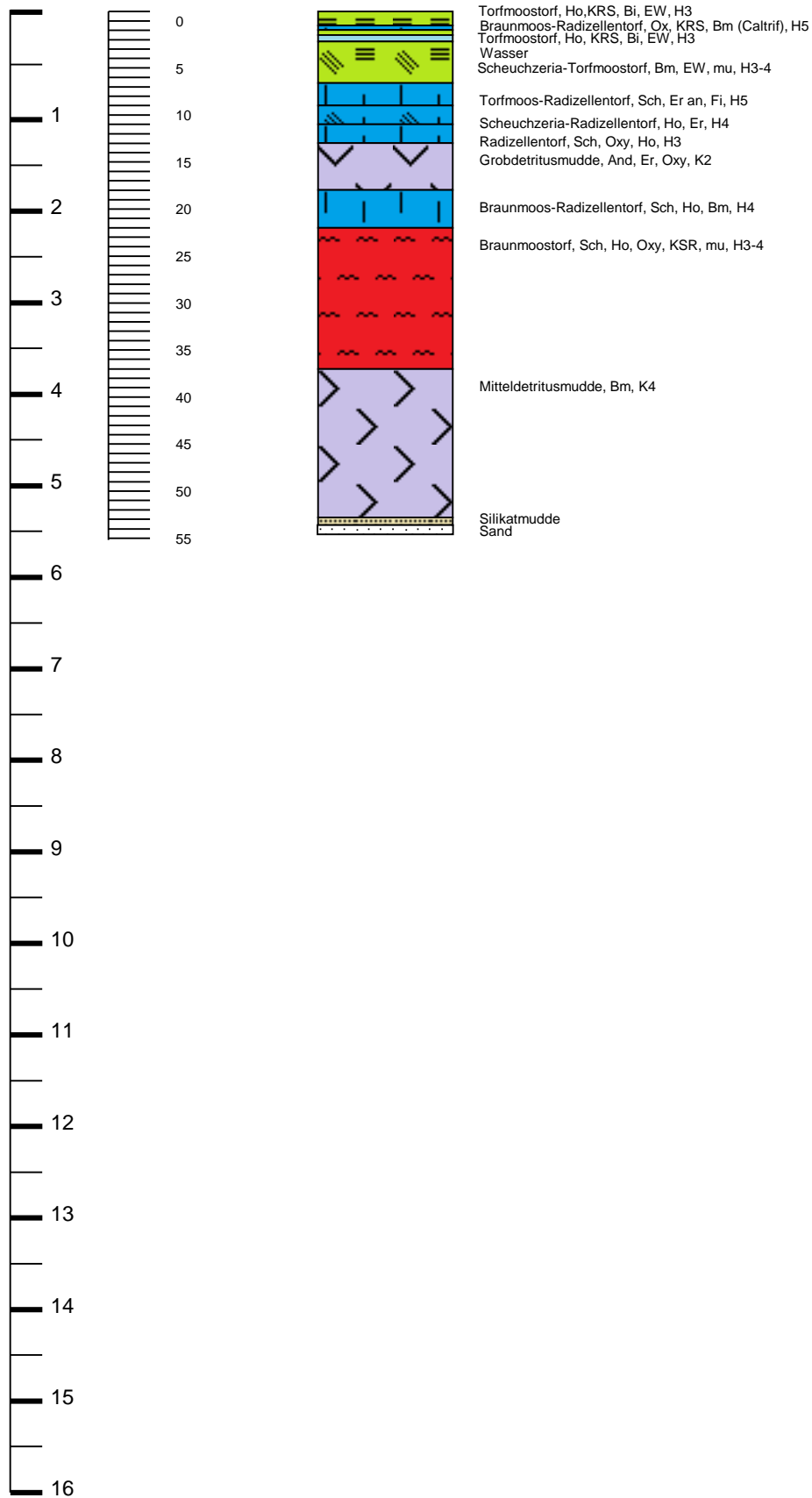




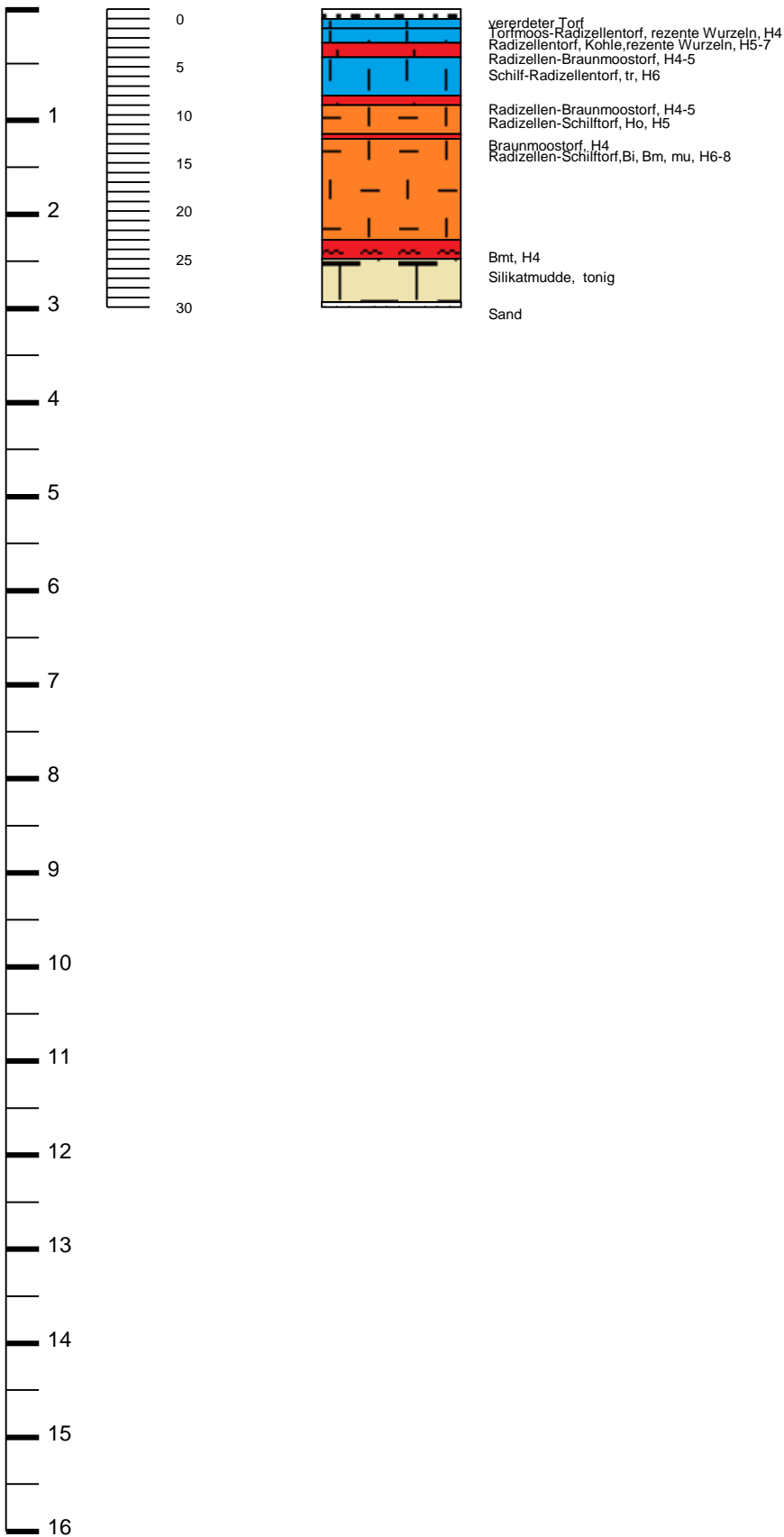
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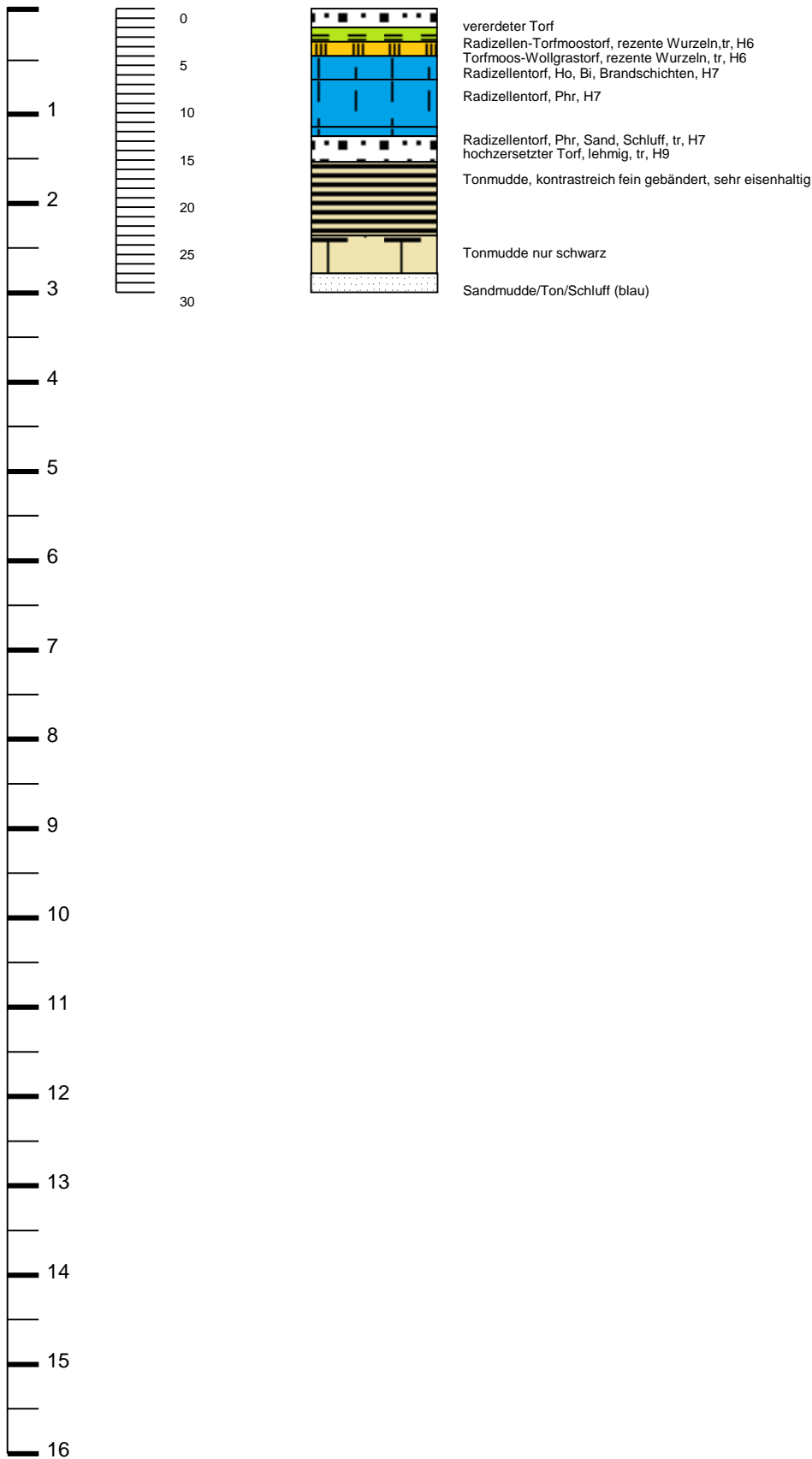
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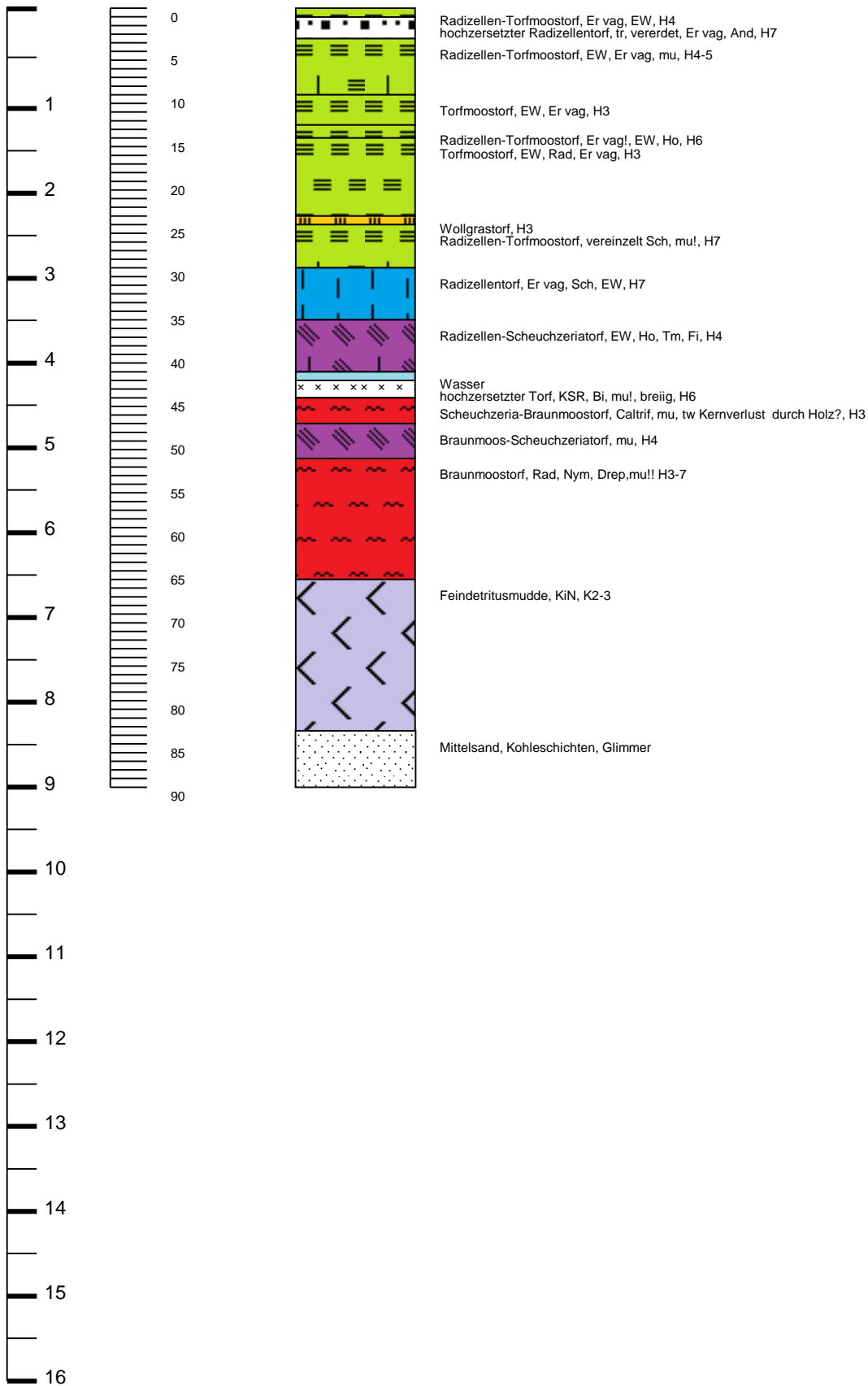
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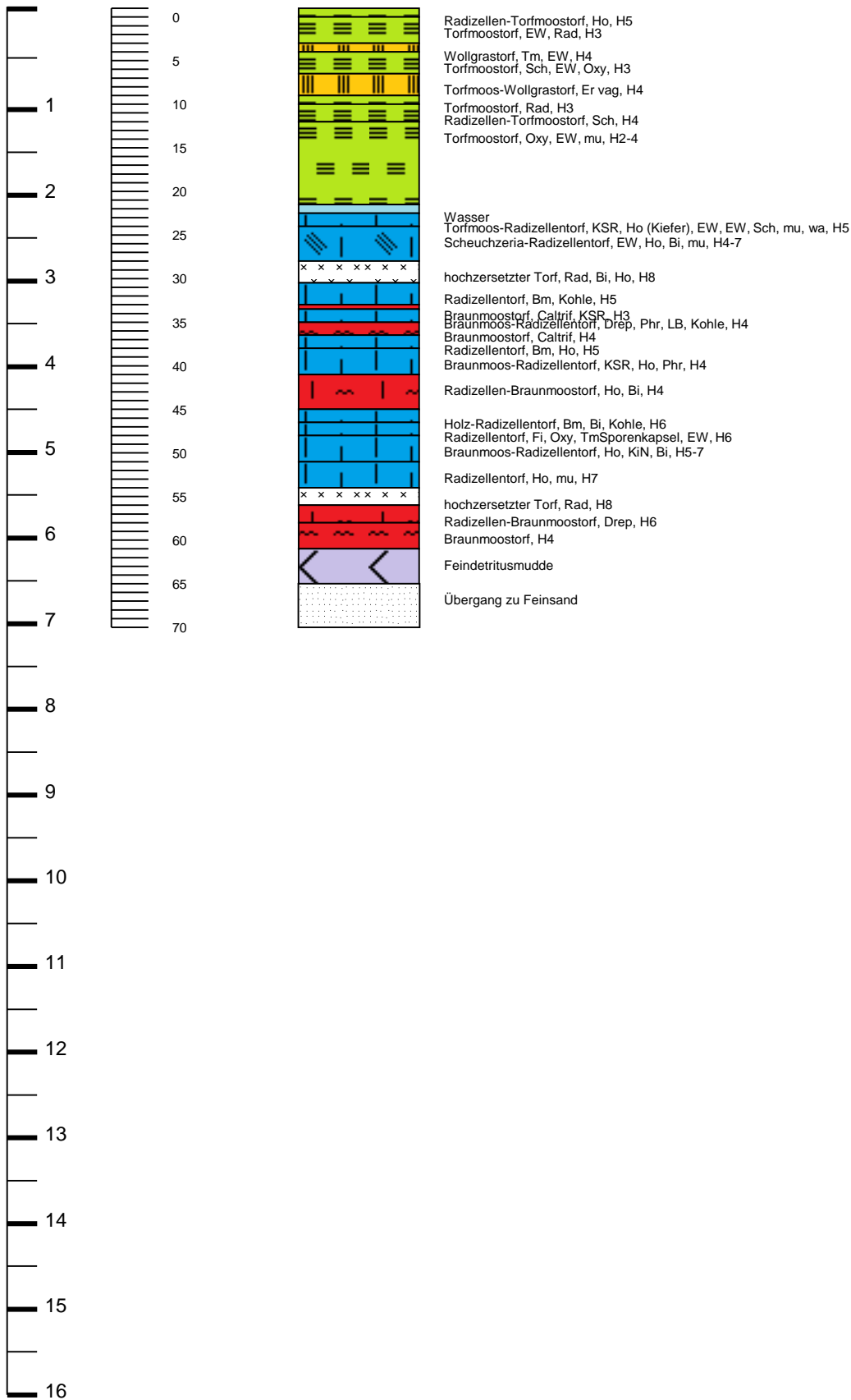
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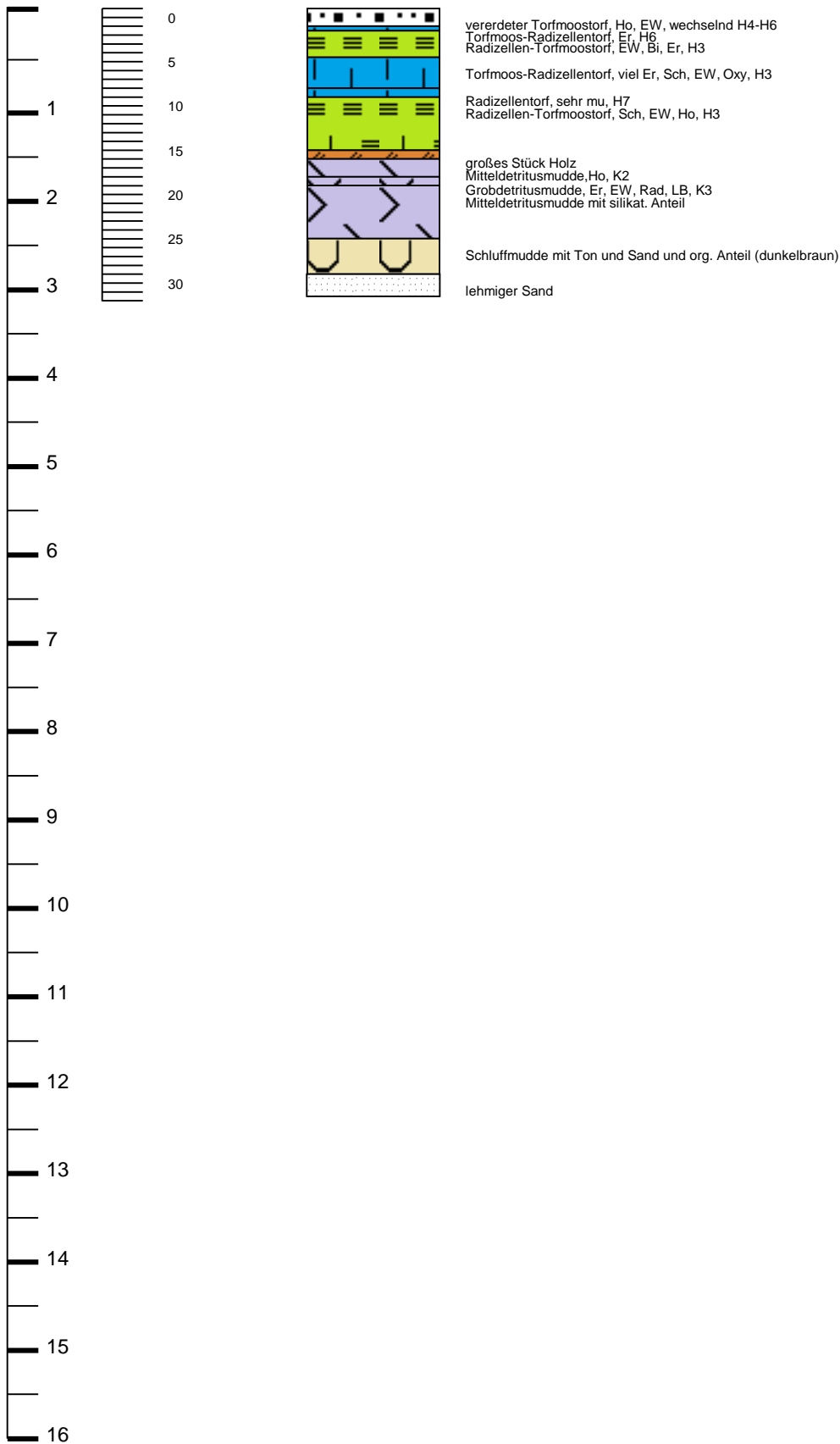
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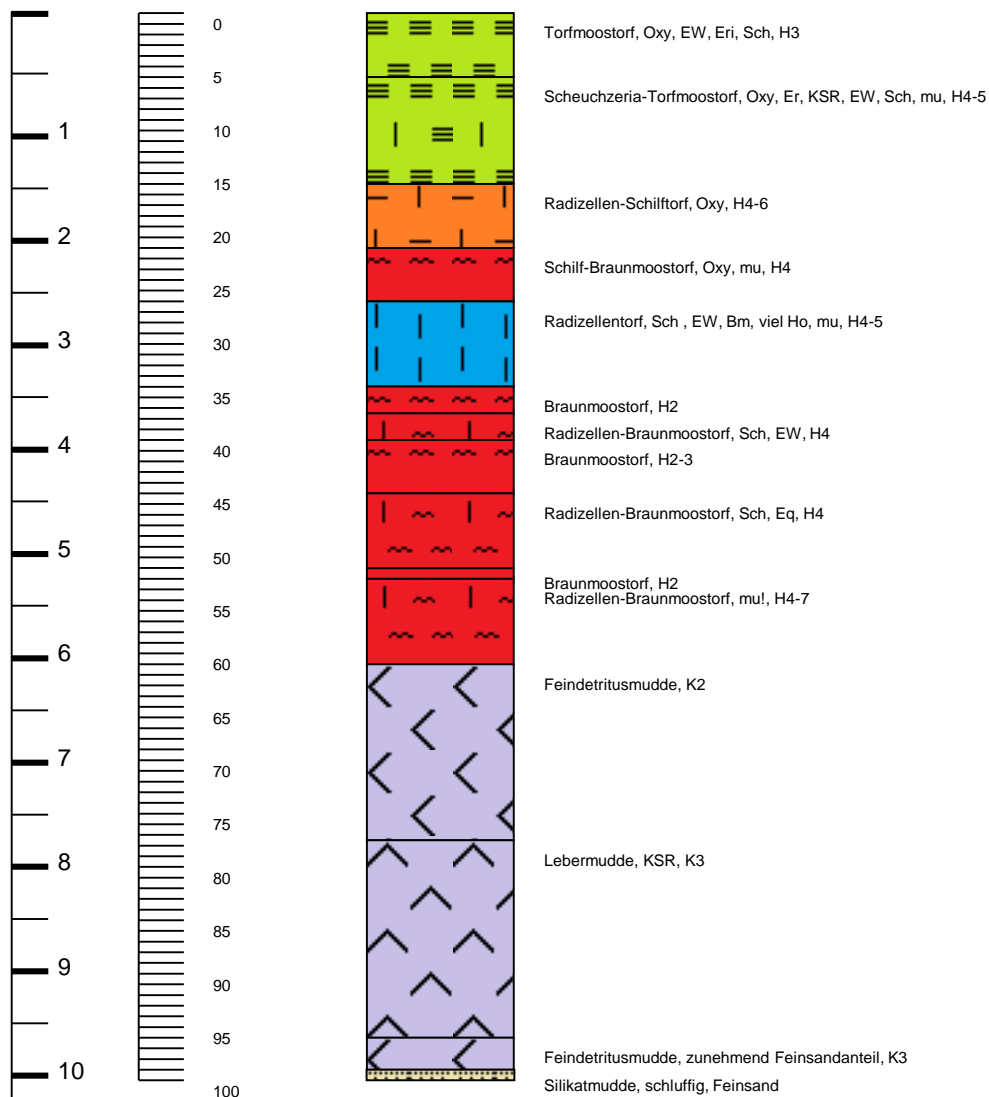
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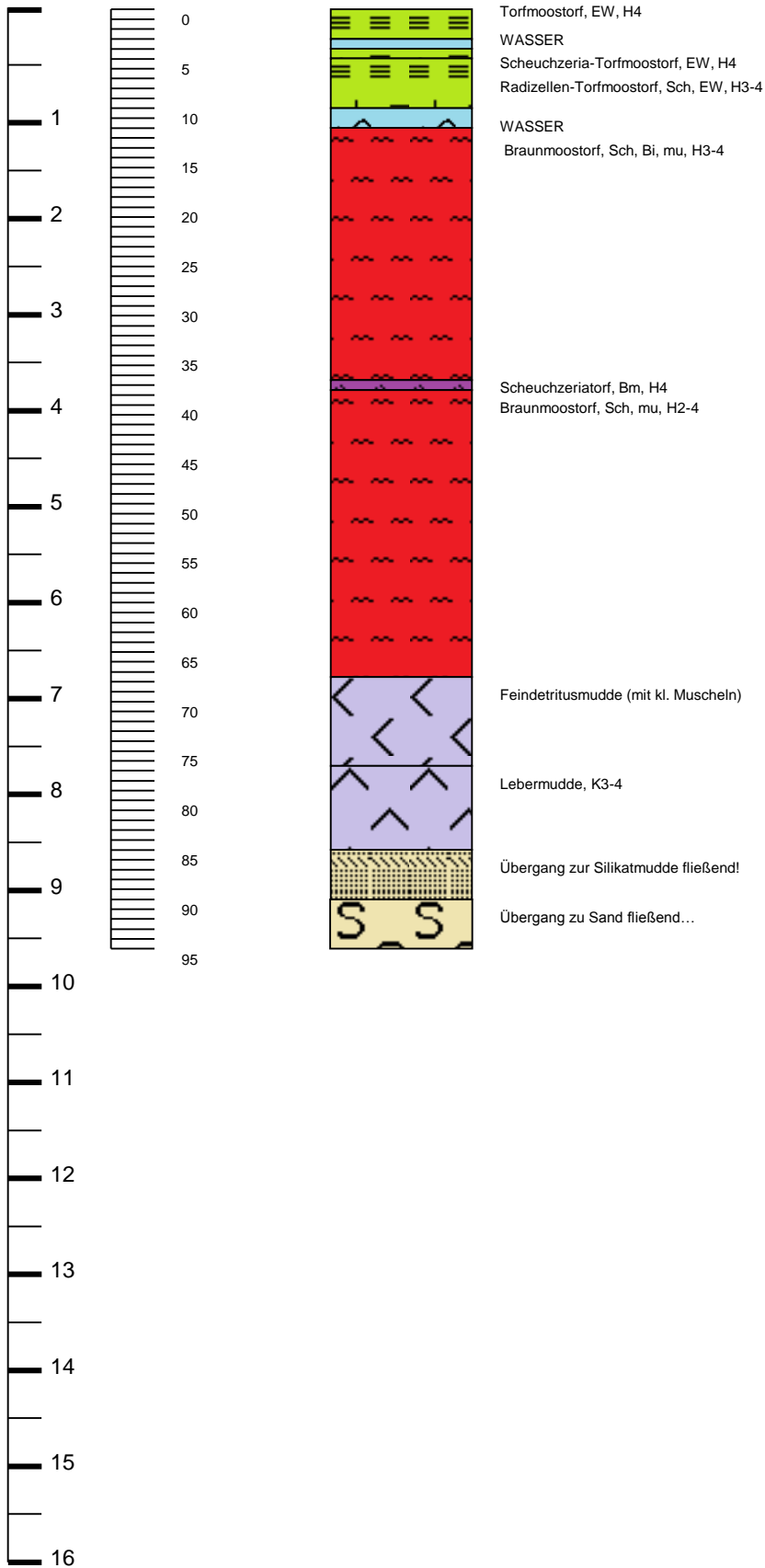


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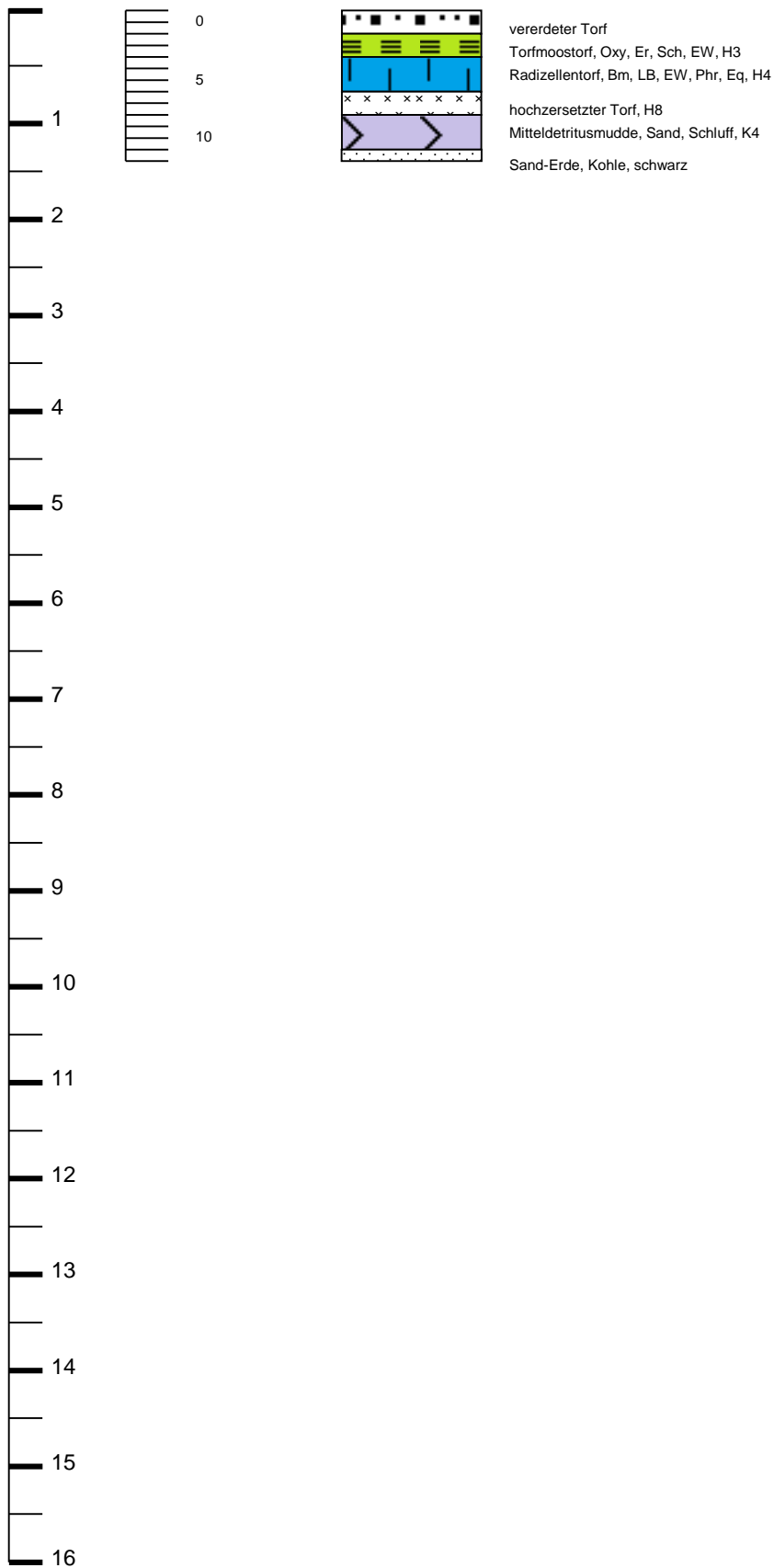




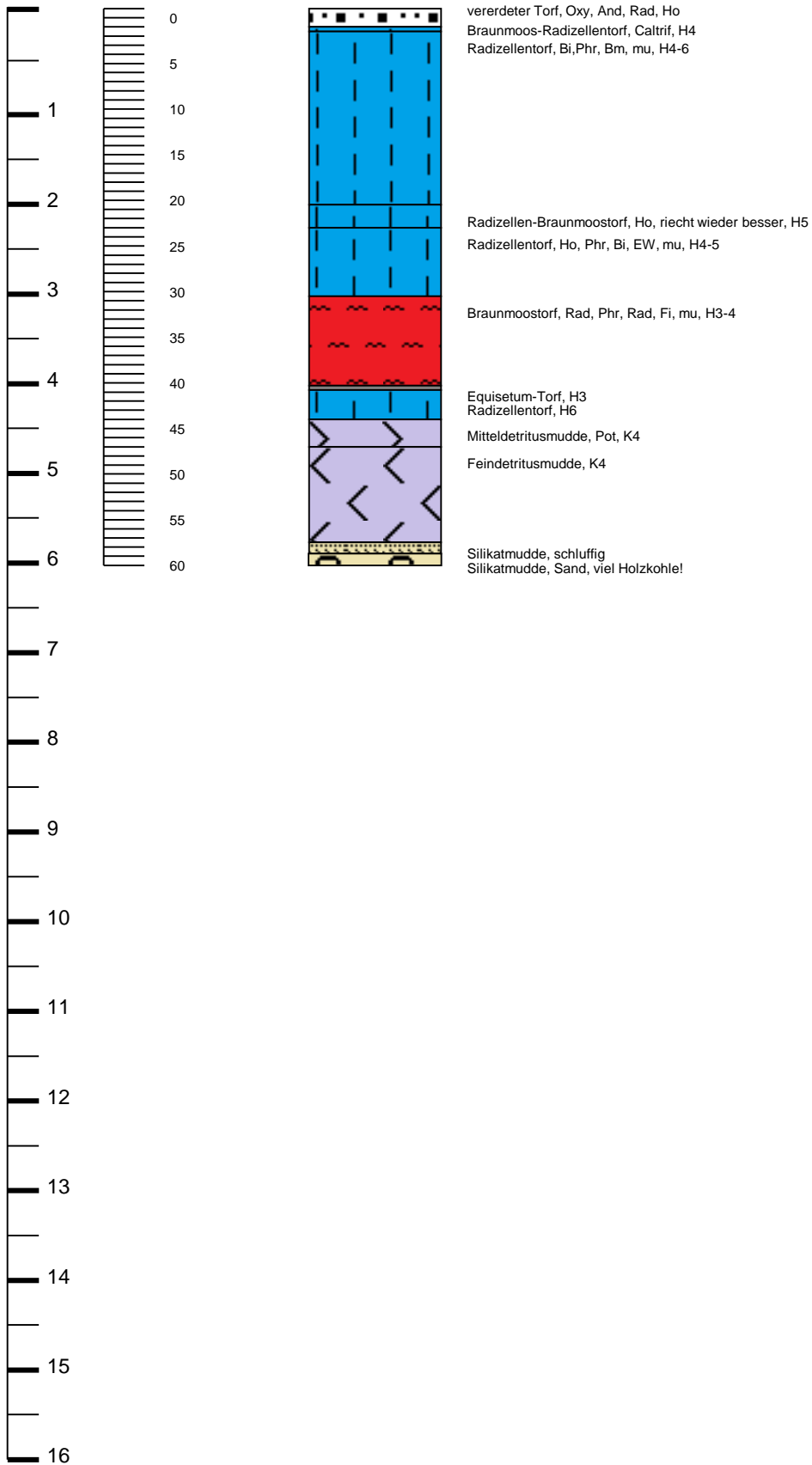
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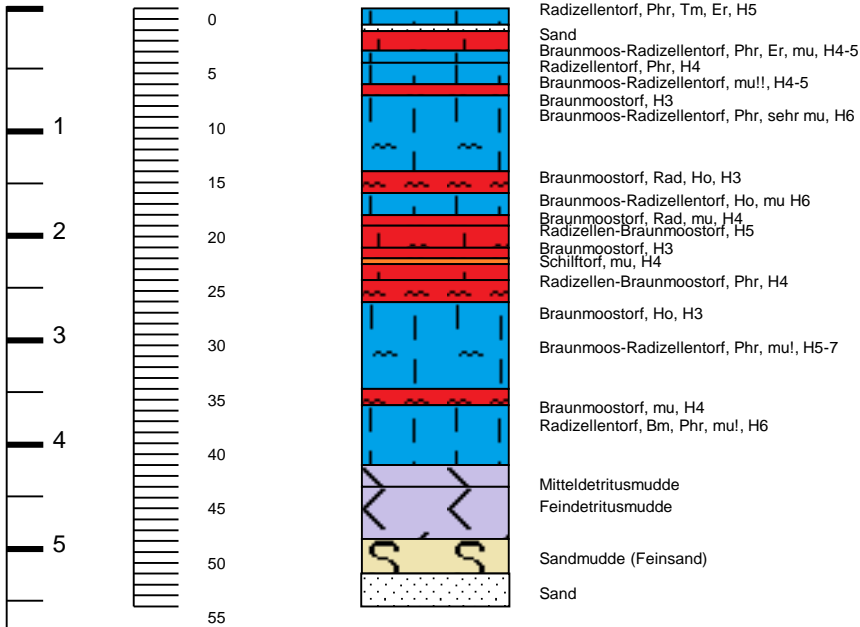
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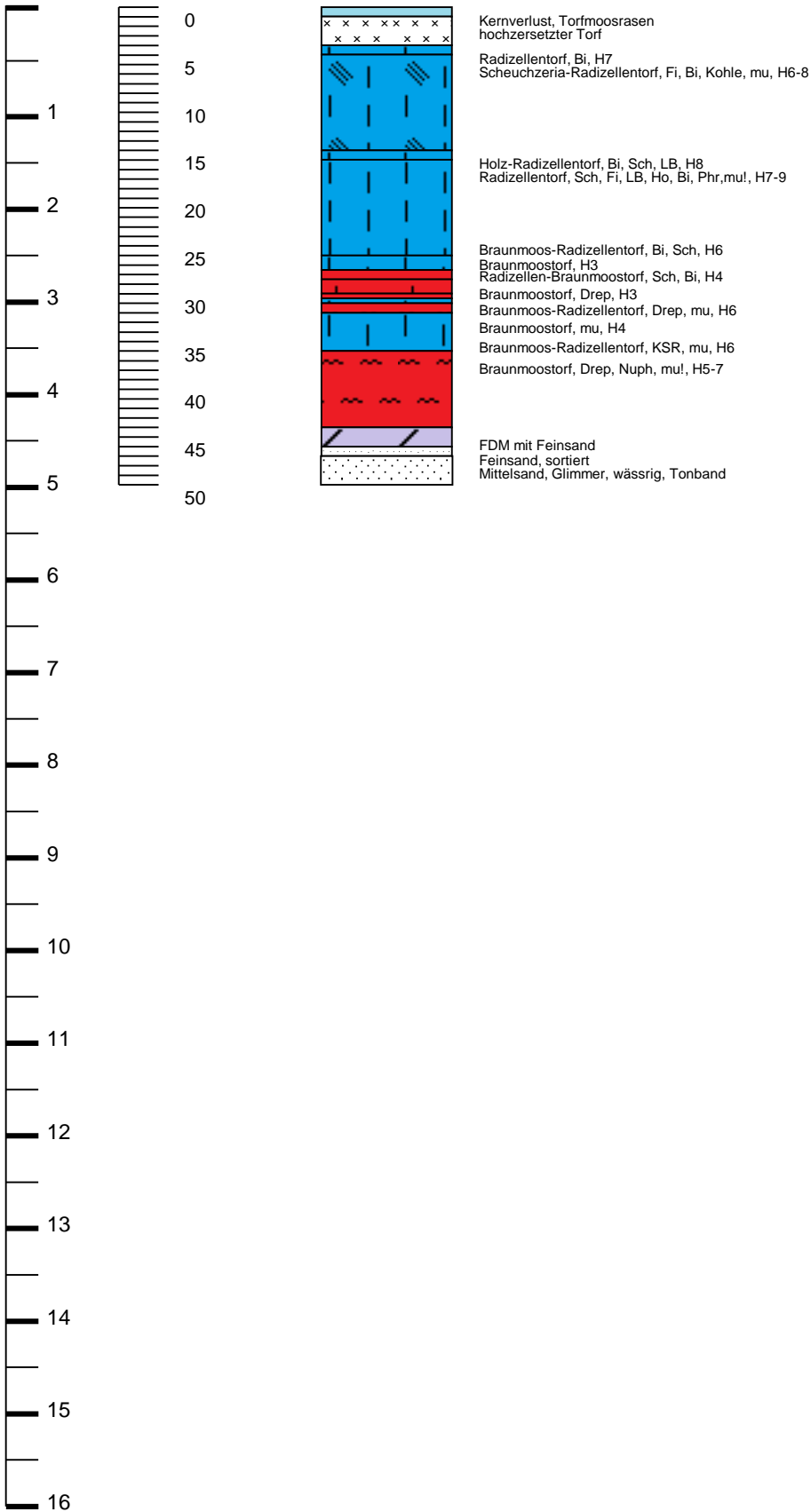
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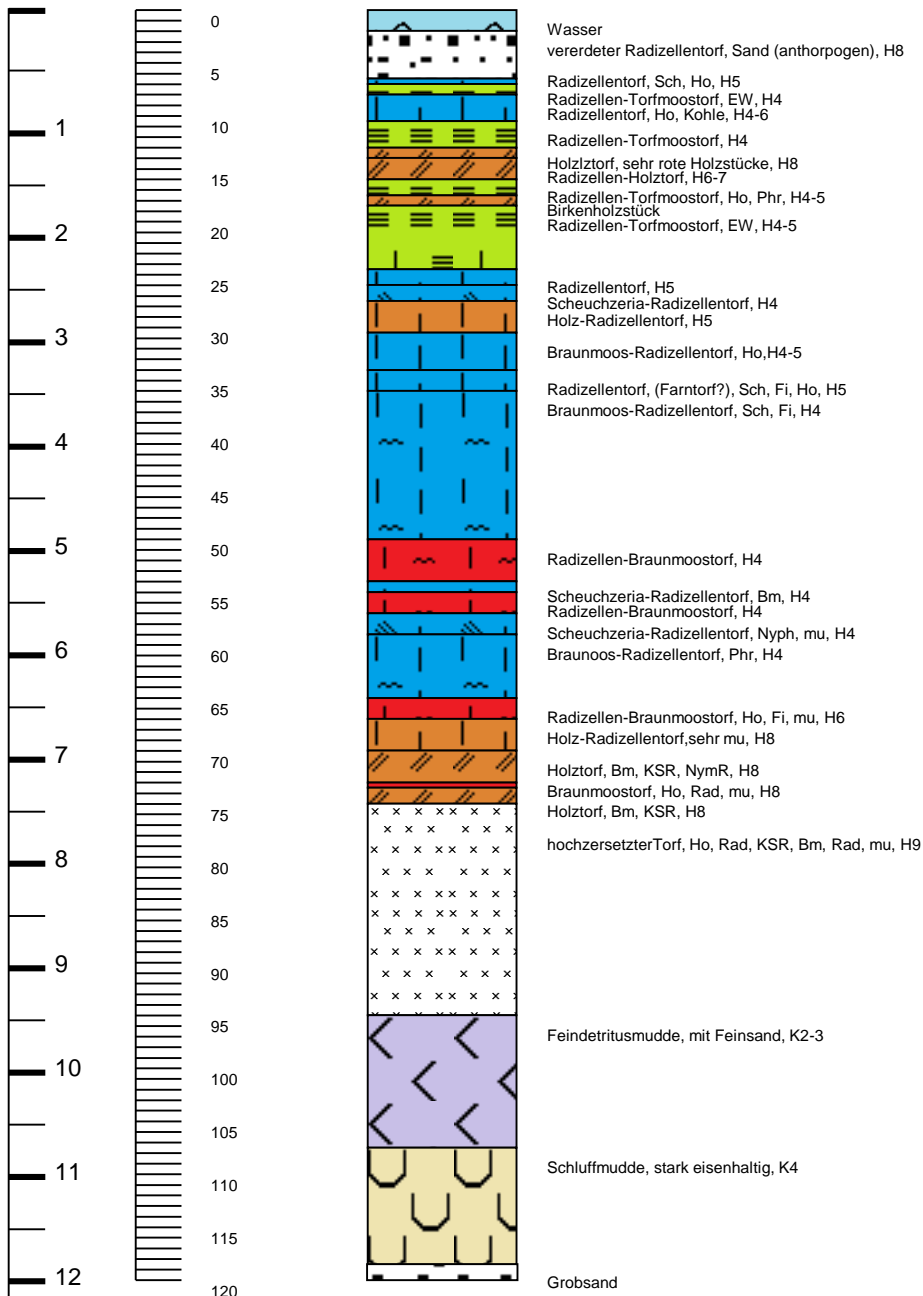
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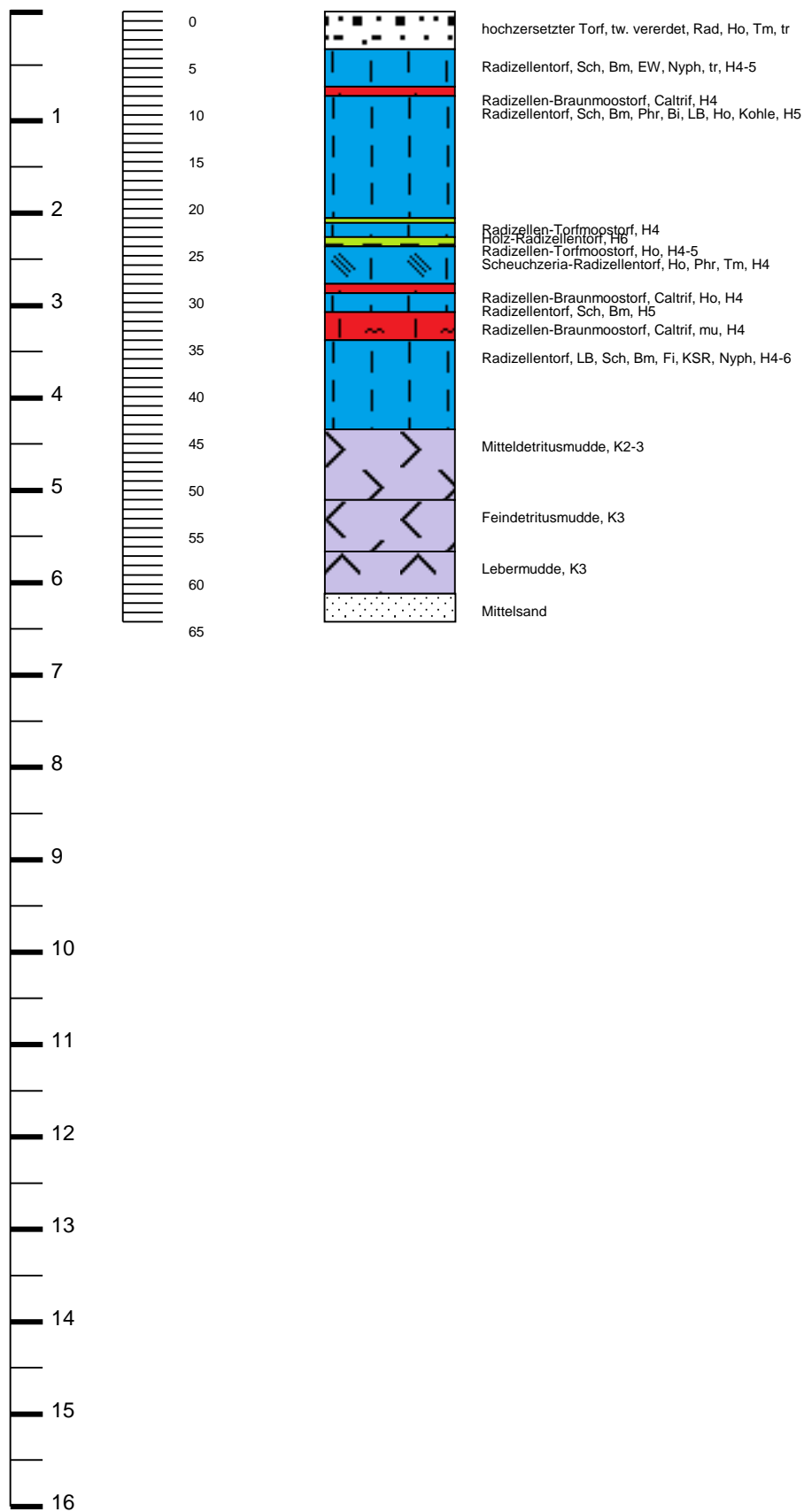
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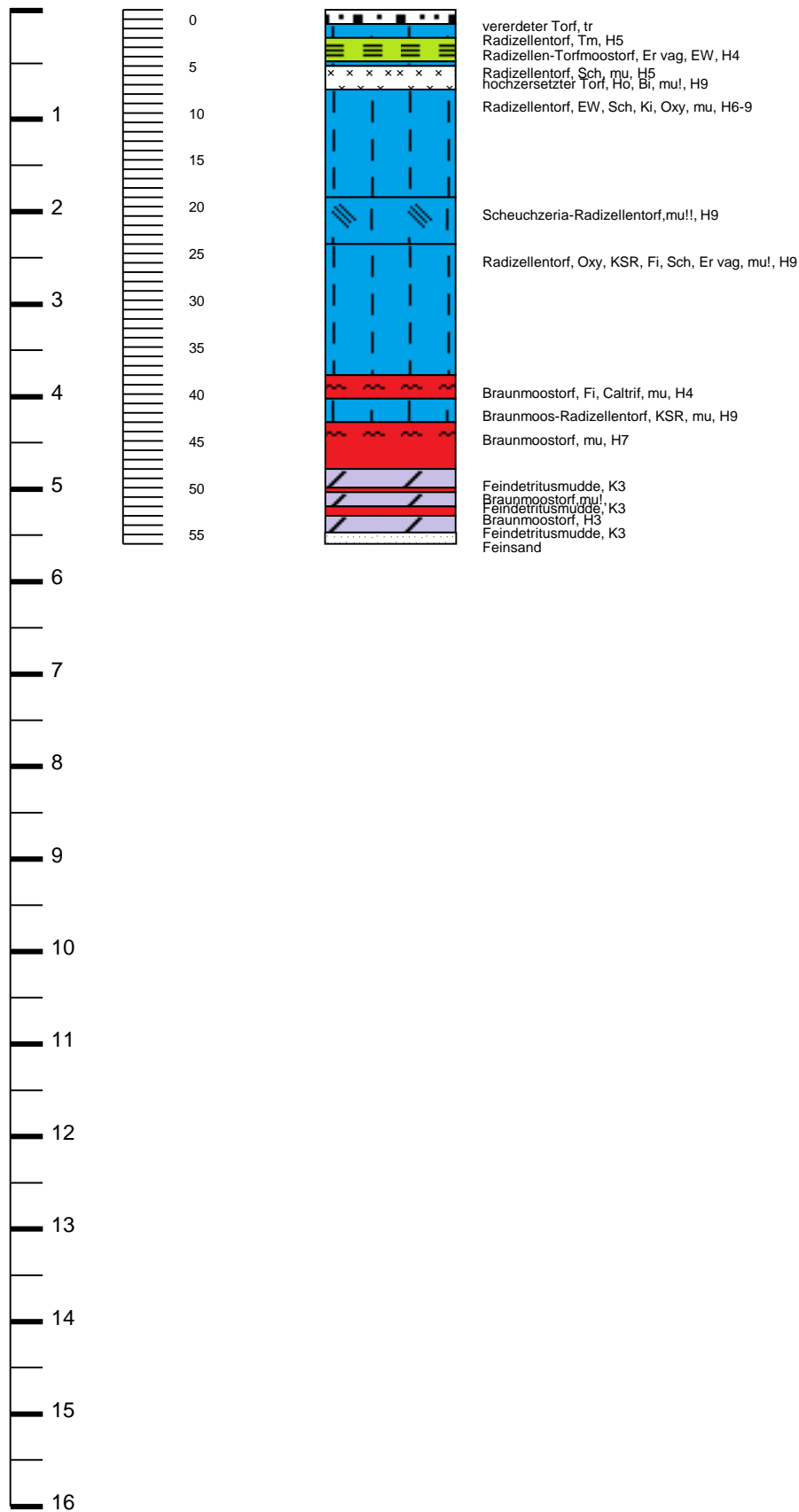
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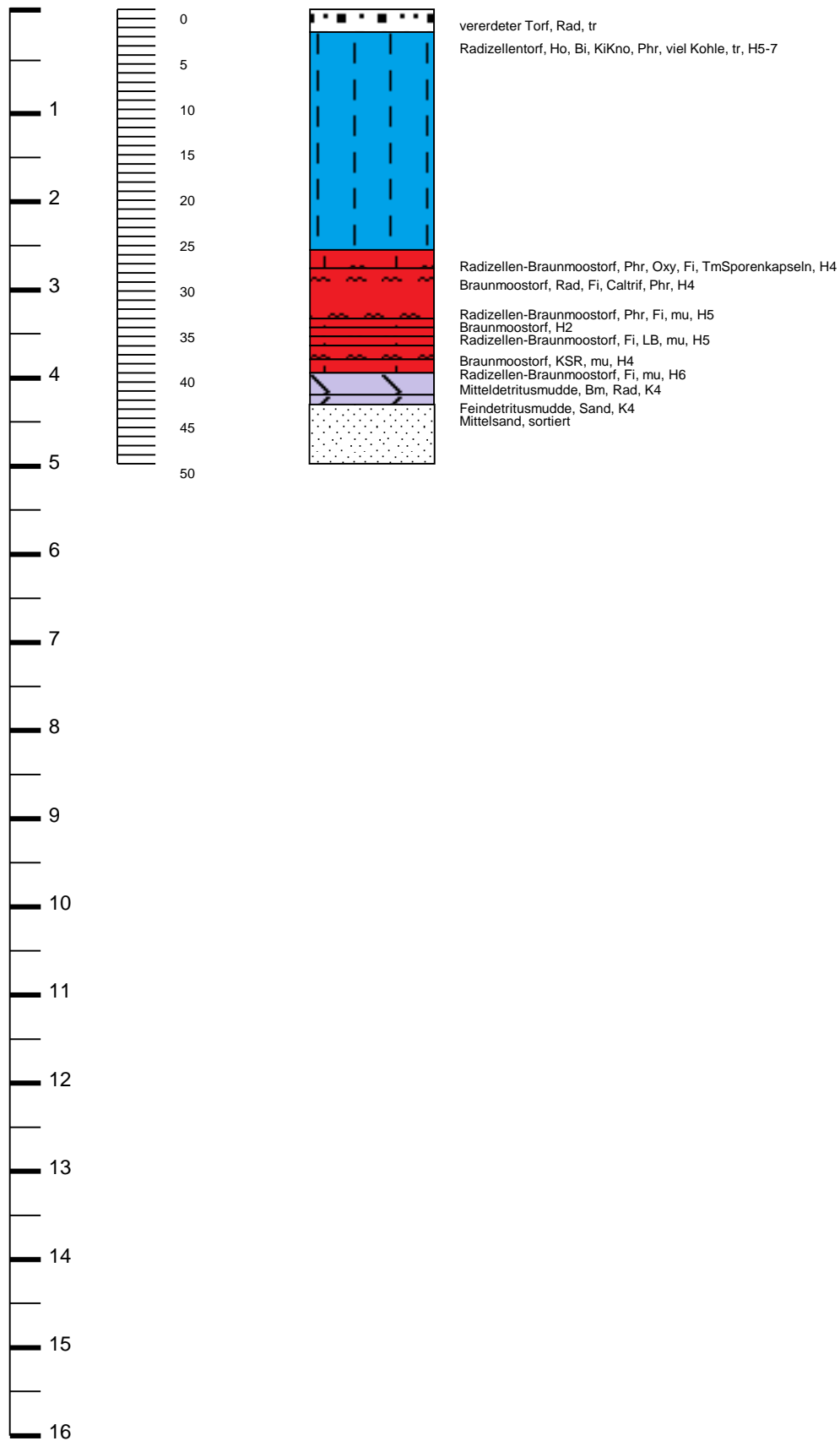


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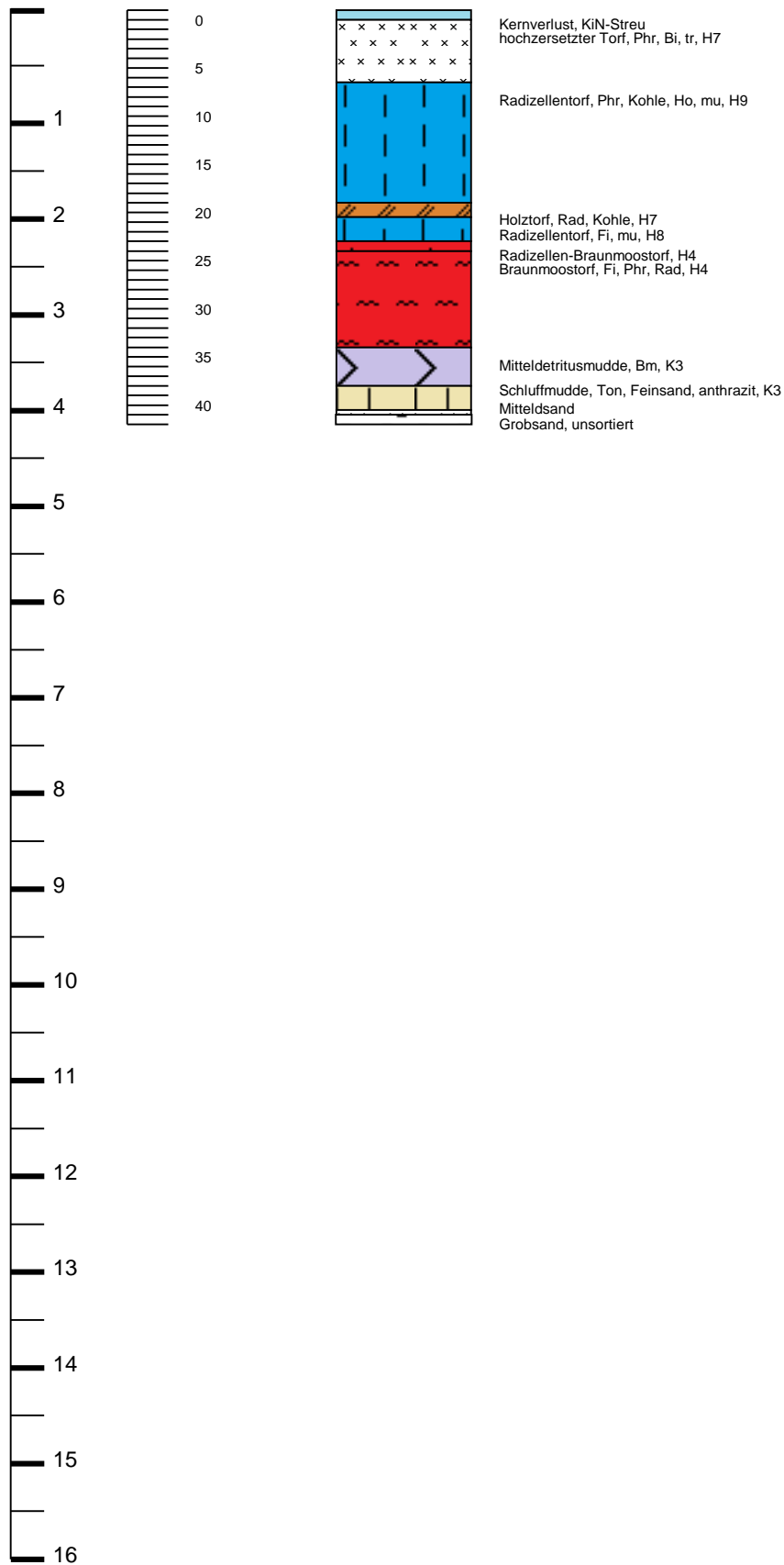




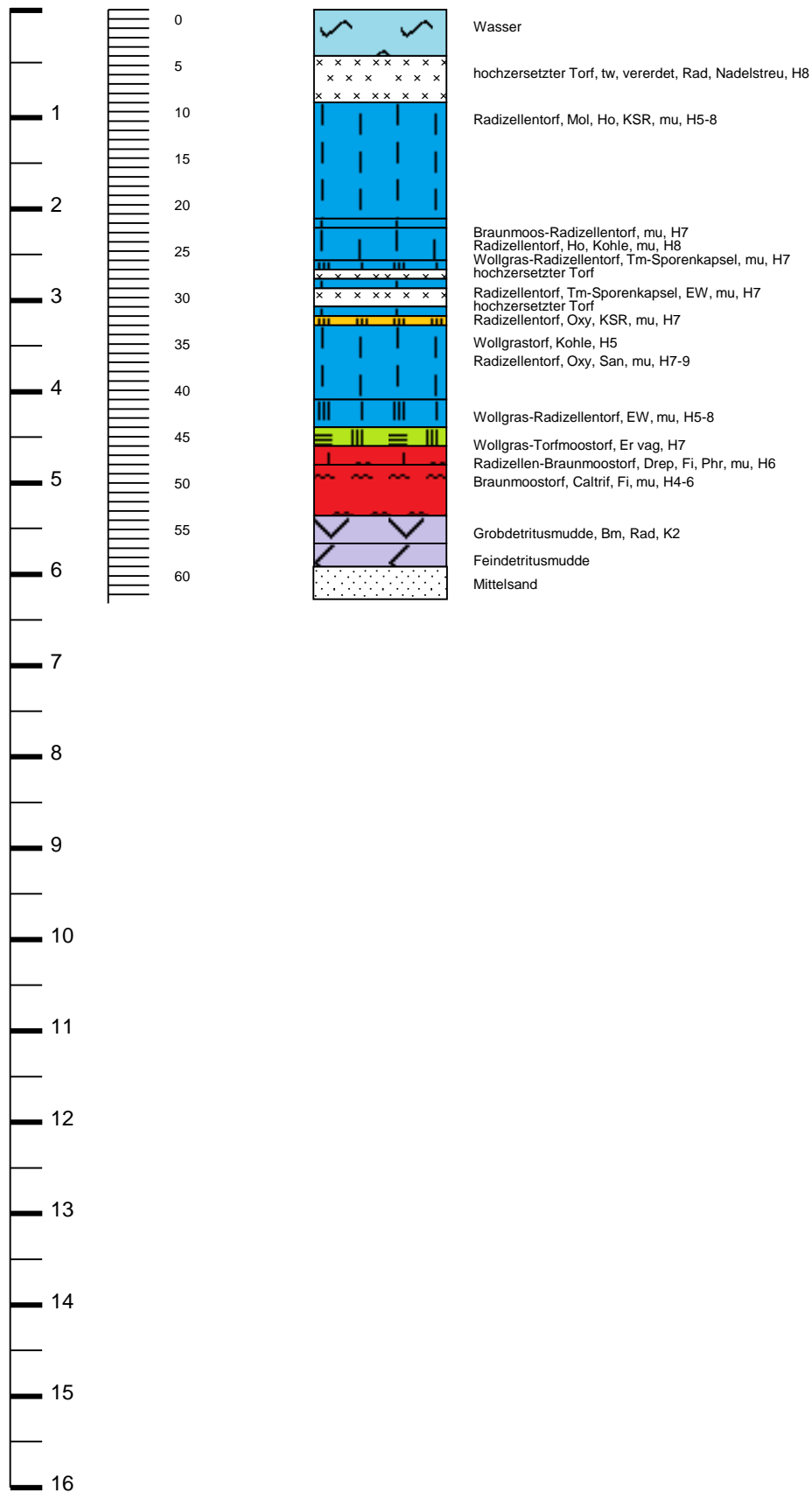
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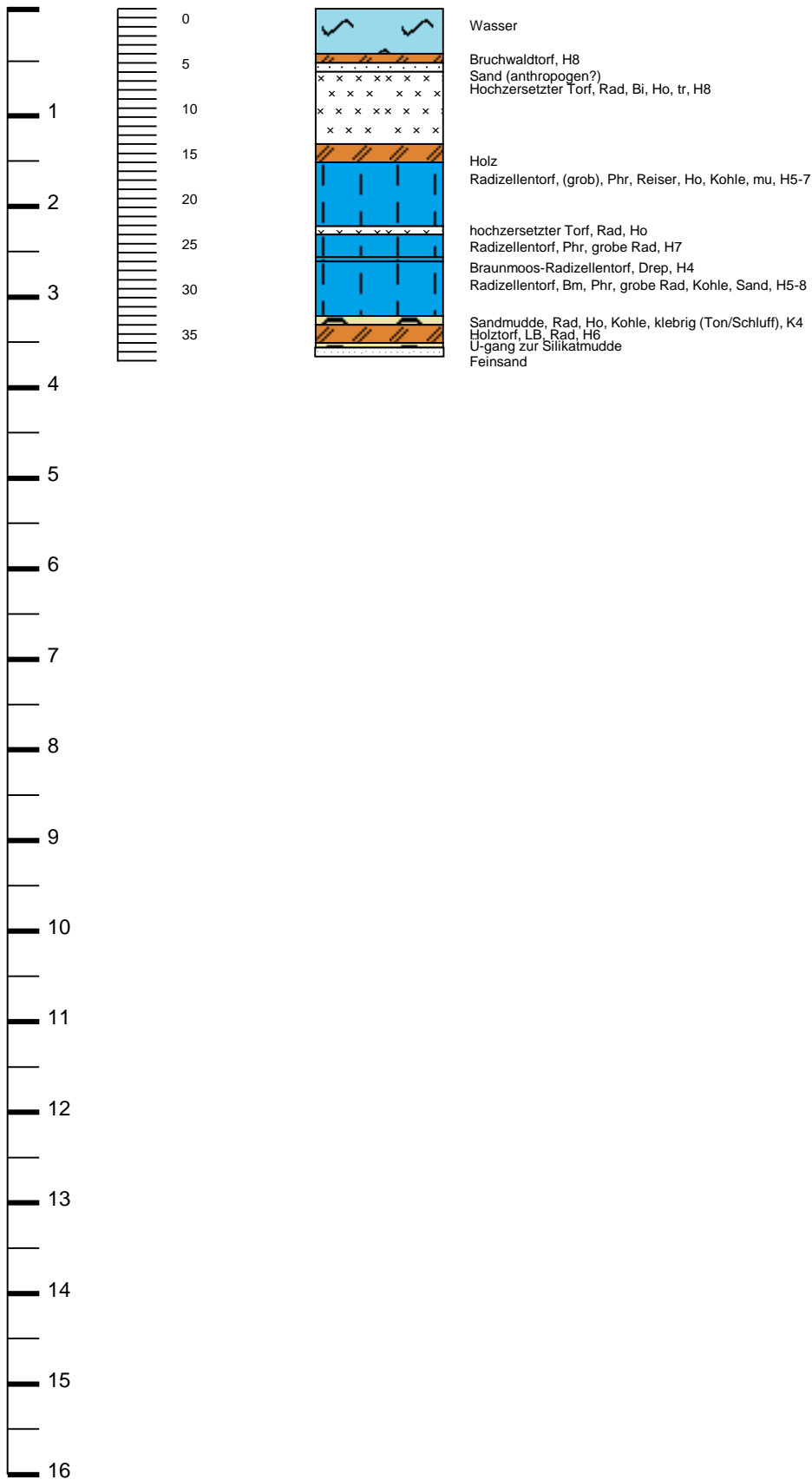
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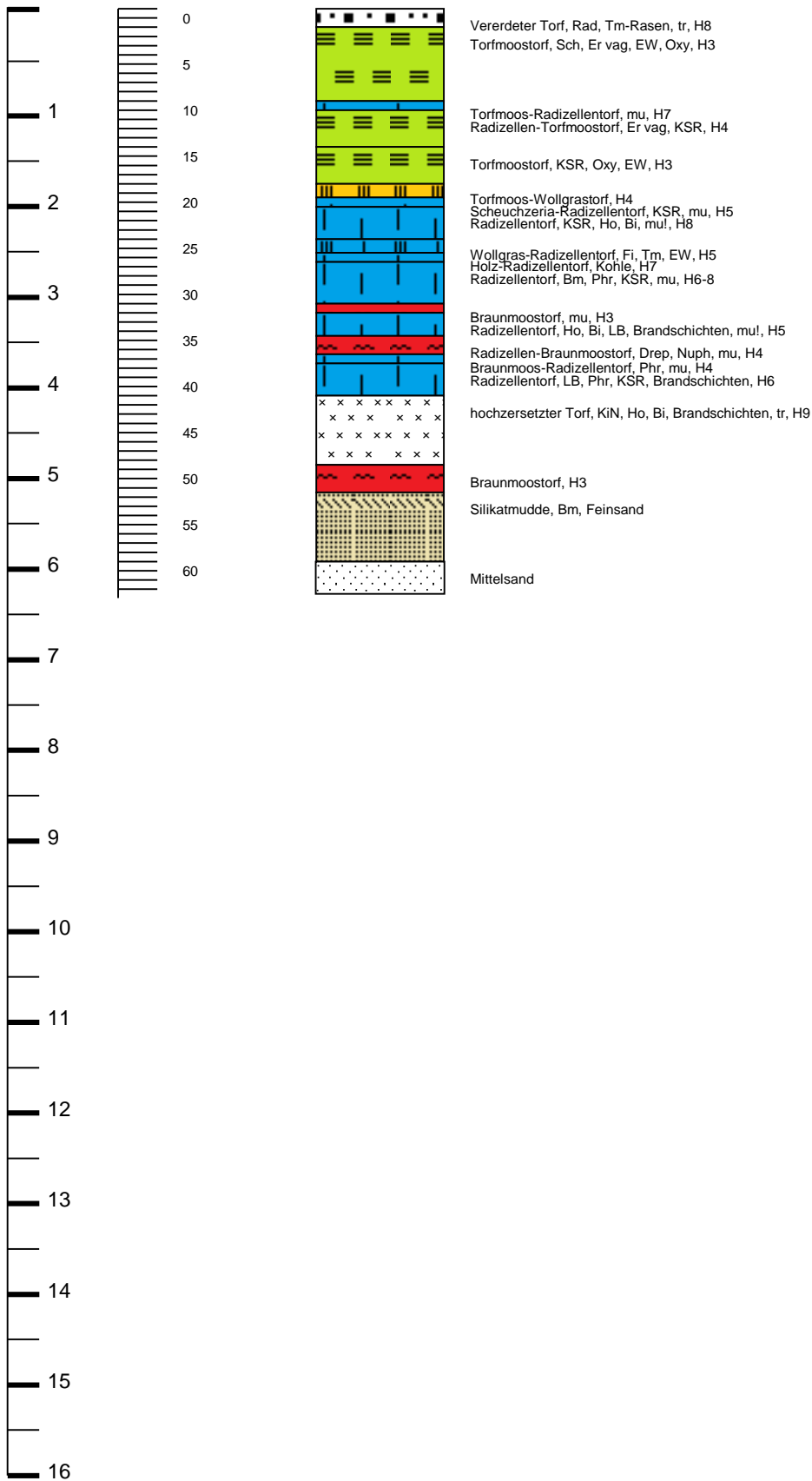
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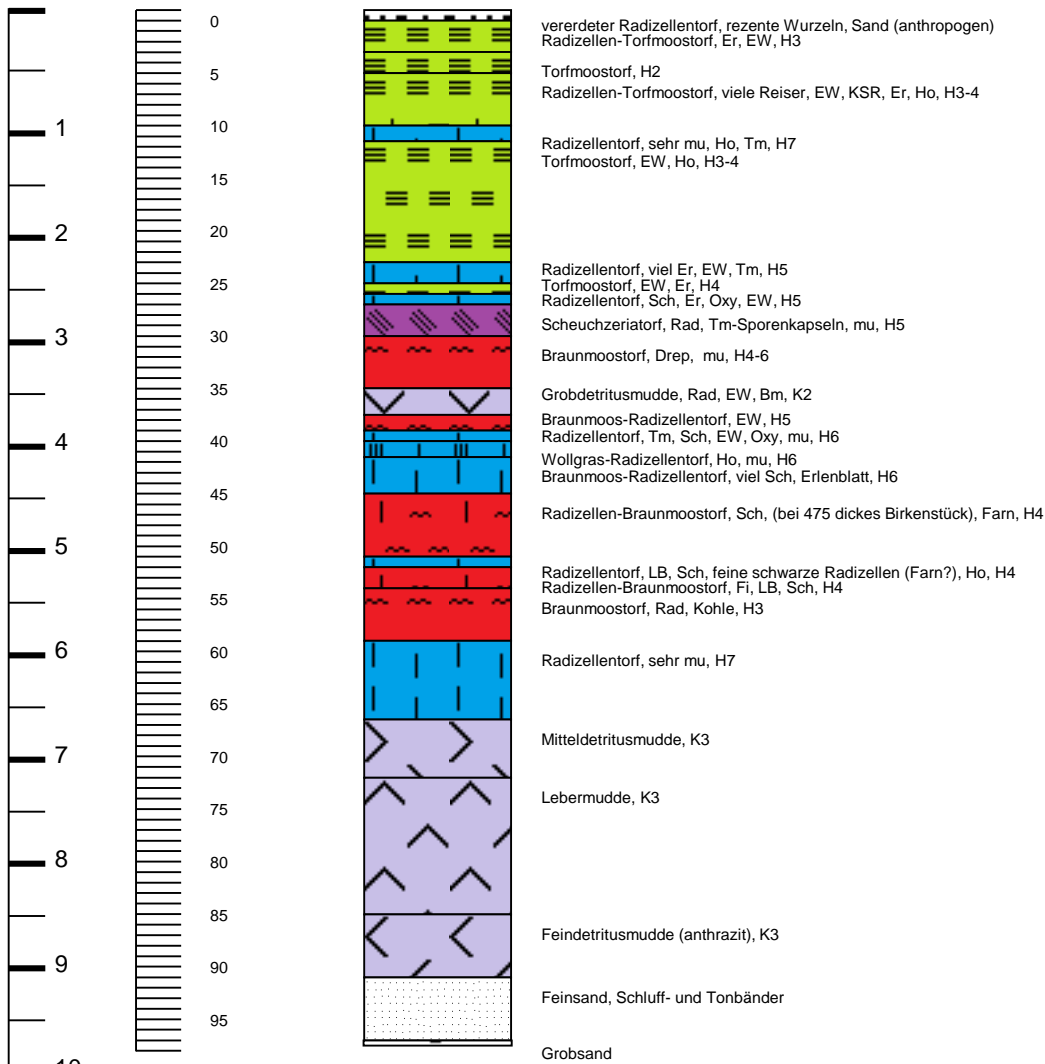
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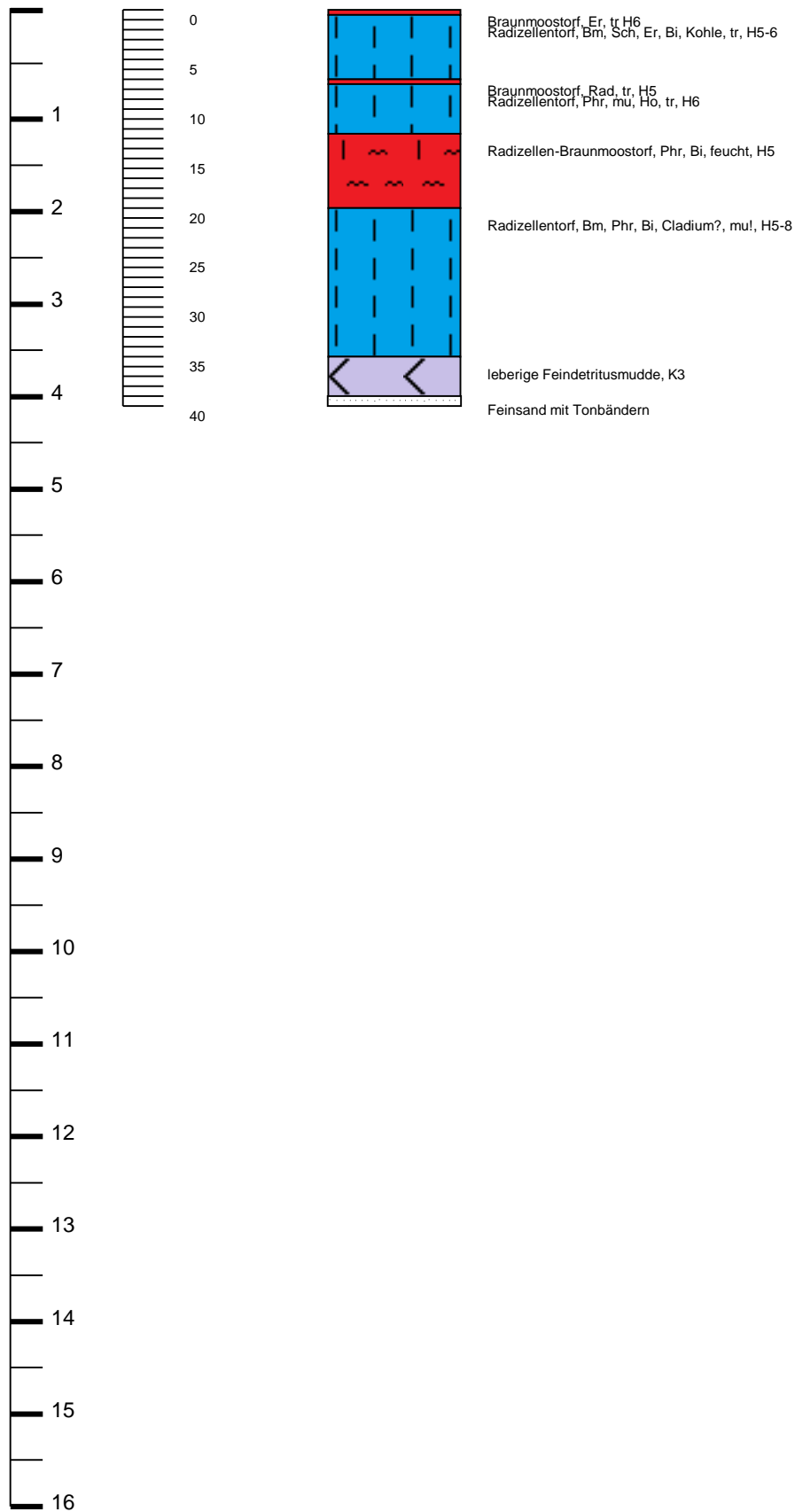
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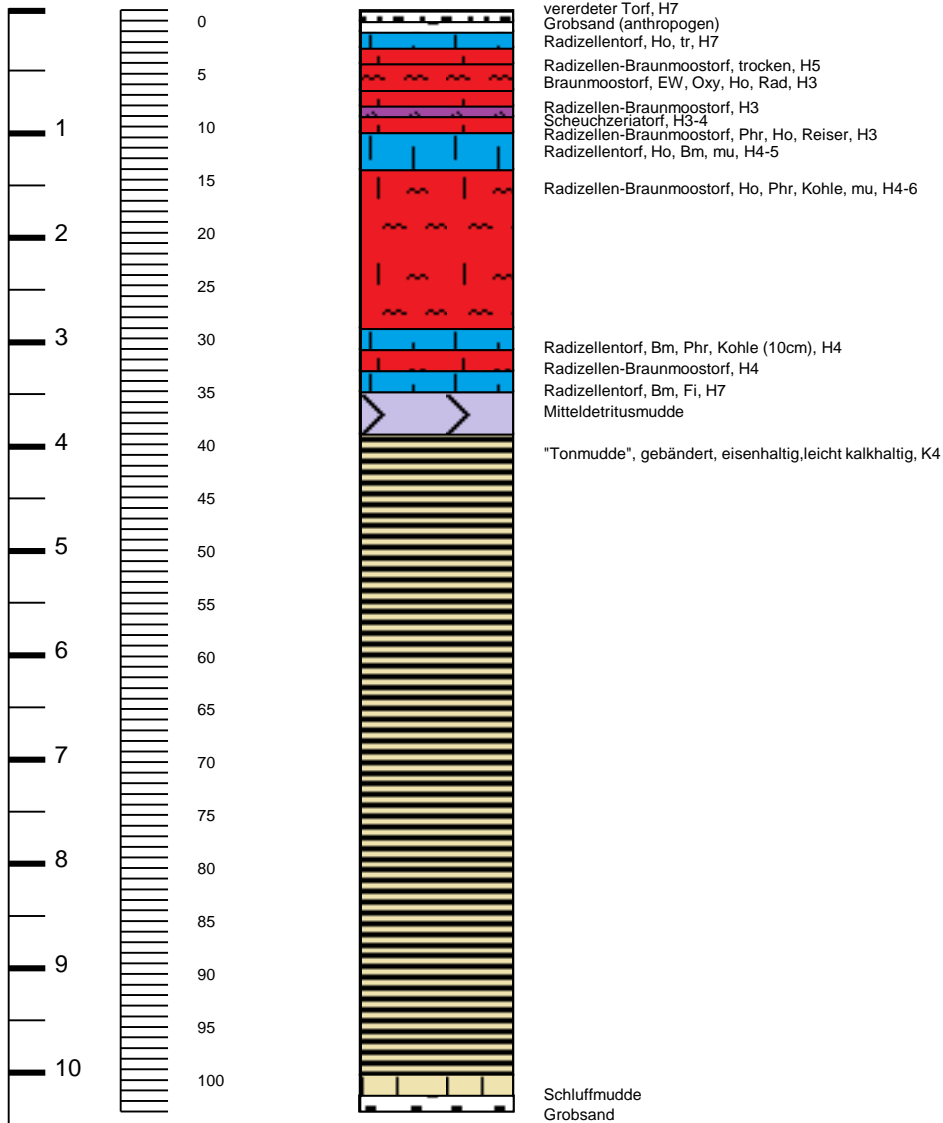
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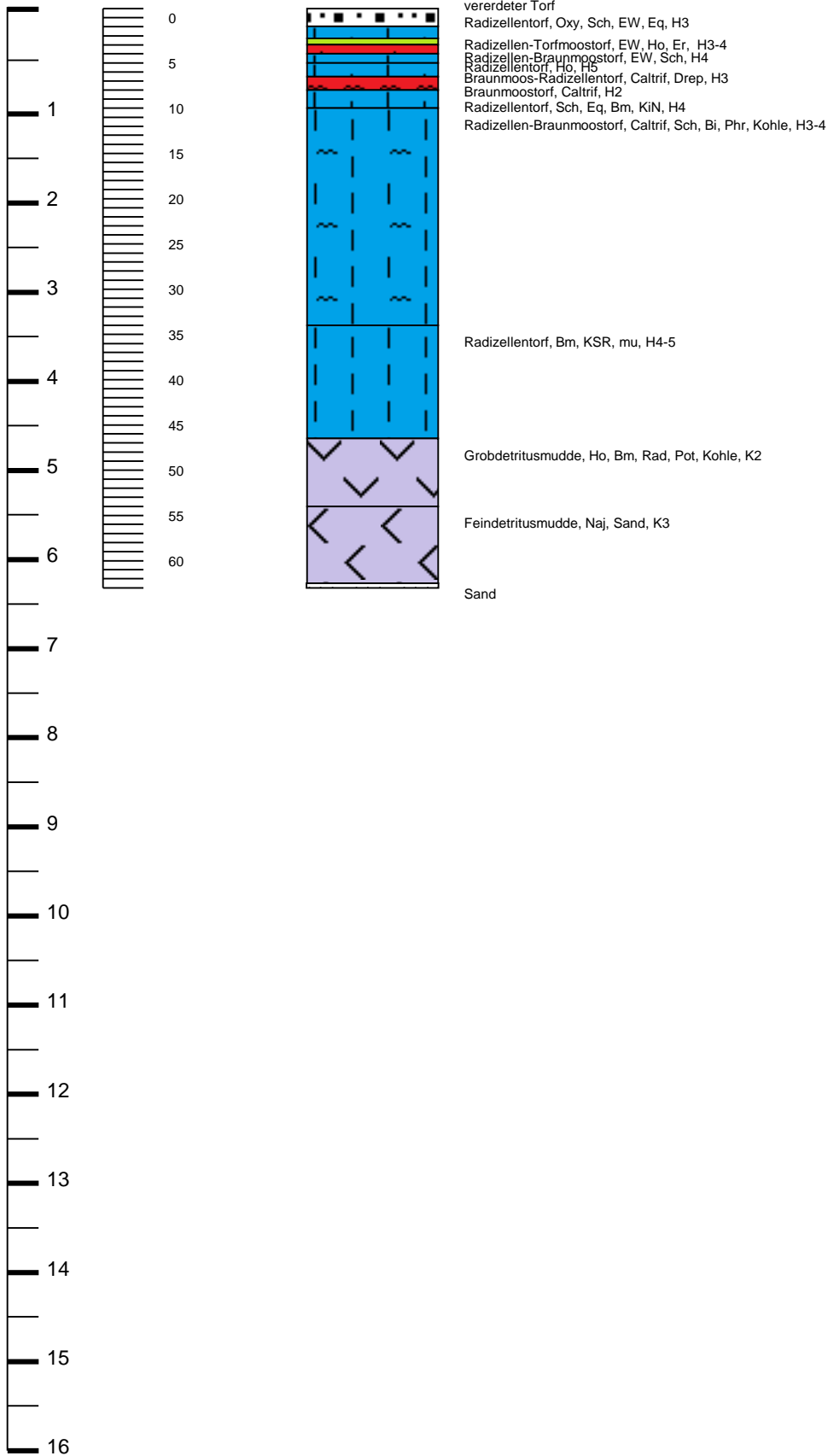


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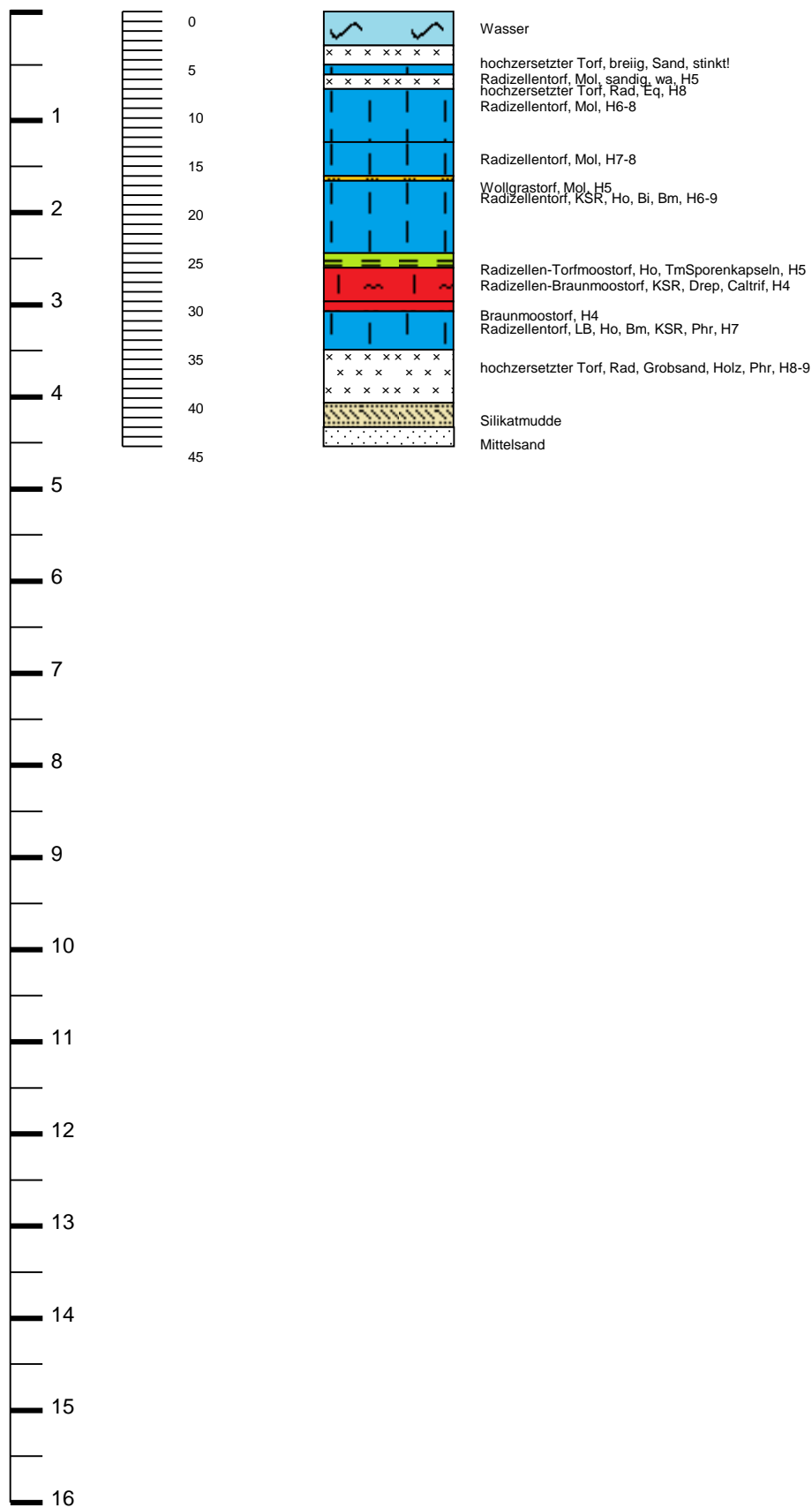




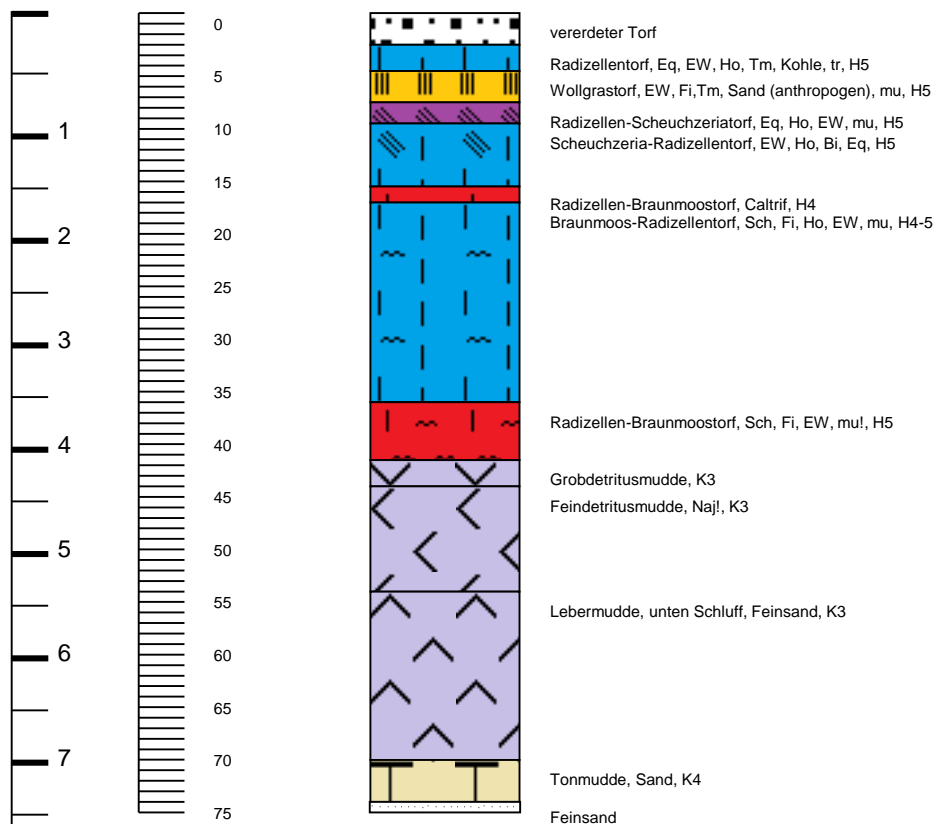
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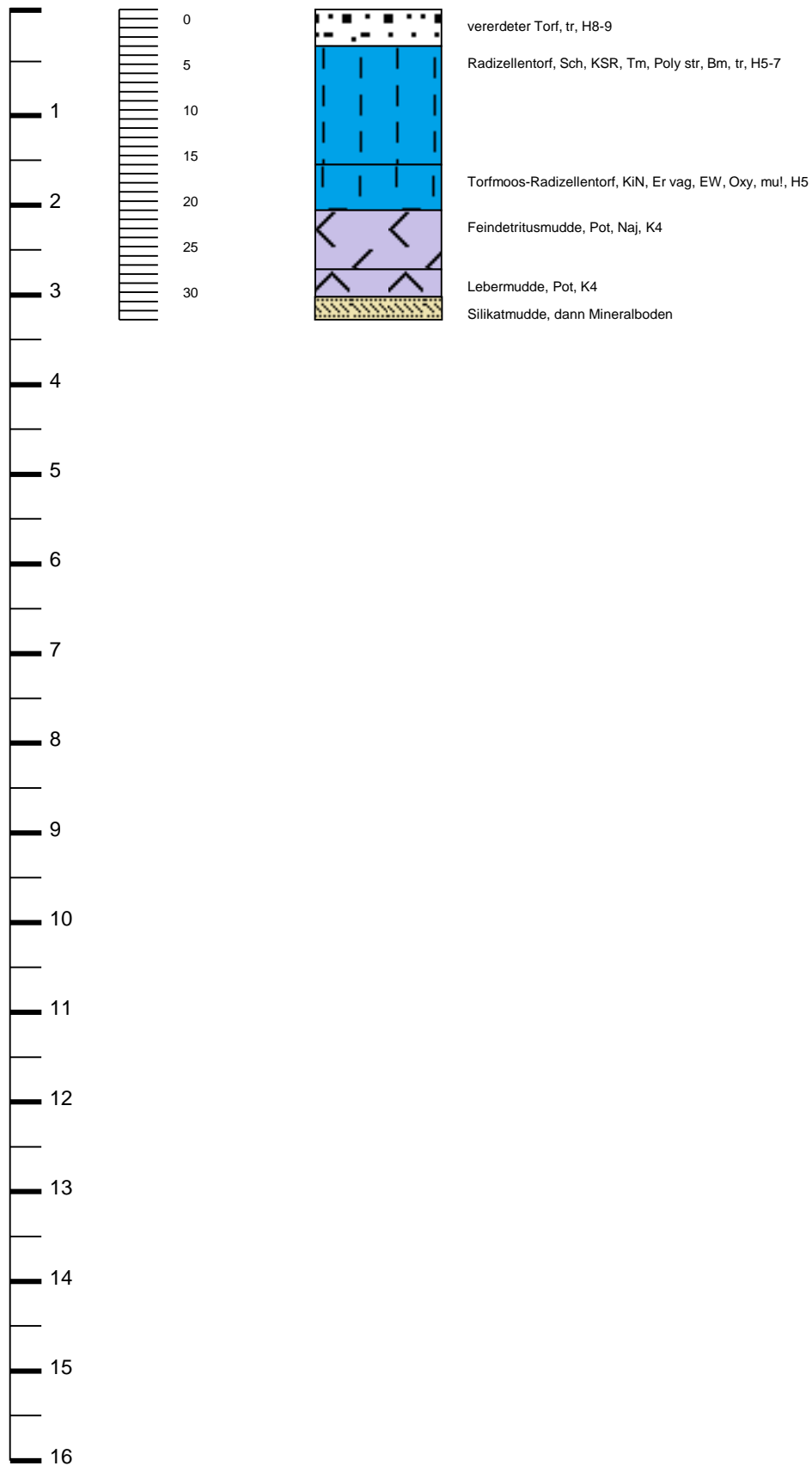
# M 523



# M 524



# M 619



# M 626

