

soil distribution from both viewpoints

fabian gruber

October 3, 2017

Table 1: Distribution of the soil typ classes on the SGUs as interpreted by the surveyor

	AD	CBD	CD	CSR	DC	GLD	ISR	MrD	MxD	SB	SD	SSR	TG
TERRESTRISCHE ROHBÖDEN	0	1	0	0	0	0	0	0	0	1	1	0	
TERRESTRISCHE HUMUSBÖDEN	2	7	1	5	2	0	5	0	2	6	77	0	1
BRAUNERDEN	8	1	4	0	1	4	11	0	4	13	18	3	10
PODSOLE	0	0	0	0	0	0	0	0	0	0	0	0	
KALKLEHME	0	0	0	0	0	0	3	0	0	0	7	0	
SUBSTRATBÖDEN	0	0	0	0	0	0	1	0	0	0	3	0	
UMGELAGERTE BÖDEN	3	0	4	0	3	6	0	1	3	0	14	1	1
PSEUDOGLEYE	0	0	0	0	0	1	0	0	0	0	0	0	

Table 2: Distribution of the soil types on the SGUs of the geological map

	AD	CBD	CD	CSR	DC	GLD	IMS	ISR	LD	MrD	MxD	SB	SD	SSR	TG
Grobmaterial-Rohboden	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
Feinmaterial-Rohboden	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Rendzina	0	7	0	7	4	0	0	1	0	0	0	0	29	0	4
Kalklehm-Rendzina	0	2	0	9	4	0	0	1	0	0	2	0	21	1	4
Pararendzina	0	1	0	3	0	0	1	0	0	0	0	0	4	0	1
Ranker	0	0	0	0	0	0	0	0	1	0	0	7	4	0	2
Braunerde	7	1	2	12	14	3	0	0	2	2	1	37	19	6	6
Parabraunerde	0	1	0	0	0	0	0	0	0	0	0	0	2	1	4
Semipodsol	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Kalkbraunlehm	0	2	0	2	1	0	0	1	0	0	2	1	1	0	3
Farb-Substratboden	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Textur-Substratboden	0	0	0	2	0	0	0	0	0	0	0	0	2	0	3
Kolluvisol	1	0	0	1	0	0	0	0	0	0	0	1	0	2	3
Rigolboden	3	0	3	0	13	4	0	0	0	0	2	0	0	0	20
Schüttungsboden	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Haftnässe-Pseudogley	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

Table 3: Distribution of the soil types on the SGUs as interpreted by the surveyor

	AD	CBD	CD	CSR	DC	GLD	ISR	MrD	MxD	SB	SD	SSR	TG
Grobmaterial-Rohboden	0	1	0	0	0	0	0	0	0	1	0	0	0
Feinmaterial-Rohboden	0	0	0	0	0	0	0	0	0	0	1	0	0
Rendzina	0	4	0	4	1	0	1	0	0	0	39	0	3
Kalklehm-Rendzina	1	0	0	1	1	0	3	0	0	0	33	0	5
Pararendzina	1	0	0	0	0	0	0	0	1	0	4	0	8

	AD	CBD	CD	CSR	DC	GLD	ISR	MrD	MxD	SB	SD	SSR	TG
Ranker	0	3	1	0	0	0	0	0	1	6	1	0	2
Braunerde	8	1	4	0	1	4	11	0	4	13	18	3	98
Parabraunerde	0	0	0	0	0	0	0	0	0	0	0	0	8
Semipodsol	0	0	0	0	0	0	0	0	0	0	0	0	1
Kalkbraunlehm	0	0	0	0	0	0	3	0	0	0	7	0	3
Farb-Substratboden	0	0	0	0	0	0	0	0	0	0	0	0	1
Textur-Substratboden	0	0	0	0	0	0	2	0	0	0	3	0	2
Kolluvisol	1	0	1	0	0	0	0	0	3	0	1	1	1
Rigolboden	2	0	3	0	3	6	0	0	0	0	13	0	18
Schüttungsboden	0	0	0	0	0	0	0	1	0	0	0	0	0
Haftnässe-Pseudogley	0	0	0	0	0	1	0	0	0	0	0	0	0

Table 4: Distribution of the soil subtypes on the SGUs of the geological map

	AD	CBD	CD	CSR	DC	GLD	IMS	ISR	LD	MrD	MxD	SB
Carbonatfreier Grobmaterial-Rohboden	0	0	0	0	0	0	0	0	0	0	0	0
Carbonathaltiger Grobmaterial-Rohboden	0	0	0	0	0	0	0	0	0	0	0	1
Carbonathaltiger Feinmaterial-Rohboden	0	0	0	0	0	0	0	0	0	0	0	0
Rendzina	0	3	0	5	3	0	0	1	0	0	0	0
Moder-Rendzina	0	3	0	2	1	0	0	0	0	0	0	0
Mull-Rendzina	0	1	0	0	1	0	0	0	0	0	0	0
Kalklehm-Rendzina	0	2	0	6	3	0	0	1	0	0	1	0
Mull-Kalklehm-Rendzina	0	0	0	0	0	0	0	0	0	0	0	0
Moder-Kalklehm-Rendzina	0	0	0	3	0	0	0	0	0	0	1	0
Pararendzina	0	1	0	3	0	0	1	0	0	0	0	0
Moder-Pararendzina	0	0	0	0	0	0	0	0	0	0	0	0
Typischer Ranker	0	0	0	0	0	0	0	0	0	0	0	6
Carbonatfreier Fels-Auflagehumusboden	0	0	0	0	0	0	0	0	1	0	0	1
Typische Braunerde	7	1	1	2	0	2	0	0	2	1	0	24
Podsolige Braunerde	0	0	0	0	0	0	0	0	0	1	0	12
Carbonathaltige Braunerde	0	0	0	5	11	1	0	0	0	0	1	1
Braunerde – tonig	0	0	1	5	3	0	0	0	0	0	0	0
Parabraunerde	0	1	0	0	0	0	0	0	0	0	0	0
Semipodsol	0	0	0	0	0	0	0	0	0	0	0	1
Kalkbraunlehm	0	2	0	2	1	0	0	1	0	0	2	1
Farb-Substratboden	0	0	0	0	0	0	0	0	0	0	0	1
Textur-Substratboden	0	0	0	2	0	0	0	0	0	0	0	0
Kolluvisol	0	0	0	0	0	0	0	0	0	0	0	0
Carbonatfreier Kolluvisol	0	0	0	0	0	0	0	0	0	0	0	1
carbonathaltiger Kolluvisol	1	0	0	1	0	0	0	0	0	0	0	0
Carbonatfreier Rigolboden	1	0	2	0	2	3	0	0	0	0	0	0
Carbonathaltiger Rigolboden	2	0	1	0	11	1	0	0	0	0	2	0
Planieboden	0	0	0	0	0	0	0	0	0	0	0	0
Haftnässe-Pseudogley	0	0	0	0	0	0	0	0	0	1	0	0

Table 5: Distribution of the soil subtypes on the SGUs as interpreted by the surveyor

	AD	CBD	CD	CSR	DC	GLD	ISR	MrD	MxD	SB	SD	SSR
Carbonatfreier Grobmaterial-Rohboden	0	1	0	0	0	0	0	0	0	0	0	0
Carbonathaltiger Grobmaterial-Rohboden	0	0	0	0	0	0	0	0	0	1	0	0
Carbonathaltiger Feinmaterial-Rohboden	0	0	0	0	0	0	0	0	0	0	1	0
Rendzina	0	1	0	3	0	0	0	0	0	0	28	0
Moder-Rendzina	0	2	0	1	1	0	1	0	0	0	11	0
Mull-Rendzina	0	1	0	0	0	0	0	0	0	0	1	0
Kalklehm-Rendzina	1	0	0	1	0	0	2	0	0	0	24	0
Mull-Kalklehm-Rendzina	0	0	0	0	0	0	0	0	0	0	1	0
Moder-Kalklehm-Rendzina	0	0	0	0	1	0	1	0	0	0	7	0
Pararendzina	1	0	0	0	0	0	0	0	0	0	4	0
Moder-Pararendzina	0	0	0	0	0	0	0	0	1	0	0	0
Typischer Ranker	0	2	1	0	0	0	0	0	1	5	1	0
Carbonatfreier Fels-Auflagehumusboden	0	1	0	0	0	0	0	0	0	1	0	0
Typische Braunerde	6	1	1	0	0	0	1	0	2	11	3	1
Podsolige Braunerde	0	0	0	0	0	3	0	0	0	2	0	1
Carbonathaltige Braunerde	2	0	3	0	1	1	1	0	2	0	11	0
Braunerde – tonig	0	0	0	0	0	0	9	0	0	0	4	1
Parabraunerde	0	0	0	0	0	0	0	0	0	0	0	0
Semipodsol	0	0	0	0	0	0	0	0	0	0	0	0
Kalkbraunlehm	0	0	0	0	0	0	3	0	0	0	7	0
Farb-Substratboden	0	0	0	0	0	0	0	0	0	0	0	0
Textur-Substratboden	0	0	0	0	0	0	2	0	0	0	3	0
Kolluvisol	0	0	0	0	0	0	0	0	1	0	0	0
Carbonatfreier Kolluvisol	0	0	0	0	0	0	0	0	2	0	1	1
carbonathaltiger Kolluvisol	1	0	1	0	0	0	0	0	0	0	0	0
Carbonatfreier Rigolboden	1	0	3	0	0	4	0	0	0	0	0	0
Carbonathaltiger Rigolboden	1	0	0	0	3	2	0	0	0	0	13	0
Planieboden	0	0	0	0	0	0	0	1	0	0	0	0
Haftnässe-Pseudogley	0	0	0	0	0	1	0	0	0	0	0	0

[1] “*****
 “*****SOIL CLASSES*****” [1]

“Distribution of the soil classes on AD as identified on geological map”

BRAUNERDEN UMGELEGTE BÖDEN

7

4

[1] “Distribution of the soil classes on AD as interpreted by the surveyor”

TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN UMGELEGTE BÖDEN 2 8 3 [1] “*****SOIL
 TYPES*****” [1] “Distribution of the soil types on AD as

identified on geological map”

Braunerde Kolluvisol Rigolboden 7 1 3 [1] “Distribution of the soil types on AD as interpreted by the surveyor”

Kalklehm-Rendzina Pararendzina Braunerde Kolluvisol 1 1 8 1 Rigolboden 2 [1] “*****SOIL
 SUBTYPES*****” [1] “Distribution of the soil subtypes on AD

as identified on geological map”

Typische Braunerde carbonathaltiger Kolluvisol

7

1

Carbonatfreier Rigolboden Carbonathaltiger Rigolboden 1 2 [1] “Distribution of the soil subtypes on AD as interpreted by the surveyor”

Kalklehm-Rendzina	Pararendzina
1	1
Typische Braunerde	Carbonathaltige Braunerde
6	2

carbonathaltiger Kolluvisol Carbonatfreier Rigolboden 1 1 Carbonathaltiger Rigolboden 1 [1]
 “*****SOIL CLASSES*****” [1]
 “*****SOIL CLASSES*****” [1]

“Distribution of the soil classes on CBD as identified on geological map”

TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN KALKLEHME 10 2 2 [1] “Distribution of the soil classes on CBD as interpreted by the surveyor”

TERRESTRISCHE ROHBÖDEN TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN 1 7 1 [1]
 “*****SOIL TYPES*****” [1]

“Distribution of the soil types on CBD as identified on geological map”

Rendzina	Kalklehm-Rendzina	Pararendzina	Braunerde
7	2	1	1
Parabraunerde	Kalkbraunlehm		
1	2		

[1] “Distribution of the soil types on CBD as interpreted by the surveyor”

Grobmaterial-Rohboden Rendzina Ranker 1 4 3 Braunerde 1 [1] “*****SOIL SUB-TYPES*****” [1] “Distribution of the soil subtypes on CBD as identified on geological map”

Rendzina	Moder-Rendzina	Mull-Rendzina
3	3	1

Kalklehm-Rendzina Pararendzina Typische Braunerde 2 1 1 Parabraunerde Kalkbraunlehm 1 2 [1] “Distribution of the soil subtypes on CBD as interpreted by the surveyor”

Carbonatfreier Grobmaterial-Rohboden 1 Rendzina 1 Moder-Rendzina 2 Mull-Rendzina 1 Typischer Ranker 2
 Carbonatfreier Fels-Auflagehumusboden 1 Typische Braunerde 1 [1] “*****SOIL CLASSES*****” [1]
 [1] “*****SOIL CLASSES*****” [1]

“Distribution of the soil classes on CD as identified on geological map”

BRAUNERDEN	UMGELAGERTE BÖDEN
2	3

[1] “Distribution of the soil classes on CD as interpreted by the surveyor”

TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN UMGELAGERTE BÖDEN 1 4 4 [1] “*****SOIL TYPES*****” [1] “Distribution of the soil types on CD as identified on geological map”

Braunerde Rigolboden 2 3 [1] “Distribution of the soil types on CD as interpreted by the surveyor”

Ranker	Braunerde	Kolluvisol	Rigolboden
1	4	1	3

[1] “*****SOIL SUBTYPES*****” [1]
 “Distribution of the soil subtypes on CD as identified on geological map”

Typische Braunerde	Braunerde - tonig
1	1

Carbonatfreier Rigolboden Carbonathaltiger Rigolboden 2 1 [1] “Distribution of the soil subtypes on CD as interpreted by the surveyor”

Typischer Ranker	Typische Braunerde
1	1

Carbonathaltige Braunerde carbonathaltiger Kolluvisol 3 1 Carbonatfreier Rigolboden 3 [1] “*****

[1] “*****SOIL CLASSES*****” [1]

“Distribution of the soil classes on CSR as identified on geological map”

TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN KALKLEHME 20 11 2 SUBSTRATBÖDEN UMGE-
LAGERTE BÖDEN 2 1 [1] “Distribution of the soil classes on CSR as interpreted by the surveyor”

TERRESTRISCHE HUMUSBÖDEN 5 [1] “*****SOIL TYPES*****

[1] “Distribution of the soil types on CSR as identified on geological map”

Rendzina	Kalklehm-Rendzina	Pararendzina
7	9	3
Braunerde	Kalkbraunlehm	Textur-Substratboden
12	2	2
Kolluvisol		
1		

[1] “Distribution of the soil types on CSR as interpreted by the surveyor”

Rendzina	Kalklehm-Rendzina
4	1

[1] “*****SOIL SUBTYPES*****” [1]

“Distribution of the soil subtypes on CSR as identified on geological map”

Rendzina	Moder-Rendzina
5	2
Kalklehm-Rendzina	Moder-Kalklehm-Rendzina
6	3
Pararendzina	Typische Braunerde
3	2

Carbonathaltige Braunerde Braunerde – tonig 5 5 Kalkbraunlehm Textur-Substratboden 2 2 carbonathaltiger
Kolluvisol 1 [1] “Distribution of the soil subtypes on CSR as interpreted by the surveyor”

Rendzina	Moder-Rendzina	Kalklehm-Rendzina
3	1	1

[1] “*****” [1]

“*****SOIL CLASSES*****” [1]

“Distribution of the soil classes on DC as identified on geological map”

TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN KALKLEHME 8 14 1 UMGE-
LAGERTE BÖDEN 13 [1] “Distribution of the soil classes on DC as interpreted by the surveyor”

TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN UMGE-
LAGERTE BÖDEN 2 1 3 [1] “*****SOIL
TYPES*****” [1] “Distribution of the soil types on DC as

identified on geological map”

Rendzina	Kalklehm-Rendzina	Braunerde	Kalkbraunlehm
4	4	14	1
Rigolboden			
13			

[1] “Distribution of the soil types on DC as interpreted by the surveyor”

Rendzina	Kalklehm-Rendzina	Braunerde	Rigolboden
1	1	1	3

[1] “*****SOIL SUBTYPES*****” [1]
 “Distribution of the soil subtypes on DC as identified on geological map”

Rendzina	Moder-Rendzina
3	1
Mull-Rendzina	Kalklehm-Rendzina
1	3

Carbonathaltige Braunerde Braunerde – tonig 11 3 Kalkbraunlehm Carbonatfreier Rigolboden 1 2 Carbonathaltiger Rigolboden 11 [1] “Distribution of the soil subtypes on DC as interpreted by the surveyor”

Moder-Rendzina	Moder-Kalklehm-Rendzina
1	1

Carbonathaltige Braunerde Carbonathaltiger Rigolboden 1 3 [1] “*****SOIL CLASSES*****” [1]
 [1] “*****SOIL CLASSES*****” [1]
 “Distribution of the soil classes on GLD as identified on geological map”

BRAUNERDEN	UMGELAGERTE BÖDEN
3	4

[1] “Distribution of the soil classes on GLD as interpreted by the surveyor”

BRAUNERDEN	UMGELAGERTE BÖDEN	PSEUDOGLEYE
4	6	1

[1] “*****SOIL TYPES*****” [1]
 “Distribution of the soil types on GLD as identified on geological map”
 Braunerde Rigolboden 3 4 [1] “Distribution of the soil types on GLD as interpreted by the surveyor”

Braunerde	Rigolboden	Haftnässe-Pseudogley
4	6	1

[1] “*****SOIL SUBTYPES*****” [1]
 “Distribution of the soil subtypes on GLD as identified on geological map”

Typische Braunerde	Carbonathaltige Braunerde
2	1

Carbonatfreier Rigolboden Carbonathaltiger Rigolboden 3 1 [1] “Distribution of the soil subtypes on GLD as interpreted by the surveyor”

Podsolige Braunerde	Carbonathaltige Braunerde
3	1

Carbonatfreier Rigolboden Carbonathaltiger Rigolboden 4 2 Haftnässe-Pseudogley 1 [1] “*****SOIL CLASSES*****” [1]
 [1] “*****SOIL CLASSES*****” [1]
 “Distribution of the soil classes on IMS as identified on geological map”

TERRESTRISCHE HUMUSBÖDEN 1 [1] “Distribution of the soil classes on IMS as interpreted by the surveyor” < table of extent 0 > [1] “*****SOIL TYPES*****” [1]
 [1] “Distribution of the soil types on IMS as identified on geological map”

Pararendzina 1 [1] “Distribution of the soil types on IMS as interpreted by the surveyor” < table of extent 0 > [1] “*****SOIL SUBTYPES*****” [1]
 [1] “Distribution of the soil subtypes on IMS as identified on geological map”

Pararendzina 1 [1] “Distribution of the soil subtypes on IMS as interpreted by the surveyor” < table of extent 0 > [1] “*****”

[1] “*****SOIL CLASSES*****” [1]
 “Distribution of the soil classes on ISR as identified on geological map”

TERRESTRISCHE HUMUSBÖDEN KALKLEHME 2 1 [1] “Distribution of the soil classes on ISR as interpreted by the surveyor”

TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN KALKLEHME 5 11 3 SUBSTRATBÖDEN 1 [1]
 “*****SOIL TYPES*****” [1] “Distribution of the soil types on ISR as identified on geological map”

Rendzina	Kalklehm-Rendzina	Kalkbraunlehm
1	1	1

[1] “Distribution of the soil types on ISR as interpreted by the surveyor”

Rendzina	Kalklehm-Rendzina	Braunerde
1	3	11
Kalkbraunlehm	Textur-Substratboden	
3	2	

[1] “*****SOIL SUBTYPES*****” [1]
 “Distribution of the soil subtypes on ISR as identified on geological map”

Rendzina	Kalklehm-Rendzina	Kalkbraunlehm
1	1	1

[1] “Distribution of the soil subtypes on ISR as interpreted by the surveyor”

Moder-Rendzina	Kalklehm-Rendzina
1	2

Moder-Kalklehm-Rendzina Typische Braunerde 1 1 Carbonathaltige Braunerde Braunerde – tonig 1 9 Kalkbraunlehm Textur-Substratboden 3 2 [1] “*****

[1] “*****SOIL CLASSES*****” [1]
 “Distribution of the soil classes on LD as identified on geological map”

TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN 1 2 [1] “Distribution of the soil classes on LD as interpreted by the surveyor” < table of extent 0 > [1] “*****SOIL TYPES*****” [1] “Distribution of the soil types on LD as identified on geological map”

Ranker Braunerde 1 2 [1] “Distribution of the soil types on LD as interpreted by the surveyor” < table of extent 0 > [1] “*****SOIL SUBTYPES*****” [1] “Distribution of the soil subtypes on LD as identified on geological map”

Carbonatfreier Fels-Auflagehumusboden 1 Typische Braunerde 2 [1] “Distribution of the soil subtypes on LD as interpreted by the surveyor” < table of extent 0 > [1] “*****SOIL CLASSES*****” [1]
 “Distribution of the soil classes on MrD as identified on geological map”

BRAUNERDEN PSEUDOGLEYE 2 1 [1] “Distribution of the soil classes on MrD as interpreted by the surveyor”

UMGELAGERTE BÖDEN 1 [1] “*****SOIL TYPES*****” [1]
 “Distribution of the soil types on MrD as identified on geological map”

Braunerde	Haftnässe-Pseudogley
2	1

[1] “Distribution of the soil types on MrD as interpreted by the surveyor”

Schüttungsboden 1 [1] “*****SOIL SUBTYPES*****” [1]
 “Distribution of the soil subtypes on MrD as identified on geological map”

Typische Braunerde Podsolige Braunerde Haftnässe-Pseudogley 1 1 1 [1] “Distribution of the soil subtypes on MrD as interpreted by the surveyor”

Planieboden 1 [1] “*****SOIL CLASSES*****” [1]
 “Distribution of the soil classes on MxD as identified on geological map”

TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN KALKLEHME 2 1 2 UMGELEGTE BÖDEN 2 [1]
 “Distribution of the soil classes on MxD as interpreted by the surveyor”

TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN UMGELEGTE BÖDEN 2 4 3 [1] “*****SOIL TYPES*****” [1] “Distribution of the soil types on MxD as identified on geological map”

Kalklehm-Rendzina Braunerde Kalkbraunlehm Rigolboden 2 1 2 2 [1] “Distribution of the soil types on MxD as interpreted by the surveyor”

Pararendzina Ranker Braunerde Kolluvisol 1 1 4 3 [1] “*****SOIL SUB-TYPES*****” [1] “Distribution of the soil subtypes on MxD as identified on geological map”

Kalklehm-Rendzina	Moder-Kalklehm-Rendzina
1	1

Carbonathaltige Braunerde Kalkbraunlehm 1 2 Carbonathaltiger Rigolboden 2 [1] “Distribution of the soil subtypes on MxD as interpreted by the surveyor”

Moder-Pararendzina	Typischer Ranker
1	1
Typische Braunerde	Carbonathaltige Braunerde
2	2
Kolluvisol	Carbonatfreier Kolluvisol
1	2

[1] “*****SOIL CLASSES*****” [1]
 “Distribution of the soil classes on SB as identified on geological map”

TERRESTRISCHE ROHBÖDEN TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN 1 7 37 PODSOLE KALKLEHME SUBSTRATBÖDEN 1 1 1 UMGELEGTE BÖDEN 1 [1] “Distribution of the soil classes on SB as interpreted by the surveyor”

TERRESTRISCHE ROHBÖDEN TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN 1 6 13 [1] “*****SOIL TYPES*****” [1]
 “Distribution of the soil types on SB as identified on geological map”

Grobmaterial-Rohboden Ranker Braunerde 1 7 37 Semipodsol Kalkbraunlehm Farb-Substratboden 1 1 1 Kolluvisol 1 [1] “Distribution of the soil types on SB as interpreted by the surveyor”

Grobmaterial-Rohboden Ranker Braunerde 1 6 13 [1] “*****SOIL SUB-TYPES*****” [1] “Distribution of the soil subtypes on SB as identified on geological map”

Carbonathaltiger Grobmaterial-Rohboden 1 Typischer Ranker 6 Carbonatfreier Fels-Auflagehumusboden 1 Typische Braunerde 24 Podsolige Braunerde 12 Carbonathaltige Braunerde 1 Semipodsol 1 Kalkbraunlehm 1 Farb-Substratboden 1 Carbonatfreier Kolluvisol 1 [1] “Distribution of the soil subtypes on SB as interpreted by the surveyor”

Carbonathaltiger Grobmaterial-Rohboden 1 Typischer Ranker 5 Carbonatfreier Fels-Auflagehumusboden 1 Typische Braunerde 11 Podsolige Braunerde 2 [1] “*****”

[1] “*****SOIL CLASSES*****” [1]
 “Distribution of the soil classes on SD as identified on geological map”

TERRESTRISCHE ROHBÖDEN TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN 2 59 21 KALK-
 LEHME SUBSTRATBÖDEN 1 1 [1] “Distribution of the soil classes on SD as interpreted by the surveyor”

TERRESTRISCHE ROHBÖDEN TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN 1 77 18 KALK-
 LEHME SUBSTRATBÖDEN UMGELAGERTE BÖDEN 7 3 14 [1] “*****SOIL
 TYPES*****” [1] “Distribution of the soil types on SD as
 identified on geological map”

Grobmaterial-Rohboden Feinmaterial-Rohboden Rendzina 1 1 29 Kalklehm-Rendzina Pararendzina Ranker
 21 4 4 Braunerde Parabraunerde Kalkbraunlehm 19 2 1 Textur-Substratboden 2 [1] “Distribution of the soil
 types on SD as interpreted by the surveyor”

Feinmaterial-Rohboden Rendzina Kalklehm-Rendzina 1 39 33 Pararendzina Ranker Braunerde 4 1 18
 Kalkbraunlehm Textur-Substratboden Kolluvisol 7 3 1 Rigolboden 13 [1] “*****SOIL
 SUBTYPES*****” [1] “Distribution of the soil subtypes on SD
 as identified on geological map”

Carbonatfreier Grobmaterial-Rohboden 1 Carbonathaltiger Feinmaterial-Rohboden 1 Rendzina 20 Moder-
 Rendzina 9 Kalklehm-Rendzina 15 Mull-Kalklehm-Rendzina 1 Moder-Kalklehm-Rendzina 5 Pararendzina 4
 Typischer Ranker 4 Typische Braunerde 7 Podsolige Braunerde 1 Carbonathaltige Braunerde 11 Parabraunerde
 2 Kalkbraunlehm 1 Textur-Substratboden 2 [1] “Distribution of the soil subtypes on SD as interpreted by the
 surveyor”

Carbonathaltiger Feinmaterial-Rohboden 1 Rendzina 28 Moder-Rendzina 11 Mull-Rendzina 1 Kalklehm-
 Rendzina 24 Mull-Kalklehm-Rendzina 1 Moder-Kalklehm-Rendzina 7 Pararendzina 4 Typischer
 Ranker 1 Typische Braunerde 3 Carbonathaltige Braunerde 11 Braunerde – tonig 4 Kalkbraun-
 lehm 7 Textur-Substratboden 3 Carbonatfreier Kolluvisol 1 Carbonathaltiger Rigolboden 13 [1]
 “*****” [1]
 “*****SOIL CLASSES*****” [1]

“Distribution of the soil classes on SSR as identified on geological map”

TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN UMGELAGERTE BÖDEN 1 7 2 [1] “Distribution of
 the soil classes on SSR as interpreted by the surveyor”

BRAUNERDEN UMGELAGERTE BÖDEN
 3 1

[1] “*****SOIL TYPES*****” [1]
 “Distribution of the soil types on SSR as identified on geological map”

Kalklehm-Rendzina Braunerde Parabraunerde Kolluvisol 1 6 1 2 [1] “Distribution of the soil types on SSR as
 interpreted by the surveyor”

Braunerde Kolluvisol 3 1 [1] “*****SOIL SUBTYPES*****”
 [1] “Distribution of the soil subtypes on SSR as identified on geological map”

Moder-Kalklehm-Rendzina Podsolige Braunerde 1 1 Carbonathaltige Braunerde Braunerde – tonig 1 4
 Parabraunerde Carbonatfreier Kolluvisol 1 2 [1] “Distribution of the soil subtypes on SSR as interpreted by
 the surveyor”

Typische Braunerde	Podsolige Braunerde
1	1
Braunerde – tonig	Carbonatfreier Kolluvisol
1	1

[1] “*****” [1]
 “*****SOIL CLASSES*****” [1]

“Distribution of the soil classes on TG as identified on geological map”

TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN KALKLEHME 15 65 3 SUBSTRATBÖDEN UMGE-
LAGERTE BÖDEN 3 24 [1] “Distribution of the soil classes on TG as interpreted by the surveyor”

TERRESTRISCHE HUMUSBÖDEN BRAUNERDEN PODSOLE 19 105 1 KALKLEHME SUBSTRATBÖ-
DEN UMGELAGERTE BÖDEN 3 3 19 [1] “*****SOIL TYPES*****”
[1] “Distribution of the soil types on TG as identified on geological map”

Rendzina	Kalklehm-Rendzina	Pararendzina
4	4	5
Ranker	Braunerde	Parabraunerde
2	61	4
Kalkbraunlehm	Textur-Substratboden	Kolluvisol
3	3	3
Rigolboden	Schüttungsboden	
20	1	

[1] “Distribution of the soil types on TG as interpreted by the surveyor”

Rendzina	Kalklehm-Rendzina	Pararendzina
3	5	8
Ranker	Braunerde	Parabraunerde
2	98	8
Semipodsol	Kalkbraunlehm	Farb-Substratboden
1	3	1

Textur-Substratboden Kolluvisol Rigolboden 2 1 18 [1] “*****SOIL SUB-
TYPES*****” [1] “Distribution of the soil subtypes on TG as
identified on geological map”

Rendzina	Moder-Rendzina
3	1
Kalklehm-Rendzina	Pararendzina
4	4
Moder-Pararendzina	Typischer Ranker
1	2
Typische Braunerde	Podsolige Braunerde
31	15

Carbonathaltige Braunerde Braunerde – tonig 13 2 Parabraunerde Kalkbraunlehm 4 3 Textur-Substratboden
Kolluvisol 3 1 Carbonatfreier Kolluvisol Carbonatfreier Rigolboden 2 12 Carbonathaltiger Rigolboden
Planieboden 8 1 [1] “Distribution of the soil subtypes on TG as interpreted by the surveyor”

Rendzina	Kalklehm-Rendzina
3	4
Moder-Kalklehm-Rendzina	Pararendzina
1	8
Typischer Ranker	Typische Braunerde
2	50
Podsolige Braunerde	Carbonathaltige Braunerde
24	23
Braunerde – tonig	Parabraunerde
1	8
Semipodsol	Kalkbraunlehm
1	3
Farb-Substratboden	Textur-Substratboden
1	2

Carbonatfreier Kolluvisol Carbonatfreier Rigolboden 1 12 Carbonathaltiger Rigolboden 6

HOW is the distribution of soil types when considering only the soil profiles were the observed parent material is also the parent material as indicated by the SGUs of the geological map.

[1] “*****SOIL CLASSES*****” [1]
 “*****SOIL CLASSES*****” [1]

“Distribution of the soil classes with parent material AD as identified on geological map and by surveyors”

[1] “*****SOIL TYPES*****” [1]

“Distribution of the soil types with parent material AD as identified on geological map and by surveyors”

Braunerde Kolluvisol Rigolboden 5 1 1 [1] “*****SOIL SUBTYPES*****”

[1] “Distribution of the soil subtypes with parent material AD as identified on geological map and by surveyors”

Typische Braunerde carbonathaltiger Kolluvisol

5 1

Carbonathaltiger Rigolboden 1 [1] “*****SOIL CLASSES*****”

[1] “*****SOIL CLASSES*****” [1]

“Distribution of the soil classes with parent material CBD as identified on geological map and by surveyors”

[1] “*****SOIL TYPES*****” [1]

“Distribution of the soil types with parent material CBD as identified on geological map and by surveyors”

Rendzina 4 [1] “*****SOIL SUBTYPES*****”

[1] “Distribution of the soil subtypes with parent material CBD as identified on geological map and by surveyors”

Rendzina Moder-Rendzina Mull-Rendzina

1 2 1

[1] “*****SOIL CLASSES*****” [1]
 “*****SOIL CLASSES*****” [1]

“Distribution of the soil classes with parent material CD as identified on geological map and by surveyors”

[1] “*****SOIL TYPES*****” [1]

“Distribution of the soil types with parent material CD as identified on geological map and by surveyors”

Braunerde Rigolboden 1 2 [1] “*****SOIL SUBTYPES*****”

[1] “Distribution of the soil subtypes with parent material CD as identified on geological map and by surveyors”

Typische Braunerde Carbonatfreier Rigolboden

1 2

[1] “*****SOIL CLASSES*****” [1]
 “*****SOIL CLASSES*****” [1]

“Distribution of the soil classes with parent material CSR as identified on geological map and by surveyors”

[1] “*****SOIL TYPES*****” [1]

“Distribution of the soil types with parent material CSR as identified on geological map and by surveyors”

Rendzina 2 [1] “*****SOIL SUBTYPES*****”

[1] “Distribution of the soil subtypes with parent material CSR as identified on geological map and by surveyors”

Rendzina Moder-Rendzina

1 1

[1] “*****SOIL CLASSES*****” [1]
 “*****SOIL CLASSES*****” [1]

“Distribution of the soil classes with parent material DC as identified on geological map and by surveyors”

[1] “*****SOIL TYPES*****” [1]

“Distribution of the soil types with parent material DC as identified on geological map and by surveyors”

Rendzina Braunerde Rigolboden 1 1 3 [1] "*****SOIL SUBTYPES*****"
 [1] "Distribution of the soil subtypes with parent material DC as identified on geological map and by surveyors"

Moder-Rendzina	Carbonathaltige Braunerde
1	1

Carbonathaltiger Rigolboden 3 [1] "*****SOIL CLASSES*****" [1]
 "Distribution of the soil classes with parent material GLD as identified on geological map and by surveyors"
 [1] "*****SOIL TYPES*****" [1]
 "Distribution of the soil types with parent material GLD as identified on geological map and by surveyors"

Braunerde Rigolboden 1 4 [1] "*****SOIL SUBTYPES*****"
 [1] "Distribution of the soil subtypes with parent material GLD as identified on geological map and by surveyors"

Carbonathaltige Braunerde Carbonatfreier Rigolboden 1 3 Carbonathaltiger Rigolboden 1 [1]
 "*****SOIL CLASSES*****" [1]
 "Distribution of the soil classes with parent material IMS as identified on geological map and by surveyors" [1]
 "*****SOIL TYPES*****" [1] "Distribution of the soil types with parent material IMS as identified on geological map and by surveyors" < table of extent 0 > [1] "*****SOIL SUBTYPES*****"
 [1] "Distribution of the soil subtypes with parent material IMS as identified on geological map and by surveyors" < table of extent 0 > [1] "*****SOIL CLASSES*****" [1]
 "Distribution of the soil classes with parent material ISR as identified on geological map and by surveyors" [1]
 "*****SOIL TYPES*****" [1] "Distribution of the soil types with parent material ISR as identified on geological map and by surveyors" < table of extent 0 > [1] "*****SOIL SUBTYPES*****"
 [1] "Distribution of the soil subtypes with parent material ISR as identified on geological map and by surveyors" < table of extent 0 > [1] "*****SOIL CLASSES*****" [1]
 "Distribution of the soil classes with parent material LD as identified on geological map and by surveyors" [1]
 "*****SOIL TYPES*****" [1] "Distribution of the soil types with parent material LD as identified on geological map and by surveyors" < table of extent 0 > [1] "*****SOIL SUBTYPES*****"
 [1] "Distribution of the soil subtypes with parent material LD as identified on geological map and by surveyors" < table of extent 0 > [1] "*****SOIL CLASSES*****" [1]
 "Distribution of the soil classes with parent material MrD as identified on geological map and by surveyors" [1]
 "*****SOIL TYPES*****" [1] "Distribution of the soil types with parent material MrD as identified on geological map and by surveyors" < table of extent 0 > [1] "*****SOIL SUBTYPES*****"
 [1] "Distribution of the soil subtypes with parent material MrD as identified on geological map and by surveyors" < table of extent 0 > [1] "*****SOIL CLASSES*****" [1]
 "Distribution of the soil classes with parent material MxD as identified on geological map and by surveyors" [1]
 "*****SOIL TYPES*****" [1] "Distribution of the soil types with parent material MxD as identified on geological map and by surveyors" < table of extent 0 > [1] "*****SOIL SUBTYPES*****"
 [1] "Distribution of the soil subtypes with parent material MxD as identified on geological map and by surveyors" < table of extent 0 > [1] "*****SOIL CLASSES*****" [1]
 "Distribution of the soil classes with parent material SB as identified on geological map and by surveyors"

[1] “*****SOIL TYPES*****” [1]
 “Distribution of the soil types with parent material SB as identified on geological map and by surveyors”

Grobmaterial-Rohboden Ranker Braunerde 1 5 8 [1] “*****SOIL SUB-
 TYPES*****” [1] “Distribution of the soil subtypes
 with parent material SB as identified on geological map and by surveyors”

Carbonathaltiger Grobmaterial-Rohboden 1 Typischer Ranker 4 Carbonatfreier Fels-Auflagehumusboden 1
 Typische Braunerde 6 Podsolige Braunerde 2 [1] “*****
 [1] “*****SOIL CLASSES*****” [1]
 “Distribution of the soil classes with parent material SD as identified on geological map and by surveyors”
 [1] “*****SOIL TYPES*****” [1]
 “Distribution of the soil types with parent material SD as identified on geological map and by surveyors”

Feinmaterial-Rohboden Rendzina Kalklehm-Rendzina 1 26 17 Pararendzina Braunerde Textur-Substratboden
 2 8 1 [1] “*****SOIL SUBTYPES*****”
 [1] “Distribution of the soil subtypes with parent material SD as identified on geological map and by surveyors”

Carbonathaltiger Feinmaterial-Rohboden 1 Rendzina 18 Moder-Rendzina 8 Kalklehm-Rendzina 13 Mull-
 Kalklehm-Rendzina 1 Moder-Kalklehm-Rendzina 3 Pararendzina 2 Typische Braunerde 3 Carbonathaltige
 Braunerde 5 Textur-Substratboden 1 [1] “*****
 [1] “*****SOIL CLASSES*****” [1]
 “Distribution of the soil classes with parent material SSR as identified on geological map and by surveyors”
 [1] “*****SOIL TYPES*****” [1]
 “Distribution of the soil types with parent material SSR as identified on geological map and by surveyors”

Braunerde Kolluvisol 2 1 [1] “*****SOIL SUBTYPES*****”
 [1] “Distribution of the soil subtypes with parent material SSR as identified on geological map and by
 surveyors”

Podsolige Braunerde	Braunerde - tonig
1	1

Carbonatfreier Kolluvisol 1 [1] “*****
 [1] “*****SOIL CLASSES*****” [1]
 “Distribution of the soil classes with parent material TG as identified on geological map and by surveyors”
 [1] “*****SOIL TYPES*****” [1]
 “Distribution of the soil types with parent material TG as identified on geological map and by surveyors”

Rendzina	Kalklehm-Rendzina	Pararendzina
2	1	3
Ranker	Braunerde	Parabraunerde
1	55	4
Kalkbraunlehm Textur-Substratboden		Kolluvisol
2	2	1
Rigolboden		
16		

[1] “*****SOIL SUBTYPES*****” [1]
 “Distribution of the soil subtypes with parent material TG as identified on geological map and by surveyors”

Rendzina	Kalklehm-Rendzina
2	1
Pararendzina	Typischer Ranker
3	1
Typische Braunerde	Podsolige Braunerde
27	15

Carbonathaltige Braunerde Braunerde – tonig 12 1 Parabraunerde Kalkbraunlehm 4 2 Textur-Substratboden
Carbonatfreier Kolluvisol 2 1 Carbonatfreier Rigolboden Carbonathaltiger Rigolboden 11 5