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Rapport nr. 1422
Bijlage 3

NN31396.1422.1

STREEKPLAN FRIESLAND - LANDBOUW

Bodengeschiktheidsclassificatie voor akker- en
weidebouw bij de huidige en na verbeterde ontwatering

STREEKPLAN FRIESLAND - LANDBOUW

Bijlage 3

Bodemgeschiktheidsclassificatie voor akkerbouw bij de huidige (a) en na verbeterde (b) ontwatering en voor weidebouw bij de huidige (c) en na verbeterde (d) ontwatering

Object van beoordeling: de kaarteenheden van de Bodemkaart van Nederland, schaal 1 : 50 000, voor zover het de provincie Friesland betreft

Verklaring van de gebruikte afkortingen:

- n = ontwateringstoestand
- v = vochtleverend vermogen
- b = verkruimelbaarheid
- d = stevigheid van de bovengrond
- s = structuurstabiliteit i.v.m. slemp (bij zavel-, klei- en leemgronden)
structuurstabiliteit i.v.m. verstuiven (bij gronden met een bovengrond van zand of veen)
- Gt = grondwatertrap
- Gth = grondwatertrap bij huidige ontwatering ')
- Gtv = grondwatertrap na verbeterde ontwatering')

') alleen op bijlage 3b en 3d

N.B. Complexe gradaties staan aangegeven met twee cijfers, bijv. 12, 23. Dit betekent dat aan een kaarteenheid voor die beoordelingsfactor gradatie 1+2, 2+3 in toegekend. Zie ook blz. 9 van het rapport.

3a Geschiktheid voor akkerbouw bij huidige ontwatering

Klas- se	Gradaties						Kaarteenheden	Bodemkaart 1 : 50 000		
	beoordelingsfact.							legenda-eenheid		
	n	v	b	d	s	Gt				
1.1	2	1	1	1	1	VI	, Mn25A	bMn25A		
1.1	2	1	1	1	2	VI	, Mn25C bMn15A	bMn25C	Mn15A	
1.1	2	1	2	1	1	VI	, Mn35A			
1.1	2	1	1	2	1	VI	, Mv51A			
1.2	2	1	1	1	3	VI	, Mn15C			
1.2	2	2	1	1	2	VI	, bMn56Cp			
1.2	2	2	2	1	2	VI	, sMn25C			
1.2	3	1	1	1	1	V*	, bMn25A	Mn25A		
1.2	3	1	1	1	2	V*	, Mn15A bMn15A	Mn25C	bMn25C	
1.2	3	1	1	1	2	V*	, Mn56C			
1.2	3	1	2	1	1	V*	, Mn35A			
1.2	3	2	1	1	2	V*	, Mn52Cp			
1.3	2	1				IV	, zEZ23			
1.3	2	1				IV	, cHn21x Zn10A cHn21i>	Hn21 Zn40A	Hn21i> cHn21	
1.3	2	1				VI	, zEZ23x	bEZ23x	zEZ23	
1.3	2	1				VI	, bEZ21	zEZ21	bEZ21x	
1.3	3	2	1	1	2	V*	, kHn21			
1.4	2	2				VII	, zEZ23			
1.4	2	2				VI	, cHn23x	cHn23	pZs23	
1.4	2	2				VI	, cHn21	Zn40A	Zn10A	
1.4	3	1				III*	, cHn23	Hn23		
1.4	3	1				V*	, cHn23x cHn23x cHn23i>	zEZ23x cHn23	zEZ23x i> zEZ23	
1.4	3	1				V*	, cHn21			
1.4	3	2				III*	, zWp			
1.4	3	2				V*	, Hn23	Hn23x		
1.4	3	2				V*	, cHn21x			
1.4	3	2	1	1	2	V*	, kHn23	kHn23x		
2.1	3	1				V*	, pZs23			
2.1	3	1				II*	, svWz hVc	zWz	zVz	
2.1	3	1				III	, hVc			
2.1	3	1				III*	, aVz sVz svWz	vWz Vz	Vc aVc	
2.1	3	1				III*	, vWp	vWpx		
2.1	3	1	1	1	3	V*	, bMn15C bsMn15C	sMn15C	Mn15C	
2.1	3	1	0	1	2	III*	, zVc pZs23x	pZn21	pZs23	
2.1	3	1	0	1	2	III*	, zVz	zWz	Hn21	
2.1	3	1	0	1	2	V*	, pZs23x			
2.1	3	2				II*	, Vs			
2.1	3	2	1	1	3	V*	, Mn15Cp			
2.1	3	2	0	1	2	II*	, zVs			
2.1	3	2	1	1	2	V*	, kPZn23x			
2.1	3	1	2			II*	, hVs	hVz	shVz	
2.1	3	1	2			II*	, aVs	aVp		
2.2	2	1	2	3	1	VI	, Mn45A bMn86C	Mn86C Mn85C	bMn85C	

Klas- Gradaties		Kaarteenheden				Bodemkaart 1 : 50 000			
se	beorde-	lingsfact.				Gt.	legenda-eenheid		
		n	v	b	d		s		
2.2	3	1	3	2	1	II*	*,kVc		
2.2	3	2	2	1	12	V*	*,sMn53C		
2.2	3	123	1	1	1	V*	*, Mn45A	Mn86C	Mn85C
2.2	3	12	2	1	2	V*	*,bsMn25C		
2.2	4	123	3	1	1	II	*, M080Cv!>		
2.3	1	3		1		VII	*,cHn23		
2.3	1	3		1		VII	*,cHn21		
2.3	1	5		1		VII	*, Hd21		
2.3	2	3		1		VI	*, Hn23	pZn23	Zn30
2.3	2	3		1		VI	*,zWp Hn21->	Hn21x	Hn21
2.3	2	3		2		VI	*,vWp		
2.3	2	3	1	1	2	VI	*,kHn23		
2.3	2	3	2	2	1	VI	*,kWp		
2.3	3	3		1		V*	*,pZn23		
2.3	3	3		1		V*	*, Hn21x Hn21	pZn21 zWp	zWPx
2.3	3	3		2		V*	*,vWPx	vWp	
2.3	3	312	2	12		III	*,kZn30		
3.1	2	323	1	1		VI	*, Mv61C		
3.1	3	1	0	12		III*	*, Zn23->		
3.1	3	123	2	1		II*	*,pVc		
3.1	3	3	3	2	1	V*	*,sMn83Cwp		
3.1	3	223	1	1		V*	*, Mn82Cp		
3.1	4	1		2		II	*,cHn23x Zn40A Hn23 zVpx zVzx	zVz cHn23 Hn21x zWz zVp	zVc Hn23x cHn21 cHn21!>
3.1	4	1		2		III	*,iWz pZn23 Zn21 cHn21!> pZs23 Hn23	pZs21x Hn21 zVz zVzx pZn23x cHn23	Hn23x zWz KX Hn21!> pZn21 pZs23x
3.1	4	1		2		III	*, AD		
3.1	4	1		2		V	*,cHn21 zEZ23 zEZ23!> cHn21x	cHn23x zEZ23x zEZ21	pZs23 pZs23x cHn23
3.1	4	1		3		II	*,vWzx sVp hVz!> hVc vWp-> pZs21x hVr vWpx pZs21 hVz Vp vWz Vzx sVz Vzc svWp	cHn23x!> Zn21 sVs Vz vWp sVp-> Hn21 sVc Zn10A AAP hVs sVpx Vpx Vz-> Zn30 sVzx	sVz Hn21!> svWp Vc Zn21x hVz Vs pZs23x sVz hVb hVz-> sVp vWp!> sVc KX

Klas- Gradaties		Kaarteenheden					Bodemkaart 1 : 50 000			
se	beoorde- lingsfact.					legenda- eenheid				
	n	v	b	d	s		Gt			
3.1	4	1	3			III	vVc Zn21/> vWp vWz	vWzx Vz cHn21	sVz vWp-> vWpx	
3.1	4	1	1	2	1	III	vMn25A1>	Mn25A		
3.1	4	1	1	2	2	III	vKHn21 Mn15A1> Mn25C1>	kPZn23x Mn25C	kHn23 M015A	
3.1	4	1	1	2	2	V	vMn25C			
3.1	4	1	1	2	3	III	vMn15C			
3.1	4	1	1	2	3	V	vsmn15C	bsMn15C		
3.1	4	1	1	3	1	II	vM020A			
3.1	4	1	1	3	2	II	vKHn23x KHn21	kZn10A	M010A	
3.1	4	1	1	3	2	III	vKZn10A			
3.1	4	1	1	2	1	V	vbm56Cp	Mn56Cp		
3.1	4	1	1	3	1	II	vM050C			
3.1	4	1	2	2	1	III	vMn35A1> Mn35A	pMn85C pMn85cv Mn25A	pMn86C pM080	
3.1	4	1	1	1	2	V	vMn35A			
3.1	4	1	1	1	2	V	vMn15A			
3.1	4	1	1	1	2	V	vMn15C			
3.1	4	1	0	2	3	III	vzeZ231> cHn21x1>	cHn23x Hn21x	cHn23x1>	
3.1	4	1	2	3	1	II	vM080A1> pM080v	pM080	M080A	
3.1	4	1	2	2	1	III	vPMn55A smn52Cp	pMn55C smn53Cpx	smn58Cv smn53Cp	
3.1	4	1	2	2	1	V	vPMn55A			
3.1	4	1	2	3	1	II	vPMo50			
3.1	4	1	3	2	1	III	vPMn85A			
3.1	4	1	3	2	1	V	vPMn85A			
3.1	4	1	3	3	1	II	vkVz kMn43Cwp kMn48C kVc Mv41c1	kMn48Cv kMn43Cp Mv41C kVs1> Mv41cp	kVz1> kVzx kVs Mv41C1>	
3.1	4	1	3	3	1	III	vkVc	Mv41C		
3.1	4	1	1	2	3	III	vkHn21x	kHn23x		
3.1	4	1	1	2	3	II	vsmn15C			
3.1	4	1	1	2	3	III	vzsmn15C	smn15C		
3.1	4	1	2	2	3	II	vsmn25Cv	smn25C	smn25C1>	
3.1	4	1	2	2	3	III	vsmn25C1>	smn25Cv	smn25C	
3.1	4	1	3	2	3	1	III	vKMn48Cw zsmn88Cv	smn83C	smn83Cv

Klas-Gradaties		Kaarteenheden					Bodemkaart 1 : 50 000			
se	beoordelingsfact.					Gt	legenda-eenheid			
	n	v	b	d	s					
3.1	4	2	2			II	zWP	zWP->		
3.1	4	2	2			III	iVz zWPx	zWP zVp	FZs21	
3.1	4	2	2			V	PZn23x Hn23i>	Hn23x Hn23	KX Zn21x	
3.1	4	2	2			V	zWP->			
3.1	4	2	3			II	hVsc	hVzc		
3.1	4	2	3			III	Vs	hVsc		
3.1	4	2	3			V	zVp			
3.1	4	2	1	2	2	V	kHn21			
3.1	4	2	1	2	1	III	Mn52CP			
3.1	4	2	1	3	1	II	Mn55A			
3.1	4	2	2	2	1	III	kWP	kWPx		
3.1	4	2	0	2	3	V	vWzx			
3.1	4	2	2	3	1	II	kWPx			
3.1	4	2	2	2	1	V	sMn58C	sMn53CWP	sMn53CP	
3.1	3	1	2	3	2	1	II*	kVs		
3.1	4	2	3	2	1	V	sMn83Ci>	sMn83C		
3.1	4	2	3	3	1	II	kVsc	kVzc		
3.1	4	2	3	2	1	III	sMn88Cv kMn48Cv1 kMn43CPx kMn48C kMn48Cv	kMn43CWP sMn88C sMn83CWP sMn83CP	kMn48C1 kMn43Ci> kMn43C kMn43CP	
3.1	4	3	1			V	Zn21			
3.1	4	3	2			V	PZn21 Hn21x	Hn21i> PZn21x	Hn21	
3.1	4	3	2			V	iWP	zWPx	zWP	
3.1	4	3	3			V	vWP			
3.1	4	1	2	3	2	1	III	Mn45A Mn85C	Mn86CP Mn45Ai>	Mn85Ci>
3.1	4	3	3	2	1	V	Mn85C sMn88C kMn43C sMn88Ci>	sMn83CWP Mn45A kMn48C kMn43CP	Mn86C kMn48Cv sMn83CP	
3.1	4	1	2	3	3	1	II	M080C M080CWP kMn63CWP PVz Mv61C kMn63C Pvr	M080Cv PVs sMn85Cv PVz M080C1 kWP M080CP	PVc M080C1v kMn63Cx sMn85C Mv61CP PVd
3.1	4	1	2	3	3	1	III	kMn68Cv Mv61C	kMn63CP kMn63CWP	PVc
3.1	4	1	2	3	2	1	III	sMn85Cv	sMn85C	
3.1	3	1	2	3	2	1	II*	PVs		
3.1	4	2	2	3	3	1	II	PVsc	PVsc->	
3.1	4	2	2	3	2	1	III	kMn63C		
3.1	4	3	2	3	2	1	V	kMn68C	kMn63C	kMn63Cv
3.1	4	3	2	3	3	1	III	PVsc		
3.1	5	1	2			I	zVc			

3a (vervolgblad 4)

Klas-		Gradaties				Kaarteenheden		Bodemkaart 1 : 50 000		
se	beorde-	lingsfact.				legenda-eenheid				
	n	v	b	d	s	Gt				
3.1	5	1	3			I	,aVc	Vd	Vz	
							hVs	vWp	Vpx	
							zVz	Vzx	hVz	
							Vo	Vs	hVc	
							AAF	Zn21	PZs21	
							Vc	hVsc	sVz	
3.1	5	1	3			II	,W01	W0v		
3.1	5	1	3	3	1	I	,kVs	kVd	kVz	
							kVsc	Mv41C	kVc	
3.1	4	1	2			V	,PZs21			
3.1	4	1	2	3		III	,hVs	Vp	hVz	
3.1	4	1	2	2	2	V	,sMn25C	bsMn25C		
3.1	4	1	2	2	1	V	,sMn53C	bsMn53C		
3.1	4	1	2	3	3	1	III	,kVs		
3.1	5	1	2	3	3	1	I	,PVs	Mv61C	PVz
3.1	4	1	2	2	3	1	V	,sMn85C		
3.1	4	1	2	2	3	1	III	,PVs		
3.2	1	4				VII	,Hn21			
3.2	1	5				VII	,Zn21/>	Zd21		
3.2	2	4				VI	,Zn21			

3b Geschiktheid voor akkerbouw na verbeterde ontwatering

Klas- se	Gradaties beoorde- lingsfact.					Kaarteenheden		Bodemkaart 1 : 50 000		
	n	v	b	d	s	Gth	Gtv	legenda-eenheid		
1.1	2	1	1	1	1	VI	VI	v Mn25A	bMn25A	
1.1	2	1	1	1	2	VI	VI	v Mn25C bMn15A	bMn25C	Mn15A
1.1	2	1	2	1	1	VI	VI	v Mn35A		
1.1	2	1	1	2	1	VI	VI	v Mv51A		
1.1	3	1	1	1	1	V*	VI	v Mn25A	bMn25A	
1.1	3	1	1	1	2	V*	VI	v Mn25C bMn25C	Mn15A	bMn15A
1.1	3	1	1	1	2	V*	VI	v Mn56C		
1.1	3	1	2	1	1	V*	VI	v Mn35A		
1.1	4	1	1	2	1	III	IV	v Mn25A1>		
1.1	4	1	1	2	1	III	VI	v Mn25A		
1.1	4	1	1	2	2	III	VI	v Mn15A1> Mn25C1>	Mn25C Mn25C	M015A
1.1	4	1	1	3	1	II	VI	v M020A		
1.1	4	1	1	3	2	II	IV	v kZn10A	kZn10A	
1.1	4	1	1	3	2	II	VI	v M010A		
1.1	4	1	1	3	2	II	VI	v M050C		
1.1	4	1	2	2	1	III	VI	v PMn85cv Mn35A Mn35A	PM080 Mn25A PMn85C	PMn86C Mn35A1>
1.1	4	1	1	2	2	V	VI	v Mn15A		
1.1	4	1	0	2	3	III	III*	v chn21x1>		
1.1	4	1	2	3	1	II	VI	v M080A1> M080A	PM080v	PM080
1.1	4	1	2	2	1	2	III	v PMn55C	PMn55A	PMn55A
1.1	4	1	2	3	1	II	VI	v PMo50		
1.1	4	2	1	3	1	II	VI	v PMn55A		
1.2	2	1	1	1	3	VI	VI	v Mn15C		
1.2	2	2	1	1	2	VI	VI	v bMn56Cp		
1.2	2	2	2	1	2	VI	VI	v sMn25C		
1.2	3	1	1	1	3	V*	VI	v bsMn15C sMn15C	bMn15C	Mn15C
1.2	3	2	1	1	3	V*	VI	v Mn15Cp		
1.2	3	2	1	1	2	V*	VI	v Mn52Cp		
1.2	3	2	2	1	2	V*	VI	v sMn53C		
1.2	4	1	1	2	3	III	VI	v bsMn15C	sMn15C	Mn15C
1.2	4	1	1	2	2	V	VI	v Mn56Cp	bMn56Cp	
1.2	4	1	1	1	2	V	VI	v Mn15C		
1.2	4	1	2	2	1	III	VI	v sMn52Cp	sMn53Cpx	
1.2	4	1	1	2	3	III	VI	v sMn15C	sMn15C	zsMn15C
1.2	4	1	2	2	3	II	VI	v sMn25C1> sMn25C1>	sMn25C sMn25Cv	sMn25C
1.2	4	2	1	2	1	2	III	v Mn52Cp		
1.2	3	1	2	1	2	V*	VI	v bsMn25C		
1.2	4	1	2	2	2	V	VI	v bsMn25C	sMn25C	

Klas- se	Gradaties					Kaarteenheden Bodemkaart 1 : 50 000		
	beoorde- lingsfact.					legenda-eenheid		
	n	v	b	d	s	Gth	Gtv	
1.2	4	1	2	2	1	V	VI	↳ bMn53C sMn53C
1.3	2	1		1		IV	IV	↳ zEZ23
1.3	2	1		1		IV	IV	↳ Zn10A Hn21 Zn40A Hn21!> cHn21x cHn21 cHn21!>
1.3	2	1		1		VI	VI	↳ zEZ23x zEZ23 bEZ23x
1.3	2	1		1		VI	VI	↳ bEZ21 zEZ21 bEZ21x
1.3	3	1		1		III*	IV	↳ cHn23 Hn23
1.3	3	1		1		V*	VI	↳ zEZ23
1.3	3	1	0	1	2	III*	IV	↳ Zn23-> PZs23 PZn21
1.3	3	1	0	1	2	III*	IV	↳ Hn21
1.3	3	2	1	1	2	V*	V*	↳ kHn21
1.3	4	1		2		III	IV	↳ cHn21!> cHn21!> Hn21!> PZn23 Hn21 cHn23x cHn23 cHn23 PZs23 cHn21 Zn40A Zn21 Hn23 Hn23 PZn21
1.3	4	1		2		III	IV	↳ A0
1.3	4	1		2		V	VI	↳ zEZ21 zEZ23 zEZ23!>
1.3	4	1		3		II	IV	↳ Hn21 Hn21!> PZs21 Zn10A cHn21 Zn21
1.3	4	1		3		II	IV	↳ Zn21/>
1.3	4	1	1	2	2	III	IV	↳ kHn21 kHn23
1.3	4	1	1	3	2	II	IV	↳ kHn21
1.3	4	2		2		III	IV	↳ PZs21
1.3	4	2	1	2	2	V	V*	↳ kHn21
1.3	5	1		3		I	IV	↳ PZs21 Zn21
1.4	2	2		1		VII	VII	↳ zEZ23
1.4	2	2		1		VI	VI	↳ PZs23 cHn23 cHn23x
1.4	2	2		1		VI	VI	↳ Zn10A Zn40A cHn21
1.4	3	1		1		V*	V*	↳ zEZ23x cHn23 cHn23!> cHn23x cHn23x zEZ23x!>
1.4	3	1		1		V*	V*	↳ cHn21
1.4	3	2		1		III*	III*	↳ zWp
1.4	3	2		1		V*	V*	↳ Hn23x Hn23
1.4	3	2		1		V*	V*	↳ cHn21x
1.4	3	2	1	1	2	V*	V*	↳ kHn23x kHn23
1.4	4	1		2		III	III*	↳ Hn23x Hn23x Hn21x PZs21x
1.4	4	1		2		V	V*	↳ cHn23x cHn23 zEZ23x cHn21x cHn21
1.4	4	1		3		II	III*	↳ cHn23x!> PZs21x Zn21x
1.4	4	1		3		II	IV	↳ Zn30
1.4	4	1	0	2	3	III	III*	↳ Hn21x cHn23x!> zEZ23!> cHn23x
1.4	4	2		2		II	III*	↳ zWp zWpx zWp zWp->
1.4	4	2		2		V	V*	↳ Hn23 Hn23x PZn23x Hn23!>
1.4	4	2		2		V	V*	↳ zWp->
1.4	4	1	2	2		V	V*	↳ PZs21
2.1	3	1		1		V*	V*	↳ PZs23

3b (vervolgblad 2)

Klas- se	Gradaties					Kaarteenheden Bodemkaart 1 : 50 000		
	n	v	b	d	s	Gth	Gtv	legenda-eenheid
2.1	3	1		2		II*	III*	,hVc zWz svWz hVc
2.1	3	1		2		II*	III*	,Vz vWp Vc aVc aVz vWpX
2.1	3	1	0	1	2	III*	III*	,pZs23x zVz
2.1	3	1	0	1	2	III*	III*	,zWz zVc zVz
2.1	3	1	0	1	2	V*	V*	,pZs23x
2.1	3	2		2		II*	III*	,Vs
2.1	3	2	0	1	2	II*	III*	,zVs
2.1	3	2	1	1	2	V*	V*	,kPZn23x
2.1	4	1		2		III	III*	,pZn23x zVzx zWz pZs23x zVp zVzx zVz zVc zWz
2.1	4	1		2		V	V*	,pZs23x pZs23
2.1	4	1		3		II	III*	,hVs pZs23x VpX hVz i> aVp-> vWz Vz vWpX hVz-> svWp sVp hVz vWp hVb aVp vWz Vz Vs svWp sVpX Vzc vWpX Vz-> vWp-> hVr vWp i> vWp aVz sVc Vc Vp aVc Vc vWp-> hVz hVz sVz vWzx sVzx aVz vWzx AAP
2.1	4	1	1	2	2	III	III*	,kPZn23x
2.1	4	1	1	3	2	II	III*	,kHn23x
2.1	4	1	1	2	3	III	III*	,kHn23x kHn21x
2.1	3	1		2		II*	III*	,hVz zVp hVs shVz
2.1	3	1		2		II*	III*	,aVp aVs
2.1	4	2		3		III	III*	,Vs
2.1	4	2		3		V	V*	,zVp
2.1	4	2	0	2	3	V	V*	,vWzx
2.1	5	1		2		I	III*	,zVc
2.1	5	1		3		I	III*	,sVz vWp hVc Vo Vs Vzx aVc Vz Vd AAP W0v VpX hVs hVz Vc zVz
2.1	4	1		2		III	III*	,hVs Vp hVz
2.2	2	1	2	3	1	1	VI	,bMn85C Mn86C bMn86C Mn45A Mn85C

Klas- se	Gradaties					Kaarteenheden		Bodemkaart 1 : 50 000		
	n	v	b	d	s	Gth	Gtv	legenda-eenheid		
2.2	3	1	3	2	1	II*	III*	kVc		
2.2	3	123	1	1	1	V*	VI	Mn86C	Mn45A	Mn85C
2.2	3	123	2	1	1	II*	III*	PVc		
2.2	3	223	1	1	1	V*	VI	Mn82Cp		
2.2	4	1	3	2	1	III	VI	Pm85A	Pm85A	
2.2	4	1	3	3	1	II	III*	kVc	kVc	
2.2	4	1	323	1	1	III	VI	sMn83Cv	sMn83C	
2.2	4	2	2	2	1	III	III*	kWpX		
2.2	4	2	2	3	1	II	III*	kWpX		
2.2	4	2	3	2	1	V	VI	sMn83C	sMn83C!>	
2.2	4	123	2	1	1	III	VI	Mn86Cp Mn85C Mn45A	Mn85C Mn85C!> Mn45A!>	Mn86C Mn45A
2.2	4	123	3	1	1	II	III*	PVc PVd	PVr	PVc
2.2	4	123	3	1	1	II	VI	sMn85Cv M080C M080Cp	M080Cv!> M080Cv	sMn85C M080Cwp
2.2	4	12323	1	1	1	III	VI	sMn85Cv	sMn85C	
2.2	5	1	3	3	1	I	III*	kVc	kVd	
2.2	4	1223	2	1	1	V	VI	sMn85C		
2.3	1	3	1	1	1	VII	VII	cHn23		
2.3	1	3	1	1	1	VII	VII	cHn21		
2.3	1	5	1	1	1	VII	VII	Hd21		
2.3	2	3	1	1	1	VI	VI	Zn30	Hn23	PZn23
2.3	2	3	1	1	1	VI	VI	zWp Hn21	Hn21x	Hn21->
2.3	2	3	2	1	1	VI	VI	vWp		
2.3	2	3	1	1	2	VI	VI	kHn23		
2.3	2	3	2	2	1	VI	VI	kWp		
2.3	3	3	1	1	1	V*	V*	PZn23		
2.3	3	3	1	1	1	V*	V*	zWpX zWp	Hn21 Hn21x	PZn21
2.3	3	3	2	1	1	V*	V*	vWpX	vWp	
2.3	3	312	212	1	1	III	IV	kZn30		
2.3	4	1	2	212	1	III	VI	sMn58Cv	sMn53Cp	
2.3	4	2	2	1	1	III	III*	iVz		
2.3	4	2	2	1	1	V	V*	Zn21x		
2.3	4	2	3	1	1	III	III*	hVsc	hVzc	hVsc
2.3	4	2	2	212	1	V	VI	sMn53Cwp	sMn58C	sMn53Cp
2.3	4	3	2	1	1	V	V*	Hn21x Hn21!>	PZn21 PZn21x	Hn21
2.3	4	3	2	1	1	V	V*	iWp	zWp	zWpX
2.3	4	3	3	1	1	V	V*	vWp		
2.3	5	1	3	1	1	I	III*	W01	hVsc	
3.1	2	323	1	1	1	VI	VI	Mv61C		
3.1	3	3	3	2	1	V*	VI	sMn83Cwp		
3.1	4	1	2	1	1	III	III	KX		
3.1	4	1	3	1	1	II	III	KX		
3.1	4	1	3	3	1	II	III*	kVz!> kVs kVs!> Mv41cp	Mv41cl Mv41C!> Mv41C	kVzx kVz Mv41C

Klas- se	Gradaties					Kaarteenheden	Bodemkaart 1 : 50 000	legenda-eenheid			
	n	v	b	d	s			Gth	Gtv		
3.1	4	1	3	3	1	II	VI	,kMn48Cv kMn43Cp	kMn43Cwp	kMn48C	
3.1	4	1	323	1	III	VI	VI	,kMn48Cw	zsmn88Cv		
3.1	4	2		2	V	V	V	, KX			
3.1	4	2	2	2	1	III	III*	,kwp			
3.1	3	1	2	3	2	1	III*	,kVs			
3.1	4	2	3	3	1	II	III*	,kVzc	kVsc		
3.1	4	2	323	1	III	VI	VI	,kMn48Cv1 kMn43C kMn48C1 smn88C kMn43C1>	smn83Cp kMn48C smn88Cv kMn48Cv	smn83Cwp kMn43Cpx kMn43Cwp kMn43Cp	
3.1	4	3		1	V	V	V*	, Zn21			
3.1	4	3	3	2	1	V	VI	,kMn48C smn88C kMn43Cp	kMn43C smn83Cwp smn88C1>	kMn48Cv smn83Cp	
3.1	4	1	2	3	3	1	II	III*	, Mv61C pVs Mv61C	pVz pVz	Mv61cp kwp
3.1	4	1	2	3	3	1	II	VI	,kMn63Cwp M080C1v kMn63Cp	kMn63Cwp M080C1 kMn63C	kMn63Cx kMn68Cv
3.1	3	1	2	2	3	2	1	III*	,pVs		
3.1	4	2	2	3	3	1	II	III*	,pVsc->	pVsc	
3.1	4	2	2	3	2	3	1	III	VI	,kMn63C	
3.1	4	3	2	3	2	1	V	VI	,kMn63Cv	kMn63C	kMn68C
3.1	4	3	2	3	3	1	III	III*	,pVsc		
3.1	5	1	3	3	3	1	I	III*	,kVz kVs	Mv41C	kVsc
3.1	4	1	2	3	3	1	III	III*	,kVs		
3.1	5	1	2	3	3	1	I	III*	,pVs	pVz	Mv61C
3.1	4	1	2	2	3	3	1	III	III*	,pVs	
3.2	1	4		1		VII	VII	, Hn21			
3.2	1	5		1		VII	VII	, Zn21/>	Zd21		
3.2	2	4		1		VI	VI	, Zn21			

3c Geschiktheid voor weidebouw bij huidige ontwatering

Klas- se	Gradaties					Kaarteenheden	Bodemkaart 1 : 50 000		
	n	v	b	d	s		Gt	legenda-eenheid	
1.1	2	1				IV	zEZ23		
1.1	2	1				IV	cHn21x Zn40A Zn10A	cHn21i> cHn21	Hn21i> Hn21
1.1	2	1				VI	zEZ23	bEZ23x	zEZ23x
1.1	2	1				VI	bEZ21	zEZ21	bEZ21x
1.1	2	1	1	1	1	VI	bMn25A	Mn25A	
1.1	2	1	1	1	2	VI	bMn25C bMn15A	Mn15A	Mn25C
1.1	2	1	1	1	3	VI	Mn15C		
1.1	2	1	2	1	1	VI	Mn35A		
1.1	2	112	112			VI	Mv51A		
1.1	2	123	1	1		VI	Mn45A Mn86C	bMn86C bMn85C	Mn85C
1.1	3	1				III*	Hn23	cHn23	
1.1	3	1				V*	cHn23x cHn23i> zEZ23x	cHn23x cHn23 zEZ23	zEZ23 zEZ23x1>
1.1	3	1				V*	cHn21		
1.1	3	1	1	1	1	V*	Mn25A	bMn25A	
1.1	3	1	1	1	2	V*	bMn25C Mn25C	bMn15A	Mn15A
1.1	3	1	1	1	3	V*	bMn15C sMn15C	bMn15C	Mn15C
1.1	3	1	1	112		V*	Mn56C		
1.1	3	1	2	1	1	V*	Mn35A		
1.1	3	123	1	1		V*	Mn45A	Mn85C	Mn86C
1.2	3	1		2		II*	zVz	hVc	zVz
1.2	3	1		2		III	hVc		
1.2	3	1		2		II*	aVz sVz	aVc Vz	Vc
1.2	3	1	012			III*	zVz zVc	zZn21 Zn23->	zZn23x
1.2	3	1	012			III*	zVz	Hn21	zWz
1.2	3	1	012			V*	zZn23x		
1.2	3	1	3	2	1	II*	kVc		
1.2	3	2	1	1	2	V*	kHn21		
1.2	3	123	2	1		II*	eVc		
1.3	2	2		1		VII	zEZ23		
1.3	2	2		1		VI	zZn23	cHn23x Zn40A	cHn23 Zn10A
1.3	2	2	1	112		VI	bMn56Cp		
1.3	2	2	2	1	2	VI	sMn25C		
1.3	3	2		1		III*	zWp		
1.3	3	2		1		V*	Hn23	Hn23x	
1.3	3	2		1		V*	cHn21x		
1.3	3	2	1	1	2	V*	kHn23x	kHn23	
1.3	3	2	1	1	3	V*	Mn15Cp		
1.3	3	2	1	112		V*	Mn52Cp		
1.3	3	2	2	112		V*	sMn53C		
1.3	3	223	1	1		V*	Mn82Cp		

Klas- Gradaties Kaarteenheden Bodemkaart 1 : 50 000
se beoord-
lingsfact.

	n	v	b	d	s	Gt	legenda-eenheid
1.3	312	2	1	2	V*	vsMn25C	
1.4	3	2		2	II*	vVs	
1.4	3	2	012		II*	vzVs	
1.4	3	2	112	2	V*	vkPZn23x	
1.4	312		2		II*	vshVz	hVz
1.4	312		2		II*	vaVs	hVs
1.4	312	3	2	1	II*	vkVs	
1.4	31223	2	1		II*	vPVs	
2.1	3	1		2	II*	vsVWz	
2.1	3	1		2	III*	vsVWz	vWz
2.1	3	1		2	III*	vVWpx	vWp
2.1	4	1		2	II	vzVz	Zn40A
						zVpx	zVc
						zVzx	zVp
2.1	4	1		2	III	vHn21	zVz
						iWz	KX
						pZs23	pZs21x
						pZn21	cHn21i>
						pZs23x	Zn21
						Hn23	pZn23x
							zVzx
							cHn23
							zWz
2.1	4	1		2	III	vA0	
2.1	4	1		2	V	vcHn23x	pZs23
						zEZ23	zEZ23x
						zEZ23i>	cHn23
						cHn21x	cHn21
2.1	4	1		3	III	vcHn21	
2.1	4	1	1	2	1	III	vMn25A1>
2.1	4	1	1	2	2	III	Mn25A
							kHn21
							Mn25C
							Mn15A1>
							kHn23
							vkPZn23x
2.1	4	1	1	2	2	V	vMn25C
2.1	4	1	1	2	3	III	vMn15C
2.1	4	1	1	2	3	V	vsmMn15C
2.1	4	1	1	212		V	vbmMn56Cp
2.1	4	1	2	2	1	III	vMn35A1>
							pMn86C
							pM080
							pMn85C
							pMn85cv
2.1	4	1	112	1		V	vMn35A
2.1	4	1	112	2		V	vMn15A
2.1	4	1	112	3		V	vMn15C
2.1	4	1	2	212		III	vsmMn53Cpx
							smMn52Cp
							pMn55A
							smMn58Cv
2.1	4	1	2	212		V	vPMn55A
2.1	4	1	3	2	1	III	vPMn85A
2.1	4	1	3	2	1	V	vPMn85A
2.1	4	2		2		II	vzWp->
2.1	4	2		2		III	viVz
							zVp
							pZs21
2.1	4	2		2		V	vKX
							Hn23i>
							Hn23x
							Zn21x
2.1	4	2		2		V	vzWp->
2.1	4	2	1	2	2	V	vkHn21
2.1	4	2	1	212		III	vMn52Cp

Klas- Gradaties Kaarteenheden Bodemkaart 1 : 50 000

se beoord-
lingsfact.

	n	v	b	d	s	Gt	legenda-eenheid		
2.1	4	2	2	2	1	III	v kWPx	kWP	
2.1	4	2	2	2	1	V	v sMn53CWP	sMn58C	sMn53CP
2.1	4	2	3	2	1	V	v sMn83C	sMn83CI>	
2.1	4	1	2	3	2	III	v Mn45AI>	Mn45A	Mn85CI>
							Mn86CP	Mn85C	
2.1	4	1	2	3	2	V	v Mn45A	Mn85C	Mn86C
2.1	5	1				I	v zVc		
2.1	4	1	2			V	v PZs21		
2.1	4	1	2	2	2	V	v sMn25C	bsMn25C	
2.1	4	1	2	2	1	V	v bsMn53C	sMn53C	
2.1	4	1	2	2	3	V	v sMn85C		
2.2	1	3				VII	v cHn23		
2.2	1	3				VII	v cHn21		
2.2	2	3				VI	v PZn23	Hn23	Zn30
2.2	2	3				VI	v zWP	Hn21	Hn21->
							Hn21x		
2.2	2	3	1	1	2	VI	v kHn23		
2.2	2	3	2	3	1	VI	v Mv61C		
2.2	3	3				V*	v PZn23		
2.2	3	3				V*	v PZn21	zWP	zWPx
							Hn21	Hn21x	
2.2	4	3				V	v Zn21		
2.2	4	1	2	3	3	II	v M080CvI>		
2.3	1	5				VII	v Hd21		
2.3	2	3				VI	v vWP		
2.3	2	3	2	2	1	VI	v kWP		
2.3	3	3				V*	v vWP	vWPx	
2.3	3	3	3	2	1	V*	v sMn83CWP		
2.3	3	3	1	2	2	III	v kZn30		
2.3	4	1				III	v PZn23		
2.3	4	2				V	v PZn23x		
2.3	4	3				V	v Hn21I>	Hn21	PZn21x
							Hn21x	PZn21	
2.3	4	3				V	v iWP	zWP	zWPx
2.3	4	3	3	2	1	V	v kMn43C	kMn48Cv	sMn88C
							sMn83CP	sMn88CI>	kMn48C
							sMn83CWP	kMn43CP	
2.3	4	3	2	3	2	V	v kMn63Cv	kMn68C	kMn63C
3.1	4	1				II	v cHn23x	cHn21	cHn23
							cHn21I>	Hn21x	Hn23x
							Hn23		
3.1	4	1				III	v Hn23x		
3.1	4	1				II	v Hn21	vWP	Vz
							PZs23x	cHn23xI>	vWPx
							sVzx	Hn21I>	vWzx
							sVc	hVs	sVP
							sVs	Zn30	VPx
							hVzi>	hVc	aVc
							VP	Vs	aVz
							aVP	aVP->	vWz
							Zn21x	hVr	hVz
							svWP	sVz	svPx
							Vzc	svWP	Zn10A
							PZs21x	Zn21	hVb
							AAF	hVz	Vc
							hVz->	PZs21	aVz
							vWP->	Vzx	vWPI>
							Vz->	KX	

Klas- se	Gradaties				Kaarteenheden	Bodemkaart 1 : 50 000					
	n	v	b	d		s	Gt	legenda-eenheid			
3.1	4	1	3		III	vUz vWpX vWp	vWzx Uz vWp->	vWz Zn21/> Vc			
3.1	4	1	1	3	1	II	v M020A				
3.1	4	1	1	3	2	II	v kHn23x M010A	kZn10A kHn21			
3.1	4	1	1	3	2	III	v kZn10A				
3.1	4	1	1	3	1	II	v M050C				
3.1	4	1	0	2	3	III	v zEZ23i> cHn23xi>	cHn21xi> Hn21x	cHn23x		
3.1	4	1	2	3	1	II	v M080A pM080	M080A1>	pM080v		
3.1	4	1	2	3	1	II	v pM050				
3.1	4	1	3	3	1	II	v Mv41c1 kMn43Cp kMn48C Mv41C Mv41cp	kUzi> kMn48Cv kMn43Cwp kVc kVsi>	kVs kUz Mv41Ci> kVzx		
3.1	4	1	3	3	1	III	v Mv41C	kVc			
3.1	4	1	1	2	3	2	III	v kHn23x	kHn21x		
3.1	4	1	1	2	3	3	II	v sMn15C			
3.1	4	1	1	2	3	3	III	v sMn15C	z sMn15C		
3.1	4	1	2	2	3	2	II	v sMn25C	sMn25Ci>	sMn25Cv	
3.1	4	1	2	2	3	2	III	v sMn25C	sMn25Cv	sMn25Ci>	
3.1	4	1	3	2	3	1	III	v z sMn88Cv kMn48Cw	sMn83C	sMn83Cv	
3.1	4	2	3			II	v hVzc	hVsc			
3.1	4	2	3			III	v Vs	hVsc			
3.1	4	2	3			V	v zVp				
3.1	4	2	1	3	1	II	v pMn55A				
3.1	4	2	0	2	3	V	v vWzx				
3.1	4	2	2	3	1	II	v kWpX				
3.1	4	2	3	3	1	II	v kVsc	kVzc			
3.1	4	2	3	2	3	1	III	v kMn43C kMn48Cv1 kMn43Cp kMn43Ci> sMn88C	kMn43Cwp kMn43Cpx kMn48C1 sMn83Cp	kMn48Cv sMn83Cwp kMn48C sMn88Cv	
3.1	4	3	3			V	v vWp				
3.1	4	1	2	3	3	1	II	v pVc pVs pVz kMn63Cwp M080Cp pVr pVd	pVz Mv61cp sMn85C M080Cv M080Cwp M080C1v M080C1	M080C kWP Mv61C kMn63Cx kMn63C sMn85Cv	
3.1	4	1	2	3	3	1	III	v Mv61C kMn63Cwp	pVc kMn63Cp	kMn68Cv	
3.1	4	1	2	3	2	3	1	III	v sMn85C	sMn85Cv	
3.1	4	2	2	3	3	1	II	v pVsc->	pVsc		
3.1	4	2	2	3	2	3	1	III	v kMn63C		
3.1	4	3	2	3	3	1	III	v pVsc			

Klas- se	Gradaties beoord- lingsfact.	Kaarteenheden			Bodemkaart 1 : 50 000	legenda-eenheid		
n	v	b	d	s	Gt			
3.1	5	1	3		I	, Vd	Vz	hVz
						VpX	vWp	hVc
						AAF	zVz	Vzx
						Vc	Vo	aVc
						Vs	hVsc	FZs21
						sVz	Zn21	hVs
3.1	5	1	3		II	, W01	W0v	
3.1	5	1	3	3	1	, kVd	kVs	kVsc
						kVz	kVc	Mv41C
3.1	4	1	2	3		, hVz	hVs	Vp
3.1	4	1	2	3	3	, kVs		
3.1	5	1	2	3	3	, pVs	pVz	Mv61C
3.1	4	1	2	2	3	, pVs		
3.2	1	4		1		, Hn21		
3.2	1	5		1		, Zn21/>	Zd21	
3.2	2	4		1		, Zn21		

Klas- se	Gradaties					Kaarteenheden	Bodemkaart 1 : 50 000				
	n	v	b	d	s		Gth	Gtv	legenda-eenheid		
1.1	4	1	1	2	3	V	VI	‚bsMn15C	Mn15C	smn15C	
1.1	4	1	1	3	1	II	VI	‚ M020A			
1.1	4	1	1	3	2	II	IV	‚kZn10A	kZn10A	kHn21	
1.1	4	1	1	3	2	II	VI	‚ M010A			
1.1	4	1	1	3	1	II	VI	‚ M050C			
1.1	4	1	2	2	1	III	VI	‚PMn85cv Mn35A Mn25A	PM080 Mn35A1> PMn86C	Mn35A PMn85C	
1.1	4	1	1	1	2	V	VI	‚ Mn15A			
1.1	4	1	1	1	2	V	VI	‚ Mn15C			
1.1	4	1	0	2	3	III	III*	‚zEZ231> Hn21x	cHn23x1> cHn23x	cHn21x1>	
1.1	4	1	2	3	1	II	VI	‚PM080 PM080v	M080A	M080A1>	
1.1	4	1	2	2	1	III	VI	‚PMn55A	PMn55A	PMn55C	
1.1	4	1	2	3	1	II	VI	‚PMo50			
1.1	4	1	3	2	1	III	VI	‚PMn85A	PMn85A		
1.1	4	1	1	2	3	III	VI	‚zsMn15C	smn15C	smn15C	
1.1	4	2				III	IV	‚PZs21			
1.1	4	2	1	3	1	II	VI	‚PMn55A			
1.1	4	1	2	3	2	1	III	‚ Mn85C Mn45A1> Mn85C1>	Mn45A Mn85C	Mn86C Mn45A	
1.1	4	1	2	3	3	1	II	‚ M080C M080Cv	M080Cv1>	M080Cp	
1.1	5	1		3		I	IV	‚ Zn21	PMZs21		
1.2	3	1		2		III	III*	‚hVc hVc	zVz	zWz	
1.2	3	1		2		II*	III*	‚ Vz Vc	sVz aVz	aVc	
1.2	3	1	0	1	2	III*	III*	‚PZs23x			
1.2	3	1	0	1	2	III*	III*	‚zVz	zVc	zWz	
1.2	3	1	0	1	2	V*	V*	‚PZs23x			
1.2	3	1	3	2	1	II*	III*	‚kVc			
1.2	3	2	1	1	2	V*	V*	‚kHn21			
1.2	3	1	2	3	2	1	II*	‚PVc			
1.2	4	1		2		II	III*	‚zVz zVzx zVz zVzx	PMZn23x PMZs23x zWz	iWz zVc zWz	
1.2	4	1		2		V	V*	‚PMZs23x			
1.2	4	1		3		III	III*	‚ Vz aVc Vc sVz AAP aVz	Vz-> PMZs23x aVz hVb sVzx Vc	Vz Vz sVc sVz hVc	
1.2	4	1	1	2	2	III	III*	‚kPMZn23x			
1.2	4	1	3	3	1	II	III*	‚kVc	kVc		
1.2	4	2	1	2	2	V	V*	‚kHn21			
1.2	4	1	2	3	3	1	II	‚PVd PVc	PVc	PVr	

Klas- se	Gradaties					Kaarteenheden	Bodemkaart 1 : 50 000			
	n	v	b	d	s		Gth	Gtv	legenda- eenheid	
1.4	4	1	3	3	1	II	III*	kVzX kVsI> kVz	Mv41C kVs Mv41cP	Mv41C kVzI> Mv41CI>
1.4	3	1	2			II*	III*	zVP hVz	hVs	shVz
1.4	3	1	2			II*	III*	aVP	aVs	
1.4	4	2	3			III	III*	Vs		
1.4	4	2	3			V	V*	zVP		
1.4	4	2	2	2	1	III	III*	kWPX	kWP	
1.4	4	2	0	2	3	V	V*	vWzX		
1.4	4	2	2	3	1	II	III*	kWPX		
1.4	3	1	2	3	1	II*	III*	kVs		
1.4	4	1	2	3	1	II	III*	FVz Mv61C	FVs Mv61C	Mv61cP kWP
1.4	3	1	2	3	1	II*	III*	FVs		
1.4	5	1	3			I	III*	hVz hVs	VpX	Vs
1.4	5	1	3	3	1	I	III*	kVz	kVs	Mv41C
1.4	4	1	2	3		III	III*	hVz	Vp	hVs
1.4	4	1	2	3	1	III	III*	kVs		
1.4	5	1	2	3	1	I	III*	FVz	FVs	Mv61C
1.4	4	1	2	3	1	III	III*	FVs		
2.1	3	1	2			III*	III*	vWz	svWz	svWz
2.1	3	1	2			III*	III*	vWP	vWPX	
2.1	4	1	2			III	III	KX		
2.1	4	1	3			II	III	KX		
2.1	4	1	3			III	III*	svWP vWP-> vWzX vWP vWPX	svWP vWPI> vWPX vWzX	vWP vWP-> vWz vWz
2.1	4	2	2			III	III*	iVz		
2.1	4	2	2			V	V	KX		
2.1	5	1	3			I	III*	vWP		
2.2	1	3	1			VII	VII	chN23		
2.2	1	3	1			VII	VII	chN21		
2.2	2	3	1			VI	VI	Zn30	FZn23	Hn23
2.2	2	3	1			VI	VI	Hn21-> Hn21x	Hn21	zWP
2.2	2	3	1	1	2	VI	VI	kHn23		
2.2	2	3	2	3	1	VI	VI	Mv61C		
2.2	3	3	1			V*	V*	FZn23		
2.2	3	3	1			V*	V*	Hn21x zWPX	FZn21 zWP	Hn21
2.2	3	3	3	2	1	V*	VI	sMn83CWP		
2.2	3	3	1	2	1	III	IV	kZn30		
2.2	4	1	2	2	1	III	VI	sMn58Cv	sMn53Cp	
2.2	4	2	2			V	V*	FZn23x	Zn21x	
2.2	4	2	2	2	1	V	VI	sMn58C	sMn53Cp	sMn53CWP
2.2	4	2	3	2	1	III	VI	sMn83CWP	sMn83Cp	
2.2	4	3	1			V	V*	Zn21		

Klas- se	Gradaties					Kaarteenheden Bodemkaart 1 : 50 000				
	beorde- lingsfact.					legenda- eenheid				
	n	v	b	d	s	Gth	Gtv			
2.2	4	3		2		V	V*	v Hn21!> Hn21x	FZn21 Hn21	FZn21x
2.2	4	3		2		V	V*	vzWp	zWpX	iWp
2.2	4	3	3	2	1	V	VI	v sMn83Cwp	sMn83Cp	
2.2	4	123		3	1	II	VI	v M080C1	M080C1v	
2.3	1	5		1		VII	VII	v Hd21		
2.3	2	3		2		VI	VI	v vWp		
2.3	2	3	2	2	1	VI	VI	v kWp		
2.3	3	3		2		V*	V*	v vWp	vWpX	
2.3	4	1	3	3	1	II	III*	v Mv41c1		
2.3	4	1	3	3	1	II	VI	v kMn48C kMn43Cp	kMn48Cv	kMn43Cwp
2.3	4	1	323		1	III	VI	v kMn48Cw	zsMn88Cv	
2.3	4	2		3		III	III*	v hVsc	hVzc	hVsc
2.3	4	2	3	3	1	II	III*	v kVzc	kVsc	
2.3	4	2	323		1	III	VI	v sMn88C kMn48C kMn48Cv1 kMn43Cp	kMn43CpX sMn88Cv kMn43C kMn48C1	kMn43Cwp kMn48Cv kMn43C!>
2.3	4	3		3		V	V*	v vWp		
2.3	4	3	3	2	1	V	VI	v kMn48C sMn88C	kMn43Cp sMn88C!>	kMn48Cv kMn43C
2.3	4	123		3	1	II	VI	v kMn63Cx kMn68Cv	kMn63Cwp kMn63Cp	kMn63Cwp kMn63C
2.3	4	223		3	1	II	III*	v pVsc	pVsc->	
2.3	4	22323		1	III	VI	VI	v kMn63C		
2.3	4	323		2	1	V	VI	v kMn63Cv	kMn68C	kMn63C
2.3	4	323		3	1	III	III*	v pVsc		
2.3	5	1		3		II	III*	v hVsc	W01	
2.3	5	1	3	3	1	I	III*	v kVsc		
3.2	1	4		1		VII	VII	v Hn21		
3.2	1	5		1		VII	VII	v Zn21!>	Zd21	
3.2	2	4		1		VI	VI	v Zn21		