

Key	Acceptable SWS Result	
	Marginal SWS Result. PAWCER Required	
	Failed SWS Result	
	Physical / Chemical Barrier	

Map Unit	Sample	PSA Texture	Texture (mm)	Horizon depth (mm)	Total SWS (mm)	Sample	PSA Texture	Texture (mm)	Horizon depth (mm)	Total SWS (mm)	Sample	PSA Texture	Texture (mm)	Horizon depth (mm)	Total SWS (mm)			
1	N6-SCL-0.0-0.1					N7-SCL-0.0-0.1					N8-SCL-0.0-0.1							
	N6-SCL-0.2-0.3					N7-SCL-0.2-0.3					N8-SCL-0.2-0.3							
	N6-SCL-0.5-0.6	No assessment required due to pH exceedance >8.9					N7-SCL-0.5-0.6	No assessment required due to pH exceedance >8.9					N8-SCL-0.5-0.6	No assessment required due to pH exceedance >8.9				
	N6-SCL-0.77-0.87					N7-SCL-0.8-0.9						N8-SCL-0.8-0.9						
	N6-SCL-0.9-1.0					N7-SCL-0.9-1.0						N8-SCL-0.9-1.0						
				0	0				0	0				0	0			

Map Unit	Sample	PSA Texture	Texture (mm)	Horizon depth (mm)	Total SWS (mm)	Sample	PSA Texture	Texture (mm)	Horizon depth (mm)	Total SWS (mm)	Sample	PSA Texture	Texture (mm)	Horizon depth (mm)	Total SWS (mm)			
2	N17-0.0-0.1					N18-0.0-0.1					N19-0.0-0.1							
	N17-0.1-0.2	No assessment required due to pH exceedance >8.9					N18-0.2-0.3	No assessment required due to pH exceedance >8.9					N19-0.2-0.3	No assessment required due to pH exceedance >8.9				
	N17-0.2-0.3					N18-0.5-0.6						N19-0.5-0.6						
	N12-0.5-0.6					N18-0.8-0.9						N19-0.8-0.9						
	N12-0.8-0.88					N18-0.9-1.0						N19-0.9-0.95						
				0	0				0	0				0	0			

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3	N15-0.0-0.1	LC	10	10	10	N16-0.0-0.1	LC				60-SCL-0.0-0.1	LC			
	N15-0.2-0.3	MC				N16-0.2-0.3	LC				60-SCL-0.2-0.3	LMC	10	30	30
	N15-0.55-0.6	MC	12	50	60	N16-0.5-0.6	LC				60-SCL-0.5-0.6	MC			0
	N15-0.8-0.9	LMC	10	30	30	N16-0.8-0.9	LMC	10	90	90	60-SCL-0.8-0.9	MC			0
	N15-0.9-1.0	MC	12	10	12	N16-0.9-1.0	MC	12			60-SCL-0.9-1.0	MC	12	70	84
					100	112				100	102				100

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4	N20-0.0-0.1	CL	8	10	8	N21-0.0-0.1					N22-0.0-0.1						
	N20-0.2-0.3	SCL				N21-0.2-0.3					N22-0.2-0.3						
	N20-0.5-0.6	SCL	6	50	30	N21-0.5-0.58	No assessment required due to pH exceedance >8.9					N22-0.5-0.6	No assessment required due to pH exceedance >8.9				
	N20-0.75-0.85	Chemical limitation due to pH exceedance >8.9					N21-0.8-0.9					N22-0.8-0.9					
	N20-0.9-1.0					N21-0.9-1.0						N22-0.9-1.0					
				60	38				0	0				0	0		

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5	N4-SCL-0.0-0.1					N5-SCL-0.0-0.1					N9-SCL-0.0-0.1							
	N4-SCL-0.2-0.3					N5-SCL-0.2-0.3					N9-SCL-0.2-0.3							
	N4-SCL-0.5-0.6	No assessment required due to pH exceedance >8.9					N5-SCL-0.5-0.6	No assessment required due to pH exceedance >8.9					N9-SCL-0.5-0.6	No assessment required due to pH exceedance >8.9				
	N4-SCL-0.8-0.9					N5-SCL-0.8-0.9						N9-SCL-0.75-0.85						
	N4-SCL-0.9-1.0					N5-SCL-0.9-1.0						N9-SCL-0.9-1.0						
				0	0				0	0				0	0			

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6	N26-0.0-0.1					N27-0.0-0.1					91-0.0-0.1	Sandy Loam	5	10	5		
	N26-0.2-0.3					N27-0.2-0.3					91-0.2-0.3	Loam	6	20	12		
	N26-0.5-0.6	No assessment required due to pH exceedance >8.9					N27-0.5-0.6	No assessment required due to pH exceedance >8.9					91-0.5-0.6	Light Clay			
	N26-0.83-0.9					N27-0.8-0.9					91-0.8-0.9	Light Clay	10	60	60		
	N26-0.9-1.0					N27-0.9-1.0					91-0.9-1.0	Light Clay			Chloride Exceedance of 1026 mg/kg		
				0	0				0	0				90	77		

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7	32-SCL-0.0-0.1					77-SCL-0.0-0.1	LC	10	10	10	80-SCL-0.0-0.1						
	32-SCL-0.2-0.3					77-SCL-0.2-0.3	LMC				80-SCL-0.2-0.3						
	32-SCL-0.5-0.6	No assessment required due to pH exceedance >8.9					77-SCL-0.5-0.6	LC				80-SCL-0.5-0.6	No assessment required due to pH exceedance >8.9				
	32-SCL-0.8-0.9					77-SCL-0.8-0.9	LMC	10	80	80	80-SCL-0.8-0.9						
	32-SCL-0.9-1.0					77-SCL-0.9-1.0	MC	12	10	12	80-SCL-0.9-1.0						
				0	0				100	102				0	0		

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8	N1-0.0-0.1	Heavy Clay	12	0	0	N2-0.0-0.1	Medium Clay				N3-0.0-0.1	Medium Clay			
	N1-0.2-0.3	Heavy Clay	12	0	0	N2-0.2-0.3	Medium Clay				N3-0.2-0.3	Medium Clay			
	N1-0.5-0.6	Heavy Clay	12	0	0	N2-0.5-0.6	Medium Clay				N3-0.5-0.6	Medium Clay			
	N1-0.8-0.9	Heavy Clay	12	0	0	N2-0.8-0.9	Medium Clay				N3-0.8-0.9	Medium Clay			
	N1-0.9-1.0	Heavy Clay	12	100	120	N2-0.9-1.0	Medium Clay	12	100	120	N3-0.9-1.0	Medium Clay	12	100	120
					100	120				100	120				100

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9	N12-0.0-0.1	CL	8	10	8	N13-0.0-0.1	SCL	6	10	6	N14-0.0-0.1	SL	5	10	5
	N12-0.2-0.3	LC	10	20	20	N13-0.2-0.3	LMC	10	20	20	N14-0.2-0.3	MC	12	20	24
	N12-0.5-0.6	MC	12	30	36	N13-0.5-0.6	MC	12	30	36	N14-0.5-0.6	LMC			
	N12-0.8-0.9	LMC				N13-0.8-0.9	LMC	10	30	30	N14-0.8-0.9	LMC	10	60	60
	N12-0.9-1.0	LMC	10	40	40	N13-0.9-1.0	MC	12	10	12	N14-0.9-1.0	MC	12	10	12
					100	104				100	104				100

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10	65-0.0-0.1	Silty Clay	10	10	10	N29-SCL-0.0-0.10	LMC				N30-SCL-0.0-0.1	LMC			
	65-0.2-0.3	Silty Clay	10	20	20	N29-SCL-0.2-0.3	LC				N30-SCL-0.2-0.3	LC			
	65-0.5-0.6	Silty Clay	10	30	30	N29-SCL-0.5-0.6	LC	10	60	60	N30-SCL-0.5-0.6	LC			
	65-0.8-0.9	Medium Clay				N29-SCL-0.8-0.9	MC	12	30	36	N30-SCL-0.8-0.9	LMC			
	65-0.9-1.0	Medium Clay	12	40	48	N29-SCL-0.9-1.0	LMC	10	10	10	N30-SCL-0.9-1.0	LC	10	100	100
				100	108				100	106				100	100

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11	N31-SCL-0.0-0.1	LMC				N32-SCL-0.0-0.1	LC				N33-SCL-0.0-0.1	LMC			
	N31-SCL-0.2-0.3	LMC	10	30	30	N32-SCL-0.2-0.3	LMC				N33-SCL-0.2-0.3	LC	10	30	30
	N31-SCL-0.5-0.6	MC				N32-SCL-0.5-0.6	LMC	10	60	60	N33-SCL-0.5-0.6	MC			
	N31-SCL-0.8-0.9	MC				N32-SCL-0.8-0.9	MC				N33-SCL-0.8-0.9	MC			
	N31-SCL-0.9-1.0	MC	12	70	84	N32-SCL-0.9-1.0	MC	12	40	48	N33-SCL-0.9-1.0	MC	12	70	84
				100	114				100	108				100	114

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12	N45-SCL-0.0-0.05	CL	8	5	4	N28-SCL-0.0-0.05					N43-SCL-0.0-0.1						
	N45-SCL-0.25-0.3	LC	10	25	25	N28-SCL-0.2-0.3					N43-SCL-0.2-0.3						
	N45-SCL-0.5-0.6	MC	12	30	36	N28-SCL-0.5-0.6	No assessment required due to pH exceedance >8.9					N43-SCL-0.5-0.6	No assessment required due to pH exceedance >8.9				
	N45-SCL-0.8-0.9	LMC	10	30	30	N28-SCL-0.8-0.9					N43-SCL-0.8-0.9						
	N45-SCL-0.9-1.0	MC	12	10	12	N28-SCL-0.9-1.0					N43-SCL-0.9-1.0						
				100	107				0	0				0	0		

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13	N23-0.0-0.1					N24-0.0-0.1					N25-0.0-0.1				
	N23-0.2-0.3					N24-0.2-0.3	No assessment required due to pH exceedance >8.9								

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14	10-0.0-0.1	Sandy Loam	5	10	5	N41-SCL-0.0-0.1	SCL	6	10	6	N42-SCL-0.0-0.1	SL	5	10	5
	10-0.2-0.3	Loam	6	20	12	N41-SCL-0.2-0.3	SC	10	20	20	N42-SCL-0.2-0.3	LC			0
	10-0.5-0.6	Clay Loam		0		N41-SCL-0.5-0.6	CL	8	30	24	N42-SCL-0.5-0.6	LC			0
	10-0.7-0.8	Clay Loam		0		N41-SCL-0.8-0.9	SL	5	30	15	N42-SCL-0.8-0.9	LC			0
	10-0.9-1.0	Clay Loam	8	70	56	N41-SCL-0.9-1.0	LC	10	10	10	N42-SCL-0.9-1.0	LC	10	90	90
				100	73				100	75				100	95

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15	N38-SCL-0.0-0.1	LMC				N39-SCL-0.0-0.1	LMC	10	10	10	N40-SCL-0.0-0.1	LMC			
	N38-SCL-0.2-0.3	LMC				N39-SCL-0.2-0.3	MC	12	20	24	N40-SCL-0.2-0.3	LC			
	N38-SCL-0.5-0.6	LC				N39-SCL-0.5-0.6	LC <35%	10	30	30	N40-SCL-0.5-0.6	LMC	10	60	60
	N38-SCL-0.8-0.9	LC				N39-SCL-0.8-0.9	MC	12	30	36	N40-SCL-0.8-0.9	MC			
	N38-SCL-0.9-1.0	LMC	10	100	100	N39-SCL-0.9-1.0	LC	10	10	10	N40-SCL-0.9-1.0	MC	12	40	48
				100	100				100	110				100	108

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16	102-SCL-D-0.0-0.1	MC				102-SCL-M-0.0-0.1	SC	8	10	8	103-SCL-D-0.0-0.1	MC			
	102-SCL-D-0.2-0.3	MMHC				102-SCL-M-0.2-0.3	LC			0	103-SCL-D-0.2-0.3	MC			
	102-SCL-D-0.5-0.6	MHC				102-SCL-M-0.5-0.6	LMC	10	50	50	103-SCL-D-0.5-0.6	MC			
	102-SCL-D-0.8-0.9	MHC				102-SCL-M-0.83-0.9	MC			0	103-SCL-D-0.8-0.9	MC			
	102-SCL-D-0.9-1.0	MHC	12	100	120	102-SCL-M-0.9-1.0	MC	12	40	48	103-SCL-D-0.9-1.0	MC	12	100	120
				100	120				100	106				100	120

Sample	PSA Texture	Texture (mm)	Horizon depth (mm)	Total SWS (mm)	Sample	PSA Texture	Texture (mm)	Horizon depth (mm)	Total SWS (mm)	Sample	PSA Texture	Texture (mm)	Horizon depth (mm)	Total SWS (mm)	
103-SCL-M-0.0-0.1	LC				5-SCL-M-0.0-0.1	MC				5-SCL-D-0.0-0.1	MC				
103-SCL-M-0.2-0.3	LC				5-SCL-M-0.2-0.3	MC				5-SCL-D-0.2-0.3	MHC				
103-SCL-M-0.5-0.6	LC				5-SCL-M-0.5-0.6	MC				5-SCL-D-0.5-0.6	MHC				
103-SCL-M-0.8-0.9	LC				5-SCL-M-0.8-0.9	MHC				5-SCL-D-0.8-0.9	HC				
103-SCL-M-0.9-1.0	LC	10	100	100	5-SCL-M-0.9-1.0	MHC	12	100	120	5-SCL-D-0.9-1.0	HC	12	100	120	
				100	100				100	120				100	120

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17	4-0.0-0.1	Medium Clay		0		110-0.0-0.1	Light Clay	10	10	10	115-0.0-0.1	Clay loam	8	10	8
	4-0.2-0.3	Medium Clay		0		110-0.2-0.3	Medium Clay				115-0.2-0.3	Light Clay	10	20	20
	4-0.5-0.6	Medium Clay		0		110-0.5-0.6	Medium Clay				115-0.5-0.6	Medium Clay	12	30	36
	4-0.7-0.8	Medium Clay	12	80	96	110-0.7-0.8	Medium Clay	12	70	84	115-0.8-0.9	Light Clay	10	30	30
	4-0.9-1.0	Silty clay loam	8	20	16	110-0.9-1.0	Loam	6	20	12	115-0.9-1.0	Medium Clay	12	10	12
				100	112				100	106				100	106