

SECTION 3 – MAP UNIT CAPABILITY ANALYSIS

This section gives details of the capability analysis for each component, i.e. each mapping unit. The physical characteristics of each component as described in Section 1: Land Inventory, are sieved through the capability system for land based recreation and related activities, the details of which are given in Appendix I.

Capability Assessment for Land Based Recreation and Related Activities Analysis of Limitations

Map Unit 1: Steep Slopes and Ridges

Activity										
Criterion	Camp Sites	Paths & Trails	Road, Parking Lots	Intensive Use Areas	Golf Course Fairways	Permanent Water Bodies	Equestrian Activities (Dressage, agistment)	Motor Bike Trails	Service Buildings	On Site Septic Effluent Disposal
Slope	SEV	SEV	SEV	SEV	SEV	SEV	SEV	SEV	SEV	SEV
Flood hazard	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Site drainage (GWT)	SLT	SLT	SLT	SLT	SLT	SEV	SLT	SLT	SLT	SLT
Profile permeability	SLT	SLT	SLT	SLT	SLT	MOD	SLT	SLT	SLT	SLT
A horizon texture	SLT	SLT	*/	SLT	SLT	MOD	SLT	SEV	*/	SLT
									L-SCAPE SLT	
A horizon structure	MOD	MOD	*/	MOD	MOD	SL	MOD	SEV	*/	MOD
									L-SCAPE SLT	
B horizon aggregate stability	SLT	SLT	SLT	SLT	SLT	SLT	SLT	SLT	SLT	SLT
Soil depth	SEV	SEV	SEV	SEV	MOD	SEV	SEV	SEV	SEV	SEV
Outcropping rock	SLT	SLT	MOD	MOD	SLT	SLT	SLT	SLT	MOD	SLT
Stones and gravel	MOD	MOD	SLT	MOD	SLT	SLT	MOD	SLT	SLT	MOD

*/ Denotes characteristics not related to activity.

Capability Assessment for Land Based Recreation and Related Activities Analysis of Limitations

Map Unit 2: Gentle Crests

Activity	Camp Sites	Paths & Trails	Road, Parking Lots	Intensive Use Areas	Golf Course Fairways	Permanent Water Bodies	Equestrian Activities (Dressage, agistment)	Motor Bike Trails	Service Buildings	On Site Septic Effluent Disposal
Criterion										
Slope	SL	SL	SL	MOD	SL	MOD	SL	SL	SL	SL
Flood hazard	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Site drainage (GWT)	MOD	SL	SL	MOD	SL	MOD	MOD	MOD	SL	MOD
Profile permeability	SL	SL	SL	SL	SL	MOD	SL	SL	SL	SL
A horizon texture	SL	SL	*/	SL	SL	MOD	SL	SEV	*/ L-SCAPE SLT	SL
A horizon structure	MOD	MOD	*/	MOD	SL	SL	MOD	SEV	*/ L-SCAPE SLT	MOD
B horizon aggregate stability	SL	MOD	SL	SL	SL	SL	SL	MOD	SL	MOD
Soil depth	SL	SL	SL	SL	SL	MOD	SL	SL	SL	SL
Outcropping rock	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
Stones and gravel	MOD	MOD	SL	MOD	SL	SL	MOD	SL	SL	MOD

*/ Denotes characteristics not related to activity

Capability Assessment for Land Based Recreation and Related Activities Analysis of Limitations

Map Unit 3: Moderate Slopes

Activity										
Criterion	Camp Sites	Paths & Trails	Road, Parking Lots	Intensive Use Areas	Golf Course Fairways	Permanent Water Bodies	Equestrian Activities (Dressage, agistment)	Motor Bike Trails	Service Buildings	On Site Septic Effluent Disposal
Slope	SEV	MOD	MOD	SEV	MOD	SEV	MOD	MOD	MOD	MOD
Flood hazard	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Site drainage (GWT)	MOD	SL	SL	MOD	SL	MOD	MOD	MOD	SL	MOD
Profile permeability	MOD	MOD	MOD	MOD	SL	SL	SL	MOD	SL	MOD
A horizon texture	SL	SL	*/	SL	SL	MOD	SL	SEV	*/	SL
									L-SCAPE SLT	
A horizon structure	MOD	MOD	*/	MOD	SL	SL	MOD	SEV	*/	MOD
									L-SCAPE SLT	
B horizon aggregate stability	SL	MOD	SL	SL	SL	SL	SL	MOD	SL	MOD
Soil depth	SL	SL	SL	SL	SL	MOD	SL	SL	SL	SL
Outcropping rock	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
Stones and gravel	MOD	MOD	SL	MOD	SL	SL	MOD	SL	SL	MOD

*/ Denotes characteristics not related to activity

Capability Assessment for Land Based Recreation and Related Activities Analysis of Limitations

Map Unit 4: Drainage Lines

Activity	Camp Sites	Paths & Trails	Road, Parking Lots	Intensive Use Areas	Golf Course Fairways	Permanent Water Bodies	Equestrian Activities (Dressage, agistment)	Motor Bike Trails	Service Buildings	On Site Septic Effluent Disposal
Criterion										
Slope	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
Flood hazard	MOD	SL	MOD	MOD	SL	SL	MOD	SL	SEV	SEV
Site drainage (GWT)	SEV	MOD	MOD	SEV	MOD	SL	SEV	SEV	MOD	SEV
Profile permeability	MOD	MOD	MOD	MOD	SL	SL	SL	MOD	SL	MOD
A horizon texture	SL	SL	*/	SL	SL	SL	SL	MOD	*/	SL
A horizon structure	SL	SL	*/	SL	SL	SL	SL	MOD	*/	SL
B horizon aggregate stability	SL	MOD	SL	SL	SL	SL	SL	MOD	SL	MOD
Soil depth	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
Outcropping rock	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
Stones and gravel	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL

*/ Denotes characteristics not related to activity

Capability Assessment for Land Based Recreation and Related Activities Analysis of Limitations

Map Unit 5: Upper Terrace – Surface

Activity										
Criterion	Camp Sites	Paths & Trails	Road, Parking Lots	Intensive Use Areas	Golf Course Fairways	Permanent Water Bodies	Equestrian Activities (Dressage, agistment)	Motor Bike Trails	Service Buildings	On Site Septic Effluent Disposal
Slope	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
Flood hazard	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Site drainage (GWT)	MOD	SL	SL	MOD	SL	MOD	MOD	MOD	SL	MOD
Profile permeability	SL	SL	SL	SL	SL	MOD	SL	SL	SL	SL
A horizon texture	SL	SL	*/	SL	SL	MOD	SL	SEV	*/ L-SCAPE SLT	SL
A horizon structure	MOD	MOD	*/	MOD	MOD	SL	MOD	SEV	*/ L-SCAPE SLT	MOD
B horizon aggregate stability	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
Soil depth	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
Outcropping rock	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
Stones and gravel	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL

*/ Denotes characteristics not related to activity

Capability Assessment for Land Based Recreation and Related Activities Analysis of Limitations

Map Unit 6: Upper Terrace – Slope

Activity	Camp Sites	Paths & Trails	Road, Parking Lots	Intensive Use Areas	Golf Course Fairways	Permanent Water Bodies	Equestrian Activities (Dressage, agistment)	Motor Bike Trails	Service Buildings	On Site Septic Effluent Disposal
Criterion										
Slope	MOD	SL	MOD	MOD	SL	SEV	MOD	SL	MOD	SL
Flood hazard	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Site drainage (GWT)	SEV	MOD	MOD	SEV	MOD	SL	SEV	SEV	MOD	SEV
Profile permeability	SL	SL	SL	SL	SL	MOD	SL	SL	SL	SL
A horizon texture	SL	SL	*/	SL	SL	MOD	SL	SEV	*/	SL
									L-SCAPE SLT	
A horizon structure	SL	SL	*/	SL	SL	SL	SL	MOD	*/	SL
									L-SCAPE SLT	
B horizon aggregate stability	SL	MOD	SL	SL	SL	SL	SL	MOD	SL	MOD
Soil depth	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
Outcropping rock	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
Stones and gravel	MOD	MOD	SL	MOD	SL	SL	MOD	SL	SL	MOD

*/ Denotes characteristics not related to activity

Capability Assessment for Land Based Recreation and Related Activities Analysis of Limitations

Map Unit 7: Lower Terrace

Activity	Camp Sites	Paths & Trails	Road, Parking Lots	Intensive Use Areas	Golf Course Fairways	Permanent Water Bodies	Equestrian Activities (Dressage, agistment)	Motor Bike Trails	Service Buildings	On Site Septic Effluent Disposal
Criterion										
Slope	SL/MOD	SL	SL	SL	SL	SL	SL	SL	SL	SL/MOD
Flood hazard	SEV	MOD	MOD	MOD	MOD	MOD	SEV	MOD	SEV	SEV
Site drainage (GWT)	SL/SEV	SL/SEV	SL/SEV	SL/SEV	SL/MOD	SL/MOD	SL/SEV	SL/SEV	SL/SEV	SL/SEV
Profile permeability	SL/SEV	SL/SEV	SL/SEV	SL/SEV	SL/SEV	SL/MOD	SL/MOD	SL/SEV	SL/SEV	SL/SEV
A horizon texture	SL/MOD	SL	*/	SL/MOD	SL	SL/MOD	SL/MOD	MOD	*/CONSTR L-SCAPE SLT	SL
A horizon structure	SL	SL	*/	SL	SL	SL/MOD	SL	MOD/SEV	*/CONSTR L-SCAPE SLT	SL
B horizon aggregate stability	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
Soil depth	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
Outcropping rock	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
Stones and gravel	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL

*/ Denotes characteristics not related to activity

Capability Assessment for Land Based Recreation and Related Activities Analysis of Limitations

Map Unit 9: Billabongs

Activity										
Criterion	Camp Sites	Paths & Trails	Road, Parking Lots	Intensive Use Areas	Golf Course Fairways	Permanent Water Bodies	Equestrian Activities (Dressage, agistment)	Motor Bike Trails	Service Buildings	On Site Septic Effluent Disposal
Slope	MOD	SL	SL	SL	SL	SL	SL	SL	SL	MOD
Flood hazard	SEV	SEV	SEV	SEV	SEV	SL	SEV	SEV	SEV	SEV
Site drainage (GWT)	SEV	SEV	SEV	SEV	MOD	SL	SEV	SEV	SEV	SEV
Profile permeability	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
A horizon texture	SL	SL	*/	SL	SL	SL	SL	MOD	*/	SL
A horizon structure	SL	SL	*/	SL	SL	SL	SL	MOD	*/	SL
B horizon aggregate stability	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
Soil depth	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
Outcropping rock	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL
Stones and gravel	SL	SL	SL	SL	SL	SL	SL	SL	SL	SL

*/ Denotes characteristics not related to activity

