

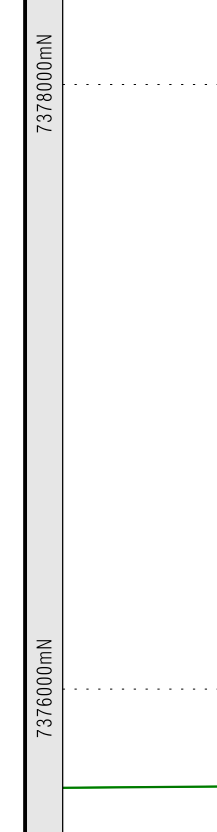
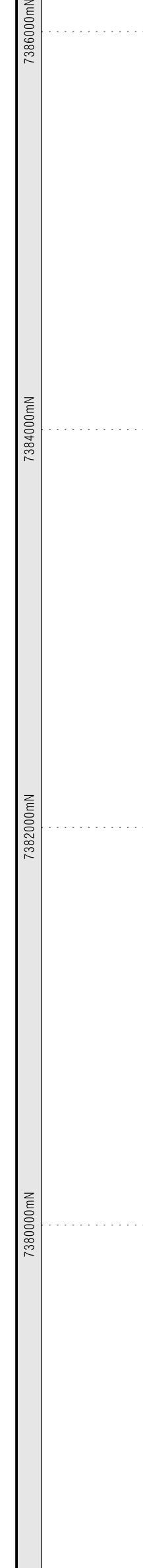
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LAND UNIT DESCRIPTIONS

RISES	RISES CONTINUED
2.04	Undulating vertical to near vertical rock walls and cliffs; slopes > 100%. Very shallow Rudisili. Isolated trees of <i>Acacia aneura</i> and <i>Casuarina glaucoxyloides</i> over isolated trees and grasses including <i>Eucalyptus muelleri</i> , <i>Corymbora speciosa</i> and <i>Psidium guajacum</i> .
2.05	Steep to very steep crater rims forming part of the Heavey Range; relief generally > 300m with slopes 40-50%. Very shallow Rudisili; soil is restricted to areas between large rock fragments. <i>Fuchsia procera</i> open hummock grassland with <i>Cenchrus ciliatus</i> and other grasses and forb spp. and isolated <i>Acacia aneura</i> and <i>Acacia kempeana</i> .
2.06	Low hill crests and rolling flats (Gilbert Member Dolomite); slopes are approx. 10-20m; relief approx. 10-20m; runoff and drainage are both rapid and permeable to moderate. Very shallow Rudisili; <i>Acacia aneura</i> and <i>Acacia kempeana</i> over annual and perennial grasses including <i>Cenchrus ciliatus</i> , <i>Psidium guajacum</i> and <i>Scoloparia laevis</i> .
2.07	Steep rise of limestone (Heavey Range Dolomite); slopes are approx. 100m; relief approx. 10-20m; runoff and drainage are both rapid and permeable to moderate. Very shallow Rudisili; <i>Acacia aneura</i> and <i>Acacia kempeana</i> over annual and perennial grasses including <i>Cenchrus ciliatus</i> , <i>Psidium guajacum</i> and <i>Scoloparia laevis</i> .
2.08	Rolling rise (Emily Gap sector); rapid runoff following a rain-on-slope down-slope path. High permeability and rapidly drained. Very shallow Rudisili; <i>Acacia aneura</i> and <i>Acacia kempeana</i> over annual and perennial grasses including <i>Cenchrus ciliatus</i> , <i>Psidium guajacum</i> and <i>Azaraea parviflora</i> .
2.09	Undulating rise with elevations of 80m and relief of about 10m forming a typical dome landscape pattern; rapid drainage and permeability with very little runoff. Tensoid. <i>Fuchsia procera</i> open hummock grassland with isolated shrubs including <i>Acacia aneura</i> and <i>Acacia kempeana</i> .
2.10	Rugged outcrops of magnesian/limestone rock providing undulating rise; rapid permeability and drainage; rapid runoff; 8% slope and 80% subtropical exposure. Very shallow Rudisili; isolated shrubs including <i>Acacia kempeana</i> over sparse or isolated grasses and forbs including <i>Cenchrus ciliatus</i> , <i>Diplazium australe</i> and <i>Psidium guajacum</i> (not observed).
2.11	Low undulating rise (Leslie Gap Outcrop); relief of 20m; slopes to 30%; rapid runoff. High permeability and rapid drainage. Very shallow Rudisili; <i>Acacia kempeana</i> , <i>Acacia aneura</i> , <i>Acacia kempeana</i> and <i>Senna artemisioides</i> subsp. <i>artemisioides</i> over sparse grassland.
2.12	Moderately undulating upper wash slopes of siliceous material; relief of 20m; slopes 10-20%; rapid runoff. Moderately permeable and moderately well drained. Shallow Rudisili; <i>Acacia aneura</i> var. <i>aneura</i> woodland over forbs and sparse grasses.
2.13	Steep strike ridge hills of the Moraine Sandstone from broken range trending east-west; jointing and fractures enable rapid runoff; steeply eroded; maximum relief up to 100m and slopes to 50%. Very shallow Rudisili; <i>Acacia aneura</i> and <i>Acacia kempeana</i> over woodland with <i>Cenchrus ciliatus</i> and <i>Cenchrus ciliatus</i> tussock grassland understorey.
2.14	Steeply eroded strike ridge hills; slopes > 30% with relief to 100m; high permeability; rapid drainage and very rapid runoff. Very shallow Rudisili; isolated box shrubs including <i>Acacia vicicosa</i> subsp. <i>vicicosa</i> and grasses including <i>Cenchrus ciliatus</i> and <i>Distichlis spicata</i> .
2.15	Steeply eroded strike ridge hills; slopes > 30% with relief to 100m; high permeability; rapid drainage and very rapid runoff. Very shallow Rudisili; isolated box shrubs including <i>Acacia vicicosa</i> subsp. <i>vicicosa</i> and grasses including <i>Cenchrus ciliatus</i> and <i>Distichlis spicata</i> .
2.16	Steeply eroded strike ridge hills; slopes > 30% with relief to 100m; high permeability; rapid drainage and very rapid runoff. Very shallow Rudisili; isolated box shrubs including <i>Acacia vicicosa</i> subsp. <i>vicicosa</i> and grasses including <i>Cenchrus ciliatus</i> and <i>Distichlis spicata</i> .
2.17	Steeply eroded strike ridge hills; slopes > 30% with relief to 100m; high permeability; rapid drainage and very rapid runoff. Very shallow Rudisili; isolated box shrubs including <i>Acacia vicicosa</i> subsp. <i>vicicosa</i> and grasses including <i>Cenchrus ciliatus</i> and <i>Distichlis spicata</i> .
2.18	Steeply eroded strike ridge hills; slopes > 30% with relief to 100m; high permeability; rapid drainage and very rapid runoff. Very shallow Rudisili; isolated box shrubs including <i>Acacia vicicosa</i> subsp. <i>vicicosa</i> and grasses including <i>Cenchrus ciliatus</i> and <i>Distichlis spicata</i> .
2.19	Steeply eroded strike ridge hills; slopes > 30% with relief to 100m; high permeability; rapid drainage and very rapid runoff. Very shallow Rudisili; isolated box shrubs including <i>Acacia vicicosa</i> subsp. <i>vicicosa</i> and grasses including <i>Cenchrus ciliatus</i> and <i>Distichlis spicata</i> .
2.20	Steeply eroded strike ridge hills; slopes > 30% with relief to 100m; high permeability; rapid drainage and very rapid runoff. Very shallow Rudisili; isolated box shrubs including <i>Acacia vicicosa</i> subsp. <i>vicicosa</i> and grasses including <i>Cenchrus ciliatus</i> and <i>Distichlis spicata</i> .

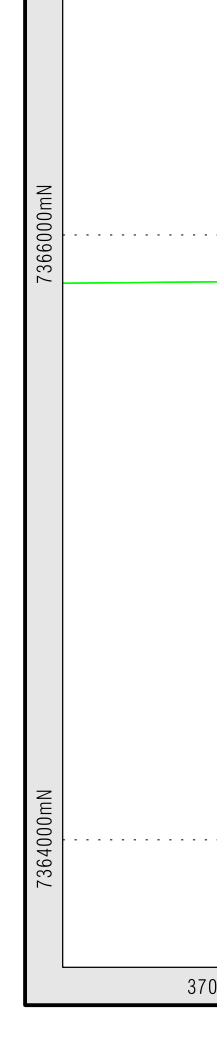
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GENERAL FEATURES
Land unit boundary
Highway
Main Road/Urban
Minor Road/Urban
Concretions areas
Gas pipeline
Local road sealed
Local road unsealed

GENERAL FEATURES DATA SOURCES
Cadastral roads, cadastral names: Department of Infrastructure, Planning and Logistics
Public: Department of Environment, Parks and Water Security
Northern Territory of Australia
Drainage names: Commonwealth of Australia (Bureau of Meteorology 2016)



LAND UNIT DESCRIPTIONS

UNDOLYA	UNDOLYA
2.21	Low undulating plain with quartz rhyolite outcrops; relief generally up to 10m wide and up to 100m long; slopes about 10% with 5-8m runoff; generally rapid and high permeability and moderately drained. Moderately deep Red Brown-Dolomite Tensoid. <i>Acacia aneura</i> and <i>Acacia kempeana</i> over annual and perennial grasses including <i>Cenchrus ciliatus</i> and <i>Cenchrus ciliatus</i> .
2.22	Low undulating plain with quartz rhyolite outcrops; relief generally up to 10m wide and up to 100m long; slopes about 10% with 5-8m runoff; generally rapid and high permeability and moderately drained. Moderately deep Red Brown-Dolomite Tensoid. <i>Acacia aneura</i> and <i>Acacia kempeana</i> over annual and perennial grasses including <i>Cenchrus ciliatus</i> and <i>Cenchrus ciliatus</i> .
2.23	Low undulating plain with quartz rhyolite outcrops; relief generally up to 10m wide and up to 100m long; slopes about 10% with 5-8m runoff; generally rapid and high permeability and moderately drained. Moderately deep Red Brown-Dolomite Tensoid. <i>Acacia aneura</i> and <i>Acacia kempeana</i> over annual and perennial grasses including <i>Cenchrus ciliatus</i> and <i>Cenchrus ciliatus</i> .
2.24	Low undulating plain with quartz rhyolite outcrops; relief generally up to 10m wide and up to 100m long; slopes about 10% with 5-8m runoff; generally rapid and high permeability and moderately drained. Moderately deep Red Brown-Dolomite Tensoid. <i>Acacia aneura</i> and <i>Acacia kempeana</i> over annual and perennial grasses including <i>Cenchrus ciliatus</i> and <i>Cenchrus ciliatus</i> .
2.25	Low undulating plain with quartz rhyolite outcrops; relief generally up to 10m wide and up to 100m long; slopes about 10% with 5-8m runoff; generally rapid and high permeability and moderately drained. Moderately deep Red Brown-Dolomite Tensoid. <i>Acacia aneura</i> and <i>Acacia kempeana</i> over annual and perennial grasses including <i>Cenchrus ciliatus</i> and <i>Cenchrus ciliatus</i> .
2.26	Low undulating plain with quartz rhyolite outcrops; relief generally up to 10m wide and up to 100m long; slopes about 10% with 5-8m runoff; generally rapid and high permeability and moderately drained. Moderately deep Red Brown-Dolomite Tensoid. <i>Acacia aneura</i> and <i>Acacia kempeana</i> over annual and perennial grasses including <i>Cenchrus ciliatus</i> and <i>Cenchrus ciliatus</i> .
2.27	Low undulating plain with quartz rhyolite outcrops; relief generally up to 10m wide and up to 100m long; slopes about 10% with 5-8m runoff; generally rapid and high permeability and moderately drained. Moderately deep Red Brown-Dolomite Tensoid. <i>Acacia aneura</i> and <i>Acacia kempeana</i> over annual and perennial grasses including <i>Cenchrus ciliatus</i> and <i>Cenchrus ciliatus</i> .
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SOIL TYPES

2.01	Calcarosols
2.02	Chromosols
2.03	Dermosols
2.04	Hydrisols
2.05	Kandosols
2.06	Rudisols
2.07	Tensoids
2.08	Unclassified
2.09	Survey site

VEGETATION TYPES

3.01	Woodland
3.02	Open woodland
3.03	Woodland
3.04	Shrubland
3.05	Grassland
3.06	Hummock grassland
3.07	Isolated trees
3.08	Isolated forbs
3.09	Survey site

Technical References: Department of Environment, Parks and Water Security, Land Assessment, Rangerland Division, Alice Springs, Northern Territory of Australia.



LAND RESOURCES OF THE ALICE SPRINGS AREA