

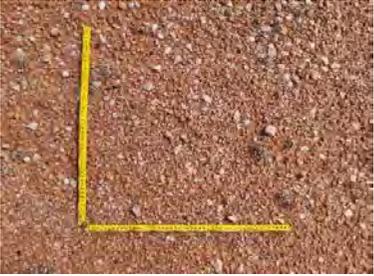
Site Information

Project 2211.24b	Date 13/06/2024	Scribe M.White	Location SP01	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Sparse (10-30%)		Aspect	Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Very sparse (0.2-10%)		Slope %	Rock Outcrop No rock outcrop	Erosion Type None evident	
Vegetation (species) triodia					Drainage (site) Moderately well-drained	Erosion Extent None evident	
Landform Open depression			Soil Surface Condition (dry) Soft		Land Use Grazing	Erosion State None evident	
Landscape Photo (North) 		Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab	
Landscape Photo (South) 		Landscape Photo (West) 		Other Photo 		Microrelief Type Vertical (m) Horizontal (m) Sampled	
Dominant Vegetation Photo 1		Dominant Vegetation Photo 2		Other Vegetation Photo		Other Information: Vegetstion is notably smaller in size than surrounding areas. Surface rock cover 10%, 6-20mm	

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)
A	0-100		Clear	Sandy Clay Loam	2.5yr 3/4			2-10 % 2-6 mm							0-100
B	100-250			Clay Loam, Sandy	2.5yr 3/6			20-50 % 6-20 mm							
Other information:															

Soil Profile Description

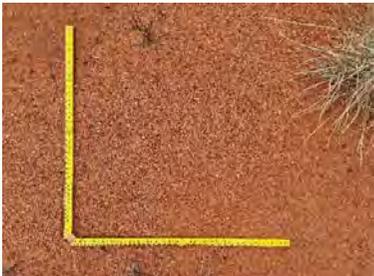
Project 2211.24b	Date 13/06/2024	Scribe M.White	Location SP02	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Sparse (10-30%)	Aspect		Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Very sparse (0.2-10%)	Slope %		Rock Outcrop	Erosion Type	
Vegetation (species)					Drainage (site)	Erosion Extent	
Landform			Soil Surface Condition (dry)		Land Use	Erosion State	
Landscape Photo (North) 		Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab	
Landscape Photo (South) 		Landscape Photo (West) 		Other Photo		Microrelief Type Vertical (m) Horizontal (m) Sampled	
Dominant Vegetation Photo 1 		Dominant Vegetation Photo 2 		Other Information: Area of less veg and smaller, than surrounding areas. Surface rock cover 50%, 6-20mm.			
Dominant Vegetation Photo 1		Dominant Vegetation Photo 2		Other Vegetation Photo			

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)		
A	0-100		Clear	Sandy Clay Loam	2.5yr 2.5/4		Not recorded	20-50 % 6-20 mm								0-100	
B	100-250			Sandy Clay Loam	10R 4/6			50-90 % 20-60 mm									NA

Other information: Depth of refusal 250mm due to increase in rock fraction. B horizon not sampled due to difficulty in digging of rocky material.

Soil Profile Description

Project 2211.24b	Date 13/06/2024	Scribe M.White	Location SP03	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Mid-dense (30-70%)	Aspect		Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Sparse (10-30%)	Slope %		Rock Outcrop No rock outcrop	Erosion Type None evident	
Vegetation (species) triodia					Drainage (site) Moderately well-drained	Erosion Extent None evident	
Landform Flat		Soil Surface Condition (dry) Firm		Land Use Grazing	Erosion State None evident		
Landscape Photo (North) 		Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab	
Landscape Photo (South) 		Landscape Photo (West) 		Other Photo		Microrelief Type Vertical (m) Horizontal (m) Sampled	
Dominant Vegetation Photo 1		Dominant Vegetation Photo 2		Other Vegetation Photo		Other Information: Surface rock cover less than 5%, 2-6mm.	

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)	
A	0-100			Clayey Sand	2.5yr 2.5/3			2-10 % 2-6 mm							0-100	
B	100-300			Sandy Loam	2.5yr 3/6			10-20 % 2-6 mm								200-300

Other information: Depth of refusal 300mm.

Soil Profile Description

Project 2211.24b	Date 13/06/2024	Scribe M.White	Location SP04	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Sparse (10-30%)		Aspect	Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Very sparse (0.2-10%)		Slope %	Rock Outcrop Slightly rocky	Erosion Type None evident	
Vegetation (species) trioidis					Drainage (site) Imperfectly drained	Erosion Extent None evident	
Landform Upper slope			Soil Surface Condition (dry) Firm		Land Use Grazing	Erosion State None evident	
Landscape Photo (North) 			Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab
Landscape Photo (South) 			Landscape Photo (West) 		Other Photo 		Microrelief Type Vertical (m) Horizontal (m) Sampled
Dominant Vegetation Photo 1 			Dominant Vegetation Photo 2		Other Vegetation Photo		Other Information: Surface rock cover 70%, 20-60mm.

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)		
A	0-100	No photo taken		Clayey Sand	5yr 3/4			2-10 % 6-20 mm								0-100	
B21	100-300			Clay Loam	7.5yr 5/4			2-10 % 2-6 mm									150-250
B22	300-400			Light Clay	7.5yr 7/3			2-10 % 2-6 mm									300-400
Other information: <div style="border: 1px solid black; height: 80px; margin-top: 5px;"></div>																	

Soil Profile Description

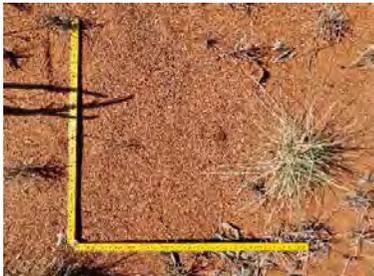
Project 2211.24b	Date 13/06/2024	Scribe M.White	Location SP05	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Mid-dense (30-70%)	Aspect		Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Sparse (10-30%)	Slope %		Rock Outcrop No rock outcrop	Erosion Type None evident	
Vegetation (species) triodia					Drainage (site) Moderately well-drained	Erosion Extent None evident	
Landform Flat		Soil Surface Condition (dry) Firm		Land Use Grazing	Erosion State None evident		
Landscape Photo (North) 		Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab	
Landscape Photo (South) 		Landscape Photo (West) 		Other Photo		Microrelief Type Vertical (m) Horizontal (m) Sampled	
Dominant Vegetation Photo 1		Dominant Vegetation Photo 2		Other Vegetation Photo		Other Information: Very limited surface rock cover.	

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)	
A	0-100		Clear	Clayey Sand	10r 3/6			2-10 % 2-6 mm							0-100	
B	100-300			Clay Loam	10r 4/6			10-20 % 6-20 mm								200-300

Other information:

Soil Profile Description

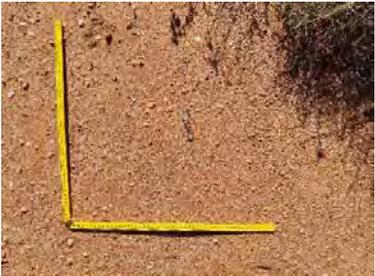
Project 2211.24b	Date 13/06/2024	Scribe M.White	Location SP06	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Mid-dense (30-70%)	Aspect		Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Sparse (10-30%)	Slope %		Rock Outcrop No rock outcrop	Erosion Type Water	
Vegetation (species) triodia					Drainage (site) Imperfectly drained	Erosion Extent Minor or present	
Landform Simple slope		Soil Surface Condition (dry) Firm		Land Use Grazing	Erosion State Partially stabilised		
Landscape Photo (North) 		Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab	
Landscape Photo (South) 		Landscape Photo (West) 		Other Photo 		Microrelief Type Vertical (m) Horizontal (m) Sampled	
Dominant Vegetation Photo 1		Dominant Vegetation Photo 2		Other Vegetation Photo		Other Information: Signs of past running water. Negligible surface rock cover.	

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)	
A	0-100		Clear	Loamy Sand		10r 3/4		2-10 % 6-20 mm							0-50	
B	100-250			Clayey Sand		10r 4/8		2-10 % 2-6 mm							150-250	

Other information: Depth of refusal 250m. Sandier than other similar red earths. B horizon is also a sand.

Soil Profile Description

Project 2211.24b	Date 12/06/2024	Scribe M.White	Location SP07	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Mid-dense (30-70%)	Aspect		Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Sparse (10-30%)	Slope %		Rock Outcrop No rock outcrop	Erosion Type Water	
Vegetation (species) triodia					Drainage (site) Moderately well-drained	Erosion Extent Minor or present	
Landform Flat		Soil Surface Condition (dry) Firm		Land Use Grazing	Erosion State Partially stabilised		
Landscape Photo (North) 		Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab	
Landscape Photo (South) 		Landscape Photo (West) 		Other Photo 		Microrelief Type Vertical (m) Horizontal (m) Sampled	
Dominant Vegetation Photo 1 		Dominant Vegetation Photo 2 		Other Vegetation Photo			
<p>Other Information: Water erosion on surface nearby. Rock covrr 10% 20-60..</p>							

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)	
A	0-100		Abrupt	Loamy Sand	5yr 3/4			2-10 % 2-6 mm							0-50	
B	100-200			Sandy Clay Loam	7.5yr 4/6			20-50 % 6-20 mm								150-200

Other information: Depth of refusal 200mm due to increased hardened gypsum like material.

Soil Profile Description

Project 2211.24b	Date 12/06/2024	Scribe M.White	Location SP08	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Mid-dense (30-70%)	Aspect		Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Sparse (10-30%)	Slope %		Rock Outcrop No rock outcrop	Erosion Type None evident	
Vegetation (species) triodia					Drainage (site) Moderately well-drained	Erosion Extent None evident	
Landform Flat		Soil Surface Condition (dry) Firm		Land Use Grazing	Erosion State None evident		
Landscape Photo (North) 		Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab	
Landscape Photo (South) 		Landscape Photo (West) 		Other Photo 		Microrelief Type Vertical (m) Horizontal (m) Sampled	
Dominant Vegetation Photo 1		Dominant Vegetation Photo 2		Other Information: No rock surface cover.			
Dominant Vegetation Photo 1		Dominant Vegetation Photo 2		Other Vegetation Photo			

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)	
A	0-100		Clear	Clayey Sand	2.5yr 3/6		2-10 % 2-6 mm								0-100	
B	100-300			Clay Loam	2.5yr 2.5/4		10-20 % 6-20 mm								200-300	
Other information:																

Soil Profile Description

Project 2211.24b	Date 12/06/2024	Scribe M.White	Location SP09	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Mid-dense (30-70%)	Aspect		Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Sparse (10-30%)	Slope %		Rock Outcrop No rock outcrop	Erosion Type Water (stream bank)	
Vegetation (species) triodia					Drainage (site) Imperfectly drained	Erosion Extent Minor or present	
Landform Closed depression			Soil Surface Condition (dry) Firm		Land Use Grazing	Erosion State Partially stabilised	
Landscape Photo (North) 			Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab Microrelief Type Vertical (m) Horizontal (m) Sampled Other Information: Undulating are on thr bank of a dry stream. Surface rock cover 70% 20-60mm.
Landscape Photo (South) 			Landscape Photo (West) 		Other Photo		
Dominant Vegetation Photo 1			Dominant Vegetation Photo 2		Other Vegetation Photo		

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)	
A	0-100		Clear	Clay Loam	10R 4/6			2-10 % 2-6 mm							0-50	
B	100-200			Light Clay	10R 5/6			2-10 % 2-6 mm								100-200
Other information:																

Soil Profile Description

Project 2211.24b	Date 12/06/2024	Scribe M.White	Location SP10	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Sparse (10-30%)	Aspect		Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Sparse (10-30%)	Slope %		Rock Outcrop No rock outcrop	Erosion Type Water	
Vegetation (species) Triodia					Drainage (site) Imperfectly drained	Erosion Extent Minor or present	
Landform Simple slope			Soil Surface Condition (dry) Firm		Land Use Grazing	Erosion State Partially stabilised	
Landscape Photo (North) 			Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab
Landscape Photo (South) 			Landscape Photo (West) 		Other Photo 		Microrelief Type Vertical (m) Horizontal (m)
Dominant Vegetation Photo 1 			Dominant Vegetation Photo 2 		Other Vegetation Photo		
							Sampled Other Information: Evidence of past running water. Negligible surface rock cover. Location moved due to access, still representative of original location.

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)	
A	0-100		Clear	Clayey Sand	2.5yr 3/3			<2 % 2-6 mm							0-50	
B	100-250			Clayey Sand	2.5yr 4/6			2-10 % 2-6 mm								150-250
Other information: 																

Soil Profile Description

Project 2211.24b	Date 12/06/2024	Scribe M.White	Location SP11	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Mid-dense (30-70%)	Aspect		Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Very sparse (0.2-10%)	Slope %		Rock Outcrop No rock outcrop	Erosion Type None evident	
Vegetation (species) Triodia					Drainage (site) Moderately well-drained	Erosion Extent None evident	
Landform Simple slope			Soil Surface Condition (dry) Soft		Land Use Grazing	Erosion State None evident	
Landscape Photo (North) 		Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab	
Landscape Photo (South) 		Landscape Photo (West) 		Other Photo		Microrelief Type Vertical (m) Horizontal (m) Sampled	
Dominant Vegetation Photo 1 		Dominant Vegetation Photo 2 		Other Information: Vegetation is noticeably smaller in size surrounding the inspection site are. Same species are larger in size in adjacent are, 5-10m away. Surface rock cover 50%, 20-60mm quartz.			
Dominant Vegetation Photo 1		Dominant Vegetation Photo 2		Other Vegetation Photo			

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)		
A	0-150			Clay Loam	2.5yr 4/6			20-50 % 6-20 mm								0-100	

Other information: Depth of refusal 150mm, due to abundance of rocks.

Soil Profile Description

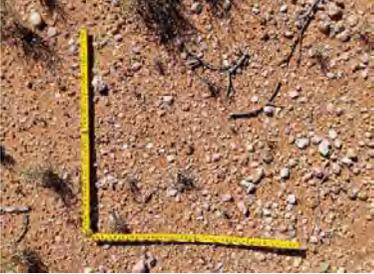
Project 2211.24b	Date 12/06/2024	Scribe M.White	Location SP12	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Mid-dense (30-70%)	Aspect	Northing/ Longitude	Scale	ASC Ground Truth	
Secondary Vegetation Form Woody		Ground Cover % Mid-dense (30-70%)	Slope %	Rock Outcrop Very slightly rocky	Erosion Type None evident		
Vegetation (species) Spinifex				Drainage (site) Moderately well-drained	Erosion Extent None evident		
Landform Simple slope		Soil Surface Condition (dry) Firm		Land Use Grazing	Erosion State None evident		
Landscape Photo (North) 		Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab	
Landscape Photo (South) 		Landscape Photo (West) 		Other Photo 		Microrelief Type Vertical (m) Horizontal (m) Sampled	
Dominant Vegetation Photo 1		Dominant Vegetation Photo 2		Other Information: Surface rock cover 10%. 2-6mm.			
Dominant Vegetation Photo 1		Dominant Vegetation Photo 2		Other Vegetation Photo 			

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)
A	0-100		Clear	Loamy Sand		10yr 3/3		2-10 % 2-6 mm							0-50
B	100-350				Sandy Clay Loam		2.5yr 4/8		2-10 % 2-6 mm						

Other information: Dug by shovel. depth of refusal 350mm. Area is gently sloping with a few rock outcrops.

Soil Profile Description

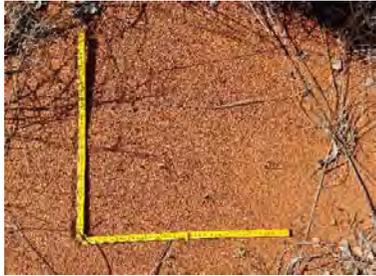
Project 2211.24b	Date 12/06/2024	Scribe M.White	Location SP13	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Mid-dense (30-70%)	Aspect		Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Sparse (10-30%)	Slope %		Rock Outcrop Slightly rocky	Erosion Type None evident	
Vegetation (species) Spinifex					Drainage (site) Moderately well-drained	Erosion Extent None evident	
Landform Simple slope			Soil Surface Condition (dry) Soft		Land Use Grazing	Erosion State None evident	
Landscape Photo (North) 		Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab	
Landscape Photo (South) 		Landscape Photo (West) 		Other Photo 		Microrelief Type Vertical (m) Horizontal (m) Sampled	
Dominant Vegetation Photo 1 		Dominant Vegetation Photo 2 		Other Vegetation Photo 		Other Information: Site moved due to access. Surface cover 30%, 20-60mm. Most surface rocks are quartz.	

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)		
A	0-50		Clear	Sandy Clay Loam	5yr 3/3			20-50 % 6-20 mm								0-50	
B	50-150			Sandy Clay Loam	5yr 6/6			10-20 % 2-6 mm									100-150

Other information: Shovel dug. Depth of refusal 150mm

Soil Profile Description

Project 2211.24b	Date 12/06/2024	Scribe M.White	Location SP14	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Mid-dense (30-70%)		Aspect	Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Sparse (10-30%)		Slope %	Rock Outcrop No rock outcrop	Erosion Type None evident	
Vegetation (species) Triodia					Drainage (site) Moderately well-drained	Erosion Extent None evident	
Landform Simple slope			Soil Surface Condition (dry) Firm		Land Use Grazing	Erosion State None evident	
Landscape Photo (North) 			Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab
Landscape Photo (South) 			Landscape Photo (West) 		Other Photo		Microrelief Type Vertical (m) Horizontal (m)
Dominant Vegetation Photo 1 			Dominant Vegetation Photo 2		Other Vegetation Photo		Sampled Other Information: Negligible surface rock cover.

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)	
A	0-100		Clear	Loamy Sand	2.5yr 2.5/3			2-10 % 2-6 mm							0-50	
B	100-200			Clayey Sand	2.5yr 4/6			2-10 % 2-6 mm								150-200

Other information: Depth of refusal 200mm. Site moved for accesibility.

Soil Profile Description

Project 2211.24b	Date 12/06/2024	Scribe M.White	Location SP15	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Dense (>70%)		Aspect	Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Mid-dense (30-70%)		Slope %	Rock Outcrop No rock outcrop	Erosion Type None evident	
Vegetation (species) triodia					Drainage (site) Moderately well-drained	Erosion Extent None evident	
Landform Flat		Soil Surface Condition (dry) Firm			Land Use Mining	Erosion State None evident	
Landscape Photo (North) 		Landscape Photo (East) 			Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab
Landscape Photo (South) 		Landscape Photo (West) 			Other Photo 		Microrelief Type Vertical (m) Horizontal (m) Sampled
Dominant Vegetation Photo 1		Dominant Vegetation Photo 2			Other Vegetation Photo		
<p>Other Information: Negligible surface rock cover. Site moved due to density of fegetation restricting vehicle access.</p>							

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)	
A	0-100	[Profile Photo Placeholder]	Clear	Clayey Sand	2.5yr 3/6			2-10 % 2-6 mm							0-100	
B	100-300			Sandy Clay Loam	2.5yr 4/6			2-10 % 2-6 mm							200-300	

Other information: Depth of refusal 300mm.

Soil Profile Description

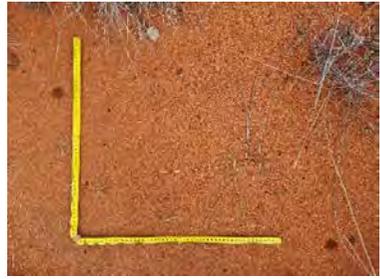
Project 2211.24b	Date 14/06/2024	Scribe M.White	Location OP01	Observation Soil pit		Easting/ Latitude	Zone	ASC Mapped		
Dominant Vegetation Form Non-woody		Ground Cover % Dense (>70%)		Aspect		Northing/ Longitude		Scale	ASC Ground Truth	
Secondary Vegetation Form Woody		Ground Cover % Sparse (10-30%)		Slope %		Rock Outcrop No rock outcrop		Erosion Type None evident		
Vegetation (species) triodia						Drainage (site) Well-drained		Erosion Extent None evident		
Landform			Soil Surface Condition (dry)			Land Use Grazing		Erosion State None evident		
Landscape Photo (North) 			Landscape Photo (East) 			Soil Surface Condition Photo 			Site Type Detailed + Sampled for Lab	
Landscape Photo (South) 			Landscape Photo (West) 			Other Photo			Microrelief	
Dominant Vegetation Photo 1 			Dominant Vegetation Photo 2 			Other Vegetation Photo 			Type	
									Vertical (m)	
									Horizontal (m)	
									Sampled	

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)	
A	0-100		Clear				<2 % 2-6 mm								0-100	
B	100-400						<2 % 2-6 mm								300-400	

Other information: Depth of refusal 400mm due to soil density.

Soil Profile Description

Project 2211.24b	Date 14/06/2024	Scribe M.White	Location OP02	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Dense (>70%)		Aspect	Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Sparse (10-30%)		Slope %	Rock Outcrop No rock outcrop	Erosion Type None evident	
Vegetation (species) Triodia					Drainage (site) Well-drained	Erosion Extent None evident	
Landform Flat		Soil Surface Condition (dry) Firm			Land Use Grazing	Erosion State None evident	
Landscape Photo (North) 		Landscape Photo (East) 			Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab
Landscape Photo (South) 		Landscape Photo (West) 			Other Photo		Microrelief Type Vertical (m) Horizontal (m) Sampled
Dominant Vegetation Photo 1 		Dominant Vegetation Photo 2 			Other Vegetation Photo 		Other Information: Negligible rock cover on surface. Dense vegetation.

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)	
A	0-100		Clear				<2 % 2-6 mm								0-100	
B	100-300						2-10 % 2-6 mm								200-300	
Other information:																

Soil Profile Description

Project 2211.24b	Date 14/06/2024	Scribe M.White	Location OP03	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped	
Dominant Vegetation Form Non-woody		Ground Cover % Dense (>70%)		Aspect	Northing/ Longitude		Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Sparse (10-30%)		Slope %	Rock Outcrop No rock outcrop		Erosion Type None evident	
Vegetation (species) Triodia					Drainage (site) Well-drained		Erosion Extent None evident	
Landform Flat		Soil Surface Condition (dry) Firm			Land Use Grazing		Erosion State None evident	
Landscape Photo (North) 		Landscape Photo (East) 			Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab	
Landscape Photo (South) 		Landscape Photo (West) 			Other Photo 		Microrelief Type Vertical (m) Horizontal (m) Sampled	
Dominant Vegetation Photo 1 		Dominant Vegetation Photo 2 			Other Vegetation Photo 		Other Information: Surface rock cover 5%, 2-6mm.	

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)
A	0-100							<2 % 2-6 mm							0-100
B	100-350							<2 % 2-6 mm							250-350
Other information:															

Soil Profile Description

Project 2211.24b	Date 14/06/2024	Scribe M.White	Location OP04	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Dense (>70%)		Aspect	Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Mid-dense (30-70%)		Slope %	Rock Outcrop No rock outcrop	Erosion Type None evident	
Vegetation (species) triodia, accacia					Drainage (site) Well-drained	Erosion Extent None evident	
Landform Flat		Soil Surface Condition (dry) Firm			Land Use Grazing	Erosion State None evident	
Landscape Photo (North) 		Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab	
Landscape Photo (South) 		Landscape Photo (West) 		Other Photo		Microrelief Type Vertical (m) Horizontal (m) Sampled	
Dominant Vegetation Photo 1 		Dominant Vegetation Photo 2 		Other Vegetation Photo 		Other Information: Surface rock cover 5% 6-20mm. Area with accacia shrubs	

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)	
A	0-100		Clear					<2 % 2-6 mm							0-100	
B1	100-350							2-10 % 2-6 mm								200-300
B2	350-500							2-10 % 6-20 mm								400-500

Other information: Depth of refusal 500mm. All visible horizons lack coarse fragments.

Soil Profile Description

Project 2211.24b	Date 14/06/2024	Scribe M.White	Location OP05	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Mid-dense (30-70%)	Aspect		Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Sparse (10-30%)	Slope %		Rock Outcrop Slightly rocky	Erosion Type None evident	
Vegetation (species) triodia					Drainage (site) Moderately well-drained	Erosion Extent None evident	
Landform Hillock		Soil Surface Condition (dry) Firm		Land Use Grazing	Erosion State None evident		
Landscape Photo (North) 		Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab	
Landscape Photo (South) 		Landscape Photo (West) 		Other Photo 		Microrelief Type Vertical (m) Horizontal (m) Sampled	
Dominant Vegetation Photo 1 		Dominant Vegetation Photo 2		Other Vegetation Photo			
Other Information: Surface rock cover 80%, 20-60mm.							

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)	
A	0-100						Not recorded	20-50 % 20-60 mm							0-100	
B	100-250							20-50 % 20-60 mm							200-250	

Other information: Rocky soils, depth of redusal 250mm due to hardrock.

Soil Profile Description

Project 2211.24b	Date 14/06/2024	Scribe M.White	Location OP06	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Dense (>70%)		Aspect	Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Sparse (10-30%)		Slope %	Rock Outcrop No rock outcrop	Erosion Type None evident	
Vegetation (species) triodia					Drainage (site) Moderately well-drained	Erosion Extent None evident	
Landform Lower slope			Soil Surface Condition (dry) Firm		Land Use Grazing	Erosion State None evident	
Landscape Photo (North) 			Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab
Landscape Photo (South) 			Landscape Photo (West) 		Other Photo 		Microrelief Type Vertical (m) Horizontal (m)
Dominant Vegetation Photo 1 			Dominant Vegetation Photo 2 		Other Vegetation Photo		Sampled Other Information: Surface rock cover 60%. 20-60mm

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)	
A	0-100						50-90 % 20-60 mm								0-100	
B	100-300							50-90 % 20-60 mm								200-300

Other information: Rocky soils. Depths of refusal 300mm due to rocky nature.

Soil Profile Description

Project 2211.24b	Date 14/06/2024	Scribe M.White	Location OP07	Observation Soil pit	Easting/ Latitude	Zone	ASC Mapped
Dominant Vegetation Form Non-woody		Ground Cover % Dense (>70%)	Aspect		Northing/ Longitude	Scale	ASC Ground Truth
Secondary Vegetation Form Woody		Ground Cover % Mid-dense (30-70%)	Slope %		Rock Outcrop Slightly rocky	Erosion Type None evident	
Vegetation (species) Triodia, accacia					Drainage (site) Moderately well-drained	Erosion Extent None evident	
Landform Lower slope			Soil Surface Condition (dry) Soft		Land Use Grazing	Erosion State None evident	
Landscape Photo (North) 			Landscape Photo (East) 		Soil Surface Condition Photo 		Site Type Detailed + Sampled for Lab
Landscape Photo (South) 			Landscape Photo (West) 		Other Photo		Microrelief Type Vertical (m) Horizontal (m) Sampled
Dominant Vegetation Photo 1 			Dominant Vegetation Photo 2 		Other Vegetation Photo		Other Information: Area containing weathered rock. Surface rock cover 70% 6-60mm

Soil Profile Description

Horizon	Depth (mm)	Profile Photo	Boundary	Texture	Moist Colour	Mottle (colour, abundance)	Segregations (abundance, nature)	Coarse fragments (abundance, size)	Structure (type)	Structure (grade)	Consistence (soil water status)	Roots (abundance, size)	pH	EC (dS/m)	Depth of Sample for Lab (mm)	
A	0-100							20-50 % 20-60 mm							0-100	
B	100-300							20-50 % 6-20 mm							200-300	
Other information:																

APPENDIX A – SOIL LOG SHEETS

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