EnergyCo

Central-West Orana Renewable Energy Zone Transmission project

Amendment Report

Appendix H: Aboriginal Cultural Heritage Assessment Report Addendum

March 2024

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Appendix D
Field investigation

EMM
creating opportunities

D.1 Identified Aboriginal sites

Table D.1 Surface Aboriginal sites identified during the field survey and test excavations

Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-AS71	Artefact scatter with potential archaeological deposit	Alluvial terrace	709464	6434652	Rerecording of previously identified site, identified on eroded scald adjacent to Sandy Creek. More artefacts were identified than during the previous survey (n=20+). Raw materials observed included chert and quartz. The site is approximately 50 m x 70 m. The appearance of more artefacts suggests artefacts are eroding in this location.		Valid
SNI-AS79	Artefact scatter	Plain	714054	6435715	Potential quartz single platform core with ring crack and bulb as well as a highly tentative axe head, likely natural material with plough damage. The latter was recorded as per RAP request. Artefacts located in the western portion of a ploughed paddock on the eastern side of a dirt track, likely in a secondary context approximately 500 m south-west of Laheys Creek where another AHIMS artefact scatter was previously recorded (#36-2-0222).		Valid
SNI-AS80	Artefact scatter	Alluvial terrace	714205	6436022	A high density open artefact scatter (>100) identified within a cropped paddock on the alluvial terrace on the western side of Laheys Creek (~170 m west of the creekline). Raw material types identified include rhyolite, quartz, and mudstone, with quartz artefacts being predominant. Artefacts identified include quartz flakes and a number of various cores, and were identified within a 50 m x 50 m area on the alluvial terrace. High subsurface archaeological potential was identified; however, the paddock has been clearly subject to ploughing over the years. In close proximity to SNI-AS79 (350 m south-west) and within 180 m west of Laheys Creek where another AHIMS artefact scatter was previously recorded (#36-2-0222).		Valid
SNI-AS81	Artefact scatter with potential archaeological deposit	Hillslope	714306	6436624	Artefact scatter containing at least two flakes identified on an erosion scald exposed by sheet wash. Artefacts identified include one large light grey flake, with two platforms and prominent bulb of percussion, and a singular smaller cream coloured flake. The artefacts were identified ~20 m apart. The area not investigated thoroughly as it is well outside the project area (incidentally located via access points), but high likelihood of further artefacts being present in this locale.		Valid

Table D.1 Surface Aboriginal sites identified during the field survey and test excavations

Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-AS82	Artefact scatter	Hillslope	734381	6431733	A low density artefact scatter (n=8) identified on a ploughed and cropped paddock, a significant distance from any reliable water (>300 m west). Artefacts identified include one broken quartz flake, two potential quartz core flakes, two small sandstone grinding plate fragments with polish, one large potential sandstone grinding plate fragment (no polish), one large complete silcrete flaked - cortex is weathered (patina), bifacial flake on dorsal side - and, one siltstone core flake with elongated negative scars. Soils here are skeletal, and no subsurface potential was identified. Visibility and exposure were low, and more artefacts in the vicinity is considered likely.		Valid
SNI-AS83	Artefact scatter	Hillslope	734473	6438694	A low density artefact scatter (n=4) including two quarts and two chert flakes identified on the eroded slope down to a small gully within a previously cleared open field. Due to the position on the banks of the eroded creekline, soils here are skeletal, and no subsurface potential was identified. Artefacts were identified within a 5 m x 10 m area on the hillslope. The site is located inside the Browns Creek focus area and is within 200 m of SNI-AS84 and SNI-IF69 which are just outside the construction corridor.		Valid
SNI-AS84	Artefact scatter	Hillcrest	734395	6438541	Four artefacts identified on a cattle track on a small hillcrest adjacent to Browns Creek, which is <50 m east. The surrounding area has been previously cleared and is likely used for grazing. Sheet wash has exposed these artefacts and resulted in skeletal soils in this locale, and no subsurface potential was identified. Artefacts identified include one chert flake, two chert flakes and an angular chert fragment. The site is approximately 20 m x 20 m, and is within 200 m of SNI-AS84 and SNI-IF69.		Valid

Table D.1 Surface Aboriginal sites identified during the field survey and test excavations

Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-AS85	Artefact scatter	Modified landform	740317	6441637	Two artefacts identified on an access track which leads to the homestead. One artefact was an orange/red mudstone flake, with fossilised leaf imprints on both sides; the other artefact was a grey silcrete core. The access track has been heavily disturbed (graded), and it is estimated that at least 200 mm of soil loss has occurred, with a compacted clay B horizon visible. Visibility and exposure were good on the access track, however there is potential for more surface artefacts to be hidden in the surrounding grasses where visibility is poor. The artefacts were identified within a 50 m stretch of the track.		Valid
SNI-AS86	Artefact scatter	Modified landform	740509	6441545	Two artefacts identified on modified 2nd order creekline (dammed), a tributary of White Creek. Artefacts identified include a quartz flake and potential silcrete flake, which was broken. Natural silcrete cobbles were observed in the vicinity of the artefacts. Dead livestock nearby prevented extensive investigation in this locale, but potentially more artefacts have been exposed during the construction of the dam.		Valid
SNI-AS87	Artefact scatter with potential archaeological deposit	Hillslope	772212	6446674	Several artefacts identified on the road verge (50 m in length) on south side of Neelys Lane, in proximity (<70 m) to second order ephemeral creek line to the east. Artefacts identified include five quartz flakes, one siltstone flake, a flaked quartz pebble core, a silcrete core, and a silcrete grindstone. Soils in this locale are sandy, though it is not determined if this is alluvial (moderate to high archaeological potential), or residual based on geology (low archaeological potential). One artefact was identified eroding from a cemented sandy exposure, and a silcrete core with a fossilised worm(?) was identified in area disturbed by a wombat hole.		Valid

Table D.1 Surface Aboriginal sites identified during the field survey and test excavations

Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-AS88	Artefact scatter	Plain	742497	6442647	Three artefacts identified within a 10 m x 10 m exposure on a grazing paddock (recently cropped), with no obvious permanent water source in the vicinity. Artefacts include a tentative grinding implement (muller?), specifically a smooth river rolled stone with potential negative scar removal. RAP mentioned that he had seen this style of artefact used in more rural desert areas. Other artefacts identified include two tentative flakes, one quartz and one quartzite. Exposure was high, as paddock had been recently cropped, but clearly highly disturbed by ploughing, with sandy clay soils.		Valid
SNI-AS89	Artefact scatter	Plain	742837	6443006	Five chert (grading on chalcedony) artefacts, three potential cores and two small flakes, identified on low rise of grazing paddock (recently cropped). Appear to be have been likely damaged and broken post discard. Artefacts were identified within a 20 m x 10 m area. Exposure was high, as paddock had been recently cropped, but clearly highly disturbed by ploughing, with sandy clay soils.		Valid
SNI-AS90	Artefact scatter	Plain	742924	6443073	Three artefacts identified within a 20 m x 10 m area on grazing paddock (recently cropped). Artefacts include two potential quartz cores, one retaining 20% cortex, and a single quartz flake. Exposure was high, as paddock had been recently cropped, but clearly highly disturbed by ploughing, with sandy clay soils.		Valid

Table D.1 Surface Aboriginal sites identified during the field survey and test excavations

Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-AS91	Artefact scatter and potential archaeological deposit	Hillcrest	745156	6442358	Extensive artefact scatter on gentle hillcrest by 4th order tributary to Cockabutta Creek, very close to confluence. Site has been ploughed extensively, visibility and exposure are high as a result. More than 200 artefacts were identified, and include quartz flakes and cores, IMT, chert and fine grained basalt flakes, and grinding plate fragments. Importantly, a small number of modified glass bottle bottoms were identified, indicating a post-contact site, as well as potential baked clay, and non-modified historic glass and ceramics. General locality floods in high rains, however the hillcrest on which the site is located remains dry. Artefacts appear to drop off considerably outside of immediate area, 100 m x 75 m. Some large cores found outside scatter extent, assumed to have been dispersed by tractor while ploughing. Artefact density estimated to be ~4–5/m^2. Stu Bowman (landowner) reported that his family has owned the property since 1827, and suggested the locale it would have been shepherds camp.		Valid
SNI-AS92	Artefact scatter		743189	6443046	Five artefacts identified on a 20 m stretch of fence line of a cropped paddock. In proximity to unsealed, heavily graded dirt road with introduced materials. Exposure was high, as paddock had been recently cropped, but clearly highly disturbed by ploughing, with sandy clay soils.		Valid
SNI-AS93	Artefact scatter	Plain	754353	6426942	A low density artefact scatter (n=4) identified north of test pits that had skeletal soils that indicate that there are no subsurface deposits. Two artefacts identified roughly three metres apart represent a conjoin. Another tuff artefact appears to be very weathered. The site is located within the Sportsmans Hollow Creek focus area (SNI-FA07) on an anthill in close proximity (<100 m) to three other recorded artefact sites.		Valid
SNI-AS94	Artefact scatter	Plain	754350	6426897	Nine artefacts identified on the edge of an ant hill within the Sportsmans Hollow Creek focus area (SNI-FA07). Artefacts include quartz, mudstone and basalt flakes. Site is located approximately 55 m west of the creek and in close proximity (<100 m) to three other recorded artefact sites. Test pits 20 m north of the site had skeletal soils which indicates that there are no subsurface deposits.		Valid

Table D.1 Surface Aboriginal sites identified during the field survey and test excavations

Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-AS95	Artefact scatter	Alluvial terrace	757501	6424455	Three artefacts, including potential tuff core, identified on washed out bank of Sportsman's Hollow Creek. Several potential culturally modified glass fragments were identified; however, this locale is also potentially the site of an old homestead, and the glass may have been discarded during the occupation and/or demolition of the house. Nearby test pits indicated skeletal soils, completely ploughed away. Artefacts were identified within a 100 m x 25 m area on the flat terrace adjacent to a deeply eroded creek gully.		Valid
SNI-AS96	Artefact scatter	Hillslope	757200	6424414	Two artefacts, a chert core and flake, located on bedrock atop a small rise that overlooks a floodplain. The site is located roughly 200 m west of Sportsmans Hollow Creek and 140 m south-west of the closest test pit (TP458). The location of the artefacts suggest a secondary deposition environment.		Valid
SNI-AS97	Artefact scatter	Hillslope	756727	6424903	Four potential quartz artefacts identified by a RAP on a small (5 m x 5 m) section of sheet wash within a shallow gully. The tentative milky quartz artefacts exhibit no typological features and have many inclusions, suggesting a poor quality quartz. There is no subsurface potential in the surrounding area as much of the topsoil appears to have eroded down the slopes. Three other isolated finds were recorded within 150 m of the site.		Valid
SNI-AS98	Artefact scatter	Modified landform	704460	6430005	Seven tentative quartz and silcrete flakes located on the northern and southern faces of a dam wall. The surrounding landscape has been heavily modified as the dam was constructed in the middle of an ephemeral creek bed that feeds into Prospect Creek. Nearby test pits recovered very little artefactual material. One test pit, located on the edge of the south-east corner of the dam, recovered five artefacts (TP17) artefacts, perhaps suggesting artefacts were disturbed during the construction of the dam.		Valid

Table D.1 Surface Aboriginal sites identified during the field survey and test excavations

Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-AS99	Artefact scatter	Plain	745667	6442155	A low density artefact scatter (n=6) consisting of high quality quartz and a single jasper flake in a drainage ditch on the south-eastern side of Birkalla Road. Two quartz flakes are snapped but show retouch on the lateral margin (similar to a Bondi Point). The site is located within 20 m of an excavated test pit transect focussing on Cockabutta Creek, none of which recovered sub-surface artefacts.		Valid
SNI-AS100	Artefact scatter	Hillslope	764800	6425628	Two quartz flakes identified on an exposure within a thinly wooded forest (likely replanted) 120 m south of Wilpinjong Creek. Both flakes have a bulb of percussion, platform and termination. The site was located 30 m south-east of a previously recorded AHIMS site (#36-3-0720).		Valid
SNI-AS101	Artefact scatter	Plain	762177	6427009	A medium density artefact scatter consisting of more than 30 flakes, cores and an axe head/hammerstone identified 100 m north of Bora Creek. There is evidence of cobbles across the surrounding area with the artefacts mainly made of mudstone/basalt, quartz and grey silcrete. whole site. The site is located along a fence line in close proximity north of the mine site and show evidence of heavy ground disturbance. It is unlikely that subsurface deposits remain and the surface artefacts are likely a result of previous earth moving.		Valid
SNI-CMT16	Culturally modified tree	Plain	744435	6442399	A potential culturally modified tree located approximately ~30 m south-west of SNI-CMT21. The tree is a dead eucalypt (species not certain) and has a circumference of 2.2 m. The scar measures 0.85 m x 0.13 m, and is 0.45 m from the ground. The tree exhibits possible lightning damage, and the scar has evident overgrowth.		Tentative
SNI-CMT17	Culturally modified tree	Plain	744688	6442238	A tentative culturally modified eucalyptus tree identified on a floodplain located approximately 20 m south-west of SNI-CMT18. The tree shows signs of an evident branch tear but was recorded as per RAP request. Diameter of one of the trees is ~4 m.		Tentative

Table D.1 Surface Aboriginal sites identified during the field survey and test excavations

Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-CMT 18	Culturally modified tree	Plain			A tentative culturally modified eucalyptus tree identified on a floodplain located approximately 20 m north-east of SNI-CMT17. The tree has evident overgrowth, measuring 0.6 m x 0.25 m with an overall diameter of roughly 2 m. All other surrounding vegetation has been previously cleared for agricultural purposes.		Tentative
SNI-CMT 19	Culturally modified tree	Plain	745346	6442172	A potential culturally modified tree located 170 m south of Cockabutta Creek and within 100 m of nearby test pits. The tree is a eucalyptus species that measures roughly 5 m in diameter. The scar (2.3 m x 0.4 m) has detached from the tree as it is on a lean but does not appear to have signs of termite damage.		Tentative
SNI-CMT 20	Culturally modified tree	Plain	713167	6435011	A tentative cultural scar identified on a eucalyptus tree in poor condition located adjacent east of Dapper Road. The north facing scar measures 0.9 m x 0.25 m, depth 200 mm, 0.5 m from ground with a 2.4 m circumference. Surrounding tree line was searched but showed no other evidence of cultural activity. Following assessment by a qualified arborist (Mark Hartley) and in consultation with RAPs, it was determined to be a non-cultural scar.		Not a site
SNI-CMT 21	Culturally modified tree	Plain			A potential culturally modified tree identified on a floodplain, approximately ~30 m north-west of SNI-CMT16. The tree is a living eucalypt, exhibits three scars, and is thought be relatively old (~80 years). The scar measures 0.4 m x 0.15 m, and 0.5 m off the base; 1.6 m x 0.15 m, and reaches the base of ground; and 0.45 m x 0.21 m, and located 1.6 m from the ground. There is some evidence the scars may have been a result of termites, limb tear, or bird damage.		Tentative
SNI-GG16	Grinding grooves	Hillslope	742888	6443163	Twenty-six grinding grooves identified on two rocks of outcropping sandstone in a ploughed paddock. Twelve grooves are located on the western rock and fourteen on eastern. The grooves are typically 25 cm x 8 cm, with some slightly longer and some shorter. The site is located in the same landform as nearby grinding grooves (SNI-GG17), on a possible spur as well as at least six other artefact sites within the same paddock (<200 m away).		Valid

Table D.1 Surface Aboriginal sites identified during the field survey and test excavations

Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-GG17	Grinding grooves	Hillslope	767566	6445765	Eleven distinct grinding grooves located on outcropping sandstone within a 20 m x 20 m area. The grooves were identified on small (<2 m) patches of exposed bedrock on a moderate slope. RAPs identified three to be 'learning grooves'. Grooves range from 1.5 cm to 65 cm in length, with the average grooves measuring 35 cm. The site is located <100 m north of ephemeral water channel.		Valid
SNI-IF66	Isolated find	Plain	743236	6443137	One grey chert angular fragment with no typological features. The site is located along a fence line exposure on a flat agricultural field. The artefact is in close proximity (<500 m) of six other artefact (SNI-AS89, SNI-AS90, SNI-AS92, SNI-IF75 and SNI-IF76) and grinding groove (SNI-GG16) sites. The closest water source is an ephemeral drainage line located 210 m north-east that feeds into Talbragar Creek.		Valid
SNI-IF67	Isolated find	Hillslope	714255	6435669	One potential broken granite axe head located on the hillslope of a heavily ploughed paddock approximately 250 m west of Spring Ridge Road. The tentative artefact is smoothed to an elongated point but broken on the ventral side. The RAPs indicated that the side indentation was where it may have been grafted to a handle. The closest watercourse is Laheys Creek which is located 460 m east of the site.		Valid
SNI-IF68	Isolated find	Modified landform	716235	6437052	One blue grey silcrete flake located on a sheetwash exposure on the northern edge of a dam. The surrounding landscape consists of undulating hills covered in grass with pockets of vegetation to the north-east and north-west. The closest water source is a drainage line that runs into the dam and is connected to an ephemeral waterway that feeds into Laheys Creek.		Valid
SNI-IF69	Isolated find	Stream channel	734291	6438523	One small quartz angular fragment identified on the incised north-west gully of Browns Creek. The site is located in proximity (<250 m) to two other recorded artefact sites (SNI-AS83 north-east and SNI-AS84 east) as well as 140 m directly south of TP247. Due to the position of the artefact on the banks of the eroded creek line, soils here are skeletal, and no subsurface potential was identified.		Valid

Table D.1 Surface Aboriginal sites identified during the field survey and test excavations

Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-IF70	Isolated find	Modified landform	736335	6439044	One potential quartz isolated fragment identified on the northern eroded side of a dam directly west of TP296 and 25 m west of Whites Creek. All surrounding test pits (TP294–TP300) contained skeletal soils with no artefacts. Additionally, due to the tentative artefact's close proximity to a manufactured dam, both of these facts indicate that the subsurface potential for additional artefacts in the surrounding area is low.		Valid
SNI-IF71	Isolated find	Plain	736443	6439274	One fine grained silcrete artefact located on a slightly undulated grassy paddock approximately 40 m west of a 1st order tributary of Whites Creek. The site was identified 60 m north of TP279 and TP280, which both contained skeletal soils with no artefacts.		Valid
SNI-IF72	Isolated find	Plain	742399	6441841	One quartz flake located on a scaled exposure that forms part of an expansive cropped grass plain. The site is located 260 m west of a drainage line that is fed from Talbragar River. The closest site (SNI-IF73) was identified approximately 450 m north-east near a dam.		Valid
SNI-IF73	Isolated find	Modified landform	742855	6442003	One quartz flake identified on an outcrop exposure 60 m south-east of a dam. The site is located on the south-eastern side of a drainage line that is fed from Talbragar River with the surrounding area showing signs of regular inundation. The closest site (SNI-IF72) is located approximately 450 m south-west within the same landscape.		Valid
SNI-IF74	Isolated find	Modified landform	743125	6442720	One secondary quartz artefact with multiple negative flake scars identified on an outcrop exposure 80 m north-east of a dam. The site is located within 1 km of nine other artefact sites, with the closest site located 90 m north-east (SN-IF92) along the eastern fence line exposure. The closest watercourse is an ephemeral drainage line that is fed from Talbragar River located 340 m to the south-east.		Valid

Table D.1 Surface Aboriginal sites identified during the field survey and test excavations

Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-IF75	Isolated find	Modified landform	743063	6443021	One quartz core located on an outcrop exposure within a grassy field. It is clear that the surrounding landscape was heavily modified by mechanical clearing and ploughing. Additional broken non-cultural quartz pieces were found in close proximity to the core. The artefact is in close proximity (<500 m) of six other artefact (SNI-AS89, SNI-AS90, SNI-AS92, SNI-IF66 and SNI-IF76) and grinding groove (SNI-GG16) sites. The closest water source is an ephemeral drainage line located 400 m north-east that feeds into Talbragar Creek.		Valid
SNI-IF76	Isolated find	Plain	743041	6443152	Potential proximal milky quartz flake that had difficult typological features to distinguish. The possible artefact was identified on ploughed, cleared paddock adjacent south-east of a dam. The artefact is in close proximity (<500 m) of six other artefact (SNI-AS89, SNI-AS90, SNI-AS92, SNI-IF66 and SNI-IF75) and grinding groove (SNI-GG16) sites. The closest water source is an ephemeral drainage line located 350 m north-east that feeds into Talbragar Creek.		Valid
SNI-IF77	Isolated find	Hillslope	743141	6445152	One jasper flake with retouch on the dorsal side located at the intersection of Merotherie Road and two other dirt tracks. Due to the extensive ground disturbance in the surrounding area it is highly likely that other artefact would be present. The closest watercourse is Talbragar River which is located 110 m east.		Valid
SNI-IF78	Isolated find	Plain	744209	6442418	One tentative grinding implement located on a cropping exposure (no pitting or polish). Given the potential tool's size and proximity on a rise south of a floodplain, RAPs requested it be recorded. The site is located 240 m north-east of a dirt track connected to Birkalla Road (to the south) and is within 220 m of three other recorded sites including one surface artefact (SNI-IF79, CMT21 and CMT22).		Valid
SNI-IF79	Isolated find		744340	6442400	One quartz flake located along a fence exposure (north) within a flat cropping field. The closest watercourse is an ephemeral channel fed from Cockabutta Creek that is located approximately 840 m east. The site is located within 220 m of three other recorded sites in the same landscape including one surface artefact (SNI-IF78, CMT21 and CMT22).		Valid

Table D.1 Surface Aboriginal sites identified during the field survey and test excavations

Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-IF80	Isolated find	Plain	745633	6442190	One banded chert flake identified on a ploughed paddock 10 m north of TP333. The site is located 65 m east of Cockabutta Creek with the surrounding landscape highly disturbed by flooding, erosion and agricultural activities. Nearby test pits (TP330–335) contained no artefacts which indicate that the potential for intact subsurface deposits in the area is low.		Valid
SNI-IF81	Isolated find	Terrace	752983	6447059	One small (roughly 20 cm x 28 cm) sandstone grinding slab identified near a dry creek bed that forms part of a drainage channel that leads to Talbragar River 1.7 km to the south-east. The slab features a smooth, polished indentation in the centre of the stone which contrasts the rough sandstone border. The closest recorded site is a significant grinding groove area (#36-6-0111) which is located approximately 470 m south-east of the isolated find.		Valid
SNI-IF82	Isolated find	Hillslope	750978	6441652	One very high quality black chert flake located on a gentle hill along an animal track with a fence line adjacent south of the flake. The site borders a large, vegetated area with sandstone boulders and rockshelters visible in the immediate vicinity further south outside the project area. It is highly likely that further artefacts would be identified in the surrounding area. There are two small drainage lines that straddle the site, with the closest major water source located 380 m east as part of the ephemeral system of Talbragar River.		Valid
SNI-IF83	Isolated find	Hillslope	768102	6445713	One chert multi-platform core identified on the side of a hillslope within a small thicket of trees. The site is located 110 m south of an ephemeral watercourse that is fed from Murrumbline Creek and 550 m east of a grinding groove site (SNI-GG17).		Valid

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Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-IF84	Isolated find	Stream channel	754333	6426819	One multi-platform mudstone core with several negative scars identified within a pile of leaf litter adjacent east of TP420. The surrounding area seem appears to have been impacted by past logging activities. The closest water source (Sportsmans Hollow Creek) is located approximately 60 m east within a gully vegetated with dense eucalyptus. Four other surface artefact sites were recorded within close proximity (<200 m), including SNI-IF85, SNI-IF86, SNI-AS93 and SNI-AS94.		Valid
SNI-IF85	Isolated find	Plain	754646	6426819	One grey quartzite flake measuring 4 cm x 3 cm x 1 cm that was identified on an eroded scale west of an access track. The site is located 100 m east of TP414, which yielded 40 artefacts. The closest water source is a dried up drainage line roughly 50 m west of the artefact with Sportsmans Hollow Creek located 240 m west. Four other surface artefact sites were recorded within close proximity (<200 m), including SNI-IF84, SNI-IF86, SNI-AS93 and SNI-AS94.		Valid
SNI-IF86	Isolated find	Plain	754461	6426886	One quartzite manuport that is possibly pitted on one end was recorded adjacent north of TP407 and TP408, which both yielded >30 artefacts. The site is located on a level plain within 50 m east of Sportsmans Hollow Creek. Four other surface artefact sites were recorded within close proximity (<200 m), including SNI-IF84, SNI-IF85, SNI-AS93 and SNI-AS94.		Valid
SNI-IF87	Isolated find	Stream channel	756670	6424708	One quartz core with an evident flake scar, bulb and ring crack recorded on a bedrock exposure in proximity (220 m east) of an ephemeral watercourse that connects to Sportsmans Hollow Creek. SNI-IF89 is located 130 m north-east of the site within the same grassy sheetwash landscape.		Valid

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Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-IF88	Isolated find	Hillslope	756665	6424927	One tentative core of unknown material with two large negative flake scars on the dorsal surface and one ring crack (potential to be natural, heat reaction or cultural scarring). The site is located on a gentle hill in proximity to a bedrock exposure 130 m north of Cope Road. The closest watercourse is a drainage line located 15 m west of the site that feeds into Sportsmans Hollow Creek. Evidence of repeated flood activity in the surrounding area, with much of the surface soils eroded resulting in sheetwash. There are three other surface artefact sites recorded within 250 m of the site on the northern side of Cope Road, including SNI-IF90, SNI-IF91 and SNI-AS97.		Valid
SNI-IF89	Isolated find	Hillslope	756779	6424772	One milky quartz flake identified on exposed sheetwash down a hillslope. The site is located 30 m south of Cope Road and 260 m east of a drainage line that feeds into Sportsmans Hollow Creek. SNI-IF87 is located 130 m south-west of the site within the same grassy sheetwash landscape.		Valid
SNI-IF90	Isolated find	Gully	756765	6424884	One milky quartz flake identified within the sheetwash at the top of a small hill leading into eroded gully 80 m north of Cope Road. The sediment in the surrounding area was very eroded with soils stripped away exposing bedrock in patches. The closest water source is a drainage line located 150 m west of the site that feeds into Sportsmans Hollow Creek. There are three other surface artefact sites recorded within 250 m of the site on the northern side of Cope Road, including SNI-IF88, SNI-IF91 and SNI-AS97.		Valid
SNI-IF91	Isolated find	Hillslope	756894	6424941	One large potential white artefact with possible notch removed on one side identified on access track 120 m of Cope Road. The unknown material seems likely to have been intentionally brought in, as the gravels in the surrounding area do not match its geology. The closest water source is a drainage line located 220 m west of the site that feeds into Sportsmans Hollow Creek. There are three other surface artefact sites recorded within 250 m of the site on the northern side of Cope Road, including SNI-IF88, SNI-IF90 and SNI-AS97.		Valid

Table D.1 Surface Aboriginal sites identified during the field survey and test excavations

Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-IF92	Isolated find	Plain	743179	6442800	One quartz flake identified west of a fence line exposure containing a flat agricultural field. The large surrounding paddocks include several other artefact sites (n=9 within 1 km), with the closest site 90 m south-west (SNI-IF74) north of a dam. The closest water source is an ephemeral drainage line that feeds into Talbragar River located 380 m to the south-east.		Valid
SNI-IF93	Isolated find	Plain	742832	6442707	One tentative quartz core with a single potential negative flake scar. The artefact was recorded at the behest of the on site RAPs. The potential artefact was identified on a crop exposure that forms part of a flat grassy plain. There are three other artefact sites recorded within 500 m of the site, including SNI-IF74 300 m north-east, SNI-AS88 320 m south-west and SNI-IF92 360 m north-east.		Valid
SNI-IF94	Isolated find	Modified landform	766700	6445100	One potential quartz flake located on a cattle track adjacent north of a dam. The site is located immediately north of a 1st order drainage line that is connected to the Wagrobil Creek system. There is a recorded rockshelter with potential archaeological deposit (SNI-RS05) located approximately 510 m to the south-west of the site.		Valid
SNI-IF95	Isolated find	Plain	711957	6435061	One potential core identified in the middle of a ploughed paddock approximately 760 m north of Dapper Road. The site is located 190 m north-east of a dam that is fed by a drainage line connected to Sandy Creek. The closest recorded site (#36-2-0605, undefined artefact site) is roughly 650 m to the south-east on an access track diverging from Dapper Road.		Valid
SNI-IF96	Isolated find	Plain	756225	6444889	One chert or mudstone flake located on a small erosion scar north-west of a thicket of trees. The site is located on a floodplain associated with drainage lines (adjacent 30 m west) connected to Salty Creek to the north which eventually feed into Talbragar River further to the west. The closest recorded site (SNI-IF97) is located 520 m south of the site.		Valid

Table D.1 Surface Aboriginal sites identified during the field survey and test excavations

Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-IF97	Isolated find	Plain	756114	6444380	One broken quartz flake located on a vehicle track exposure between thick vegetation. The site is located on a floodplain associated with drainage lines (adjacent 40 m east) connected to Salty Creek to the north which eventually feed into Talbragar River further to the west. The closest recorded site (SNI-IF96) is located 520 m north of the site.		Valid
SNI-IF98	Isolated find	Modified landform	758251	6424401	One quartz flake recorded on a vegetation exposure under a powerline. The surrounding area showed clear signs of disturbance in the way of introduced gravel soils near access roads and small construction embankments. The site is located 260 m west of Moolarben Creek and 85 m south of Ulan Road. A medium density artefact scatter (#36-3-0656) was recorded 160 m north-east of the site.		Valid
SNI-IF99	Isolated find	Hillslope	761066	6425617	One petrified wood flake on a gravelly rise near the Moolarben Coal Mine entrance (~50 m north). There are 10 previously recorded AHIMS isolated find sites within 1 km of SNI-IF99, with one (#36-3-0814, isolated find) within 200 m to the south-east. The closest water source is Goulburn River, which is approximately 750 m north of the site.		Valid
SNI-IF100	Isolated find	Plain	764565	6425873	One potential quartz artefact recorded on a sandy exposure within the floodplain of Wilpinjong Creek (located 130 m south-east of the site) and its lesser drainage lines. The surrounding vegetation was full of young saplings (likely revegetated) with an access track cutting through the scrub 40 m north-east of the site. The closest previously recorded site		Valid
SNI-IF101	Isolated find	Terrace	766403	6423879	One green glass flake with possible retouch located on the eastern bank of an eroded creek. A search was conducted in the surrounding area which identified a potential quartz fragment, but no other cultural material was identified. The site is located in a dried up drainage channel 30 m east of Wilpinjong Creek and 150 m north-east of Ulan-Wollar Road. A previously recorded AHIMS site (#36-3-0658, potential archaeological deposit) is located 270 m to the south-east.		Valid

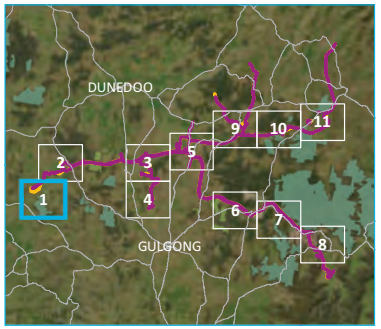
Table D.1 Surface Aboriginal sites identified during the field survey and test excavations

Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-IF102	Isolated find	Hillslope	774500	6414148	One milky quartz flake was recorded on the southern edge of a dirt track. The closest water source is a 3rd order drainage line that feeds into Cumbo Creek located 520 m west of the site. An additional recorded site (SNI-IF103) is located 400 m north-west of the isolated find. It is unlikely that additional artefacts are present in the immediate vicinity due to previous ground disturbance in the form of agricultural activities.		Valid
SNI-IF103	Isolated find	Plain	774244	6414456	One primary (with present cortex) tuff flake recorded on the eastern edge of a dirt track next to a fence line. There is a dam located roughly 60 m north-west of the site, with the closest major watercourse (a 3rd order drainage line that feeds into Cumbo Creek) located 300 m west of the site. Another recorded site (SNI-IF102) is located 400 m south-east of the isolated find. It is unlikely that additional artefacts are present in the immediate vicinity due to previous ground disturbance in the form of agricultural activities.		Valid
SNI-IF104	Isolated find	Plain	768532	6421829	Portable sandstone axe grinding groove measuring 22.4 cm x 33.4 cm at widest. The slab exhibits two perpendicular, shallow grinding grooves (both roughly 22 cm x 8 cm), and was identified on embankment rising above Planters Creek. Thomas Dahlstrom noted that this is Wiradjuri practice not Kamilaroi.		Valid
SNI-RS05	Rock shelter with potential archaeological deposit	Hillslope	766274	6444800	A sandstone rockshelter located on the top of a small rise facing east with a potential archaeological deposit at a maximum depth of 14 cm. The internal diameter of the space measures 2 m (wide) x 6 m (long) x 1.35 m (high). The entrance (dripline) of the rockshelter measures 2 m (wide) x 1.6 m (high). The space includes three to four potential sleeping areas and one tentative burn mark located on the back wall up to the ceiling. Surrounding vegetation is sparse, with a single tree in the immediate view line from the shelter toward the surrounding grassy hills. The site is located approximately 510 m south-west of the closest recorded isolated find (SNI-IF94). The closest water source is a 1st order drainage line located 260 m to the north-west that feeds into Wagrobil Creek.		Valid

Table D.1 Surface Aboriginal sites identified during the field survey and test excavations

Site ID	Site type	Landform	Easting	Northing	Description	Location	Site status
SNI-RS06	Rock shelter with potential archaeological deposit	Hillslope	766281	6424153	A large south facing rockshelter located on the side of a ridge with a potential archaeological deposit at a maximum depth of 10 cm. There were no artefacts, art or other potential cultural material identified within or around the shelter. The dripline measured 12 m long, with the internal dimensions reaching a depth of 4 m and up to 8 m high. The shelter includes a narrow shelf at the back, which could potentially be crawled into as a sleeping space with the majority of the potential living area located under the wide overhang. The outlook from the shelter looks north over dense vegetation, with multiple large trees growing between sandstone boulders immediately outside. The site is located 90 m north of Wilpinjong Creek and in proximity to multiple previously recorded sites, including an AHIMS site (#36-3-0657, low density artefact scatter) 290 m south-west and SNI-IF101 located 320 m to the south-east of the site.		Valid

D.2 Photograph catalogue (field survey)



KEY

- Amended construction area
- Exhibited construction area
- Photographic record

Existing environment

- Major road
- Minor road
- Named watercourse
- NPWS reserve

INSET KEY

- Major road
- NPWS reserve
- State forest

Source: EMM (2024); EnergyCo (2024); WSP (2024); DFSI (2020); ESRI (2024); OEH (2024)

0 1 2 km

GDA2020 MGA Zone 55

N

Surveyed Aboriginal sites
Photographic log
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Central West Orana Renewable Energy Zone transmission
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EMM creating opportunities

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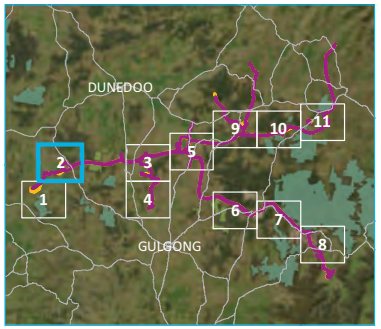

KEY

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- Exhibited construction area
- Photographic record

Existing environment

- Major road
- Minor road
- Named watercourse

INSET KEY

- Major road
- NPWS reserve
- State forest

Source: EMM (2024); EnergyCo (2024); WSP (2024); DFSI (2020); ESRI (2024); OEH (2024)

0 1 2 km

GDA2020 MGA Zone 55

N

Surveyed Aboriginal sites
Photographic log
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Central West Orana Renewable Energy Zone transmission
Aboriginal Cultural Heritage Assessment addendum
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EMM creating opportunities

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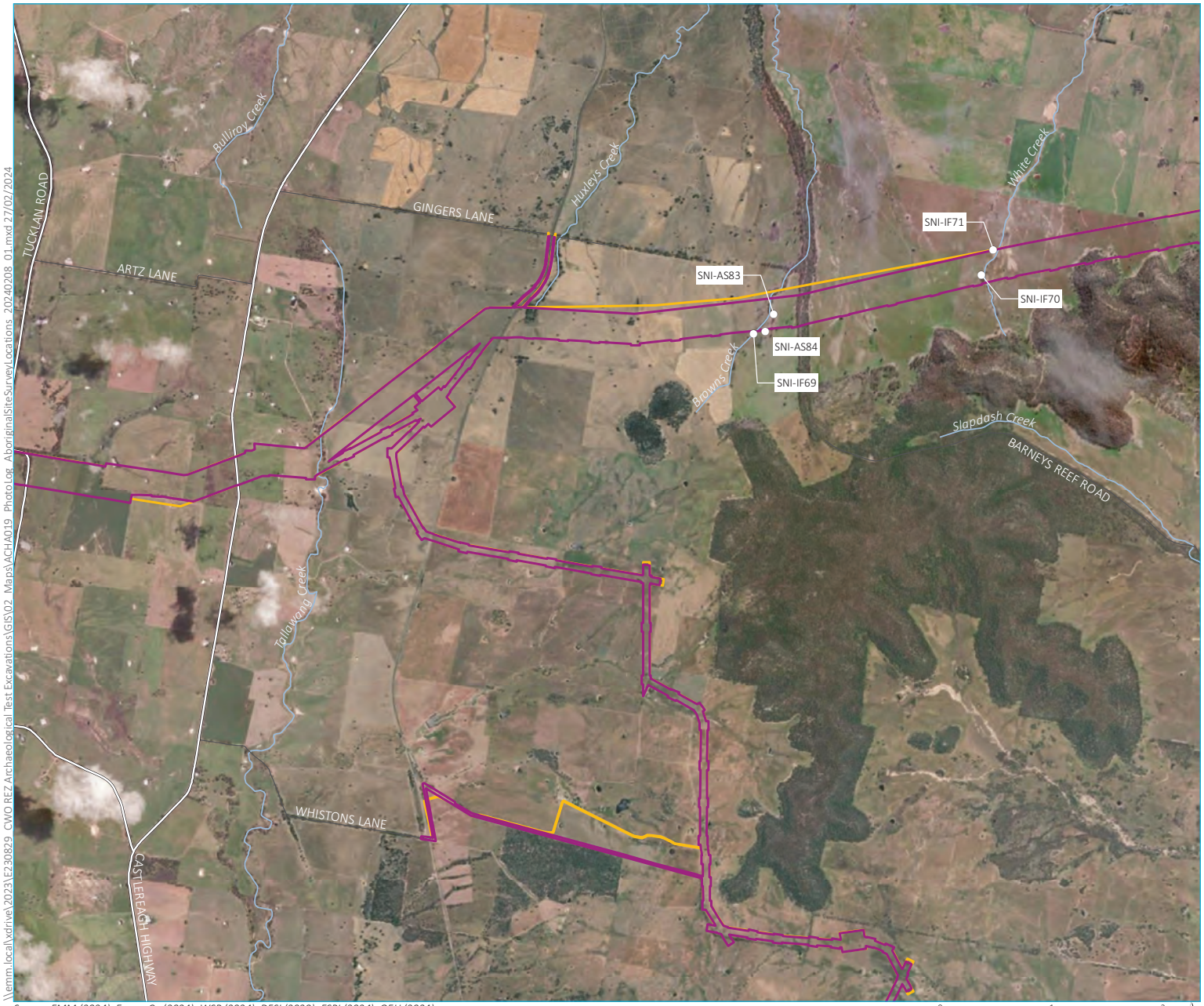

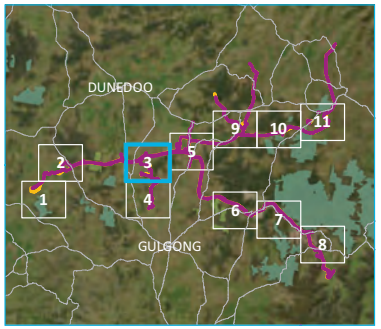

KEY

- Amended construction area
- Exhibited construction area
- Photographic record

Existing environment

- Major road
- Minor road
- Named watercourse

INSET KEY

- Major road
- NPWS reserve
- State forest

Source: EMM (2024); EnergyCo (2024); WSP (2024); DFSI (2020); ESRI (2024); OEH (2024)

0 1 2 km

GDA2020 MGA Zone 55

N

Surveyed Aboriginal sites
Photographic log
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EMM creating opportunities

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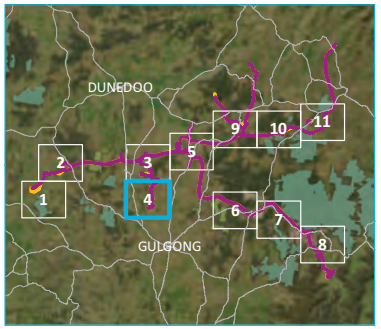

KEY

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- Photographic record

Existing environment

- Major road
- Minor road
- Named watercourse

INSET KEY

- Major road
- NPWS reserve
- State forest

Source: EMM (2024); EnergyCo (2024); WSP (2024); DFSI (2020); ESRI (2024); OEH (2024)

0 1 2 km

GDA2020 MGA Zone 55

N

Surveyed Aboriginal sites
Photographic log
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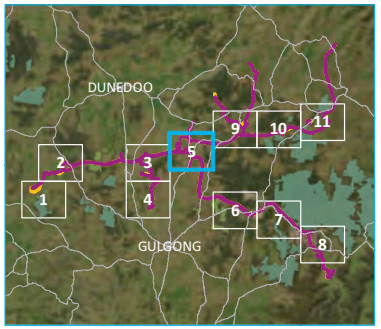

KEY

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- Photographic record

Existing environment

- Major road
- Minor road
- Named watercourse

INSET KEY

- Major road
- NPWS reserve
- State forest

Source: EMM (2024); EnergyCo (2024); WSP (2024); DFSI (2020); ESRI (2024); OEH (2024)

0 1 2 km

GDA2020 MGA Zone 55

N

Surveyed Aboriginal sites
Photographic log
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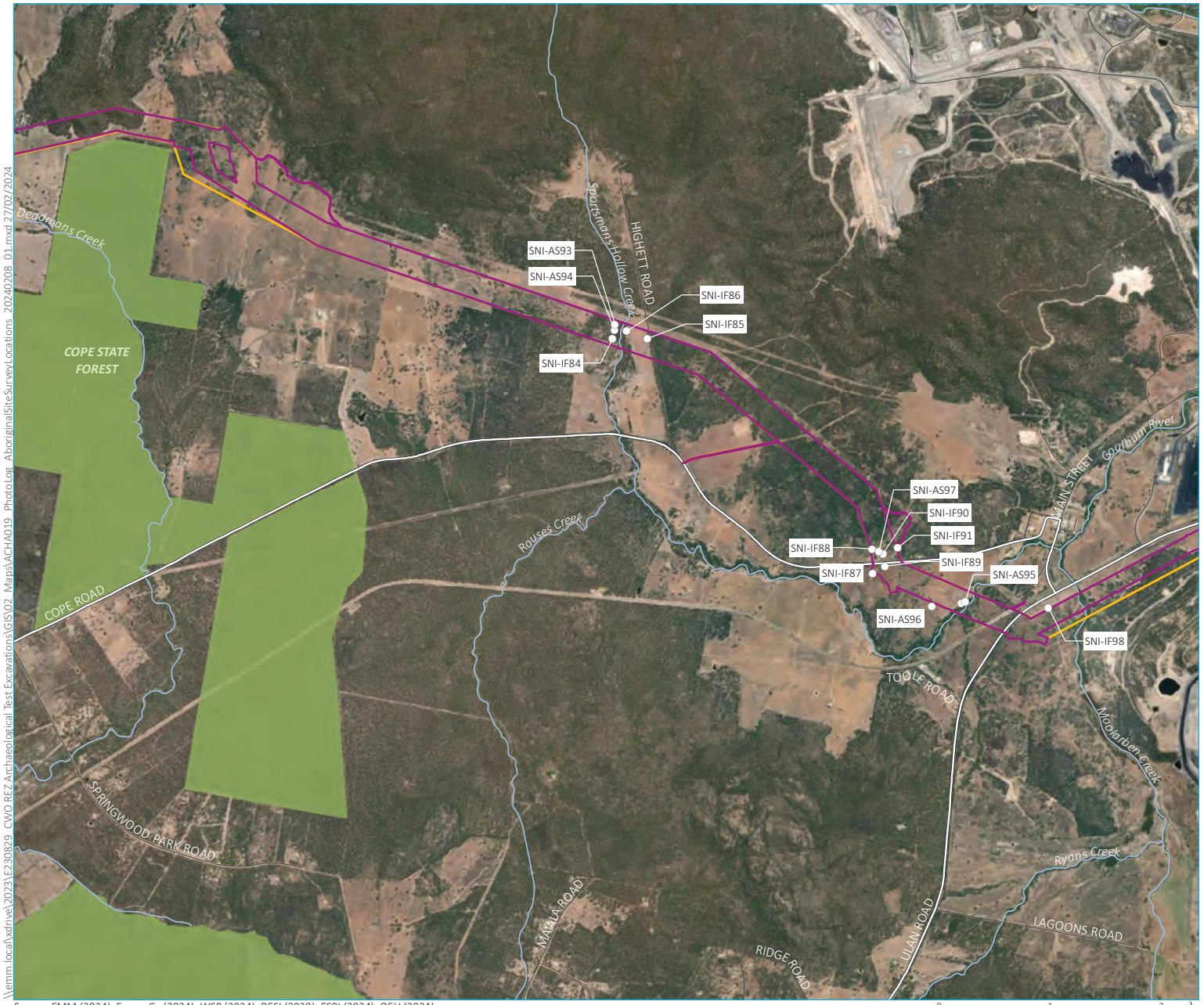

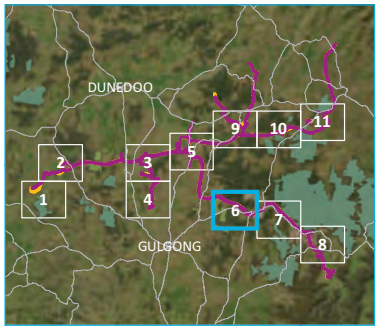

KEY

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- Exhibited construction area
- Photographic record

Existing environment

- Major road
- Minor road
- Named watercourse
- State forest

INSET KEY

- Major road
- NPWS reserve
- State forest

Source: EMM (2024); EnergyCo (2024); WSP (2024); DFSI (2020); ESRI (2024); OEH (2024)

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GDA2020 MGA Zone 55

N

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Surveyed Aboriginal sites
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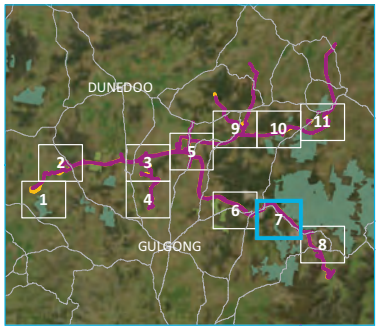

KEY

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- Photographic record

Existing environment

- Major road
- Minor road
- Named watercourse
- NPWS reserve

INSET KEY

- Major road
- NPWS reserve
- State forest

Source: EMM (2024); EnergyCo (2024); WSP (2024); DFSI (2020); ESRI (2024); OEH (2024)

Surveyed Aboriginal sites
Photographic log
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Central West Orana Renewable Energy Zone transmission
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EMM creating opportunities

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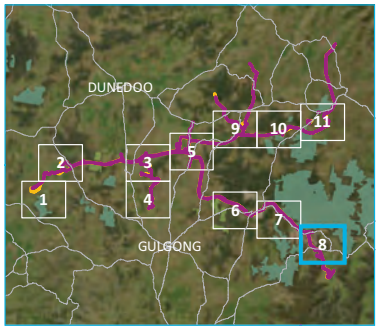

KEY

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- Exhibited construction area
- Photographic record

Existing environment

- Major road
- Minor road
- Named watercourse
- NPWS reserve

INSET KEY

- Major road
- NPWS reserve
- State forest

Source: EMM (2024); EnergyCo (2024); WSP (2024); DFSI (2020); ESRI (2024); OEH (2024)

0 1 2 km

GDA2020 MGA Zone 55

N

Surveyed Aboriginal sites
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Central West Orana Renewable Energy Zone transmission
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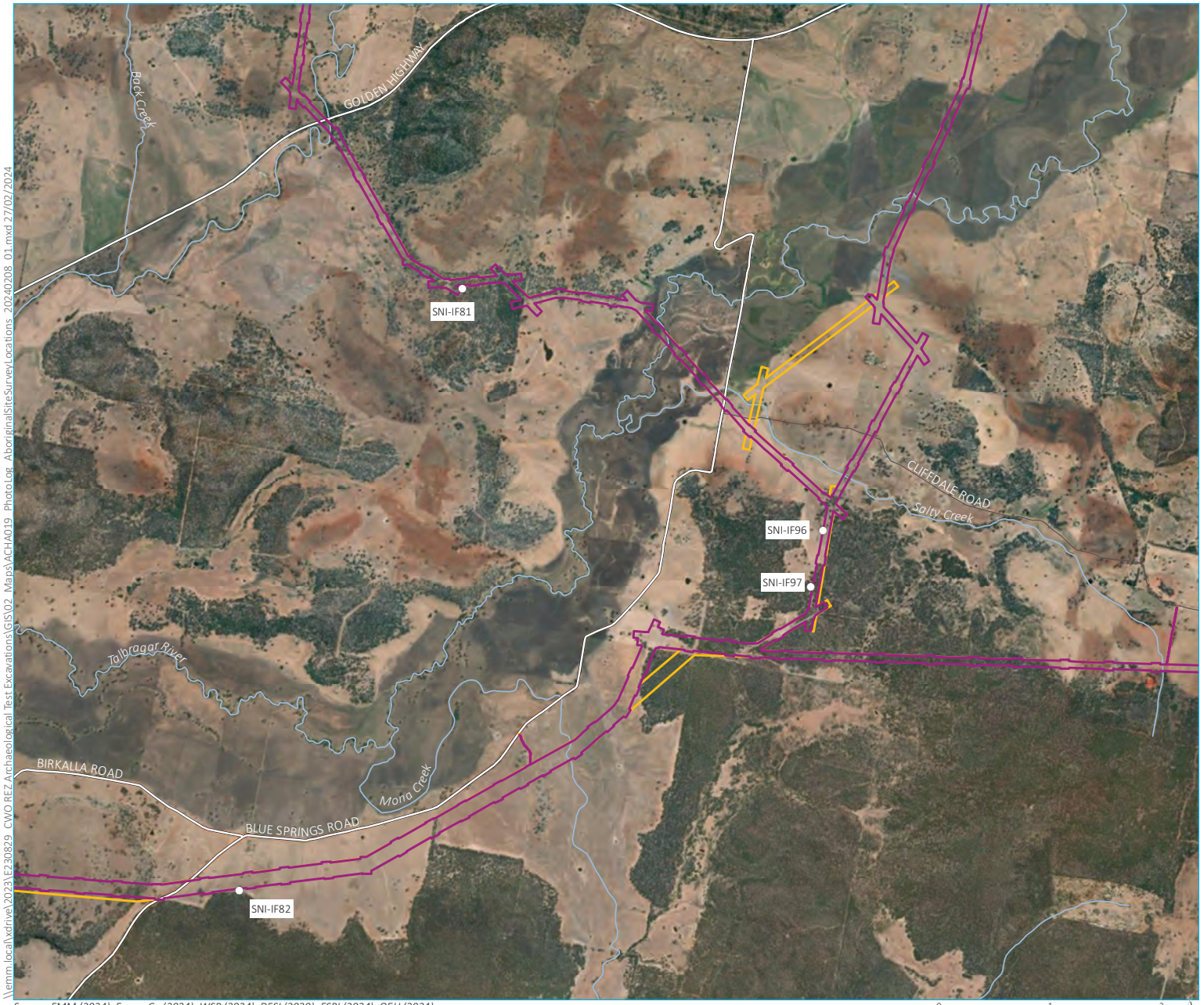

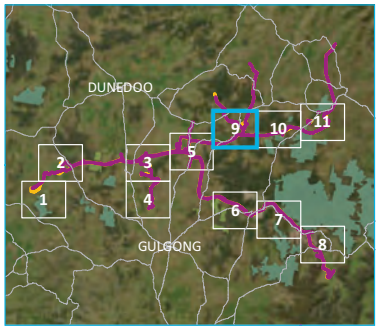

KEY

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Existing environment

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INSET KEY

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0 1 2 km

GDA2020 MGA Zone 55

N

Surveyed Aboriginal sites
Photographic log
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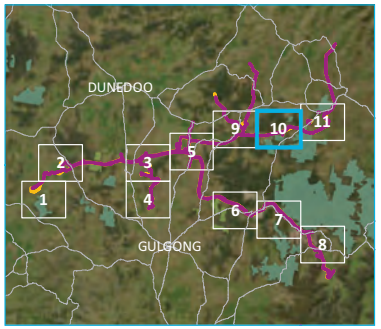

KEY

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Existing environment

- Major road
- Minor road
- Named watercourse
- NPWS reserve

INSET KEY

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Source: EMM (2024); EnergyCo (2024); WSP (2024); DFSI (2020); ESRI (2024); OEH (2024)

0 1 2 km

GDA2020 MGA Zone 55

N

Surveyed Aboriginal sites
Photographic log
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Central West Orana Renewable Energy Zone transmission
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Figure D.1

EMM creating opportunities

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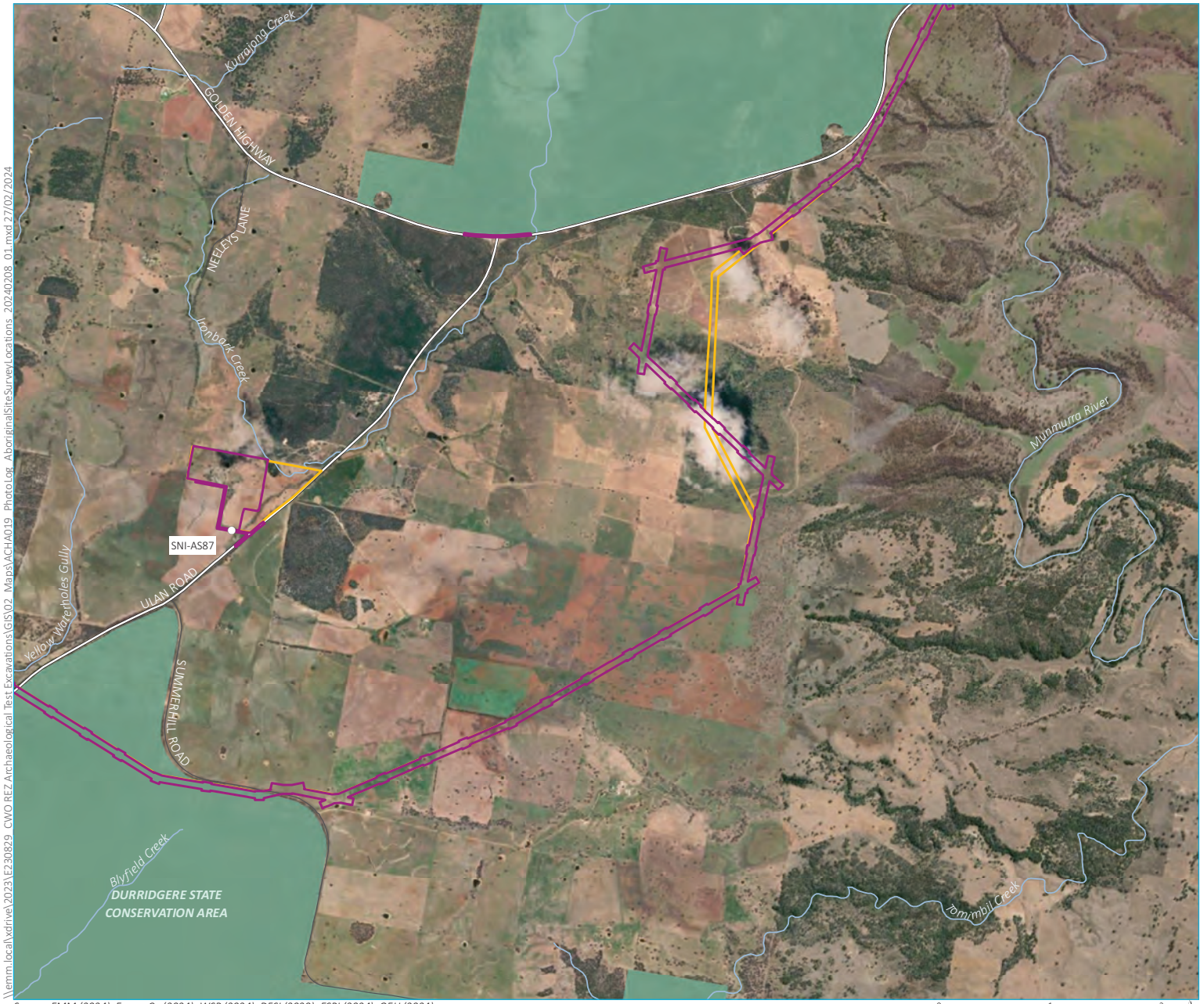

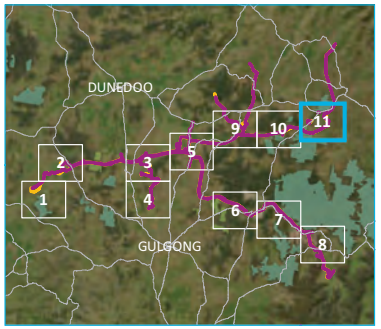

KEY

- Amended construction area
- Exhibited construction area
- Photographic record

Existing environment

- Major road
- Minor road
- Named watercourse
- NPWS reserve

INSET KEY

- Major road
- NPWS reserve
- State forest

Source: EMM (2024); EnergyCo (2024); WSP (2024); DFSI (2020); ESRI (2024); OEH (2024)

0 1 2 km

GDA2020 MGA Zone 55

N

Surveyed Aboriginal sites
Photographic log
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Central West Orana Renewable Energy Zone transmission
Aboriginal Cultural Heritage Assessment addendum
Figure D.1

EMM creating opportunities

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Aboriginal Site: 36-3-0658

Photo 1: View north	**Photo 2:** View east	**Photo 3:** View south	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: 36-3-3790

Photo 1: View east	**Photo 2:** Detail- rockshelter	**Photo 3:**	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: Bora Creek AHIMS sites

Photo 1: Detail- silcrete core	**Photo 2:** View west	**Photo 3:** View east	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-AS100

Photo 1: Detail- quartz flakes	**Photo 2:** Detail- quartz flakes	**Photo 3:** View north	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-AS101

Photo 1: Detail- quartz and silcrete	**Photo 2:** Detail- silcrete core	**Photo 3:** Detail- mudstone core	**Photo 4:** Detail- silcrete flake
			
Photo 5: Detail- cobble	**Photo 6:** Detail- quartz flake	**Photo 7:** Detail- mudstone flake	**Photo 8:** Detail- mudstone scrapper
			

Aboriginal Site: SNI-AS102

Photo 1: Detail- silcrete core	**Photo 2:** Detail- silcrete core, platform	**Photo 3:** Detail- tentative grinding	**Photo 4:** Detail- tentative grinding
			
Photo 5: Detail- quatrz flake	**Photo 6:** View north	**Photo 7:** Detail- quartz flakes	**Photo 8:** Detail- quartz core
			

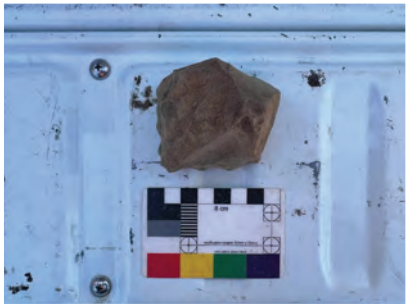
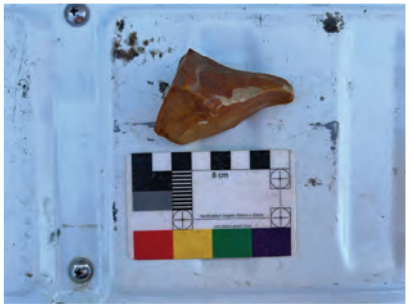
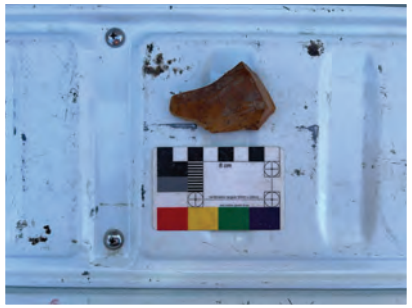
Aboriginal Site: SNI-AS71

Photo 1: Detail- chert flake	**Photo 2:** Detail- chert core	**Photo 3:** View north	**Photo 4:** Detail- chert core
			
Photo 5: Detail- chert flake	**Photo 6:** Detail- chert core	**Photo 7:**	**Photo 8:**
			

Aboriginal Site: SNI-AS79

Photo 1: Detail- quartz scrapper	**Photo 2:** Detail- quartz scrapper	**Photo 3:** View north	**Photo 4:** Detail- tentative axe head
			
Photo 5: Detail- tentative axe head	**Photo 6:** View north	**Photo 7:**	**Photo 8:**
			

Aboriginal Site: SNI-AS80

Photo 1: View south	**Photo 2:** Detail- quartz, basalt and	**Photo 3:** Detail- core	**Photo 4:** Detail- mudstone core
			
Photo 5: Deatil- mudstone core	**Photo 6:** Detail- ryolite core	**Photo 7:** Detail- ryolite core	**Photo 8:** Detail- ryolite core, platform
			

Aboriginal Site: SNI-AS81

Photo 1: Detail- multi platform flake	**Photo 2:** Detail- ventral	**Photo 3:** Detail- distal	**Photo 4:** View north
			
Photo 5: View east	**Photo 6:** View south	**Photo 7:**	**Photo 8:**
			

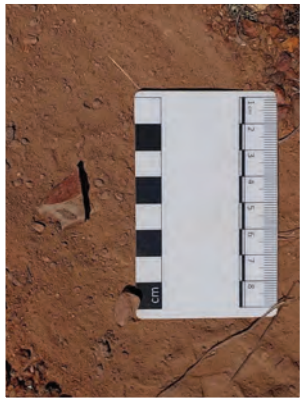
Aboriginal Site: SNI-AS82

Photo 1: Detail- quartz scrappers	**Photo 2:** Detail- grinding fragments	**Photo 3:** Detail- grinding fragment	**Photo 4:** Detail- flake patina
			
Photo 5: View south	**Photo 6:** View west	**Photo 7:** View north	**Photo 8:** View east
			

Aboriginal Site: SNI-AS83

Photo 1: View north	**Photo 2:** Detail- proximal chert and	**Photo 3:** Detail- proximal chert and	**Photo 4:** Detail- proximal quartz flaked
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-AS84

Photo 1: View south	**Photo 2:** Detail- chert flake	**Photo 3:** Detail- chert flake	**Photo 4:** Detail- chert flake
			
Photo 5: Detail- chert flake	**Photo 6:** Detail- quartz flake	**Photo 7:** Detail- chert flake	**Photo 8:** View north
			

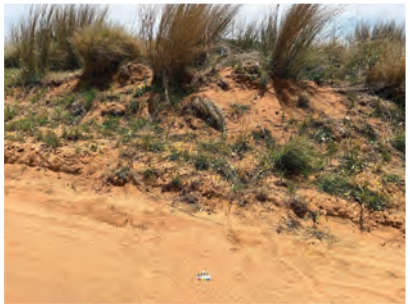
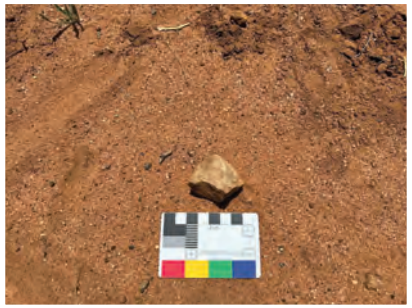
Aboriginal Site: SNI-AS85

Photo 1: Detail- orange/red mudstone	**Photo 2:** Detail- fossil	**Photo 3:** Detail- ventral	**Photo 4:** Detail- silcrete core
			
Photo 5: View north	**Photo 6:** View east	**Photo 7:** Detail- northern soil profile	**Photo 8:**
			

Aboriginal Site: SNI-AS86

Photo 1: Detail- quartz and silcrete flakes	**Photo 2:** Detail- silcrete	**Photo 3:** View north east	**Photo 4:** View west
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-AS87

Photo 1: Detail- quartz flakes	**Photo 2:** Detail- context	**Photo 3:** Detail- silcrete	**Photo 4:** Detail- silcrete
			
Photo 5: Detail- silcrete core	**Photo 6:** Detail- grinding implement	**Photo 7:** Detail- fossilised core	**Photo 8:** View north west
			

Aboriginal Site: SNI-AS88

Photo 1: Detail- tentative grinding	**Photo 2:** Detail- tentative quartz and	**Photo 3:** View south	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-AS89

Photo 1: View north	**Photo 2:** Detail- chert artefacts	**Photo 3:**	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-AS90

Photo 1: Detail- quartz core	**Photo 2:** Detail- quartz flake	**Photo 3:** Detail- quartz core	**Photo 4:** View east
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-AS91

Photo 1: Detail- backed flake	**Photo 2:** Detail- backed flake	**Photo 3:** Detail- unknown material	**Photo 4:** View east
			
Photo 5: View south	**Photo 6:** View west	**Photo 7:** View north	**Photo 8:**
			

Aboriginal Site: SNI-AS91

Photo 1: Detail- core	**Photo 2:** Detail- manuport	**Photo 3:** Detail- manuport	**Photo 4:** Detail- basalt flake
			
Photo 5: View north	**Photo 6:** View east	**Photo 7:**	**Photo 8:**
			

Aboriginal Site: SNI-AS91

Photo 1: Detail- flakes	**Photo 2:** Detail- quartz flakes	**Photo 3:** Detail- culturally modified glass	**Photo 4:** Detail- grinding plate fragment
			
Photo 5: View north east	**Photo 6:** View south	**Photo 7:** View west	**Photo 8:** View north
			

Aboriginal Site: SNI-AS91

Photo 1: Detail- grinding plate fragment	**Photo 2:** Detail- grinding plate fragment	**Photo 3:** View north	**Photo 4:** View west
			
Photo 5: View south	**Photo 6:** View east	**Photo 7:**	**Photo 8:**
			

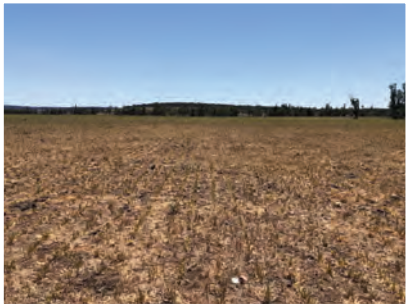
Aboriginal Site: SNI-AS91

Photo 1: Detail- IMT core	**Photo 2:** Detail- IMT core	**Photo 3:** Detail- quartz flake	**Photo 4:** Detail- quartz flake ventral
			
Photo 5: View east	**Photo 6:** View south	**Photo 7:** View west	**Photo 8:** View north
			

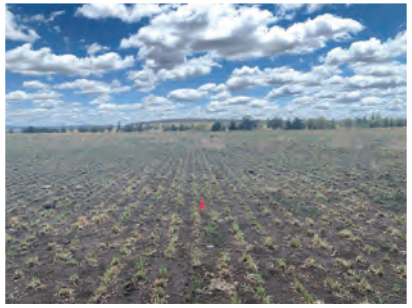
Aboriginal Site: SNI-AS91

Photo 1: Detail- quartzite core	**Photo 2:** Detail- quartzite core, platform	**Photo 3:** Detail- flake scar	**Photo 4:** View east
			
Photo 5: View south	**Photo 6:** View west	**Photo 7:** View north	**Photo 8:**
			

Aboriginal Site: SNI-AS91

Photo 1: Detail- silcrete core	**Photo 2:** Detail- silcrete core, platform	**Photo 3:** Detail- silcrete core	**Photo 4:** Detail- silcrete core, platform
			
Photo 5: View east	**Photo 6:** View south	**Photo 7:** View west	**Photo 8:** View north
			

Aboriginal Site: SNI-AS91

Photo 1: Detail- tentative grinding	**Photo 2:** Detail- quartz flakes	**Photo 3:** Detail- quartz scrapper	**Photo 4:** Detail- silcrete core
			
Photo 5: View north	**Photo 6:** Detail- quartz, silcrete flakes	**Photo 7:** Detail- basalt axe head	**Photo 8:** Detail- basalt axe head
			

Aboriginal Site: SNI-AS92

Photo 1: View south west	**Photo 2:** Detail- quartz core	**Photo 3:** Detail- quartz core	**Photo 4:** Detail- quartz flake
			
Photo 5: Detail- quartz core	**Photo 6:** Detail- quartz flake	**Photo 7:**	**Photo 8:**
			

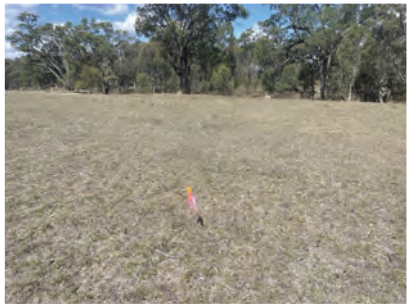
Aboriginal Site: SNI-AS93

Photo 1: View north	**Photo 2:** View north west	**Photo 3:** Detail- silcrete core	**Photo 4:** Detail- silcrete core
			
Photo 5: Detail- tuff core	**Photo 6:** Detail- tuff core	**Photo 7:** Detail- mudstone core	**Photo 8:** Detail- mudstone core
			

Aboriginal Site: SNI-AS94

Photo 1: View south	**Photo 2:** View east	**Photo 3:** Detail- quartz, basalt, mudstone	**Photo 4:** Detail- basalt flake
			
Photo 5: Detail- basalt flake	**Photo 6:** Detail- mudstone flake	**Photo 7:** Detail- mudstone flake	**Photo 8:**
			

Aboriginal Site: SNI-AS95

Photo 1: Detail- chert scrapper	**Photo 2:** Detail- tentative glass artefacts	**Photo 3:** Detail- chert scrapper	**Photo 4:** View east
			
Photo 5: View north	**Photo 6:** Detail- tentative glass flake	**Photo 7:** Detail- tentative glass flake	**Photo 8:** View east
			

Aboriginal Site: SNI-AS95

Photo 1: Detail- tuff core	**Photo 2:** Detail- tuff core	**Photo 3:** Detail- tuff flakes	**Photo 4:** Detail- tuff flakes
			
Photo 5: View south	**Photo 6:** View south east	**Photo 7:**	**Photo 8:**
			

Aboriginal Site: SNI-AS96

Photo 1: Detail- chert flakes	**Photo 2:** Detail- chert flakes	**Photo 3:** View north	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-AS97

Photo 1: View south west	**Photo 2:** Detail- quartz flakes	**Photo 3:**	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-AS98

Photo 1: Detail- silcrete flake	**Photo 2:** Detail- quartz flakes	**Photo 3:** Detail- quartz	**Photo 4:** Detail- quartz
			
Photo 5: Detail- silcrete	**Photo 6:** View south east	**Photo 7:** Detail- quartz flake	**Photo 8:** View east
			

Aboriginal Site: SNI-AS99

Photo 1: Detail- quartz flakes	**Photo 2:** Detail- flake, ventral	**Photo 3:** Detail- flake, profile	**Photo 4:** View east
			
Photo 5: View south	**Photo 6:** Detail- retouched flake	**Photo 7:** Detail- retouched flake	**Photo 8:** View north
			

Aboriginal Site: SNI-CMT16

Photo 1: Detail- tentative CMT	**Photo 2:** Detail- tentative scar	**Photo 3:** Detail- tentative scar	**Photo 4:** Detail- tentative CMT
			
Photo 5: Detail- tentative scar	**Photo 6:** Detail- tentative scar	**Photo 7:** Detail- tentative scar	**Photo 8:** Detail- tentative scar
			

Aboriginal Site: SNI-CMT17

Photo 1: Detail- tentative CMT	**Photo 2:** Detail- branch tear	**Photo 3:** Detail- branch tear	**Photo 4:** Detail- tentative CMT
			
Photo 5: Detail- tentative scar	**Photo 6:** Detail- tentative scar	**Photo 7:**	**Photo 8:**
			

Aboriginal Site: SNI-CMT19

Photo 1: Detail- tentative scar	**Photo 2:** Detail- tentative cmt	**Photo 3:** Detail- tentative scar	**Photo 4:** Detail- tentative scar
			
Photo 5: Detail- tentative scar	**Photo 6:** Detail- tentative scar	**Photo 7:**	**Photo 8:**
			

Aboriginal Site: SNI-CMT20

Photo 1: Detail- tentative scar	**Photo 2:** Detail- north facing scar	**Photo 3:** Detail- tentative CMT	**Photo 4:** Detail- tentative scar
			
Photo 5: Detail- tentative scar	**Photo 6:** Detail- tentative scar	**Photo 7:**	**Photo 8:**
			

Aboriginal Site: SNI-GG16

Photo 1: View north	**Photo 2:** View east	**Photo 3:** View south	**Photo 4:** View west

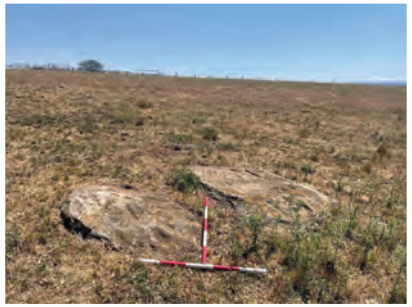
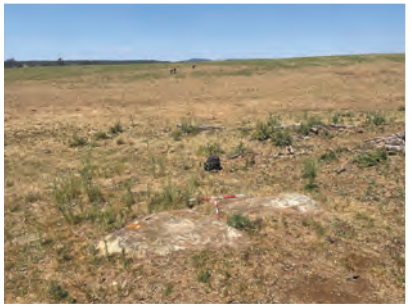
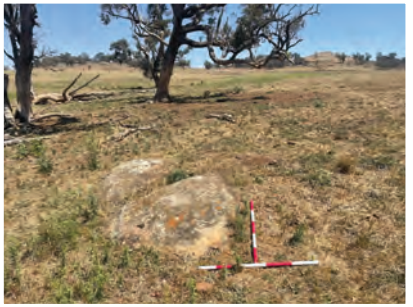
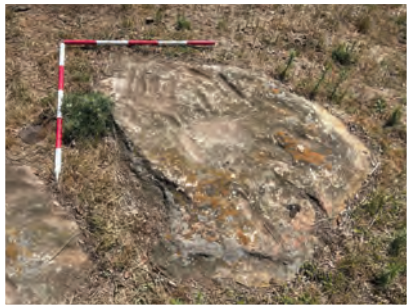
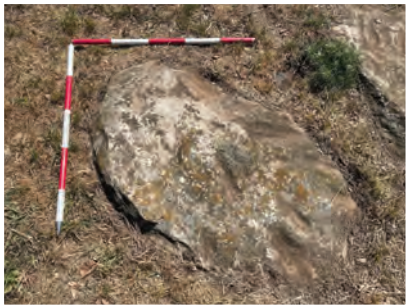

			

Photo 5: Detail- western rock	**Photo 6:** Detail- eastern rock	**Photo 7:** Detail- grinding grooves	**Photo 8:** Detail- grinding grooves
			

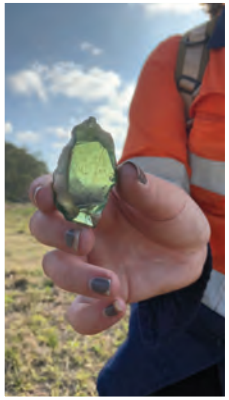
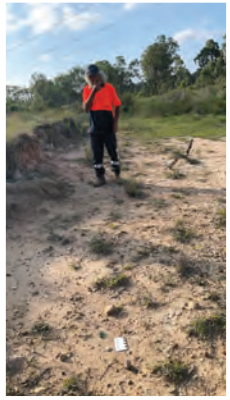
Aboriginal Site: SNI-GG17

Photo 1: Detail- northern grinding	**Photo 2:** Detail- northern grinding	**Photo 3:** Details- learning grooves	**Photo 4:** Detail- southern grinding
			
Photo 5: View north, ephemeral channel	**Photo 6:**	**Photo 7:**	**Photo 8:**
			

Aboriginal Site: SNI-IF100

Photo 1: Detail- tentative quartz tool	**Photo 2:** Detail- tentative quartz tool	**Photo 3:** Detail- tentative quartz tool	**Photo 4:** View north east
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF101

Photo 1: Detail- quartz and glass flakes	**Photo 2:** Detail- glass flake	**Photo 3:** Detail- glass flake	**Photo 4:** Detail- glass flake, profile
			
Photo 5: View east	**Photo 6:**	**Photo 7:**	**Photo 8:**
			

Aboriginal Site: SNI-IF102

Photo 1: Detail- quartz flake	**Photo 2:** View west	**Photo 3:**	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF103

Photo 1: Detail- tuff flake	**Photo 2:** View west	**Photo 3:**	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF104

Photo 1: View west	**Photo 2:** Detail- portable grinding	**Photo 3:** Detail- portable grinding	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF66

Photo 1: Detail- chert flake	**Photo 2:** Detail- chert flake	**Photo 3:** Detail- chert flake	**Photo 4:** Detail- chert flake
			
Photo 5: View south	**Photo 6:**	**Photo 7:**	**Photo 8:**
			

Aboriginal Site: SNI-IF67

Photo 1: Detail- tentative axe head piece	**Photo 2:** Detail- tentative axe head piece	**Photo 3:** View north	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF68

Photo 1: Detail- silcrete flake	**Photo 2:** Detail- silcrete flake	**Photo 3:** View north	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF69

Photo 1: View north	**Photo 2:** Detail- silcrete flake	**Photo 3:** Detail- silcrete flake	**Photo 4:** Detail- ephemeral watercourse
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF70

Photo 1: Detail- quartz flake	**Photo 2:** Detail- quartz flake	**Photo 3:** View north	**Photo 4:** View west
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF71

Photo 1: View south	**Photo 2:** Detail- FGS artefact	**Photo 3:** Detail- FGS artefact	**Photo 4:** Detail- FGS artefact
			
Photo 5: Detail- FGS artefact	**Photo 6:**	**Photo 7:**	**Photo 8:**
			

Aboriginal Site: SNI-IF73

Photo 1: Detail- quartz flake	**Photo 2:** Detail- quartz flake	**Photo 3:** View north	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF74

Photo 1: Detail- tentative quartz core	**Photo 2:** Detail- tentative quartz core	**Photo 3:** View south	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF75

Photo 1: Detail- quartz core	**Photo 2:** Detail- quartz core	**Photo 3:** View north	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF76

Photo 1: Detail- quartz flake	**Photo 2:** Detail- quartz flake	**Photo 3:** Detail- quartz flake	**Photo 4:** Detail- quartz flake
			
Photo 5: View north	**Photo 6:**	**Photo 7:**	**Photo 8:**
			

Aboriginal Site: SNI-IF77

Photo 1: Detail- jasper flake	**Photo 2:** Detail- jasper flake	**Photo 3:** Detail- jasper flake, retouch	**Photo 4:** Detail- jasper flake, retouch
			
Photo 5: View south west	**Photo 6:** View north east	**Photo 7:**	**Photo 8:**
			

Aboriginal Site: SNI-IF78

Photo 1: Detail- tentative grinding	**Photo 2:** Detail- tentative grinding	**Photo 3:** View north	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF79

Photo 1: Detail- quartz flake	**Photo 2:** View north	**Photo 3:**	**Photo 4:**

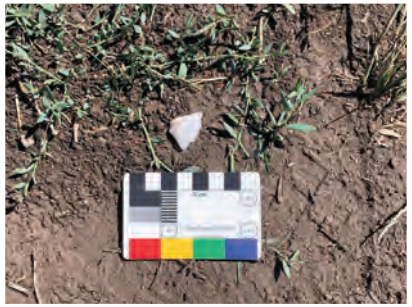
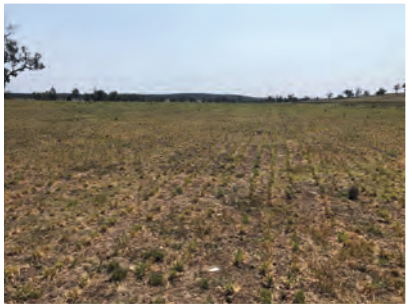



Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF80

Photo 1: Detail- chert flake, ventral	**Photo 2:** Detail- chert flake, dorsal	**Photo 3:** View north	**Photo 4:** View south
			
Photo 5: View south east	**Photo 6:**	**Photo 7:**	**Photo 8:**
			

Aboriginal Site: SNI-IF81

Photo 1: Detail- grinding slab	**Photo 2:** Detail- grinding slab	**Photo 3:** View north	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

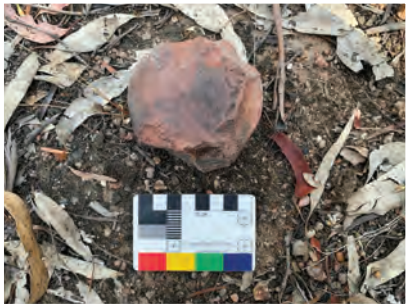
Aboriginal Site: SNI-IF82

Photo 1: Detail- chert flake, ventral	**Photo 2:** Detail- chert flake, dorsal	**Photo 3:** Detail- chert flake	**Photo 4:** View west
			
Photo 5: View south	**Photo 6:** View east	**Photo 7:** View north	**Photo 8:**
			

Aboriginal Site: SNI-IF83

Photo 1: View south	**Photo 2:** Detail- chert core	**Photo 3:** Detail- chert core	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF84

Photo 1: Detail- multi platform mudstone	**Photo 2:** Detail- multi platform mudstone	**Photo 3:** Detail- multi platform mudstone	**Photo 4:** View north
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF85

Photo 1: View north	**Photo 2:** Detail- quartzite flake	**Photo 3:** Detail- quartzite flake	**Photo 4:** Detail- quartzite flake
			
Photo 5: Detail- quartzite flake	**Photo 6:**	**Photo 7:**	**Photo 8:**
			

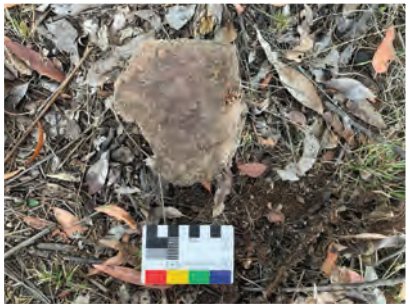
Aboriginal Site: SNI-IF86

Photo 1: View north	**Photo 2:** View west	**Photo 3:** Detail- quartzite manuport	**Photo 4:** Detail- quartzite manuport
			
Photo 5: Detail- quartzite manuport	**Photo 6:** Detail- tentative tool, pitted	**Photo 7:**	**Photo 8:**
			

Aboriginal Site: SNI-IF87

Photo 1: Detail- quartz core	**Photo 2:** Detail- quartz core	**Photo 3:** Detail- quatrz core	**Photo 4:** View north
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF88

Photo 1: Detail- tentative core	**Photo 2:** Detail- tentative core	**Photo 3:** View north	**Photo 4:** Detail- tentative core
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF89

Photo 1: View south	**Photo 2:** Detail- quartz flake	**Photo 3:** Detail- quartz flake	**Photo 4:** Detail- quartz flake
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF90

Photo 1: View north west	**Photo 2:** Detail- quartz flake	**Photo 3:** Detail- quartz flake	**Photo 4:** Detail- quartz flake
			
Photo 5: Detail- quartz flake	**Photo 6:**	**Photo 7:**	**Photo 8:**
			

Aboriginal Site: SNI-IF91

Photo 1: Detail- tentative artefact	**Photo 2:** Detail- tentative artefact	**Photo 3:** Detail- tentative artefact	**Photo 4:** Detail- tentative artefact

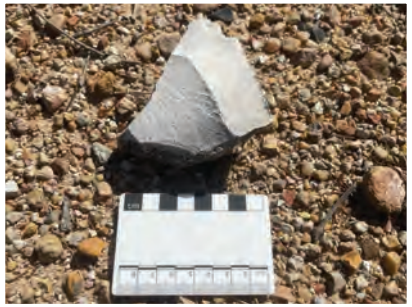



Photo 5: View north east	**Photo 6:**	**Photo 7:**	**Photo 8:**
			

Aboriginal Site: SNI-IF92

Photo 1: View south	**Photo 2:** Detail- quartz flake	**Photo 3:** Detail- quartz flake	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

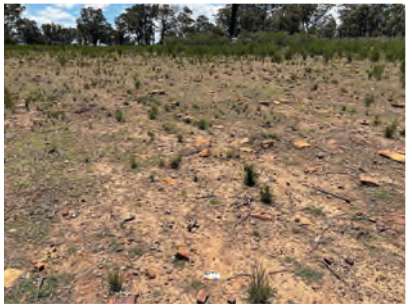
Aboriginal Site: SNI-IF93

Photo 1: View south	**Photo 2:** Detail- tentative core	**Photo 3:** Detail- tentative core	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF94

Photo 1: Detail- quartz flake	**Photo 2:** Detail- quartz flake	**Photo 3:** View north	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF96

Photo 1: Detail- mudstone flake	**Photo 2:** Deail- mudstone flake	**Photo 3:** View north	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF97

Photo 1: Detail- quartz flake	**Photo 2:** View west	**Photo 3:** View north	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF98

Photo 1: Detail- quartz flake	**Photo 2:** View east	**Photo 3:**	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-IF99

Photo 1: Detail- Petrified wood flake	**Photo 2:** View south east	**Photo 3:**	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-RS05

Photo 1: Detail- rockshelter	**Photo 2:** Detail- rockshelter	**Photo 3:** Detail- rockshelter	**Photo 4:** View east
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

Aboriginal Site: SNI-RS06

Photo 1: Detail- rockshelter, view west	**Photo 2:** Detail- rockshelter, view north	**Photo 3:** View south	**Photo 4:**
			
Photo 5:	**Photo 6:**	**Photo 7:**	**Photo 8:**

D.3 Aboriculturist assessment report

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Connecting people and trees™

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The Australian College of Arboriculture P/L (ACN 069470944 ABN 59069470944) as licensee of Arborist Network

File notes for:	Phillipa O'Brien-Pounde, **EMM Consulting**	**Document date:**	5th February 2024
Site address:	Multiple sites	**File number:**	CD2596

Trees inspected: Potential scar trees

A site visit took place in response to a request from the client to inspect and assess potential scar trees (that is, trees that were culturally modified by the Wiradjuri Peoples prior to their displacement from their land). A site inspection took place on 18th January 2024.

Assumptions

The assessment of the trees is made on the following assumptions. European occupation of the land started around 1815 to 1825 and involved building roads and clearing and fencing the land. In the process, the Wiradjuri Peoples were mostly displaced by the last decade of the 1800s. A few isolated Wiradjuri persisted on their land into the first decade of the 1900s. Based on this timeframe, any scarring would need to be at least 120 years old, and the tree would need to be at least 140 to 160 years old to be of a suitable size at the time of scarring.

The rainfall for Gulgong is a little over 600 mm. For the sake of this report, it has been assumed that the rainfall in the area of the trees inspected is around this on average and is fairly evenly distributed over the year.

The identification of the species of tree was based on broad physical characteristics rather than a detailed taxonomical assessment. Regardless of the species/subspecies, all trees were endemic Eucalypts.

Observations

Access was not available to two sites (three of the trees – Trees SNI-CMT02, SNI-CMT16 and SNI-CMT14). In addition, one tree (36-3-0103) could not be located and was presumed to have failed and degraded or been washed away, and another tree (36-3-0638) was a tree that had previously been assessed and found not to be culturally modified. Finally, Trees 36-3-0626 and 36-3-0643 have been previously assessed, were found not to have been culturally modified and have been removed.

Tree SNI-CMT11

This tree is a Grey Box with a trunk diameter across the wound of 138 cm. The tree is in good health.

The tree has two wounds. The larger wound is on the southern side of the tree, and the smaller wound is on the southern side of the tree. The large wound was around two metres in length and around 60 cm wide. The wound wood is around 30 cm thick. A smaller wound exists on the western side, and it appears to be similar in depth and, therefore, in age to the larger wound.

The form of the tree suggests that it grew sometime after the initial clearing of the site had occurred. Based on the trunk diameter and form of the tree, it seems likely that the tree is around 140 years old. The larger wound is likely to be somewhere between 30 and 60 years old.

Tree SNI-CMT03

This tree is a Grey Box. It has a trunk diameter of 143 cm across the wound. The tree is in declining health and is likely to have been declining for a decade or more. There is borer and fire damage apparent on the trunk. The form of the tree suggests that it was a young tree with an already established form when clearing took place on the site.

The wound is on the eastern side and starts at about a metre from the ground and extends to around 3.2 metres above ground. The wound was originally around 80 cm wide and had around 25 cm of woundwood on the margins.

Based on the diameter and the form, allowing for reduced growth for a decade or more, it is conceivable that this tree is around 160 years old. The wound is likely to be between 35 and 60 years old.

Tree 36-3-0565 CMT

This is a Forest Redgum with a trunk diameter of a little over 1.2 metres. There is an indentation or depression associated with an old wound. Originally, this tree was recorded as having a narrow opening that has since occluded. The original wound was about 2.4 metres in length.

The tree appears to be less than 120 years old, and the wound is 40 to 60 years old. Based on the shape of the wound, it appears that the wound may have resulted from a stem failure and subsequent occlusion of that wound.

Tree SNI-CMT01

This is a Grey Box with a trunk diameter of 134 cm. The tree appears to have the form of a tree that had greater competition from other trees that have subsequently been removed. The base of the tree has a distinct swelling, suggesting that there is some internal decay.

The wound itself has occluded. Based on the seam and the body language of the tree, the original wound appears to have been about 1.6 metres in length and perhaps about 40 to 60 cm wide. The wound appears to have been formed in the first third of the tree's life.

Given the form of the tree and its diameter, and taking into account the adaptive growth, the tree appears to be around 130 years old.

Tree SNI-CMT20

This is a relatively young and healthy tree growing on the verge of Dapper Road. Uphill and less than two metres from the base of the tree is a drainage berm built to divert water from the margins of the road.

The tree has a diameter across the wound of 73 centimetres. The tree is unlikely to be older than 80 years, and the wound is unlikely to be more than 30 to 40 years old. While the size of the wound is consistent with a bark shield of coolamon, this is little more than coincidental. In addition, wood, rather than bark, appears to be a more commonly used material for each of these items, and there is no evidence that wood has been removed.

Discussion

As has already been stated, it is assumed that any Traditional Culturally Modified Tree (Traditional Scar Tree) in the area must have been injured 120 years or more ago. There are four primary requirements for a tree to be a Traditional Scar Tree. A tree with a scar that does not satisfy all four of these requirements cannot be a Traditional Scar Tree (Hartley, 2022)[1].

The four critical components are:

a. **Handmade** - *The scar must arise from the use of basic cutting and carving tools, and*

b. **Tree age and size** - *The tree must have been present and big enough to have been scarred by the traditional custodians before they were displaced, and*

c. **The age of the scar** - *The scar must have been made before the traditional owners were dispossessed of their land, and*

d. **The shape of the scar** - *The wound must be of a shape, size and form consistent with some form of cultural use or practice*.
(Hartley, 2022, p. 2)

Each of the trees and the wounds has been assessed against these four criteria.

Tree SNI-CMT11

a. The scar is large and continues to the ground. The margins of the side and the top of the wound are covered by wound wood. There are no axe marks along the base of the wound. There was nothing that was observed that clearly shows how the injury occurred.
b. Based on the age of trees similar in size, this tree was a young tree in the early part of the 1900s, perhaps with a trunk diameter of 30 cm or so.
c. The age of the scar is far too young to have been the result of cultural activity. Even if the upper age of the scar were extended by 50%, the scar would still not be old enough.
d. The scar is far too large to have been made while forming a cultural artifact other than perhaps bark for shelter. However, this use is eliminated regardless due to the young age of the scar.

While the tree is old enough to have been culturally modified, the scar is too young for it to have been the result of cultural modification. Impact from a falling tree or fire damage could be two possible causes of the wound.

Tree SNI-CMT03

a. There are no indicia present to show that the wound was man-made or how it was made. The upper height of the wound suggests that the wound was not man-made.
b. Based on the age of trees similar in size, this tree was young in the first decade of the 1900s, perhaps with a trunk diameter of 30 cm or so.
c. The scar is too young to be the result of cultural modification.
d. The size and location of the wound are inconsistent with cultural use. It is incongruous to consider the bottom of the scar being a metre above ground and that a Wiradjuri person then climbed two or more metres off the ground to form the artifact. In addition, the size of the wound is inconsistent with anything but shelter, and even then, it is abnormally long.

The tree is old enough to have been a candidate for cultural modification, but the scarring is too young. The location and size of the scar are inconsistent with cultural modification. The tree is not a Traditional Scar Tree. A possible cause of the damage is cockatoo activity.

[1] Hartley, M 2022, 'Culturally modified trees – dispelling the myths', paper presented to the Arboriculture Australia conference, Queensland, 19-21 May 2022.

Tree 36-3-0565 CMT

a. The wound had completely occluded. Based on the body language of the wound, it seems most likely that the wound is the result of the failure of a stem. There is nothing that shows that the wound was man-made.
b. Based on the age of trees similar in size, this may have been a young tree in the first decade of the 1900s, perhaps with a trunk diameter of 10 -20 cm or so. This suggests the tree is too young to have been culturally modified.
c. Based on b. above, the scar is too young.
d. The scar is not consistent with any cultural artifact, and the height, spread and location of the wound are also inconsistent with cultural modification. Aside from the formation of a canoe, there was no necessity to make a large scar that involved working aloft.

The body language of the wound, the age of the tree, the scar, and the shape and location of the scar are all inconsistent with cultural modification. It appears that this wound is the result of the failure of a codominant stem or the socket failure of a large branch.

Tree SNI-CMT01

a. There was nothing that allowed a determination to be made that the wound was or was not man-made.
b. Based on the age of trees similar in size, this tree was a young canopy tree in the first decade of the 1900s. However, the swelling of the base of the tree is consistent with adaptive growth caused by an internal hollow (basal cavity).
c. The wound wood is conceivably 50 cm or so thick, and therefore, the wound could have been made in the early part of the last century, probably about the 1920's or 1930's.
d. The size and the shape of the scar are not consistent with any traditional activity other than perhaps the removal of bark for shelter. Even if the wound was made in the 1910s, it seems unlikely that shelter formation would have been a regular activity.

While this tree represents a close approximation to a culturally modified tree, the tree itself was likely to have been little more than a sapling prior to dispossession. Even if the growth rate had been retarded due to some factor, there is nothing to support the assertion that this tree had been wounded to form an artifact.

Wiradjuri representative Bradley Bliss made a case for this tree being on or close to a potential route used by the Wiradjuri People. I suggested that the use of any such route would have diminished significantly for the few remaining Wiradjuri Peoples present in the last decade of the 1800s and the first decade of the 1900s. Mr Bliss agreed with this assumption and stated that the possible use of the bark for shelter could be ignored.

Tree SNI-CMT20

a. There is nothing that suggests that the wound was handmade. There is some evidence to suggest that the wound was formed by the impact of machinery that occurred during the construction of the adjacent berm.
b. The tree is far too young. The tree appears to have grown sometime in the 1950s and certainly not before the 1930s. This is two to four decades after the displacement of the community.
c. The wound was made sometime after 1980. This eliminates the tree as a traditional scar tree.
d. The shape and size of the scar are consistent with a shield or large coolamon.

The tree and the scar are far too young for this to be a culturally modified tree. It would appear that this tree was damaged during the formation of the drainage berm.

Based on these initial findings, it was recommended that no further testing be undertaken. However, if further testing is required, it is suggested a digital Resistograph could be used to estimate the age of the wound wood, or radiocarbon dating of the wound face could be undertaken. These options would further reduce the uncertainty of the age of the wounds.

Conclusion

The evidence demonstrates that the trees are not Traditional Scar Trees because they fail to meet two or more of the prerequisites. While the shape of several of the scars is consistent with numerous artifacts, the shape is unreliable because it is the shape most frequently adopted by trees to allow for the occlusion of a wound (Long, 2005, p.10[2]; Hartley, 2022).

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[2] Long, A 2005. Aboriginal scarred trees in New South Wales: a field manual, Department of Environment and Conservation.

Summary of findings

Requirement	Tree identifier
	Tree SNI-CMT11
Hand made	No evidence to the contrary but not possible due to the age of the scar.
Tree is old enough	Potentially a young tree in 1900.
Scar is old enough	The scar is 30 to 60 years old, and this is far too recent.
Traditional use	The scar is not consistent with cultural artifacts (ignoring shelter).
	Tree SNI-CMT03
Hand made	Unlikely due to the upper height of the wound.
Tree is old enough	The tree is old enough.
Scar is old enough	The scar is far too recent.
Traditional use	The size, shape and location of the scar are inconsistent with traditional use.
	Tree 36-3-0565 CMT
Hand made	The wound appears to have arisen from a stem failure.
Tree is old enough	The tree is too young to have been of an appropriate size.
Scar is old enough	The scar is too young.
Traditional use	The wound is not consistent with traditional use.
	Tree SNI-CMT01
Hand made	No evidence to the contrary.
Tree is old enough	Yes.
Scar is old enough	The scar does not appear to be old enough.
Traditional use	The size and shape are inconsistent – if used for shelter, the bark would have been unusually long.
	Tree SNI-CMT20
Hand made	Not possible due to the age of the tree.
Tree is old enough	The tree is far too young.
Scar is old enough	The scar is too young.
Traditional use	The shape is good but appears to have been formed by a grader.

Supporting images

Image 1: While Tree SNI-CMT11 may be old enough to be a scar tree, the scar is far too recent.

Image 2: Tree SNI-CMT03 is old enough to be a scar tree, but the wound is still relatively recent and unacceptably large.

Image 3: The height and location of the scar on Tree SNI-CMT03 are inconsistent with cultural scarring. The location means that it is not a canoe tree.

Image 4: Tree 36-3-0565 is only just old enough to be a scar tree, but the wound appears to be associated with an old stem failure.

Image 5: Based on the initial dimensions, Tree SNI-CMT01 may be old enough, and the wound was deep enough to merit consideration.

Image 6: There is swelling at the base of the tree, suggesting the presence of an internal cavity, which could be consistent with a coolamon.

Image 7: The length of the scar eliminates the possibility of the tree being used for anything other than bark for shelter, and this seems highly improbable for other reasons.

Image 8: While the wound is an ideal size and shape, Tree SNI-CMT20 is too young to be a scar tree. It is likely that this scar was formed as a result of impact by a grader.

D.4 Test pit information

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
1	Gently inclined (3–10%)	704461	6430183	138	2nd order	Prospect Creek	35	Y	0	0
2	Gently inclined (3–10%)	704461	6430168	126	2nd order	Prospect Creek	40	Y	0	0
3	Gently inclined (3–10%)	704461	6430153	115	2nd order	Prospect Creek	25	Y	0	0
4	Moderately inclined (10–32%)	704461	6430138	104	2nd order	Prospect Creek	30	Y	0	0
5	Moderately inclined (10–32%)	704461	6430123	93	2nd order	Prospect Creek	30	Y	0	0
6	Gently inclined (3–10%)	704461	6430108	82	2nd order	Prospect Creek	45	Y	0	0
7	Gently inclined (3–10%)	704461	6430093	73	2nd order	Prospect Creek	30	Y	0	0
8	Gently inclined (3–10%)	704461	6430078	65	2nd order	Prospect Creek	30	Y	0	0
9	Gently inclined (3–10%)	704461	6430063	58	2nd order	Prospect Creek	40	Y	0	0
10	Gently inclined (3–10%)	704461	6430048	50	2nd order	Prospect Creek	40	Y	0	0
11	Gently inclined (3–10%)	704461	6430033	43	2nd order	Prospect Creek	50	Y	0	0
12	Gently inclined (3–10%)	704461	6430018	35	2nd order	Prospect Creek	30	Y	0	0
13	Very gently inclined (1–3%)	704461	6430003	28	2nd order	Prospect Creek	-	N	-	-
14	Level (0–1%)	704461	6429988	23	2nd order	Prospect Creek	-	N	-	-
15	Gently inclined (3–10%)	704463	6429974	25	2nd order	Prospect Creek	-	N	-	-
16	Gently inclined (3–10%)	704478	6429972	40	2nd order	Prospect Creek	-	N	-	-
17	Gently inclined (3–10%)	704493	6429969	55	2nd order	Prospect Creek	35	Y	5	20
18	Gently inclined (3–10%)	704507	6429966	70	2nd order	Prospect Creek	40	Y	0	0

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
19	Gently inclined (3–10%)	704522	6429963	85	2nd order	Prospect Creek	50	Y	0	0
20	Gently inclined (3–10%)	704537	6429960	99	2nd order	Prospect Creek	50	Y	0	0
21	Gently inclined (3–10%)	704552	6429957	114	2nd order	Prospect Creek	50	Y	0	0
22	Gently inclined (3–10%)	704566	6429955	129	2nd order	Prospect Creek	35	Y	0	0
23	Gently inclined (3–10%)	704581	6429952	144	2nd order	Prospect Creek	35	Y	0	0
24	Gently inclined (3–10%)	708924	6434268	149	5th order	Sandy Creek	20	Y	0	0
25	Gently inclined (3–10%)	708936	6434276	134	5th order	Sandy Creek	20	Y	0	0
26	Gently inclined (3–10%)	708949	6434284	120	5th order	Sandy Creek	10	Y	0	0
27	Gently inclined (3–10%)	708976	6434294	105	5th order	Sandy Creek	45	Y	0	0
28	Gently inclined (3–10%)	708988	6434299	90	5th order	Sandy Creek	10	Y	2	8
29	Gently inclined (3–10%)	709002	6434305	75	5th order	Sandy Creek	10	Y	0	0
30	Gently inclined (3–10%)	709017	6434313	61	5th order	Sandy Creek	30	Y	0	0
31	Gently inclined (3–10%)	709031	6434319	46	5th order	Sandy Creek	45	Y	0	0
32	Gently inclined (3–10%)	709043	6434326	31	5th order	Sandy Creek	60	Y	0	0
33	Gently inclined (3–10%)	709045	6434316	35	5th order	Sandy Creek	50	Y	0	0
34	Moderately inclined (10–32%)	709069	6434327	9	5th order	Sandy Creek	60	Y	1	4
35	Moderately inclined (10–32%)	709066	6434338	10	5th order	Sandy Creek	50	Y	3	12
36	Very gently inclined (1–3%)	709079	6434344	24	5th order	Sandy Creek	60	Y	0	0

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
37	Very gently inclined (1–3%)	709091	6434355	37	5th order	Sandy Creek	40	Y	0	0
38	Very gently inclined (1–3%)	709105	6434358	50	5th order	Sandy Creek	40	Y	5	20
39	Very gently inclined (1–3%)	709117	6434367	63	5th order	Sandy Creek	50	Y	1	4
40	Gently inclined (3–10%)	709129	6434375	76	5th order	Sandy Creek	50	Y	3	12
41	Gently inclined (3–10%)	709144	6434380	88	5th order	Sandy Creek	50	Y	0	0
42	Gently inclined (3–10%)	709157	6434389	96	5th order	Sandy Creek	30	Y	1	4
43	Gently inclined (3–10%)	709170	6434396	104	5th order	Sandy Creek	20	Y	4	16
44	Gently inclined (3–10%)	709183	6434404	113	5th order	Sandy Creek	30	Y	2	8
45	Very gently inclined (1–3%)	709197	6434411	121	5th order	Sandy Creek	35	Y	7	28
46	Very gently inclined (1–3%)	709208	6434423	125	5th order	Sandy Creek	30	Y	3	12
47	Very gently inclined (1–3%)	709218	6434433	129	5th order	Sandy Creek	40	Y	1	4
48	Very gently inclined (1–3%)	709229	6434443	130	5th order	Sandy Creek	30	Y	11	44
49	Very gently inclined (1–3%)	709239	6434454	128	5th order	Sandy Creek	25	Y	5	20
50	Very gently inclined (1–3%)	709251	6434463	125	5th order	Sandy Creek	20	Y	1	4
51	Gently inclined (3–10%)	709263	6434473	115	5th order	Sandy Creek	20	Y	8	32
52	Gently inclined (3–10%)	709272	6434483	105	5th order	Sandy Creek	20	Y	19	19
53	Gently inclined (3–10%)	709283	6434494	97	5th order	Sandy Creek	25	Y	5	20
54	Gently inclined (3–10%)	709295	6434502	90	5th order	Sandy Creek	40	Y	2	8

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
55	Gently inclined (3–10%)	709306	6434512	85	5th order	Sandy Creek	25	Y	6	24
56	Gently inclined (3–10%)	709319	6434521	79	5th order	Sandy Creek	30	Y	4	16
57	Gently inclined (3–10%)	709330	6434530	75	5th order	Sandy Creek	35	Y	7	28
58	Gently inclined (3–10%)	709342	6434541	74	5th order	Sandy Creek	30	Y	24	24
59	Gently inclined (3–10%)	709270	6434480	73	5th order	Sandy Creek	25	Y	3	12
60	Gently inclined (3–10%)	709361	6434559	73	5th order	Sandy Creek	40	Y	7	28
61	Very gently inclined (1–3%)	709374	6434570	74	5th order	Sandy Creek	30	Y	2	8
62	Very gently inclined (1–3%)	709387	6434575	76	5th order	Sandy Creek	30	Y	0	0
63	Very gently inclined (1–3%)	709402	6434583	79	5th order	Sandy Creek	25	Y	2	8
64	Level (0–1%)	709415	6434587	81	5th order	Sandy Creek	30	Y	0	0
65	Level (0–1%)	709429	6434593	84	5th order	Sandy Creek	20	Y	0	0
66	Level (0–1%)	709442	6434599	87	5th order	Sandy Creek	20	Y	0	0
67	Level (0–1%)	709456	6434605	89	5th order	Sandy Creek	20	Y	0	0
68	Very gently inclined (1–3%)	709470	6434610	94	5th order	Sandy Creek	15	Y	0	0
69	Very gently inclined (1–3%)	709484	6434616	102	5th order	Sandy Creek	30	Y	1	4
70	Very gently inclined (1–3%)	709500	6434617	115	5th order	Sandy Creek	25	Y	0	0
71	Very gently inclined (1–3%)	709516	6434614	128	5th order	Sandy Creek	15	Y	1	4
72	Very gently inclined (1–3%)	709531	6434611	141	5th order	Sandy Creek	20	Y	1	4

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
73	Level (0–1%)	714202	6436012	141	4th order	Laheys Creek	30	Y	6	24
74	Gently inclined (3–10%)	714216	6436019	132	4th order	Laheys Creek	35	Y	93	93
74 NW	Level (0–1%)	714212	6436021	184	4th order	Laheys Creek	30	Y	30	30
74 SE	Level (0–1%)	714219	6436014	174	4th order	Laheys Creek	30	Y	22	22
75	Gently inclined (3–10%)	714230	6436025	131	4th order	Laheys Creek	20	Y	4	16
75 NW	Level (0–1%)	714209	6436025	165	4th order	Laheys Creek	35	Y	6	24
76	Gently inclined (3–10%)	714243	6436031	136	4th order	Laheys Creek	50	Y	6	24
77	Very gently inclined (1–3%)	714257	6436037	128	4th order	Laheys Creek	40	Y	7	28
78	Gently inclined (3–10%)	714271	6436043	123	4th order	Laheys Creek	30	Y	1	4
79	Gently inclined (3–10%)	714187	6436000	111	4th order	Laheys Creek	20	Y	2	8
80	Gently inclined (3–10%)	714175	6435994	97	4th order	Laheys Creek	35	Y	0	0
81	Very gently inclined (1–3%)	714312	6436062	83	4th order	Laheys Creek	-	N	-	-
82	Very gently inclined (1–3%)	714326	6436068	157	4th order	Laheys Creek	-	N	-	-
83	Gently inclined (3–10%)	714339	6436074	166	4th order	Laheys Creek	-	N	-	-
84	Very gently inclined (1–3%)	714353	6436080	43	4th order	Laheys Creek	-	N	-	-
85	Gently inclined (3–10%)	714367	6436086	29	4th order	Laheys Creek	-	N	-	-
86	Moderately inclined (10–32%)	714380	6436092	16	4th order	Laheys Creek	35	Y	2	8

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
87	Gently inclined (3–10%)	714394	6436099	2	4th order	Laheys Creek	35	Y	1	4
88	Moderately inclined (10–32%)	714408	6436105	11	4th order	Laheys Creek	30	Y	8	32
89	Gently inclined (3–10%)	714421	6436111	25	4th order	Laheys Creek	30	Y	139	139
89 NW	Gently inclined (3–10%)	714417	6436114	156	4th order	Laheys Creek	25	Y	3	12
89 SE	Gently inclined (3–10%)	714424	6436105	147	4th order	Laheys Creek	30	Y	1	4
90	Gently inclined (3–10%)	714435	6436117	38	4th order	Laheys Creek	35	Y	1	4
91	Very gently inclined (1–3%)	714449	6436123	52	4th order	Laheys Creek	30	Y	10	40
92	Very gently inclined (1–3%)	714462	6436129	65	4th order	Laheys Creek	25	Y	2	8
93	Very gently inclined (1–3%)	714476	6436136	65	4th order	Laheys Creek	20	Y	0	0
94	Very gently inclined (1–3%)	714490	6436142	62	4th order	Laheys Creek	30	Y	5	20
95	Gently inclined (3–10%)	714503	6436148	79	4th order	Laheys Creek	35	Y	0	0
96	Very gently inclined (1–3%)	714189	6435887	92	4th order	Laheys Creek	15	Y	1	4
97	Very gently inclined (1–3%)	714203	6435893	105	4th order	Laheys Creek	20	Y	1	4
98	Very gently inclined (1–3%)	714216	6435900	119	4th order	Laheys Creek	20	Y	1	4
99	Very gently inclined (1–3%)	714230	6435906	132	4th order	Laheys Creek	20	Y	0	0
100	Gently inclined (3–10%)	714243	6435913	146	4th order	Laheys Creek	30	Y	3	12
101	Very gently inclined (1–3%)	714257	6435919	256	4th order	Laheys Creek	35	Y	1	4

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
102	Very gently inclined (1–3%)	714270	6435925	242	4th order	Laheys Creek	40	Y	10	40
103	Very gently inclined (1–3%)	714284	6435932	228	4th order	Laheys Creek	40	Y	4	16
104	Very gently inclined (1–3%)	714297	6435938	215	4th order	Laheys Creek	30	Y	10	40
105	Very gently inclined (1–3%)	714365	6435954	201	4th order	Laheys Creek	30	Y	2	8
106	Very gently inclined (1–3%)	714379	6435960	188	4th order	Laheys Creek	30	Y	4	16
107	Very gently inclined (1–3%)	714461	6435999	174	4th order	Laheys Creek	15	Y	0	0
108	Very gently inclined (1–3%)	714475	6436005	160	4th order	Laheys Creek	30	Y	17	68
109	Very gently inclined (1–3%)	714489	6436011	147	4th order	Laheys Creek	35	Y	9	36
110	Gently inclined (3–10%)	714502	6436018	90	4th order	Laheys Creek	30	Y	5	20
111	Very gently inclined (1–3%)	714516	6436024	77	4th order	Laheys Creek	30	Y	5	20
112	Moderately inclined (10–32%)	714529	6436030	4	4th order	Laheys Creek	30	Y	1	4
113	Gently inclined (3–10%)	714543	6436036	18	4th order	Laheys Creek	30	Y	4	16
114	Level (0–1%)	714557	6436042	31	4th order	Laheys Creek	40	Y	12	48
115	Very gently inclined (1–3%)	714570	6436048	45	4th order	Laheys Creek	10	Y	2	8
116	Very gently inclined (1–3%)	714584	6436055	58	4th order	Laheys Creek	10	Y	4	16
117	Gently inclined (3–10%)	714598	6436061	73	4th order	Laheys Creek	15	Y	7	28
118	Gently inclined (3–10%)	730283	6437444	87	5th order	Tallawang Creek	-	N	-	-
119	Gently inclined (3–10%)	730295	6437453	101	5th order	Tallawang Creek	-	N	-	-

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
120	Gently inclined (3–10%)	730307	6437462	115	5th order	Tallawang Creek	-	N	-	-
121	Gently inclined (3–10%)	730319	6437472	129	5th order	Tallawang Creek	-	N	-	-
122	Gently inclined (3–10%)	730331	6437481	144	5th order	Tallawang Creek	-	N	-	-
123	Gently inclined (3–10%)	730343	6437490	128	5th order	Tallawang Creek	-	N	-	-
124	Gently inclined (3–10%)	730354	6437499	116	5th order	Tallawang Creek	-	N	-	-
125	Gently inclined (3–10%)	730366	6437508	104	5th order	Tallawang Creek	-	N	-	-
126	Very gently inclined (1–3%)	730378	6437518	92	5th order	Tallawang Creek	-	N	-	-
127	Very gently inclined (1–3%)	730390	6437527	79	5th order	Tallawang Creek	-	N	-	-
128	Very gently inclined (1–3%)	730402	6437536	67	5th order	Tallawang Creek	-	N	-	-
129	Gently inclined (3–10%)	730414	6437545	55	5th order	Tallawang Creek	-	N	-	-
130	Moderately inclined (10–32%)	730425	6437554	43	5th order	Tallawang Creek	-	N	-	-
131	Gently inclined (3–10%)	730437	6437564	31	5th order	Tallawang Creek	-	N	-	-
132	Gently inclined (3–10%)	730449	6437573	18	5th order	Tallawang Creek	-	N	-	-
133	Moderately inclined (10–32%)	730461	6437582	6	5th order	Tallawang Creek	-	N	-	-
134	Gently inclined (3–10%)	730473	6437591	6	5th order	Tallawang Creek	-	N	-	-
135	Moderately inclined (10–32%)	730485	6437600	18	5th order	Tallawang Creek	-	N	-	-
136	Gently inclined (3–10%)	730497	6437610	31	5th order	Tallawang Creek	-	N	-	-
137	Gently inclined (3–10%)	730508	6437619	43	5th order	Tallawang Creek	-	N	-	-

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
138	Gently inclined (3–10%)	730520	6437628	55	5th order	Tallawang Creek	-	N	-	-
139	Gently inclined (3–10%)	730532	6437637	67	5th order	Tallawang Creek	-	N	-	-
140	Gently inclined (3–10%)	730266	6437279	79	5th order	Tallawang Creek	-	N	-	-
141	Gently inclined (3–10%)	730281	6437278	92	5th order	Tallawang Creek	-	N	-	-
142	Gently inclined (3–10%)	730296	6437277	102	5th order	Tallawang Creek	-	N	-	-
143	Very gently inclined (1–3%)	730311	6437278	111	5th order	Tallawang Creek	-	N	-	-
144	Very gently inclined (1–3%)	730323	6437287	118	5th order	Tallawang Creek	-	N	-	-
145	Gently inclined (3–10%)	730335	6437296	112	5th order	Tallawang Creek	-	N	-	-
146	Gently inclined (3–10%)	730347	6437305	97	5th order	Tallawang Creek	-	N	-	-
147	Gently inclined (3–10%)	730359	6437314	82	5th order	Tallawang Creek	-	N	-	-
148	Gently inclined (3–10%)	730371	6437323	68	5th order	Tallawang Creek	-	N	-	-
149	Very gently inclined (1–3%)	730383	6437332	56	5th order	Tallawang Creek	-	N	-	-
150	Very gently inclined (1–3%)	730395	6437341	44	5th order	Tallawang Creek	-	N	-	-
151	Gently inclined (3–10%)	730407	6437350	32	5th order	Tallawang Creek	-	N	-	-
152	Gently inclined (3–10%)	730419	6437359	20	5th order	Tallawang Creek	-	N	-	-
153	Moderately inclined (10–32%)	730431	6437368	8	5th order	Tallawang Creek	-	N	-	-
154	Moderately inclined (10–32%)	730443	6437376	4	5th order	Tallawang Creek	-	N	-	-
155	Gently inclined (3–10%)	730455	6437385	16	5th order	Tallawang Creek	-	N	-	-

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
156	Moderately inclined (10–32%)	730467	6437394	25	5th order	Tallawang Creek	-	N	-	-
157	Moderately inclined (10–32%)	730479	6437403	29	5th order	Tallawang Creek	-	N	-	-
158	Moderately inclined (10–32%)	730491	6437412	32	5th order	Tallawang Creek	-	N	-	-
159	Moderately inclined (10–32%)	730503	6437421	41	5th order	Tallawang Creek	-	N	-	-
160	Gently inclined (3–10%)	730515	6437430	51	5th order	Tallawang Creek	-	N	-	-
161	Gently inclined (3–10%)	733810	6428898	61	5th order	Tallawang Creek	50	Y	0	0
162	Gently inclined (3–10%)	733811	6428883	71	5th order	Tallawang Creek	50	Y	6	24
163	Gently inclined (3–10%)	733813	6428868	81	5th order	Tallawang Creek	50	Y	3	12
164	Gently inclined (3–10%)	733814	6428853	91	5th order	Tallawang Creek	60	Y	2	8
165	Gently inclined (3–10%)	733815	6428838	103	5th order	Tallawang Creek	40	Y	0	0
166	Very gently inclined (1–3%)	733816	6428823	139	5th order	Tallawang Creek	50	Y	0	0
167	Gently inclined (3–10%)	733817	6428808	125	5th order	Tallawang Creek	30	Y	0	0
168	Very gently inclined (1–3%)	733818	6428793	111	5th order	Tallawang Creek	30	Y	64	64
169	Very gently inclined (1–3%)	733819	6428778	97	5th order	Tallawang Creek	50	Y	0	0
170	Level (0–1%)	733820	6428763	83	5th order	Tallawang Creek	50	Y	1	4
171	Very gently inclined (1–3%)	733821	6428748	69	5th order	Tallawang Creek	-	N	-	-
172	Very gently inclined (1–3%)	733822	6428733	55	5th order	Tallawang Creek	-	N	-	-
173	Gently inclined (3–10%)	733823	6428718	41	5th order	Tallawang Creek	-	N	-	-

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
174	Gently inclined (3–10%)	733824	6428703	27	5th order	Tallawang Creek	30	Y	3	12
175	Gently inclined (3–10%)	733826	6428688	13	5th order	Tallawang Creek	40	Y	9	9
176	Moderately inclined (10–32%)	733829	6428674	1	5th order	Tallawang Creek	35	Y	4	16
177	Moderately inclined (10–32%)	733838	6428662	14	5th order	Tallawang Creek	40	Y	3	12
178	Moderately inclined (10–32%)	733848	6428651	29	5th order	Tallawang Creek	30	Y	3	12
179	Gently inclined (3–10%)	733858	6428640	44	5th order	Tallawang Creek	30	Y	7	28
180	Very gently inclined (1–3%)	733869	6428629	59	5th order	Tallawang Creek	30	Y	6	24
181	Level (0–1%)	733879	6428618	73	5th order	Tallawang Creek	30	Y	4	16
182	Very gently inclined (1–3%)	733889	6428607	85	5th order	Tallawang Creek	35	Y	3	12
183	Very gently inclined (1–3%)	733899	6428596	96	5th order	Tallawang Creek	30	Y	1	4
184	Level (0–1%)	733910	6428585	107	5th order	Tallawang Creek	45	Y	0	0
185	Very gently inclined (1–3%)	733920	6428574	118	5th order	Tallawang Creek	35	Y	4	16
186	Very gently inclined (1–3%)	733930	6428563	126	5th order	Tallawang Creek	35	Y	20	20
187	Very gently inclined (1–3%)	733940	6428552	130	5th order	Tallawang Creek	35	Y	7	28
188	Very gently inclined (1–3%)	733950	6428541	132	5th order	Tallawang Creek	40	Y	6	24
189	Very gently inclined (1–3%)	733960	6428530	133	5th order	Tallawang Creek	55	Y	0	0
190	Very gently inclined (1–3%)	733971	6428519	134	5th order	Tallawang Creek	25	Y	0	0
191	Level (0–1%)	733987	6428502	136	5th order	Tallawang Creek	25	Y	1	4

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
192	Level (0–1%)	733997	6428491	139	5th order	Tallawang Creek	-	N	-	-
193	Very gently inclined (1–3%)	734007	6428480	142	5th order	Tallawang Creek	-	N	-	-
194	Very gently inclined (1–3%)	734017	6428469	145	5th order	Tallawang Creek	10	Y	0	0
195	Level (0–1%)	734027	6428458	147	5th order	Tallawang Creek	25	Y	1	4
196	Level (0–1%)	734037	6428447	147	5th order	Tallawang Creek	-	N	-	-
197	Level (0–1%)	734048	6428436	142	5th order	Tallawang Creek	-	N	-	-
198	Level (0–1%)	734058	6428425	137	5th order	Tallawang Creek	35	Y	10	10
199	Level (0–1%)	734068	6428414	132	5th order	Tallawang Creek	48	Y	2	8
200	Level (0–1%)	734078	6428403	129	5th order	Tallawang Creek	35	Y	3	12
201	Very gently inclined (1–3%)	734088	6428392	126	5th order	Tallawang Creek	40	Y	1	4
202	Very gently inclined (1–3%)	734098	6428381	123	5th order	Tallawang Creek	45	Y	2	8
203	Very gently inclined (1–3%)	734109	6428370	119	5th order	Tallawang Creek	53	Y	0	0
204	Very gently inclined (1–3%)	734119	6428359	116	5th order	Tallawang Creek	30	Y	4	16
205	Very gently inclined (1–3%)	734129	6428347	115	5th order	Tallawang Creek	45	Y	3	12
206	Gently inclined (3–10%)	734139	6428336	116	5th order	Tallawang Creek	30	Y	0	0
207	Very gently inclined (1–3%)	734149	6428325	118	5th order	Tallawang Creek	43	Y	1	4
208	Very gently inclined (1–3%)	734159	6428314	121	5th order	Tallawang Creek	50	Y	1	4
209	Very gently inclined (1–3%)	734180	6428292	123	5th order	Tallawang Creek	33	Y	1	4

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
210	Level (0–1%)	734169	6428303	126	5th order	Tallawang Creek	35	Y	0	0
211	Level (0–1%)	734190	6428281	128	5th order	Tallawang Creek	30	Y	1	4
212	Very gently inclined (1–3%)	734080	6428417	131	5th order	Tallawang Creek	25	Y	0	0
213	Level (0–1%)	734083	6428432	134	5th order	Tallawang Creek	53	Y	0	0
214	Very gently inclined (1–3%)	734085	6428447	140	5th order	Tallawang Creek	30	Y	2	8
215	Very gently inclined (1–3%)	734088	6428462	137	5th order	Tallawang Creek	20	Y	0	0
216	Very gently inclined (1–3%)	734090	6428477	143	5th order	Tallawang Creek	30	Y	1	4
217	Very gently inclined (1–3%)	734093	6428492	104	5th order	Tallawang Creek	30	Y	1	4
218	Very gently inclined (1–3%)	734095	6428506	94	5th order	Tallawang Creek	35	Y	1	4
219	Level (0–1%)	734097	6428521	84	5th order	Tallawang Creek	35	Y	0	0
220	Level (0–1%)	734100	6428536	75	5th order	Tallawang Creek	25	Y	4	16
221	Level (0–1%)	734102	6428551	65	5th order	Tallawang Creek	55	Y	0	0
222	Level (0–1%)	734105	6428566	56	5th order	Tallawang Creek	-	N	-	-
223	Level (0–1%)	734314	6438810	46	1st order	Browns Creek	30	Y	0	0
224	Gently inclined (3–10%)	734328	6438813	37	1st order	Browns Creek	35	Y	20	20
225	Gently inclined (3–10%)	734343	6438815	29	1st order	Browns Creek	25	Y	0	0
226	Gently inclined (3–10%)	734358	6438818	22	1st order	Browns Creek	35	Y	1	4
227	Moderately inclined (10–32%)	734373	6438821	14	1st order	Browns Creek	30	Y	1	4

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
228	Gently inclined (3–10%)	734387	6438824	127	1st order	Browns Creek	40	Y	0	0
229	Gently inclined (3–10%)	734402	6438827	112	1st order	Browns Creek	52	Y	0	0
230	Gently inclined (3–10%)	734417	6438829	98	1st order	Browns Creek	40	Y	1	4
231	Gently inclined (3–10%)	734432	6438832	83	1st order	Browns Creek	35	Y	1	4
232	Gently inclined (3–10%)	734446	6438835	69	1st order	Browns Creek	-	N	-	-
233	Gently inclined (3–10%)	734461	6438838	54	1st order	Browns Creek	30	Y	0	0
234	Moderately inclined (10–32%)	734476	6438841	40	1st order	Browns Creek	35	Y	0	0
235	Moderately inclined (10–32%)	734491	6438843	25	1st order	Browns Creek	50	Y	1	4
236	Moderately inclined (10–32%)	734505	6438846	11	1st order	Browns Creek	50	Y	1	4
237	Gently inclined (3–10%)	734520	6438849	3	1st order	Browns Creek	50	Y	1	4
238	Moderately inclined (10–32%)	734535	6438852	17	1st order	Browns Creek	40	Y	0	0
239	Gently inclined (3–10%)	734549	6438855	31	1st order	Browns Creek	50	Y	1	4
240	Gently inclined (3–10%)	734564	6438858	45	1st order	Browns Creek	45	Y	1	4
241	Gently inclined (3–10%)	734579	6438860	55	1st order	Browns Creek	35	Y	0	0
242	Gently inclined (3–10%)	734594	6438863	57	1st order	Browns Creek	40	Y	2	2
243	Gently inclined (3–10%)	734608	6438866	60	1st order	Browns Creek	35	Y	2	8
244	Gently inclined (3–10%)	734257	6438659	66	1st order	Browns Creek	40	Y	0	0
245	Gently inclined (3–10%)	734272	6438661	72	1st order	Browns Creek	40	Y	6	24

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
246	Gently inclined (3–10%)	734287	6438664	78	1st order	Browns Creek	40	Y	4	16
247	Gently inclined (3–10%)	734301	6438667	84	1st order	Browns Creek	35	Y	0	0
248	Gently inclined (3–10%)	734316	6438669	91	1st order	Browns Creek	45	Y	0	0
249	Gently inclined (3–10%)	734331	6438672	120	1st order	Browns Creek	35	Y	0	0
250	Gently inclined (3–10%)	734346	6438675	111	1st order	Browns Creek	50	Y	0	0
251	Gently inclined (3–10%)	734360	6438678	102	1st order	Browns Creek	25	Y	0	0
252	Gently inclined (3–10%)	734375	6438680	93	1st order	Browns Creek	40	Y	3	12
253	Gently inclined (3–10%)	734390	6438683	84	1st order	Browns Creek	40	Y	3	12
254	Gently inclined (3–10%)	734405	6438686	75	1st order	Browns Creek	35	Y	1	4
255	Gently inclined (3–10%)	734419	6438689	66	1st order	Browns Creek	55	Y	0	0
256	Gently inclined (3–10%)	734434	6438691	56	1st order	Browns Creek	45	Y	1	4
257	Gently inclined (3–10%)	734449	6438694	46	1st order	Browns Creek	50	Y	0	0
258	Gently inclined (3–10%)	734463	6438697	34	1st order	Browns Creek	25	Y	0	0
259	Moderately inclined (10–32%)	734478	6438700	22	1st order	Browns Creek	35	Y	0	0
260	Gently inclined (3–10%)	734493	6438702	11	1st order	Browns Creek	30	Y	1	4
261	Moderately inclined (10–32%)	734508	6438705	1	1st order	Browns Creek	40	Y	5	20
262	Gently inclined (3–10%)	734522	6438708	14	1st order	Browns Creek	35	Y	4	16
263	Moderately inclined (10–32%)	734537	6438711	28	1st order	Browns Creek	40	Y	0	0

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
264	Gently inclined (3–10%)	734552	6438713	43	1st order	Browns Creek	35	Y	1	4
265	Very gently inclined (1–3%)	734567	6438716	57	1st order	Browns Creek	45	Y	2	8
266	Very gently inclined (1–3%)	736241	6439177	72	1st order	Whites Creek	30	Y	0	0
267	Gently inclined (3–10%)	736256	6439180	87	1st order	Whites Creek	45	Y	0	0
268	Gently inclined (3–10%)	736271	6439183	101	1st order	Whites Creek	45	Y	0	0
269	Very gently inclined (1–3%)	736286	6439186	116	1st order	Whites Creek	40	Y	5	20
270	Very gently inclined (1–3%)	736300	6439189	131	1st order	Whites Creek	50	Y	0	0
271	Gently inclined (3–10%)	736315	6439191	145	1st order	Whites Creek	35	Y	1	4
272	Gently inclined (3–10%)	736330	6439194	132	1st order	Whites Creek	30	Y	1	4
273	Gently inclined (3–10%)	736345	6439197	119	1st order	Whites Creek	25	Y	0	0
274	Gently inclined (3–10%)	736359	6439200	107	1st order	Whites Creek	20	Y	0	0
275	Gently inclined (3–10%)	736374	6439203	95	1st order	Whites Creek	35	Y	1	4
276	Gently inclined (3–10%)	736389	6439205	85	1st order	Whites Creek	50	Y	1	4
277	Very gently inclined (1–3%)	736404	6439208	76	1st order	Whites Creek	50	Y	2	8
278	Very gently inclined (1–3%)	736418	6439211	67	1st order	Whites Creek	30	Y	1	4
279	Gently inclined (3–10%)	736433	6439214	58	1st order	Whites Creek	55	Y	0	0
280	Moderately inclined (10–32%)	736448	6439217	50	1st order	Whites Creek	20	Y	0	0
281	Gently inclined (3–10%)	736462	6439219	44	1st order	Whites Creek	20	Y	0	0

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
282	Gently inclined (3–10%)	736477	6439222	38	1st order	Whites Creek	-	N	-	-
283	Gently inclined (3–10%)	736492	6439225	31	1st order	Whites Creek	40	Y	0	0
284	Gently inclined (3–10%)	736507	6439228	22	1st order	Whites Creek	35	Y	0	0
285	Gently inclined (3–10%)	736521	6439231	12	1st order	Whites Creek	10	Y	0	0
286	Moderately inclined (10–32%)	736536	6439234	1	1st order	Whites Creek	30	Y	0	0
287	Moderately inclined (10–32%)	736551	6439236	9	1st order	Whites Creek	-	N	-	-
288	Gently inclined (3–10%)	736220	6439023	23	1st order	Whites Creek	35	Y	0	0
289	Moderately inclined (10–32%)	736234	6439025	35	1st order	Whites Creek	60	Y	1	4
290	Gently inclined (3–10%)	736249	6439028	48	1st order	Whites Creek	35	Y	1	4
291	Gently inclined (3–10%)	736264	6439031	61	1st order	Whites Creek	30	Y	0	0
292	Moderately inclined (10–32%)	736279	6439034	74	1st order	Whites Creek	30	Y	0	0
293	Gently inclined (3–10%)	736293	6439036	143	1st order	Whites Creek	35	Y	1	4
294	Gently inclined (3–10%)	736308	6439039	128	1st order	Whites Creek	40	Y	0	0
295	Gently inclined (3–10%)	736323	6439042	113	1st order	Whites Creek	45	Y	0	0
296	Gently inclined (3–10%)	736338	6439045	99	1st order	Whites Creek	25	Y	0	0
297	Gently inclined (3–10%)	736352	6439047	84	1st order	Whites Creek	25	Y	0	0
298	Gently inclined (3–10%)	736367	6439050	70	1st order	Whites Creek	-	N	-	-
299	Gently inclined (3–10%)	736382	6439053	55	1st order	Whites Creek	10	Y	0	0

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
300	Gently inclined (3–10%)	736397	6439055	40	1st order	Whites Creek	25	Y	0	0
301	Gently inclined (3–10%)	736411	6439058	26	1st order	Whites Creek	25	Y	0	0
302	Moderately inclined (10–32%)	736426	6439061	11	1st order	Whites Creek	25	Y	0	0
303	Very gently inclined (1–3%)	736441	6439064	3	1st order	Whites Creek	55	Y	0	0
304	Gently inclined (3–10%)	736455	6439066	18	1st order	Whites Creek	50	Y	0	0
305	Moderately inclined (10–32%)	736470	6439069	32	1st order	Whites Creek	30	Y	1	4
306	Gently inclined (3–10%)	736485	6439072	47	1st order	Whites Creek	50	Y	0	0
307	Moderately inclined (10–32%)	736500	6439075	61	1st order	Whites Creek	50	Y	0	0
308	Gently inclined (3–10%)	736514	6439077	76	1st order	Whites Creek	40	Y	1	4
309	Gently inclined (3–10%)	745164	6442292	90	5th order	Cockabutta Creek	-	N	-	-
310	Gently inclined (3–10%)	745178	6442288	104	5th order	Cockabutta Creek	10	Y	0	0
311	Gently inclined (3–10%)	745193	6442285	119	5th order	Cockabutta Creek	10	Y	0	0
312	Gently inclined (3–10%)	745207	6442281	127	5th order	Cockabutta Creek	10	Y	0	0
313	Gently inclined (3–10%)	745222	6442278	134	5th order	Cockabutta Creek	-	N	-	-
314	Gently inclined (3–10%)	745237	6442274	142	5th order	Cockabutta Creek	-	N	-	-
315	Very gently inclined (1–3%)	745306	6442270	135	5th order	Cockabutta Creek	11	Y	0	0
316	Very gently inclined (1–3%)	745320	6442264	131	5th order	Cockabutta Creek	12	Y	0	0
317	Level (0–1%)	745332	6442259	127	5th order	Cockabutta Creek	10	Y	0	0

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
317.1	Level (0–1%)	745280	6442264	126	5th order	Cockabutta Creek	10	Y	0	0
318	Level (0–1%)	745348	6442253	125	5th order	Cockabutta Creek	10	Y	0	0
318.1	Very gently inclined (1–3%)	745295	6442260	88	5th order	Cockabutta Creek	10	Y	0	0
319	Very gently inclined (1–3%)	745362	6442248	87	5th order	Cockabutta Creek	10	Y	1	4
319.1	Very gently inclined (1–3%)	745310	6442257	87	5th order	Cockabutta Creek	12	Y	0	0
320	Level (0–1%)	745376	6442242	108	5th order	Cockabutta Creek	5	Y	0	0
321	Very gently inclined (1–3%)	745389	6442237	90	5th order	Cockabutta Creek	10	Y	0	0
322	Very gently inclined (1–3%)	745403	6442232	102	5th order	Cockabutta Creek	10	Y	0	0
323	Level (0–1%)	745417	6442226	93	5th order	Cockabutta Creek	10	Y	0	0
324	Gently inclined (3–10%)	745431	6442221	97	5th order	Cockabutta Creek	50	Y	1	4
325	Very gently inclined (1–3%)	745445	6442215	92	5th order	Cockabutta Creek	60	Y	0	0
326	Very gently inclined (1–3%)	745459	6442210	80	5th order	Cockabutta Creek	60	Y	0	0
327	Very gently inclined (1–3%)	745473	6442204	68	5th order	Cockabutta Creek	50	Y	0	0
328	Gently inclined (3–10%)	745441	6442226	58	5th order	Cockabutta Creek	-	N	-	-
329	Very gently inclined (1–3%)	745456	6442222	47	5th order	Cockabutta Creek	-	N	-	-
330	Level (0–1%)	745587	6442191	37	5th order	Cockabutta Creek	10	Y	1	4
331	Very gently inclined (1–3%)	745601	6442188	28	5th order	Cockabutta Creek	10	Y	0	0
332	Very gently inclined (1–3%)	745616	6442184	19	5th order	Cockabutta Creek	10	Y	0	0

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
333	Very gently inclined (1–3%)	745631	6442181	36	5th order	Cockabutta Creek	10	Y	0	0
334	Very gently inclined (1–3%)	745645	6442177	24	5th order	Cockabutta Creek	11	Y	0	0
335	Very gently inclined (1–3%)	745660	6442174	13	5th order	Cockabutta Creek	10	Y	0	0
336	Very gently inclined (1–3%)	745451	6442158	25	5th order	Cockabutta Creek	35	Y	0	0
337	Level (0–1%)	745465	6442155	37	5th order	Cockabutta Creek	40	Y	0	0
338	Very gently inclined (1–3%)	745480	6442151	50	5th order	Cockabutta Creek	18	Y	0	0
339	Very gently inclined (1–3%)	745495	6442148	63	5th order	Cockabutta Creek	10	Y	0	0
340	Level (0–1%)	745509	6442144	74	5th order	Cockabutta Creek	15	Y	0	0
341	Level (0–1%)	745524	6442141	65	5th order	Cockabutta Creek	20	Y	0	0
342	Level (0–1%)	745538	6442138	60	5th order	Cockabutta Creek	12	Y	0	0
343	Level (0–1%)	745553	6442134	54	5th order	Cockabutta Creek	13	Y	0	0
344	Level (0–1%)	745568	6442131	52	5th order	Cockabutta Creek	12	Y	0	0
345	Level (0–1%)	745604	6442122	54	5th order	Cockabutta Creek	-	N	-	-
346	Level (0–1%)	745619	6442118	60	5th order	Cockabutta Creek	50	Y	0	0
347	Level (0–1%)	745633	6442115	51	5th order	Cockabutta Creek	50	Y	0	0
348	Level (0–1%)	745648	6442112	38	5th order	Cockabutta Creek	60	Y	2	8
349	Very gently inclined (1–3%)	745662	6442108	25	5th order	Cockabutta Creek	45	Y	0	0
350	Gently inclined (3–10%)	745677	6442105	11	5th order	Cockabutta Creek	50	Y	0	0

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
351	Very gently inclined (1–3%)	745692	6442101	26	5th order	Cockabutta Creek	55	Y	0	0
352	Level (0–1%)	746093	6428565	23	2nd order	Copes Creek	-	N	-	-
353	Very gently inclined (1–3%)	746108	6428562	12	2nd order	Copes Creek	-	N	-	-
354	Very gently inclined (1–3%)	746123	6428559	9	2nd order	Copes Creek	-	N	-	-
355	Gently inclined (3–10%)	746137	6428557	14	2nd order	Copes Creek	-	N	-	-
356	Very gently inclined (1–3%)	746152	6428554	20	2nd order	Copes Creek	-	N	-	-
357	Very gently inclined (1–3%)	746167	6428551	150	2nd order	Copes Creek	-	N	-	-
358	Gently inclined (3–10%)	746182	6428549	135	2nd order	Copes Creek	-	N	-	-
359	Gently inclined (3–10%)	746197	6428546	120	2nd order	Copes Creek	-	N	-	-
360	Gently inclined (3–10%)	746211	6428544	105	2nd order	Copes Creek	-	N	-	-
361	Gently inclined (3–10%)	746226	6428541	90	2nd order	Copes Creek	-	N	-	-
362	Gently inclined (3–10%)	746241	6428538	75	2nd order	Copes Creek	-	N	-	-
363	Gently inclined (3–10%)	746256	6428536	60	2nd order	Copes Creek	-	N	-	-
364	Gently inclined (3–10%)	746270	6428533	45	2nd order	Copes Creek	-	N	-	-
365	Gently inclined (3–10%)	746285	6428530	30	2nd order	Copes Creek	-	N	-	-
366	Moderately inclined (10–32%)	746300	6428528	15	2nd order	Copes Creek	-	N	-	-
367	Gently inclined (3–10%)	746315	6428525	0	2nd order	Copes Creek	-	N	-	-
368	Gently inclined (3–10%)	746329	6428522	15	2nd order	Copes Creek	-	N	-	-

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
369	Very gently inclined (1–3%)	746344	6428520	30	2nd order	Copes Creek	-	N	-	-
370	Gently inclined (3–10%)	746359	6428517	45	2nd order	Copes Creek	-	N	-	-
371	Gently inclined (3–10%)	746374	6428514	60	2nd order	Copes Creek	-	N	-	-
372	Gently inclined (3–10%)	746388	6428512	75	2nd order	Copes Creek	-	N	-	-
373	Gently inclined (3–10%)	746078	6428423	90	2nd order	Copes Creek	-	N	-	-
374	Gently inclined (3–10%)	746092	6428421	105	2nd order	Copes Creek	-	N	-	-
375	Very gently inclined (1–3%)	746107	6428418	120	2nd order	Copes Creek	-	N	-	-
376	Gently inclined (3–10%)	746122	6428416	135	2nd order	Copes Creek	-	N	-	-
377	Very gently inclined (1–3%)	746137	6428413	149	2nd order	Copes Creek	-	N	-	-
378	Gently inclined (3–10%)	746152	6428411	150	2nd order	Copes Creek	-	N	-	-
379	Gently inclined (3–10%)	746166	6428408	135	2nd order	Copes Creek	-	N	-	-
380	Gently inclined (3–10%)	746181	6428406	120	2nd order	Copes Creek	-	N	-	-
381	Gently inclined (3–10%)	746196	6428403	105	2nd order	Copes Creek	-	N	-	-
382	Gently inclined (3–10%)	746211	6428401	90	2nd order	Copes Creek	-	N	-	-
383	Gently inclined (3–10%)	746226	6428399	75	2nd order	Copes Creek	-	N	-	-
384	Gently inclined (3–10%)	746240	6428396	60	2nd order	Copes Creek	-	N	-	-
385	Gently inclined (3–10%)	746255	6428394	45	2nd order	Copes Creek	-	N	-	-
386	Moderately inclined (10–32%)	746270	6428391	30	2nd order	Copes Creek	-	N	-	-

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
387	Gently inclined (3–10%)	746285	6428389	15	2nd order	Copes Creek	-	N	-	-
388	Gently inclined (3–10%)	746300	6428386	0	2nd order	Copes Creek	-	N	-	-
389	Moderately inclined (10–32%)	746314	6428384	15	2nd order	Copes Creek	-	N	-	-
390	Moderately inclined (10–32%)	746329	6428381	30	2nd order	Copes Creek	-	N	-	-
391	Very gently inclined (1–3%)	746344	6428379	45	2nd order	Copes Creek	-	N	-	-
392	Gently inclined (3–10%)	746359	6428376	60	2nd order	Copes Creek	-	N	-	-
393	Very gently inclined (1–3%)	746374	6428374	75	2nd order	Copes Creek	-	N	-	-
394	Very gently inclined (1–3%)	754268	6426947	90	4th order	Sportsman Hollow Creek	50	Y	2	8
395	Very gently inclined (1–3%)	754282	6426942	105	4th order	Sportsman Hollow Creek	90	Y	9	9
396	Very gently inclined (1–3%)	754297	6426937	120	4th order	Sportsman Hollow Creek	15	Y	1	4
397	Very gently inclined (1–3%)	754311	6426932	135	4th order	Sportsman Hollow Creek	25	Y	2	8
398	Very gently inclined (1–3%)	754325	6426927	150	4th order	Sportsman Hollow Creek	20	Y	1	4
399	Very gently inclined (1–3%)	754339	6426922	150	4th order	Sportsman Hollow Creek	15	Y	1	4
400	Very gently inclined (1–3%)	754353	6426918	135	4th order	Sportsman Hollow Creek	10	Y	2	8
401	Very gently inclined (1–3%)	754368	6426913	120	4th order	Sportsman Hollow Creek	5	Y	1	4
402	Very gently inclined (1–3%)	754382	6426908	105	4th order	Sportsman Hollow Creek	5	Y	0	0
403	Very gently inclined (1–3%)	754396	6426903	90	4th order	Sportsman Hollow Creek	5	Y	0	0
404	Very gently inclined (1–3%)	754410	6426898	75	4th order	Sportsman Hollow Creek	-	N	-	-

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
405	Very gently inclined (1–3%)	754425	6426894	60	4th order	Sportsman Hollow Creek	-	N	-	-
406	Very gently inclined (1–3%)	754439	6426889	45	4th order	Sportsman Hollow Creek	-	N	-	-
407	Gently inclined (3–10%)	754453	6426884	30	4th order	Sportsman Hollow Creek	20	Y	5	20
408	Gently inclined (3–10%)	754467	6426879	15	4th order	Sportsman Hollow Creek	55	Y	29	29
409	Moderately inclined (10–32%)	754481	6426874	0	4th order	Sportsman Hollow Creek	50	Y	2	8
410	Moderately inclined (10–32%)	754496	6426870	15	4th order	Sportsman Hollow Creek	50	Y	18	18
411	Gently inclined (3–10%)	754510	6426865	30	4th order	Sportsman Hollow Creek	50	Y	3	12
412	Very gently inclined (1–3%)	754524	6426860	45	4th order	Sportsman Hollow Creek	50	Y	0	0
413	Very gently inclined (1–3%)	754538	6426855	59	4th order	Sportsman Hollow Creek	50	Y	0	0
414	Very gently inclined (1–3%)	754552	6426850	74	4th order	Sportsman Hollow Creek	50	Y	40	40
415	Very gently inclined (1–3%)	754259	6426844	89	4th order	Sportsman Hollow Creek	10	Y	0	0
416	Gently inclined (3–10%)	754273	6426839	104	4th order	Sportsman Hollow Creek	20	Y	0	0
417	Gently inclined (3–10%)	754287	6426834	119	4th order	Sportsman Hollow Creek	20	Y	0	0
418	Very gently inclined (1–3%)	754301	6426829	134	4th order	Sportsman Hollow Creek	20	Y	0	0
419	Gently inclined (3–10%)	754316	6426825	148	4th order	Sportsman Hollow Creek	55	Y	2	8
420	Very gently inclined (1–3%)	754330	6426820	143	4th order	Sportsman Hollow Creek	35	Y	2	8
421	Very gently inclined (1–3%)	754344	6426815	128	4th order	Sportsman Hollow Creek	25	Y	3	12
422	Very gently inclined (1–3%)	754358	6426810	113	4th order	Sportsman Hollow Creek	25	Y	1	4

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
423	Very gently inclined (1–3%)	754373	6426805	98	4th order	Sportsman Hollow Creek	35	Y	1	4
424	Very gently inclined (1–3%)	754387	6426801	83	4th order	Sportsman Hollow Creek	30	Y	0	0
425	Very gently inclined (1–3%)	754401	6426796	68	4th order	Sportsman Hollow Creek	10	Y	0	0
426	Very gently inclined (1–3%)	754415	6426791	53	4th order	Sportsman Hollow Creek	-	N	-	-
427	Very gently inclined (1–3%)	754429	6426786	38	4th order	Sportsman Hollow Creek	25	Y	0	0
428	Very gently inclined (1–3%)	754444	6426781	24	4th order	Sportsman Hollow Creek	10	Y	0	0
429	Very gently inclined (1–3%)	754458	6426777	9	4th order	Sportsman Hollow Creek	15	Y	1	4
430	Gently inclined (3–10%)	754472	6426772	6	4th order	Sportsman Hollow Creek	20	Y	0	0
431	Moderately inclined (10–32%)	754486	6426767	20	4th order	Sportsman Hollow Creek	10	Y	1	4
432	Moderately inclined (10–32%)	754500	6426762	35	4th order	Sportsman Hollow Creek	15	Y	0	0
433	Gently inclined (3–10%)	754515	6426757	48	4th order	Sportsman Hollow Creek	17	Y	0	0
434	Very gently inclined (1–3%)	754529	6426753	59	4th order	Sportsman Hollow Creek	30	Y	3	12
435	Very gently inclined (1–3%)	754543	6426748	70	4th order	Sportsman Hollow Creek	40	Y	0	0
436	Level (0–1%)	754557	6426743	81	4th order	Sportsman Hollow Creek	50	Y	0	0
437	Very gently inclined (1–3%)	757428	6424529	93	5th order	Sportsman Hollow Creek	10	Y	0	0
438	Very gently inclined (1–3%)	757442	6424523	105	5th order	Sportsman Hollow Creek	20	Y	0	0
439	Gently inclined (3–10%)	757456	6424517	118	5th order	Sportsman Hollow Creek	10	Y	0	0
440	Very gently inclined (1–3%)	757470	6424511	131	5th order	Sportsman Hollow Creek	10	Y	0	0

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
441	Very gently inclined (1–3%)	757483	6424505	144	5th order	Sportsman Hollow Creek	15	Y	0	0
442	Very gently inclined (1–3%)	757497	6424500	138	5th order	Sportsman Hollow Creek	10	Y	0	0
443	Very gently inclined (1–3%)	757511	6424494	124	5th order	Sportsman Hollow Creek	30	Y	0	0
444	Gently inclined (3–10%)	757525	6424488	111	5th order	Sportsman Hollow Creek	10	Y	0	0
445	Very gently inclined (1–3%)	757539	6424482	98	5th order	Sportsman Hollow Creek	50	Y	5	5
446	Very gently inclined (1–3%)	757553	6424476	86	5th order	Sportsman Hollow Creek	-	N	-	-
447	Gently inclined (3–10%)	757566	6424471	74	5th order	Sportsman Hollow Creek	-	N	-	-
448	Gently inclined (3–10%)	757580	6424465	61	5th order	Sportsman Hollow Creek	40	Y	0	0
449	Gently inclined (3–10%)	757594	6424459	47	5th order	Sportsman Hollow Creek	55	Y	3	12
450	Gently inclined (3–10%)	757608	6424453	33	5th order	Sportsman Hollow Creek	45	Y	0	0
451	Moderately inclined (10–32%)	757622	6424447	18	5th order	Sportsman Hollow Creek	20	Y	0	0
452	Moderately inclined (10–32%)	757636	6424442	3	5th order	Sportsman Hollow Creek	40	Y	0	0
453	Gently inclined (3–10%)	757649	6424436	12	5th order	Sportsman Hollow Creek	25	Y	2	8
454	Level (0–1%)	757663	6424430	27	5th order	Sportsman Hollow Creek	15	Y	0	0
455	Level (0–1%)	757677	6424424	42	5th order	Sportsman Hollow Creek	25	Y	0	0
456	Very gently inclined (1–3%)	757691	6424418	57	5th order	Sportsman Hollow Creek	50	Y	0	0
457	Very gently inclined (1–3%)	757705	6424413	72	5th order	Sportsman Hollow Creek	30	Y	0	0
458	Very gently inclined (1–3%)	757340	6424458	87	5th order	Sportsman Hollow Creek	50	Y	0	0

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
459	Very gently inclined (1–3%)	757354	6424452	102	5th order	Sportsman Hollow Creek	50	Y	0	0
460	Very gently inclined (1–3%)	757368	6424446	117	5th order	Sportsman Hollow Creek	10	Y	0	0
461	Very gently inclined (1–3%)	757381	6424440	132	5th order	Sportsman Hollow Creek	10	Y	0	0
462	Very gently inclined (1–3%)	757395	6424434	147	5th order	Sportsman Hollow Creek	15	Y	0	0
463	Gently inclined (3–10%)	757409	6424428	132	5th order	Sportsman Hollow Creek	10	Y	0	0
464	Gently inclined (3–10%)	757423	6424423	121	5th order	Sportsman Hollow Creek	10	Y	0	0
465	Very gently inclined (1–3%)	757437	6424417	110	5th order	Sportsman Hollow Creek	10	Y	0	0
466	Very gently inclined (1–3%)	757451	6424411	98	5th order	Sportsman Hollow Creek	10	Y	0	0
467	Level (0–1%)	757464	6424405	88	5th order	Sportsman Hollow Creek	50	Y	0	0
468	Level (0–1%)	757478	6424399	79	5th order	Sportsman Hollow Creek	-	N	-	-
469	Gently inclined (3–10%)	757492	6424394	72	5th order	Sportsman Hollow Creek	-	N	-	-
470	Very gently inclined (1–3%)	757506	6424388	62	5th order	Sportsman Hollow Creek	-	N	-	-
471	Gently inclined (3–10%)	757520	6424382	48	5th order	Sportsman Hollow Creek	50	Y	0	0
472	Gently inclined (3–10%)	757533	6424376	34	5th order	Sportsman Hollow Creek	60	Y	0	0
473	Gently inclined (3–10%)	757547	6424370	21	5th order	Sportsman Hollow Creek	45	Y	1	4
474	Moderately inclined (10–32%)	757561	6424364	7	5th order	Sportsman Hollow Creek	45	Y	0	0
475	Moderately inclined (10–32%)	757575	6424359	7	5th order	Sportsman Hollow Creek	45	Y	0	0
476	Very gently inclined (1–3%)	757589	6424353	21	5th order	Sportsman Hollow Creek	40	Y	4	16

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
477	Very gently inclined (1–3%)	757603	6424347	36	5th order	Sportsman Hollow Creek	50	Y	0	0
478	Very gently inclined (1–3%)	757616	6424341	51	5th order	Sportsman Hollow Creek	50	Y	0	0
479	Very gently inclined (1–3%)	757630	6424335	66	5th order	Sportsman Hollow Creek	20	Y	0	0
480	Very gently inclined (1–3%)	761627	6426798	81	3rd order	Bora Creek	-	N	-	-
481	Very gently inclined (1–3%)	761639	6426808	96	3rd order	Bora Creek	-	N	-	-
482	Very gently inclined (1–3%)	761663	6426826	110	3rd order	Bora Creek	-	N	-	-
483	Level (0–1%)	761675	6426835	122	3rd order	Bora Creek	-	N	-	-
484	Very gently inclined (1–3%)	761687	6426844	135	3rd order	Bora Creek	-	N	-	-
485	Gently inclined (3–10%)	761699	6426853	29	3rd order	Bora Creek	-	N	-	-
486	Gently inclined (3–10%)	761711	6426862	17	3rd order	Bora Creek	-	N	-	-
487	Gently inclined (3–10%)	761722	6426871	8	3rd order	Bora Creek	-	N	-	-
488	Gently inclined (3–10%)	761734	6426881	21	3rd order	Bora Creek	-	N	-	-
489	Gently inclined (3–10%)	761746	6426890	32	3rd order	Bora Creek	-	N	-	-
490	Very gently inclined (1–3%)	761758	6426899	42	3rd order	Bora Creek	-	N	-	-
491	Very gently inclined (1–3%)	761770	6426908	51	3rd order	Bora Creek	-	N	-	-
492	Very gently inclined (1–3%)	761782	6426917	58	3rd order	Bora Creek	-	N	-	-
493	Gently inclined (3–10%)	761794	6426926	63	3rd order	Bora Creek	-	N	-	-
494	Gently inclined (3–10%)	761807	6426932	64	3rd order	Bora Creek	-	N	-	-

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
495	Gently inclined (3–10%)	761822	6426937	66	3rd order	Bora Creek	-	N	-	-
496	Gently inclined (3–10%)	761836	6426943	71	3rd order	Bora Creek	-	N	-	-
497	Gently inclined (3–10%)	761850	6426948	76	3rd order	Bora Creek	-	N	-	-
498	Gently inclined (3–10%)	761864	6426953	81	3rd order	Bora Creek	-	N	-	-
499	Gently inclined (3–10%)	761878	6426958	85	3rd order	Bora Creek	-	N	-	-
500	Gently inclined (3–10%)	761892	6426964	90	3rd order	Bora Creek	-	N	-	-
501	Gently inclined (3–10%)	761906	6426969	95	3rd order	Bora Creek	-	N	-	-
502	Gently inclined (3–10%)	761920	6426974	97	3rd order	Bora Creek	-	N	-	-
503	Gently inclined (3–10%)	761934	6426979	90	3rd order	Bora Creek	-	N	-	-
504	Gently inclined (3–10%)	761948	6426985	86	3rd order	Bora Creek	-	N	-	-
505	Gently inclined (3–10%)	761962	6426990	82	3rd order	Bora Creek	-	N	-	-
506	Gently inclined (3–10%)	762052	6426917	80	3rd order	Bora Creek	-	N	-	-
507	Gently inclined (3–10%)	762066	6426922	79	3rd order	Bora Creek	-	N	-	-
508	Gently inclined (3–10%)	762080	6426928	82	3rd order	Bora Creek	-	N	-	-
509	Gently inclined (3–10%)	762094	6426933	87	3rd order	Bora Creek	-	N	-	-
510	Gently inclined (3–10%)	762108	6426938	92	3rd order	Bora Creek	-	N	-	-
511	Moderately inclined (10–32%)	762123	6426943	11	3rd order	Bora Creek	-	N	-	-
512	Moderately inclined (10–32%)	762137	6426949	9	3rd order	Bora Creek	-	N	-	-

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
513	Moderately inclined (10–32%)	762151	6426954	14	3rd order	Bora Creek	-	N	-	-
514	Gently inclined (3–10%)	762165	6426959	20	3rd order	Bora Creek	-	N	-	-
515	Gently inclined (3–10%)	762179	6426964	28	3rd order	Bora Creek	-	N	-	-
516	Gently inclined (3–10%)	762193	6426970	36	3rd order	Bora Creek	-	N	-	-
517	Gently inclined (3–10%)	762207	6426975	44	3rd order	Bora Creek	-	N	-	-
518	Gently inclined (3–10%)	762221	6426980	50	3rd order	Bora Creek	-	N	-	-
519	Gently inclined (3–10%)	762235	6426985	55	3rd order	Bora Creek	-	N	-	-
520	Gently inclined (3–10%)	762249	6426991	58	3rd order	Bora Creek	-	N	-	-
521	Gently inclined (3–10%)	762263	6426996	61	3rd order	Bora Creek	-	N	-	-
522	Gently inclined (3–10%)	762277	6427001	67	3rd order	Bora Creek	-	N	-	-
523	Very gently inclined (1–3%)	763158	6427210	73	3rd order	Bora Creek	-	N	-	-
524	Very gently inclined (1–3%)	763172	6427203	79	3rd order	Bora Creek	-	N	-	-
525	Gently inclined (3–10%)	763185	6427196	85	3rd order	Bora Creek	-	N	-	-
526	Very gently inclined (1–3%)	763199	6427190	91	3rd order	Bora Creek	-	N	-	-
527	Very gently inclined (1–3%)	763212	6427183	97	3rd order	Bora Creek	-	N	-	-
528	Moderately inclined (10–32%)	763226	6427177	150	3rd order	Bora Creek	-	N	-	-
529	Moderately inclined (10–32%)	763239	6427170	135	3rd order	Bora Creek	-	N	-	-
530	Moderately inclined (10–32%)	763253	6427164	120	3rd order	Bora Creek	-	N	-	-

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
531	Moderately inclined (10–32%)	763266	6427157	105	3rd order	Bora Creek	-	N	-	-
532	Moderately inclined (10–32%)	763280	6427151	90	3rd order	Bora Creek	-	N	-	-
533	Moderately inclined (10–32%)	763293	6427144	75	3rd order	Bora Creek	-	N	-	-
534	Steep (32–56%)	763307	6427138	60	3rd order	Bora Creek	-	N	-	-
535	Very Steep (56–100%)	763320	6427131	45	3rd order	Bora Creek	-	N	-	-
536	Moderately inclined (10–32%)	763334	6427125	30	3rd order	Bora Creek	-	N	-	-
537	Very gently inclined (1–3%)	763347	6427118	15	3rd order	Bora Creek	-	N	-	-
538	Gently inclined (3–10%)	763361	6427112	0	3rd order	Bora Creek	-	N	-	-
539	Gently inclined (3–10%)	763374	6427105	15	3rd order	Bora Creek	-	N	-	-
540	Gently inclined (3–10%)	763388	6427098	30	3rd order	Bora Creek	-	N	-	-
541	Moderately inclined (10–32%)	763401	6427092	45	3rd order	Bora Creek	-	N	-	-
542	Gently inclined (3–10%)	763415	6427085	60	3rd order	Bora Creek	-	N	-	-
543	Gently inclined (3–10%)	763428	6427079	75	3rd order	Bora Creek	-	N	-	-
544	Gently inclined (3–10%)	763085	6427134	90	3rd order	Bora Creek	-	N	-	-
545	Gently inclined (3–10%)	763099	6427127	105	3rd order	Bora Creek	-	N	-	-
546	Gently inclined (3–10%)	763112	6427121	120	3rd order	Bora Creek	-	N	-	-
547	Gently inclined (3–10%)	763126	6427114	135	3rd order	Bora Creek	-	N	-	-
548	Gently inclined (3–10%)	763139	6427108	150	3rd order	Bora Creek	-	N	-	-

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
549	Moderately inclined (10–32%)	763153	6427101	145	3rd order	Bora Creek	-	N	-	-
550	Moderately inclined (10–32%)	763166	6427095	132	3rd order	Bora Creek	-	N	-	-
551	Moderately inclined (10–32%)	763180	6427088	118	3rd order	Bora Creek	-	N	-	-
552	Gently inclined (3–10%)	763193	6427081	104	3rd order	Bora Creek	-	N	-	-
553	Gently inclined (3–10%)	763207	6427075	90	3rd order	Bora Creek	-	N	-	-
554	Gently inclined (3–10%)	763220	6427068	76	3rd order	Bora Creek	-	N	-	-
555	Gently inclined (3–10%)	763234	6427062	62	3rd order	Bora Creek	-	N	-	-
556	Gently inclined (3–10%)	763247	6427055	49	3rd order	Bora Creek	-	N	-	-
557	Very gently inclined (1–3%)	763261	6427049	35	3rd order	Bora Creek	-	N	-	-
558	Very gently inclined (1–3%)	763274	6427042	21	3rd order	Bora Creek	-	N	-	-
559	Very gently inclined (1–3%)	763288	6427036	7	3rd order	Bora Creek	-	N	-	-
560	Very gently inclined (1–3%)	763301	6427029	7	3rd order	Bora Creek	-	N	-	-
561	Very gently inclined (1–3%)	763315	6427023	21	3rd order	Bora Creek	-	N	-	-
562	Gently inclined (3–10%)	763328	6427016	35	3rd order	Bora Creek	-	N	-	-
563	Gently inclined (3–10%)	763342	6427010	49	3rd order	Bora Creek	-	N	-	-
564	Gently inclined (3–10%)	763355	6427003	62	3rd order	Bora Creek	-	N	-	-
565	Gently inclined (3–10%)	763369	6426997	77	3rd order	Bora Creek	-	N	-	-
566	Gently inclined (3–10%)	768542	6421991	91	5th order	Planters Creek	50	Y	0	0

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
567	Gently inclined (3–10%)	768550	6421979	105	5th order	Planters Creek	30	Y	0	0
570	Gently inclined (3–10%)	768577	6421943	149	5th order	Planters Creek	40	Y	0	0
571	Level (0–1%)	768586	6421931	117	5th order	Planters Creek	50	Y	0	0
568	Gently inclined (3–10%)	768559	6421967	120	5th order	Planters Creek	20	Y	0	-
569	Gently inclined (3–10%)	768568	6421955	134	5th order	Planters Creek	-	N	-	-
576	Gently inclined (3–10%)	768631	6421871	66	5th order	Planters Creek	-	N	-	-
577	Very gently inclined (1–3%)	768640	6421859	56	5th order	Planters Creek	-	N	-	-
578	Very gently inclined (1–3%)	768649	6421847	45	5th order	Planters Creek	-	N	-	-
582	Gently inclined (3–10%)	768684	6421798	1	5th order	Planters Creek	20	Y	0	0
584	Gently inclined (3–10%)	768702	6421774	23	5th order	Planters Creek	20	Y	0	0
585	Gently inclined (3–10%)	768711	6421762	34	5th order	Planters Creek	-	N	-	-
586	Gently inclined (3–10%)	768720	6421750	46	5th order	Planters Creek	35	Y	0	0
587	Gently inclined (3–10%)	768729	6421738	57	5th order	Planters Creek	30	Y	0	0
588	Gently inclined (3–10%)	768505	6421872	68	5th order	Planters Creek	60	Y	0	0
591	Gently inclined (3–10%)	768532	6421836	107	5th order	Planters Creek	-	N	-	-
572	Very gently inclined (1–3%)	768595	6421919	107	5th order	Planters Creek	50	Y	0	0
573	Gently inclined (3–10%)	768604	6421907	97	5th order	Planters Creek	50	Y	0	0
574	Gently inclined (3–10%)	768613	6421895	87	5th order	Planters Creek	50	Y	0	0

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
575	Moderately inclined (10–32%)	768622	6421883	77	5th order	Planters Creek	50	Y	0	0
579	Level (0–1%)	768658	6421835	34	5th order	Planters Creek	30	Y	0	0
597	Gently inclined (3–10%)	768586	6421764	9	5th order	Planters Creek	-	N	-	-
598	Very gently inclined (1–3%)	768594	6421752	10	5th order	Planters Creek	-	N	-	-
599	Gently inclined (3–10%)	768603	6421740	12	5th order	Planters Creek	-	N	-	-
580	Very gently inclined (1–3%)	768667	6421823	23	5th order	Planters Creek	45	Y	0	0
581	Moderately inclined (10–32%)	768676	6421811	11	5th order	Planters Creek	30	Y	3	12
583	Moderately inclined (10–32%)	768693	6421786	12	5th order	Planters Creek	25	Y	1	4
589	Gently inclined (3–10%)	768514	6421860	81	5th order	Planters Creek	20	Y	3	12
590	Gently inclined (3–10%)	768523	6421848	94	5th order	Planters Creek	15	Y	0	0
592	Gently inclined (3–10%)	768541	6421824	120	5th order	Planters Creek	30	Y	0	0
593	Gently inclined (3–10%)	768550	6421812	23	5th order	Planters Creek	40	Y	0	0
594	Very gently inclined (1–3%)	768559	6421800	16	5th order	Planters Creek	50	Y	0	0
595	Gently inclined (3–10%)	768568	6421788	11	5th order	Planters Creek	50	Y	0	0
596	Gently inclined (3–10%)	768577	6421776	9	5th order	Planters Creek	50	Y	0	0
600	Gently inclined (3–10%)	768612	6421728	14	5th order	Planters Creek	50	Y	0	0
601	Gently inclined (3–10%)	768621	6421716	15	5th order	Planters Creek	50	Y	0	0
602	Moderately inclined (10–32%)	768630	6421704	14	5th order	Planters Creek	60	Y	0	0

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
603	Gently inclined (3–10%)	768639	6421692	0	5th order	Planters Creek	55	Y	0	0
604	Moderately inclined (10–32%)	768648	6421680	14	5th order	Planters Creek	55	Y	1	4
605	Very gently inclined (1–3%)	768657	6421668	29	5th order	Planters Creek	50	Y	0	0
606	Very gently inclined (1–3%)	768666	6421656	41	5th order	Planters Creek	50	Y	0	0
607	Level (0–1%)	768675	6421644	48	5th order	Planters Creek	60	Y	0	0
608	Very gently inclined (1–3%)	768684	6421631	51	5th order	Planters Creek	40	Y	0	0
609	Very gently inclined (1–3%)	772371	6418077	52	5th order	Cumbo Creek	-	N	-	-
610	Level (0–1%)	772374	6418062	53	5th order	Cumbo Creek	-	N	-	-
611	Very gently inclined (1–3%)	772377	6418048	54	5th order	Cumbo Creek	-	N	-	-
612	Very gently inclined (1–3%)	772380	6418033	53	5th order	Cumbo Creek	-	N	-	-
613	Very gently inclined (1–3%)	772383	6418018	50	5th order	Cumbo Creek	-	N	-	-
614	Gently inclined (3–10%)	772386	6418004	113	5th order	Cumbo Creek	-	N	-	-
615	Gently inclined (3–10%)	772389	6417989	104	5th order	Cumbo Creek	-	N	-	-
616	Gently inclined (3–10%)	772392	6417974	96	5th order	Cumbo Creek	-	N	-	-
617	Gently inclined (3–10%)	772395	6417959	87	5th order	Cumbo Creek	-	N	-	-
618	Gently inclined (3–10%)	772398	6417945	79	5th order	Cumbo Creek	-	N	-	-
619	Gently inclined (3–10%)	772402	6417930	70	5th order	Cumbo Creek	-	N	-	-
620	Gently inclined (3–10%)	772405	6417915	62	5th order	Cumbo Creek	-	N	-	-

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
621	Gently inclined (3–10%)	772408	6417901	53	5th order	Cumbo Creek	-	N	-	-
622	Gently inclined (3–10%)	772411	6417886	45	5th order	Cumbo Creek	-	N	-	-
623	Gently inclined (3–10%)	772414	6417871	36	5th order	Cumbo Creek	-	N	-	-
624	Very gently inclined (1–3%)	772417	6417857	30	5th order	Cumbo Creek	-	N	-	-
625	Very gently inclined (1–3%)	772420	6417842	29	5th order	Cumbo Creek	-	N	-	-
626	Very gently inclined (1–3%)	772423	6417827	27	5th order	Cumbo Creek	-	N	-	-
627	Very gently inclined (1–3%)	772426	6417813	26	5th order	Cumbo Creek	-	N	-	-
628	Gently inclined (3–10%)	772429	6417798	25	5th order	Cumbo Creek	-	N	-	-
629	Gently inclined (3–10%)	772432	6417783	24	5th order	Cumbo Creek	-	N	-	-
630	Gently inclined (3–10%)	772435	6417769	22	5th order	Cumbo Creek	-	N	-	-
631	Very gently inclined (1–3%)	772438	6417754	21	5th order	Cumbo Creek	-	N	-	-
632	Level (0–1%)	772442	6417739	20	5th order	Cumbo Creek	-	N	-	-
633	Level (0–1%)	772445	6417725	19	5th order	Cumbo Creek	-	N	-	-
634	Very gently inclined (1–3%)	772448	6417710	18	5th order	Cumbo Creek	-	N	-	-
635	Level (0–1%)	772451	6417695	16	5th order	Cumbo Creek	-	N	-	-
636	Very gently inclined (1–3%)	772454	6417681	15	5th order	Cumbo Creek	-	N	-	-
637	Very gently inclined (1–3%)	772457	6417666	17	5th order	Cumbo Creek	-	N	-	-
638	Gently inclined (3–10%)	772460	6417651	20	5th order	Cumbo Creek	-	N	-	-

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
639	Gently inclined (3–10%)	772463	6417637	24	5th order	Cumbo Creek	-	N	-	-
640	Very gently inclined (1–3%)	772466	6417622	27	5th order	Cumbo Creek	-	N	-	-
641	Gently inclined (3–10%)	772469	6417607	30	5th order	Cumbo Creek	-	N	-	-
642	Gently inclined (3–10%)	772472	6417592	33	5th order	Cumbo Creek	-	N	-	-
643	Gently inclined (3–10%)	772530	6417318	37	5th order	Cumbo Creek	-	N	-	-
644	Gently inclined (3–10%)	772533	6417303	40	5th order	Cumbo Creek	-	N	-	-
645	Very gently inclined (1–3%)	772536	6417288	43	5th order	Cumbo Creek	-	N	-	-
646	Very gently inclined (1–3%)	772539	6417274	46	5th order	Cumbo Creek	-	N	-	-
647	Very gently inclined (1–3%)	772542	6417259	46	5th order	Cumbo Creek	-	N	-	-
648	Very gently inclined (1–3%)	772545	6417244	54	5th order	Cumbo Creek	-	N	-	-
649	Very gently inclined (1–3%)	772548	6417230	61	5th order	Cumbo Creek	-	N	-	-
650	Very gently inclined (1–3%)	772551	6417215	68	5th order	Cumbo Creek	-	N	-	-
651	Very gently inclined (1–3%)	772555	6417200	75	5th order	Cumbo Creek	-	N	-	-
652	Very gently inclined (1–3%)	772558	6417186	83	5th order	Cumbo Creek	-	N	-	-
653	Very gently inclined (1–3%)	772561	6417171	90	5th order	Cumbo Creek	-	N	-	-
654	Gently inclined (3–10%)	772492	6417988	97	5th order	Cumbo Creek	-	N	-	-
655	Moderately inclined (10–32%)	772495	6417973	104	5th order	Cumbo Creek	-	N	-	-
656	Gently inclined (3–10%)	772498	6417959	111	5th order	Cumbo Creek	-	N	-	-

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
657	Gently inclined (3–10%)	772501	6417944	119	5th order	Cumbo Creek	-	N	-	-
658	Very gently inclined (1–3%)	772504	6417929	126	5th order	Cumbo Creek	-	N	-	-
659	Very gently inclined (1–3%)	772507	6417915	33	5th order	Cumbo Creek	-	N	-	-
660	Gently inclined (3–10%)	772510	6417900	41	5th order	Cumbo Creek	-	N	-	-
661	Gently inclined (3–10%)	772513	6417885	50	5th order	Cumbo Creek	-	N	-	-
662	Gently inclined (3–10%)	772516	6417871	58	5th order	Cumbo Creek	-	N	-	-
663	Gently inclined (3–10%)	772519	6417856	67	5th order	Cumbo Creek	-	N	-	-
664	Gently inclined (3–10%)	772522	6417841	73	5th order	Cumbo Creek	-	N	-	-
665	Very gently inclined (1–3%)	772525	6417827	74	5th order	Cumbo Creek	-	N	-	-
666	Very gently inclined (1–3%)	772529	6417812	75	5th order	Cumbo Creek	-	N	-	-
667	Very gently inclined (1–3%)	772532	6417797	77	5th order	Cumbo Creek	-	N	-	-
668	Very gently inclined (1–3%)	772535	6417783	78	5th order	Cumbo Creek	-	N	-	-
669	Level (0–1%)	772538	6417768	79	5th order	Cumbo Creek	-	N	-	-
670	Very gently inclined (1–3%)	772541	6417753	80	5th order	Cumbo Creek	-	N	-	-
671	Very gently inclined (1–3%)	772544	6417738	81	5th order	Cumbo Creek	-	N	-	-
672	Gently inclined (3–10%)	772547	6417724	83	5th order	Cumbo Creek	-	N	-	-
673	Gently inclined (3–10%)	772550	6417709	84	5th order	Cumbo Creek	-	N	-	-
674	Gently inclined (3–10%)	772553	6417694	82	5th order	Cumbo Creek	-	N	-	-

Table D.2 Summary of proposed and excavated test pits

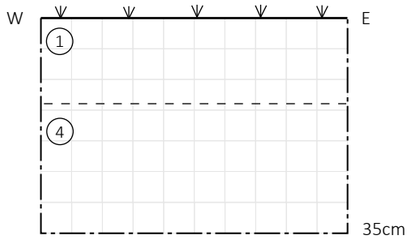
Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
675	Gently inclined (3–10%)	772556	6417680	79	5th order	Cumbo Creek	-	N	-	-
676	Moderately inclined (10–32%)	772559	6417665	76	5th order	Cumbo Creek	-	N	-	-
677	Moderately inclined (10–32%)	772562	6417650	73	5th order	Cumbo Creek	-	N	-	-
678	Moderately inclined (10–32%)	772565	6417636	69	5th order	Cumbo Creek	-	N	-	-
679	Moderately inclined (10–32%)	772569	6417621	66	5th order	Cumbo Creek	-	N	-	-
680	Moderately inclined (10–32%)	772572	6417606	63	5th order	Cumbo Creek	-	N	-	-
681	Moderately inclined (10–32%)	772575	6417592	60	5th order	Cumbo Creek	-	N	-	-
682	Moderately inclined (10–32%)	772578	6417577	56	5th order	Cumbo Creek	-	N	-	-
683	Moderately inclined (10–32%)	772581	6417562	53	5th order	Cumbo Creek	-	N	-	-
684	Moderately inclined (10–32%)	772584	6417548	50	5th order	Cumbo Creek	-	N	-	-
685	Moderately inclined (10–32%)	772587	6417533	51	5th order	Cumbo Creek	-	N	-	-
686	Moderately inclined (10–32%)	772590	6417518	56	5th order	Cumbo Creek	-	N	-	-
687	Moderately inclined (10–32%)	772593	6417504	61	5th order	Cumbo Creek	-	N	-	-
688	Moderately inclined (10–32%)	772596	6417489	66	5th order	Cumbo Creek	-	N	-	-
689	Moderately inclined (10–32%)	772599	6417474	71	5th order	Cumbo Creek	-	N	-	-
690	Gently inclined (3–10%)	772602	6417460	76	5th order	Cumbo Creek	-	N	-	-
691	Gently inclined (3–10%)	772605	6417445	81	5th order	Cumbo Creek	-	N	-	-
692	Gently inclined (3–10%)	772609	6417430	85	5th order	Cumbo Creek	-	N	-	-

Table D.2 Summary of proposed and excavated test pits

Test pit #	Landform	Easting	Northing	Distance from the nearest watercourse (m)	Strahler order	Named watercourse (if any)	Depth of test pit (cm below surface)	Excavated? Y/N	Number of artefacts (n)	Extrapolated artefact count (per m^2)
693	Moderately inclined (10–32%)	772612	6417415	90	5th order	Cumbo Creek	-	N	-	-
694	Moderately inclined (10–32%)	772615	6417401	95	5th order	Cumbo Creek	-	N	-	-
700	Moderately inclined (10–32%)	757506	6424482	100	5th order	Sportsman Hollow Creek	-	N	-	-
701	Moderately inclined (10–32%)	757502	6424472	105	5th order	Sportsman Hollow Creek	5	Y	0	0
702	Moderately inclined (10–32%)	757496	6424463	110	5th order	Sportsman Hollow Creek	-	N	-	-
703	Gently inclined (3–10%)	757490	6424455	115	5th order	Sportsman Hollow Creek	15	Y	0	0
704	Moderately inclined (10–32%)	757482	6424443	120	5th order	Sportsman Hollow Creek	-	N	-	-
705	Very gently inclined (1–3%)	757473	6424431	54	5th order	Sportsman Hollow Creek	10	Y	0	0
706	Very gently inclined (1–3%)	745047	6442325	48	5th order	Cockabutta Creek	10	Y	0	0
707	Very gently inclined (1–3%)	745062	6442321	44	5th order	Cockabutta Creek	10	Y	0	0
708	Very gently inclined (1–3%)	745076	6442318	42	5th order	Cockabutta Creek	10	Y	1	4
709	Very gently inclined (1–3%)	745091	6442314	41	5th order	Cockabutta Creek	10	Y	0	0
710	Very gently inclined (1–3%)	745105	6442310	41	5th order	Cockabutta Creek	10	Y	2	8
711	Level (0–1%)	745120	6442306	215	5th order	Cockabutta Creek	5	Y	16	64
712	Level (0–1%)	745134	6442302	204	5th order	Cockabutta Creek	5	Y	3	12
713	Level (0–1%)	745149	6442299	193	5th order	Cockabutta Creek	5	Y	4	16

D.5 Stratigraphic drawings

TP 17
NORTH SECTION



TP 28
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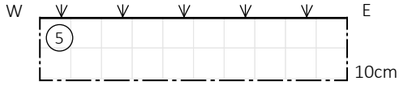

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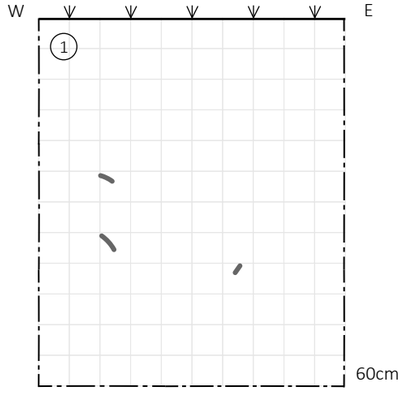
NORTH SECTION



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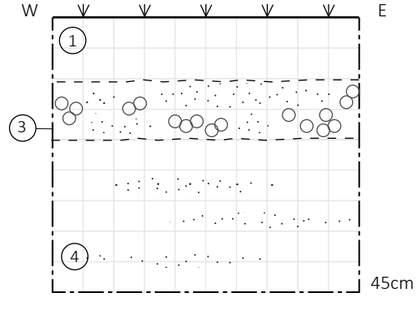

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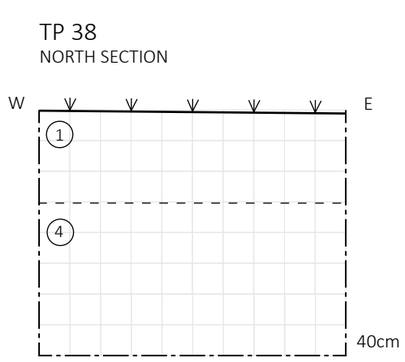

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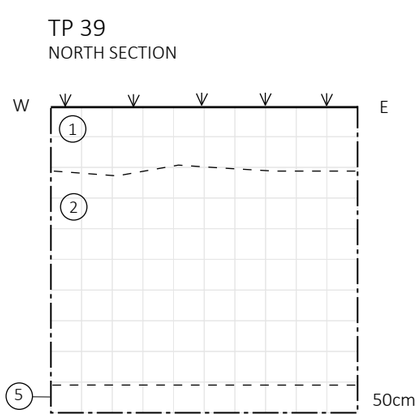

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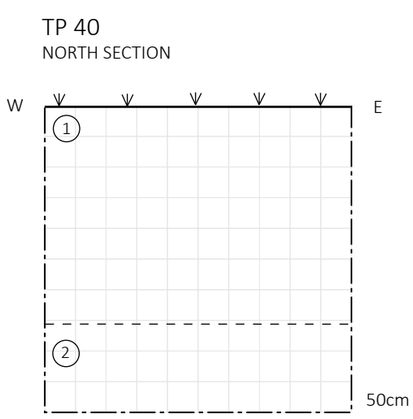

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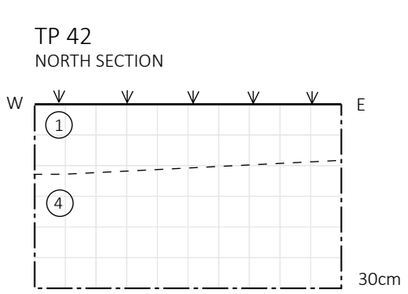

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E230829	1.0	

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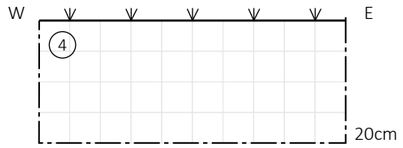
NORTH SECTION



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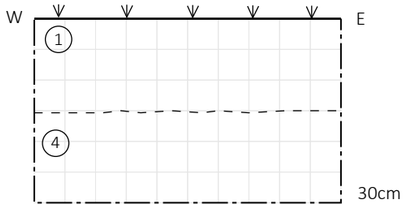

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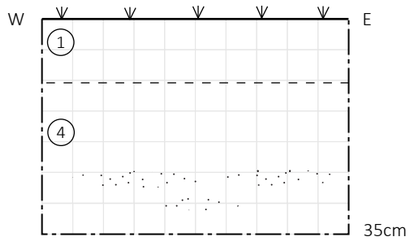

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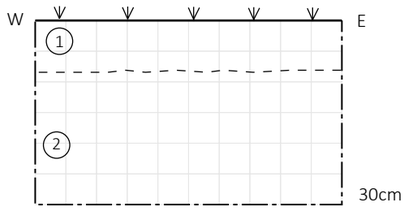

TP 47
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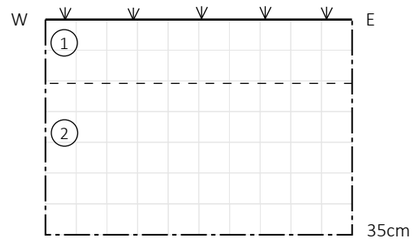

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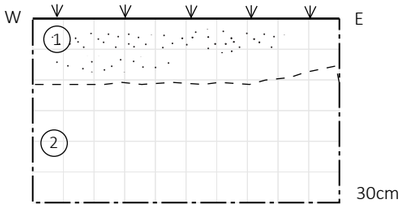

TP 49
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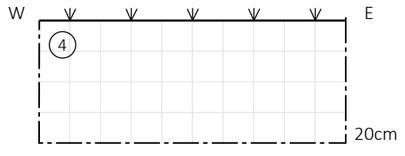

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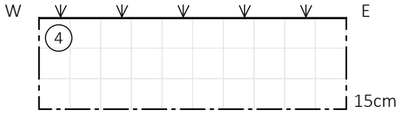

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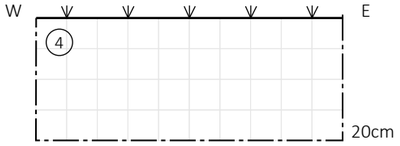

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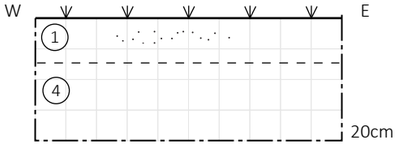

TP 52 EXPANSION
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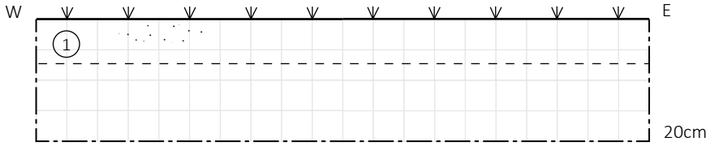

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PROSPECT CREEK & SANDY CREEK

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SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	002
PROJECT NO.	**VERSION**	
E230829	1.0	

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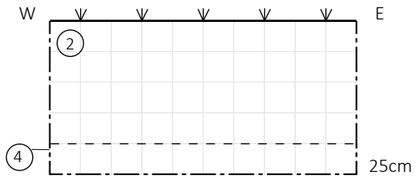
NORTH SECTION



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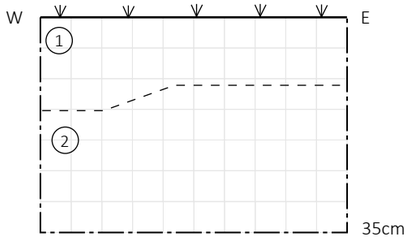

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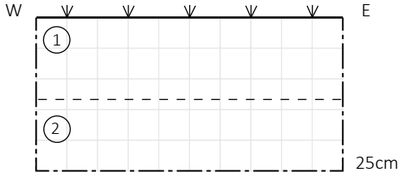

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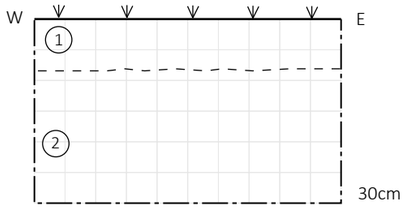

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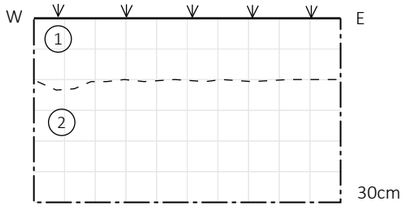

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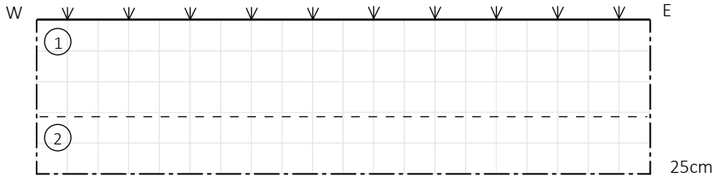

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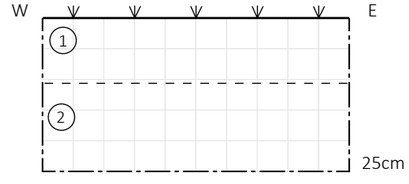

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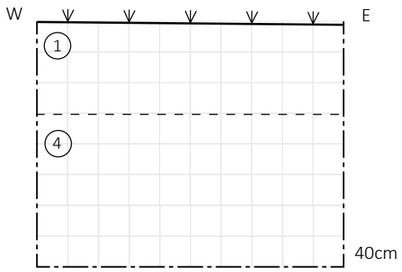

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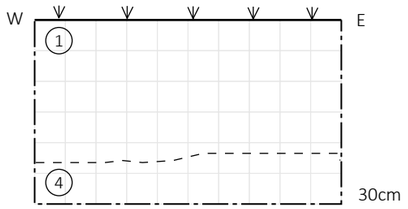
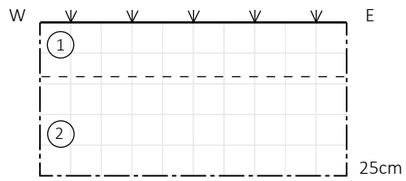


TP 63
NORTH SECTION

TP 69
NORTH SECTION



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1:10	SE/	003
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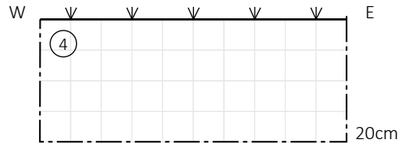
E230829	1.0	

TP 71
NORTH SECTION

TP 72
NORTH SECTION



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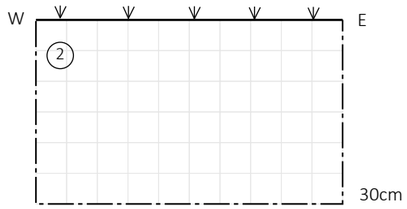
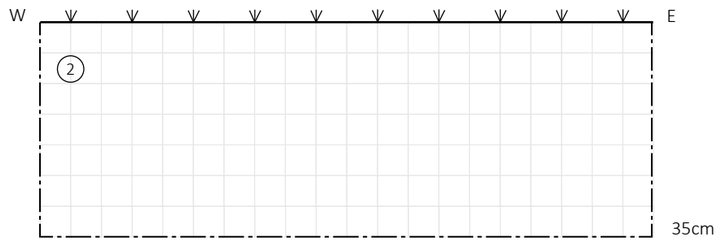
1:10	SE/	004
PROJECT NO.	**VERSION**	
E230829	1.0	

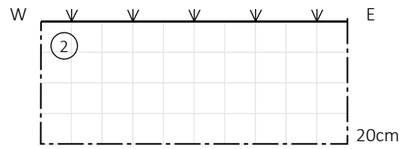
TP 73
NORTH SECTION



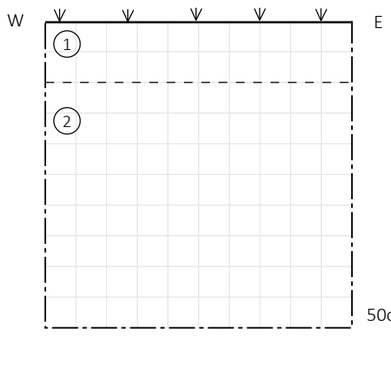
TP 74
NORTH SECTION



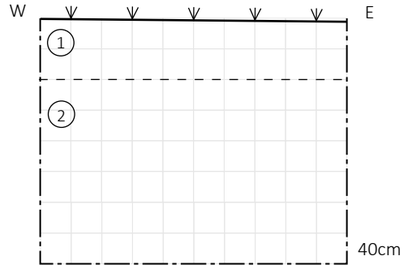
TP 75
NORTH SECTION



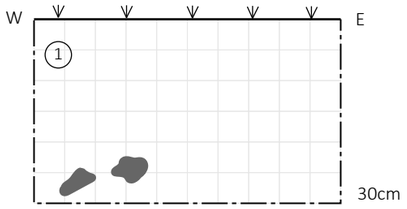
TP 76
NORTH SECTION



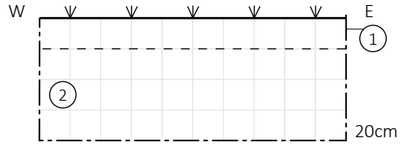
TP 77
NORTH SECTION



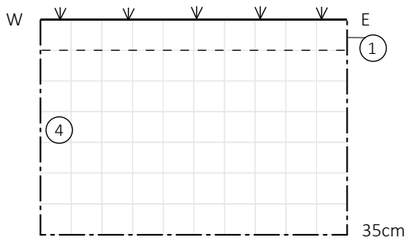
TP 78
NORTH SECTION



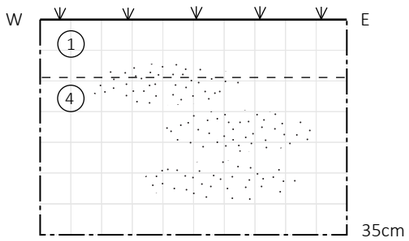
TP 79
NORTH SECTION



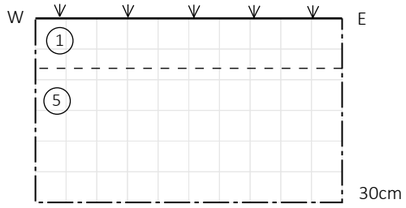
TP 86
NORTH SECTION



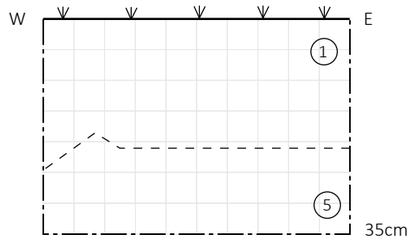
TP 87
NORTH SECTION



TP 88
NORTH SECTION



TP 90
NORTH SECTION



1. PALE-BROWN LOOSE SILTY WITH ROOTS AND ROOTLETS
2. PALE-BROWN SILTY SANDY LOAM
3. PALE-ORANGE COMPACTED SILT
4. BROWN COMPACTED SILTY CLAY LOAM
5. BROWN-ORANGE COMPACTED SILTY CLAY LOAM

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VERSION	DESCRIPTION	DATE
1.0	DRAFT	05/09/2023

LEGEND

- PIT BOUNDARY
- SOIL PROFILE BOUNDARY
- DIFFUSE SOIL PROFILE BOUNDARY
- MED/LARGE ROOTS
- STONE INCLUSIONS
- GRAVELS
- BURROW
- OSL SAMPLE
- CALCIUM CARBONATE NODULE

CLIENT
WSP

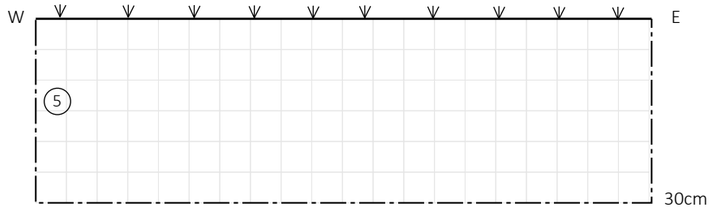
PROJECT
CWO-REZ TRANSMISSION PROJECT

TITLE
TEST PIT SECTION DRAWINGS
LAHEYS CREEK

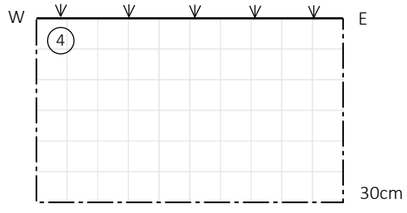
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	005
PROJECT NO.	**VERSION**	
E230809	1.0	

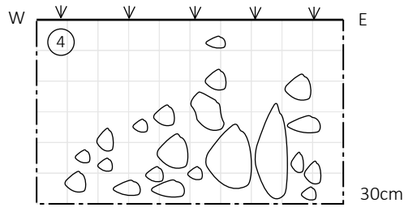
TP 89
NORTH SECTION



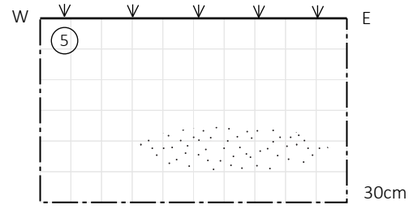
TP 91
NORTH SECTION



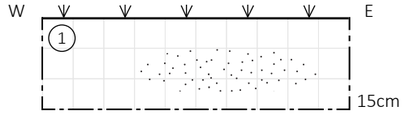
TP 92
NORTH SECTION



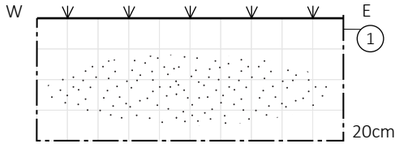
TP 94
NORTH SECTION



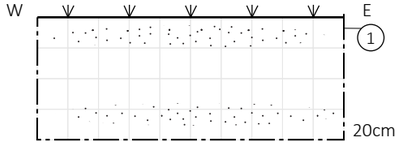
TP 96
NORTH SECTION



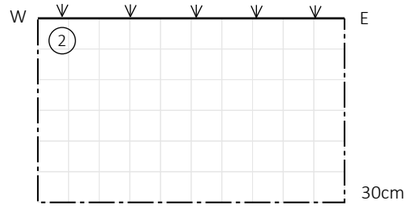
TP 97
NORTH SECTION



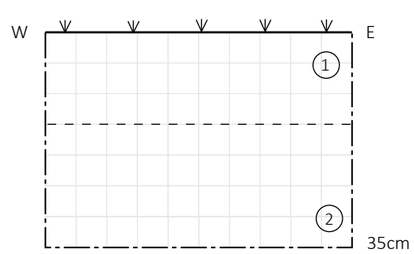
TP 98
NORTH SECTION



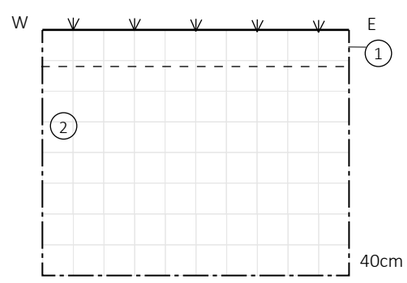
TP 100
NORTH SECTION



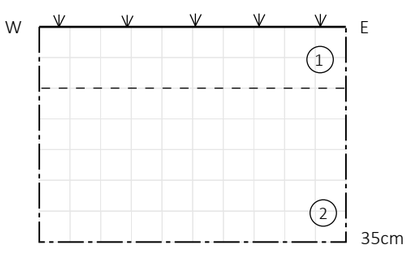
TP 101
NORTH SECTION



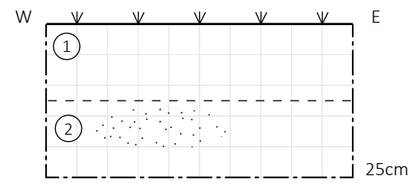
TP 102
NORTH SECTION



TP 103
NORTH SECTION



TP 104
NORTH SECTION



1. PALE-BROWN LOOSE SILTY WITH ROOTS AND ROOTLETS
2. PALE-BROWN SILTY SANDY LOAM
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VERSION	DESCRIPTION	DATE
1.0	DRAFT	05/02/2023

LEGEND

- PIT BOUNDARY
- SOIL PROFILE BOUNDARY
- DIFFUSE SOIL PROFILE BOUNDARY
- MED/LARGE ROOTS
- STONE INCLUSIONS
- GRAVELS
- BURROW
- OSL SAMPLE
- CALCIUM CARBONATE NODULE

CLIENT
WSP

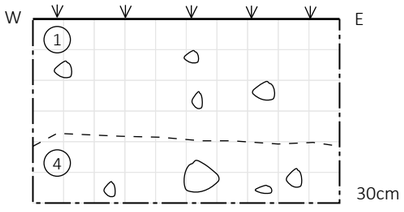
PROJECT
CWO-REZ TRANSMISSION PROJECT

TITLE
TEST PIT SECTION DRAWINGS
LAHEYS CREEK

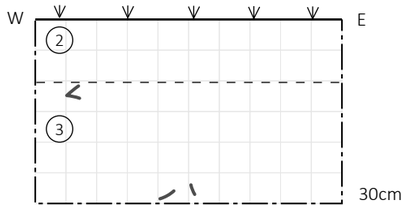
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	006
PROJECT NO.	**VERSION**	
E230829	1.0	

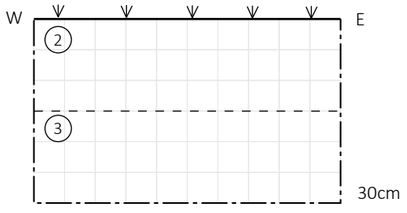
TP 105
NORTH SECTION



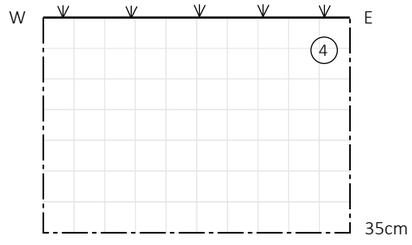
TP 106
NORTH SECTION



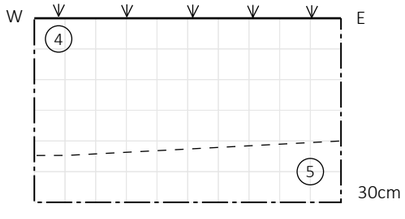
TP 108
NORTH SECTION



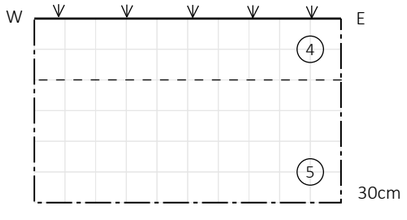
TP 109
NORTH SECTION



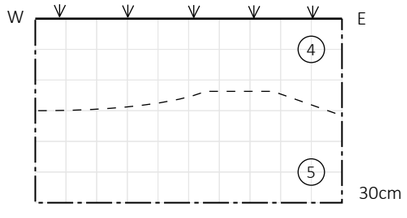
TP 110
NORTH SECTION



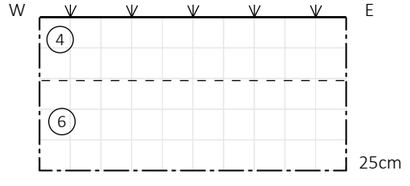
TP 111
NORTH SECTION



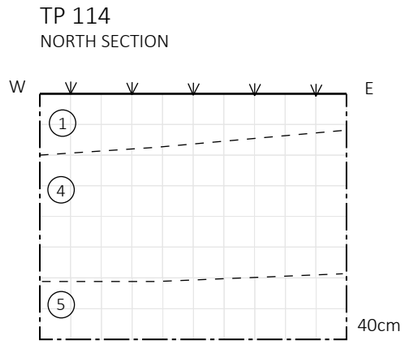
TP 112
NORTH SECTION



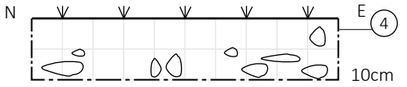
TP 113
NORTH SECTION



TP 114
NORTH SECTION

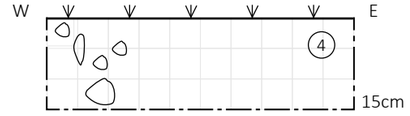


TP 115
NORTH SECTION



TP 116
NORTH SECTION

TP 117
NORTH SECTION



1 PALE-BROWN LOOSE SILTY WITH ROOTS AND ROOTLETS

2 PALE-BROWN SILTY SANDY LOAM

3 PALE-ORANGE COMPACTED SILT

4 BROWN COMPACTED SILTY CLAY LOAM

5 BROWN-ORANGE COMPACTED SILTY CLAY LOAM

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VERSION	DESCRIPTION	DATE
1.0	DRAFT	05/02/2023

LEGEND

- PIT BOUNDARY
- SOIL PROFILE BOUNDARY
- DIFFUSE SOIL PROFILE BOUNDARY
- MED/LARGE ROOTS
- STONE INCLUSIONS
- GRAVELS
- BURROW
- OSL SAMPLE
- CALCIUM CARBONATE NODULE

CLIENT
WSP

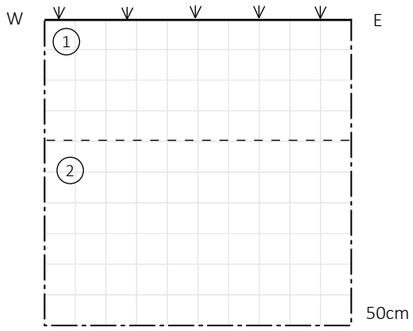
PROJECT
CWO-REZ TRANSMISSION PROJECT

TITLE
TEST PIT SECTION DRAWINGS
LAHEYS CREEK

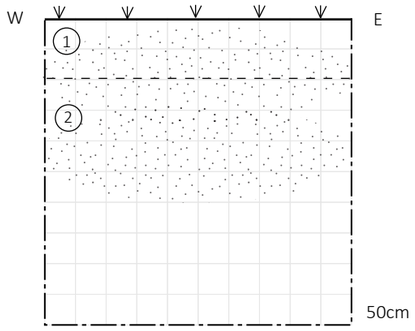
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	007
PROJECT NO.	**VERSION**	
E230829	1.0	

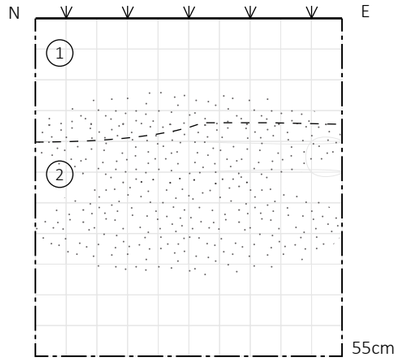
TP 162
NORTH SECTION



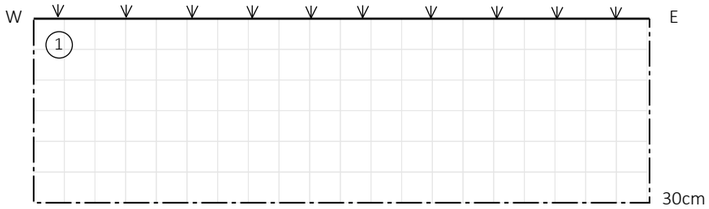
TP 163
NORTH SECTION



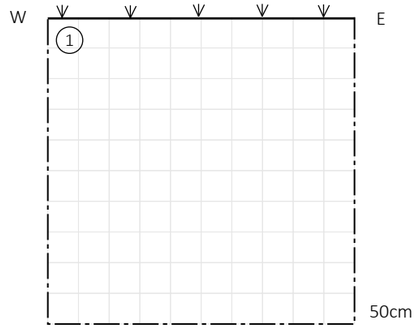
TP 164
NORTH SECTION



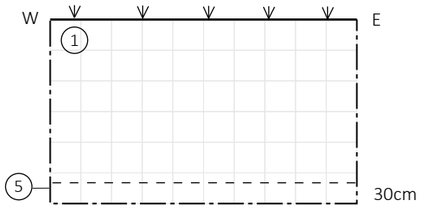
TP 168
NORTH SECTION



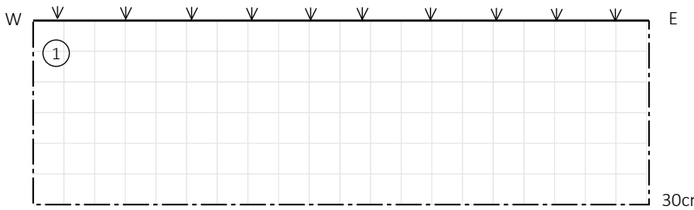
TP 170
NORTH SECTION



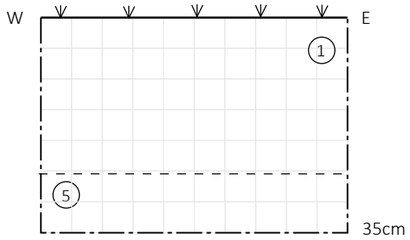
TP 174
NORTH SECTION



TP 175
NORTH SECTION



TP 176
NORTH SECTION



1 PALE-BROWN SILT HORIZON
2 PALE-WHITE SILT HORIZON
3 PALE-BROWN COMPACTED SILT
4 BROWN SILTY LOAM HORIZON
5 BROWN-ORANGE COMPACTED SILTY CLAY LOAM

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VERSION	DESCRIPTION	DATE
1.0	DRAFT	05/02/2023

LEGEND

- PIT BOUNDARY
- SOIL PROFILE BOUNDARY
- DIFFUSE SOIL PROFILE BOUNDARY
- MED/LARGE ROOTS
- STONE INCLUSIONS
- GRAVELS
- BURROW
- OSL SAMPLE
- CALCIUM CARBONATE NODULE

CLIENT
WSP

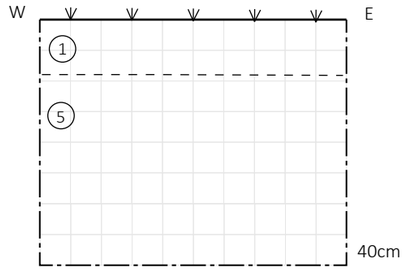
PROJECT
CWO-REZ TRANSMISSION PROJECT

TITLE
TEST PIT SECTION DRAWINGS
TALLAWANG CREEK

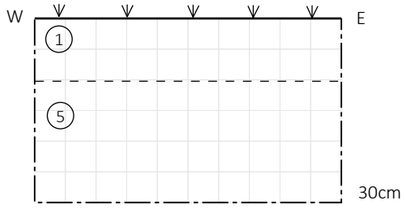
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	008
PROJECT NO.	VERSION	
E230829	1.0	

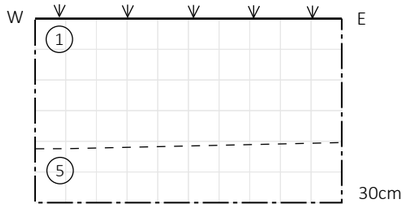
TP 177
NORTH SECTION



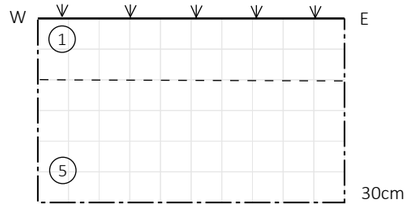
TP 178
NORTH SECTION



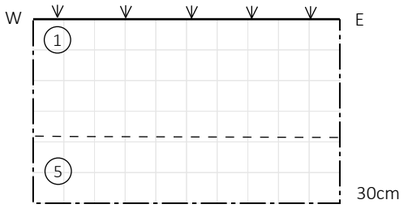
TP 179
NORTH SECTION



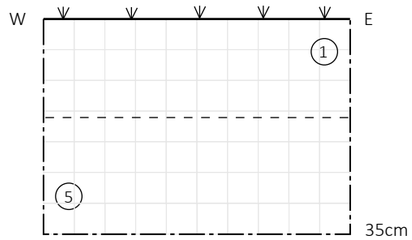
TP 180
NORTH SECTION



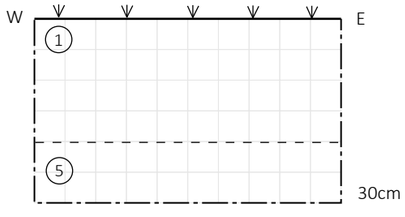
TP 181
NORTH SECTION



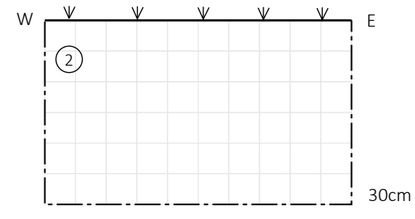
TP 182
NORTH SECTION



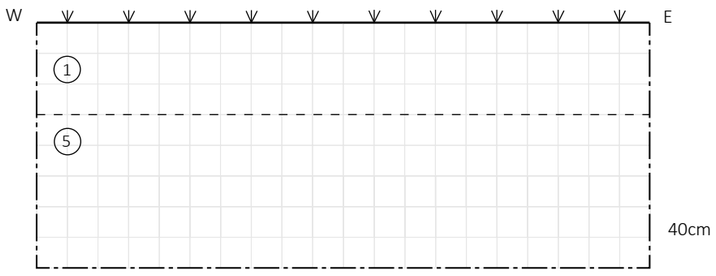
TP 183
NORTH SECTION



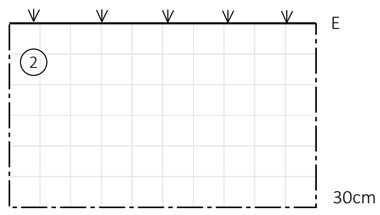
TP 185
NORTH SECTION



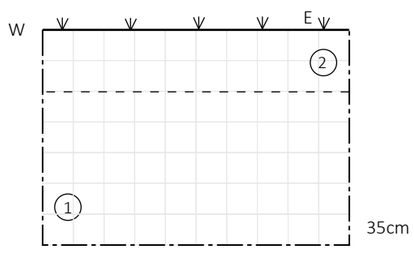
TP 186
NORTH SECTION



TP 187
NORTH SECTION



TP 187
NORTH SECTION



1 PALE-BROWN SILT HORIZON
2 PALE-WHITE SILT HORIZON
3 PALE-BROWN COMPACTED SILT
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5 BROWN-ORANGE COMPACTED SILTY CLAY LOAM

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VERSION	DESCRIPTION	DATE
1.0	DRAFT	05/02/2023

LEGEND
PIT BOUNDARY
SOIL PROFILE BOUNDARY
DIFFUSE SOIL PROFILE BOUNDARY
MED/LARGE ROOTS
STONE INCLUSIONS
GRAVELS
BURROW
OSL SAMPLE
CALCIUM CARBONATE NODULE

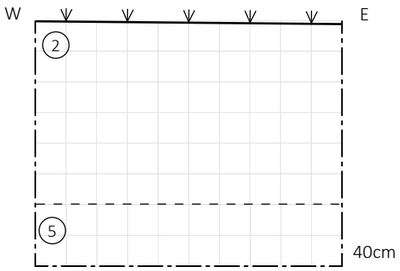
CLIENT
WSP

PROJECT
CWO-REZ TRANSMISSION PROJECT
TITLE
TEST PIT SECTION DRAWINGS
TALLAWANG CREEK

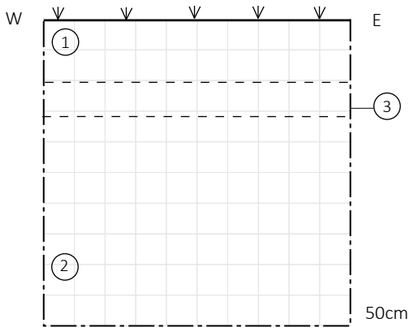
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	009
PROJECT NO.	VERSION	
E230829	1.0	

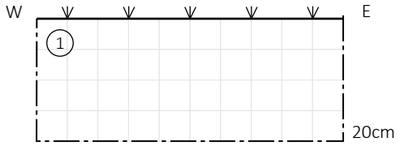
TP 188
NORTH SECTION



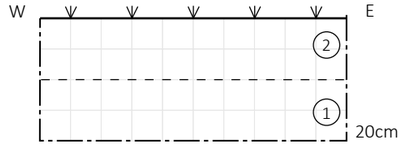
TP 189
NORTH SECTION



TP 190
NORTH SECTION



TP 191
NORTH SECTION



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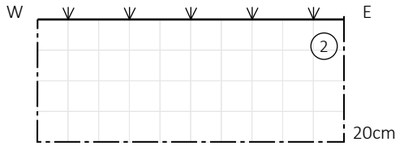
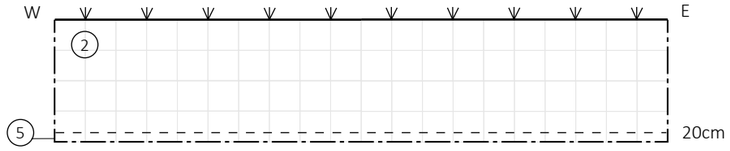
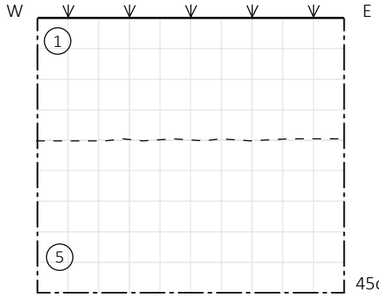
NORTH SECTION



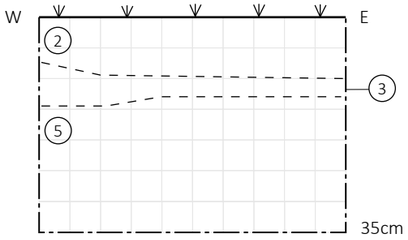
TP 198 EXPANSION
NORTH SECTION



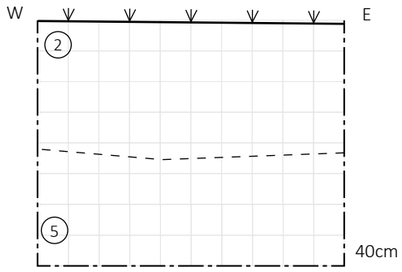
TP 199
NORTH SECTION



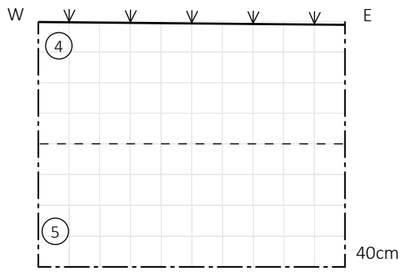
TP 200
NORTH SECTION



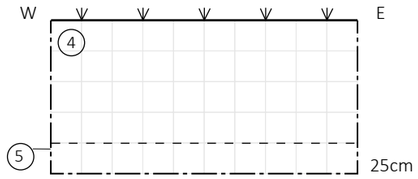
TP 201
NORTH SECTION



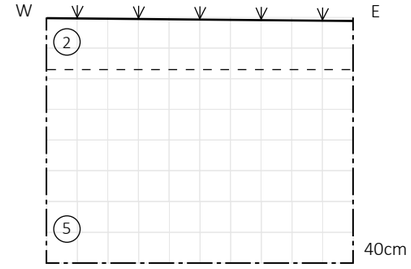
TP 202
NORTH SECTION



TP 204
NORTH SECTION



TP 205
NORTH SECTION



1. PALE-BROWN SILT HORIZON
2. PALE-WHITE SILT HORIZON
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5.

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VERSION	DESCRIPTION	DATE
1.0	DRAFT	05/02/2023

LEGEND

- PIT BOUNDARY
- SOIL PROFILE BOUNDARY
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- MED/LARGE ROOTS
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- BURROW
- OSL SAMPLE
- CALCIUM CARBONATE NODULE

CLIENT
WSP

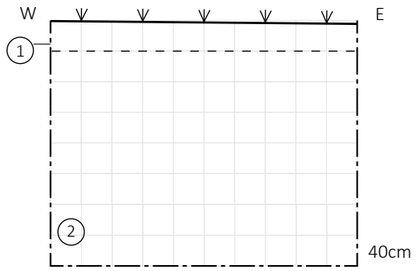
PROJECT
CWO-REZ TRANSMISSION PROJECT

TITLE
TEST PIT SECTION DRAWINGS
TALLAWANG CREEK

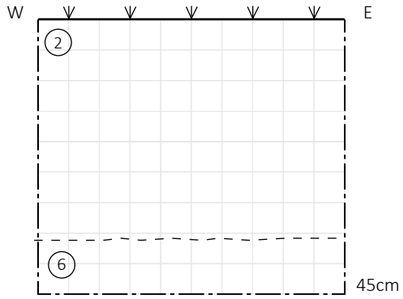
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	010
PROJECT NO.	VERSION	
E230829	1.0	

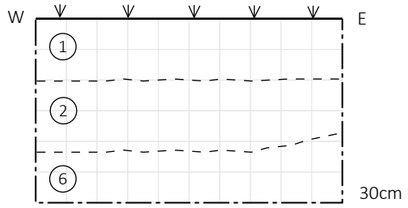
TP 207
NORTH SECTION



TP 208
NORTH SECTION



TP 209
NORTH SECTION



TP 211
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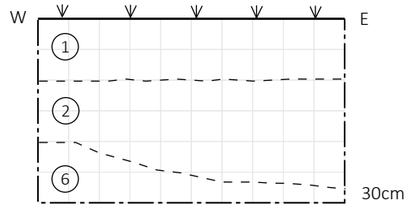
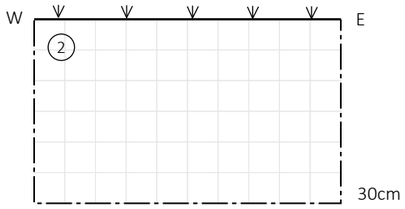
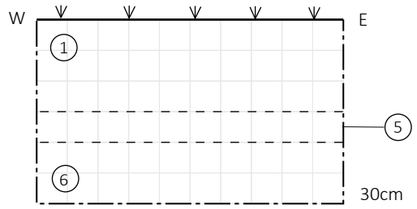


TP 214
NORTH SECTION



TP 216
NORTH SECTION



TP 216
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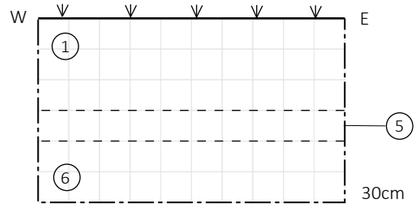
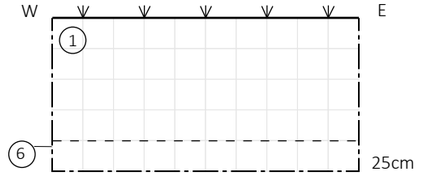
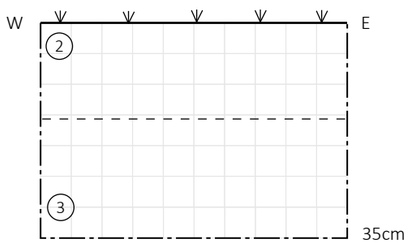


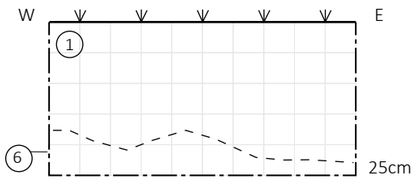
TP 217
NORTH SECTION



TP 218
NORTH SECTION



TP 220
NORTH SECTION



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6 DIFFUSED ORANGE CLAY LAYER

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VERSION	DESCRIPTION	DATE
1.0	DRAFT	05/02/2023

LEGEND

- PIT BOUNDARY
- SOIL PROFILE BOUNDARY
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- BURROW
- OSL SAMPLE
- CALCIUM CARBONATE NODULE

CLIENT
WSP

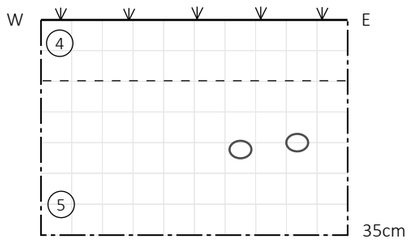
PROJECT
CWO-REZ TRANSMISSION PROJECT

TITLE
TEST PIT SECTION DRAWINGS
TALLAWANG CREEK

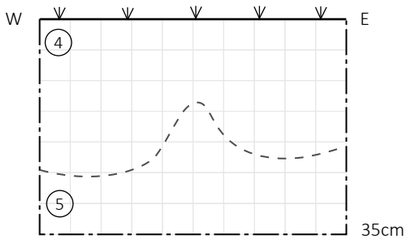
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	011
PROJECT NO.	VERSION	
E230829	1.0	

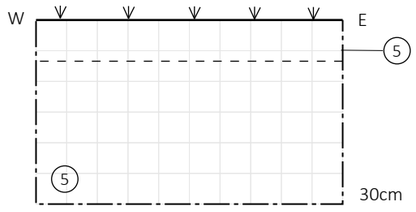
TP 224
NORTH SECTION



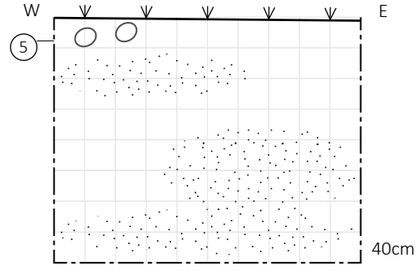
TP 226
NORTH SECTION



TP 227
NORTH SECTION



TP 230
NORTH SECTION



TP 231
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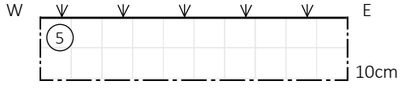

TP 235
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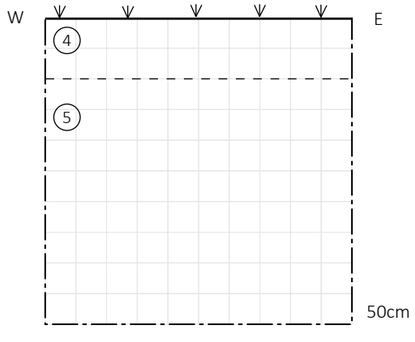

TP 236
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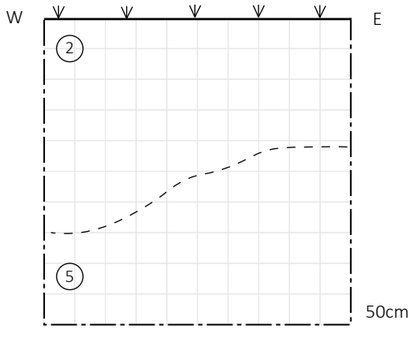

TP 237
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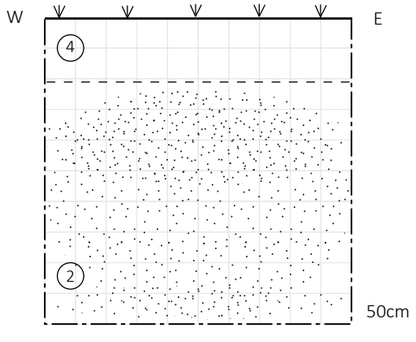
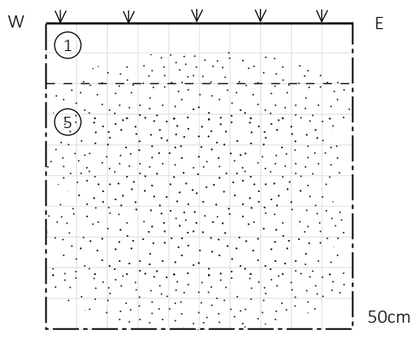
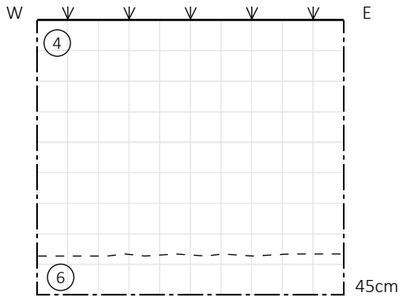


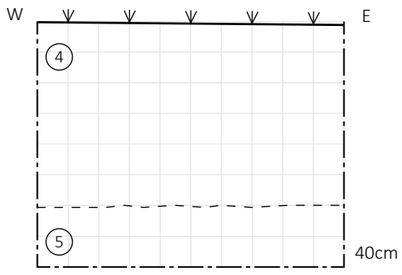
TP 239
NORTH SECTION



TP 240
NORTH SECTION



TP 242
NORTH SECTION



TP 243
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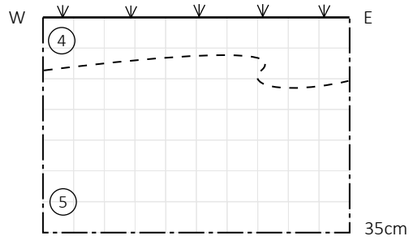

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CLIENT
WSP

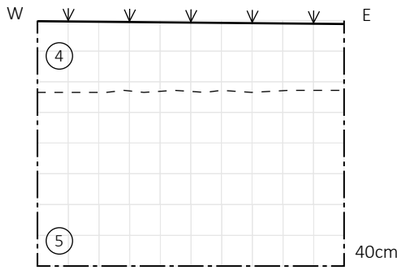
PROJECT
CWO-REZ TRANSMISSION PROJECT

TITLE
TEST PIT SECTION DRAWINGS
BROWNS CREEK

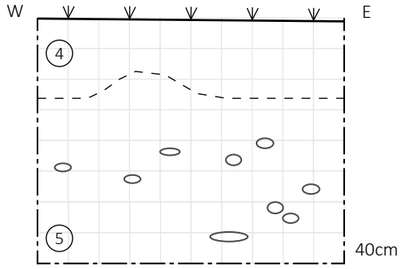
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	012
PROJECT NO.	**VERSION**	
E230829	1.0	

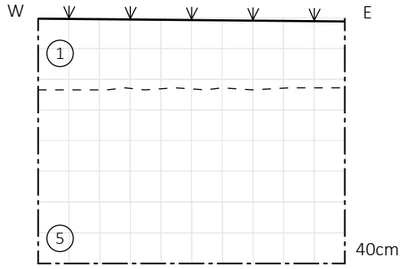
TP 245
NORTH SECTION



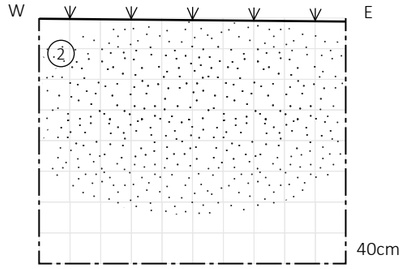
TP 246
NORTH SECTION



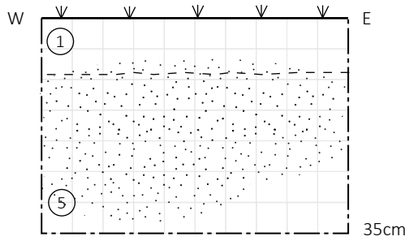
TP 252
NORTH SECTION



TP 253
NORTH SECTION

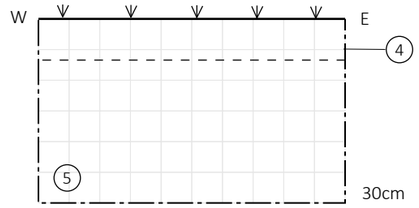


TP 254
NORTH SECTION

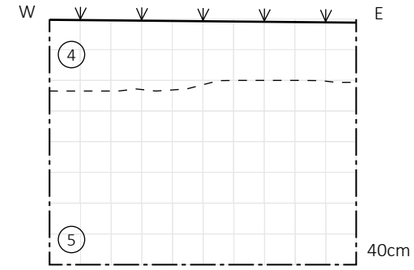


TP 256
NORTH SECTION

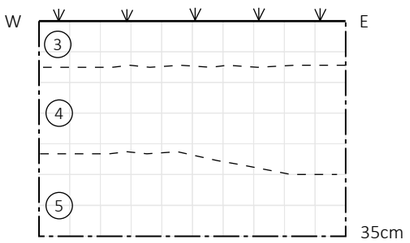
TP 260
NORTH SECTION



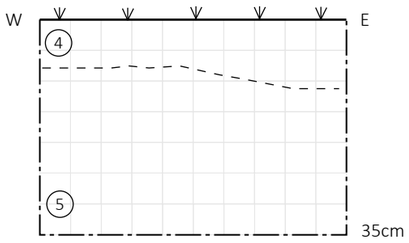
TP 261
NORTH SECTION



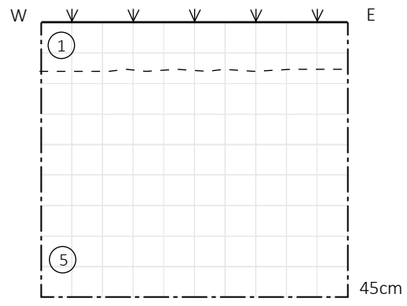
TP 262
NORTH SECTION



TP 264
NORTH SECTION



TP 265
NORTH SECTION



1 PALE-BROWN SILT HORIZON

2 PALE-WHITE SILT HORIZON

3 DARK GREY FINE SILT HORIZON

4 DARK BROWN SILTY LOAM HORIZON

5 BROWN-ORANGE COMPACTED SILTY CLAY LOAM

6 DIFFUSED ORANGE CLAY LAYER

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VERSION	DESCRIPTION	DATE
1.0	DRAFT	05/02/2023

LEGEND

- PIT BOUNDARY
- SOIL PROFILE BOUNDARY
- DIFFUSE SOIL PROFILE BOUNDARY
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- STONE INCLUSIONS
- GRAVELS
- BURROW
- OSL SAMPLE
- CALCIUM CARBONATE NODULE

CLIENT
WSP

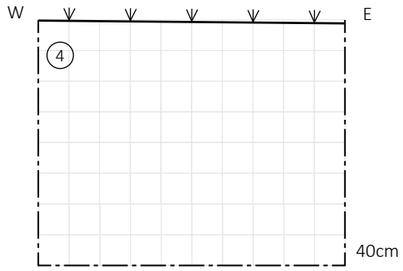
PROJECT
CWO-REZ TRANSMISSION PROJECT

TITLE
TEST PIT SECTION DRAWINGS
BROWNS CREEK

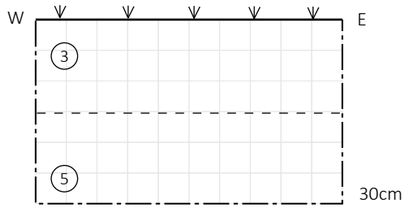
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	013
PROJECT NO.	**VERSION**	
E230829	1.0	

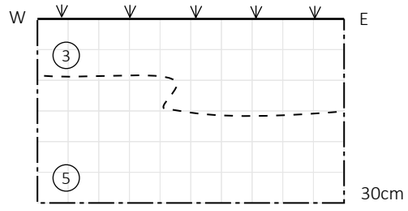
TP 269
NORTH SECTION



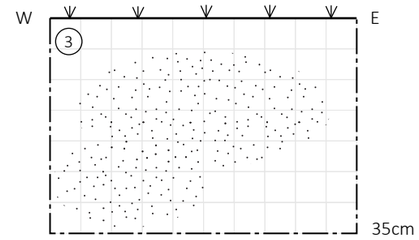
TP 271
NORTH SECTION



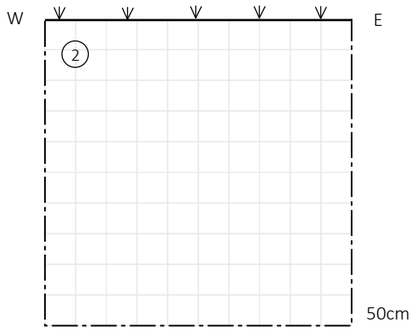
TP 272
NORTH SECTION



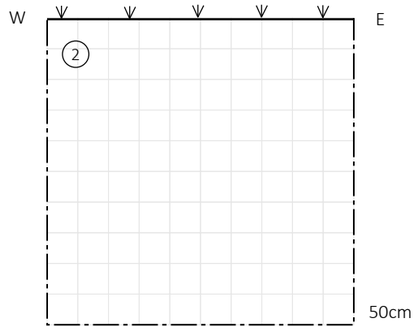
TP 275
NORTH SECTION



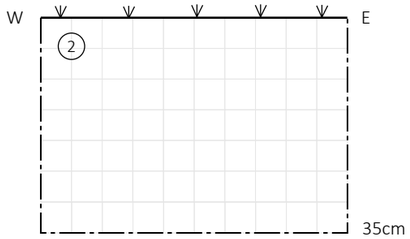
TP 276
NORTH SECTION



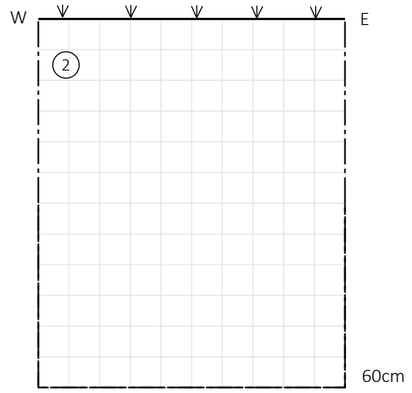
TP 277
NORTH SECTION



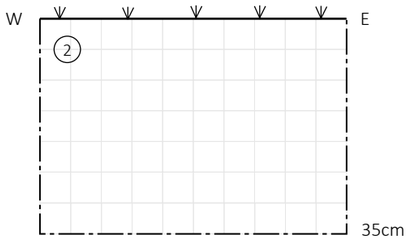
TP 278
NORTH SECTION



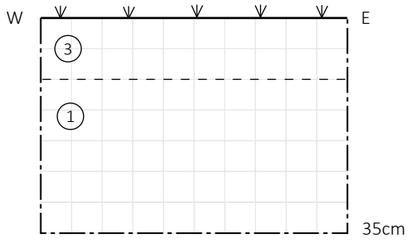
TP 289
NORTH SECTION



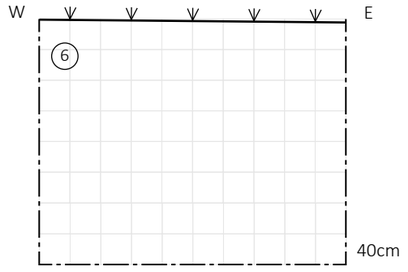
TP 290
NORTH SECTION



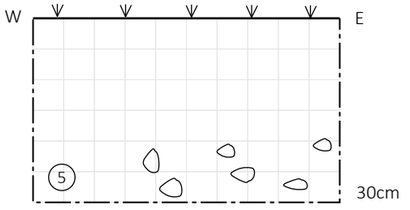
TP 293
NORTH SECTION



TP 308
NORTH SECTION



TP 305
NORTH SECTION



1. PALE-BROWN SILT HORIZON
2. PALE-YELLOW SILTY SAND HORIZON
3. BROWN SILTY SAND LOAM HORIZON
4. PALE-YELLOW SANDY CLAY LOAM HORIZON
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CLIENT
WSP

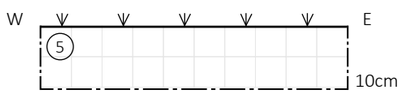
PROJECT
CWO-REZ TRANSMISSION PROJECT

TITLE
TEST PIT SECTION DRAWINGS
WHITES CREEK

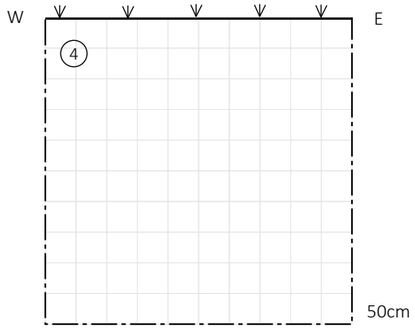
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	014
PROJECT NO.	**VERSION**	
E230829	1.0	

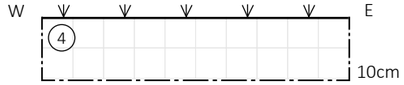
TP 319
NORTH SECTION



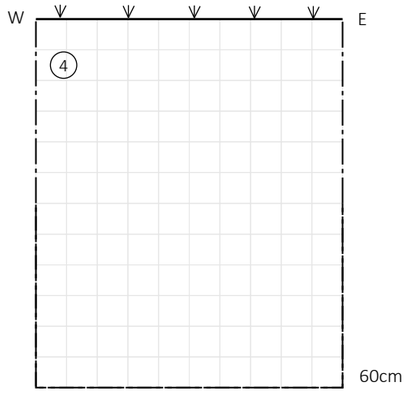
TP 324
NORTH SECTION



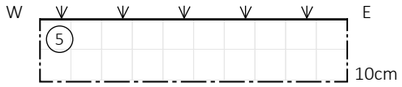
TP 330
NORTH SECTION



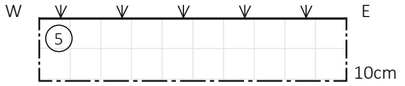
TP 348
NORTH SECTION



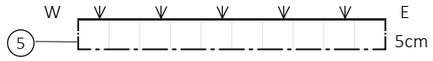
TP 708
NORTH SECTION



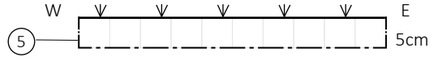
TP 710
NORTH SECTION



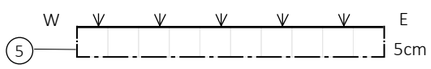
TP 711
NORTH SECTION



TP 712
NORTH SECTION



TP 713
NORTH SECTION



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CLIENT
WSP

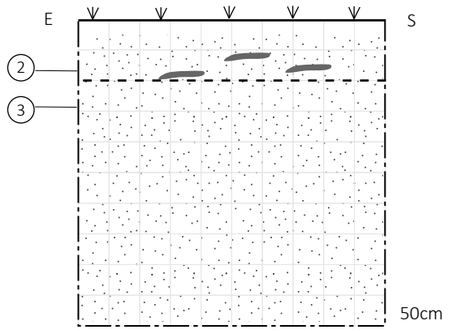
PROJECT
CWO-REZ TRANSMISSION PROJECT

TITLE
TEST PIT SECTION DRAWINGS
COCKABUTTA CREEK

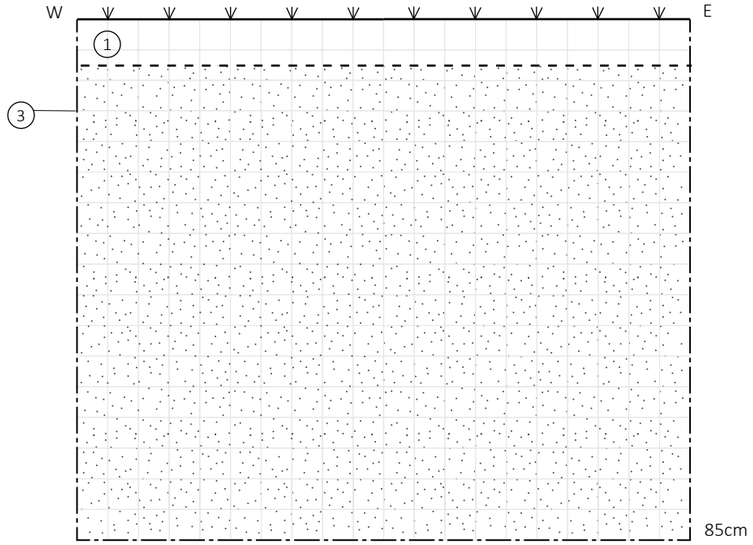
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	015
PROJECT NO.	**VERSION**	
E230829	1.0	

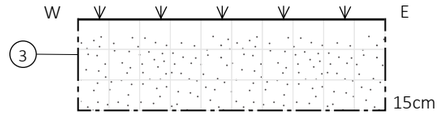
TP 394
NORTH SECTION



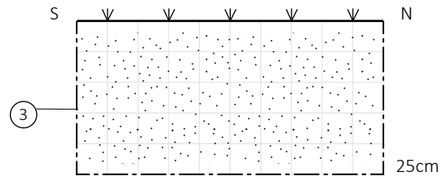
TP 395 EXPANSION
NORTH SECTION



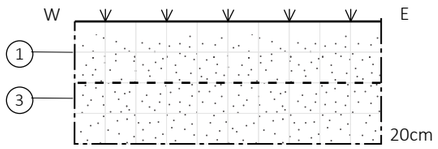
TP 396
NORTH SECTION



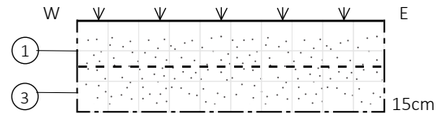
TP 397
NORTH SECTION



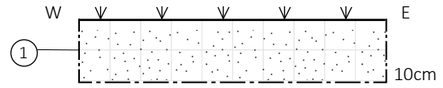
TP 398
NORTH SECTION



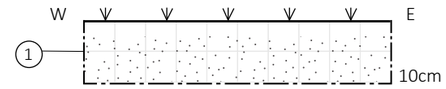
TP 399
NORTH SECTION



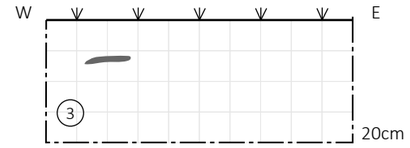
TP 400
NORTH SECTION



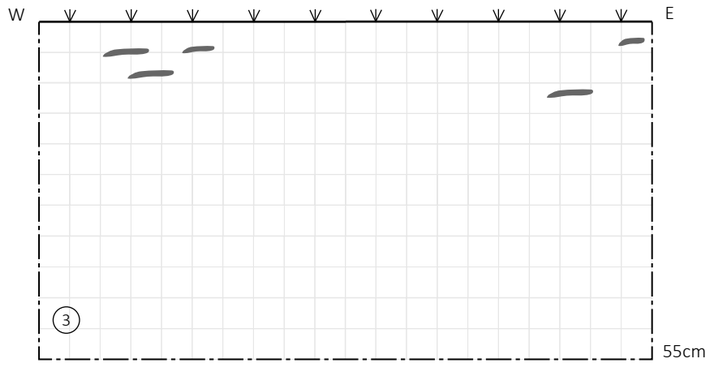
TP 401
NORTH SECTION



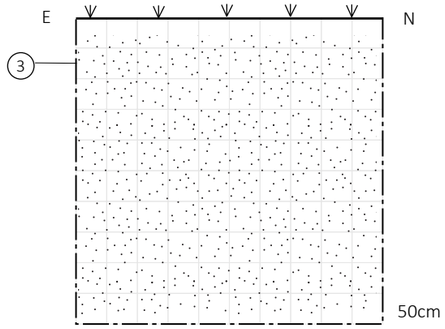
TP 407
NORTH SECTION



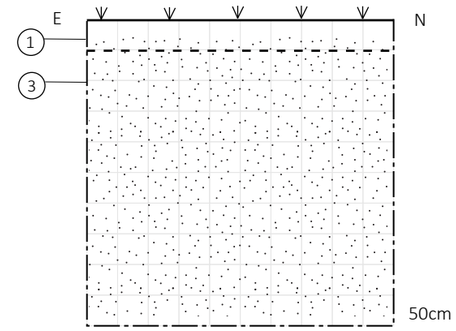
TP 408 EXPANSION
NORTH SECTION



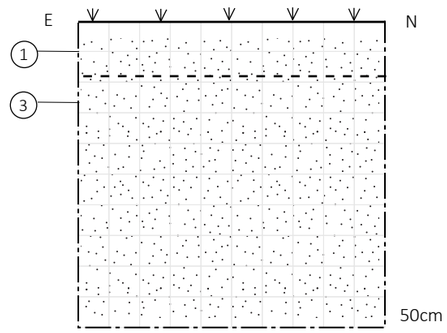
TP 409
NORTH SECTION



TP 410
NORTH SECTION



TP 411
NORTH SECTION



1. PALE-BROWN SILT HORIZON
2. PALE-BROWN SILTY LOAM HORIZON
3. PALE-YELLOW SILTY SAND HORIZON
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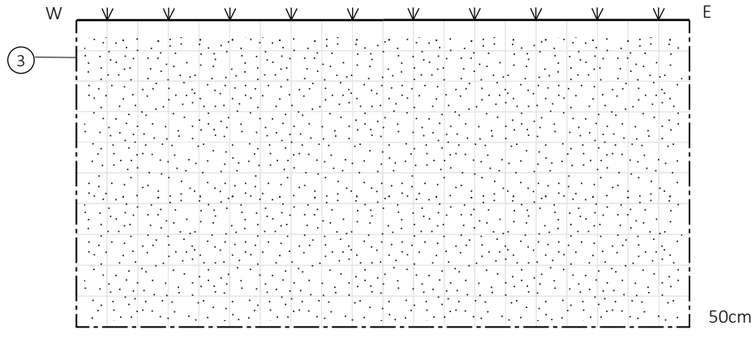
PROJECT
CWO-REZ TRANSMISSION PROJECT

TITLE
TEST PIT SECTION DRAWINGS
COCKABUTTA CREEK

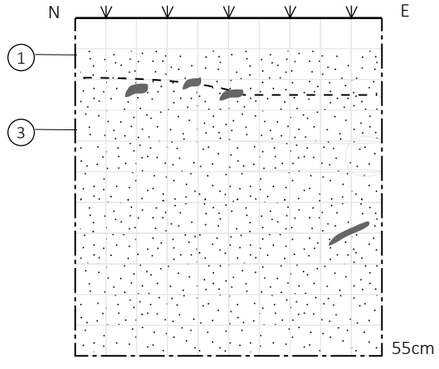
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	016
PROJECT NO.	**VERSION**	
E230829	1.0	

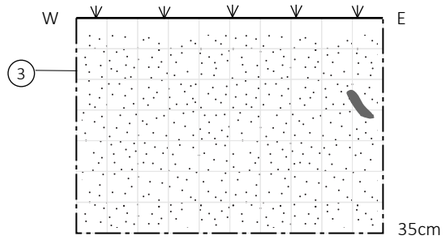
TP 414 EXPANSION
NORTH SECTION



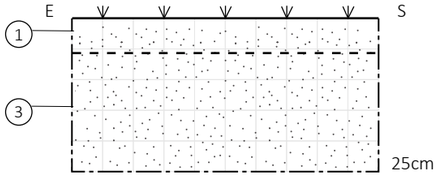
TP 419
NORTH SECTION



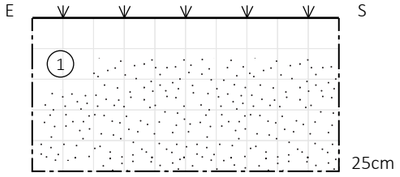
TP 420
NORTH SECTION



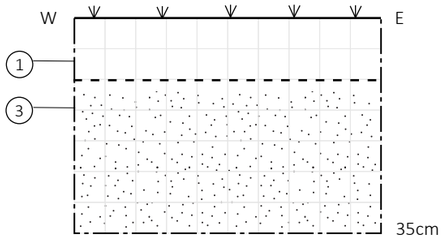
TP 421
NORTH SECTION



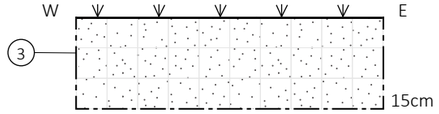
TP 422
NORTH SECTION



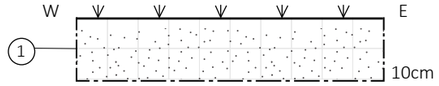
TP 423
NORTH SECTION



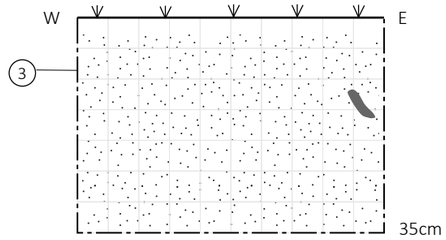
TP 429
NORTH SECTION



TP 431
NORTH SECTION



TP 434
NORTH SECTION



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3 PALE-BROWN SILTY SAND LOAM HORIZON

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CLIENT
WSP

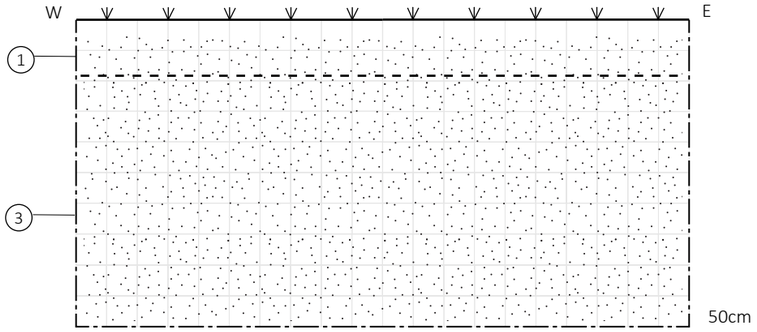
PROJECT
CWO-REZ TRANSMISSION PROJECT

TITLE
TEST PIT SECTION DRAWINGS
COCKABUTTA CREEK

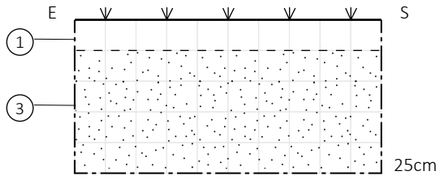
TP SECTION DRAWINGS

SCALE	DRAWN/CHECK	DRAWING NO.
1:10	SE/	017
PROJECT NO.	**VERSION**	
E230829	1.0	

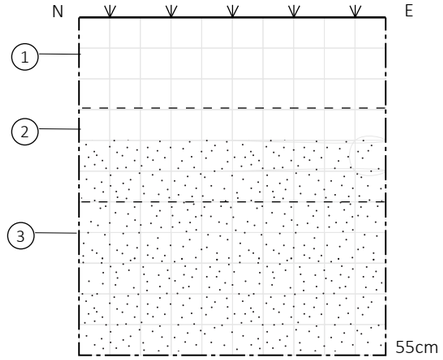
TP 445 EXPANSION
NORTH SECTION



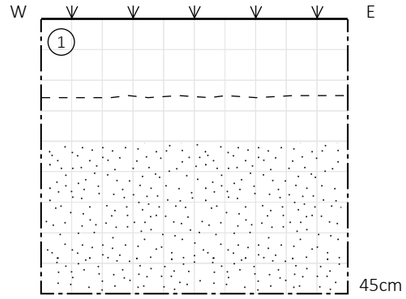
TP 453
NORTH SECTION



TP 449
NORTH SECTION



TP 473
NORTH SECTION



TP 476
NORTH SECTION

1 PALE-BROWN SILT HORIZON

2 PALE-YELLOW SILTY SAND HORIZON

3 PALE-BROWN SILTY SAND LOAM HORIZON

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VERSION	DESCRIPTION	DATE
1.0	DRAFT	05/02/2023

LEGEND

- PIT BOUNDARY
- SOIL PROFILE BOUNDARY
- DIFFUSE SOIL PROFILE BOUNDARY
- MED/LARGE ROOTS
- STONE INCLUSIONS
- GRAVELS
- BURROW
- OSL SAMPLE
- CALCIUM CARBONATE NODULE

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