

EnergyConnect (NSW - Eastern section)

Addendum Aboriginal Cultural Heritage Assessment Report

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Public Version – Redacted due to Cultural Heritage Sensitivity



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Executive Summary

The NSW Minister for Planning approved the EnergyConnect (NSW – Eastern Section) project (SSI-9172452) (the project) on 2 September 2022 under section 5.19 of the *Environmental Planning and Assessment Act 1979* (NSW). Transgrid has engaged SecureEnergy to design and construct the project. SecureEnergy is finalising the design and construction methodology in accordance with project commitments and requirements.

Condition C27 of the Infrastructure Approval requires the preparation of an Addendum Aboriginal Cultural Heritage Assessment Report (Addendum ACHAR) to the satisfaction of the Planning Secretary of the NSW Department of Planning and Environment “*prior to carrying out any construction within the unsurveyed areas of the development area identified in the EIS, or any potential archaeological deposits (PADs) identified for impact during detailed design*”.

This assessment has been completed in accordance with condition C27 and is aligned with the principles and processes in *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW* (Department of Environment, Climate Change and Water, 2010) (the Code of Practice).

This report should be read as an addendum to *Revised Aboriginal Cultural Heritage Assessment Report: EnergyConnect (NSW - Eastern Section)* (NOHC, 2022) (the Revised ACHAR), which was prepared and lodged as part along with the project’s Response to Submissions and Amendment Report prior to the granting of the Infrastructure Approval.

When finalising the design and construction methodology, Transgrid’s construction contractor, SecureEnergy, identified location areas where ground disturbance could potentially occur that were not subject to assessment in the Revised ACHAR. This report documents the assessment of these areas (referred to in this document collectively as the additional assessment areas) as required by to full satisfy the requirements of Condition C27.

This Addendum ACHAR:

- Describes additional heritage assessment carried out in previously unsurveyed areas of the project area.
- Provides a clarification to the impact area definitions.
- Details the consultation undertaken with RAPs for this assessment.
- Assesses potential impacts to the new sites identified during the additional heritage assessment; and
- Provides an update to the potential impacts of all known sites based on the current design and construction methodology and associated management recommendations.

In accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW* (Department of Environment, Climate Change and Water, 2010) (the Code of Practice) a desktop review was undertaken for the additional assessment areas to ascertain the following:

- If the additional assessment area was already surveyed as part of the archaeological surveys undertaken for the project
- If the additional assessment area is disturbed by previous activities such as road and track construction and agricultural practices in a manner that would have disturbed/destroyed any cultural/archaeological material present (an area of pre-existing high disturbance).

A desktop review was undertaken of all additional assessment areas. This included review of AHIMS data, aerial imagery to determine existing disturbance levels and comparison to the survey areas completed for the Revised ACHAR assessment works.

For any areas which were not subject to previous assessment in the Revised ACHAR and were not in an area of pre-existing high disturbance, a field assessment occurred. Field surveys were completed from 20 March to 1 April 2023 and 16 May to 18 May 2023, 4th September and 8th December. Archaeologists Darren Curnoe and Christian Keyes undertook the field surveys with the participation of representatives of the relevant Local Aboriginal Land Councils.

EnergyConnect (NSW - Eastern Section): Addendum Aboriginal Cultural Heritage Assessment Report



Disturbance level assumptions and clarifications

The assessment in the Revised ACHAR was based on a concept design and construction methodology. The assessment considered various degrees of ground disturbance based on activities that would occur in different parts of the construction impact areas by assuming the following broad disturbance area categories:

- Disturbance Area A
- Disturbance Area A (centreline)
- Disturbance Area B.

Section 3.3 of the Revised ACHAR described the varying degrees of ground disturbance assumed within each of these disturbance area categories, including when the construction impact area intersects potential archaeological deposits (PADs) and other areas of high sensitivity.

Transgrid's construction contractor SecureEnergy has been finalising the design and construction methodology. Through this process, the actual levels of disturbance likely in each location and disturbance area category has become clearer, particularly concerning the proposed vegetation removal methodology. To ensure adequate consideration of all likely potential impacts to sites and features of Aboriginal heritage significance, clarifications are provided below for Disturbance Area A (centreline) and Disturbance Area B to better describe the actual impacts likely.

The assessment documented in this Addendum ACHAR considers the original disturbance area categories with the clarifications as outlined below. The assessment of potential impacts to the new sites identified during the surveys carried out as part of this assessment and the update of potential impacts to all known (consolidated) sites has been carried out on this basis, see Section 7.

Vegetation clearing methodology clarification:

In relation to clearing of vegetation and other activities proposed in the Disturbance Area A (centreline) and Disturbance Area B, in areas of Aboriginal heritage and archaeological sensitivity, root balls will remain in situ unless removal is expressly requested by the relevant landholder.

The movement of the plant and equipment necessary to carry out clearing will disturb the vegetation and the top level of soil (surface disturbance) within the clearing areas, potentially across wide areas. In areas of Aboriginal heritage and archaeological sensitivity, direct ground disturbance past the surface layers will be limited, as no direct excavation (i.e. intentional removal of soil using graders, excavators etc) will occur (other than within Disturbance Area A or for root ball removal at landholder request).

Disturbance Area A (centreline) clarification:

Disturbance Area A (centreline) refers to a centreline area between the transmission line towers in which all vegetation (including trees) has been assumed to be removed during construction to ground level.

In areas of known or potential heritage subsurface sensitivity (i.e. PADs), Disturbance Area A (centreline) is subject to the following:

- vegetation would be cut to ground level and root balls would be retained as necessary to minimise subsurface impacts;
- unless indicated as a construction access track, slashing or mulching of vegetation to ground level (only if necessary) to facilitate stringing and vehicle/plant movements
- clearing of trees/woodland vegetation from centreline will be required through the following PADs (as a minimum):

- PAD22



- PAD23
- PAD26
- PAD31
- PAD35
- PAD36
- PAD37
- PAD38/39
- PAD40
- PAD42
- PAD43

As previously described, in these PADs, vegetation would be cut to ground level and root balls would be retained as necessary to avoid subsurface impacts;

- vehicles/tractors/plant pulling draw wires and conductors along the centreline;
- movement/tracking of other plant (like drill rigs) along the centreline.

Typically, the removal of vegetation and vehicle/plant movements along the centreline in areas of Aboriginal heritage and archaeological sensitivity will disturb any vegetation present and the top level of soil (surface disturbance) with no direct excavation (i.e. with graders, excavators or similar). Root balls will remain in situ unless removal is expressly requested by the relevant landholder.

Disturbance Area B clarifications:

In areas of known or potential heritage subsurface sensitivity (i.e. PADs), Disturbance Area B is subject to the following:

- vegetation would be cut to ground level and root balls would be retained as necessary to avoid subsurface impacts, unless removal is expressly requested by the relevant landholder
- movement and tracking of vehicles will be required to access the vegetation which requires removal.

Asset Protection Zone:

A new disturbance category (Asset Protection Zone) is introduced to address the clearing at construction compounds and accommodation camps required to comply with condition C45 j).

Results

Following desktop review, it was determined that 24 of the additional assessment areas required field assessment. A total of 13 newly identified Aboriginal sites were recorded across all additional assessment areas (PEC-E-106 to PEC-E-118). There are now 175 sites within the project area (including all recorded PADs).

The impact assessment for all recorded sites has been reviewed with consideration of the revised design and construction impact area and the clarification of activities within each disturbance area category. An updated and consolidated list of all sites and an assessment of potential impacts to each has been included.

Of the 13 new sites recorded during the additional assessment, five may be directly impacted by the project, five are located adjacent to the disturbance area and may be indirectly impacted and three sites will not be impacted by the project. Of all the sites recorded in the revised ACHAR (175), 66 will remain in-situ throughout construction and will be protected. This compares to 55 of the 147 sites and PADs in the Revised ACHAR that would not have been impacted.



Conclusion and recommendations

The impacts to Aboriginal heritage should be managed through the approved Construction Heritage Management plan including the following:

- AH1 Impact avoidance where reasonable and feasible
- AH2 Continued consultation with the RAPs per the recommended mitigation measures
- AH6 Collection of surface Aboriginal objects
- AH6 Photographic recording of hearths and sampling
- AH6 PAD salvage excavation
- AH11 Implementation of an Aboriginal heritage unexpected finds protocol.



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Abbreviations

ACHA(R)	Aboriginal Cultural Heritage Assessment (Report)
Addendum ACHAR	This report, an addendum to the Revised ACHAR prepared as part of the EIS, Submissions Report and Amendment Report
Revised ACHAR	The ACHAR prepared as part of the EIS, Submissions Report and Amendment Report
AHIMS	Aboriginal Heritage Information Management System
EIS	Environmental Impact Statement
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i> (NSW)
GIS	geographic information system
GPS	global positioning system
GSV	ground surface visibility
GSE	ground surface exposure
HMP	Heritage Management Plan
NOHC	Navin Officer Heritage Consultants Pty Ltd
NSW	New South Wales
OEH	NSW Office of Environment and Heritage (former)
PAD	potential archaeological deposit
RAP	registered Aboriginal party
SSI	State Significant Infrastructure



1 Background to this assessment

The NSW Minister for Planning approved the EnergyConnect (NSW – Eastern Section) project (SSI-9172452) (the project) on 2 September 2022 under section 5.19 of the *Environmental Planning and Assessment Act 1979* (NSW). Transgrid has engaged SecureEnergy to design and construct the project. SecureEnergy is finalising the design and construction methodology in accordance with project commitments and requirements.

Condition C27 of the Infrastructure Approval requires the preparation of an Addendum Aboriginal Cultural Heritage Assessment Report (Addendum ACHAR) to the satisfaction of the Planning Secretary of the NSW Department of Planning and Environment “*prior to carrying out any construction within the unsurveyed areas of the development area identified in the EIS, or any potential archaeological deposits (PADs) identified for impact during detailed design*”.

Through the process of design and construction methodology finalisation, SecureEnergy identified locations outside the unsurveyed areas identified in the EIS where ground disturbance associated with construction might occur. Typically, the locations include the following:

- areas where the heritage surveys were unable to be completed during preparation of the Revised ACHAR;
- areas where tower spacing and locations along the alignment have changed (compared to the locations considered and assessed in the Revised ACHAR) during detail design, and the specific access tracks assessed in the Revised ACHAR are no longer appropriate;
- areas adjacent to assessed access tracks to allow for spatial inaccuracies in the georeferenced aerial imagery used for impact assessment purposes, and alterations based on actual site conditions;
- areas where alternative access arrangements might be required based on ground conditions and topography not understood/considered during the EIS phase;
- areas where alternative access is required to avoid access through and impacts within locations with sensitive heritage and biodiversity values (for example, avoiding access through Plains-wanderer Important Habitat);
- parts of road corridors in the vicinity of approved access points and internal property access roads to account for all potential ground disturbance during access point installation, including signage within the road reserve on approach to the access points, track installation, upgrades and maintenance; and
- areas around water supply points to account for any ground disturbance required during access upgrades or that might occur due to project-related vehicle movements.

In relation to access, the purpose of the additional assessment areas is not to expand the project’s overall footprint of disturbance but to allow for flexibility in delivery, so that appropriate access routes and work extents etc can be adopted to facilitate construction and avoid and minimise impacts where appropriate, consistent with project requirements and commitments. As per condition C27, the additional areas require heritage assessment. Collectively, the identified locations are referred to as the additional assessment areas in this document.

Condition C27 f) requires that the report must provide an updated and consolidated list of sites that would be protected and remain in-situ throughout construction and sites that would be salvaged and relocated to suitable alternative locations.

On 20 March 2023, the Planning Secretary approved a request from the project under condition A8 to stage the preparation of Addendum ACHARs required by condition C27 as follows:

- Stage 1 – carrying out additional heritage assessment (including heritage test excavations) in areas (but not limited to) where:
 - the heritage surveys were unable to be completed during preparation of the EIS;
 - tower spacing and locations along the alignment have changed during detailed design;



- areas adjacent to assessed access tracks to allow for spatial inaccuracies and alterations based on actual site conditions or detailed design;
- Stage 2 – any additional test excavations required due to project changes within the surveyed/assessed areas and any other assessment matters that arise following Stage 1.

Under the staging proposal, separate Addendum ACHARs would be produced for each stage, if required.

This document is the Addendum ACHAR prepared for Stage 1 (the Stage 1 Addendum ACHAR). This assessment has been completed in accordance with condition C27 and is aligned with the principles and processes in *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW* (Department of Environment, Climate Change and Water, 2010) (the Code of Practice). This report should be read as an addendum to *Revised Aboriginal Cultural Heritage Assessment Report: Project Energy Connect (NSW Eastern Section)* (NOHC, 2022) (the Revised ACHAR), which was prepared and lodged as part along with the project's Submissions Report and Amendment Report prior to the granting of the Infrastructure Approval.

This Addendum ACHAR:

- describes additional heritage assessment carried out in previously unsurveyed areas of the project area;
- provides a clarification to the impact area definitions;
- details the consultation undertaken with RAPs for this assessment;
- assesses potential impacts to the new sites identified during the additional heritage assessment; and
- provides an update to the potential impacts of all known sites based on the current design and construction methodology and associated management recommendations.

1.1 Compliance with condition C27

This Addendum ACHAR has been prepared in accordance with the requirements of condition C27 of the Infrastructure Approval. Table 1-1 documents compliance with the requirements of condition C27.

Table 1-1 Compliance with condition C27

No.	Requirement	Where addressed?
C27	Prior to carrying out any construction within the unsurveyed areas of the development area identified in the EIS, or any potential archaeological deposits (PADs) identified for impact during detailed design, the Proponent must provide an Addendum Aboriginal Cultural Heritage Assessment Report (Addendum ACHAR), prepared in consultation with the Aboriginal stakeholders and Heritage NSW, to the satisfaction of the Planning Secretary. The report must:	This report has been prepared to address all requirements of condition C27.
	a) include details of consultation with the Aboriginal stakeholders;	Section 3 contains consultation carried out in relation to field surveys. Section 3 has been updated with details of consultation with the Aboriginal stakeholders regarding the draft Addendum ACHAR including AFG meetings.



No.	Requirement	Where addressed?
	b) describe the additional Aboriginal heritage surveys that were undertaken, including test excavations of PADs;	Section 2 Section 2.2 Section 4 Section 5 Appendix 2
	c) describe any potential additional impacts to heritage items;	Section 5 Section 7
	d) identify further mitigation measures, including avoidance or salvage;	Section 5 Section 8
	e) include detailed justification where the final transmission line alignment is not able to avoid impacts to heritage items; and	Section 7.1 and Table 7.2
	f) provide an updated and consolidated list of sites that would be protected and remain in-situ throughout construction and sites that would be salvaged and relocated to suitable alternative locations.	Section 7 and 8 Table 7-1 Table 8-2
	<i>Note: This condition does not apply to potential archaeological deposits (PADs) identified as "Area cleared for identified impact level per the category of Construction Impact Footprint" in the Revised Aboriginal Cultural Heritage Assessment Report (dated May 2022).</i>	Note only



2 Methodology

In accordance with the *Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW* (Department of Environment, Climate Change and Water, 2010) (the Code of Practice) a desktop review was undertaken for the additional assessment areas to ascertain the following:

- If the additional assessment area was already surveyed as part of the archaeological surveys undertaken for the project
- If the additional assessment area is disturbed by previous activities such as road and track construction and agricultural practices in a manner that would have disturbed/destroyed any cultural/archaeological material present.

For any areas which were not subject to previous assessment in the Revised ACHAR and were not in an area of pre-existing high disturbance a field assessment was undertaken.

If the area was within the previously surveyed area and/or has been subject to high disturbance, then a desktop review was undertaken. Appendix 2 of this report shows the areas subject to direct survey and those subject to desktop assessment only.

As part of this addendum scope, the properties which were not able to be surveyed during preparation of the Revised ACHAR have been reviewed and survey undertaken if access was now possible, to confirm the previous assumptions / confirm status of impacts as presented in the Revised ACHAR and to identify any new features of Aboriginal cultural or archaeological significance.

2.1 Desktop review

A desktop review was undertaken of all additional assessment areas. This included a review of AHIMS data, aerial imagery to determine existing disturbance levels and comparison to the survey areas completed for the Revised ACHAR assessment works. The desktop review identified locations where additional field assessment was required. Appendix 5 depicts the Revised Addendum ACHAR study areas and this Addendum ACHAR assessment area.

2.2 Field assessment

For any areas which were not subject to previous assessment in the Revised ACHAR and were not in an area of pre-existing high disturbance, a field assessment occurred. Field surveys were completed from 20 March to 1 April 2023, 16 May to 18 May 2023 and 4 September 2023. Archaeologists Darren Curnoe and Christian Keyes, Jasmine Fenyvesi and Elaine Dickens undertook the field surveys.

The field assessment involved pedestrian survey by two NOHC archaeologists and representatives of the relevant Local Aboriginal Land Councils.

Artefacts, artefact scatters, hearths and other Aboriginal objects were recorded, photographed and GPS coordinates taken.

Historic archaeological materials were also recorded, photographed and GPS coordinates taken.

Various localities between Lake Benanee and Wagga Wagga were surveyed. Details of the areas surveyed are summarised in Table 4-1.

2.3 Constraints

Two major constraints on archaeological field survey in general, including in the present assessment, are ground surface visibility (GSV) and ground surface exposure (GSE).

GSV is defined as:



... the amount of bare ground (or visibility) on the exposures which might reveal artefacts or other archaeological materials. It is important to note that visibility, on its own, is not a reliable indicator of the detectability of buried archaeological material. Things like vegetation, plant or leaf litter, loose sand, stony ground or introduced materials will affect the visibility. Put another way, visibility refers to 'what conceals'...¹

GSE is defined as:

...the area with a likelihood of revealing buried artefacts or deposits rather than just being an observation of the amount of bare ground. It is the percentage of land for which erosion and exposure was sufficient to reveal archaeological evidence on the surface of the ground. Put another way, exposure refers to 'what reveals'...²

2.4 Disturbance level assumptions and clarifications

The assessment in the Revised ACHAR was based on a concept design and construction methodology. The assessment considered various degrees of ground disturbance based on activities that would occur in different parts of the construction impact areas by assuming the following broad disturbance area categories:

- Disturbance Area A
- Disturbance Area A (centreline)
- Disturbance Area B.

Section 3.3 of the Revised ACHAR described the varying degrees of ground disturbance assumed within each of these disturbance areas categories, including when the construction impact area intersects potential archaeological deposits (PADs) and other areas of high sensitivity.

Transgrid's construction contractor SecureEnergy has been finalising the design and construction methodology. Through this process, the actual levels of disturbance likely in each location and disturbance area category has become clearer, particularly concerning the proposed vegetation removal methodology. To ensure adequate consideration of all likely potential impacts to sites and features of Aboriginal heritage significance, clarifications are provided below for Disturbance Area A (centreline) and Disturbance Area B to better describe the actual impacts likely. A new disturbance category for the clearing of Asset Protection Zones is also defined.

The assessment documented in this Addendum ACHAR considers the original disturbance area categories with the clarifications as outlined below. The assessment of potential impacts to the new sites identified during the surveys carried out as part of this assessment and the update of potential impacts to all known (consolidated) sites has been carried out on this basis.

Vegetation clearing methodology clarification:

In relation to clearing of vegetation and other activities proposed in Disturbance Area A (centreline) and Disturbance Area B, in areas of Aboriginal heritage and archaeological sensitivity, root balls will remain in situ unless removal is expressly requested by the relevant landholder.

The movement of the plant and equipment necessary to carry out clearing will disturb the vegetation and the top level of soil (surface disturbance) within the clearing areas, potentially across wide areas. In areas of Aboriginal heritage and archaeological sensitivity, direct ground disturbance past the surface layers will be limited, as no direct excavation (i.e. intentional removal of soil using graders, excavators etc) will occur (other than within Disturbance Area A or for root ball removal at landholder request).

¹ Department of Environment, Climate Change and Water, Sydney (now OEH). Code of Practice for Archaeological Investigation of Aboriginal Objects in New South Wales, p. 37.

² Op. cit., p. 39



Disturbance Area A (centreline) clarification:

Disturbance Area A (centreline) refers to a centreline area between the transmission line towers in which all vegetation (including trees) has been assumed to be removed during construction to ground level.

In areas of known or potential heritage subsurface sensitivity (i.e. potential archaeological deposits (PADs)), Disturbance Area A (centreline) is subject to the following:

- vegetation would be cut to ground level and root balls would be retained as necessary to minimise subsurface impacts;
- unless indicated as a construction access track, slashing or mulching of vegetation to ground level (only if necessary) to facilitate stringing and vehicle/plant movements;
- clearing will be required of trees/woodland vegetation from centreline through the following PADs (as a minimum):
 - PAD22
 - PAD23
 - PAD26
 - PAD31
 - PAD35
 - PAD36
 - PAD37
 - PAD38/39
 - PAD40
 - PAD42
 - PAD43

As previously described, in these PADs, vegetation would be cut to ground level and root balls would be retained as necessary to avoid subsurface impacts;

- vehicles/tractors/plant pulling draw wires and conductors along the centreline; and
- movement/tracking of other plant (like drill rigs) along the centreline.

Typically, the removal of vegetation and vehicle/plant movements along the centreline in areas of Aboriginal heritage and archaeological sensitivity will disturb any vegetation present and the top level of soil (surface disturbance), with no direct excavation (i.e. with graders, excavators or similar). Root balls will remain in situ unless removal is expressly requested by the relevant landholder.

Disturbance Area B clarifications:

In areas of known or potential heritage subsurface sensitivity (i.e. potential archaeological deposits (PADs)), Disturbance Area B is subject to the following:

- vegetation would be cut to ground level and root balls would be retained as necessary to avoid subsurface impacts, unless removal is expressly requested by the relevant landholder;
- movement and tracking of vehicles will be required to access the vegetation which requires removal.

Asset Protection Zone:

Condition C45 j) requires maintenance of an Asset Protection Zone (APZ) with vegetation at a height of 100 millimetres or less at construction compounds and accommodation camps. The Cobb Highway construction compound and accommodation camp is immediately adjacent to PEC-E-PAD45. The vegetation within this PAD therefore requires management to maintain the required APZ. Clearing of the APZ will occur in a similar manner as centreline clearing in areas that feature ground cover, grasses, shrubs and other forms of low height vegetation (i.e., with a tractor fitted with a slasher (or similar)). Clearing of the APZ within the PAD will disturb any vegetation present and the top level of soil (surface disturbance), but no direct excavation (i.e. with graders, excavators or similar) will occur.

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2.5 Review of impacts to all sites and PADs

The impact assessment for all recorded sites has been reviewed with consideration of the revised design and construction impact area and the clarification of activities within each disturbance area category. The assessment of potential impact to all sites has been reviewed and an updated and consolidated list of all sites included (refer to Section 7).

The potential impacts within PADs, based on the revised construction activities and footprints, along with the clarifications for the disturbance level assumptions, have been reconsidered and assessed, and the recommended management actions updated (refer to Section 0).



3 Consultation

3.1 Aboriginal consultation

Aboriginal organisations were invited to participate in the field assessment as part of this project. Aboriginal organisations represented in the field during the field survey events have comprised:

- Balranald Local Aboriginal Land Council
- Deniliquin Local Aboriginal Land Council
- Hay Local Aboriginal Land Council
- Cummeragunja Local Aboriginal Land Council
- Wagga Wagga Local Aboriginal Land Council.

On 31 October 2023 a draft copy of this report was provided to all the Registered Aboriginal Parties (RAPs) for the project for their review and comment. In addition, a series of meetings were held with community representatives over three days in November. Appendix 2 contains all consultation records.

Table 3-1 outlines the comments received directly from representatives and addresses each comment. Some comments have been shortened, for full comments please see Appendix 2.

Table 3-1 Representative comments and responses

Organisation/Individual	Comment	Response
Mark Saddler Bundy Cultural Tours. 1/11/2023	Just recently I did survey work very near to your powerlines in the Wagga Wagga area. Over 100 artifacts were located and recorded, these areas are very near to your footprint of the main power lines that enter into Wiradjuri country at Wagga Wagga.	A revised AHIMS search has been completed for the assessment area around Wagga Wagga in the vicinity of [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
	It would appear that only LALCs were invited to attend these very important surveys. No RAPs or Local Aboriginal Community Members attended... I want to have the opportunity that has been afforded to LALCs to be able to walk my country, record and save Wiradjuri culture before any more destruction by the company you work for.	The surveys for the Addendum ACHAR were small in area and Transgrid decided to invite the LALCs, given existing relationships and that they formed part of the wider-RAP group. The Revised ACHAR included significantly larger areas, and also sub-surface test excavations; Mark Saddler and representatives of Mark, were invited to these field assessments.
	I do not agree with your assessments or report.	Noted
	I also request that your report warns people that parts of our people are shown in this report. Respect must be shown and given at all times to our people and country. Page 143 in your report clearly shows a photo of one of our	The images are in an appendix that will be redacted prior to any public dissemination. The images are included to indicate that all care was taken with the remains and the report does not refer to the remains as an artefact. The report does not compare the remains to a kangaroo.



Organisation/Individual	Comment	Response
	<p>people's body parts. This disturbs me greatly and also that the part is described and shown and also compared to Womboin (kangaroo) parts.</p> <p>The part is not an artefact, but that of a bubadyi (baby, small child) so should be treated as such with Yindyamarra (respect).</p>	<p>It only seeks to show that they are human remains and not animal remains.</p>
<p>Mark Saddler Bundy Cultural Tours. 26/11/2023</p>	<p>I'm very concerned that many Wiradjuri items, places and songlines have been missed on the previous cultural survey walkovers. I informed the meeting this week that places like "Rowan" & "Boiling Down Road" and many more places have Wiradjuri items still in place, ... Table 5-21 and Table 5-20 page 60, state that "No Aboriginal sites/objects are located in the area". That is untrue and misleading as Wiradjuri objects, places and songlines do exist very near the project area and in fact very often in the project area. The cultural survey work for the above draft report has not been carried out correctly and did not have proper consultation with local RAPs and knowledge holders.</p> <p>I also raised concerns over the access tracks to and from these sites and places as they have not been clearly indicated to RAPs and local Wiradjuri community. As such I reject the draft report on the grounds that correct surveys need to be undertaken for all possible access tracks to ensure that no further loss of Wiradjuri culture or items will occur.</p> <p>I also made comment that both Transgrid and Secure Energy both have a lack of understanding with regards to Wiradjuri culture, items, places and people. This needs to be addressed urgently via</p>	<p>As above, a revised AHIMS search has been completed. In addition, Section 5.2.7 has been amended to add in the adjacent AHIMS sites into the mapping and assessment. These sites, if adjacent to the project area, have also been added to the impact table in Section 7.</p> <p>No further detail has been provided by Mark on the location of sites and areas of significance in all of the correspondence provided. The completed additional AHIMS searches to try to ascertain any additional site locations.</p> <p>All of the access tracks depicted in this report have been surveyed, either as part of the Revised ACHAR assessment surveys or as part of this Addendum ACHAR survey.</p> <p>Transgrid and Elecnor have taken this comment into consideration and will address through the review of current online cultural awareness training and inductions, which are given to all staff working on the project. For Elecnor staff in a position</p>



Organisation/Individual	Comment	Response
	<p>the means of cultural awareness programs and also the updating of company induction processes for staff and contractors as current induction processes lack substance and information around the awareness of Wiradjuri culture ad country.</p>	<p>to make decisions that could potentially impact Indigenous heritage (i.e senior site staff and management), face-to-face cultural awareness training will be delivered by an appropriate local Indigenous provider.</p>
	<p>I commented at the meeting that RAPs need to be engaged at all times with regards to projects that work on Wiradjuri country. We are to be engaged at the very start and continue to be engaged throughout the entire project. Wiradjuri people are the knowledge holders of our culture and as such we need to be at every meeting and work-related activities on Wiradjuri country. We need to work very closely with the Archaeologist to ensure that what they write and understand comes from local RAPs and community. We also will be remunerated for our time and intellectual property.</p>	<p>RAPs have been engaged and present through all of the assessment work completed to date. RAPs have also had opportunities to provide comment on both the project methodologies, ACHARs and HMPs. Transgrid have also undertaken one on one meetings and group meetings as part of the consultation process.</p>
	<p>I also support Wagga Wagga City Council who raised concerns about the lack of information and clarity with regards to access roads and project work related activities as up until now RAPs and many stakeholders have not been kept correctly informed about what is happening with regards to earthworks and access tracks</p>	<p>The comments raised by Wagga Wagga City Council were not in relation to the Addendum ACHAR and are not considered appropriate to address within this document.</p>
	<p>Another concern I have is that not allowing RAPs and the Archaeologist to look outside “Project Areas” to ensure that all Wiradjuri culture is captured and protected, is only allowing reports to be written that are not reflecting the true history of our country and land. The reports are only reflecting what the proponent</p>	<p>The Revised ACHAR included extensive background assessment and mapping covering a wider project area than the assessed area. The current assessment limits itself to the project area as it is only assessing impact from the project, there is not scope in this Addendum assessment to take a wider view as this was covered by the Revised ACHAR.</p>



Organisation/Individual	Comment	Response
	wants to see and not what they should see.	
<p>John Winch Email 19/11/23</p>	<p>Traditional Owners were not consulted during survey only the LALC.</p>	<p>The RAPs for the project include both LALCs and Traditional Owners, both of which have been involved in the heritage surveys and subsurface test excavation programs.</p>
	<p>Within Mutthi Mutthi country the PAD sites should be.</p> <ul style="list-style-type: none"> • North of Lake Benanee towers 650 to 625, • Box Creek and Waldaira Lake towers 545 to 529, • Murrumbidgee River towers 515 to 507. • Towers 492 to 488 are in the same landform as the burial ground 900 meters away. • Towers 464 to 440 Condoulpe Creek, Lintot Lake • Towers 401 to 390 Abercrombie Creek, tower 400 looks like it's in the middle of a hearth mound. • Towers 302 to 286 The Forest Creek. 	<p>North of Lake Benanee towers 650 to 625: This area was the subject of field survey and while it is close to Dry Lake and Lake Benanee very few sites have been recorded and no areas of archaeological potential were identified. The assessed disturbance area is not within the significant sand dune area associated with those lakes. It is accepted that the area has cultural significance and that there are many recorded sites close to both lakes.</p> <p>Box Creek and Waldaira Lake towers 545 to 529: One area of archaeological potential was identified in the area (PEC-E-PAD01). Test excavation was completed and no artefacts were found within the PAD in the area of the transmission line disturbance. PAD01 was assessed to no longer be a PAD.</p> <p>Murrumbidgee River towers 515 to 507: One area of archaeological potential was identified in the area PEC-E-PAD-02, on the northern side of Murrumbidgee River. Test excavation was completed and no artefacts were found within the disturbance area of the transmission line. The PAD boundaries of PAD02 were changed so that the PAD is now outside of the transmission line corridor.</p> <p>Towers 492 to 488: There are two PADs in this area, PEC-E-PAD03 and PEC-E-PAD04. Again, both were the subject of test excavations. PAD03 was found to have artefacts and is still considered to be a PAD. Mitigation measures such as further testing</p>



Organisation/Individual	Comment	Response
		<p>and salvage excavation are recommended for this site. No artefacts were found in PAD04 so the area is no longer considered to be a PAD.</p> <p>Towers 464 to 440 Condoulpe Creek, Lintot Lake: A PAD was identified at this area (PEC-E-PAD05) and was subject to test excavation. Again no artefacts were found during the test excavation in the PAD and therefore the area is no longer considered to be a PAD.</p> <p>Towers 401 to 390 Abercrombie Creek: This area was subject to field survey and no areas of PAD were identified. No sites were recorded in this area. No earth mounds were identified. The soils encountered in this area were not indicative of Aboriginal sites.</p> <p>Towers 302 to 286 The Forest Creek: This area was subject to field survey and no areas of PAD were identified. No sites were recorded in this area. The soils encountered in this area were not indicative of Aboriginal sites.</p>
AFG Balranald 21/11/23	<p>John Winch expressed concerns on the following:</p> <ul style="list-style-type: none"> • Burial Sites – [REDACTED] • Opportunities to for additional walkovers – Yanga Lakes – Box Creek. <p>Moving Forward – John would like to see areas of concern re – surveyed.</p> <p>Mary expressed concerns on the following:</p> <ul style="list-style-type: none"> • upset with lack of consultation, <p>Mary was concerned with :</p> <ul style="list-style-type: none"> • surveying and salvage on the camp site • use of LALC as they are not TO's • Use of John Winch 	<p>Answers to Johns concerns as above.</p> <p>SA informed Mary that we have been engaging with Jason Pappin (brother and Corp member), he has been informed and engaged in the surveying and test pit excavation with Navin Officer Heritage along with Verna Pappin.</p>
Hay AFG 21/11/23	<ul style="list-style-type: none"> • Recommended Transgrid check with Wiradjuri council of elders – to obtain the right contact to work on relevant country 	<p>Comments noted, mitigation measures aim to avoid impact as much as possible</p>



Organisation/Individual	Comment	Response
	<ul style="list-style-type: none"> • Happy to see green energy that is beneficial to “everyone” opportunities come with the projects. • main issue it to make sure none of the sites are destroyed • Long term mutual benefits • Test excavation in areas that weren’t in PAD previously • What happens to artefacts? Artefacts can be temporarily moved however they are required to be repatriated as artefacts belong to the old people and belong on country • Make sure there is as little impact on Country as possible. 	
Cummeragunja AFG 22/11/23	<ul style="list-style-type: none"> • wants to be able to go on site and have lessons learned for the rest of the projects • Can’t make an overall informed cultural decision if you can’t go outside the zone, can’t do the job properly with the situation • Once cultural heritage surveys are finished consultation with TO’s should not finish. This needs to be ongoing. • Yanga and Bananee are important to the Muthi Muthi people, would prefer not to have artefacts removed off country, not to Sydney or Wagga, and reburied and relocated within the area of repatriation in collaboration with the TO’s. • BAC and Cummeragunja LALC support the Addendum Achar that was prepared by the Archaeologist • BAC and Cummeragunja LALC would like to attend site again after we acquire the easements 	<p>Further opportunity will be given for Raps to go onsite and participate in the salvage program</p> <p>The assessment was limited to the project area and in addition land access arrangements generally mean that survey has t remain within the project area Artefacts will remain in the area</p> <p>Other comments noted</p>



Organisation/Individual	Comment	Response
Deniliquin AFG 22/11/23	<ul style="list-style-type: none">• No concerns around additional surveys captured in the Addendum ACHAR – nothing sticking out that requires further investigation.• Preference for repatriation is for all salvaged artefacts to be put back where they were collected from.	Comments noted

3.2 Agency consultation

A draft copy of this report has been provided to Heritage NSW for review and comment.



4 Desktop results

A desktop review was undertaken of all additional assessment areas. An outline of the Aboriginal heritage context for the project area is provided in Section 6 of the Revised ACHAR, which has informed the assessment of the additional assessment areas. This context is not repeated in this Addendum ACHAR and remains applicable to the additional assessment areas.

A new AHIMS search including the additional assessment areas, the Revised ACHAR assessment area was completed on 24 July 2023. An additional search was undertaken of the Wagga area in December 2023 in response to RAP comments. This data along with the information from Section 6 of the Revised ACHAR were used to determine the location of recorded Aboriginal sites in the additional assessment area.

In addition, records of the survey coverage from the Revised ACHAR were used to determine if survey had been completed in the area of additional assessment areas. For example, if the additional survey area was in parallel with the Revised ACHAR survey area and the Revised ACHAR survey area assessed the same landform as the additional survey area then the desktop assessment determined that the area had been assessed. If the Revised ACHAR survey area did not survey the same landform or route of the additional survey area, then the desktop assessment determined that the area had not been assessed.

Following the desktop review, it was determined that 24 of the additional assessment areas required field assessment (see Table 4-1) as they had not been assessed in the Revised ACHAR. Detailed results of the field surveys on each of these areas are provided in Section 5.2.

Table 4-1 Areas surveyed by NOHC archaeologists and local RAPs

Region	Areas Surveyed/Transgrid Holding Numbers
Balranald	Yanga State Conservation Area
	H060
	H061
Lake Benanee	Benanee Road and road wayside
Boorooban	H070
	H071
	H075
	H076
Bundure	Thurrowa Road and road wayside
	H094
	H101
Lake Cullivel	H124
	H125
Lockhart	H160
	H161



Region	Areas Surveyed/Transgrid Holding Numbers
Wagga Wagga	Holbrook Road and road wayside
	Rowen Road and road wayside
	Plumpton Road and road wayside
	Boiling Down Road and road wayside
	H193
	H195
	Old Station Road and road wayside
	H208
	H209
	H197



5.2.1 Balranald areas

Figure 5-1 indicates the areas surveyed. Table 5-2 provides the field survey results for the Balranald Yanga State Conservation Area site survey.

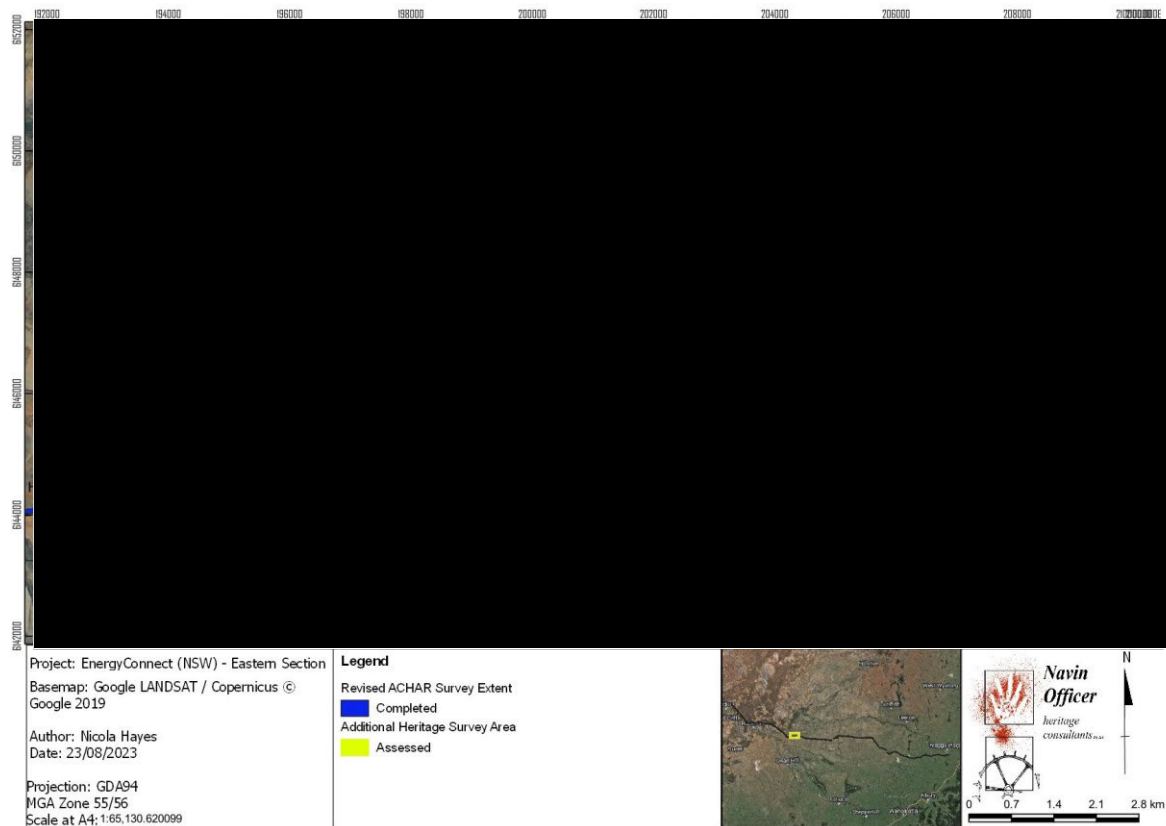


Figure 5-1 Surveyed areas, Balranald

Table 5-2 N Breeding Trail, Yanga State Conservation Area (see Figure 5-2)

Landform and archaeological sensitivity	Flat unsealed road surface and wayside. Visibility: 100% along entire track but 0-100% along wayside (typically ~15%). Exposure: 100% along entire (graded) track surface and wayside.	
Disturbance	Road surface had been graded removing natural topsoil layers and vegetation. Wayside largely sediment heaps from grading activities.	
Aboriginal sites/objects located – description	None	
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	



Figure 5-2 N Breeding Trail (Yanga State Conservation) showing the landscape of the area surveyed (road and wayside)
(Source: NOHC, March 2023)

Table 5-3 provides the field survey results for the Balranald H060 site survey.

Table 5-3 N Breeding Trail, Holding H060 (see Figure 5-3)

Landform and archaeological sensitivity	Flat unsealed road surface and wayside. Visibility: 70-100% along entire track but 0-50% along wayside (typically ~10%). Exposure: 100% along (graded) track surface and wayside.	
Disturbance	Road surface had been graded in the past removing natural topsoil layers and vegetation. Some vegetation has recolonised the road in its middle. Wayside largely small sediment heaps from grading activities.	
Aboriginal sites/objects located – description	None	
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	



Figure 5-3 N Breeding Trail (Holding H060) showing the landscape of the area surveyed (road and wayside)

(Source: NOHC, March 2023)

Table 5-4 provides the field survey results for the Balranald H061 site survey.

Table 5-4 Holding H061 (see Figure 5-4)

Landform and archaeological sensitivity	Area of flat ploughed agricultural land beside existing powerline easement. Track beside the field alongside was surveyed. Field and track 0-25% visibility, 100% exposure.	
Disturbance	Landscape has been subject to extensive disturbance through the clearance of native vegetation and ploughing of the soil.	
Aboriginal sites/objects located – description	None	
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	



Figure 5-4 Holding H061 showing the landscape of the surveyed area

(Source: NOHC, March 2023)



5.2.2 Lake Benanee

Table 5-5 provides the field survey results for the Benanee Road site survey. Figure 5-5 indicates the areas surveyed.

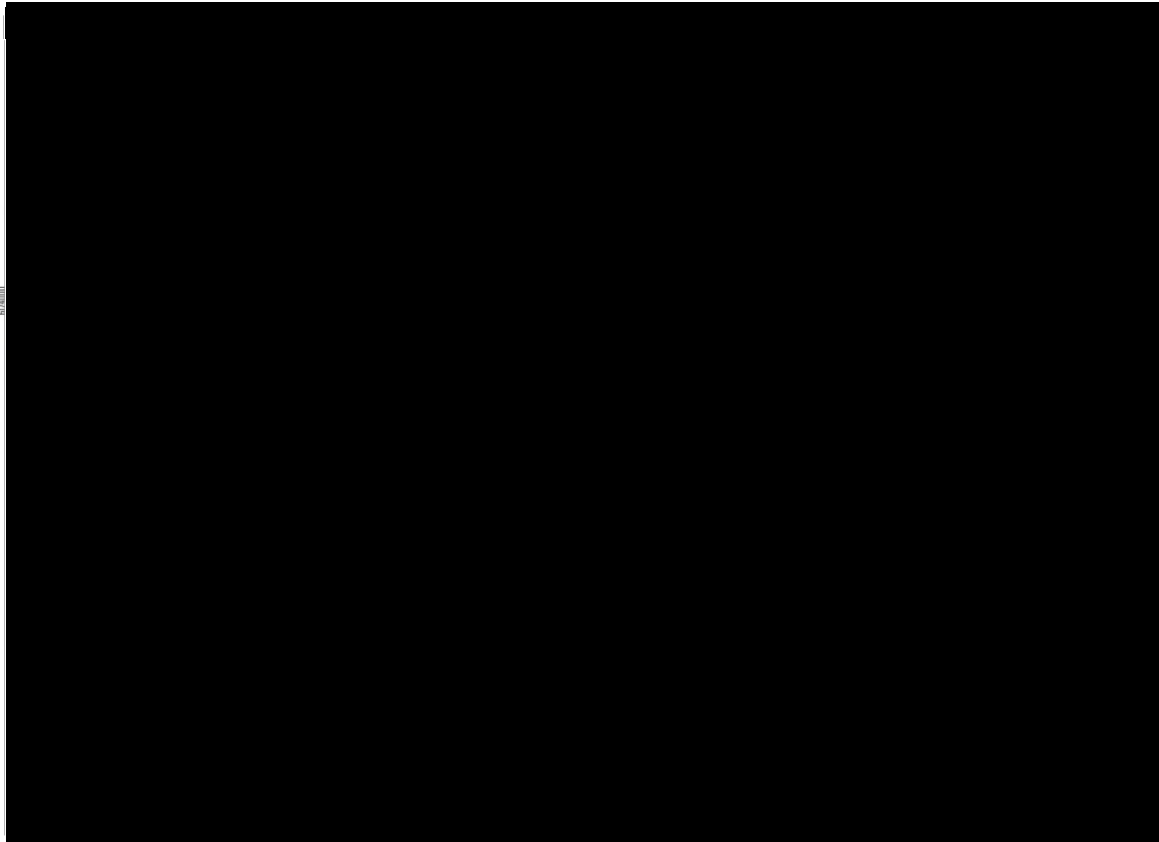


Figure 5-5 Surveyed areas, Lake Benanee

Table 5-5 Benanee Road (see Figures 5-6 to 5-20)

<p>Landform and archaeological sensitivity</p>	<p>Flat unsealed road surface and wayside. The road has also been cut across several approximately east-west oriented sand dunes which continue as long ridges east and west of the road.</p> <p>Visibility: 100% along entire track but 0-80% visibility (typically ~20%) along wayside. Exposure: 100% along entire track wayside owing to grading activities.</p>	
<p>Disturbance</p>	<p>Road surface had been graded removing natural topsoil layers and vegetation and entire dune sections. Grading is extensive and covers a width of more than five metres (side-to-side).</p>	
<p>Aboriginal sites/objects located – description</p>	<p>Yes</p>	<p>Four sites were located and recorded:</p> <p>PEC-E-106 – Human Burial Site and PAD: disturbed [REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED] On the surface were a human mandible, likely representing a disturbed burial, and several weathered/mineralised animal (kangaroo) bones likely deriving from an archaeological</p>



		<p>deposit associated with the burial (see Appendix 1).</p> <p>PEC-E-107 – Hearth Locality 1 and PAD: largely undisturbed hearth complex within a small sand dune located with an undisturbed area adjacent to an existing track beside (south) of the existing eastern access point (gate) to the powerline easement (see Figures 5-6, 5-7, 5-12 and 5-13). It contains extensive sub-surface charcoal and ash deposits exposed through surface erosion and burrowing insects. It is likely that this site extends north to include the proposed transmission line easement access road; but this could not be assessed due to vegetation cover and low visibility. Weathered/mineralised kangaroo bones of archaeological origin were also recorded on the southern part of this site.</p> <p>PEC-E-108 – Hearth Locality 2 and PAD: largely undisturbed second hearth complex (Hearth Locality 2) within a small sand dune located with an undisturbed area of road wayside beside Benanee Road (Figures 5-6, 5-8, 5-14 and 5-15). It contains several sub-surface charcoal and ash deposits exposed through surface erosion and burrowing insects. Weathered/mineralised kangaroo bones of archaeological origin were also recorded on the southern part of this site.</p> <p>PEC-E-109 – Isolated find, midden and PAD: an extensive section of sand dune >230 metres in length NNE adjacent to the eastern track (see Figure 5-6 and 5-9). The dune has been exposed by road construction which has been cut across this landscape feature. An Aboriginal artefact was recorded on the surface of the dune near its northern extent (see Figures 5-16, 5-17 and 5-18). The dune also comprises an extensive PAD with large numbers of freshwater mussel shell fragments exposed along its entire length (Figures 5-19 and 5-20). The road surface adjacent to the dune also contains a large number of shell fragments indicating it is an ancient lake floor and forms part of this PAD.</p>
<p>PAD identified/archaeological potential (high or moderate)</p>	<p>Yes</p>	<p>Two of the four sites have been disturbed by previous road building activity, however, all of them are considered to have moderate-high archaeological potential. They are all contained within an extensive sand dune located adjacent to a palaeolake (pan) and contain Aboriginal objects.</p> <p>It is noteworthy that the same taxa of freshwater mussels as recorded at PEC-E-109 have been recovered also at the nearby</p>



		Willandra Lakes World Heritage Area where evidence for human use of them dates back 50,000 years. ³ This makes them of high potential scientific interest.
Area of cultural significance identified	Yes	All identified site locations are of cultural significance, the most significant being PEC-E-106 which contains a disturbed burial. Burials are of high cultural significance to Aboriginal people and discussions with the Balranald LALC indicate this particular burial is regarded to be especially significant.

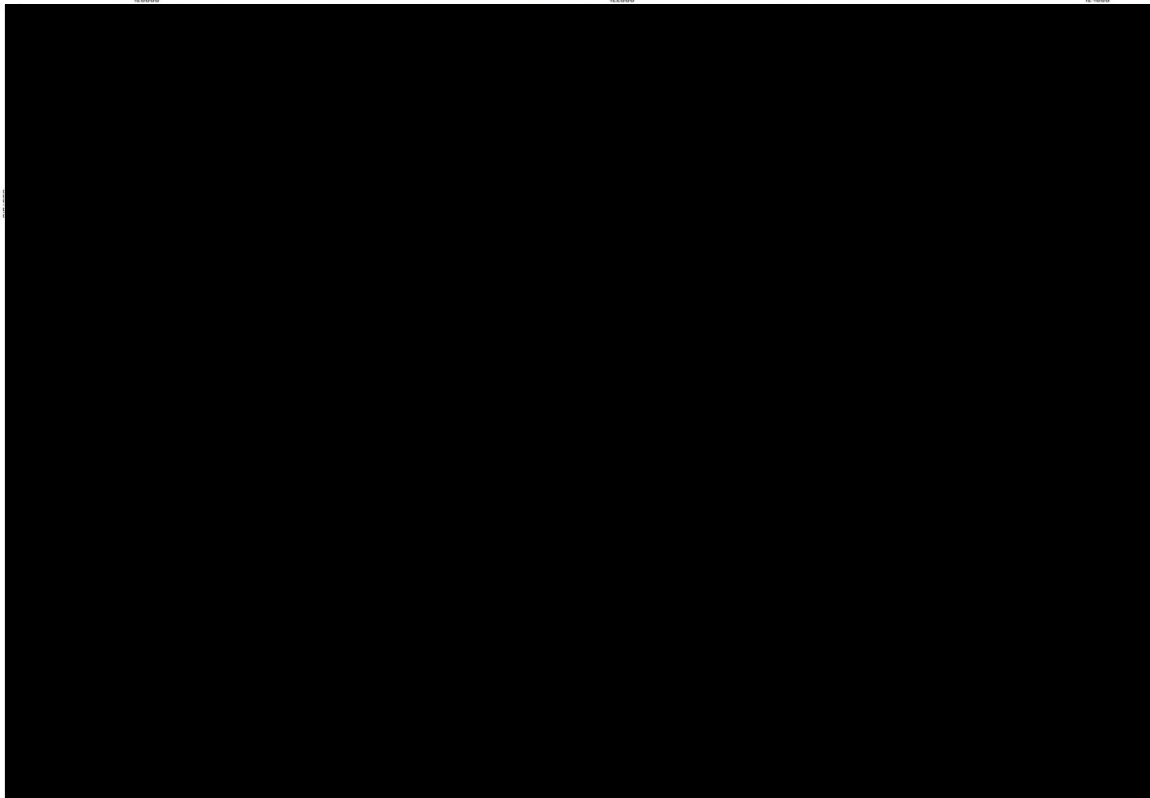


Figure 5-6 Map indicating the location of four recorded sites along Benanee Road

³ Weston, E, Szabo, KA and Stern N. 2017. Pleistocene shell tools from Lake Mungo lunette, Australia: identification and interpretation drawing on experimental archaeology. Faculty of Science, Medicine and Health - Papers: part A. 3583.



022000

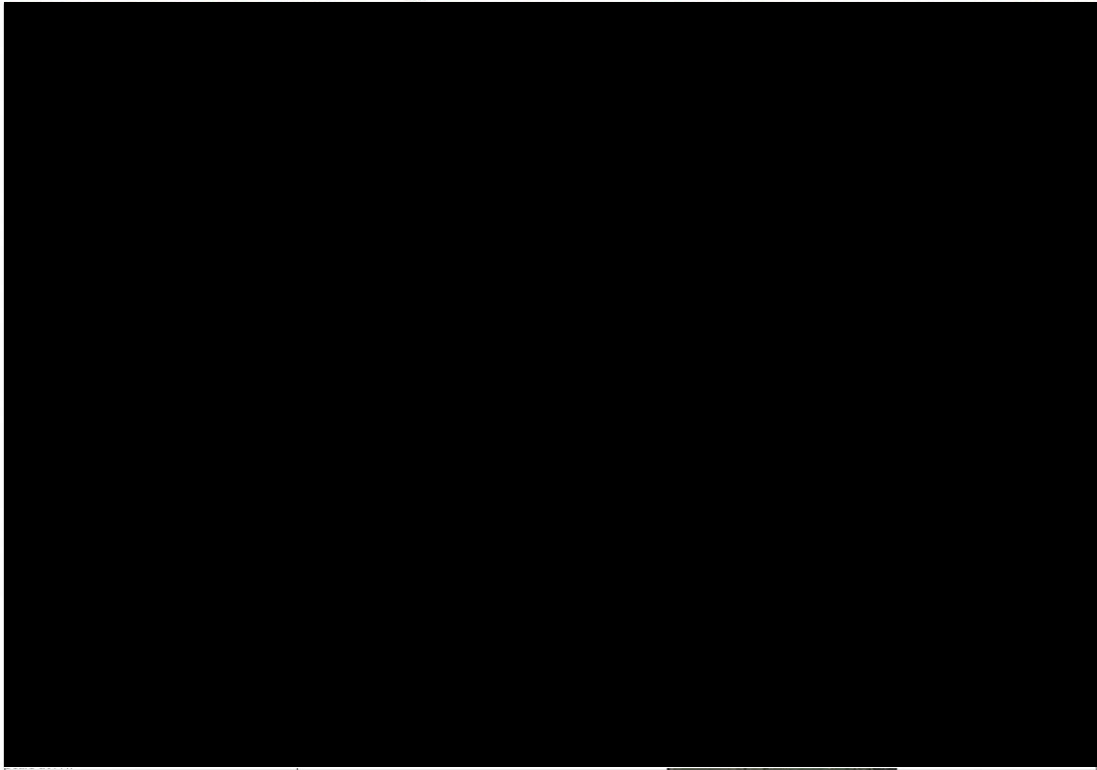


Figure 5-7 Location of PEC-E-106 and PEC-E-107

022000

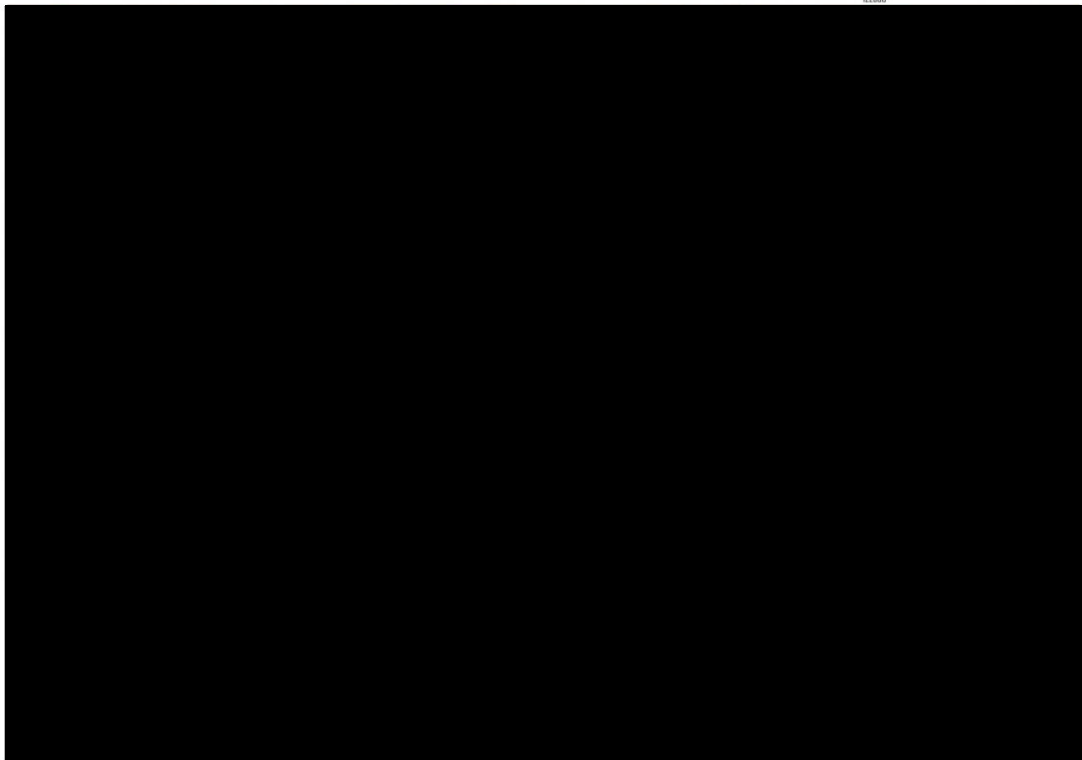


Figure 5-8 Location of PEC-E-108



Figure 5-9 Location of PEC-E-109

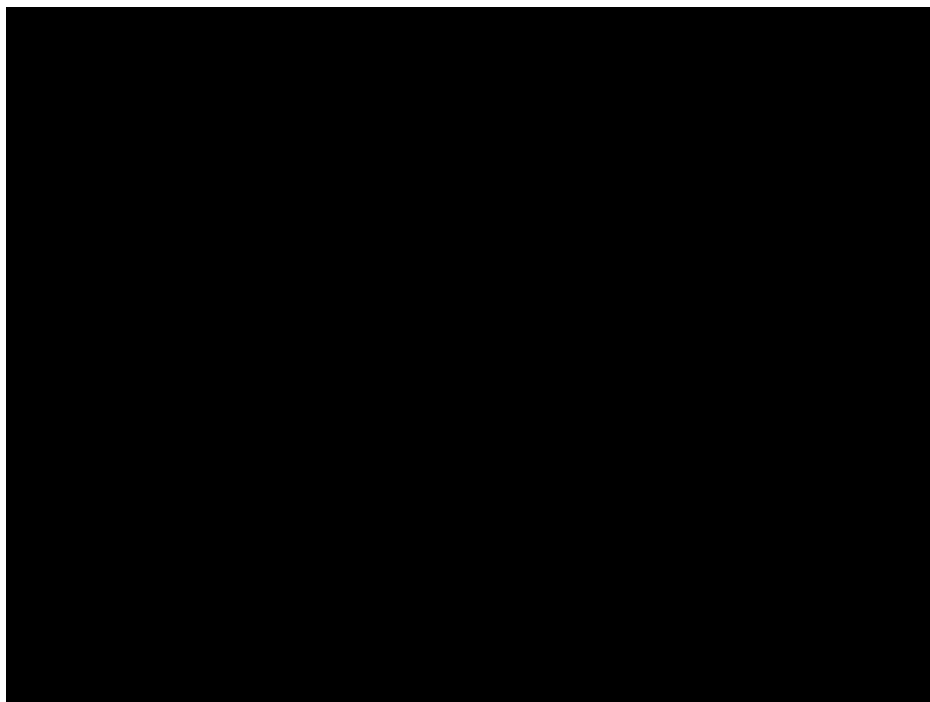


Figure 5-10 Disturbed sand dune containing PEC-E-106 the human burial and archaeological deposits (view west)

(Source: NOHC, March 2023)

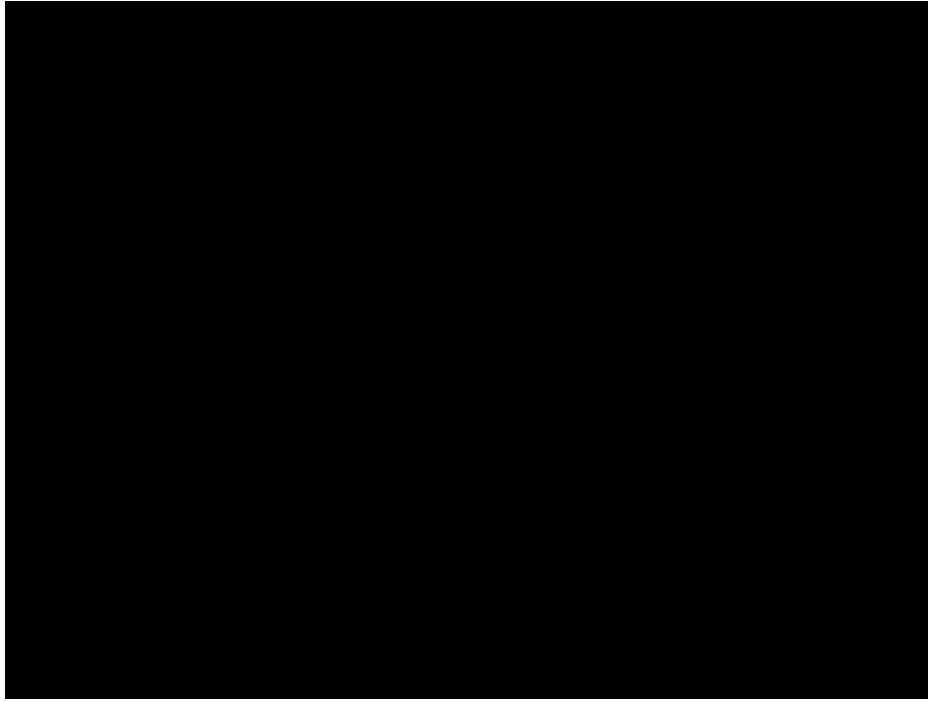


Figure 5-11 Disturbed dune with PEC-E-106 burial and archaeological deposits (view south)

(Source: NOHC, March 2023)

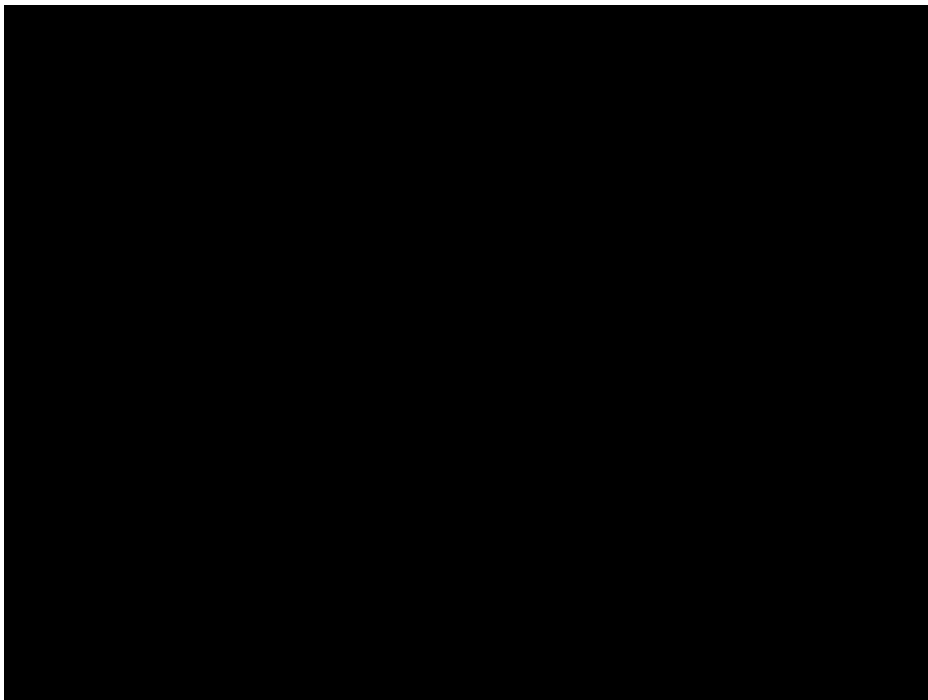


Figure 5-12 Hearth PEC-E-107 (view west)

(Source: NOHC, March 2023)

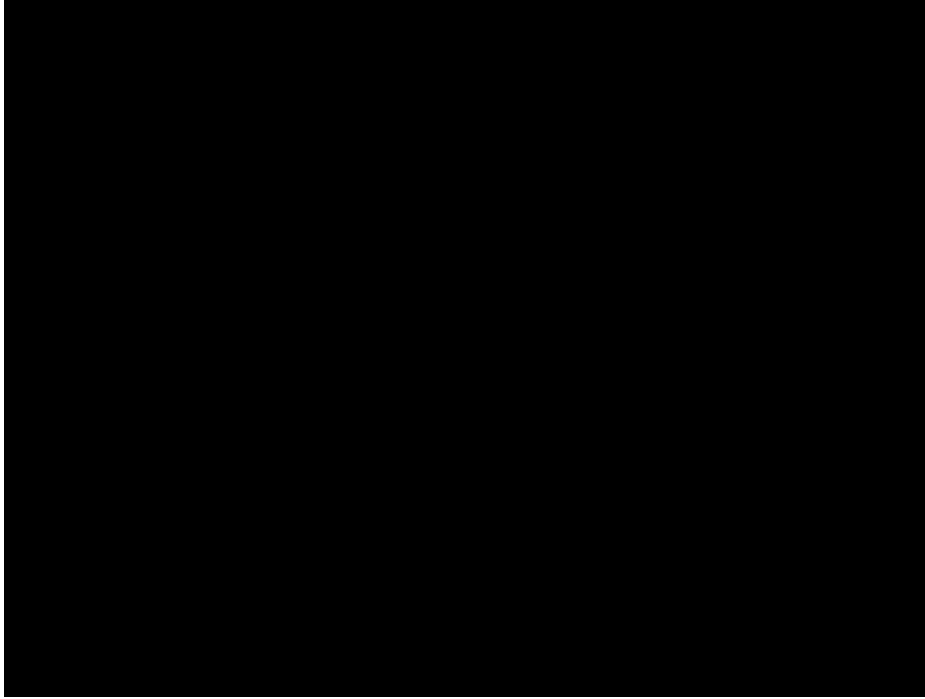


Figure 5-13 Hearth PEC-E-107 is located immediately south of the access track to the powerline easement

(Source: NOHC, March 2023)

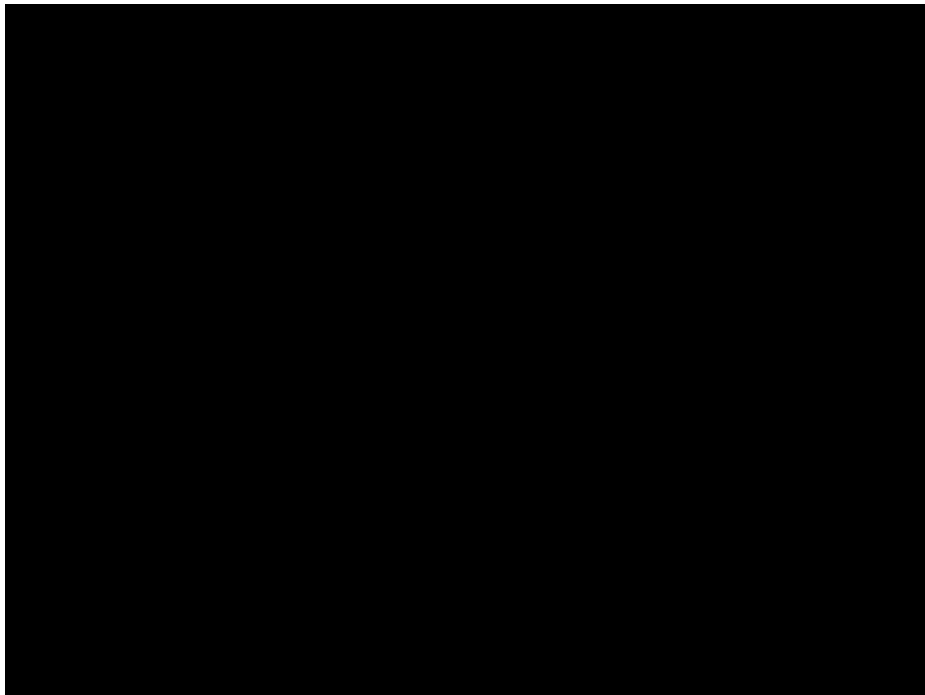


Figure 5-14 Hearth PEC-E-108 (view southeast)

(Source: NOHC, March 2023)

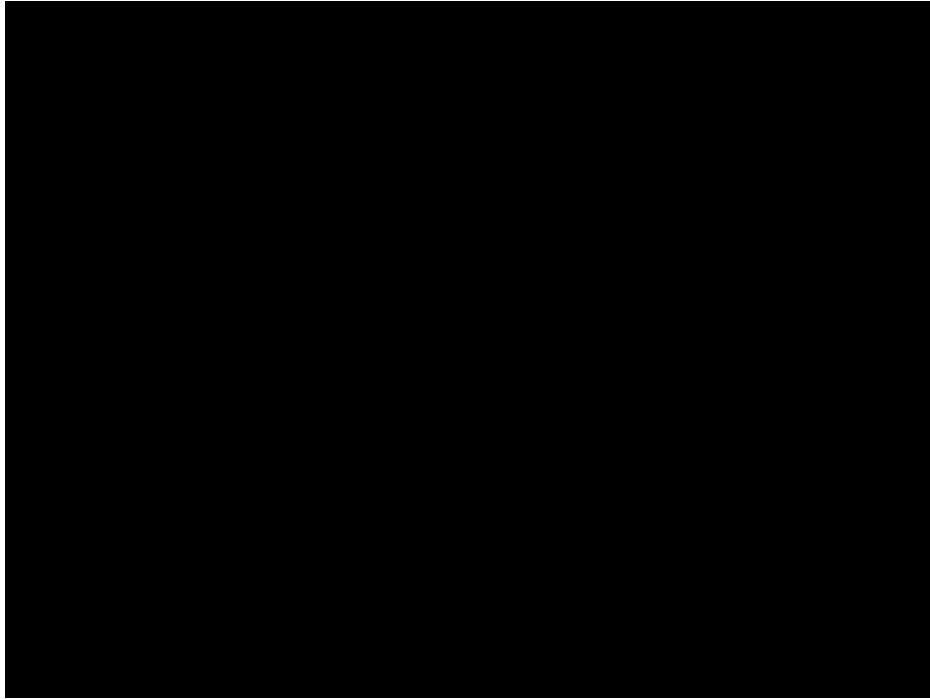


Figure 5-15 Location of Hearth PEC-E-108 relative to Benanee Road (view northeast)

(Source: NOHC, March 2023)

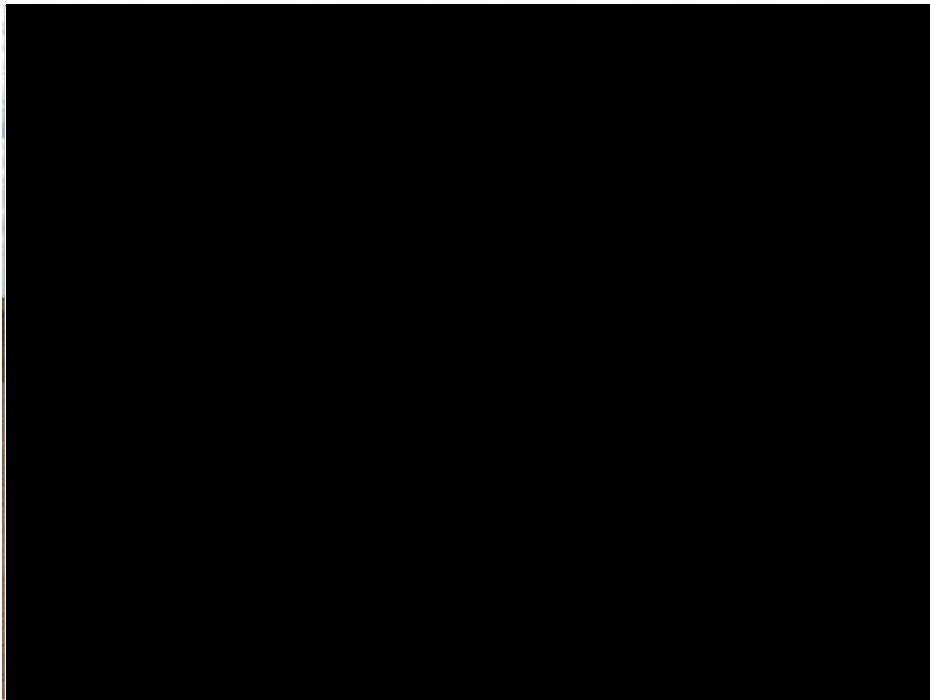


Figure 5-16 Dune on east side of road with Isolated find, midden and PAD PEC-E-109 containing extensive freshwater mussel shells (arrow marks furthest extent, 230m north)

(Source: NOHC, March 2023)

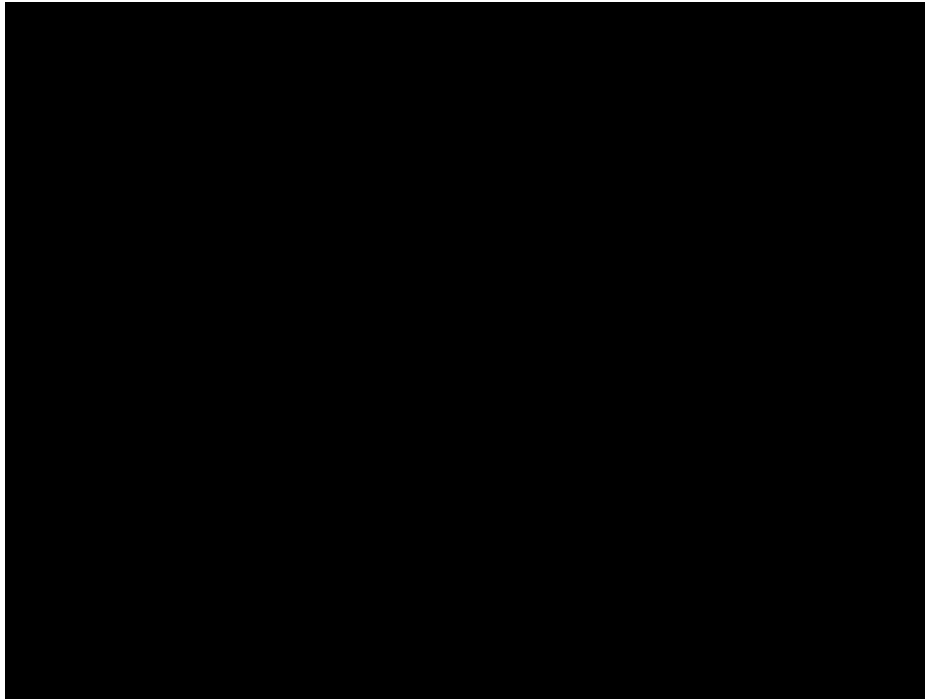


Figure 5-17 Location where an Aboriginal artefact was found PEC-E-109

(Source: NOHC, March 2023)

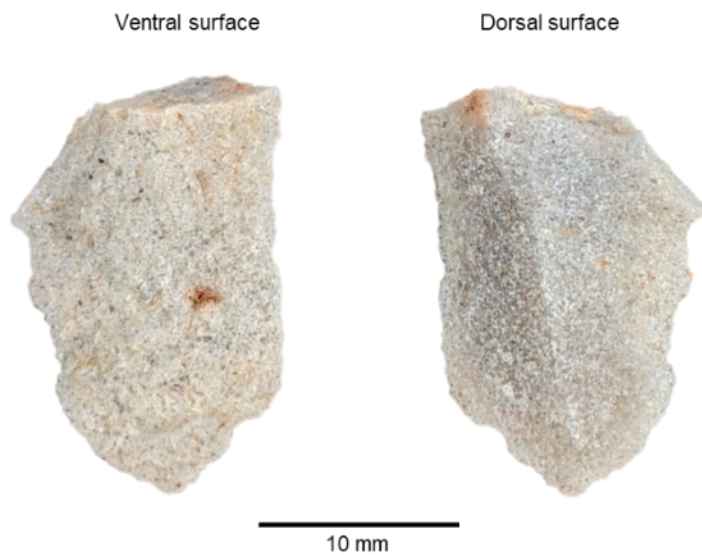


Figure 5-18 Stone artefact flake made from quartzite

(Source: NOHC, March 2023)



Figure 5-19 Freshwater mussel shell on the exposed dune wall close to where the artefact was recorded PEC-E-109

(Source: Ranging pole scale = 200 mm; NOHC, March 2023)



Figure 5-20 Examples of freshwater mussel shell fragments within the calcified lake floor deposits forming the graded surface of Benanee Road PEC-E-109

(Ranging pole scale = 200 mm; Source: NOHC, March 2023)



5.2.3 Boorooban

Figure 5-21 indicates the areas surveyed. Table 5-6 provides the field survey results for the Holding H070 site survey.

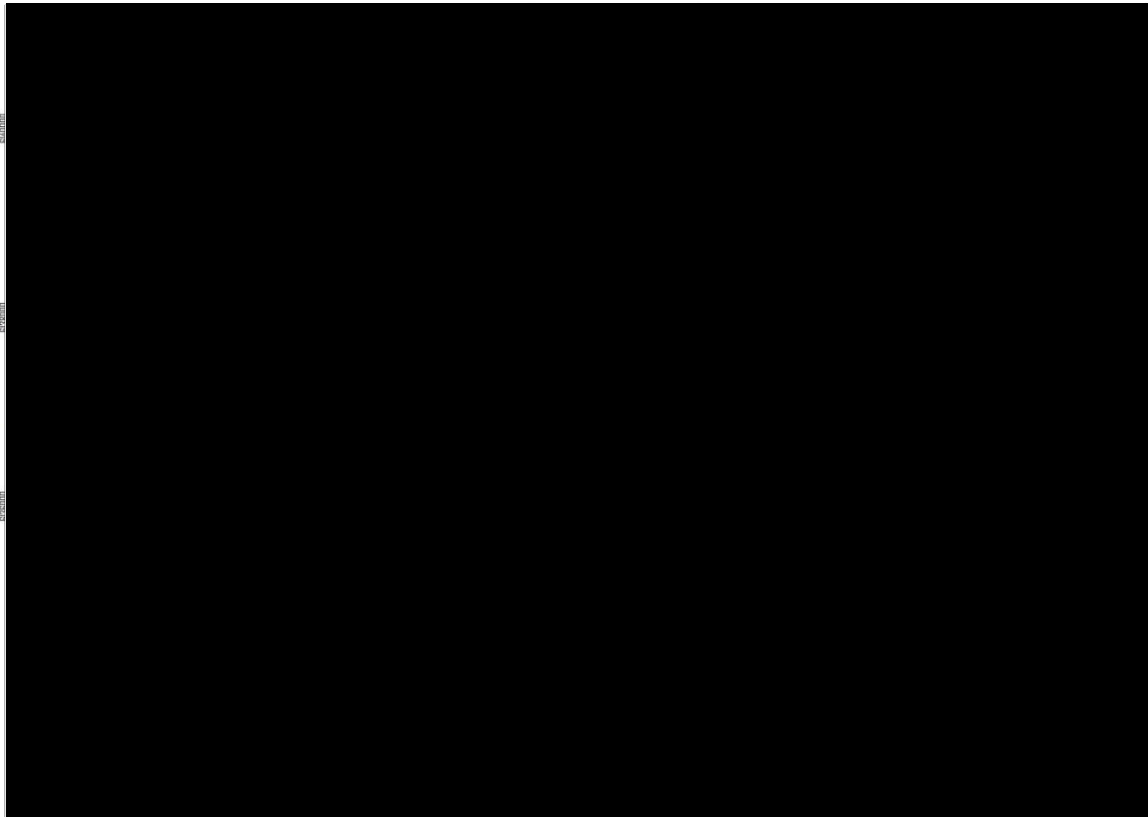


Figure 5-21 Areas surveyed H070 and H071

Table 5-6 Holding H070 (see Figure 5-22)

Landform and archaeological sensitivity	Flat unsealed road surface and wayside. Visibility: 100% along track but 0-100% along wayside (typically ~50%). Exposure: 100% along (graded) track surface and wayside. Agricultural field. Visibility 0-50% (typically ~10%) and exposure 0%.	
Disturbance	Road surface had been graded in the past removing natural topsoil layers and vegetation. Wayside largely small sediment heaps from grading activities recolonized with native vegetation. Agricultural field appears not to have been ploughed recently (if at all).	
Aboriginal sites/objects located – description	None	
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	



Figure 5-22 Surveyed track and wayside on Holding H070

(Source: NOHC, March 2023)

Table 5-7 provides the field survey results for the Holding H071 site survey. Figure 5-21 indicates the areas surveyed.

Table 5-7 Holding H071 (see Figure 5-23)

Landform and archaeological sensitivity	Ungraded and vegetated road. Visibility: 0-60% along track (typically ~10%). Exposure: 0%.	
Disturbance	Road surface had been graded in the past removing natural topsoil layers and vegetation. Wayside largely small sediment heaps from grading activities recolonized with native vegetation. Agricultural field appears not to have been ploughed recently (if at all).	
Aboriginal sites/objects located – description	None	
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	



Figure 5-23 Heavily vegetated powerline easement on Holding H071 (view southwest)

(Source: NOHC, March 2023)

Table 5-8 provides the field survey results for the Holding H075 site survey. Figure 5-24 indicates the areas surveyed.

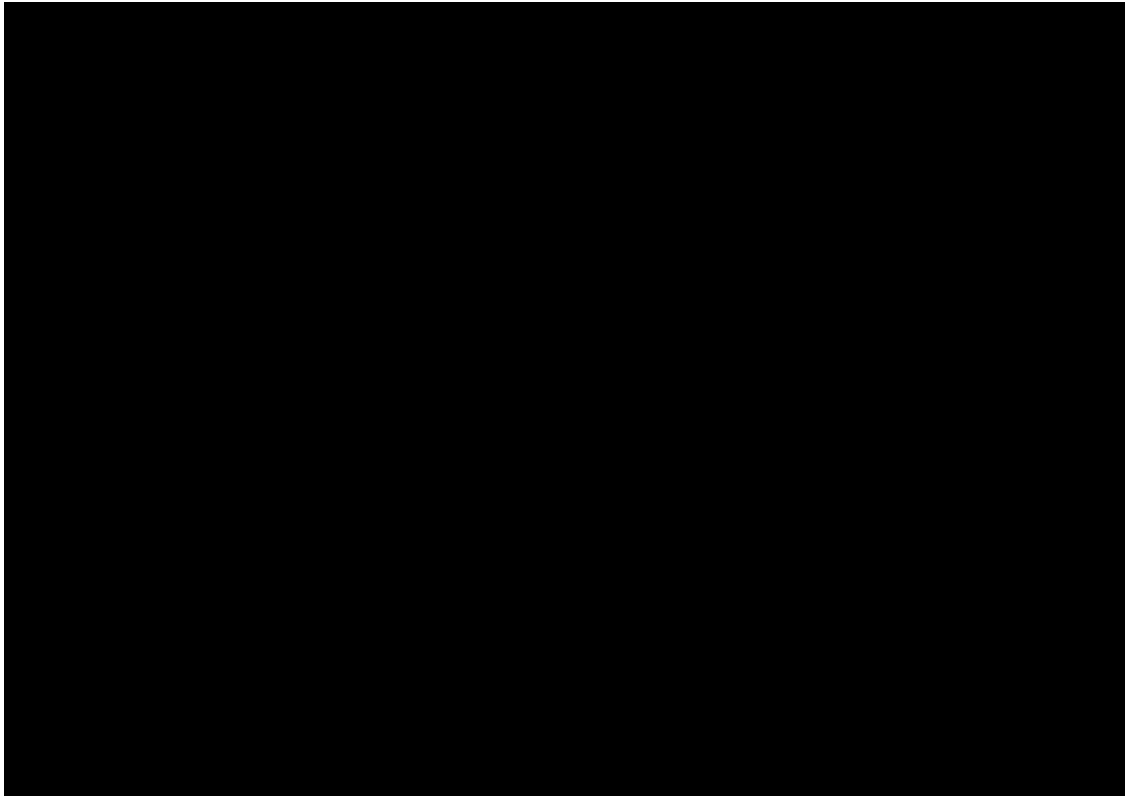


Figure 5-24 Areas surveyed, H075



Table 5-8 Holding H075

Landform and archaeological sensitivity	Flat unsealed road surface and wayside. Visibility: 100% along track but 0-100% along wayside (typically ~30%). Exposure: 100% along (graded) track surface and wayside. Easement: visibility typically less than 20% with exposure close to 100%.	
Disturbance	Road surface had been graded in the past removing natural topsoil layers and vegetation. Wayside largely vegetated with grass but with patches of sandy (scald) surface exposed. Powerline easement is located on agricultural land which has been ploughed in the past and is currently highly vegetated with native grasses.	
Aboriginal sites/objects located – description	Yes	PEC-E-113: Two artefacts (silcrete flake fragments) were identified on the surface of an exposed sediment area on road wayside to the south of the unsealed road, (see Figure 5-25 and 5-26).
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	

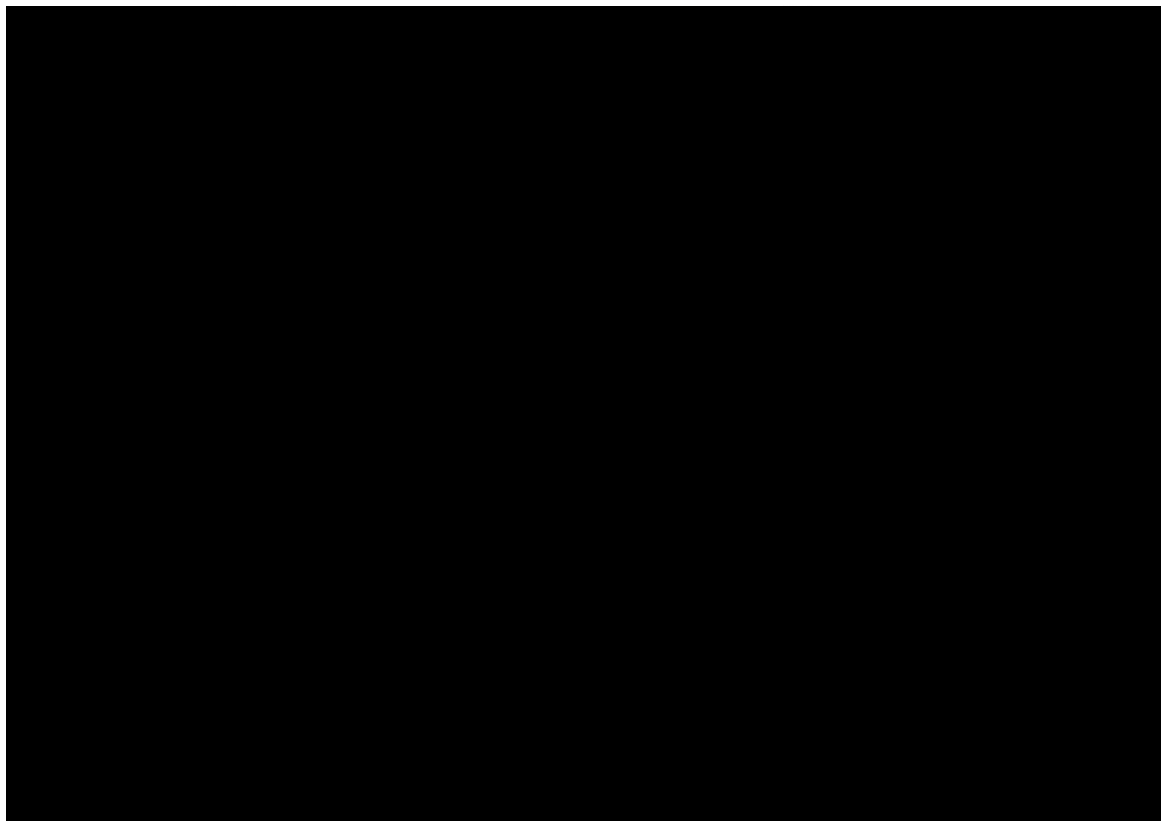


Figure 5-25 Map indicating the location PEC-E-113

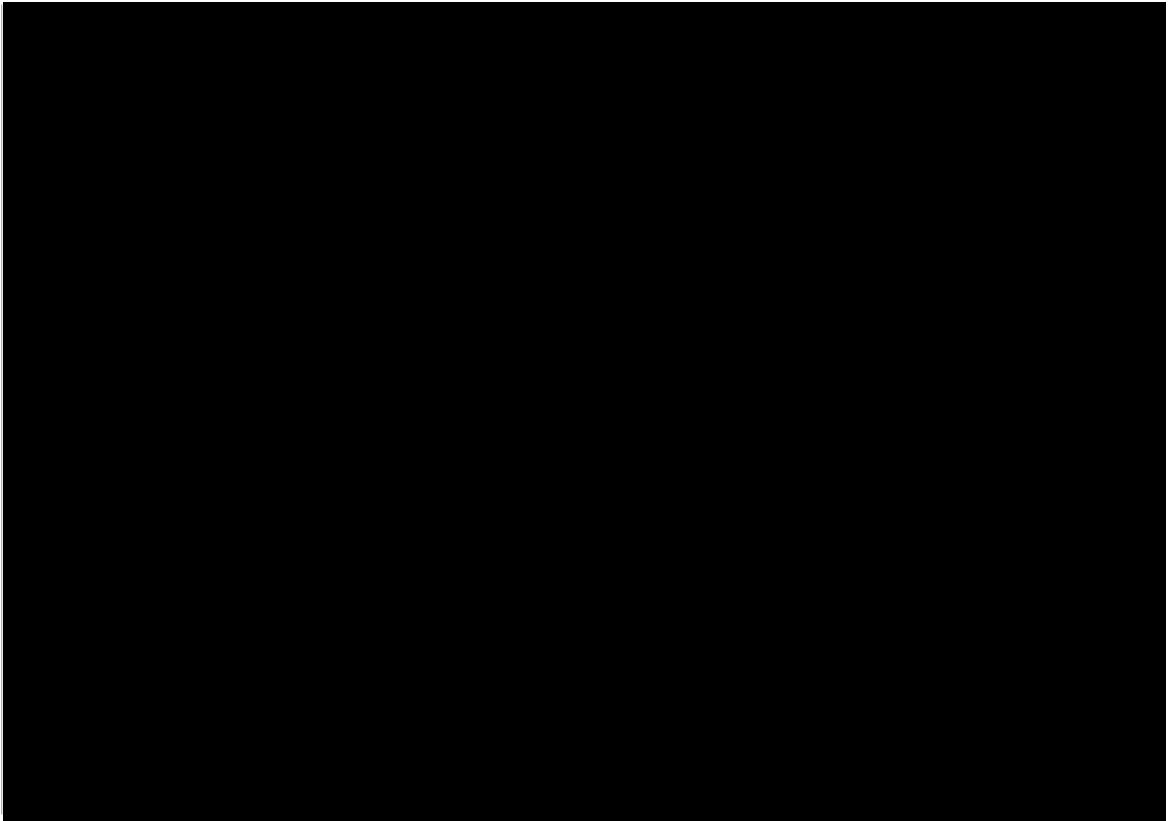


Figure 5-26 PEC-E-113

Figure 5-27 indicates the area surveyed. Table 5-9 provides the field survey results for the Holding H076 site survey.

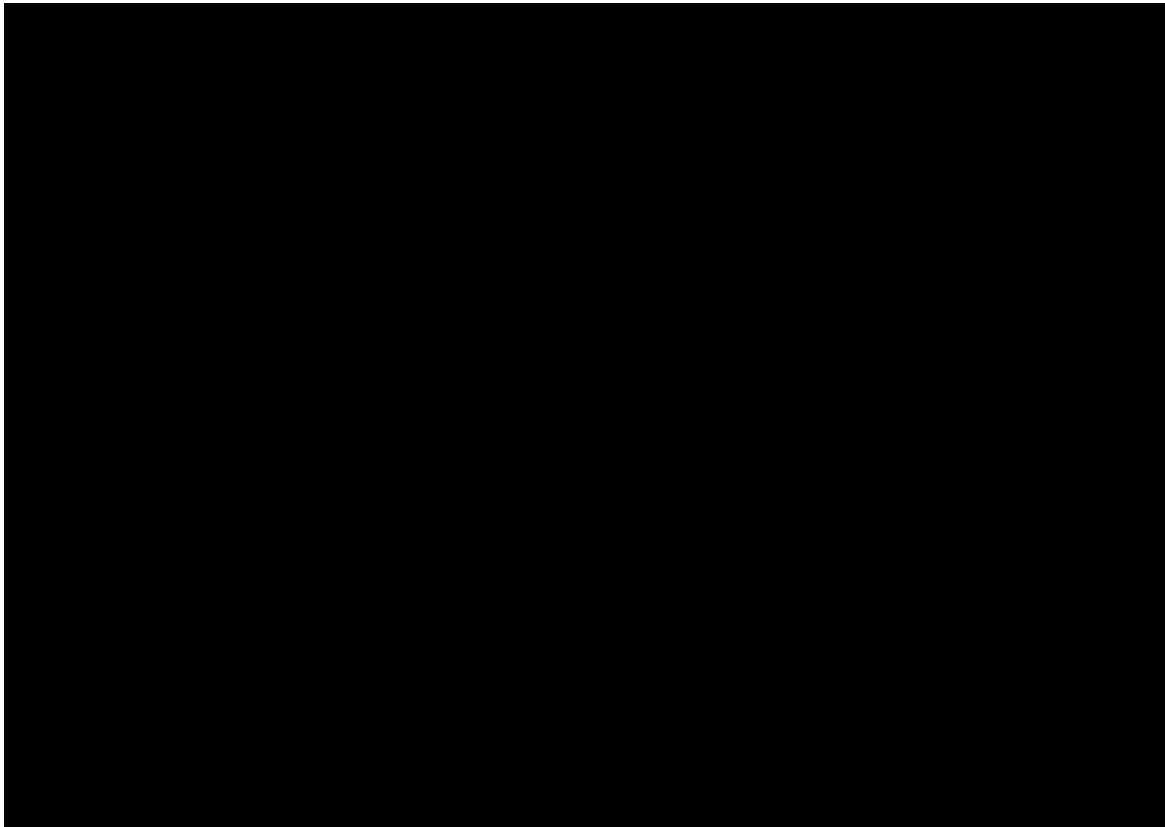


Figure 5-27 Areas surveyed, H076

Table 5-9 Holding H076



Landform and archaeological sensitivity	Flat unsealed road surface and wayside. Visibility: 100% along track but 0-100% along wayside (typically ~30%). Exposure: 100% along (graded) track surface and wayside. Proposed access track: visibility typically less than 20% with exposure close to 100%.	
Disturbance	Road surface had been graded in the past removing natural topsoil layers and vegetation. Wayside largely vegetated with grass but with patches of sandy surface exposed. Proposed access track is located on agricultural land which has been ploughed in the past and is currently highly vegetated with native grasses.	
Aboriginal sites/objects located – description	None	
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	

Figure 5-28 indicates the area surveyed. Table 5-10 provides the field survey results for the Holding H082 site survey.

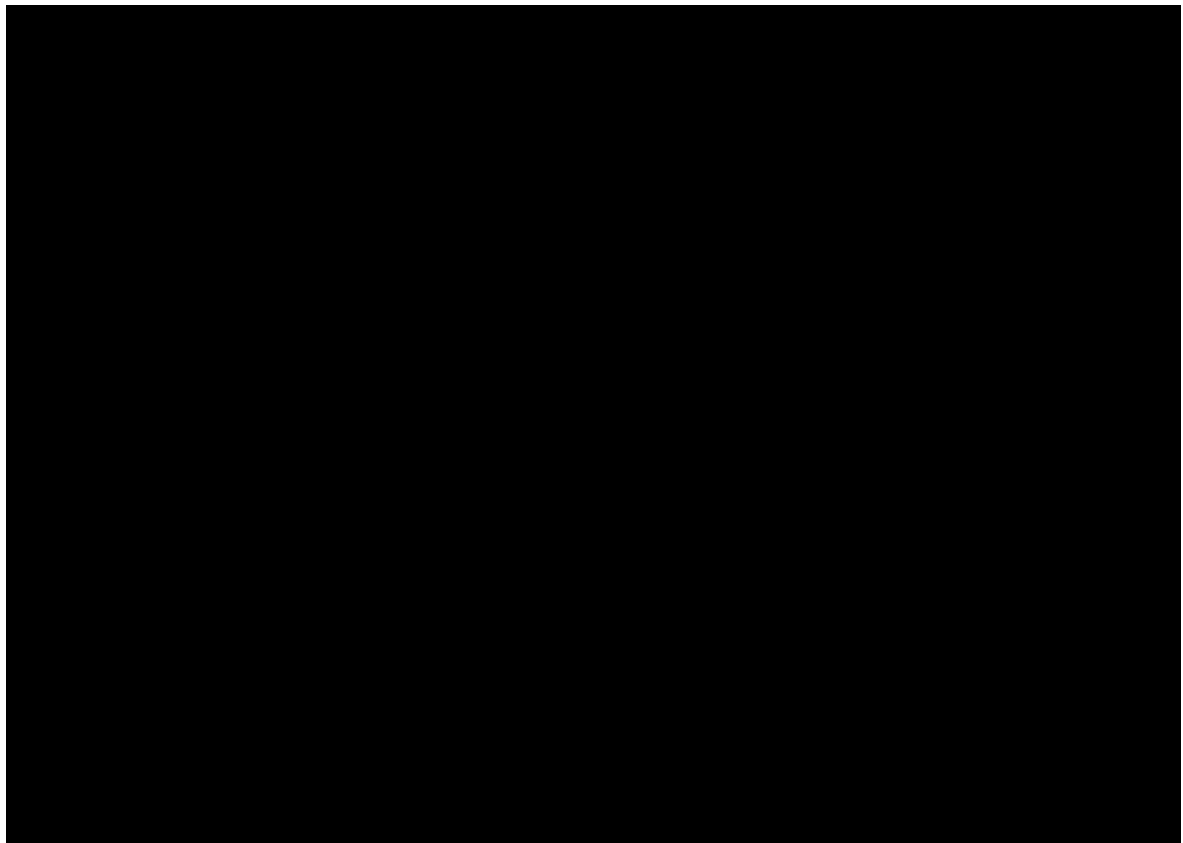


Figure 5-28 Map indicating the location of surveyed areas at H082



Table 5-10 Holding H082

Landform and archaeological sensitivity	Flat ploughed agricultural field heavily vegetated with native grasses and containing the powerline easement. Visibility 0-100% (typically ~20%) and 100% exposure.	
Disturbance	Located on agricultural land which has been ploughed in the past.	
Aboriginal sites/objects located – description	None	
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	



		<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>
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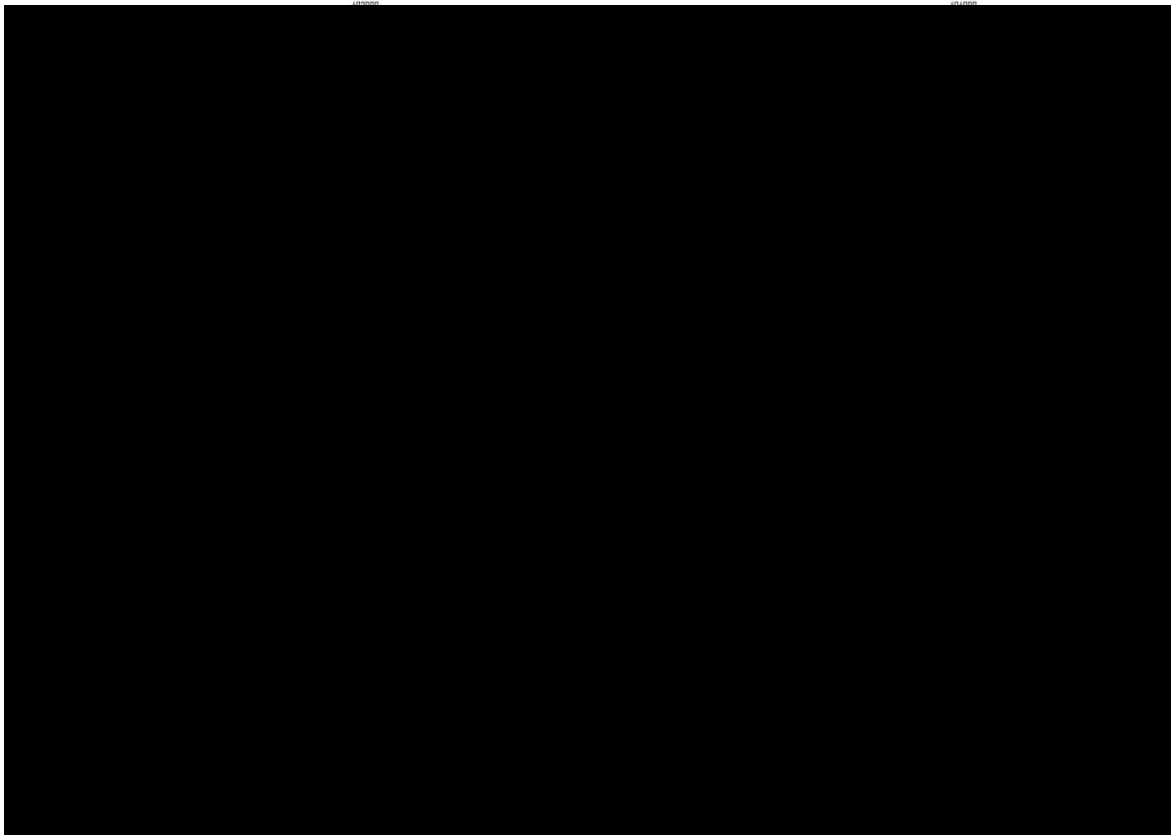


Figure 5-30 Map indicating the survey locations and location of recorded sites in H094

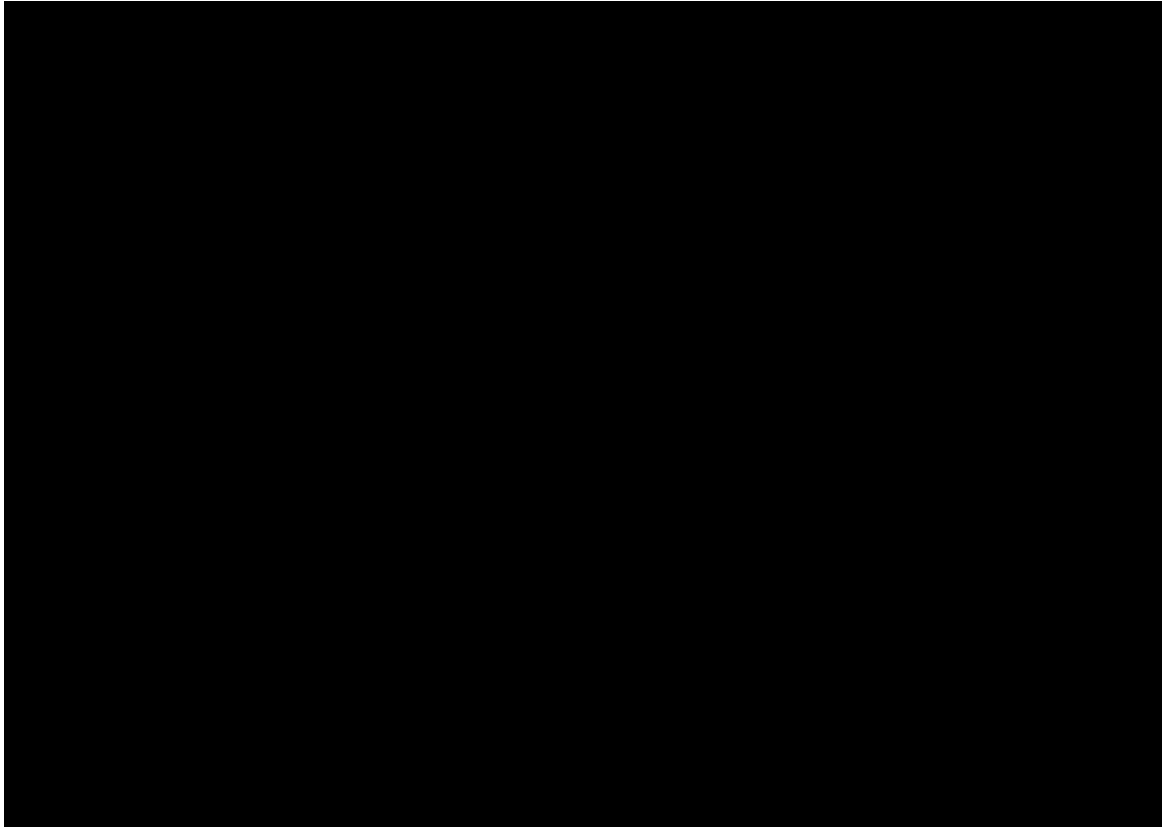


Figure 5-31 Location of PEC-E-110 and PEC-E-111

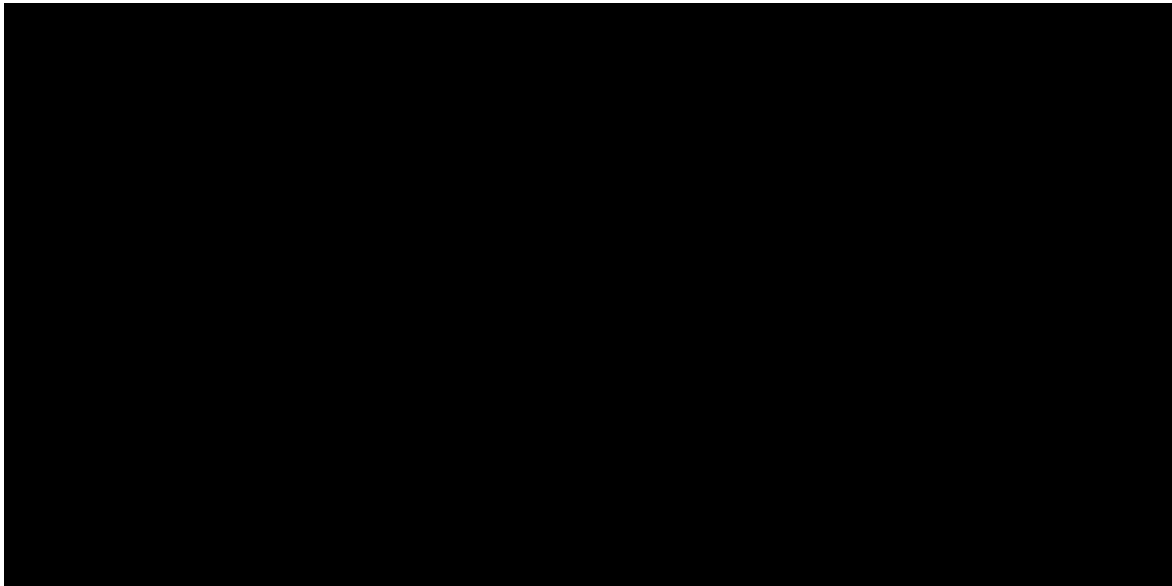


Figure 5-32 H094 (PEC-E-110): exposed small sand mound (left) containing stone artefacts (top right) and burnt clay and stone accompanying a hearth (bottom right)

(Ranging pole scale = 200 mm; Source: NOHC, May 2023)



**Figure 5-33 H094 (PEC-E-111): large artefact scatter beside Yanco Creek – looking east
(above) and west (below)**
(Ranging pole scale = 200 mm; Source: NOHC, May 2023)

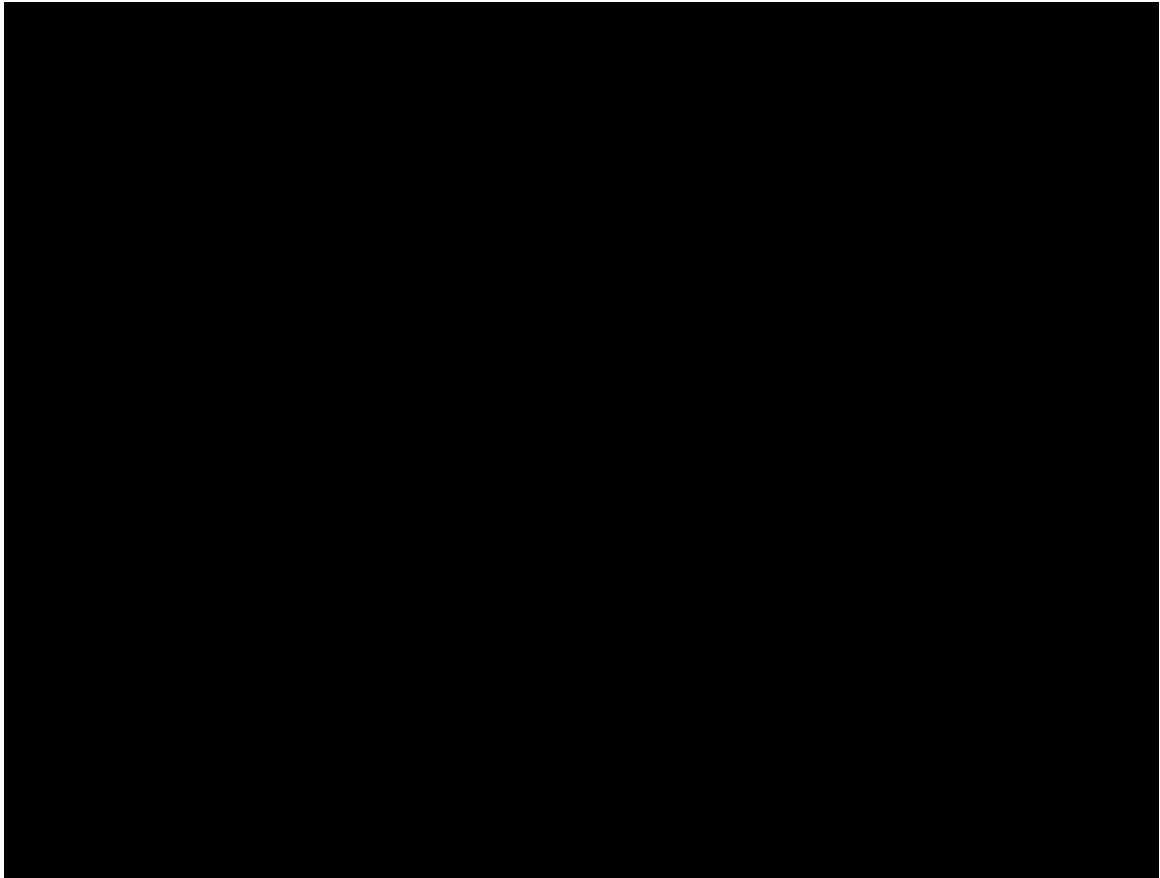


Figure 5-34 Examples of in situ artefacts on the surface adjacent to Yanco Creek on H094 (PEC-E-111)
(Ranging pole scale = 200 mm; Source: NOHC, March 2023)



Figure 5-35 indicates the area surveyed. Table 5-12 provides the field survey results for the Holding H101 site survey.

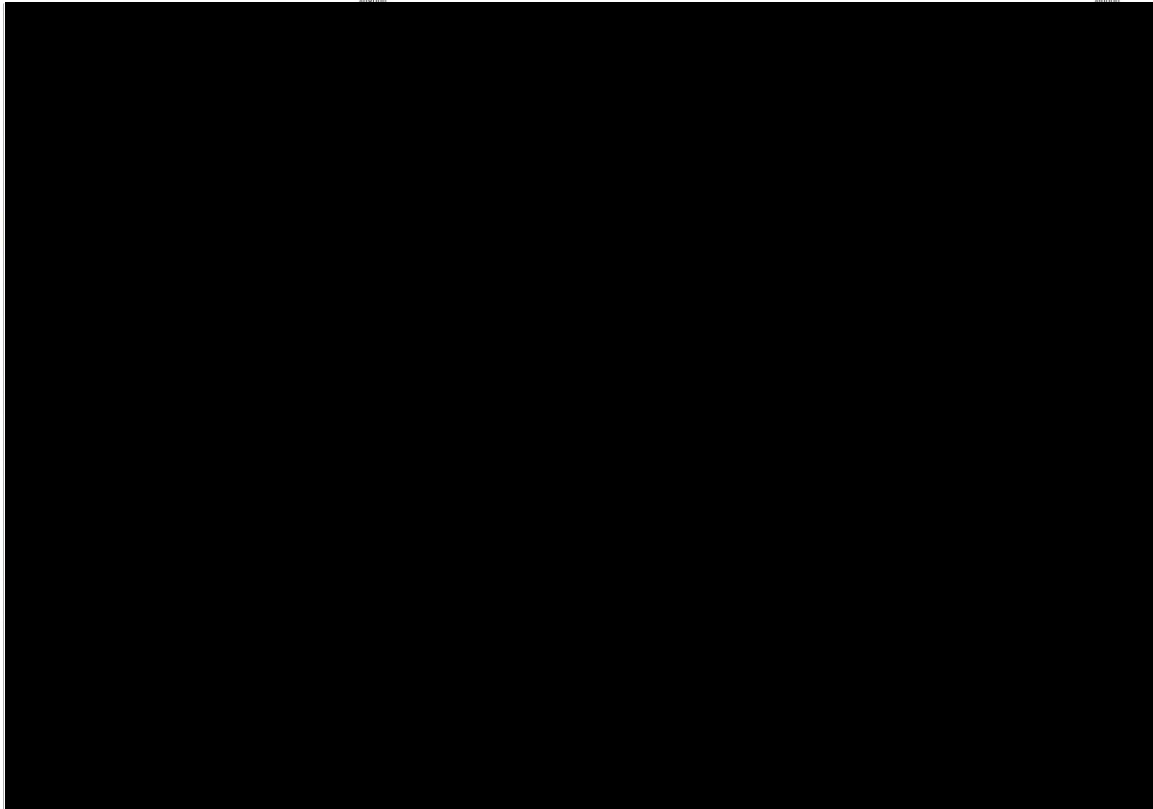


Figure 5-35 Area surveyed, H101

Table 5-12 Holding H101

Landform and archaeological sensitivity	Flat ploughed agricultural land beside a disused railway track. Visibility: 0-20% (typically<5%) in the agricultural field and 0-100% on the railway track embankment (typically <10%). Exposure: 100% in field and along the railway embankment.	
Disturbance	Landscape has been subject to extensive disturbance through the clearance of native vegetation, ploughing of the soil and the construction of a railway track on an artificial embankment above the landscape.	
Aboriginal sites/objects located – description	Yes	<div style="background-color: black; width: 100%; height: 10px; margin-bottom: 2px;"></div> <div style="background-color: black; width: 100%; height: 10px; margin-bottom: 2px;"></div> <div style="background-color: black; width: 100%; height: 10px; margin-bottom: 2px;"></div> <div style="background-color: black; width: 100%; height: 10px; margin-bottom: 2px;"></div> <div style="background-color: black; width: 100%; height: 10px; margin-bottom: 2px;"></div> <div style="background-color: black; width: 100%; height: 10px; margin-bottom: 2px;"></div>
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	



Figure 5-36 Artefact PEC-E-112 found on the surface of the railway track embankment

(Source: NOHC, March 2023)

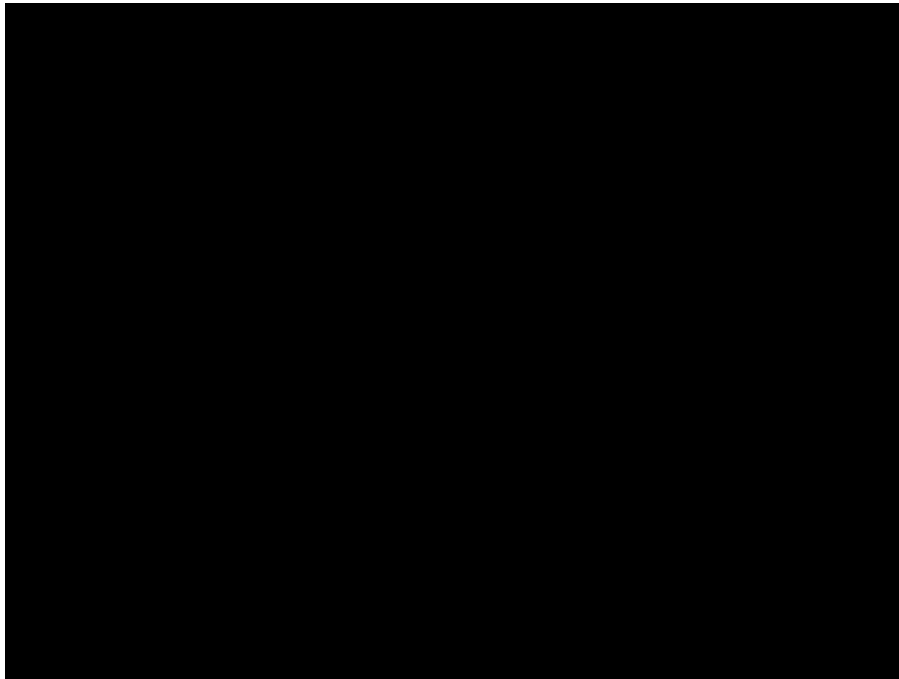


Figure 5-37 Embankment wall of the railway track indicating the provenience of the artefact PEC-E-112

(Source: NOHC, March 2023)

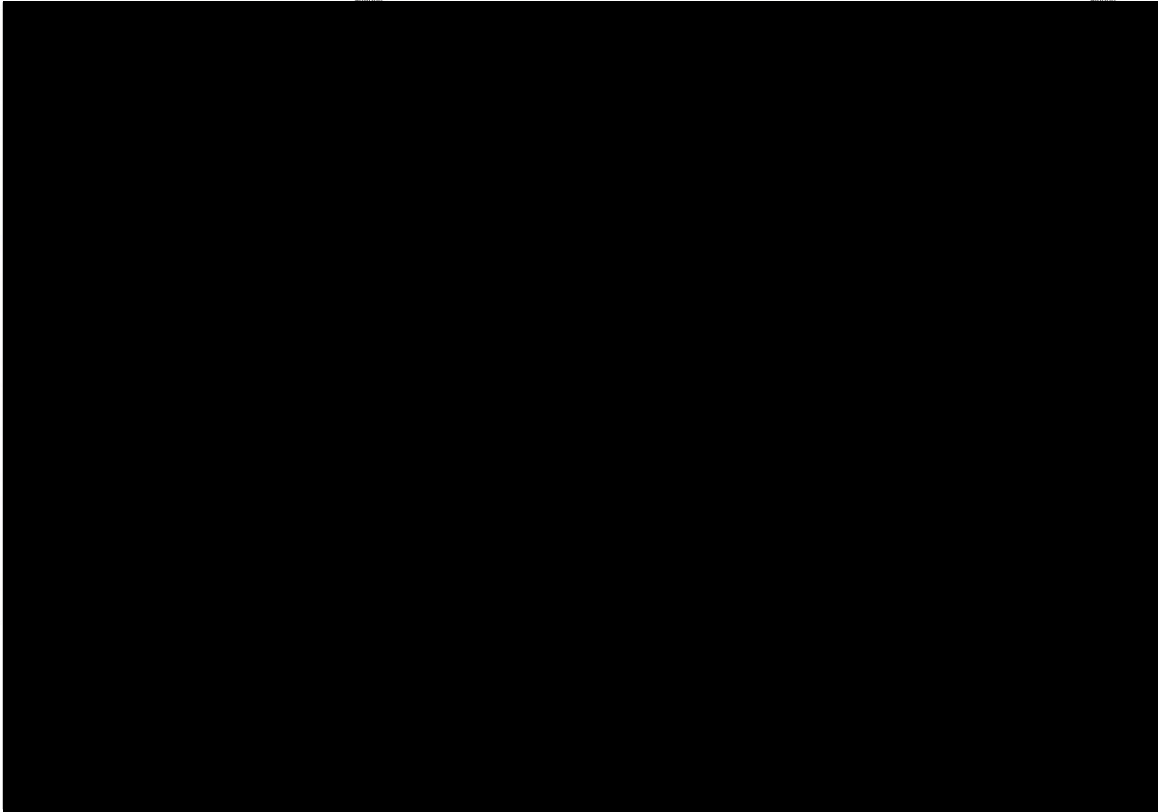


Figure 5-38 Location of PEC-E-112

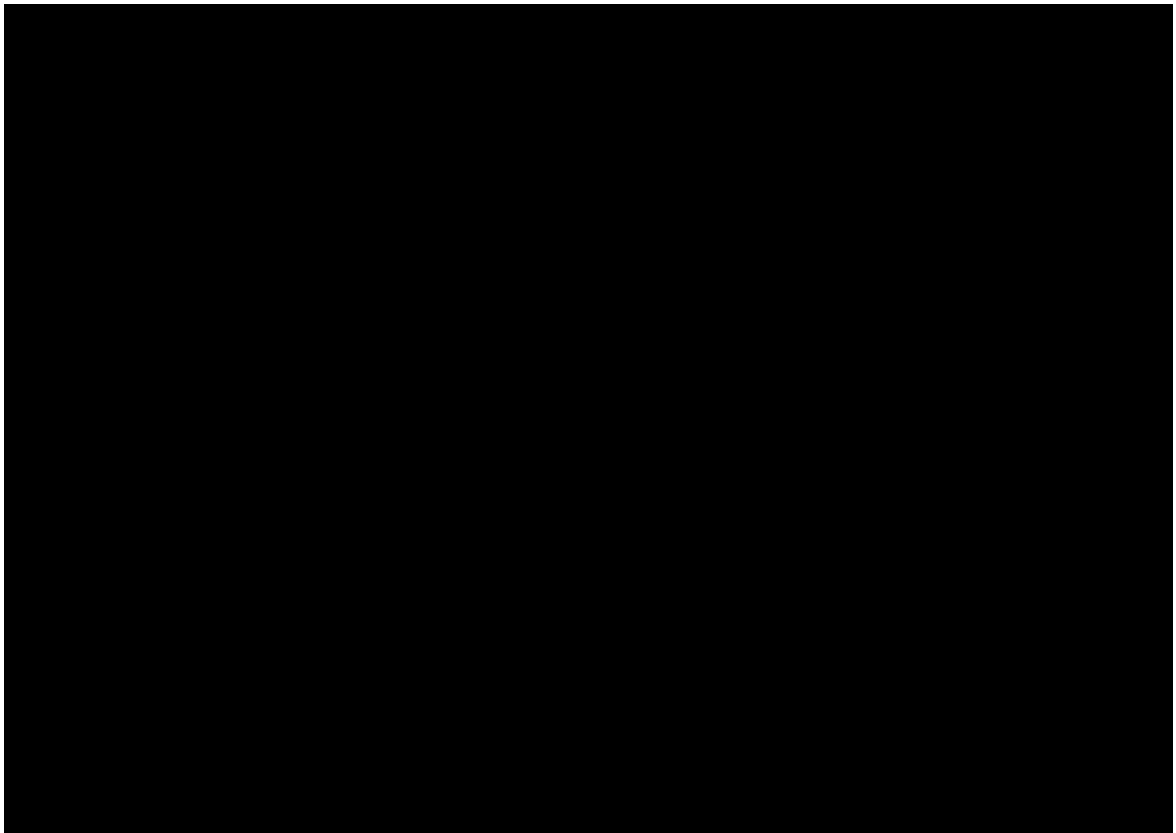


Figure 5-39 PEC-E-112

Figure 5-40 indicated the area surveyed. Table 5-13 provides the field survey results for the Thurrowa Road site survey.

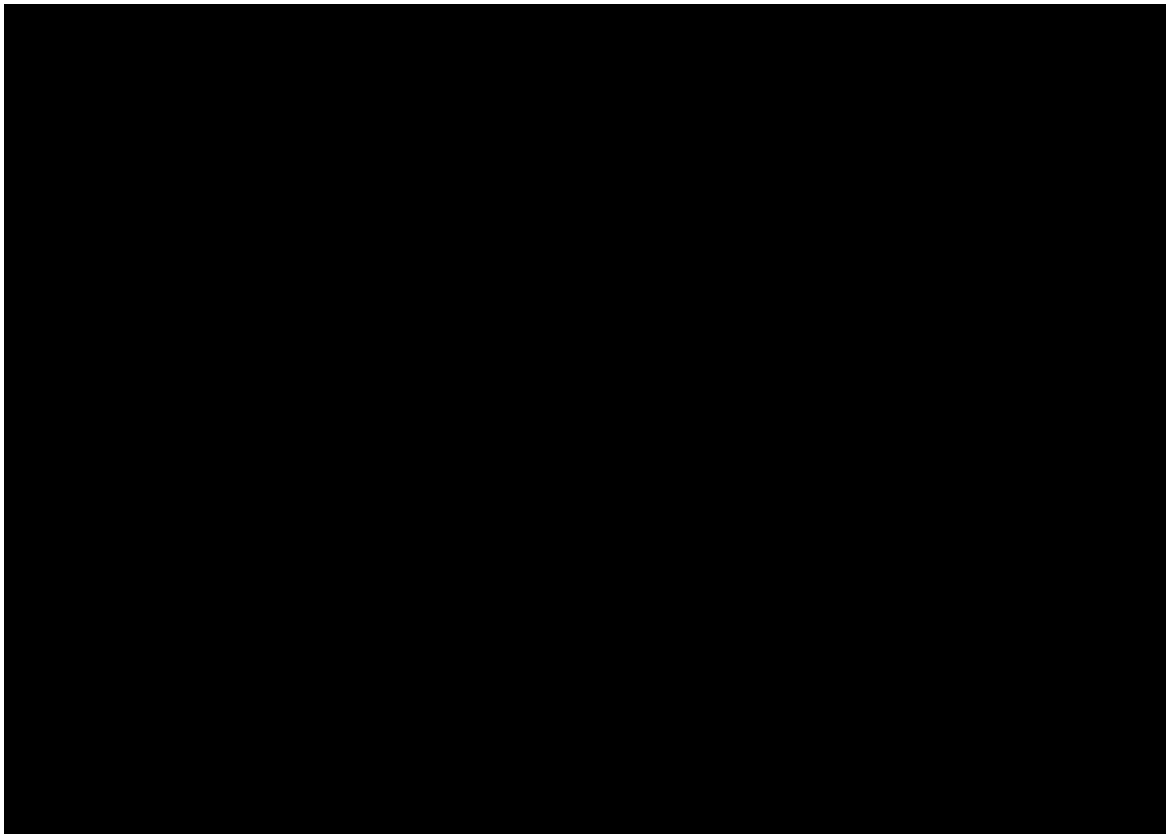


Figure 5-40 Areas surveyed Thurrowa Road

Table 5-13 Thurrowa Road (see Figure 5-41 and Figure 5-42)

Landform and archaeological sensitivity	<p>Flat unsealed road surface and wayside. Visibility: 100% along entire track but 0-100% along wayside (typically ~30%). Exposure: 100% along entire (graded) track surface and wayside.</p> <p>Large eucalypt trees adjacent to the road and wayside were assessed for possible cultural scarring.</p>	
Disturbance	<p>Road surface has been graded removing natural topsoil layers and vegetation and covered with quarried gravel. Wayside has been graded removing natural topsoil layers and vegetation but was subsequently recolonised by vegetation.</p>	
Aboriginal sites/objects located – description	None	
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	



Figure 5-41 Section of the road surveyed near the travelling stock route (view northeast)

(Source: NOHC, March 2023)



Figure 5-42 Section of the road surveyed near Yanco Creek (view northwest)

(Source: NOHC, March 2023)



5.2.5 Lake Cullivel

No Aboriginal objects were recorded on Holding H125. One Aboriginal site (PEC-E-114), a small earth mound containing an Aboriginal hearth, was recorded in Holding H124. Figure 5-43 indicates the areas surveyed. Table 5-14 provides the field survey results for the Holding H124 site survey.

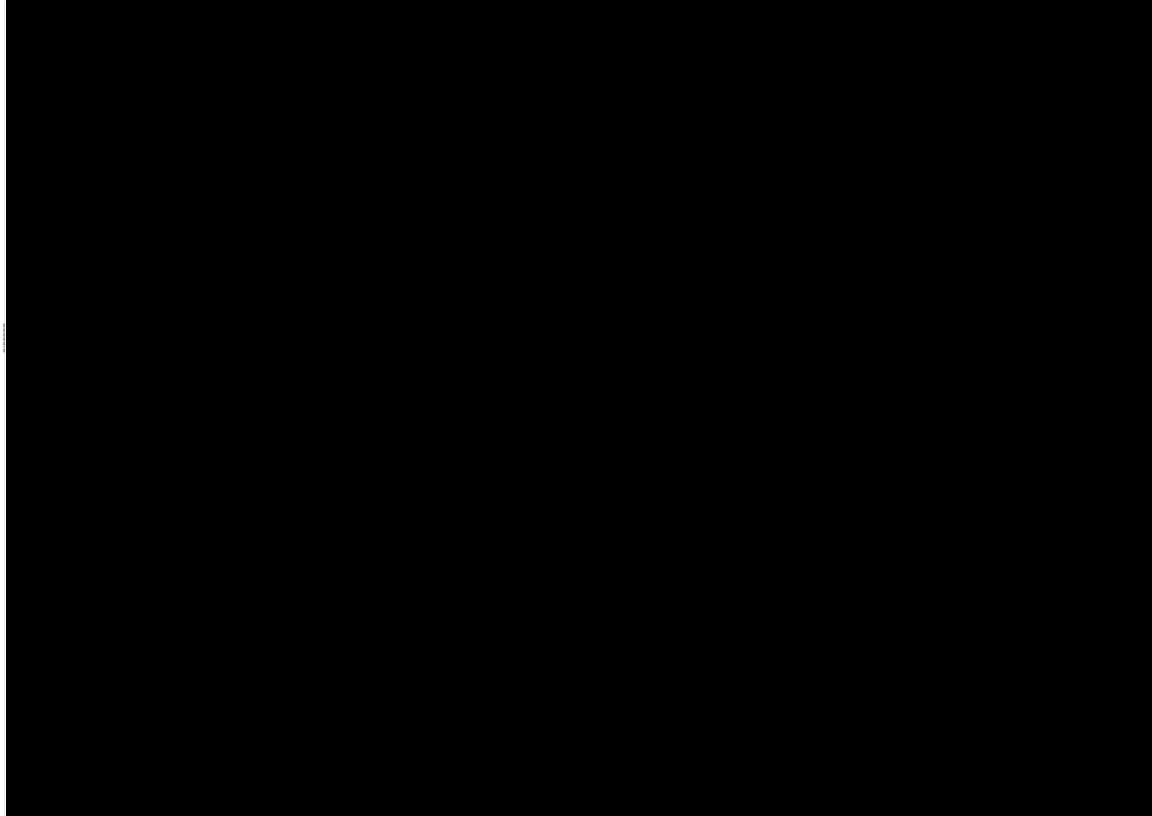


Figure 5-43 Survey area H124 and H125

Table 5-14 Holding H124 (see Figure 5-44 to Figure 5-46)

Landform and archaeological sensitivity	Flat and highly disturbed agricultural land covered in extensive vegetation. Visibility 0% and exposure 100%.	
Disturbance	Area has been impacted by earth moving equipment which has been used to construct an easement to access gates for H124 and H125 and a drainage channel with a mounded wall (beside H125).	
Aboriginal sites/objects located – description	Yes	[REDACTED]
PAD identified/archaeological potential (high or moderate)	Yes	[REDACTED]



Area of cultural significance identified	Yes	Hearths are culturally significant places where people occupied the land and undertook economic and other cultural activities including sometimes burying the dead.
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Figure 5-44 Area surveyed at Holding H124 (view north)
(Source: NOHC, March 2023)



Figure 5-45 Section surveyed in easement on Holding H124 (view northwest)
(Source: NOHC, March 2023)



Figure 5-46 Unsealed road surveyed on Holding H124 (view east)
(Source: NOHC, March 2023)

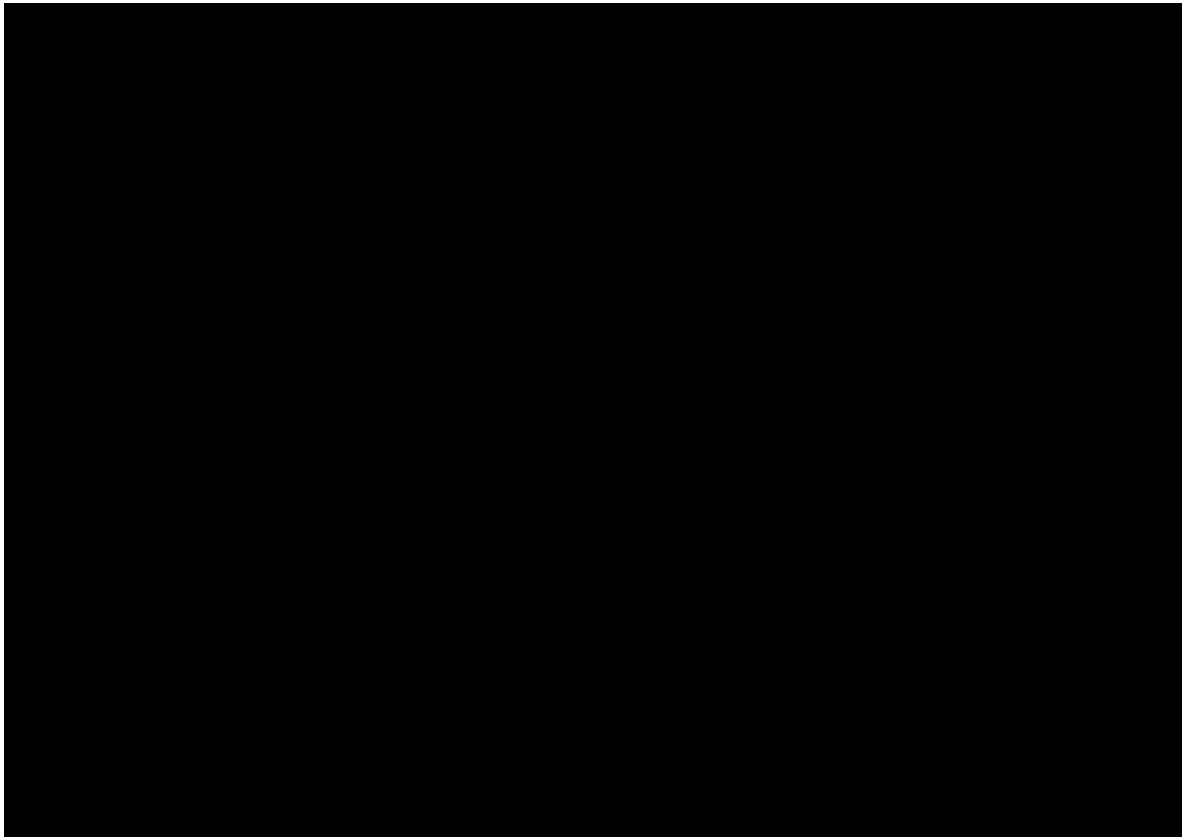


Figure 5-47 Map indicating the location of recorded sites in H124

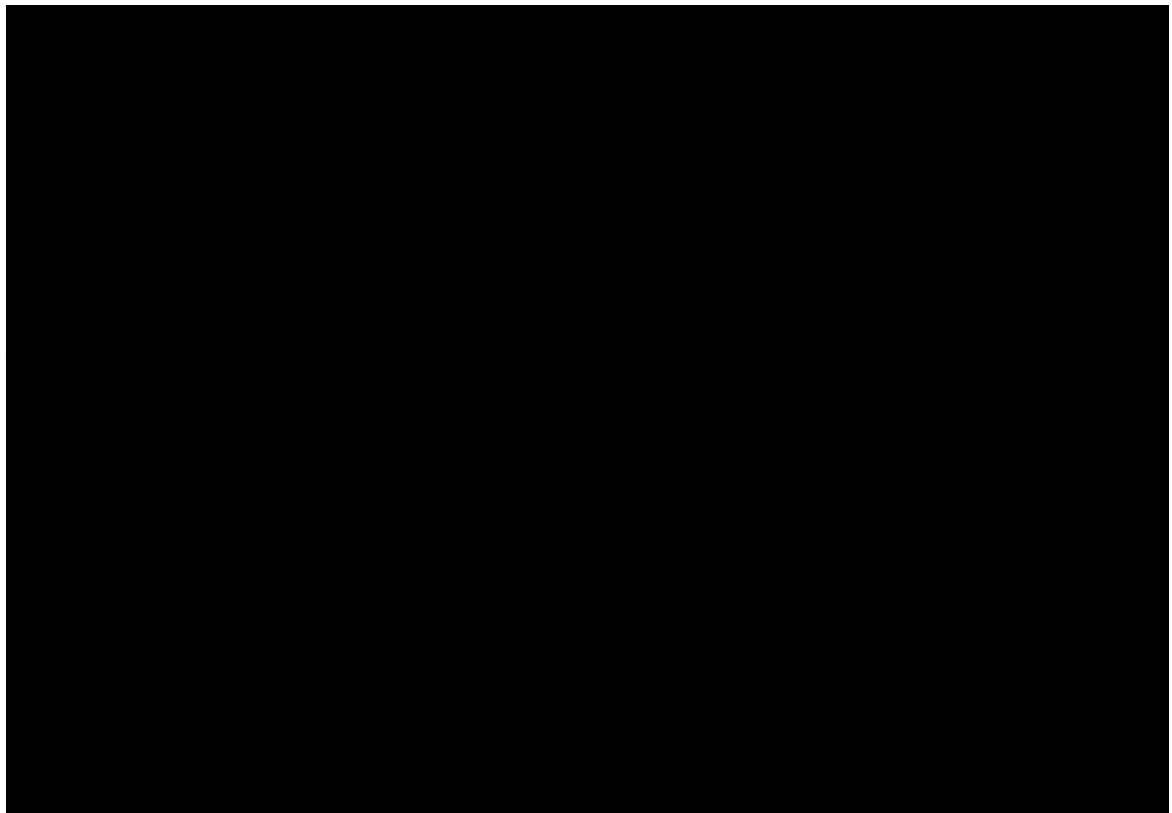


Figure 5-48 PEC-E-114

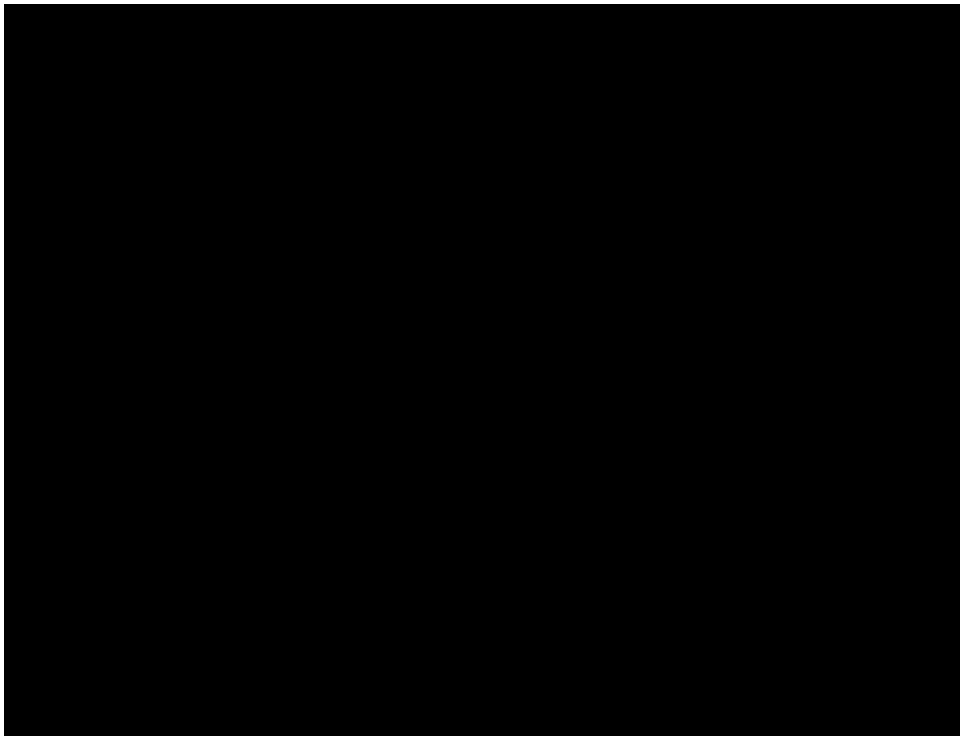


Figure 5-49 Aboriginal hearth PEC-E-114 on unsealed farm track on Holding H124 (view east)

(Source: NOHC, March 2023)

Table 5-15 Holding H125

Landform and archaeological sensitivity	<p>Flat heavily vegetated and disturbed easement between two paddocks and a flat graded (unsealed) road running east-west along the northern boundary of a ploughed field.</p> <p>Easement: visibility 0-20% (typically <5%) and exposure 100%. Road: visibility 30-100% (typically 100%) and 100% exposure.</p>	
Disturbance	<p>Easement has been subject to disturbance from earth moving equipment. Road surface has been graded removing natural topsoil layers and vegetation. Wayside is vegetated or a ploughed field. In parts the road has been recolonised by vegetation.</p>	
Aboriginal sites/objects located – description	None	
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	



5.2.6 Lockhart

Figure 5-50 indicates the areas surveyed. Table 5-16 provides the field survey results for the Holding H160 site survey.

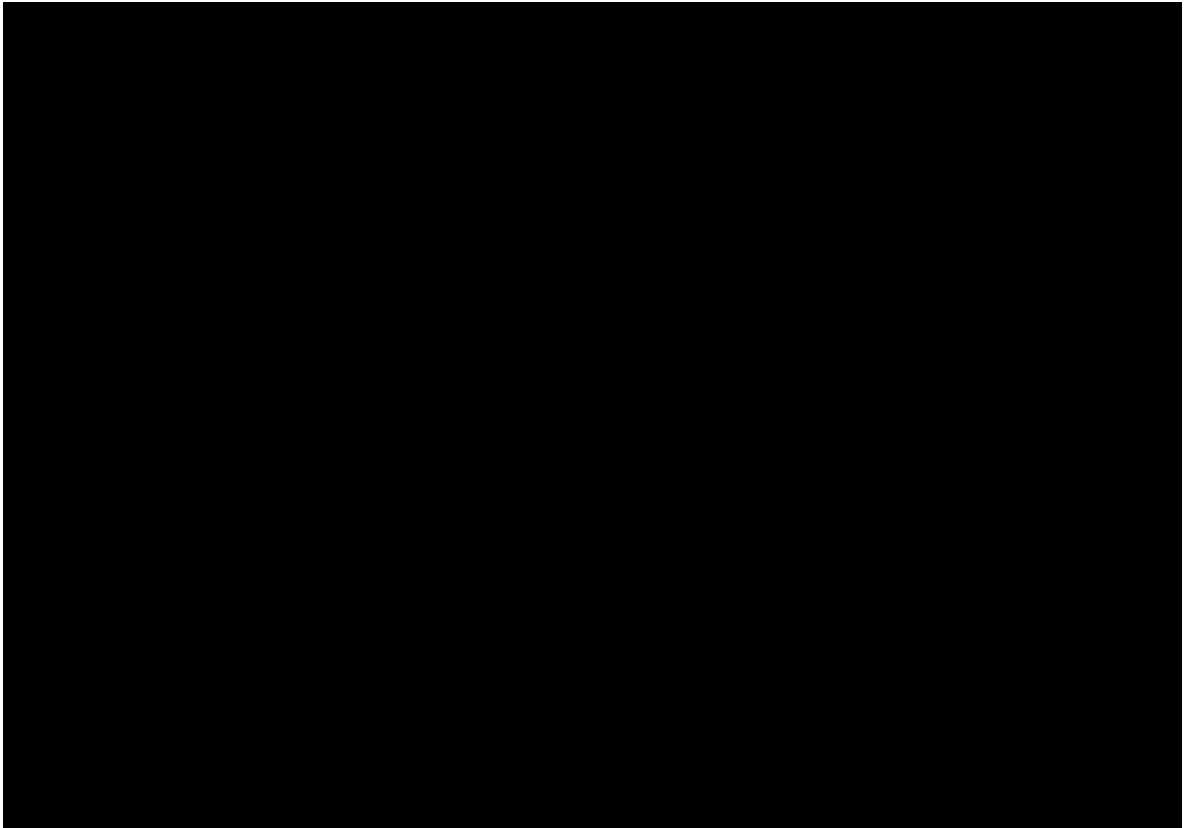


Figure 5-50 Survey area, H160 and H161

Table 5-16 Holding H160 (see Figure 5-53 to Figure 5-57)

Landform and archaeological sensitivity	Flat ploughed agricultural field containing the powerline easement. Visibility 0-100% (typically ~70%) and 100% exposure.	
Disturbance	The area has been cleared of its natural vegetation and ploughed for agricultural crops.	
Aboriginal sites/objects located – description	Yes	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>PEC-E-116: [REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>



PAD identified/archaeological potential (high or moderate)	Yes	There is high archaeological potential for the two scatters associated with the existing towers 286 and 287, PEC-E-115 and P EC-E-116. The sedimentary context of the single artefact site and its location close to two scatters indicates moderate archaeological potential for the third site.
Area of cultural significance identified	Yes	Artefacts are culturally significant to Aboriginal people and the apparent density of artefacts in this landscape, especially associated with the existing tower 287, is likely to be significant for the Lockhart area. Presently, no published scientific research has been published for Lockhart making the sites scientifically important also.

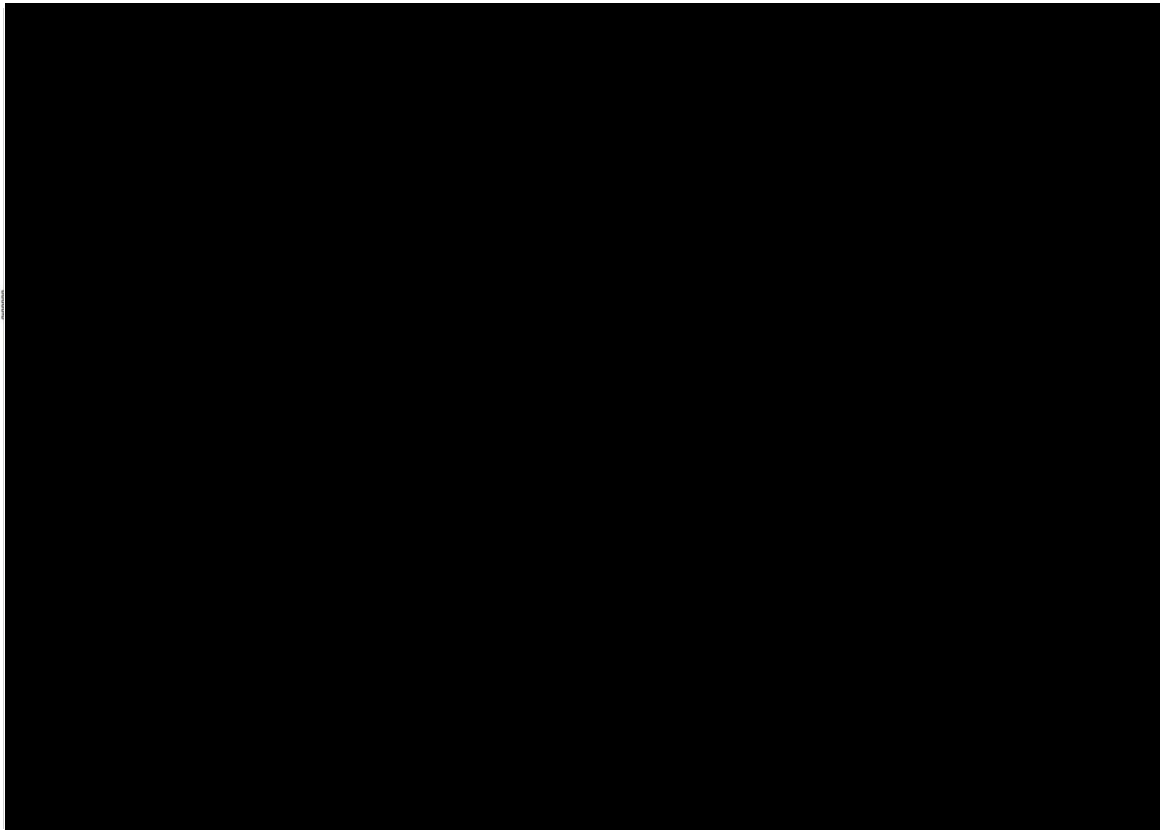


Figure 5-51 Map indicating location of PEC-E115, PEC-E-116, and PEC-E-117

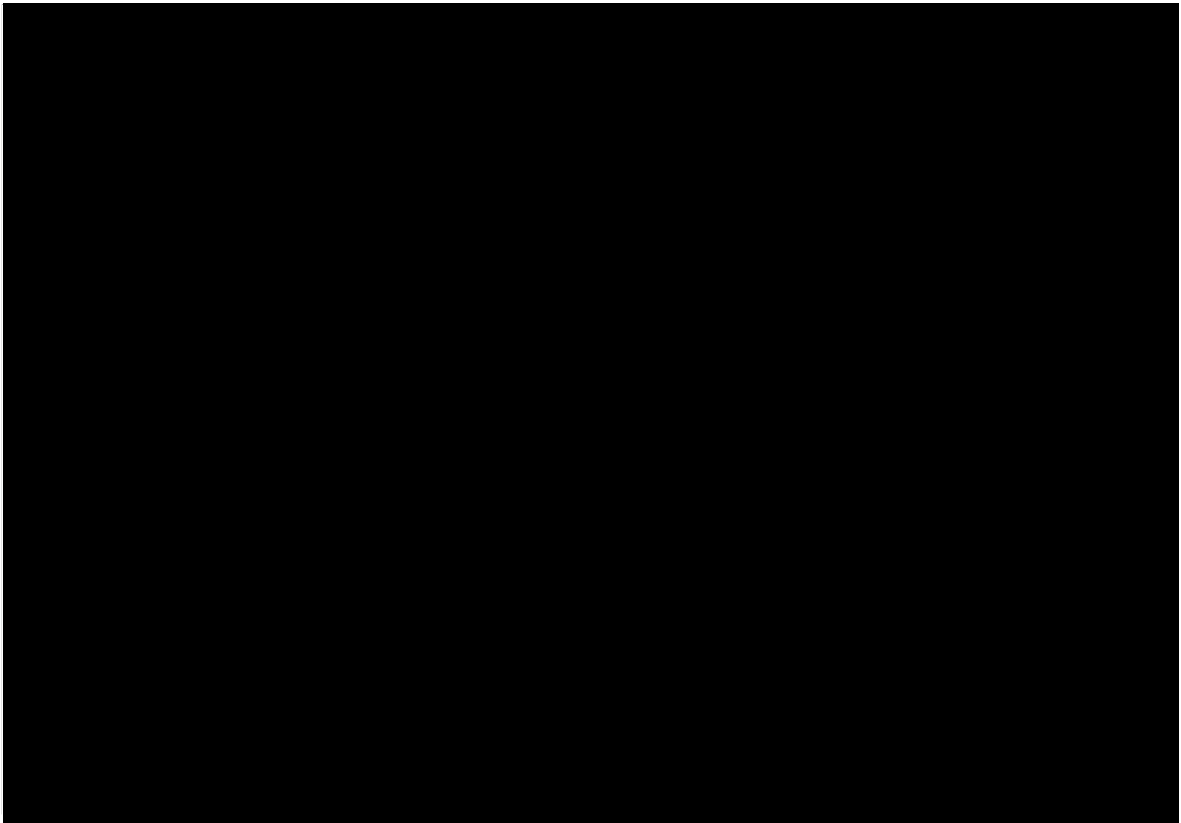


Figure 5-52 PEC-E115, PEC-E-116, and PEC-E-117

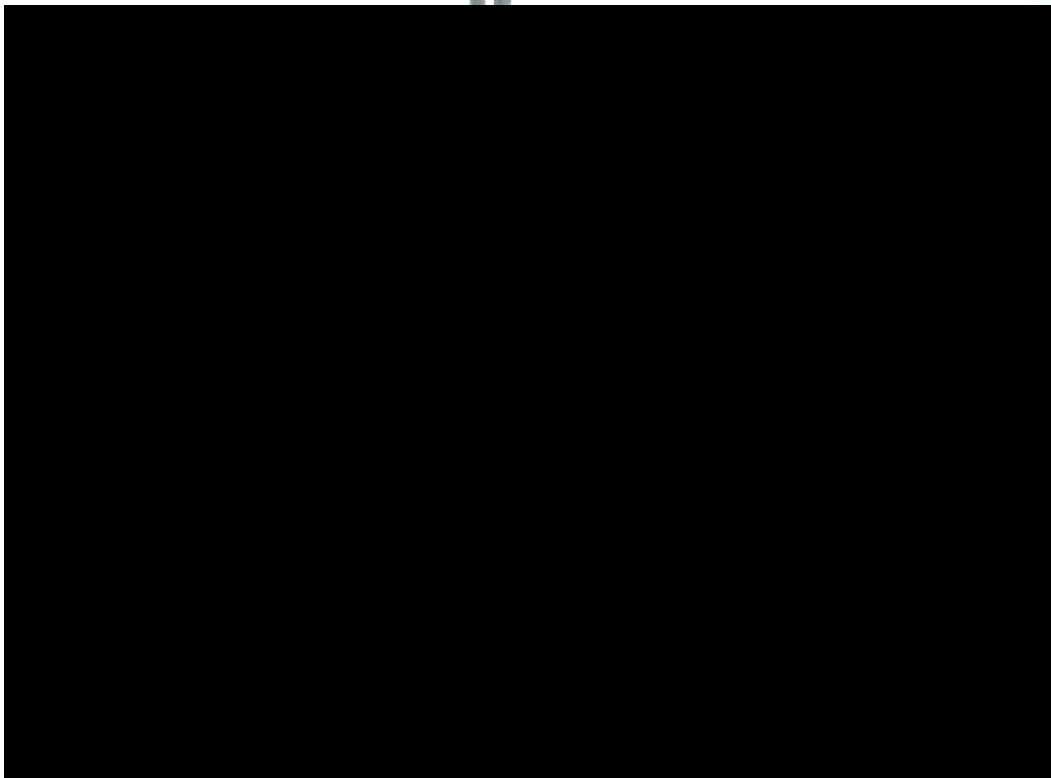


Figure 5-53 Artefact scatter PEC-E-115 (blue flags) beneath tower 287 on Holding H160

(Source: NOHC, March 2023)

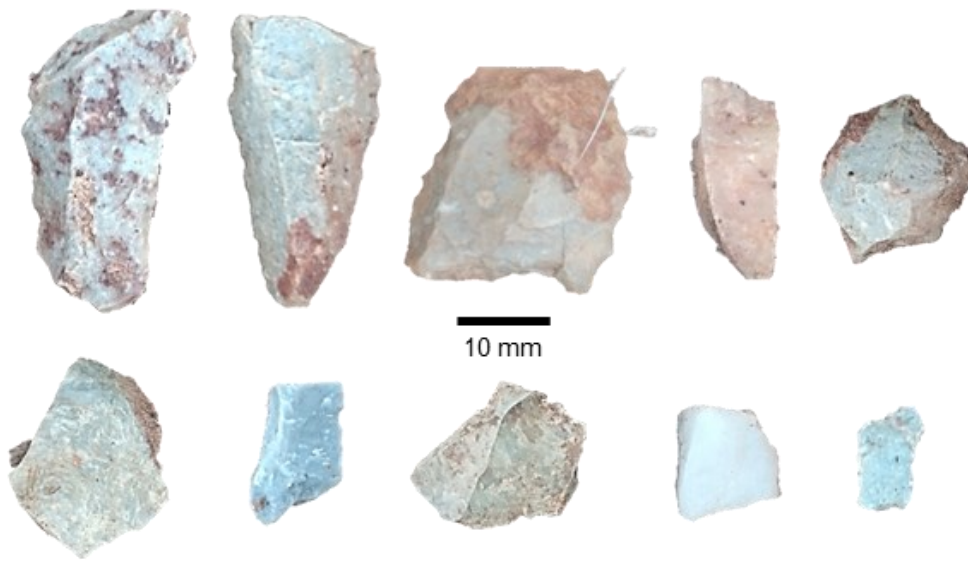


Figure 5-54 Examples of flake-based artefacts from the scatter beneath tower 287, PEC-E-115

(Source: NOHC, March 2023)

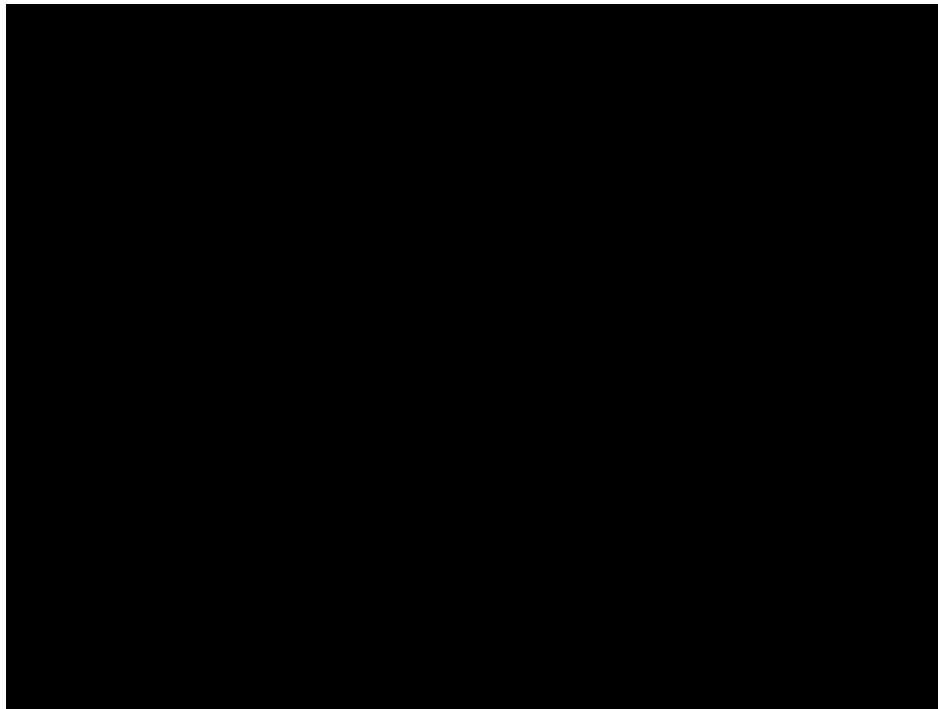


Figure 5-55 Artefact scatter PEC-E-116 (blue & yellow flags) beneath tower 286 on Holding H160

(Source: NOHC, March 2023)

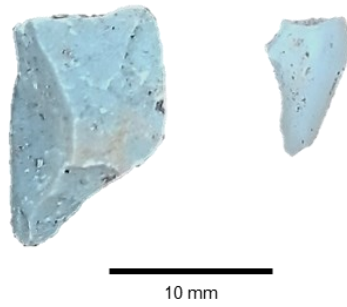


Figure 5-56 Two flake-based artefacts from the scatter beneath tower 286, PEC-E-116

(Source: NOHC, March 2023)

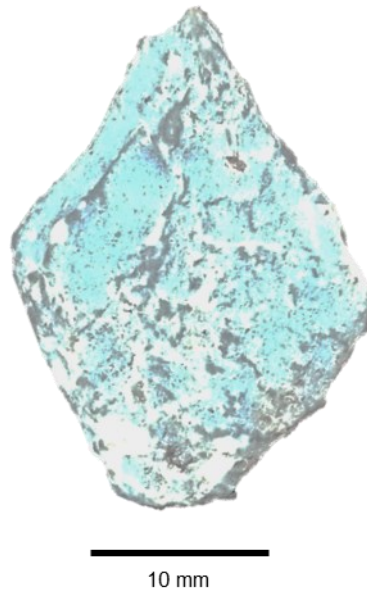


Figure 5-57 Flake artefact PEC-E-117 from the proposed easement for PEC NNE of existing tower 285

(Source: NOHC, March 2023; NB: original image was taken late afternoon and was overexposed)



Table 5-17 provides the field survey results for the Holding H161 site survey, Figure 5-50 (above) indicates the area surveyed.

Table 5-17 Holding H161 (see Figure 5-58)

Landform and archaeological sensitivity	Flat ploughed agricultural field containing the powerline easement. Visibility 80-100% (typically 90%) and 100% exposure.	
Disturbance	The area has been cleared of its natural vegetation and ploughed for agricultural crops	
Aboriginal sites/objects located – description	None	
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	



Figure 5-58 Field surveyed on Holding H161

(Source: NOHC, March 2023)



5.2.7 Wagga Wagga, Rowan

Figure 5-59 indicates the area surveyed. Table 5-18 provides the field survey results for the Holbrook Road site survey.



Figure 5-59 Area surveyed, Holbrook Road

Table 5-18 Holbrook Road (see Figure 5-60 to Figure 5-63)

Landform and archaeological sensitivity	Paved road surface and unsealed wayside. Visibility: 0-100% along wayside (typically <10%). Exposure: 100% along wayside.	
Disturbance	Road surface is paved. The wayside largely comprises small mounds of sediment adjacent to the shoulder and natural features (ridges) which have been cut through to make the road exposing sections beside the road	
Aboriginal sites/objects located – description	Yes	PEC-E-118: Two quartz flake fragment artefacts were recorded on the wayside of Holbrook Road south of the current powerline easement
PAD identified/archaeological potential (high or moderate)	Yes	While survey failed to reveal the presence of more Aboriginal objects, a low potential of further artefacts is suggested at site PEC-E-118
Area of cultural significance identified	Yes	Artefacts are culturally significant to Aboriginal people. Presently, no published scientific research has been published for Wagga Wagga making the sites scientifically important.

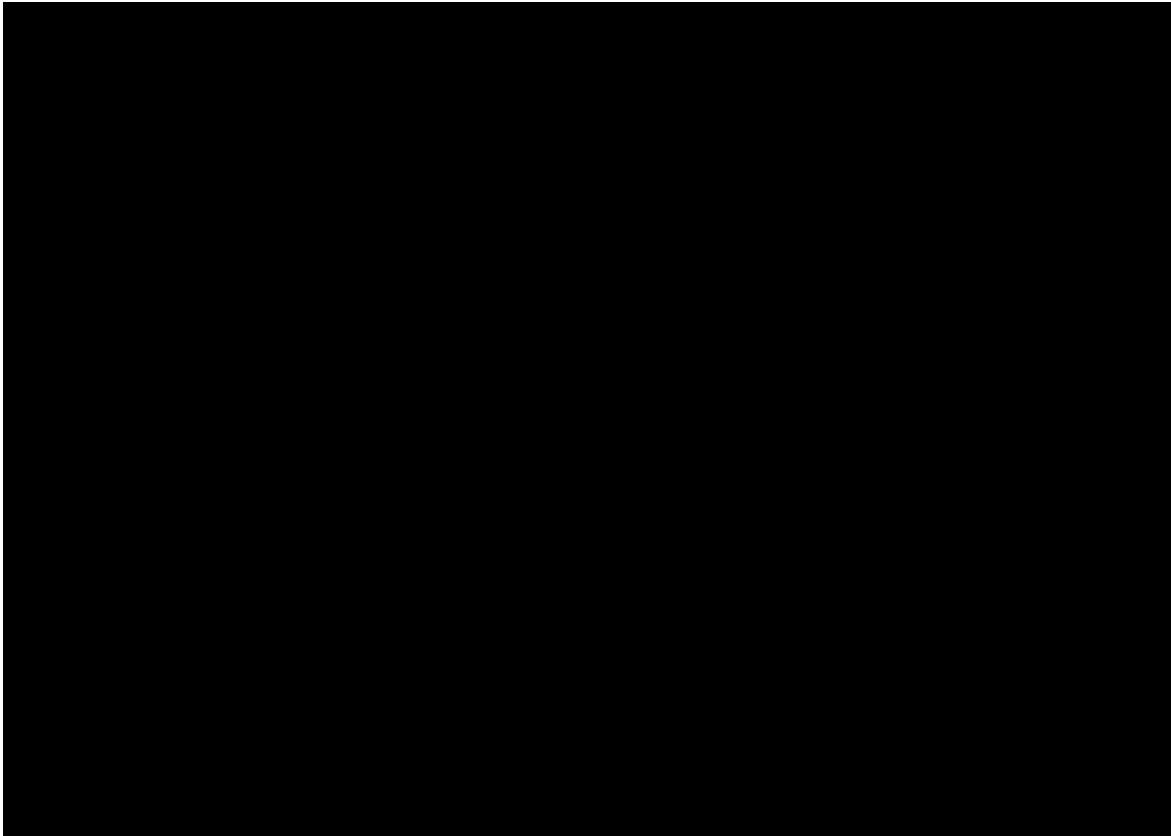


Figure 5-60 Location of PEC-E-118

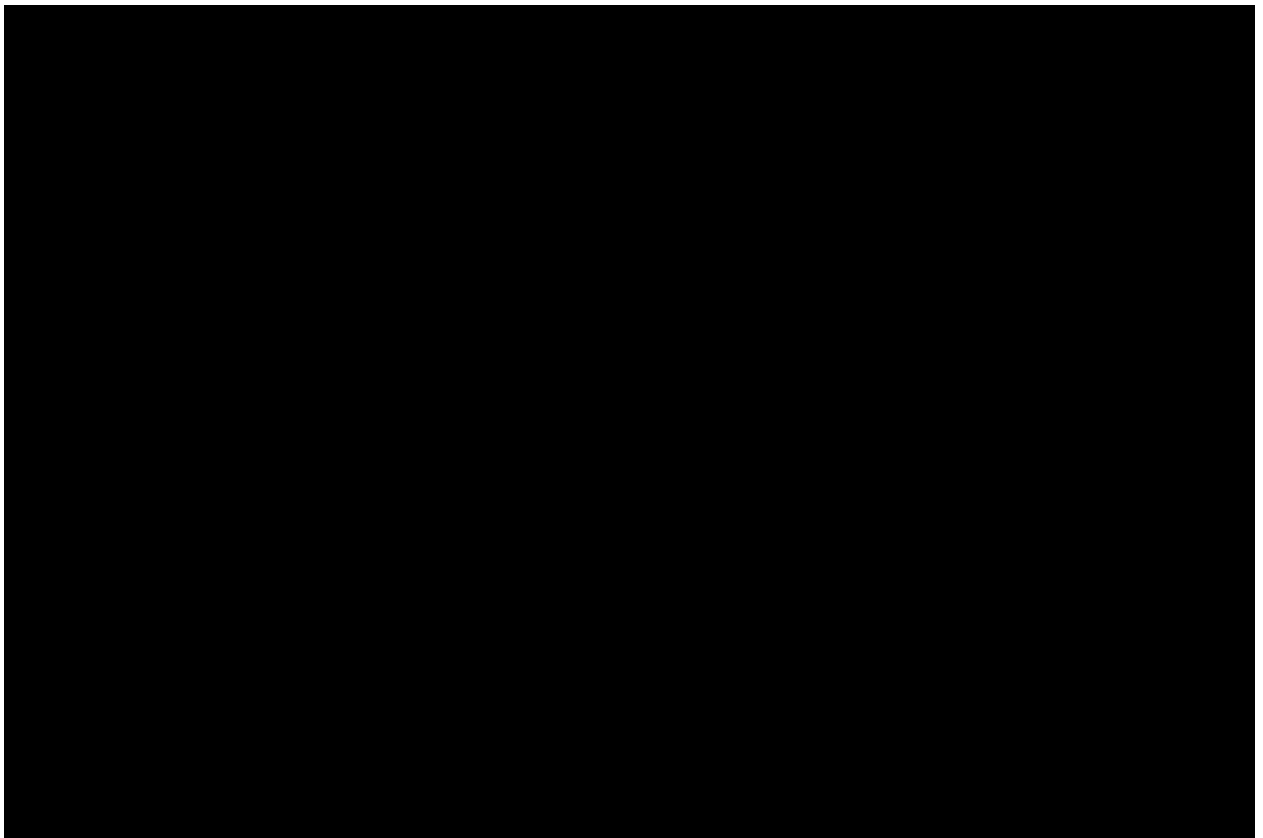


Figure 5-61 PEC-E-118



10 mm

Figure 5-62 Quartz flake PEC-E-118 artefact recorded on the wayside of Holbrook Road

(Source: NOHC, March 2023)

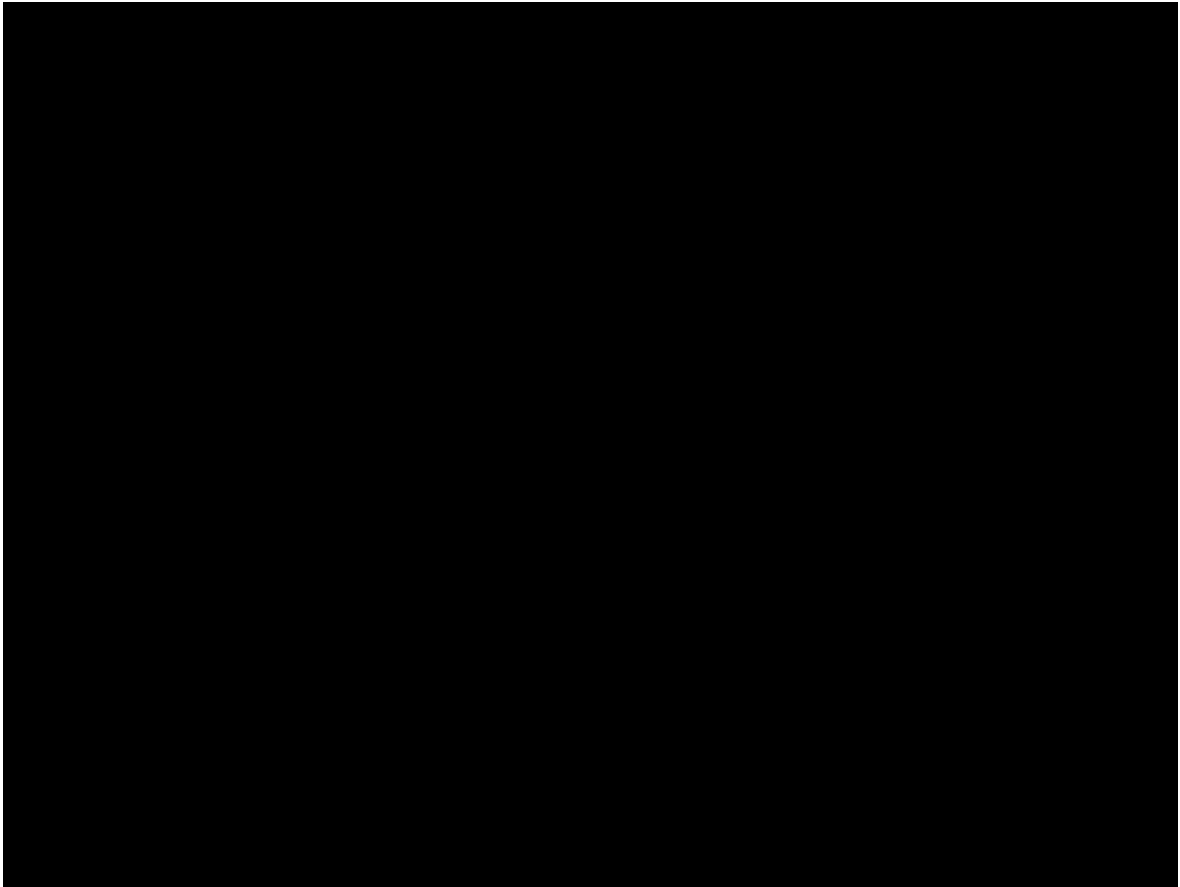


Figure 5-63 Section of Holbrook Road south of the current powerline easement where two artefacts PEC-E-118 were recorded (white arrow)

(Source: NOHC, March 2023)



Figure 5-64 indicates the areas surveyed. Table 5-19 provides the field survey results for the Rowan Road site survey.

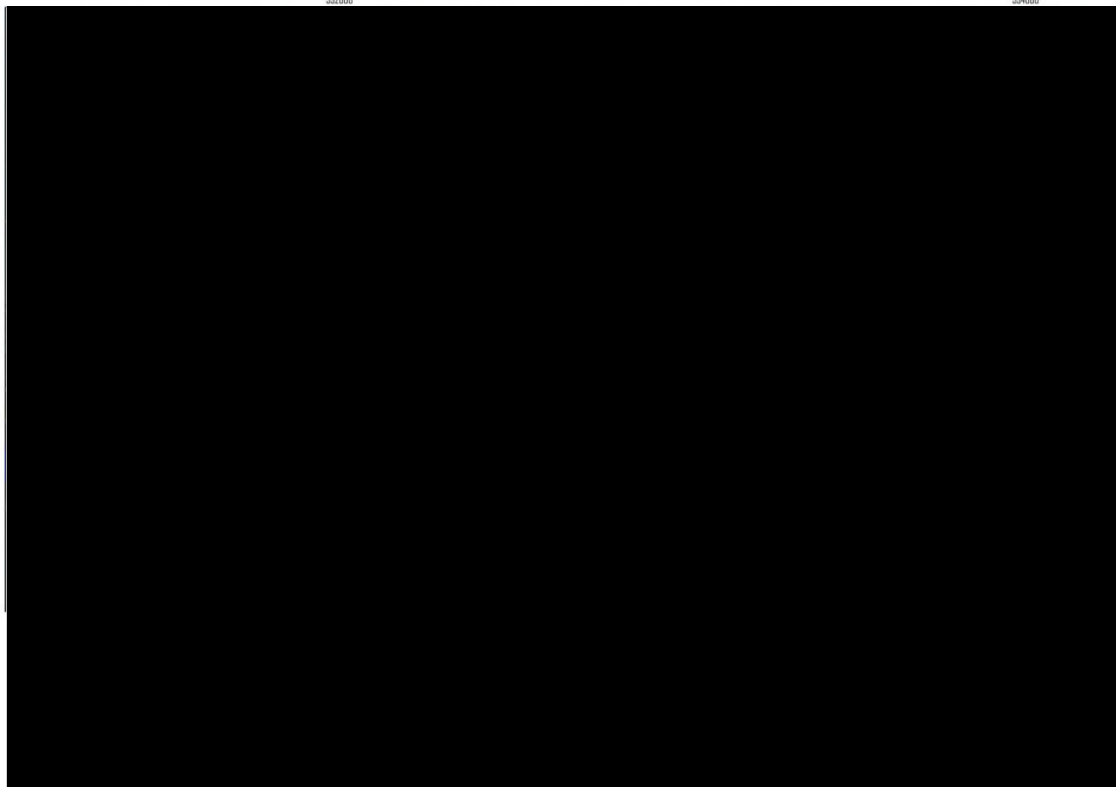


Figure 5-64 Survey areas, Rowan Road, Plumpton Road and Boiling Down Road

Table 5-19 Rowan Road (see Figure 5-65)

Landform and archaeological sensitivity	Flat unsealed road surface and wayside. Visibility: 100% along entire track but 0-50% along wayside (typically ~30%). Exposure: 100% along (graded) track surface and wayside.	
Disturbance	Road surface graded in the past removing natural topsoil layers and vegetation. Wayside largely comprises small sediment mounds from grading activities and natural landscape elements. Vegetation has recolonised the area.	
Aboriginal sites/objects located – description	Yes	Previously recorded AHIMS sites ██ ██ ██ ██ ██ ██
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	Previously recorded AHIMS sites ██████████ ██ ██ are in the vicinity of Road. These sites are considered to be of cultural significance to the RAPs.



Figure 5-65 Surveyed section of Rowan Road east of the current powerline easement

(Source: NOHC, March 2023)

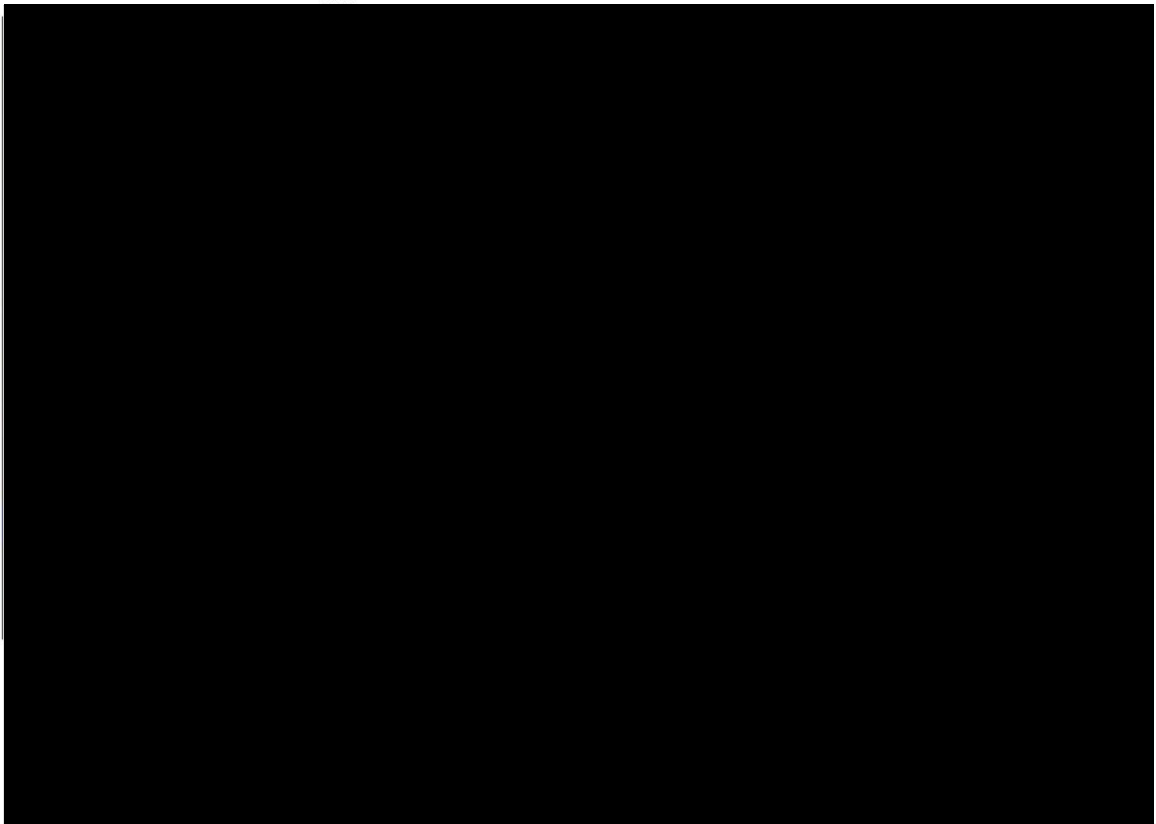


Figure 5-66 Location of AHIMS sites



Table 5-20 provides the field survey results for the Plumpton Road site survey. Figure 5-64 indicates the areas surveyed.

Table 5-20 Plumpton Road

Landform and archaeological sensitivity	Flat unsealed road surface and wayside. Visibility: 100% along entire track but 0-50% along wayside (typically <20%). Exposure: 100% along (graded) track surface and wayside.	
Disturbance	Road surface had been graded in the past removing natural topsoil layers and vegetation. Wayside largely comprises small sediment mounds from grading activities and natural landscape elements. Vegetation has recolonised the area.	
Aboriginal sites/objects located – description	Yes	[REDACTED]
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	[REDACTED] This site is considered to be of cultural significance to the RAPs.

Table 5-21 provides the field survey results for the Boiling Down Road site survey. Figure 5-64 indicates the areas surveyed.

Table 5-21 Boiling Down Road (see Figure 5-67)

Landform and archaeological sensitivity	Road surface had been graded in the past removing natural topsoil layers and vegetation. Wayside largely comprises small sediment mounds from grading activities and natural landscape elements. Vegetation has recolonised the area.	
Disturbance	Road surface had been graded in the past removing natural topsoil layers and vegetation. Wayside largely comprises small sediment mounds from grading activities and natural landscape elements. Vegetation has recolonised the area.	
Aboriginal sites/objects located – description	None	No previously recorded AHIMS sites where found adjacent to the study area.
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	



Figure 5-67 Eastern end of Boiling Down Road surveyed for Aboriginal objects

Figure 5-68 indicates the survey area. Table 5-22 provides the field survey results for the Holding H208 site survey.

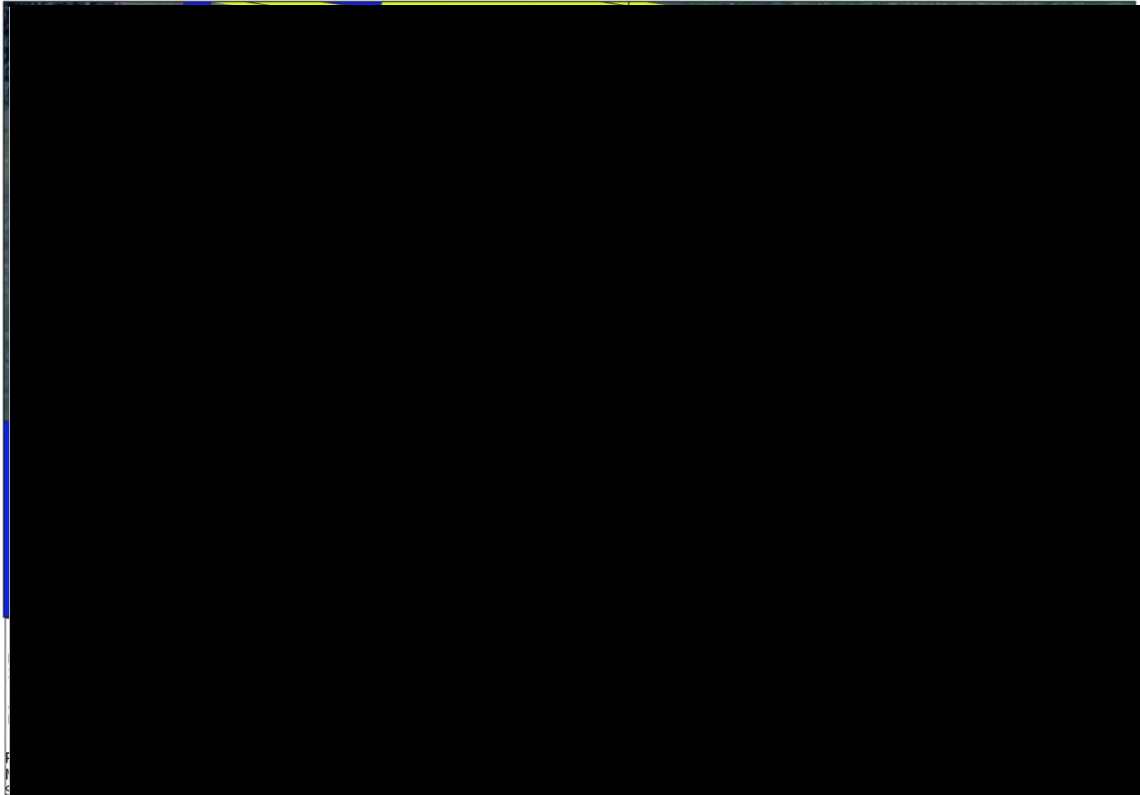


Figure 5-68 Survey areas, H208 and H209



Table 5-22 Holding H208 (see Figure 5-69)

Landform and archaeological sensitivity	Area of flat ploughed agricultural land beside adjacent to the existing powerline easement. Visibility 0%, exposure 100%.	
Disturbance	Landscape has been subject to extensive disturbance through the clearance of native vegetation and ploughing of the soil.	
Aboriginal sites/objects located – description	None	
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	

Table 5-23 provides the field survey results for the Holding H209 site survey. Figure 5-68 indicates the survey area.

Table 5-23 Holding H209 (see Figure 5-69)

Landform and archaeological sensitivity	Area of flat ploughed agricultural land beside adjacent to the existing powerline easement. Visibility 0%, exposure 100%.	
Disturbance	Landscape has been subject to extensive disturbance through the clearance of native vegetation and ploughing of the soil.	
Aboriginal sites/objects located – description	None	
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	



Figure 5-69 Powerline easement at Holdings H208 and H209

5.2.8 Wagga Wagga, Uranquinty

Figure 5-70 indicates the area surveyed. Table 5-24 provides the field survey results for the H193 site survey.



Figure 5-70 Survey areas, H193



Table 5-24 H193 (see Figure 5-71)

Landform and archaeological sensitivity	Area of gently sloping ploughed agricultural land adjacent to the existing powerline easement. Visibility 10%, exposure 30%.	
Disturbance	Landscape has been subject to extensive disturbance through the clearance of native vegetation and ploughing of the soil.	
Aboriginal sites/objects located – description	None	
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	



Figure 5-71 H193 surveyed.



Figure 5-72 indicates the area surveyed. Table 5-25 provides the field survey results for the Old Station Road site survey.



Figure 5-72 Survey areas, Old Station Road and H195

Table 5-25 Old Station Road (see Figure 5-73)

Landform and archaeological sensitivity	Road surface had been graded in the past removing natural topsoil layers and vegetation. Wayside largely comprises small sediment mounds from grading activities and natural landscape elements. Vegetation has recolonised the area.	
Disturbance	Road surface had been graded in the past removing natural topsoil layers and vegetation. Wayside largely comprises small sediment mounds from grading activities and natural landscape elements. Vegetation has recolonised the area.	
Aboriginal sites/objects located – description	None	
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	



Figure 5-73 Western section of Old Station Road surveyed

Table 5-26 provides the field survey results for the Holding H195 site survey. Figure 5-72 indicates the area surveyed.

Table 5-26 Holding H195 (see Figure 5-74)

Landform and archaeological sensitivity	Area of flat ploughed agricultural land adjacent to the existing powerline easement. Visibility 0%, exposure 100%.	
Disturbance	Landscape has been subject to extensive disturbance through the clearance of native vegetation and ploughing of the soil.	
Aboriginal sites/objects located – description	None	
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	



Figure 5-74 Holding H195 surveyed for Aboriginal artefacts

Figure 5-72 indicates the area surveyed. Table 5-27 Table 5-27 and **Error! Reference source not found.** provides the field survey results for the site survey.

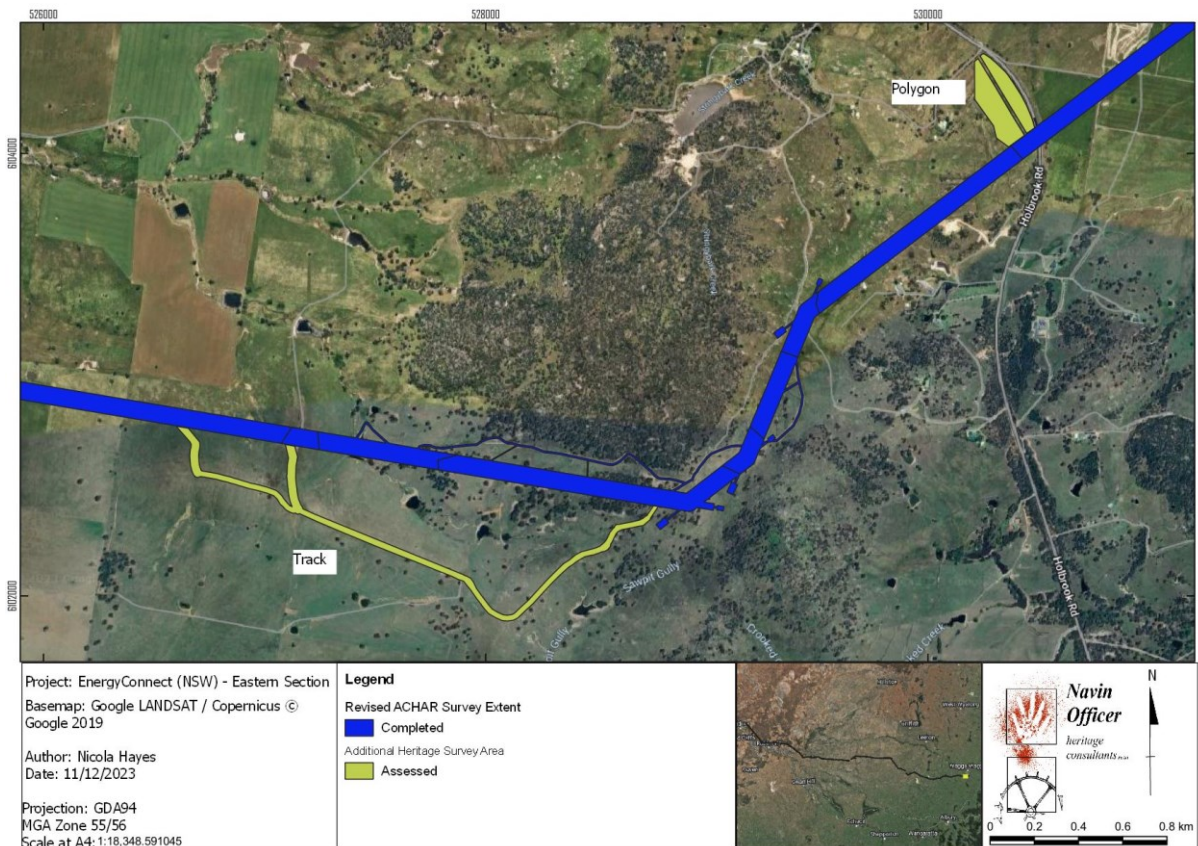


Figure 5-75 Survey areas H197 polygon and track



Table 5-27 Holding H197 polygon (see Figure 5-75)

Landform and archaeological sensitivity	Area of flat ploughed agricultural land adjacent to the existing powerline easement. Visibility 80%, exposure 10%.	
Disturbance	Landscape has been subject to extensive disturbance through the clearance of native vegetation and ploughing of the soil.	
Aboriginal sites/objects located – description	None	
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	



Figure 5-72 indicates the area surveyed. Table 5-27 and Error! Reference source not found. provides the field survey results for the site survey.



Table 5-28 Holding H197 track (see Figure 5-76, Figure 5-77 and Figure 5-78Figure 5-74)

Landform and archaeological sensitivity	the track alignment moves from a formed dirt road and Farm track on hill spur line crest, to a cleared open padlock crest and mid slope with limited visibility. Exposure incidence was 30% to 90% with 40% to 80% visibility.	
Disturbance	Landscape has been subject to extensive disturbance through the clearance of native vegetation and ploughing of the soil.	
Aboriginal sites/objects located – description	None	
PAD identified/archaeological potential (high or moderate)	None	
Area of cultural significance identified	None	



Figure 5-76 Holding H197 track dirt road looking west



Figure 5-77 Holding H197 track farm track looking west



Figure 5-78 Holding H197 track paddock looking north



6 Significance assessment

A significance assessment has been completed for all previously recorded sites as detailed in Section 8 of the revised ACHAR. This section should be referred to for further information on the assessment criteria applied to determine cultural or scientific significance. The assessment of the significance of the newly recorded sites has been assessed in accordance with the Revised ACHAR.

6.1 Aboriginal Social (or cultural) value

Aboriginal people alone can determine the Aboriginal cultural significance of a place. The following is the result of the ongoing consultation that has occurred as part of this assessment.

All archaeological objects and sites have cultural value for present-day Aboriginal people, as they were created by ancestral Aboriginal people and provide tangible evidence of past occupation of the landscape. All sites have cultural significance to present-day Aboriginal groups as manifestations of their ancestors' past occupation of the landscape.

Some objects and places might have cultural value that were not communicated to NOHC. This could be the case for objects or places that are associated with information that is culturally restricted.

6.2 Aboriginal sites scientific value

As detailed in the Revised ACHAR, Aboriginal sites recorded during the archaeological survey can be placed into the following assessment categories:

- low scientific significance
- moderate (local) scientific significance
- moderate to high (local) scientific significance
- high significance

No sites have been assessed to have national or state scientific significance.

Table 6-1 Aboriginal sites scientific value

Site number	Summary description	Characteristics relevant to significance assessment	Assessment category – significance level
PEC-E-106	Dune with human burial, archaeological animal remains and PAD	Human remains are a very rare site type and associated PAD	High (local)
PEC-E-107	Hearth complex and PAD	Hearth and associated PAD	Moderate (local)
PEC-E-108	Hearth complex and PAD	Hearth and associated PAD	Moderate (local)
PEC-E-109	Isolated find, midden and PAD	Artefacts and associated PAD	Moderate (local)
PEC-E-113	Artefact scatter	Low artefact numbers and no assessed archaeological potential	Low (local)
PEC-E-110	Artefact scatter & hearth	Artefact, hearth	Moderate (local)



Site number	Summary description	Characteristics relevant to significance assessment	Assessment category – significance level
REC-E-111	Artefact scatter	Low artefact numbers and no assessed archaeological potential	Low (local)
PEC-E-112	Artefact	Low artefact numbers and no assessed archaeological potential	Low (local)
PEC-E-114	Hearth	Hearth	Moderate (local)
PEC-E-115	Artefact scatter and PAD	Moderately high artefact numbers and associated PAD	Moderate (local)
PEC-E-116	Artefact scatter and PAD	Low artefact numbers and associated PAD	Moderate (local)
PEC-E-117	Isolated find	Low artefact numbers	Low (local)
PEC-E-118	Artefact scatter	Low artefact numbers	Low (local)



7 Impact assessment

As outlined in the Revised ACHAR for this project the potential impacts associated with the proposal include:

- direct impacts associated with tower construction locations and tower laydowns
- potential direct impacts to ground surface from brake and winch sites, and upgrading of existing or construction of new vehicle tracks
- potential direct impacts associated with vegetation clearance in the centreline for stringing lines which extend between the transmission line towers
- potential direct impacts to some sites and scarred trees where vegetation clearance to certain heights is required. For the purposes of this assessment, this is assumed to be all vegetation that is, or can grow, above four metres in height in the centre areas of the easement and up to 10 metres growth height on the outer sections of the easement
- indirect impacts including impacts during vegetation clearance activities, disturbance from surface water drainage and workers driving over sites.

Indirect impacts, depending on the site type, site context, and its archaeological and cultural significance, may not result in a loss of heritage significance. Indirect impacts may occur to areas beyond the indicative disturbance area, however, the impact to the heritage significance of that place would be dependent on several factors, including spatial extent of the site, depth of deposits, and the works being conducted adjacent to these areas. The loss of heritage significance in the table below is assessed as if the impact had occurred, be that direct or indirect.

The impact assessment for each recorded site including those from the Revised ACHAR and the sites recorded by this Addendum ACHAR, have been reviewed, and the impact assessment has been updated for all recorded sites. Table 7-1 provides an impact assessment of each site. There are now 175 sites and PADs within the project area. The reader is directed to the Revised ACHAR for the site descriptions and significance assessments of all previously recorded sites. The notes column in Table 7-1 of this Addendum ACHAR details details if there has been a change in impact to the sites reported in the Revised ACHAR and the impacts from the current project design.

Of the new 13 sites recorded as part of this assessment, five may be directly impacted by the project, five are located adjacent to the disturbance area and may be indirectly impacted and three sites will not be impacted by the project. Of all the sites and PADs recorded (175), 66 will remain in-situ throughout construction and will be protected. This compares to 55 of the 147 sites and PADs in the Revised ACHAR that would not have been impacted. Appendix 3 depicts the impact to each site.

7.1 Justification where impact avoidance is not possible

Realigning the transmission line, compared to what the EIS assessed, would be a substantial change to the project. The easements are subject to landholder agreements. Also, altering the alignment would require reassessment and, potentially, a formal modification to the Infrastructure Approval. Accordingly, the alignment of the transmission line has not changed compared to what was assessed in the EIS. What has changed is tower locations (and associated construction impact areas) and proposed access to and along the alignment, as outlined below.

The locations of towers and associated tower construction footprints have been subject to a multidisciplinary review with input from design, engineering, construction, environmental and land access specialists within the aim resolving all potential issues at each location. The potential issues at each location that the project must consider and resolve could include



features of biodiversity and heritage conservation significance, landholder requirements, topography and hydrological features and other infrastructure. The review included consideration of potential impact to items and areas of Aboriginal heritage conservation significance. Adjustments in the design and construction methodology have been adopted to avoid and minimise impacts to heritage items wherever practicable, with consideration of all other constraints and values. Given all considerations, however, it has not been possible to avoid all potential impacts to heritage items.

The potential impact to Aboriginal sites has been considered based on where it is located in relation to the construction impact area and, if it is within the construction impact area, the disturbance impact category. Where it is clear that the site would not be impacted or can be protected, Table 7-1 indicates that it would not be impacted. Where it is clear, from the proposed design and associated construction footprint, that impact to a site is unavoidable, Table 7-1 indicates that it would be directly impacted. Table 7-2 provides a justification why impacts to the heritage item cannot be avoided.

The remaining sites are either directly adjacent to areas of direct disturbance or in areas of partial disturbance. While practicable measures will be taken to avoid and, if avoidance is not possible, minimise potential impacts to each of these heritage items, it is not possible at this stage to confirm whether complete avoidance is possible. This is due to factors like inaccuracies in the cadastral information, georeferencing of aerial imagery used in the assessment, and remaining uncertainties about construction detail in specific locations (for example specific vegetation removal requirements in partial clearing areas). In these cases, Table 7-1 indicates that there is potential for direct impacts and includes the recommended measures to avoid and minimise potential impacts, where practicable.



Table 7-1 Summary of updated impacts to Aboriginal sites

Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
Previously recorded sites – revised assessment based on revised design								
PEC-E-01 (AHIMS #50-3-0061)	Isolated Find	Low	All sites have cultural value	Not directly impacted, adjacent to impact areas (access track)	Indirect impact	Total loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	No change to impact
PEC-E-02 (AHIMS #50-3-0060)	Isolated Find	Low	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Total loss	Exclusion zone (AH7)	No change to impact
PEC-E-03 (AHIMS #51-4-0436)	Midden	Moderate	All sites have cultural value	Disturbance Area B	Potential direct	Partial loss	Exclusion zone (AH7). If avoidance not practicable, photographic recording and sampling (AH6)	No change to impact
PEC-E-04 (AHIMS #51-4-0437)	Isolated Find	Low	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Total loss	Exclusion zone (AH7)	No change to impact
PEC-E-05 (AHIMS #51-5-0341)	Isolated Find	Low	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Total loss	Exclusion zone (AH7)	No change to impact
PEC-E-06 (AHIMS #51-6-0907)	Hearth (2)	Moderate	All sites have cultural value	Disturbance Area A (centreline only) and B	Potential direct	Partial loss	Exclusion zone (AH7). If avoidance not practicable, photographic recording	Forms part of PEC-E-PAD07 No change to impact



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
							and sampling of hearth (AH6).	
PEC-E-07 (AHIMS #47-4-0528)	Isolated Find	Low	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Total loss	Exclusion zone (AH7)	No change to impact
PEC-E-08 (AHIMS #47-4-0529)	Isolated Find	Low	All sites have cultural value	Not impacted	No impact	No loss	Nil	No change to impact
PEC-E-09 (AHIMS #47-4-0530)	Isolated Find	Low	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Total loss	Exclusion zone (AH7)	No change to impact
PEC-E-10 (AHIMS #47-4-0531)	Artefact Scatter (2), Hearth (3)	Moderate	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Partial loss	Exclusion zone (AH7)	Forms part of PEC-E-PAD10. PEC-E-PAD10 to be identified with exclusion zone (AH7) No change to impact
PEC-E-11 (AHIMS #47-4-0532)	Artefact Scatter (2)	Low	All sites have cultural value	Not impacted	No impact	No loss	Nil	No change to impact
PEC-E-12 (AHIMS #48-4-0533)	Isolated Find	Low	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Total loss	Exclusion zone (AH7) (if fencing is possible then otherwise nil)	No change to impact



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-13 (AHIMS #48-4-0534)	Isolated Find, Hearth (2)	Moderate	All sites have cultural value	Disturbance Area A (centreline only) and B	Potential Direct	Partial loss	Exclusion zone (AH7) If avoidance of isolated find not practicable, surface collection (AH6) If avoidance of hearth not practicable, photographic recording and sampling (AH6)	Forms part of PEC-E-PAD12 Change in impact
PEC-E-14 (AHIMS #48-4-0535)	Artefact Scatter (2), Hearth	Moderate	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Partial loss	Exclusion zone (AH7)	Forms part of PEC-E-PAD13 No change to impact
PEC-E-15 (AHIMS #48-4-0536)	Isolated Find	Low	All sites have cultural value	Not impacted	No impact	No loss	Exclusion zone (AH7)	No change to impact
PEC-E-16 (AHIMS #48-4-0537)	Modified Tree and Artefact Scatter (2)	Moderate	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Partial loss	Exclusion zone (AH7)	Forms part of PEC-E-PAD14 No change to impact
PEC-E-17 (AHIMS #48-4-0538)	Modified Tree	Moderate	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Partial loss	Exclusion zone (AH7)	Forms part of PEC-E-PAD14 No change to impact



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-18 (AHIMS #48-5-0452)	Artefact Scatter (2)	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	Forms part of PEC-E-PAD15 No change to impact
PEC-E-19 (AHIMS #48-5-0436)	Hearth (2)	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	Forms part of PEC-E-PAD15 No change to impact
PEC-E-20 (AHIMS #48-5-0437)	Isolated find, Hearth	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	Forms part of PEC-E-PAD15 No change to impact
PEC-E-21 (AHIMS #48-5-0438)	Isolated Find	Low	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Total loss	Exclusion zone (AH7)	No change to impact
PEC-E-22 (AHIMS #48-5-0439)	Artefact Scatter (25 artefacts), Hearth	Moderate	All sites have cultural value	Disturbance Area A (centreline only) and B	Potential direct	Partial loss	Exclusion zone (AH7). If avoidance of artefact scatter not practicable, surface collection (AH6) If avoidance of hearth not practicable, photographic recording and sampling (AH6)	Forms part of PEC-E-PAD16 No change to impact



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-23 (AHIMS #48-5-0440)	Isolated Find	Low	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Total loss	Exclusion zone (AH7) (if fencing is possible then otherwise nil)	No change to impact
PEC-E-24 (AHIMS #48-5-0441)	Isolated Find, Hearth	Moderate	All sites have cultural value	Disturbance Area A (centreline and access track only) and B	Potential Direct	Partial loss	Surface collection, recording and sampling of hearth (AH6)	Change in impact from Disturbance Area A
PEC-E-25 (AHIMS #48-5-0442)	Earth Mound	Moderate	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Partial loss	Exclusion zone (AH7)	No change to impact
PEC-E-26 (AHIMS #48-5-0443)	Earth Mound	Moderate	All sites have cultural value	Disturbance Area B	Potential direct	Partial loss	Exclusion zone (AH7). If avoidance not practicable, photographic recording and sampling of mound (AH6)	No change to impact
PEC-E-27 (AHIMS #48-5-0444)	Artefact Scatter (5), Hearth (6)	Moderate	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Exclusion zone (AH7) for site/s in construction impact area and no direct impact If avoidance of artefact scatter not practicable, surface collection (AH6) If avoidance of hearth not practicable,	No change to impact



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
							photographic recording and sampling (AH6)	
PEC-E-28 (AHIMS #48-5-0445)	Artefact Scatter (25), Hearth (9)	Moderate	All sites have cultural value	Disturbance Area A (centreline and access track only) and B	Potential Direct	Partial loss	Exclusion zone (AH7) for site/s in construction impact area and no direct impact If avoidance of artefact scatter not practicable, surface collection (AH6) If avoidance of hearth not practicable, photographic recording and sampling (AH6)	Some items form part of PEC-E-PAD18 Change in impact from Disturbance Area A and B
PEC-E-29 (AHIMS #48-5-0446)	Artefact Scatter (3)	Moderate	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Partial loss	Exclusion zone (AH7)	Forms part of PEC-E-PAD19 No change to impact
PEC-E-30 (AHIMS #48-5-0447)	Artefact scatter (3), Hearth (4)	Moderate	All sites have cultural value	Disturbance Area A (including centreline) and B	Potential direct	Partial loss	Exclusion zone (AH7) If avoidance of artefact scatter not practicable, surface collection (AH6) If avoidance of hearth not practicable, photographic recording and sampling (AH6)	Forms part of PEC-E-PAD19 No change to impact



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-31 (AHIMS #48-5-0448)	Isolated Find, Hearth (5)	Moderate	All sites have cultural value	Disturbance Area A (centreline and access track only) and B	Potential Direct	Partial loss	Exclusion zone (AH7) If avoidance of isolated find not practicable, surface collection (AH6) If avoidance of hearth not practicable, photographic recording and sampling (AH6)	Forms part of PEC-E-PAD19 Change in impact from Disturbance Area A and B
PEC-E-32 (AHIMS #48-5-0449)	Hearth (2)	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	Forms part of PEC-E-PAD20 No change to impact
PEC-E-33 (AHIMS #48-5-0450)	Isolated Find	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	Forms part of PEC-E-PAD20 No change to impact
PEC-E-34 (AHIMS #48-5-0451)	Isolated find, Hearth	Moderate	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Partial loss	Exclusion zone (AH7)	Forms part of PEC-E-PAD21 No change to impact
PEC-E-35 (AHIMS #48-6-0164)	Artefact Scatter (3)	Low	All sites have cultural value	Disturbance Area A (track upgrade only)	Direct	Partial loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	No change to impact



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-36 (AHIMS #48-6-0165)	Artefact Scatter (100) Hearth (30), Modified Tree (3)	Moderate to high	All sites have cultural value	Disturbance Area A and B	Direct	Partial loss	Exclusion zone (AH7) for site/s in construction impact area and no direct impact If avoidance of artefact scatter not practicable, surface collection (AH6) If avoidance of hearth not practicable, photographic recording and sampling (AH6) Modified Tree – can only be impacted due to permanent works or Vegetation Clearance Requirements (VCRs). If removal cannot be avoided, 3D scanning is to occur (AH5).	Forms part of PEC-E-PAD22 No change to impact
PEC-E-37 (AHIMS #48-6-0166)	Artefact Scatter (12), Hearth (10)	Moderate	All sites have cultural value	Disturbance Area A and B	Direct	Partial loss	Surface collection (AH6) If avoidance of hearth not practicable, photographic recording and sampling (AH6)	Forms part of PEC-E-PAD23 No change to impact
PEC-E-38 (AHIMS #48-6-0160)	Artefact Scatter (6)	Low	All sites have cultural value	Disturbance Area A (centreline only) and B	Potential Direct	Partial loss	Surface collection (AH6)	No change to impact



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-39 (AHIMS #48-6-0161)	Artefact Scatter (30)	Moderate	All sites have cultural value	Disturbance Area A (centreline and access track only) and B	Potential Direct	Partial loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	Forms part of PEC-E-PAD25 Change in impact from Disturbance A and B
PEC-E-40 (AHIMS #48-6-0162)	Isolated Find	Low	All sites have cultural value	Disturbance Area A (access track only) and B	Potential Direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	Change in impact from Disturbance Area A track upgrade only
PEC-E-41 (AHIMS #48-6-0163)	Isolated Find	Low	All sites have cultural value	Disturbance Area A (centreline only)	Potential Direct	Partial loss	Surface collection (AH6)	No change to impact
PEC-E-42 (AHIMS #49-4-0230)	Modified Tree	Moderate	All sites have cultural value	Disturbance Area B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, Modified Tree can only be impacted due to permanent works or Vegetation Clearance Requirements (VCRs). If removal is required, 3D scanning is to occur (AH5).	No change to impact
PEC-E-43 (AHIMS #55-1-0053)	Artefact Scatter (4)	Low	All sites have cultural value	Not impacted	No impact	No loss	Nil	No change to impact



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-44 (AHIMS #55-1-0054)	Isolated Find	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	Forms part of PEC-E-PAD27b No change to impact
PEC-E-45 (AHIMS #55-1-0055)	Artefact Scatter (3)	Moderate	All sites have cultural value	Disturbance Area A (centreline only) and B	Potential Direct	Partial loss	Surface collection (AH6)	Forms part of PEC-E-PAD27b Change in impact from Area A centreline only
PEC-E-46 (AHIMS #55-1-0056)	Artefact Scatter (3)	Low	All sites have cultural value	Not impacted	No impact	No loss	Nil	Forms part of PEC-E-PAD27b No change to impact
PEC-E-47 (AHIMS #55-1-0057)	Hearth	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	No change to impact
PEC-E-48 (AHIMS #55-1-0058)	Modified Tree	Moderate	All sites have cultural value	Disturbance Area B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, Modified Tree can only be impacted due to permanent works or Vegetation Clearance Requirements (VCRs). If removal is required,	No change to impact



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
							3D scanning is to occur (AH5).	
PEC-E-49 (AHIMS #55-1-0059)	Modified Tree	Moderate	All sites have cultural value	Disturbance Area B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, Modified Tree can only be impacted due to permanent works or Vegetation Clearance Requirements (VCRs). If removal is required, 3D scanning is to occur (AH5).	No change to impact
PEC-E-50 (AHIMS #55-1-0060)	Hearth	Moderate	All sites have cultural value	Disturbance Area A (centreline only)	Potential Direct	Partial loss	If avoidance of hearth not practicable, photographic recording and sampling (AH6)	No change to impact
PEC-E-51 (AHIMS #55-1-0061)	Isolated Find	Low	All sites have cultural value	Disturbance Area A (tower access point and track only) and B	Direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	Change in impact from Disturbance Area A track upgrade only
PEC-E-52 (AHIMS #55-1-0062)	Artefact Scatter (50)	Moderate	All sites have cultural value	Disturbance Area B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	Change in impact from Disturbance Area A track upgrade only
PEC-E-53 (AHIMS #55-1-0063)	Isolated Find	Low	All sites have cultural value	Disturbance Area B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	Change in impact from Disturbance



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
								Area A track upgrade only
PEC-E-54 (AHIMS #55-1-0064)	Isolated Find	Moderate	All sites have cultural value	Disturbance Area B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	No change to impact
PEC-E-55 (AHIMS #55-2-0089)	Isolated Find	Low	All sites have cultural value	Disturbance Area A	Direct	Total loss	Surface collection (AH6)	Change in impact from Disturbance Area A track upgrade only
PEC-E-56 (AHIMS #55-2-0090)	Earth Mound	Moderate	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Partial loss	Exclusion zone (AH7)	No change to impact
PEC-E-57 (AHIMS #55-2-0082)	Isolated Find, Earth Mound, Hearth	Moderate	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Partial loss	Exclusion zone (AH7)	Forms part of PEC-E-PAD29 No change to impact
PEC-E-58 (AHIMS #55-2-0083)	Isolated Find	Moderate	All sites have cultural value	Disturbance Area A (track only) and B	Potential Direct	Total loss	Surface collection (AH6)	Change in impact from Disturbance Area A track upgrade only
PEC-E-59 (AHIMS #55-2-0084)	Artefact Scatter (5)	Moderate	All sites have cultural value	Disturbance Area A (centreline only) and B	Potential Direct	Partial loss	Surface collection (AH6)	Forms part of PEC-E-PAD30 No change to impact



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-60 (AHIMS #55-2-0085)	Artefact Scatter (8)	Moderate	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Surface collection (AH6)	Forms part of PEC-E-PAD32 Change in impact from Disturbance Area A and B
PEC-E-61 (AHIMS #55-2-0086)	Isolated Find	Low	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Total loss	Exclusion zone (AH7)	No change to impact
PEC-E-62 (AHIMS #55-2-0087)	Modified Tree	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	No change to impact
PEC-E-63 (AHIMS #55-2-0088)	Artefact Scatter (20)	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	Forms part of PEC-E-PAD34 No change to impact
PEC-E-64 (AHIMS #55-3-0186)	Artefact Scatter (9)	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	Forms part of PEC-E-PAD35 No change to impact
PEC-E-65 (AHIMS #55-3-0187)	Isolated Find	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	Forms part of PEC-E-PAD35 No change to impact



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-66 (AHIMS #55-3-0188)	Artefact Scatter (4)	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	Forms part of PEC-E-PAD35 No change to impact
PEC-E-67 (AHIMS #55-3-0189)	Isolated Find	Low	All sites have cultural value	Disturbance Area A (centreline only) and B	Potential direct	Partial loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	Change in impact from Disturbance Area A centreline only
PEC-E-68 (AHIMS #55-3-0190)	Isolated Find	Low	All sites have cultural value	Disturbance Area A (centreline only) and B	Potential direct	Partial loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	Change in impact from Disturbance Area A centreline only
PEC-E-69 (AHIMS #55-3-0191)	Isolated Find	Low	All sites have cultural value	Disturbance Area B	Potential direct	Partial loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	No change to impact
PEC-E-70 (AHIMS #55-3-0192)	Artefact Scatter (10)	Moderate	All sites have cultural value	Disturbance Area A (centreline only)	Potential direct	Partial loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	Forms part of PEC-E-PAD36 No change to impact
PEC-E-71 (AHIMS #55-3-0193)	Isolated Find	Low	All sites have cultural value	Disturbance Area A (centreline only)	Potential direct	Partial loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	No change to impact



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-72 (AHIMS #55-3-0194)	Isolated Find	Low	All sites have cultural value	Not impacted	No impact	No loss	Nil	No change to impact
PEC-E-73 (AHIMS #55-3-0195)	Isolated Find	Low	All sites have cultural value	Not impacted	No impact	No loss	Nil	No change to impact
PEC-E-74 (AHIMS #55-3-0171)	Artefact scatter and Modified tree	Moderate	All sites have cultural value	Disturbance Area A and B	Direct	Partial loss	Exclusion zone (AH7) for site/s in construction impact area and no direct impact If avoidance of artefact scatter not practicable, surface collection (AH6) Modified Tree – can only be impacted due to permanent works or Vegetation Clearance Requirements (VCRs). If removal cannot be avoided, 3D scanning is to occur (AH5).	Forms part of PEC-E-PAD38/39 No change to impact
PEC-E-75 (AHIMS #55-3-0172)	Isolated Find	Low	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Total loss	Exclusion zone (AH7) . This site is on an access track that may need to be utilised therefore if avoidance not possible then surface collection (AH6)	Change in impact from Disturbance Area A track upgrade only



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-76 (AHIMS #55-3-0173)	Modified Tree	Moderate	All sites have cultural value	Disturbance Area B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, Modified Tree can only be impacted due to permanent works or Vegetation Clearance Requirements (VCRs). If removal is required, 3D scanning is to occur (AH5).	No change to impact
PEC-E-77 (AHIMS #55-3-0174)	Modified Tree	Moderate	All sites have cultural value	Disturbance Area B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, Modified Tree can only be impacted due to permanent works or Vegetation Clearance Requirements (VCRs). If removal is required, 3D scanning is to occur (AH5).	No change to impact
PEC-E-78 (AHIMS #55-3-0175)	Modified Tree	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	No change to impact
PEC-E-79 (AHIMS #55-3-0176)	Isolated Find	Low	All sites have cultural value	Disturbance Area B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	No change to impact



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-80 (AHIMS #55-3-0177)	Artefact Scatter (5)	Moderate	All sites have cultural value	Disturbance Area A (centreline only) and B	Potential Direct	Partial loss	Surface collection (AH6)	Forms part of PEC-E-PAD40 Change in impact from Disturbance Area A and B
PEC-E-81 (AHIMS #55-3-0178)	Isolated Find	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	Forms part of PEC-E-PAD40 No change to impact
PEC-E-82 (AHIMS #55-3-0179)	Isolated Find	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	Forms part of PEC-E-PAD40 No change to impact
PEC-E-83 (AHIMS #55-3-0180)	Artefact Scatter (20)	Moderate	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Surface collection (AH6)	Forms part of PEC-E-PAD40 Change in impact from Disturbance Area A and B
PEC-E-84 (AHIMS #55-3-0181)	Isolated Find	Moderate	All sites have cultural value	Disturbance Area B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	Forms part of PEC-E-PAD40 No change to impact



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-85 (AHIMS #55-3-0182)	Isolated Find	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	Forms part of PEC-E-PAD40 No change to impact
PEC-E-86 (AHIMS #55-3-0183)	Isolated Find	Moderate	All sites have cultural value	Disturbance Area B	Potential direct	Partial loss	Surface collection (AH6)	Forms part of PEC-E-PAD40 Change in impact from Disturbance Area A track upgrade only
PEC-E-87 (AHIMS #55-3-0184)	Isolated Find	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	Forms part of PEC-E-PAD40 No change to impact
PEC-E-88 (AHIMS #55-3-0185)	Isolated Find	Low	All sites have cultural value	Disturbance Area B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	No change to impact
PEC-E-89 (AHIMS #56-1-0685)	Isolated Find	Moderate	All sites have cultural value	Disturbance Area B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	Forms part of PEC-E-PAD43 No change to impact
PEC-E-90 (AHIMS #56-1-0686)	Artefact Scatter (2)	Low	All sites have cultural value	Disturbance Area A	Direct	Total loss	Surface collection (AH6)	Change in impact from Disturbance



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
								Area A works area only
PEC-E-91 (AHIMS #56-1-0687)	Isolated Find	Low	All sites have cultural value	Disturbance Area A (centreline only) and B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	No change to impact
PEC-E-92 (AHIMS #56-1-0744)	Isolated Find	Low	All sites have cultural value	Not Impacted	No impact	No loss	Nil	No change to impact
PEC-E-93 (AHIMS #48-6-0228)	Isolated Find	Low	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Total loss	Exclusion zone (AH7)	Forms part of PEC-E-PAD43 No change to impact
PEC-E-94 (AHIMS #48-6-0227)	Isolated Find	Low	All sites have cultural value	Disturbance Area A	Direct	Total loss	Surface collection (AH6)	No change to impact
PEC-E-95 (AHIMS #55-1-0131)	Artefact scatter	Low	All sites have cultural value	Disturbance Area A	Direct	Total loss	Surface collection (AH6)	No change to impact
PEC-E-96 (AHIMS #55-3-0202)	Artefact scatter	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	No change to impact
PEC-E-97 (AHIMS #48-6-0226)	Isolated Find	Low	All sites have cultural value	Disturbance Area A (centreline only) and B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	No change to impact



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-98 (AHIMS #48-6-0224)	Isolated find, Hearth	Moderate	All sites have cultural value	Disturbance Area B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance of isolated find not practicable, surface collection (AH6) If avoidance of hearth not practicable, photographic recording and sampling (AH6)	No change to impact
PEC-E-99 (AHIMS #48-6-0225)	Artefact scatter	Low	All sites have cultural value	Disturbance Area B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	Change in impact from Disturbance Area A works area only and disturbance Area B
PEC-E-100 (AHIMS #48-6-0223)	Artefact scatter (10+) and Hearth	Moderate	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Surface collection of artefact scatter (AH6) If avoidance of hearth not practicable, photographic recording and sampling (AH6)	Change in impact from Disturbance Area A and B
PEC-E-101 (AHIMS #48-6-0222)	Isolated Find	Low	All sites have cultural value	Disturbance Area B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	Change in impact from Disturbance Area A works area only and disturbance Area B



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-102 (AHIMS #48-5-0582)	Artefact scatter	Low	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Surface collection (AH6) for portions of artefact scatter directly impacted	Change in impact from Disturbance Area A and B
PEC-E-103 (AHIMS #48-5-0581)	Hearths	Moderate	All sites have cultural value	Disturbance Area A (centreline and track only) and B	Potential Direct	Partial loss	Exclusion zone (AH7). If avoidance of hearths not practicable, photographic recording and sampling (AH6)	Change in impact from Disturbance Area A centreline only and disturbance Area B
PEC-E-104 (AHIMS #48-5-0580)	Isolated Find	Low	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Total loss	Exclusion zone (AH7)	No change to impact
PEC-E-105 (AHIMS #48-5-0579)	Artefact Scatter, hearths and Modified Trees	Moderate	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Exclusion zone (AH7) for site/s in construction impact area and no direct impact If avoidance of artefact scatter not practicable, surface collection (AH6) Modified Tree – can only be impacted due to permanent works or Vegetation Clearance Requirements (VCRs). If removal cannot be	Change in impact from Disturbance Area A and B



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
							avoided, 3D scanning is to occur (AH5).	
BU-IF-001 (AHIMS #47-4-0331)	Isolated Find	Low	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Total loss	Exclusion zone (AH7)	No change to impact
BU-IF-002 (AHIMS #47-5-0047)	Isolated Find	Low	All sites have cultural value	Disturbance Area A (access track only)	Potential Direct	Total loss	Surface collection (AH6)	Site could not be located in surveys carried out for the Revised ACHAR Change in impact from Disturbance Area A
BU-IF-003 (AHIMS #47-5-0048)	Isolated Find	Low	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Total loss	Exclusion zone (AH7) in the first instance. This site is immediately adjacent to a tower location therefore if avoidance is not practicable then surface collection (AH6)	No change to impact
Transmission Line 7 (AHIMS #47-5-0008)	Artefacts scatter, Mounds, Hearths	Moderate	All sites have cultural value	Disturbance Area A (access track only)	Potential Direct	Partial loss	Surface collection (AH6). If avoidance of hearths and mounds not practicable, photographic recording and sampling (AH6)	Forms part of PEC-E-PAD3 Change in impact from



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
								Disturbance Area A and B
Transmission Line 3 (AHIMS #47-6-0603), Transmission Line 4 (AHIMS #47-6-0604), Transmission Line 5 (AHIMS #47-6-0605), Transmission Line 6 (AHIMS #47-6-0606), and Limondale 12 (AHIMS #47-6-0832)	Hearths	Moderate	All sites have cultural value	Disturbance B (47-6-0832 only). Other sites are not directly impacted, adjacent to impact areas	Potential direct (47-6-0832) No impact (other sites)	Total loss (Partial loss) (47-6-0832) No loss (other sites)	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6) (47-6-0832 only)	No change to impact
D-B#22; Booroorban (AHIMS #48-5-0022)	Modified tree – destroyed	Site destroyed					Nil	N/A
Boiling Down Road 1 (AHIMS #56-1-0001)	Modified tree	Site destroyed					Nil	N/A
WW105 (AHIMS #56-1-0080)	Modified tree	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	New site not identified in Revised ACHAR
Plumpton Road 2370 (AHIMS #56-1-0559)	Modified tree	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	New site not identified in



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
								Revised ACHAR
Plumpton Road 2381 (AHIMS #56-1-0560)	Modified tree	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	New site not identified in Revised ACHAR
Plumpton Road 236 (AHIMS #56-1-0561)	Modified tree	Moderate	All sites have cultural value	Not impacted	No impact	No loss	Nil	New site not identified in Revised ACHAR
PEC-E-PAD01	PAD	Not a PAD						This PAD was tested and no artefacts were found
PEC-E-PAD02	PAD	Not a PAD in construction impact area	All sites have cultural value	Not impacted	No impact	No loss		
PEC-E-PAD03	PAD	Moderate to low in area tested	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD04	PAD	Not a PAD						This PAD was tested and no artefacts were found
PEC-E-PAD05	PAD	Not a PAD						This PAD was tested and no



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
								artefacts were found
PEC-E-PAD06	PAD	Not a PAD						This PAD was tested and no artefacts were found
PEC-E-PAD07	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Disturbance Area A (centreline and access track only) and B	Potential direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD08	PAD	Low in area tested	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD09	PAD	Not a PAD						This PAD was tested and no artefacts were found
PEC-E-PAD10	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Disturbance Area B	Indirect	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD11	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Disturbance Area B	Indirect	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-PAD12	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Disturbance Area A (centreline) and B	Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD13	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Disturbance Area B	Potential direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD14	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Disturbance Area A (track upgrade only)	Potential direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD15	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Not impacted	No impact	No loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD16	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Disturbance Area A (centreline and access track only) and B	Potential Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD17	PAD	Not a PAD						This PAD was tested and no artefacts were found
PEC-E-PAD18	PAD	Moderate in area tested	All sites have cultural value	Disturbance Area A (centreline and access track only) and B	Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-PAD19	PAD	Low to moderate in area tested	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD20	PAD	Low in area tested	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD21	PAD	Low in area tested	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD22	PAD	Moderate in area tested	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD23	PAD	Low in area tested	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD24	PAD	Low in area tested	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-PAD25	PAD	Low in area tested	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD26	PAD	Low in area tested	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD27	PAD	Low in area tested	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD28	PAD	Not a PAD						This PAD was tested and no artefacts were found
PEC-E-PAD29	PAD	Low in area tested	All sites have cultural value	Disturbance Area A (centreline and access track only) and B	Potential Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD30	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Disturbance Area A (centreline and maintenance of Coonong Road only) and B	Potential direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-PAD31	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Disturbance Area A (centreline only) and B	Potential direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD32	PAD	Moderate in area tested	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD33	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD34	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Not impacted	No impact	No loss	Nil	
PEC-E-PAD35	PAD	Low in area tested	All sites have cultural value	Disturbance Area A (centreline and access track only) and B	Potential Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD36	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Disturbance Area A (centreline only) and B	Potential direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD37	PAD	Not subject to archaeological	All sites have cultural value	Disturbance Area A	Potential direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation	



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
		subsurface testing		(centreline only) and B			measures and further information	
PEC-E-PAD38/39	PAD	Low in area tested	All sites have cultural value	Disturbance Area A (centreline and access tracks only) and B	Potential Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD40	PAD	Moderate in area tested	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD41	PAD	Not a PAD						This PAD was tested and no artefacts were found
PEC-E-PAD42	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Disturbance Area A (including centreline) and B	Direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD43	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Disturbance Area A (centreline only) and B	Potential direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD44	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Not impacted	No impact	No loss	Nil	



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance (if impacted)	Mitigation measure	Notes
PEC-E-PAD45	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Camp and Laydown (Asset Protection Zone)	Potential direct	Partial loss	Refer to Table 8-2 for PAD specific mitigation measures and further information	
PEC-E-PAD46	PAD	Not subject to archaeological subsurface testing	All sites have cultural value	Not impacted	No impact	No loss	Nil	

Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance	Mitigation measure	Notes
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New Sites recorded as part of this current survey effort

PEC-E-106 (AHIMS #47-4-0335)	Dune with human burial and archaeological animal remains	High (local)	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Partial loss	Exclusion zone (AH7) and access restrictions (AH16). No road widening (AH14) and limit ground disturbance to existing road surface (AH15). Awareness training for relevant project personnel (AH10)	
PEC-E-107 (AHIMS #47-4-0336)	Hearth complex and PAD	Moderate (local)	All sites have cultural value	Disturbance Area A (track upgrade and access point)	Potential direct	Partial loss	Exclusion zone (AH7) and access restrictions (AH16). No road widening (AH14) and limit ground	



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance	Mitigation measure	Notes
							disturbance to existing road surface (AH15). Awareness training for relevant project personnel (AH10).	
PEC-E-108 (AHIMS #47-4-0337)	Hearth complex and PAD	Moderate (local)	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Partial loss	Exclusion zone (AH7) and access restrictions (AH16). No road widening (AH14) and limit ground disturbance to existing road surface (AH15). Awareness training for relevant project personnel (AH10).	
PEC-E-109 (AHIMS #47-4-0338)	Artefact and PAD	Moderate (local)	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Partial loss	Exclusion zone (AH7) and access restrictions (AH16). No road widening (AH14) and limit ground disturbance to existing road surface (AH15). Awareness training for relevant project personnel (AH10).	
PEC-E-110 (AHIMS #55-1-0066)	Artefact scatter & hearth	Moderate (local)	All sites have cultural value	Disturbance Area B	Potential direct	Total loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance	Mitigation measure	Notes
PEC-E-111 (AHIMS #55-1-0067)	Artefact scatter	Moderate (local)	All sites have cultural value	Disturbance Area A and B	Direct	Partial loss	Portion of site directly impacted: Surface collection (AH6) Portions of site not directly impacted: Exclusion zone (AH7)	
PEC-E-112 (AHIMS #55-1-0065)	Artefact	Low (local)	All sites have cultural value	Not impacted	No impact	No loss	Nil	
PEC-E-113 (AHIMS #48-5-0532)	Artefact scatter	Low (local)	All sites have cultural value	Not impacted	No impact	No loss	Nil	
PEC-E-114 (AHIMS #55-2-0091)	Hearth	Moderate (local)	All sites have cultural value	Not impacted	No impact	No loss	Nil	
PEC-E-115 (AHIMS #55-3-0201)	Artefact scatter and PAD	Moderate (local)	All sites have cultural value	Disturbance Area B	Potential direct	Partial loss	Exclusion zone (AH7). If avoidance not practicable, surface collection (AH6)	
PEC-E-116 (AHIMS #55-3-0199)	Artefact scatter and PAD	Low (local)	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Partial loss	Exclusion zone (AH7)	
PEC-E-117 (AHIMS #55-3-0200)	Isolated find	Low (local)	All sites have cultural value	Disturbance Area B	Potential direct	Total loss	Exclusion zone (AH7).	



Site number	Feature(s)	Scientific Significance	Cultural significance	Impact zone	Impact type	Potential loss of significance	Mitigation measure	Notes
							If avoidance not practicable, surface collection (AH6)	
PEC-E-118 (AHIMS #56-1-0732)	Artefact scatter	Low (local)	All sites have cultural value	Not directly impacted, adjacent to impact areas	Indirect impact	Partial loss	Nil	



Table 7-2 Justification of impact for each impacted site

Site	Feature(s)	Impact justification
PEC-E-06	Hearth (2)	Centreline passes directly through site extent (unavoidable). Hearths are located either side of the 10-metre-wide centreline (partial clearing zone) where vegetation present is unlikely to require clearing. There is potential that direct impact to the hearths can be avoided or at least minimised substantially.
PEC-E-24	Isolated Find, Hearth	Potential impact to site extent due to centreline (impact to artefact unavoidable) and access track along fence line assessed in the EIS/Revised ACHAR (hearth). Hearth is immediately adjacent to proposed access track. There is potential that direct impact to the hearth can be avoided or at least minimised substantially.
PEC-E-27	Artefact Scatter (5), Hearth (6)	Site extent impacted by centreline and tower footprint. Tower location is on higher ground adjacent to drainage gully/watercourse (most suitable location for construction and operation). Tower footprint potentially misses identified heritage items. The original tower at this location (assessed in the Revised ACHAR) has been moved to the west, minimising direct impacts to PEC-E-PAD18 and numerous artefacts and hearths within site PEC-E-28 (impacts avoided and minimised).
PEC-E-28	Artefact Scatter (25), Hearth (9)	Site is within PEC-E-PAD18. Site extents impacted by centreline and access track (as considered in Revised ACHAR). The original tower in this site has been moved to the west to a location outside of site and PAD minimising impacts to PAD and numerous artefacts and hearths present (impact and avoided and minimised).
PEC-E-31	Isolated Find, Hearth (5)	Centreline passes directly through site extent (unavoidable). Hearths and artefact are located either side of the 10-metre-wide centreline (partial clearing zone) in locations where vegetation present is unlikely to require clearing. Impacts to artefact and most hearth locations unlikely. Strong potential that direct impacts to artefact and hearth can be avoided or at least minimised substantially.
PEC-E-35	Artefact Scatter (3)	Artefacts immediately adjacent to access track. Associated site extends into the existing access track. Access track was considered and assessed in Revised ACHAR. This is the only access from the eastern end of West Burrabogie Road north to the alignment. There is no access to the alignment from the public road network within 15km either side of the construction location this access track would provide access to. Aerial imagery datasets place existing access track in different locations relative to the site and artefacts. There might be potential to avoid impacts to artefacts. Avoidance or impact to be confirmed by archaeologist and RAPs when considering exclusion zones (per mitigation measure AH7). Impact avoidance if practicable.



Site	Feature(s)	Impact justification
PEC-E-36	Artefact Scatter (100) Hearth (30), Modified Tree (3)	Large site associated with PEC-E-PAD22. Majority of known heritage items in locations outside of direct impact areas (unlikely to be impacted). Site affected by centreline and three towers (unavoidable). Two of three towers in locations unlikely to impacts known heritage items. Change in direction of transmission line at Tower 180 limits options for relocation of Tower 177 along alignment to location that would not impact known heritage items. Original tower in eastern extent of the site moved east outside extent of site/PAD. Use of existing access tracks to minimise impacts (impacts avoided and minimised). Table 8-2 recommends further testing and possible salvage.
PEC-E-37	Artefact Scatter (12), Hearth (10)	Large site associated with PEC-E-PAD23. Site affected by two towers, centreline and access tracks (unavoidable). Revised tower locations avoid known heritage items. Existing access track on adjacent transmission line easement to be used to minimise additional disturbance. Many of known heritage items in locations outside of direct impact areas (unlikely to be impacted). Table 8-2 recommends further testing and possible salvage.
PEC-E-38	Artefact Scatter (6)	Centreline passes directly through site. Artefacts are within 10-metre-wide centreline corridor (impacts unavoidable).
PEC-E-39	Artefact Scatter (30)	Large site extent with two artefact scatters. Site extends into 10-metre-wide centreline area and into proposed access track along easement edge (unavoidable). Artefact locations, however, are in partial clearing zone in location where vegetation present is unlikely to require clearing. There is strong potential that direct impact to the artefacts can be avoided or at least minimised substantially.
PEC-E-40	Isolated Find	Site extent overlaps proposed access track, but artefact is likely adjacent to (outside of) access track extent. There is strong potential that direct impact to the artefact can be avoided. Avoidance or impact to be confirmed by archaeologist and RAPs when considering exclusion zones (per mitigation measure AH7). Impact avoidance if practicable.
PEC-E-41	Isolated Find	Centreline passes directly through site. Artefact is within 10-metre-wide centreline corridor and directly affected by transmission line centreline (impact unavoidable).
PEC-E-45	Artefact Scatter (3)	Centreline passes directly through site. Artefacts at edge of and within 10-metre-wide centreline corridor (direct impact potentially unavoidable). Avoidance or impact to be confirmed by archaeologist and RAPs when considering exclusion zones (per mitigation measure AH7). Impact avoidance if practicable.
PEC-E-50	Hearth	Centreline passes directly through site. Hearth is within 10-metre-wide centreline corridor and directly affected by transmission line centreline (impact unavoidable).



Site	Feature(s)	Impact justification
PEC-E-51	Isolated Find	Access to adjacent tower from Bundure Road affects site extent (unavoidable). But artefact is at edge of potential disturbance area adjacent to site access. There is potential that direct impact to the artefacts can be avoided or at least minimised substantially. Avoidance or impact to be confirmed by archaeologist and RAPs when considering exclusion zones (per mitigation measure AH7). Impact avoidance if practicable.
PEC-E-55	Isolated Find	Site is located on or adjacent to existing access track (aerial imagery datasets differ at this location) and within extent of tower construction footprint (Tower 276) in area mapped as habitat for threatened flora species listed under BC Act and EPBC Act. Spans length maximised (fewer towers) in section to minimise biodiversity impacts. Presence of change in transmission line direction at towers to immediate west (Tower 277) minimises option to relocate Tower 276 to avoid site/artefact impact. Likely that impact to artefact unavoidable.
PEC-E-58	Isolated Find	Site extent overlaps proposed access track, but artefact is likely immediately adjacent to (outside of) access track extents. There is strong potential that direct impact to the artefact can be avoided. Avoidance or impact to be confirmed by archaeologist and RAPs when considering exclusion zones (per mitigation measure AH7). Impact avoidance if practicable.
PEC-E-59	Artefact Scatter (3)	Site associated with PEC-E-PAD30. Centreline passes through site (unavoidable). Artefacts, however, are in partial clearing zone in locations where vegetation present is unlikely to require clearing. There is strong potential that direct impact to the artefacts can be avoided or at least minimised substantially. Avoidance or impact to be confirmed by archaeologist and RAPs when considering exclusion zones (per mitigation measure AH7). Impact avoidance if practicable.
PEC-E-60	Artefact Scatter (8)	Large site associated with PEC-E-PAD32 and PEC-E-PAD33. Centreline, two towers and access required within site. Changes in transmission line direction within and outside of site prevent tower relocation options. Impacts to artefact scatter locations within footprint of Tower 245 Tower 244 unavoidable. Other artefact scatters in partial clearing zone in locations where vegetation present is unlikely to require clearing. There is strong potential that direct impact to the artefacts can be avoided or at least minimised substantially. Avoidance or impact to be confirmed by archaeologist and RAPs when considering exclusion zones (per mitigation measure AH7). Impact avoidance if practicable.
PEC-E-74	Artefact scatter and Modified tree	Large site associated with PEC-E-PAD38/39. Site affected by part of construction footprint for one tower and a small part of the 10-metre-wide centreline area. Changes in transmission line direction at adjacent tower and generally alignment prevent tower relocation to avoid impact to site. However, no known artefact locations would be directly impacted. Avoidance or impact to be confirmed by archaeologist and RAPs when considering exclusion zones (per mitigation measure AH7). Impact avoidance if practicable.



Site	Feature(s)	Impact justification
PEC-E-80	Artefact Scatter (5)	Large site associated with PEC-E-PAD40. Centreline passes through site extent (unavoidable). All but two artefact locations outside 10-metre-wide centreline area and no clearing required in partial clearing zone (not impacted). Proposed access track in vicinity located outside site extent. Original tower within site now relocated outside site extent (impacts avoided and minimised).
PEC-E-83	Artefact Scatter (20)	Large site associated with PEC-E-PAD40. Centreline passes through and towers required within site extent (unavoidable due to length of site along alignment). Table 8-2 recommends further testing and possible salvage.
PEC-E-90	Artefact Scatter (2)	Small site located within tower construction footprint. Presence of transmission line change in direction at Tower 30 to the west, tower span length and design optimisation prevents tower relocation to avoid impact to site.
PEC-E-94	Isolated Find	Small site associated with PEC-E-PAD26. Within tower construction footprint subject to test excavation during preparation of Revised ACHAR, which provided clearance for the identified level of impact per the assumed disturbance category. Changing tower location would affect three towers within PAD and require additional test excavation.
PEC-E-95	Artefact Scatter	Small site associated with PEC-E-PAD27a and within tower construction footprint. Tower location subject to test excavation during preparation of the Revised ACHAR which provided clearance for the identified level of impact per the assumed disturbance category. Presence of Plains-wanderer Important Habitat between tower and adjacent tower limits relocation options for tower to avoid site. Alternative location within PAD would require further test excavation.
PEC-E-100	Artefact scatter (10+) and Hearth	Large site immediately west of Jerilderie Road and affected by tower, access and centreline. EIS design included a tower and access within this site. Access located outside site extent. Tower location and span lengths optimised to provide suitable clearance over Jerilderie Road, but tower remains within site extent. Known heritage item locations potentially outside or at edge of direct disturbance area. There is strong potential that direct impact to the item locations can be avoided or at least minimised substantially. Avoidance or impact to be confirmed by archaeologist and RAPs when considering exclusion zones (per mitigation measure AH7). Impact avoidance if practicable.
PEC-E-102	Artefact Scatter	Centreline and access track pass through site (as assessed in Revised ACHAR). One artefact location within 10-metre-wide centreline area (impact unavoidable) but the other outside project site. Access track alignment avoids locations of know heritage items within site. Original tower located within site has been relocated outside of site extent (impact avoidance and minimisation).



Site	Feature(s)	Impact justification
PEC-E-103	Hearths	Centreline and access track pass through site (as assessed in Revised ACHAR) (unavoidable). Artefact locations adjacent to but outside extents of 10-metre-wide centreline area and access track extent. There is potential that direct impact to the artefacts can be avoided or at least minimised substantially. Avoidance or impact to be confirmed by archaeologist and RAPs when considering exclusion zones (per mitigation measure AH7). Impact avoidance if practicable.
PEC-E-105	Artefact Scatter, hearths and Modified Trees	Large site. Centreline passes through and tower located within site (as assessed in the Revised ACHAR). Five modified (scarred) trees likely impacted to provide safe clearances to overhead transmission lines (unavoidable). All but one artefact in locations where clearing and disturbance unlikely. Tower location in similar location to location assessed in Revised ACHAR. Avoidance or impact to be confirmed by archaeologist and RAPs when considering exclusion zones (per mitigation measure AH7). Impact avoidance if practicable.
PEC-E-111	Artefact Scatter	Site affected by centreline and tower construction footprint. Transmission line changes direction at Tower 301, so there are no relocation options to avoid impacts (would change alignment). Reasonable options to avoid impacts to part of site and any associated artefacts outside the tower construction footprint. Avoidance or impact to be confirmed by archaeologist and RAPs when considering exclusion zones (per mitigation measure AH7). Impact avoidance if practicable.
BU-IF-002 (AHIMS #47-5-0047)	Isolated Find	Site could not be located in surveys carried out for the Revised ACHAR. Impacts unlikely given the circumstances.
Transmission Line 7 (AHIMS #47-5-0008)	Artefacts scatter, Mounds, Hearths	Forms part of PEC-E-PAD03 (see below)
PEC-E-PAD03	PAD	Alignment traverses PAD (impacts unavoidable). Tower within PAD (assessed in Revised ACHAR). Size/extent of PAD and change in direction of transmission line at adjacent tower prevent tower relocation outside PAD.
PEC-E-PAD08	PAD	Alignment traverses PAD (impacts unavoidable). Two towers within PAD (assessed in Revised ACHAR). Size/extent of PAD and change in direction of transmission line at Tower 439 prevents tower relocation outside PAD.
PEC-E-PAD12	PAD	Alignment traverses PAD (impacts unavoidable). Tower construction footprint of adjacent tower minimised to avoid direct impacts within PAD. Access track relocated outside of PAD. Access along centreline within PAD unavoidable to facilitate stringing.
PEC-E-PAD16	PAD	Alignment traverses PAD (impacts unavoidable). Tower relocation so that only very edge impacts PAD. Access along centreline within PAD unavoidable to facilitate stringing. Access through PAD along easement necessary due to size of PAD and extent outside project site.



Site	Feature(s)	Impact justification
PEC-E-PAD18	PAD	Alignment traverses PAD (impacts unavoidable). Original tower relocated outside of PAD. Access along centreline within PAD unavoidable to facilitate stringing. Access through PAD along easement necessary due to size of PAD and extent outside project site.
PEC-E-PAD19	PAD	Alignment traverses PAD (impacts unavoidable). Two towers, centreline and access required through PAD (assessed in Revised ACHAR). Size/extent of PAD prevents tower relocation outside PAD. Access along centreline within PAD unavoidable to facilitate stringing. Access through PAD along easement necessary due to size of PAD and extent outside project site.
PEC-E-PAD20	PAD	Alignment traverses PAD (impacts unavoidable). Tower, centreline and access required through PAD (assessed in Revised ACHAR). Size/extent of PAD prevents tower relocation outside PAD. Access along centreline within PAD unavoidable to facilitate stringing. Access through PAD along easement necessary due to size of PAD and extent outside project site. Table 8-2 recommends further testing and possible salvage.
PEC-E-PAD21	PAD	Alignment traverses PAD (impacts unavoidable). Two towers, centreline and access required through PAD (assessed in Revised ACHAR). Access along centreline within PAD unavoidable to facilitate stringing. Access through PAD along easement necessary due to size of PAD and extent outside project site.
PEC-E-PAD22	PAD	Alignment traverses PAD (impacts unavoidable). Three towers, centreline and access tracks within PAD (assessed in Revised ACHAR). Change in direction of transmission line within PAD at Tower 180 limits options for tower relocation. Original tower in eastern extent of the site moved east outside extent of site/PAD. Use of existing access tracks to minimise impacts (impacts avoided and minimised). Access along centreline within PAD unavoidable to facilitate stringing. Access through PAD along easement necessary due to size of PAD and extent outside project site. Table 8-2 recommends further testing and possible salvage.
PEC-E-PAD23	PAD	Alignment traverses PAD (impacts unavoidable). Two towers, centreline and access required through PAD (assessed in Revised ACHAR). Size/extent of PAD and presence of Eurolie Creek intersecting alignment prevents relocation of towers outside PAD. Access along centreline within PAD unavoidable to facilitate stringing. Access through PAD along easement necessary due to size of PAD and extent outside project site. Access track follows the general alignment of the existing access track on adjacent transmission line easement.
PEC-E-PAD24	PAD	Alignment traverses PAD (impacts unavoidable). Tower, centreline and access required through PAD, locations as per Revised ACHAR, which provided clearance for the identified level of impact per the assumed disturbance category.
PEC-E-PAD25	PAD	Alignment traverses PAD (impacts unavoidable). Two towers, centreline and access required through PAD (assessed in Revised ACHAR). Size/extent of PAD prevents relocation of towers outside PAD.



Site	Feature(s)	Impact justification
PEC-E-PAD26	PAD	Alignment traverses PAD (impacts unavoidable). Three towers, centreline and access required through PAD, locations as per Revised AHAR, which provided clearance for the identified level of impact per the assumed disturbance category. Size/extent of PAD prevents relocation of towers outside PAD. Access along centreline within PAD unavoidable to facilitate stringing. Access through PAD along easement necessary due to size of PAD and extent outside project site.
PEC-E-PAD27	PAD	Alignment traverses PAD (impacts unavoidable). Two towers, centreline and access required through PAD, locations as per Revised AHAR, which provided clearance for the identified level of impact per the assumed disturbance category. Size/extent of PAD and presence of Plains-wanderer Important Habitat in vicinity prevents relocation of towers outside PAD.
PEC-E-PAD29	PAD	Alignment traverses PAD (impacts unavoidable). Towers located outside PAD. Access along centreline within PAD unavoidable to facilitate stringing. Access through PAD necessary due to watercourse present.
PEC-E-PAD31	PAD	Alignment traverses PAD (impacts unavoidable). No tower in PAD, but centreline clearing required (unavoidable).
PEC-E-PAD32	PAD	Alignment traverses PAD (impacts unavoidable). Tower and access within PAD, locations similar to Revised ACHAR. Changes in alignment at towers either side of tower and span lengths prevent tower relocation outside of PAD.
PEC-E-PAD33	PAD	Corner of tower construction footprint only impacts very edge of PAD. As tower is at change of direction, relocation outside of PAD is not possible without resultant alignment change.
PEC-E-PAD35	PAD	Alignment traverses PAD (impacts unavoidable). No towers within PAD. Access along centreline within PAD unavoidable to facilitate stringing. Access through PAD along easement necessary due to size of PAD and extent outside project site.
PEC-E-PAD38/39	PAD	Alignment traverses PAD (impacts unavoidable). Towers, centreline area and access within PAD, locations as per Revised ACHAR, which provided clearance for the identified level of impact per the assumed disturbance category. Size/extent of PAD and presence of alignment change within PAD prevents relocation of towers outside of the PAD.
PEC-E-PAD42	PAD	Alignment traverses PAD (impacts unavoidable). Tower and centreline within PAD. Presence of Bullenbong Road and Burkes Creek intersecting the alignment and maximum span length prevents relocation tower outside of PAD.



8 Conclusion and recommendations

The impacts to Aboriginal heritage should be managed through the approved Construction Heritage Management plan including the following:

- AH1 Impact avoidance where reasonable and feasible
- AH2 Continued consultation with the RAPs per the recommended mitigation measures
- AH6 Collection of surface Aboriginal objects
- AH6 Photographic recording of hearths and sampling
- AH6 PAD salvage excavation
- AH11 Implementation of an Aboriginal heritage unexpected finds protocol.

Specific recommendations for new sites and for all PADs are provided in Table 8-1. Where the recommendation is covered by an existing mitigation measure from the Revised ACHAR, the mitigation measure is indicated in the recommendation.

Updated recommendation for the PADs, based on the assessment of the revised design and construction impact area, are provided in Table 8-2 and Appendix 4.

The mitigation measures from the Revised ACHAR, updated to include the recommendations for the new sites, are provided in Table 8-3.

Table 8-1 Specific recommendations for new sites

No.	Recommendation	Sites
1	No widening of Benanee Road. If regrading of Benanee Road is required, spoil would be pushed to the opposite side of the road to the sites present.	PEC-E-106, PEC-E-107, PEC-E-108, PEC-E-109
2	Limit ground disturbance associated with road maintenance/surface rectification of Benanee Road to within the existing graded unpaved road surface and immediately adjacent wayside/verge areas.	PEC-E-106, PEC-E-107, PEC-E-108, PEC-E-109
3	Install 'No Go' signage in road wayside/verge either side of site extents (RMM AH7).	PEC-E-106, PEC-E-107, PEC-E-108, PEC-E-109, PEC-E-118
4	Install 'No Go' signage on Benanee Road at northern extent of construction area for the transmission line crossing to prevent project-related vehicles using the road north of the crossing location where the burial site is located (RMM AH7).	PEC-E-106
5	Avoid project-related vehicles and plant accessing the wayside/verge and any project activities which could cause ground disturbance, except as necessary to install and use site access points at the transmission line crossing and install traffic management signage.	PEC-E-106, PEC-E-107, PEC-E-108, PEC-E-109, PEC-E-118
6	Awareness training for all project personnel accessing the construction area via Benanee Road identifying the presence of sites and areas potential sensitivity in the wayside/verge and communicating access restrictions (RMM AH10).	PEC-E-106, PEC-E-107, PEC-E-108, PEC-E-109
7	Include site on Sensitive Area Plans and project GIS/GPS systems, install 'No Go' signage (RMM AH7). Communicate site location and access restrictions to	PEC-E-110



No.	Recommendation	Sites
	relevant project personnel via appropriate awareness training (RMM AH10).	
8	Mark out/delineate tower construction impact area within site and install No Go signage along tower construction impact area boundary to restrict access to remaining, unimpacted portion of site (RMM AH7). Surface collection within impact area (RMM AH6).	PEC-E-111, PEC-E-115, PEC-E-116, PEC-E-117
9	Identify presence of sites in adjacent, non-project areas in Sensitive Area Plans and in project GIS/GPS systems. Communicate site location and access restrictions to relevant project personnel via appropriate awareness training (RMM AH10).	PEC-E-112 and PEC-E-114.



Table 8-2 Specific recommendations for PADs

PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E-PAD01	The Revised ACHAR confirmed that the area is no longer considered to be a PAD.	Proposed change: None.
PEC-E-PAD02	The Revised ACHAR confirmed that the PAD boundary was refined. The PAD is no longer within the easement. The PAD will not be impacted.	Proposed change: None.
PEC-E-PAD03	Tower construction area and track not cleared for direct impact: testing and possible salvage excavation as per RMM AH4 and AH6. Adjustments to tower location outside of tested area but within PAD require further testing. Rest of PAD cleared for the identified impact level per the assumed disturbance category.	Proposed change: Slight change to location of tower and associated tower construction area within PAD. Tower 493: Testing and possible salvage excavation per RMM AH4 and AH6. Access track: Testing and possible salvage excavation per RMM AH4 and AH6. Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD outside tower construction area and access track requires test excavation per RMM AH4.



PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD03		
PEC-E PAD04	The Revised ACHAR confirmed that the area is no longer considered to be a PAD.	Proposed change: None.



PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD05	The Revised ACHAR confirmed that the area is no longer considered to be a PAD.	Proposed change: None.
PEC-E PAD06	The Revised ACHAR confirmed that the area is no longer considered to be a PAD.	Proposed change: None.
PEC-E PAD07	<p>No test excavation occurred here.</p> <p>RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.</p> <p>RMM AH8 recommends upgrading existing access tracks to avoid direct ground disturbance such as grading or, if not possible, additional test excavation.</p>	<p>Proposed change: None. The proposal is to use existing access track through the PAD.</p> <p>Access track: If direct ground disturbance can't be avoided in line with RMM AH8, then testing and possible salvage excavation as per RMM AH4 and AH6.</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD outside access track requires test excavation per RMM AH4 and AH6.</p>



PEC-E
PAD07

200000

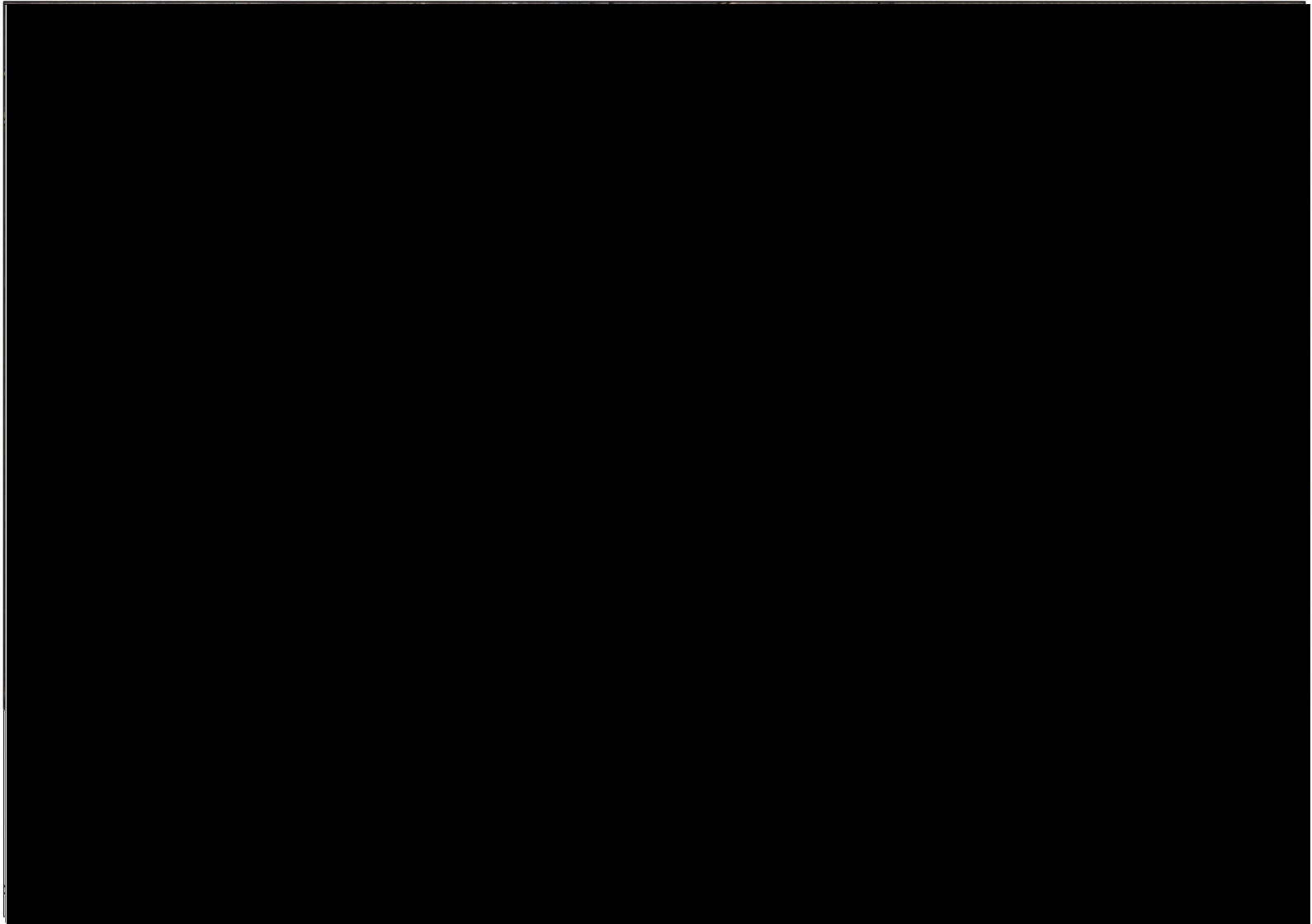
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PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
<p>PEC-E PAD08</p>	<p>PAD cleared for identified impact level per the assumed disturbance category. Any adjustment to tower location requires test excavation.</p> <p>No salvage excavation proposed if actual disturbance is as per the disturbance model assessed in the ACHAR.</p> <p>Test excavation results indicate low potential to contain substantial subsurface archaeological deposits.</p>	<p>Proposed change: Slight change proposed in orientation of tower construction footprint for tower 439. Slight change in location of tower 440 and associated construction area (tower access track to Tower 440).</p> <p>Tower 439: No salvage required based on proximity to area previously tested and low potential for subsurface archaeological deposits.</p> <p>Tower 440: No salvage required based on proximity to area previously tested and low potential for subsurface archaeological deposits.</p> <p>Access track: No additional test excavation or salvage excavation required along access track (cleared for identified impact level per the assumed disturbance category).</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4 and AH6.</p>



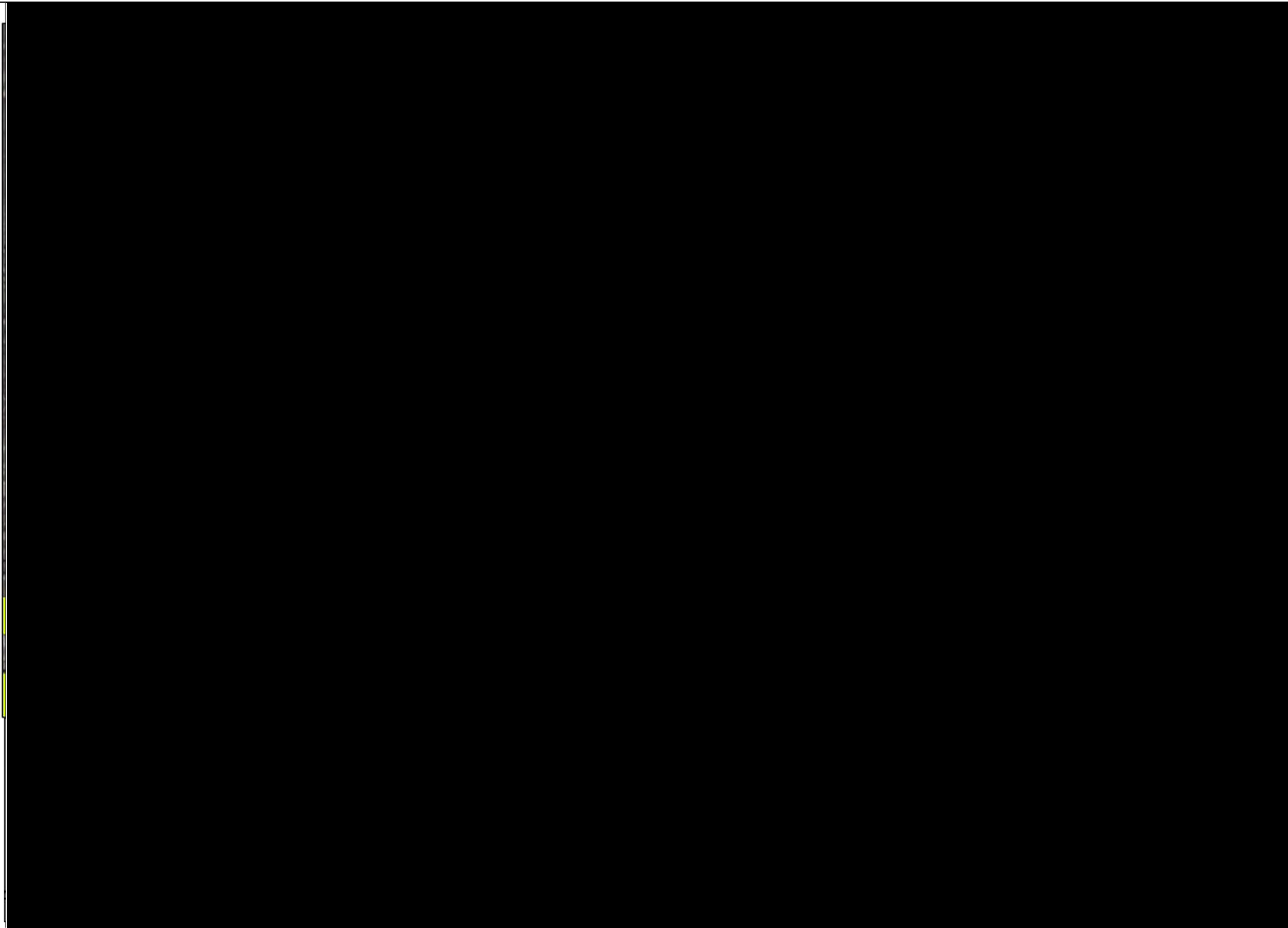
PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD08	 <p>202000</p>	



PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD09	The Revised ACHAR confirmed that the area is no longer considered to be a PAD.	Proposed change: None.
PEC-E PAD10	No test excavation occurred here. RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.	Proposed change: None. Activities within PAD as per section 2.4. Entire PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4 and AH6.
PEC-E PAD11	No test excavation occurred here. RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.	Proposed change: None. Activities within PAD as per section 2.4. Entire PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4 and AH6.



PEC-E
PAD10
and 11

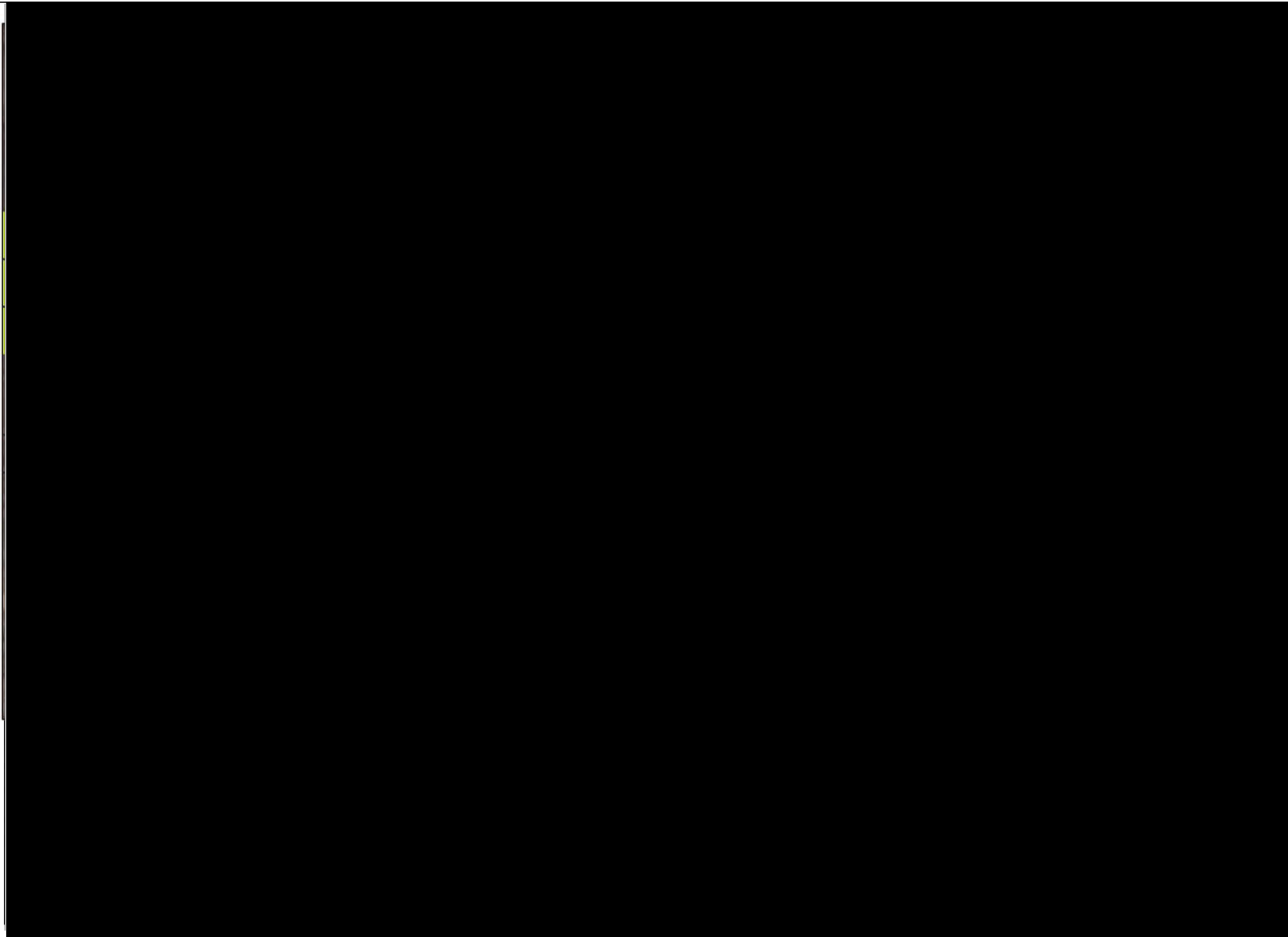




PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD12	<p>No test excavation occurred here.</p> <p>RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.</p>	<p>Proposed change: None. No direct ground disturbance/impacts proposed within PAD. Activities within PAD as per section 2.4.</p> <p>Entire PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4 and AH6.</p>



PEC-E
PAD12



PEC-E
PAD13

No test excavation occurred here.

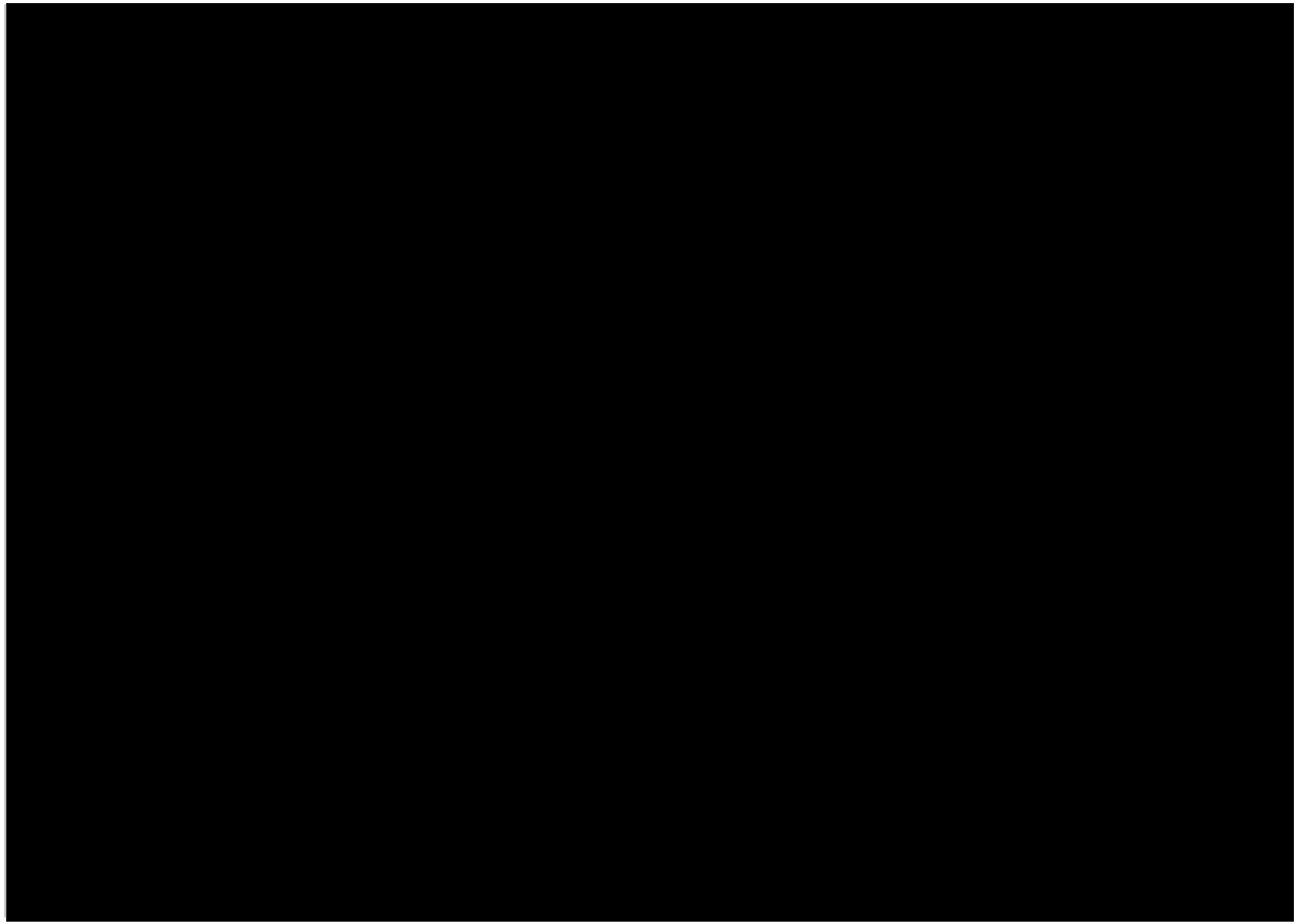
Proposed change: None. Activities within
PAD as per section 2.4.



PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
	RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.	Entire PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4 and AH6.



PEC-E
PAD13



PEC-E
PAD14

No test excavation occurred here.

Proposed change: None. Only proposed disturbance is access track construction.



PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
	RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.	Access track: If direct ground disturbance can't be avoided in line with RMM AH8, then testing and possible salvage excavation as per RMM AH4 and AH6.



PEC-E
PAD14



PEC-E
PAD15

No test excavation occurred here.

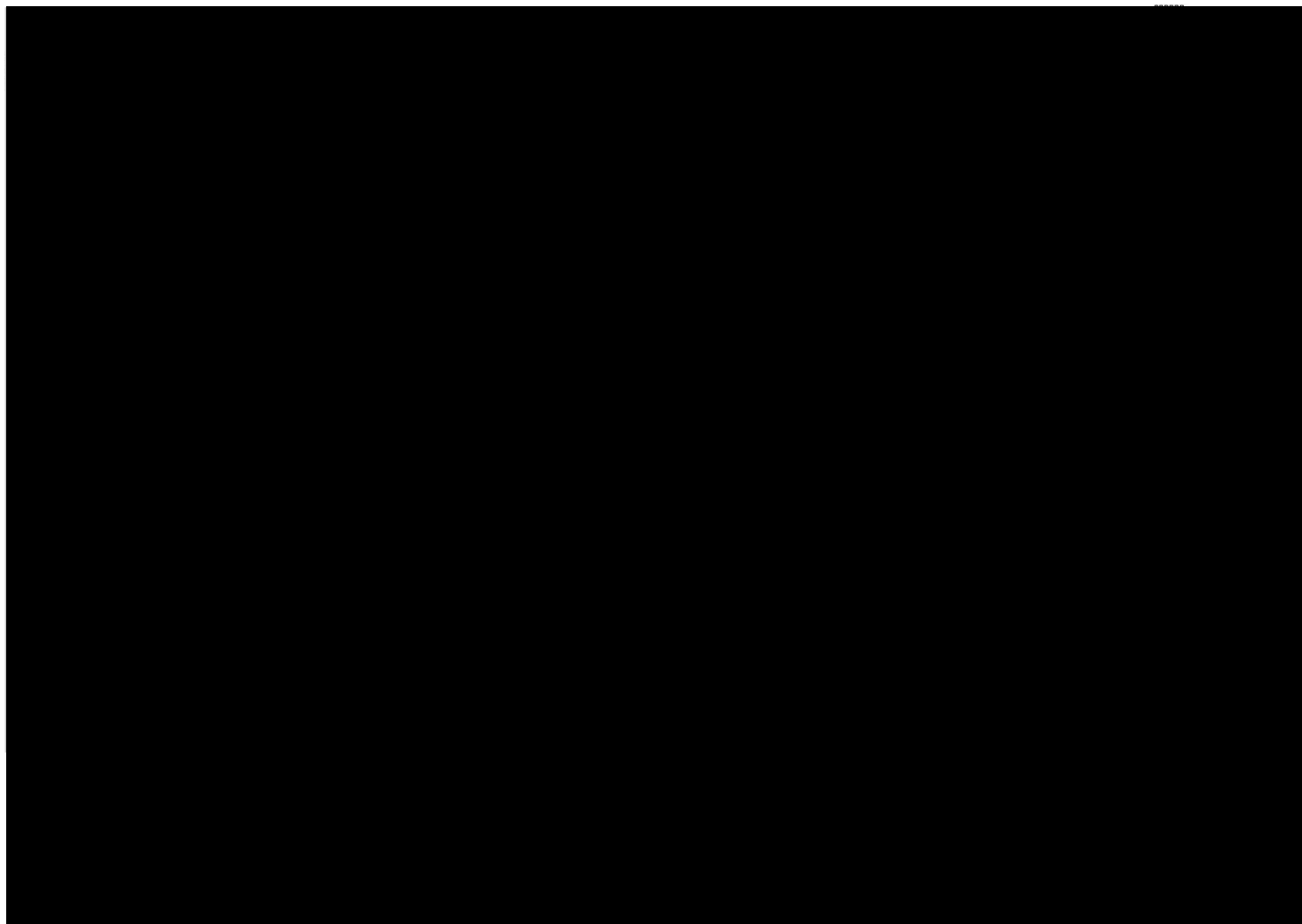
Proposed change: None.



PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
	The PAD will not be impacted.	



PEC-E
PAD15



PEC-E
PAD16

No test excavation occurred here.
RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.

Proposed change: Change to proposed access within PAD.



PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
		<p>Access track: If direct ground disturbance can't be avoided in line with RMM AH8, then testing and possible salvage excavation as per RMM AH4 and AH6.</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4 and AH6.</p>



PEC-E
PAD16



PEC-E
PAD17

The Revised ACHAR confirmed that the area is no longer considered to be a PAD.

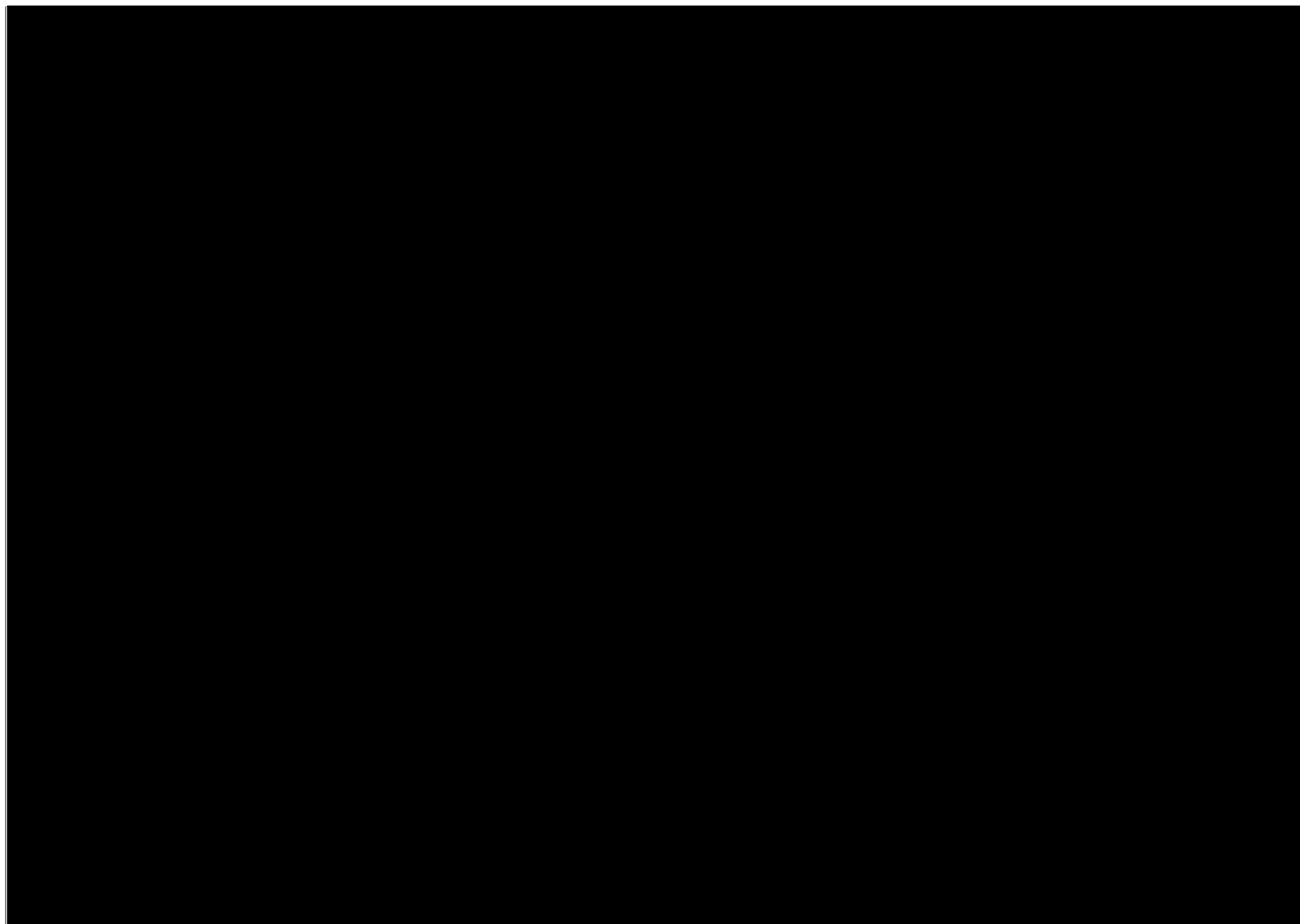
Proposed change: None.



PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD18	Tower construction area and track not cleared for direct impact: testing and possible salvage excavation as per RMM AH4 and AH6. Rest of PAD cleared for identified impact level per the assumed disturbance category.	Proposed change: Tower 211 and associated construction area moved out of PAD. Access track: Testing and possible salvage excavation as per RMM AH4 and AH6. Rest of PAD: Cleared for identified impact level per the assumed disturbance category.



PEC-E
PAD18

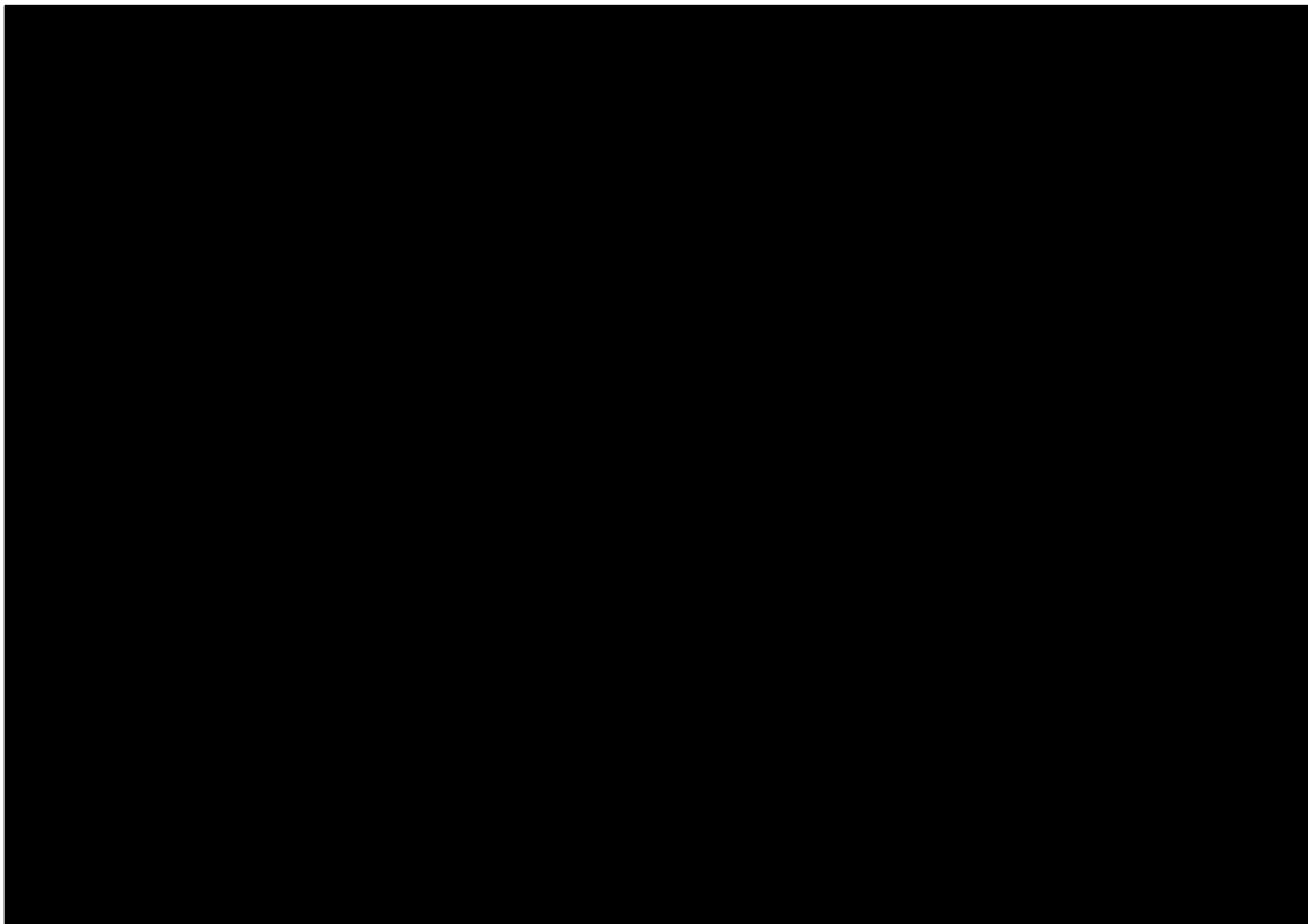




PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
<p>PEC-E PAD19</p>	<p>PAD cleared for identified impact level per the assumed disturbance category (no salvage excavation required).</p> <p>Adjustments to tower location outside of tested area but within PAD require further testing.</p> <p>Test excavation results for tower 195 (now 195A) indicate moderate or low-moderate potential for subsurface archaeological deposits. Test excavation results for tower 196 indicate low potential for subsurface archaeological deposits.</p>	<p>Proposed change: Locations of towers 195A and 196 and associated construction areas have moved within PAD.</p> <p>Tower 196: Testing and possible salvage excavation as per RMM AH4 and AH6.</p> <p>Tower 195A: Testing and possible salvage excavation as per RMM AH4 and AH6.</p> <p>Access track: No additional test excavation or salvage excavation required along access track (cleared for identified impact level per the assumed disturbance category).</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p>



PEC-E
PAD19

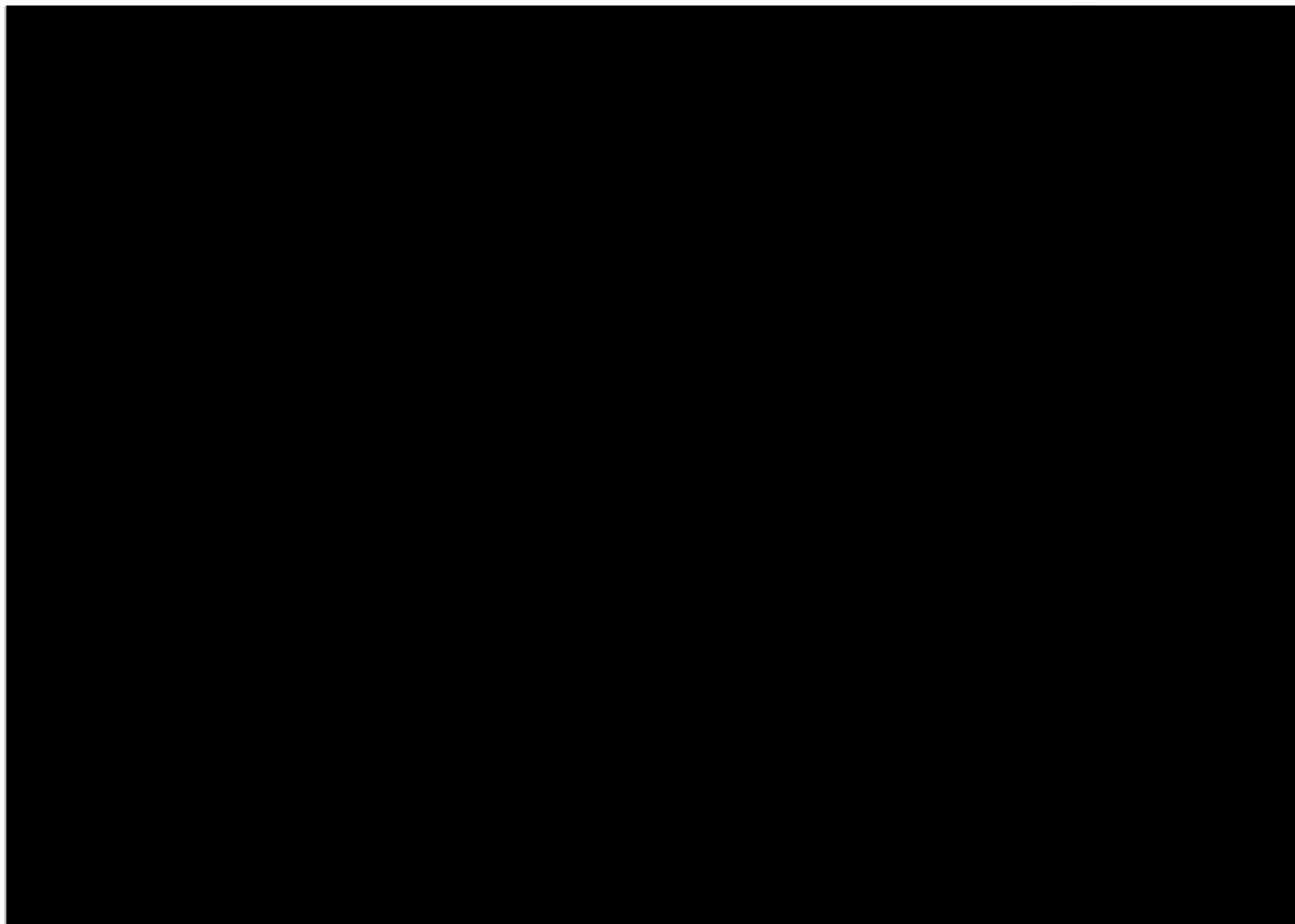




PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD20	<p>PAD cleared for identified impact level per the assumed disturbance category (no salvage excavation required). Included access tracks within PAD.</p> <p>Adjustments to tower locations outside of tested area but within PAD require further testing.</p> <p>No specific recommendation regarding potential for subsurface archaeological deposits.</p>	<p>Proposed change: Location of tower 195 and associated construction area has moved within PAD.</p> <p>Tower 195: Testing and possible salvage excavation as per RMM AH4 and AH6.</p> <p>Access track: No additional test excavation or salvage excavation required along access track (cleared for identified impact level per the assumed disturbance category).</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p>



PEC-E
PAD20

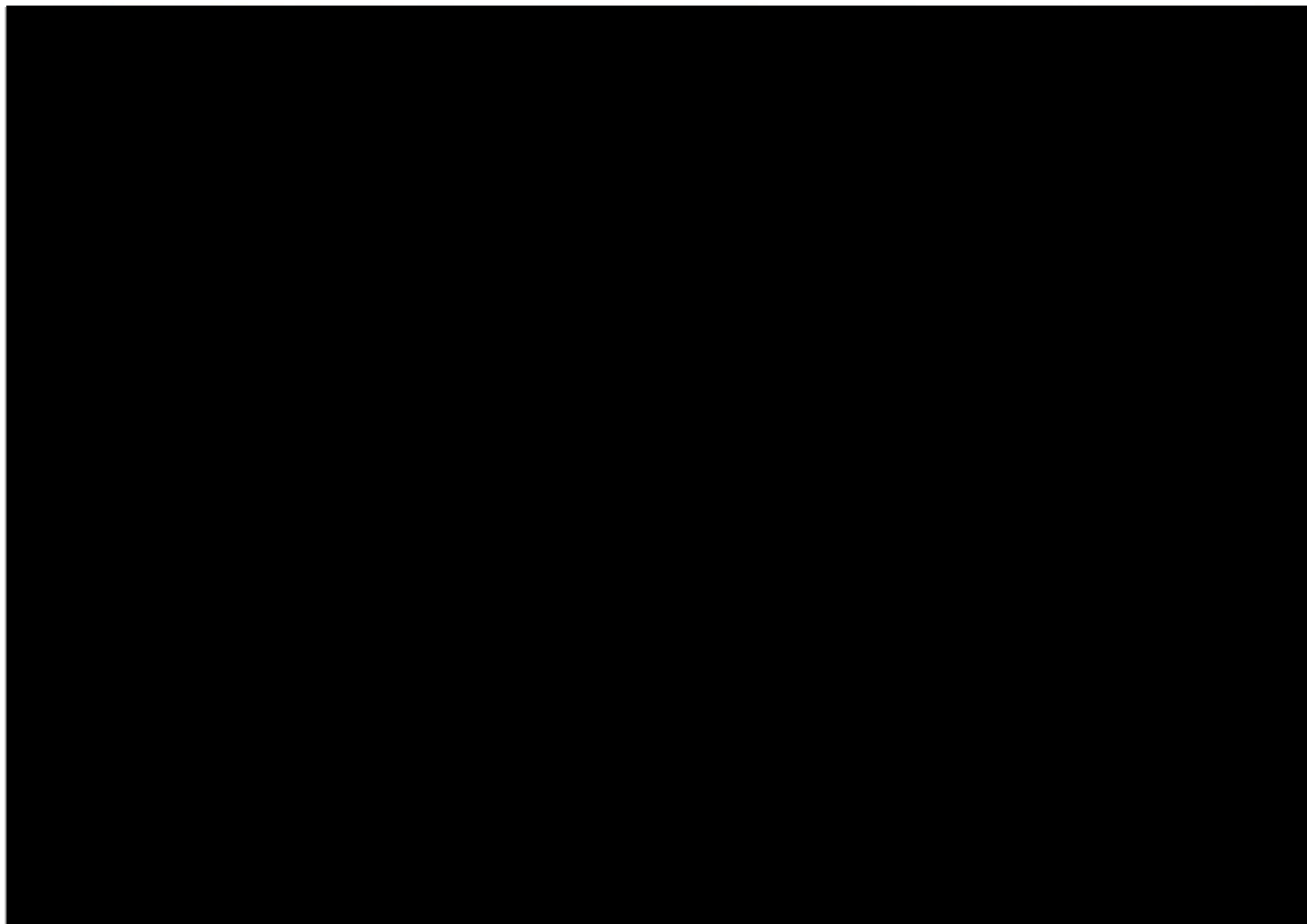




PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
<p>PEC-E PAD21</p>	<p>PAD cleared for identified impact level per the assumed disturbance category (no salvage excavation proposed). Included access tracks within PAD.</p> <p>Adjustments to tower locations outside of tested area but within PAD require further testing.</p> <p>Test excavation results indicate low potential for subsurface archaeological deposits within tower 193 (now 194) and 192 (now 193).</p>	<p>Proposed change: Location of tower 194 and associated construction area has moved within PAD.</p> <p>Tower 193: No further test excavation or salvage excavation required based on existing test excavation report recommendations.</p> <p>Tower 194: No salvage required based on proximity to area previously tested and low potential for subsurface archaeological deposits.</p> <p>Access track: No additional test excavation or salvage excavation required along access track (cleared for identified impact level per the assumed disturbance category).</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p>



PEC-E
PAD21

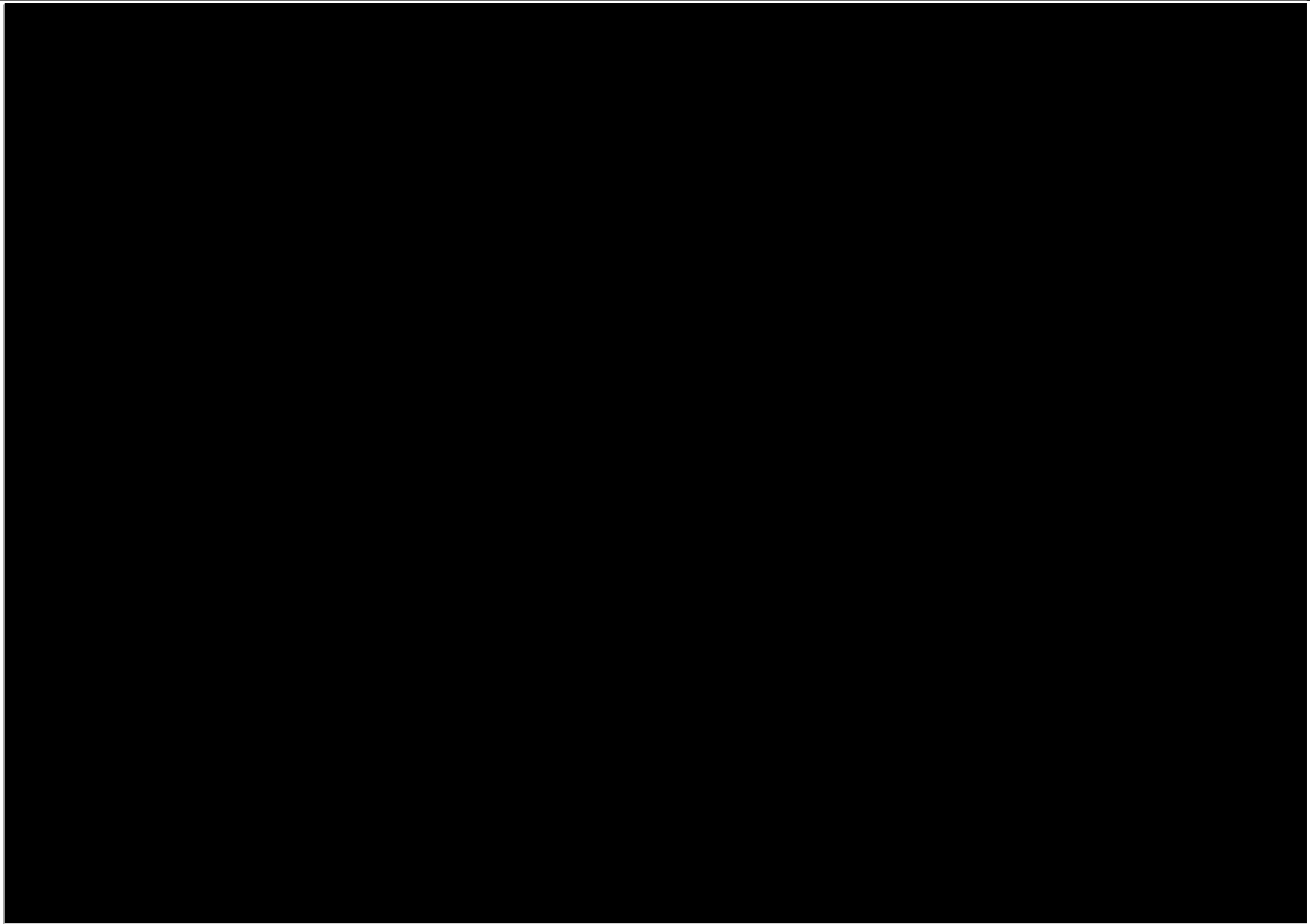




<p>PEC-E PAD22</p>	<p>Tower construction areas for towers [REDACTED] and sections of access tracks not cleared for direct impact: testing and possible salvage excavation as per RMM AH4 and AH6.</p> <p>Adjustments to tower locations outside of tested area but within PAD require further testing.</p> <p>Rest of PAD (including access tracks) not cleared for identified impact level per the assumed disturbance category.</p> <p>Test excavation results indicate moderate potential for subsurface archaeological deposits within PAD22.</p>	<p>Proposed change: [REDACTED] and associated construction area moved out of PAD completely. Changes to locations towers [REDACTED] and associated construction areas. Slight changes in proposed access within PAD.</p> <p>[REDACTED]: Testing and possible salvage excavation as per RMM AH4 and AH6.</p> <p>[REDACTED] Salvage excavation as per RMM AH6.</p> <p>[REDACTED]: No further test excavation or salvage excavation required based on existing test excavation report recommendations.</p> <p>Access tracks: For sections of access track not cleared for direct impact and any associated additional direct impact areas, if direct ground disturbance can't be avoided in line with RMM AH8, then salvage required per RMM AH6 and further test excavation not required. Otherwise, test excavation required along access track per RMM AH4.</p> <p>For sections of access track where Revised ACHAR indicated clearance for identified level of impact per the assumed disturbance category, no further test excavation or salvage excavation.</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p>
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PEC-E
PAD22

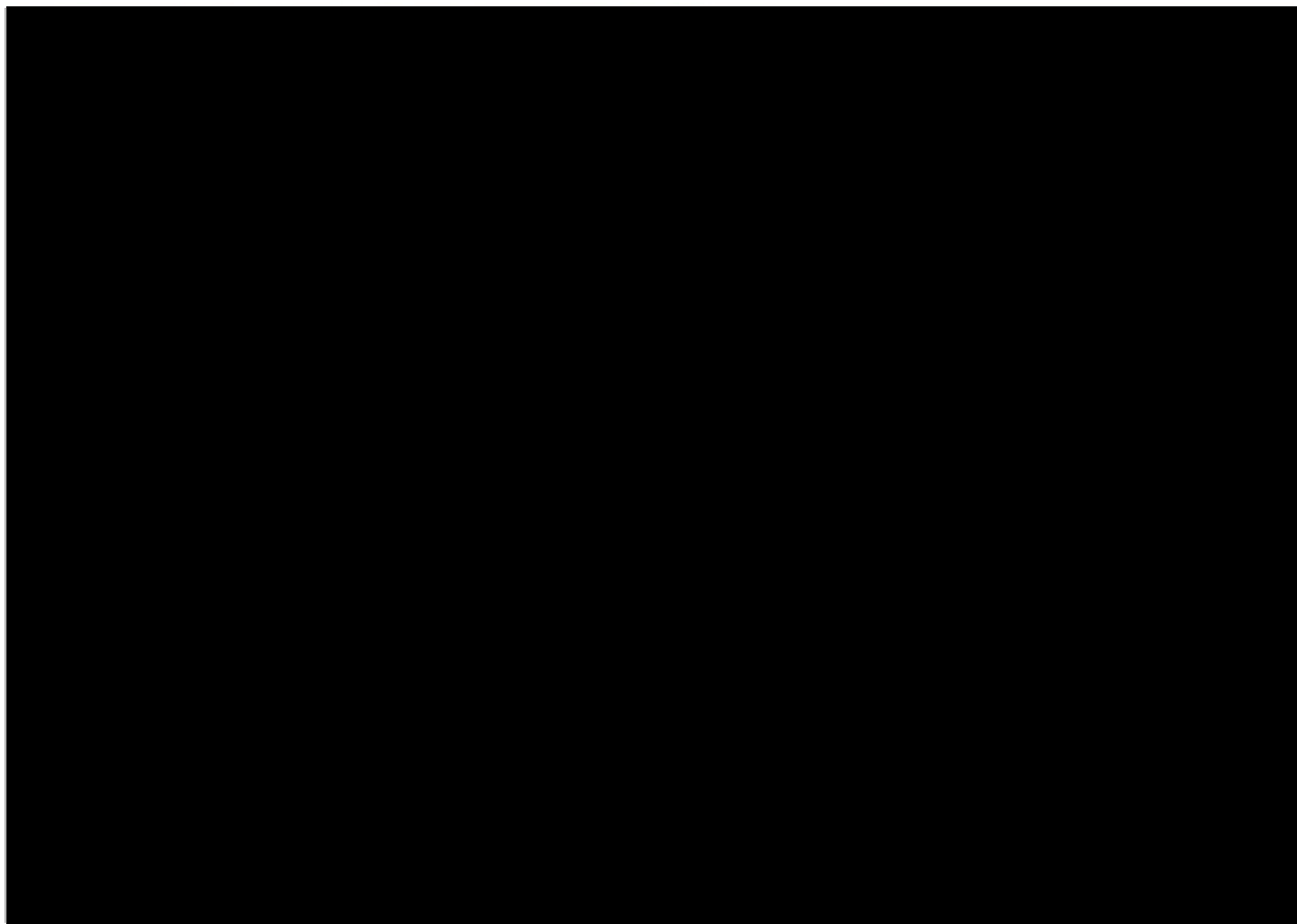




PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
<p>PEC-E PAD23</p>	<p>PAD cleared for identified impact level per the assumed disturbance category (no salvage excavation proposed). Adjustments to tower locations outside of tested area but within PAD require further testing. Test excavation results indicate low potential for subsurface archaeological deposits within towers [REDACTED]</p>	<p>Proposed change: Changes to locations of towers and associated construction areas. Slight changes in proposed access within PAD (tower access tracks).</p> <p>[REDACTED]: Testing and possible salvage excavation as per RMM AH4 and AH6.</p> <p>[REDACTED]: Testing and possible salvage excavation as per RMM AH4 and AH6.</p> <p>Access track: No further test excavation or salvage excavation required based on proximity to area previously tested and low potential for subsurface archaeological deposits (cleared for identified impact level per the assumed disturbance category).</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p>



PEC-E
PAD23

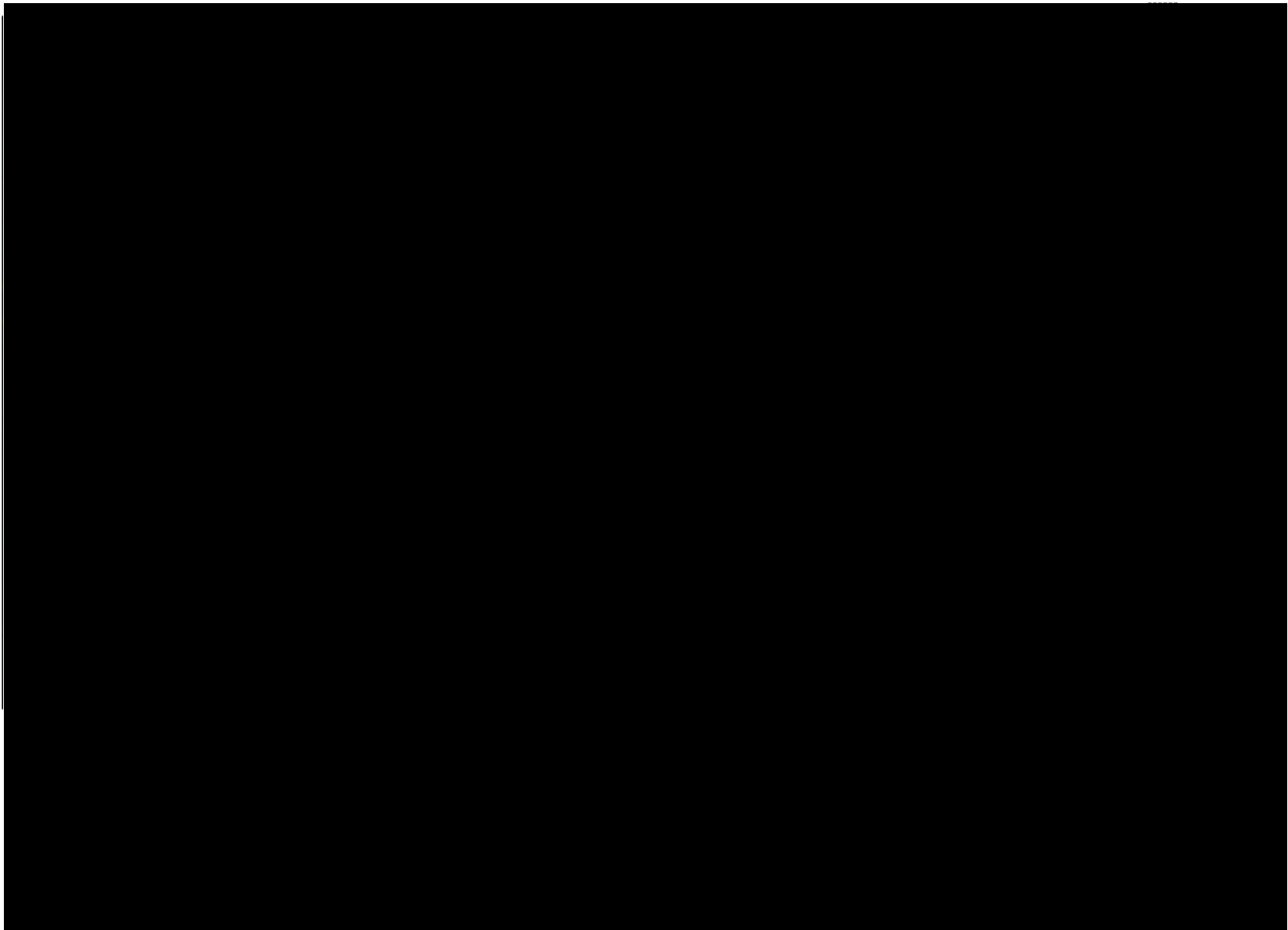




PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD24	<p>PAD cleared for identified impact level per the assumed disturbance category (no salvage excavation proposed).</p> <p>Adjustments to tower locations outside of tested area but within PAD require further testing.</p> <p>Test excavation results indicate low potential for subsurface archaeological deposits within tower</p> <p>█</p> <p>—</p>	<p>Proposed change: None.</p> <p>█ No further test excavation or salvage excavation required based on existing test excavation report recommendations.</p> <p>Access track: No further test excavation or salvage excavation required based on proximity to area previously tested and low potential for subsurface archaeological deposits (cleared for identified impact level per the assumed disturbance category).</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p>



PEC-E
PAD24



PEC-E
PAD25

PAD cleared for identified impact level per the assumed disturbance category (no salvage excavation proposed).

Proposed change: Changes to locations towers [REDACTED] and associated construction areas. Corner of construction



PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
	<p>Adjustments to tower locations outside of tested area but within PAD require further testing.</p> <p>There is low potential for subsurface archaeological material to be present within towers 135 and 136.</p>	<p>area of [REDACTED] extends into PAD. Slight changes in proposed access within PAD (tower access tracks).</p> <p>[REDACTED] Testing and possible salvage excavation as per RMM AH4 and AH6.</p> <p>[REDACTED]: testing and possible salvage excavation as per RMM AH4 and AH6.</p> <p>[REDACTED]: testing and possible salvage excavation as per RMM AH4 and AH6 (of part of construction within PAD only).</p> <p>Access track: No further test excavation or salvage excavation required based on proximity to area previously tested and low potential for subsurface archaeological deposits (cleared for identified impact level per the assumed disturbance category).</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p>



PEC-E
PAD25



REDACTED

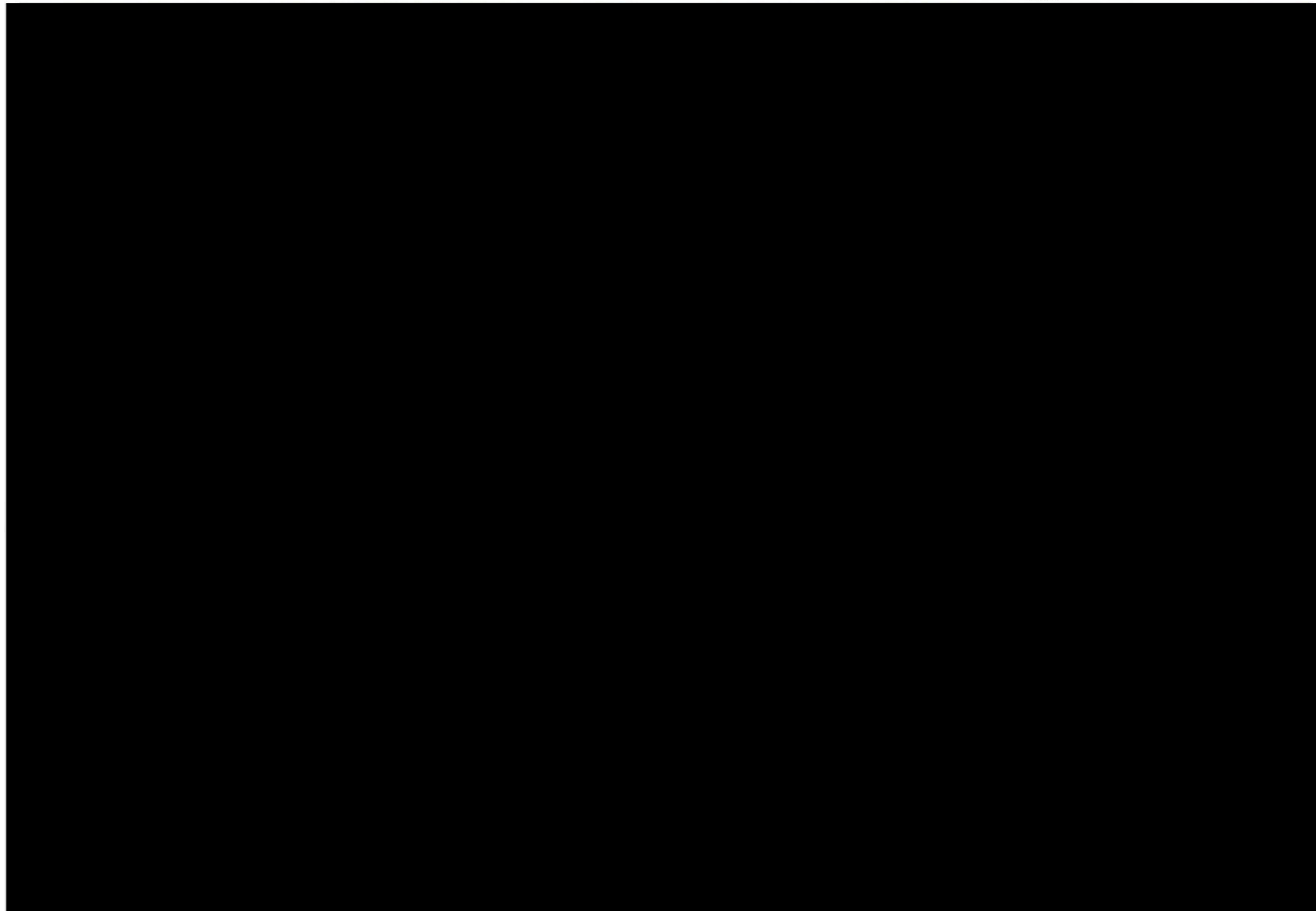


PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
<p>PEC-E PAD26</p>	<p>PAD cleared for identified impact level per the assumed disturbance category (no salvage excavation proposed). Adjustments to tower locations outside of tested area but within PAD require further testing. There is low potential for subsurface archaeological material to be present within towers 92 to 94.</p>	<p>Proposed change: Slight changes in proposed access within PAD (tower access tracks).</p> <p>Towers: No further test excavation or salvage excavation required based on existing test excavation report recommendations.</p> <p>Access track: No further test excavation or salvage excavation required based on proximity to area previously tested and low potential for subsurface archaeological deposits (cleared for identified impact level per the assumed disturbance category).</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p>



PEC-E
PAD26

360000

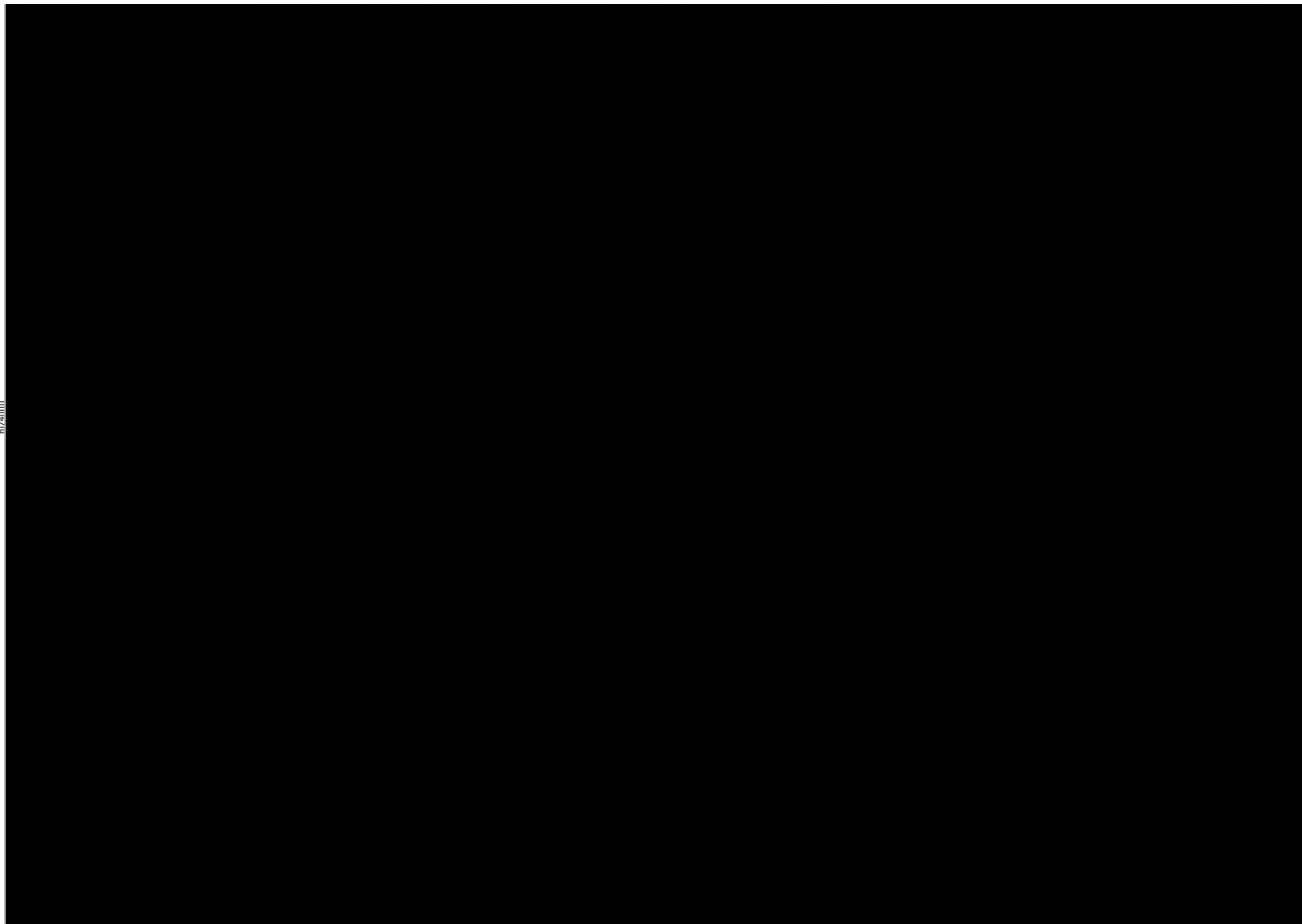




PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
<p>PEC-E PAD27a</p>	<p>PAD cleared for identified impact level per the assumed disturbance category (no salvage excavation proposed). Adjustments to tower locations outside of tested area but within PAD require further testing. Test excavation results indicate low potential for subsurface archaeological deposits.</p>	<p>Proposed change: No change to tower location within PAD. Changes to access within PAD.</p> <p>Tower 20: No further test excavation or salvage excavation required based on existing test excavation report recommendations.</p> <p>Access tracks: No further test excavation or salvage excavation required based on proximity to area previously tested and low potential for subsurface archaeological deposits (cleared for identified impact level per the assumed disturbance category).</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p>



PEC-E
PAD27a



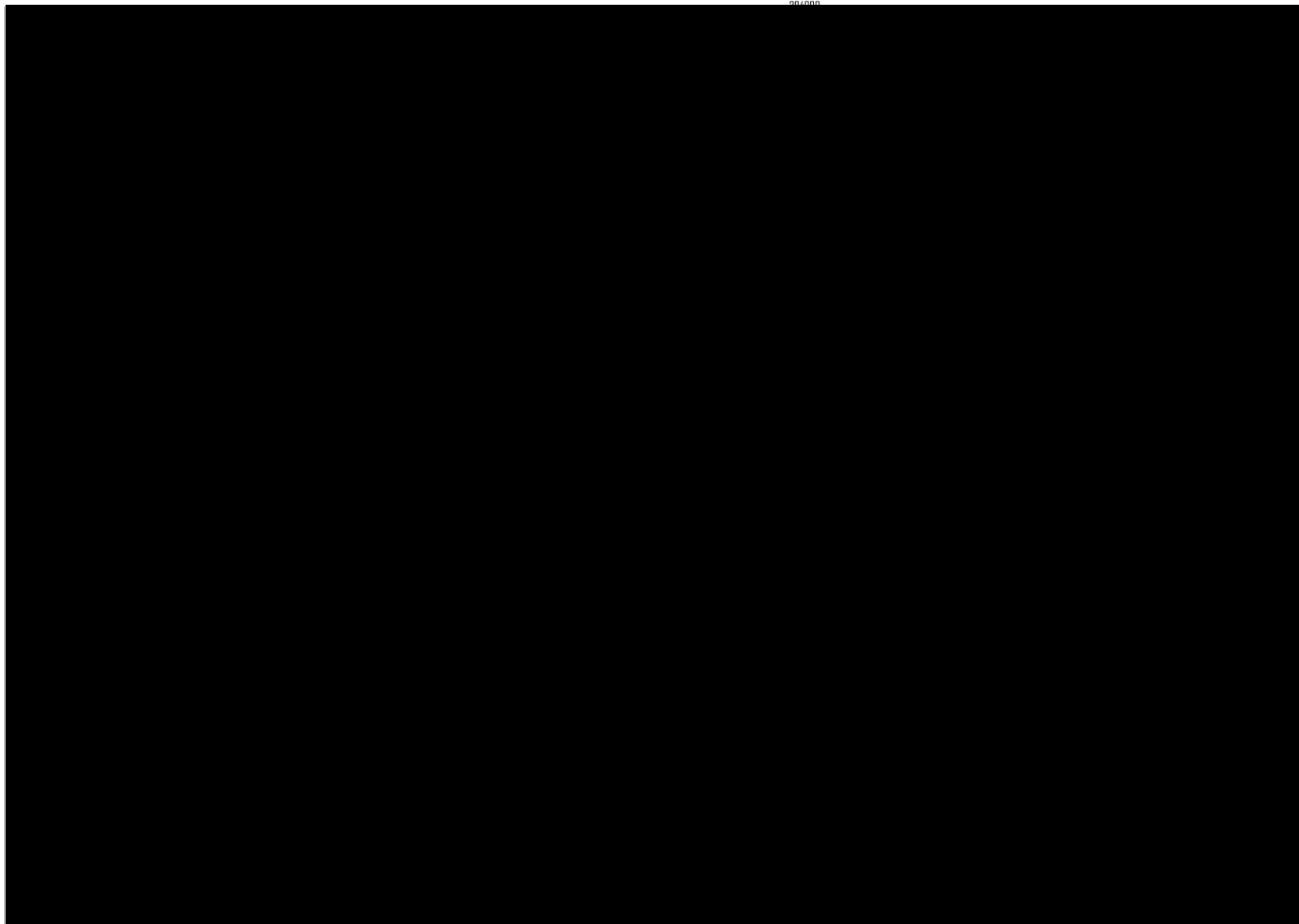
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PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
<p>PEC-E PAD27b</p>	<p>PAD cleared for identified impact level per the assumed disturbance category (no salvage excavation proposed). Adjustments to tower locations outside of tested area but within PAD require further testing. Test excavation results indicate low potential for subsurface archaeological deposits.</p>	<p>Proposed change: No change to tower location within PAD. Changes to access within PAD.</p> <p>█: No further test excavation or salvage excavation required based on existing test excavation report recommendations.</p> <p>Access tracks: No further test excavation or salvage excavation required based on proximity to area previously tested and low potential for subsurface archaeological deposits (cleared for identified impact level per the assumed disturbance category).</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p>



PEC-E
PAD27b



PEC-E
PAD28

The Revised ACHAR confirmed that the area is no longer considered to be a PAD.

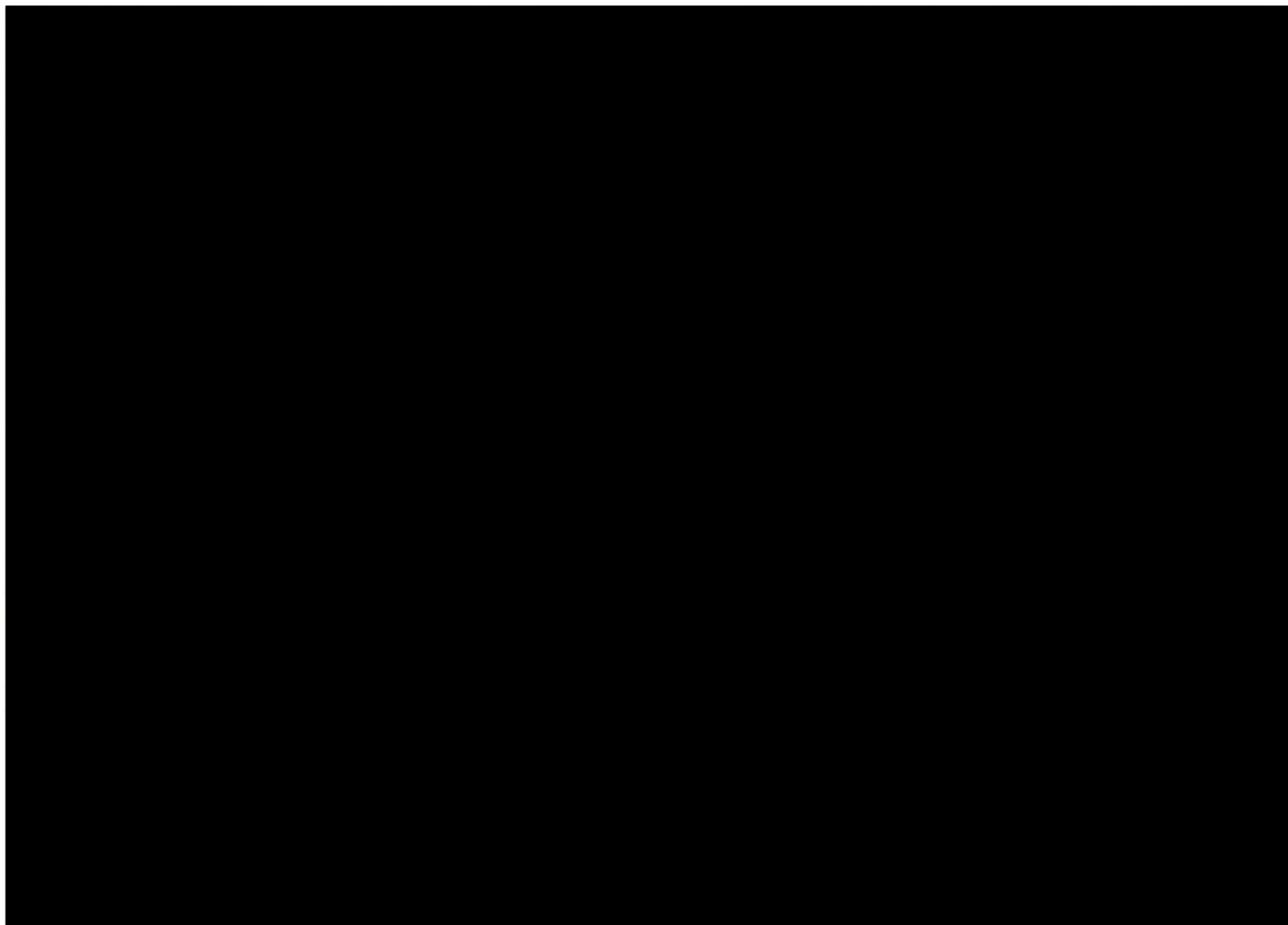
Proposed change: None.



PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD29	<p>Proposed access track on the southern side of the PAD not cleared for direct impact: salvage excavation required per RMM AH4 and AH6.</p> <p>Rest of PAD (including access tracks) cleared for identified impact level per the assumed disturbance category.</p> <p>Adjustments to tower locations outside of tested area but within PAD require further testing.</p> <p>No specific recommendation regarding potential for subsurface archaeological deposits.</p>	<p>Proposed change: New access track in PAD to provide alternative access option to [REDACTED]</p> <p>Access tracks: If direct ground disturbance can't be avoided in line with RMM AH8, test excavation and possible salvage required as per RMM AH4 and AH6.</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4 and AH6.</p>



PEC-E
PAD29





PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD30	<p>No testing occurred as no subsurface impacts expected.</p> <p>RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.</p>	<p>Proposed change: No change, but Revised ACHAR did not specifically consider any required maintenance of Cononong Road (direct ground disturbance impact) which traverses the PAD. Activities along centreline per section 2.4.</p> <p>Coonong Road: No test excavation or salvage excavation required based on level of previous disturbance associated with road construction and ongoing maintenance.</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p>



PEC-E
PAD30





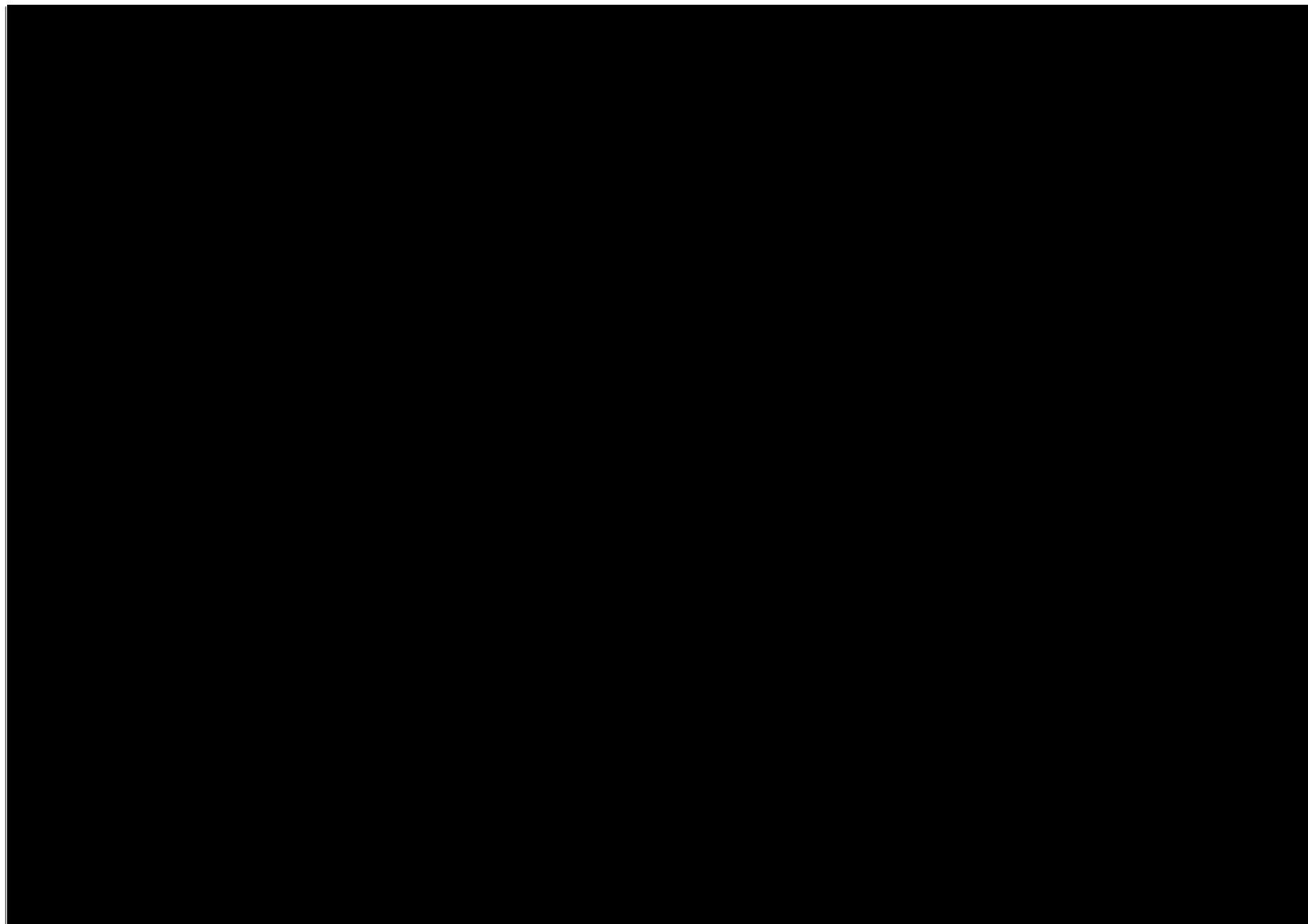
PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD31	<p>No testing occurred as no subsurface impacts expected.</p> <p>RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.</p>	<p>Proposed change: No specific change, but clarification of recommendations required based on disturbance categories (clearing along centreline and in Disturbance Area B).</p> <p>Entire PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p>
PEC-E PAD32	<p>PAD cleared for identified impact level per the assumed disturbance category (no salvage excavation proposed).</p> <p>Adjustments to tower location outside of tested area but within PAD require further testing.</p> <p>Test excavation results indicate moderate potential for intact archaeological deposits.</p>	<p>Proposed change: Slight change to tower location and associated construction area and access within PAD.</p> <p>Tower 245: No salvage required based on proximity to area previously tested and low potential for subsurface archaeological deposits.</p> <p>Access track: No further test excavation or salvage excavation required based on proximity to area previously tested and recommendations from test excavations (cleared for identified impact level per the assumed disturbance category).</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p>



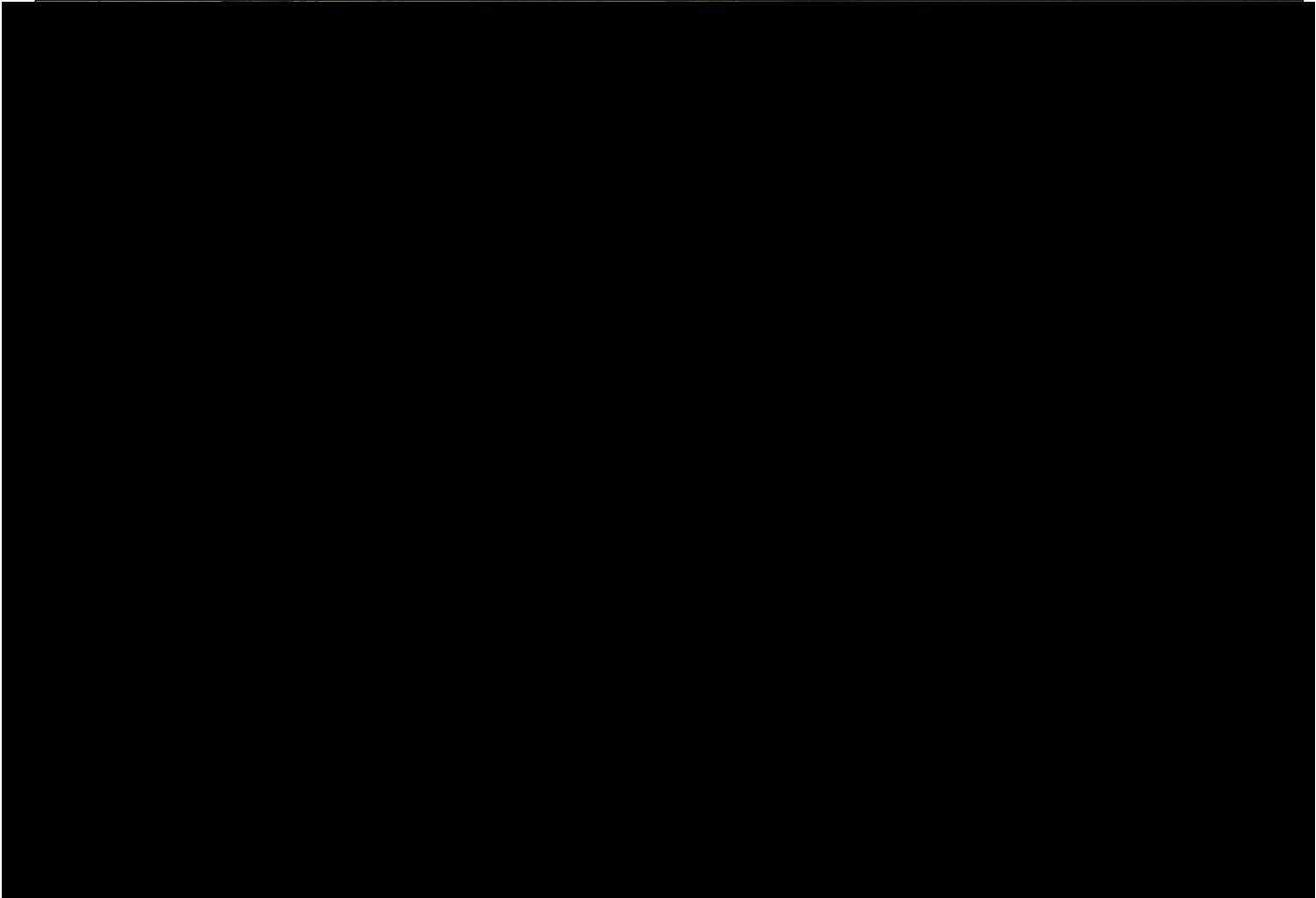
PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD33	No testing occurred as no subsurface impacts expected. RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.	Proposed change: No change, but clarification of recommendations required based on disturbance categories. Entire PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.



PEC-E
PAD31
to 33





PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD34	No testing occurred as no subsurface impacts expected. RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.	Proposed change: None.
PEC-E PAD34	 <p>452000 454000</p>	

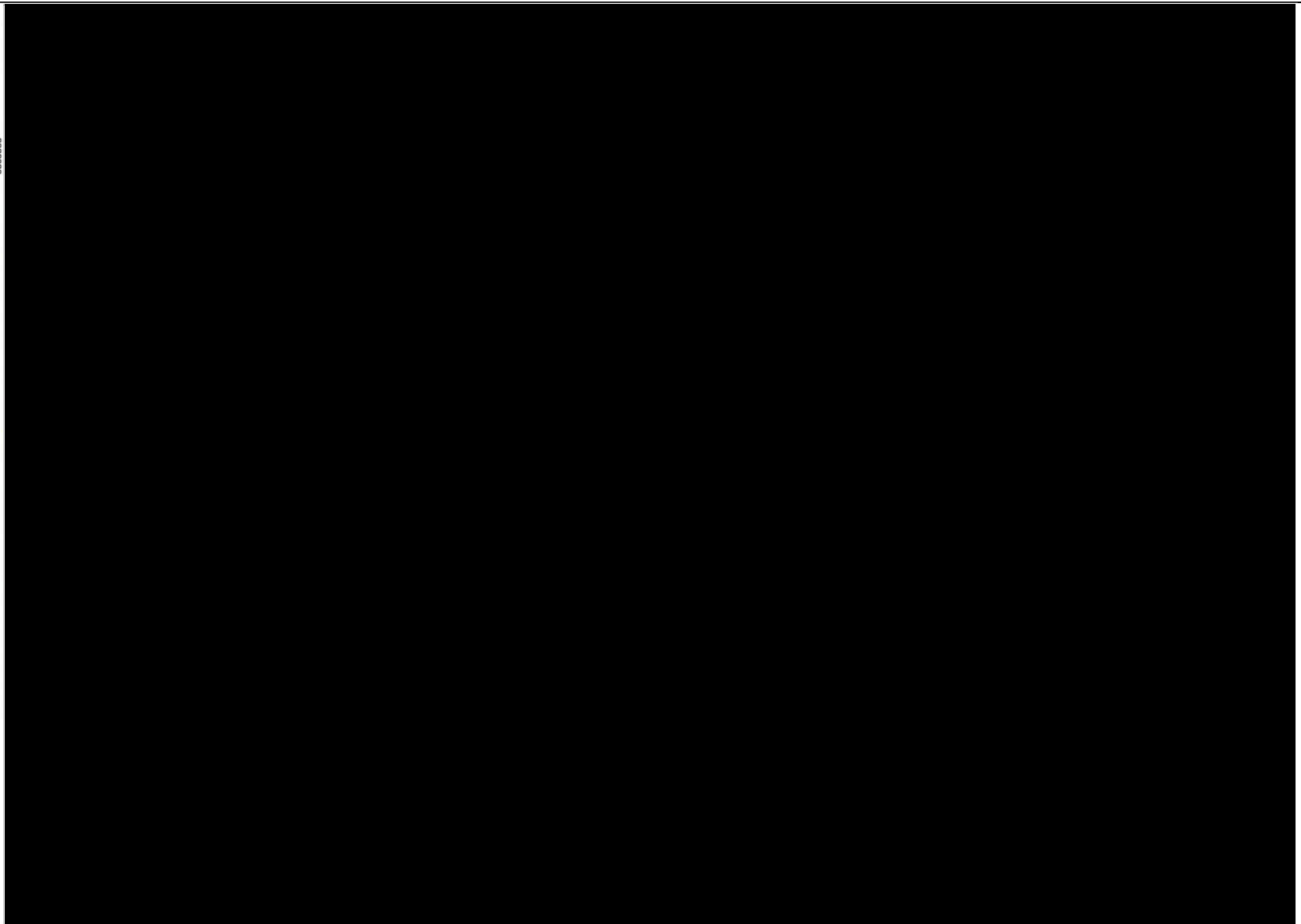


PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD35	<p>Proposed access track not cleared for direct impact: construction of a new access track through the redefined PAD requires further archaeological investigation.</p> <p>Rest of PAD (including access tracks) cleared for identified impact level per the assumed disturbance category.</p>	<p>Proposed change: No change proposed, but clarification of recommendations based on disturbance categories required.</p> <p>Access track: If direct ground disturbance can't be avoided in line with RMM AH8, then salvage required along the access track per RMM AH6 and further test excavation not required. Otherwise, test excavation required along access track per RMM AH4.</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p>



PEC-E
PAD35

6098000

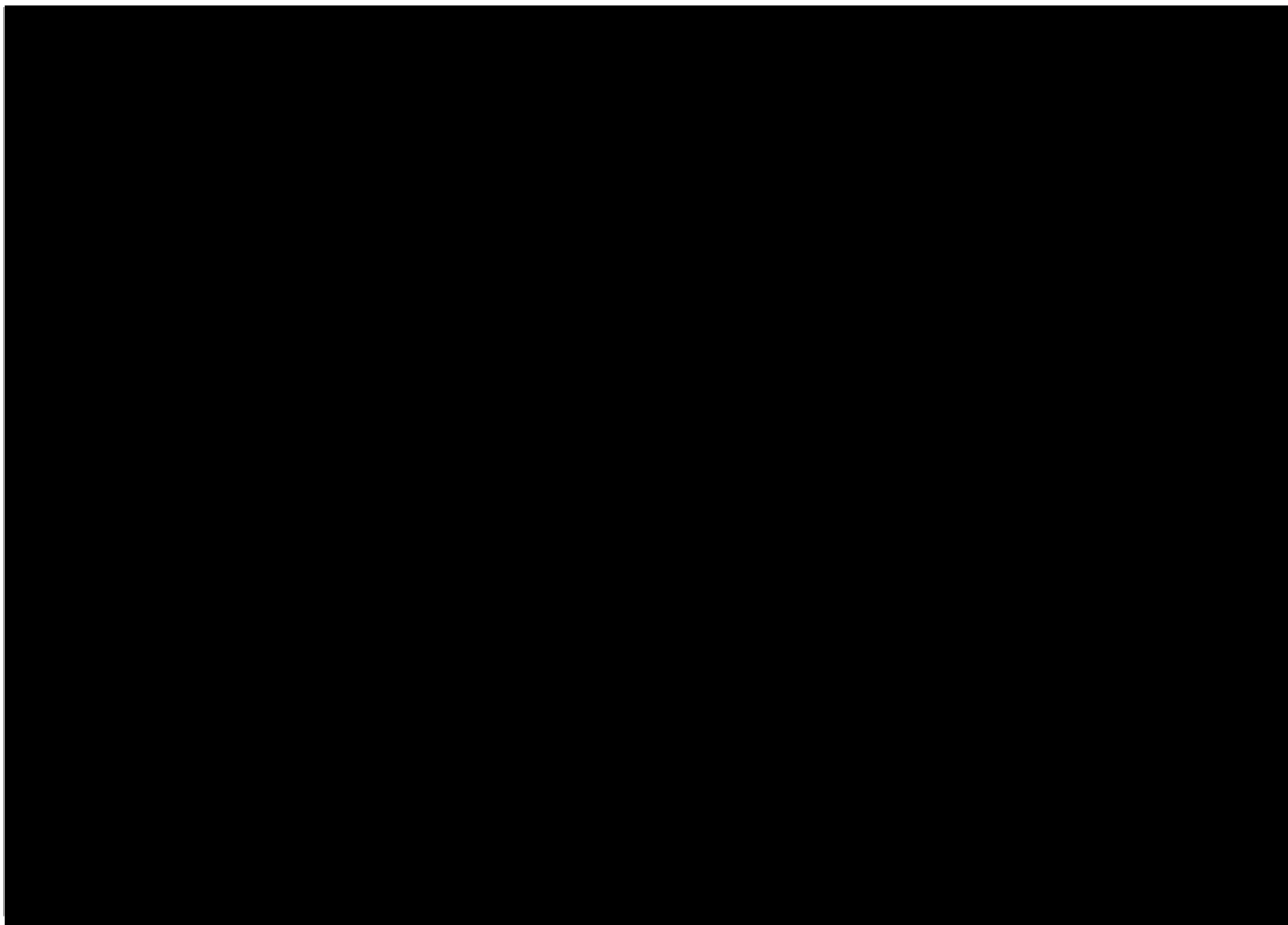




PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD36	No testing occurred as no subsurface impacts expected. RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.	Proposed change: No specific change, but clarification of recommendations required based on disturbance categories (clearing along centreline and in Disturbance Area B). Entire PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.



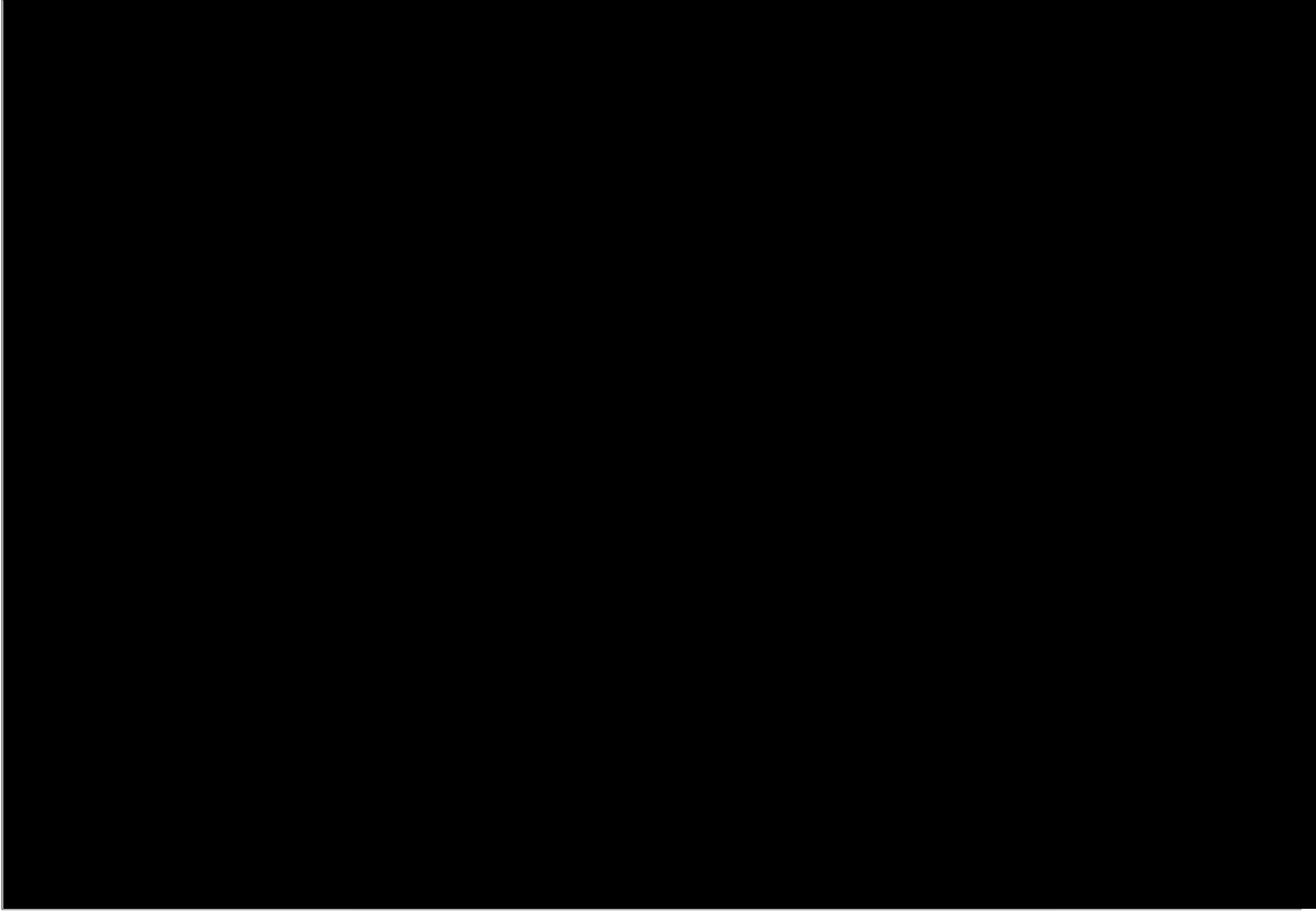
PEC-E
PAD36





PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD37	<p>No testing occurred as no subsurface impacts expected.</p> <p>RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.</p>	<p>Proposed change: No specific change, but clarification of recommendations required based on disturbance categories (clearing along centreline and in Disturbance Area B).</p> <p>Access track: If direct ground disturbance can't be avoided in line with RMM AH8 or by realigning access track, then salvage required along the access track per RMM AH6 and further test excavation not required. Otherwise, test excavation required along access track per RMM AH4.</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category.</p>



PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD37		



PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
<p>PEC-E PAD38/ 39</p>	<p>PAD cleared for identified impact level per the assumed disturbance category (no salvage excavation proposed). Adjustments to tower location outside of tested area but within PAD require further testing. Test excavation results indicate low potential for subsurface archaeological deposits within [REDACTED]</p>	<p>Proposed change: Access track between [REDACTED] proposed to the northwest but immediately adjacent to location assessed in Revised ACHAR. Slightly wider access buffer along existing access track between [REDACTED].</p> <p>Towers: No further test excavation or salvage excavation required based on existing test excavation report recommendations.</p> <p>Access track: No further test excavation or salvage excavation required based on existing test excavation report recommendations, proximity to area previously cleared for cleared for identified impact level per the assumed disturbance and low potential for subsurface archaeological deposits (cleared for identified impact level per the assumed disturbance category).</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p>



PEC-E
PAD38/
39

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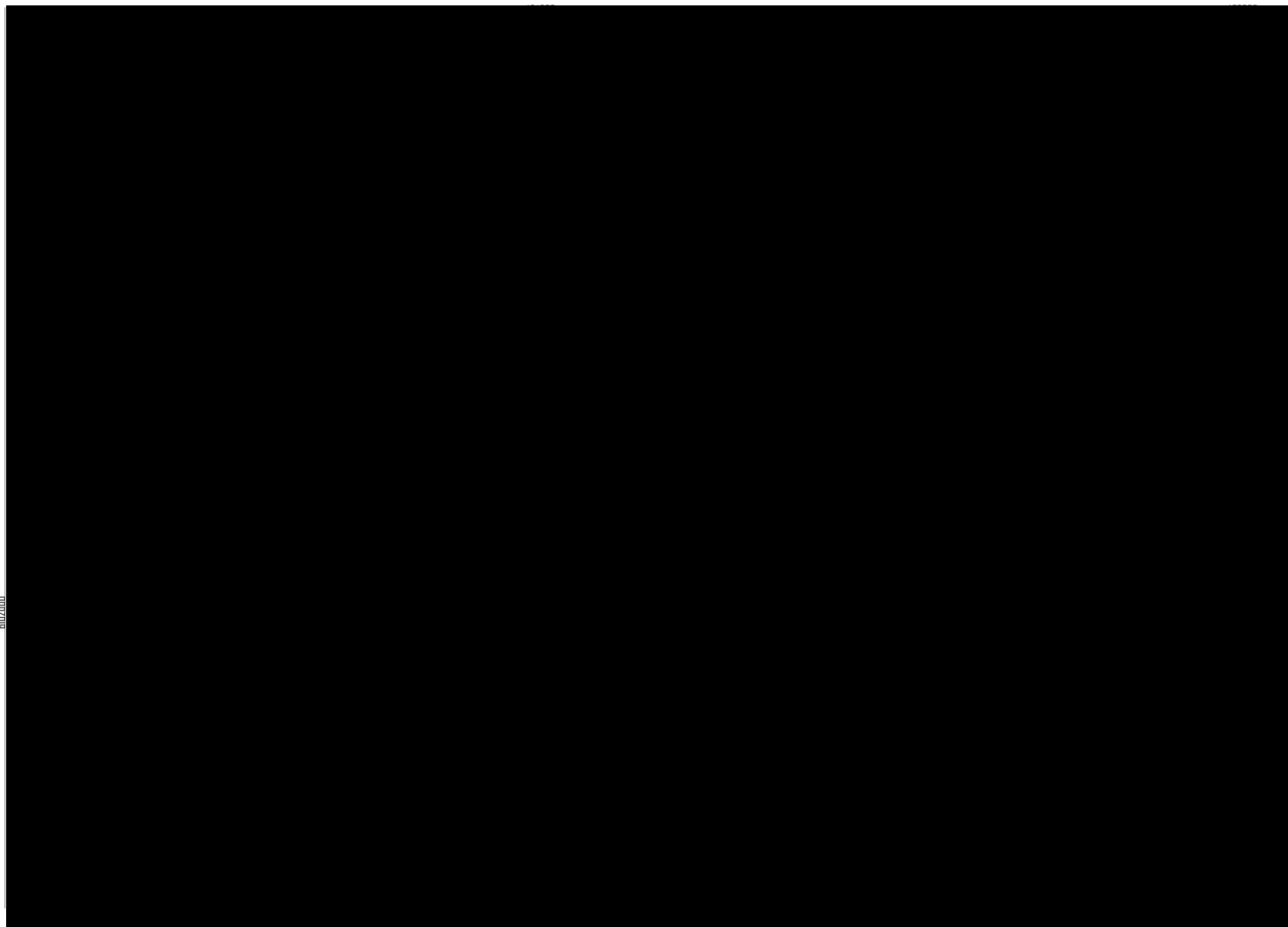




PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
<p>PEC-E PAD40</p>	<p>Tower construction areas and proposed access track not cleared for direct impact: salvage excavation required per RMM AH6.</p> <p>Adjustments to tower locations outside of tested area but within PAD require further testing.</p> <p>Rest of PAD cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p> <p>Test excavation results indicate moderate potential for intact archaeological deposits.</p>	<p>Proposed change: Changes to tower locations and associated construction areas and access within PAD.</p> <p>Towers: Testing and possible salvage excavation as per RMM AH4 and AH6.</p> <p>Access tracks: If direct ground disturbance can't be avoided in line with RMM AH8 or by realigning access track, then salvage required along the access track per RMM AH6 and further test excavation not required. Otherwise, test excavation required along access track per RMM AH4.</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p>



PEC-E
PAD40



PEC-E
PAD42

No testing occurred as no subsurface impacts expected. RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.

Proposed change: [REDACTED] associated construction areas and access now within PAD. Clarification of



PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
		<p>recommendations required based on disturbance categories (clearing along centreline and in Disturbance Area B).</p> <p>████████████████████ ████████████████████</p> <p>Access track: If direct ground disturbance can't be avoided in line with RMM AH8 or by realigning access track, then salvage required along the access track per RMM AH4.</p> <p>Rest of PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.</p>



PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD42		



PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD43	No testing occurred as no subsurface impacts expected. RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.	Proposed change: No specific change, but clarification of recommendations required based on disturbance categories (clearing along centreline and in Disturbance Area B). Entire PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.



PEC-E
PAD43

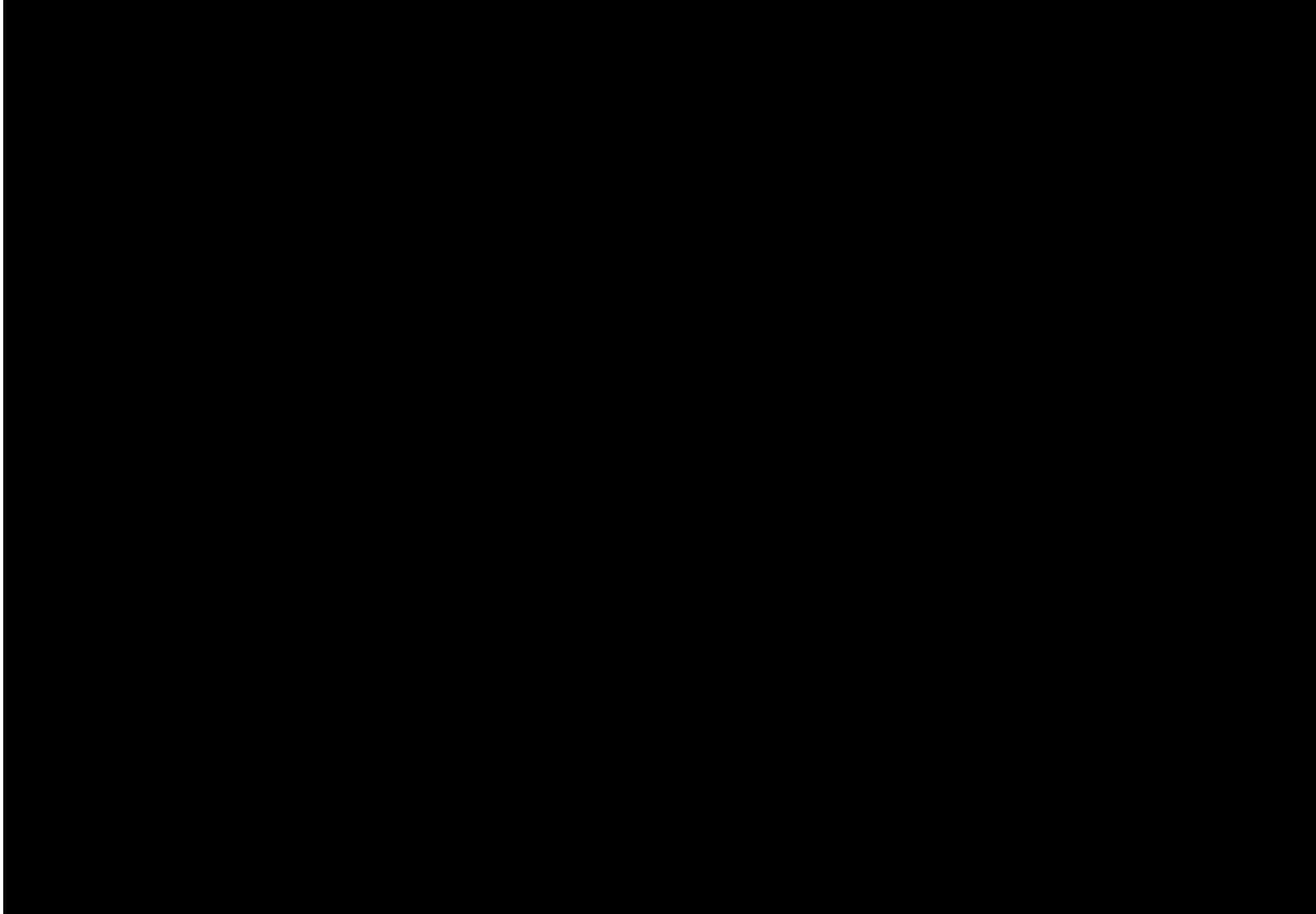


PEC-E
PAD44

No testing occurred as no subsurface impacts expected.
RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.

Proposed change: none.



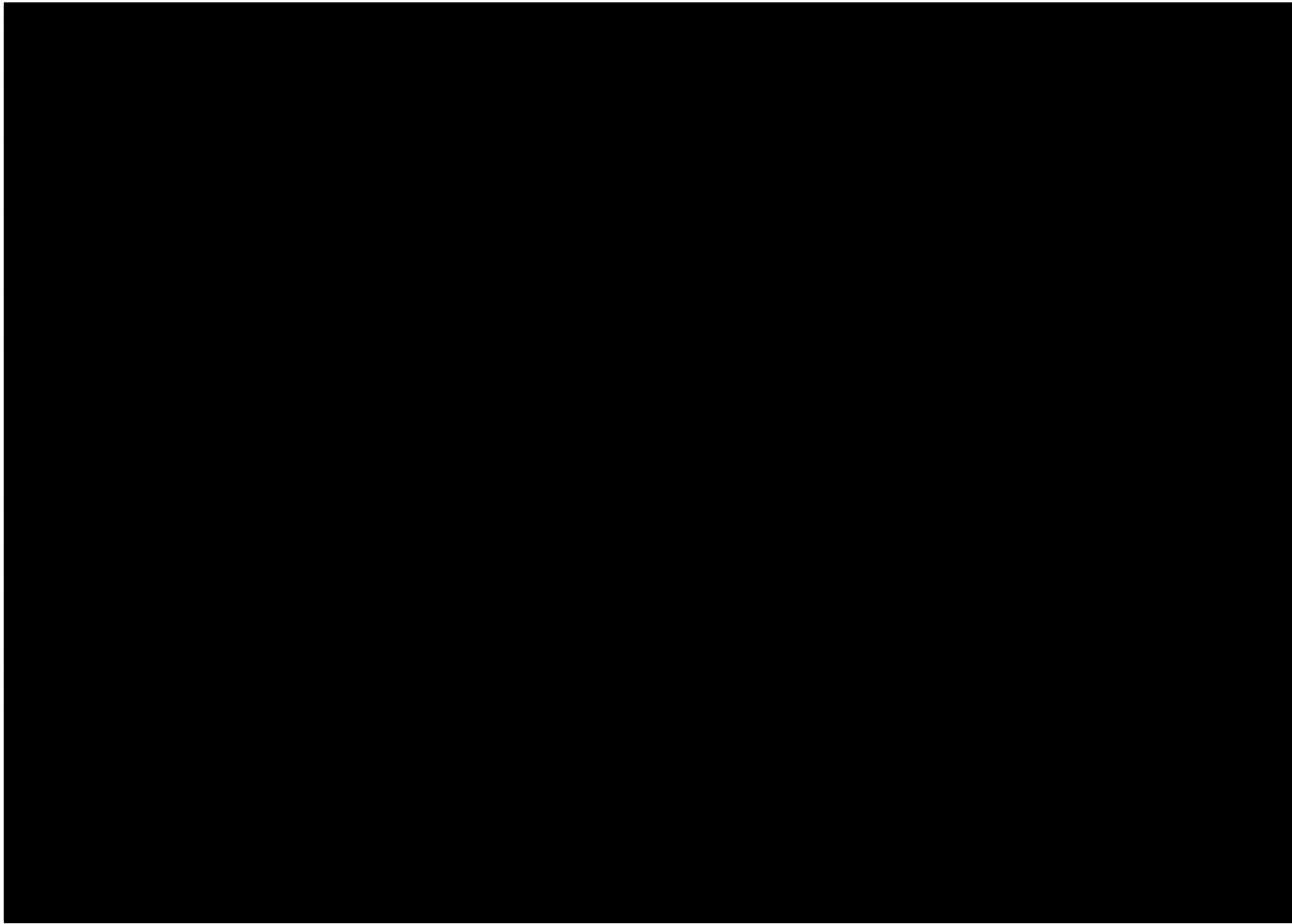
PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD44		



PAD	Addendum ACHAR recommendation	Proposed change and updated recommendation following current assessment
PEC-E PAD45	No testing occurred as no subsurface impacts expected. RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.	Proposed change: Access track through PAD no longer proposed. Clearing vegetation within PAD proposed to maintain Asset Protection Zone (APZ) for Cobb Highway construction compound and accommodation camps. Entire PAD: Cleared for identified impact level per the assumed disturbance category. Any proposed direct ground disturbance/impact (excavation) within PAD requires test excavation per RMM AH4.



PEC-E
PAD45



PEC-E
PAD46

No testing occurred as no subsurface impacts expected.
RMM AH4 recommends test excavation if any direct impacts proposed in this PAD.

Proposed change: None.



PEC-E
PAD46

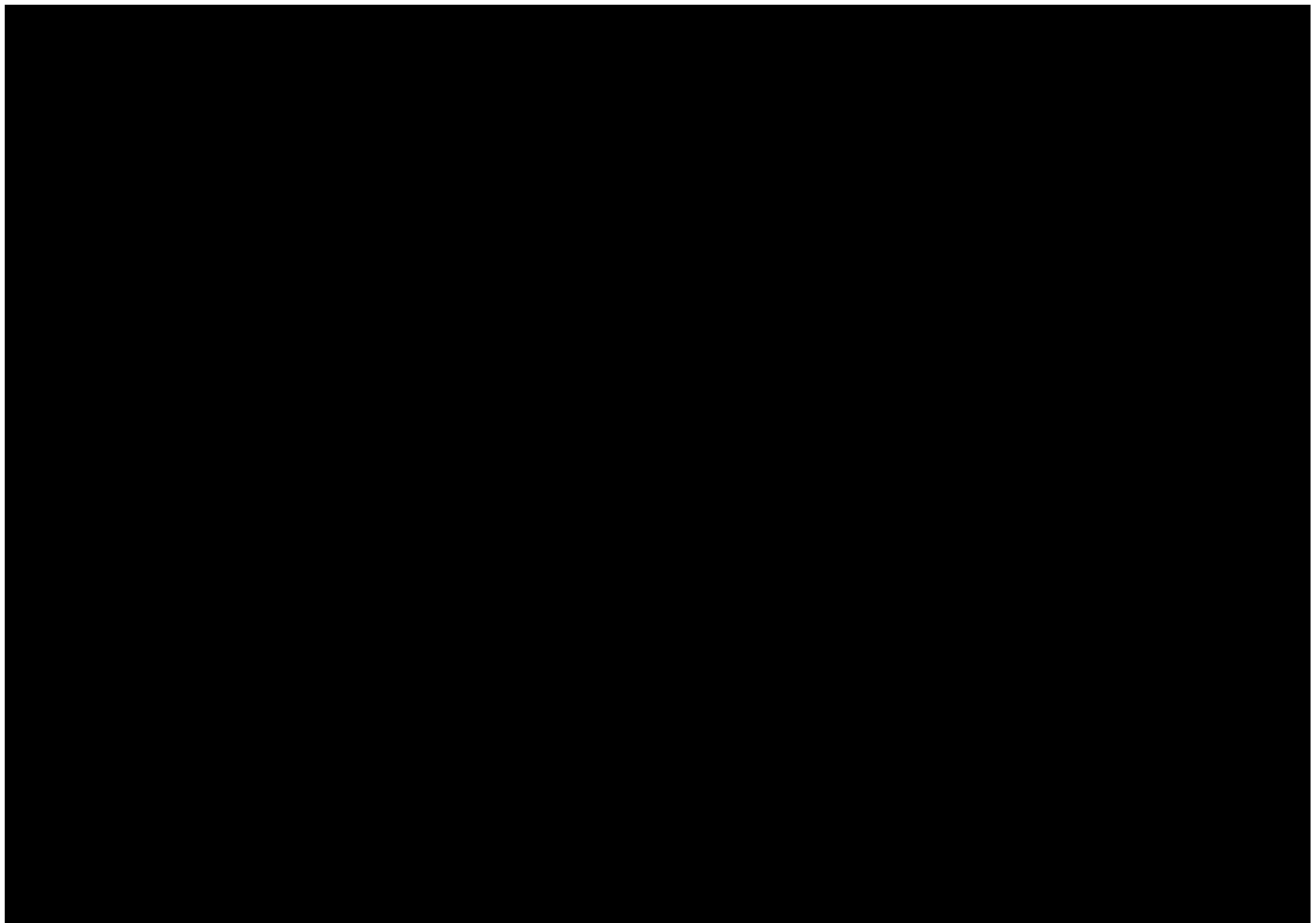






Table 8-3 Updated recommended mitigation measures

Table 8-3 contains the mitigation measures for the project. Additions to the recommended mitigation measures from the Revised ACHAR, are indicated in **blue text**. Deletions from the recommended mitigation measures from the Revised ACHAR are indicated ~~black text with double strikethroughs~~.

No.	Mitigation measures	Timing	Application location(s)
AH1	<p>The finalisation of the proposal design and construction methodology, and associated final disturbance areas, would be developed to avoid harm to features/items of moderate or above Aboriginal heritage significance as far as practical. The objective is to further reduce potential impacts through tower location and design refinement and construction methodology. Avoidance and minimisation of harm to features/items and Potential Archaeological Deposits (PADs) are to be prioritised.</p>	Pre-construction impacts	All locations
AH2	<p>Aboriginal stakeholder consultation would be carried out in accordance with the <i>Aboriginal Cultural Heritage Consultation Requirements for Proponents</i> (DECCW, 2010a).</p> <p>Engagement with Registered Aboriginal Parties (RAPs) would consist of the following:</p> <ul style="list-style-type: none"> • Aboriginal heritage site surveys (AH3) – review of proposed methodologies and involvement in the survey activities in the field (for ground or vegetation disturbance outside of previously surveyed areas) • test excavation activities (AH4) – review of proposed methodologies and involvement in the test excavation activities in the field • review of the draft report/s (relating to surveys (AH3), test excavations (AH4) and scar trees (AH5)), and consultation on the draft reports • provision of final report/s to RAPs (AH3, AH4, AH5) • involvement in establishment of Aboriginal heritage exclusion zones prior to construction commencing at each location (AH7). <p>Further cultural information would be gathered during consultation undertaken in association with these activities.</p>	Pre-construction impacts	All locations



No.	Mitigation measures	Timing	Application location(s)
AH3	<p>Additional assessment would occur in accordance with the <i>Code of Practice for Archaeological Investigations of Aboriginal Objects in NSW</i> (2010) for areas where ground disturbing activities and/or where hazard/high risk tree removal are required in locations outside of the previously surveyed heritage survey area. Where required, additional heritage surveys would be carried out with the RAPs prior to ground disturbing activities occurring in any such areas.</p> <p>If no Aboriginal objects are found or if Aboriginal objects are found and they would not be impacted, then a clearance letter report would be prepared by an archaeologist that documents the findings and gives clearance to proceed.</p> <p>Where Aboriginal objects, scarred trees or area of PAD are located and would be impacted, a draft survey report/s would be prepared for the survey areas. The report(s) would:</p> <ul style="list-style-type: none"> • detail findings of the survey activities • detail where test excavation is required in accordance with AH4 • outline any additional mitigation strategies beyond those required by AH4 to AH13 • be presented to the RAPs for comment. <p>Final reports would be provided to RAPs and to Heritage NSW for their information prior to the commencement of ground disturbing activities in these locations.</p>	Pre-construction impacts	All locations (outside of the previously surveyed heritage survey area) and in identified areas of hazard/high risk tree removal



No.	Mitigation measures	Timing	Application location(s)
AH4	<p>An archaeological subsurface test excavation program would be carried out in parts of any PADs where project activities would have direct impact and a test excavation program has not already been completed in the area of impact (unless an ACHAR indicates that additional test excavation is not required). Direct impacts include grading of tracks and construction areas, excavation for tower construction and tree removal that includes the root ball.</p> <p>Should the finalisation of the project design and construction methodology identify activities that would result in direct impacts in PADs PEC E PAD07, PEC E PAD12, PEC E PAD14, PEC E PAD16, PEC E PAD33 and PEC E PAD43 any PADs where an ACHAR does not indicate clearance or recommend salvage for the proposed activities, archaeological subsurface test excavation would need to occur before there is any direct impact within the relevant PAD.</p> <p>The purpose of the test excavations would be to determine the presence or absence and significance of intact subsurface archaeological deposits to determine the need for any salvage activities. If test excavation confirms that intact subsurface archaeological deposits will be harmed by project activities then salvage excavation can commence immediately following the test excavation, see AH6.</p> <p>Test excavations works would be carried out in accordance with a methodology that is presented to and consulted on with the RAPs.</p> <p>Test excavation addendum report/s to the ACHAR would be prepared to detail the findings of the test excavation activities. Reports would be prepared to detail the findings of the test excavation activities and any associated salvage excavation.</p>	Pre-construction impact in the PAD	PAD areas



No.	Mitigation measures	Timing	Application location(s)
AH5	<p>Harm to scarred trees (including those of cultural significance) would be avoided where possible through design development and construction planning. Scarred trees must only be removed to directly facilitate construction of permanent infrastructure and/or to meet <i>Vegetation Clearance Requirements at Maximum Line Operating Conditions</i> (Transgrid, 2003).</p> <p>If the removal of a scarred tree cannot be avoided, the tree would be subject to 3D scanning, followed by salvage of the scarred trunk. The results of this assessment would be reported on in addendum reports.</p> <p>Reports would be provided to RAPs for comment and to Heritage NSW.</p>	Pre-construction impacts	PEC-E-03 PEC-E-42 PEC-E-77 PEC-E-76 PEC-E-17 PEC-E-48 PEC-E-49 Boiling Down Road 1 (AHIMS #56-1-0001) D-B#22; Booroorban (AHIMS #48-5-0022) (confirmation required may already be destroyed)
AH6	<p>All portions of artefact scatters and isolated finds that are to be directly impacted would require surface collection and salvage prior to construction commencement in those areas.</p> <p>Hearths, mounds and middens would be the subject of photographic recording and samples taken of hearth material prior to disturbance.</p> <p>Additionally, based on the outcomes of the test excavations, the parts of PADs with confirmed intact subsurface archaeological deposits that would be directly harmed by project activities would be subject to salvage excavation prior to those activities commencing. Items of archaeological significance would be managed in accordance with measures set out in AH12.</p> <p>The activities would be documented in a salvage report.</p>	Pre-construction impacts	All artefact scatters, hearths and PADs PADs requiring salvage excavations: PEC E-PAD03, PEC E-PAD18, PEC E-PAD22, PEC E-PAD40 to be determined following the result of AH4 test excavations



No.	Mitigation measures	Timing	Application location(s)
AH7	<p>Aboriginal heritage exclusion zones would be established to protect sites, including:</p> <ul style="list-style-type: none"> known features/items of significance that have been identified to remain in-situ throughout construction (and not subject AH6) scarred trees that are to remain in-situ any portions of PADs that become a known site following subsurface testing and which are identified for no impact. <p>Suitable controls would be identified in the Heritage Management sub-plan, which may include temporary site fencing and sediment control. The sites on Benanee Road and Holbrook Road may be identified through the use of signage due to their proximity to the road. Aboriginal heritage zones would be demarcated by a suitably qualified archaeologist in consultation with the RAPs prior to the commencement of construction at each location.</p> <p>PADs in locations where vegetation clearing is required but there would be no ground disturbance would be managed through construction methodologies and would not be delineated as exclusion zones. These methodologies would be developed in the Heritage Management sub-plan.</p>	Pre-construction impacts	<p>All sites confirmed with the final construction impact area and disturbance areas to not be directly impacted</p> <p>Benanee Road sites:</p> <p>PEC-E-106</p> <p>PEC-E-107</p> <p>PEC-E-108</p> <p>PEC-E-109</p> <p>Holbrook Road site:</p> <p>PEC-E-118</p>
AH8	<p>Any existing access tracks in areas of PAD that require upgrading for use during construction would not be the subject of direct ground disturbance such as grading. Any new or existing tracks in areas of PAD for which an ACHAR does not indicate clearance for the identified impact level or recommend salvage (without test excavation) would not be the subject of direct ground disturbance such as grading.</p> <p>The methodology to be used for the upgrade and installation would be designed to avoid this disturbance and may include laying of geotextile on the surface.</p> <p>If avoidance is not possible, then additional test excavation would be required and salvage completed as necessary prior to works commencing (in accordance with AH4 and AH6).</p>	Construction	<p>Locations where existing access tracks are required to be upgraded in areas of sites and PADs</p> <p>Access tracks within PADs</p>
AH9	<p>Construction planning and management would make sure that indirect impacts that could potentially result in a loss of known heritage values due to harm would not occur. Indirect harm could result from physical disturbance from surface water drainage or construction workers driving over sites that are to be protected.</p>	Construction	All locations



No.	Mitigation measures	Timing	Application location(s)
AH10	<p>Cultural heritage awareness training would be carried out for all personnel working on the proposal prior to the personnel participating in construction activities. The training shall cover features of heritage significance within and adjacent to proposal locations and proposal protocols that must be complied with to minimise and manage potential impacts to those features.</p> <p>Specific cultural awareness training would occur for relevant project personnel prior to activities along Benanee Rd. The training would cover the sites and associated access restrictions.</p>	Construction	All locations Benanee Road sites: PEC-E-106 PEC-E-107 PEC-E-108 PEC-E-109
AH11	<p>If at any time during construction, any items of potential Aboriginal archaeological or cultural heritage significance, or human remains are discovered outside of previously recorded sites or PAD, they would be managed in accordance with an Aboriginal heritage unexpected finds protocol aligned with the protocol in Appendix 3 of the Revised Aboriginal Cultural Heritage Report.</p>	Construction	All locations
AH12	<p>Retrieved archaeological materials would be stored in appropriate, secure facilities confirmed in consultation with the relevant Aboriginal stakeholders.</p> <p>The strategy for the long-term conservation of salvaged or collected Aboriginal objects would be determined in consultation with the RAPs.</p>	Construction	As relevant
AH13	<p>Features/items of heritage significance that would remain in-situ within the transmission line easement would be mapped and recorded within GIS systems managed by Transgrid and would be entered on the NSW Aboriginal Heritage Information Management System (AHIMS). Relevant Transgrid systems and procedures would be updated as required with protocols that would be implemented during operation to ensure that impacts to the features/items of significance do not occur during maintenance activities.</p>	Operation	Transmission line
AH14	<p>No widening of Benanee Road. If regrading of Benanee Road is required, spoil would be pushed to the opposite side of the road to the sites present.</p>	Construction	PEC-E-106 PEC-E-107 PEC-E-108 PEC-E-109
AH15	<p>Limit ground disturbance associated with road maintenance/surface rectification of Benanee Road and Holbrook Road to within the existing graded paved/unpaved road surface. Site PEC-E-106 will be fenced during all construction activities in the area.</p>	Construction	PEC-E-106 PEC-E-107 PEC-E-108 PEC-E-109



No.	Mitigation measures	Timing	Application location(s)
AH16	Avoid project-related vehicles and plant accessing the wayside/verge and any project activities which could cause ground disturbance, except as necessary to install and use site access points at the transmission line crossing and install traffic management signage.	Construction	PEC-E-107
AH17	Include sites on Sensitive Area Plans and project GIS/GPS systems.	Construction	All sites and PADs



Please be aware the following Appendix 1 includes an image of Aboriginal Ancestral human remains





Appendix 1

A note on the human remains recorded at Benanee Road, Balranald

This appendix provides a brief overview of the human lower jaw (mandible) recorded on the road wayside, Benanee Road, Balranald (see Figure A1-1). The following anatomical features were observed as supporting the identification of the mandible (lower jaw) as human:

- Short and thick and relatively even height/thickness of the mandibular body.
- Antero-posteriorly (front-back) short body.
- Ramus likely to be narrow and arises from above the location of the distal molars.
- Outline of the alveolar arch parabolic in shape.
- Dental alveoli indicate square to rectangular molar shapes with multiple premolar and molar roots.
- Mental foramen located below the premolars.
- Mandibular body fused in the midline.
- External symphysis exhibits a clear mental trigone with lateral concavities.

These features are unique to humans and serve to clearly distinguish them from native mammals including the eastern grey kangaroo and domesticated stock such as sheep (see Figure A1-2) which are common in the area today.

The remains are also likely to be from an infant perhaps aged 2-4 years (see Figure A1-3). Compared to older individuals (see Figure A1-3), the body of the Benanee Road jaw is small, it would have had erupted dentition with the molar roots occupying a relatively large amount of space in the alveolar arch, and the chin is keeled rather than being mounded as it is in older children and adults.

The coating of sedimentary matrix, especially as included within the alveoli, as well as its general preservation (i.e., mineralized and weathered) indicates it was buried within the dune and probably associated with an archaeological deposit. Several kangaroo bones were also observed on the surface adjacent to the human remains which exhibited similar preservation and attached matrix.

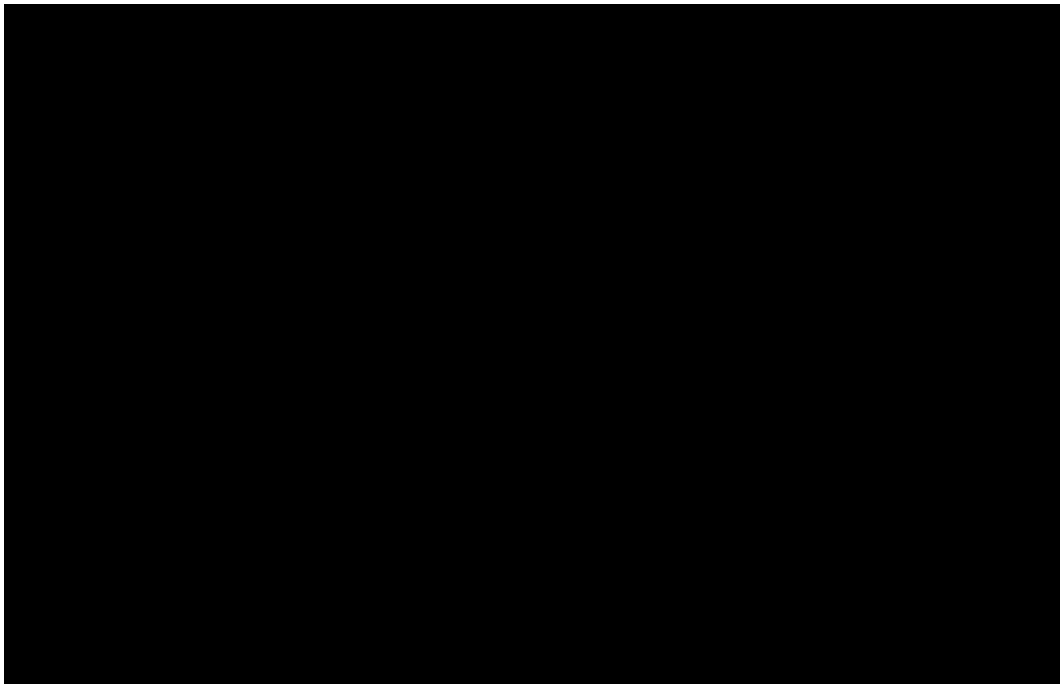




Figure A1-2 Eastern grey kangaroo (above) and sheep (below)

(Source: Above: insight.latrobe.edu.au. Below: animal diversity web)

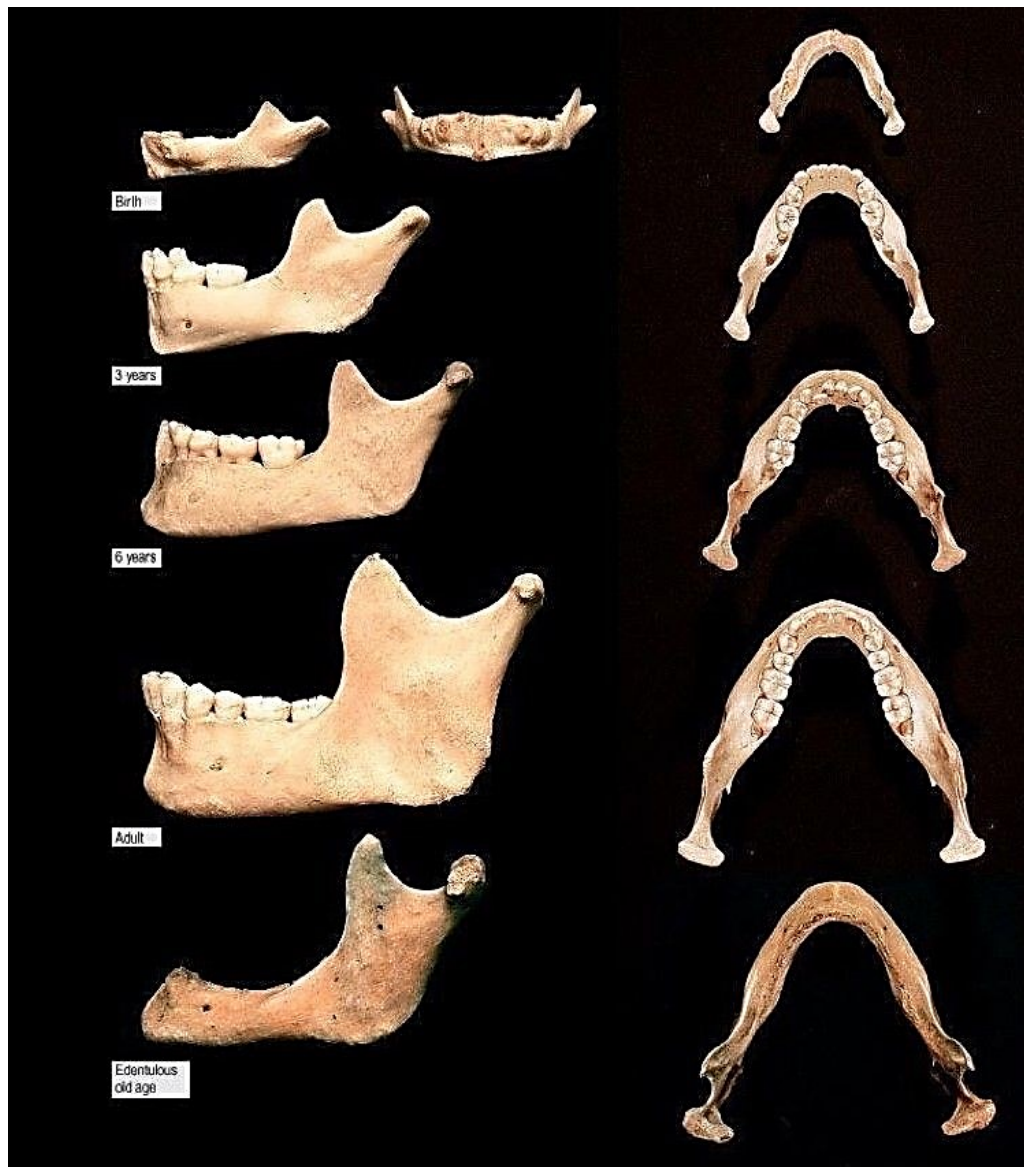


Figure A1-3 Human mandible at various ontogenetic ages

(Source: Grays Anatomy Online)



Appendix 2

Consultation records

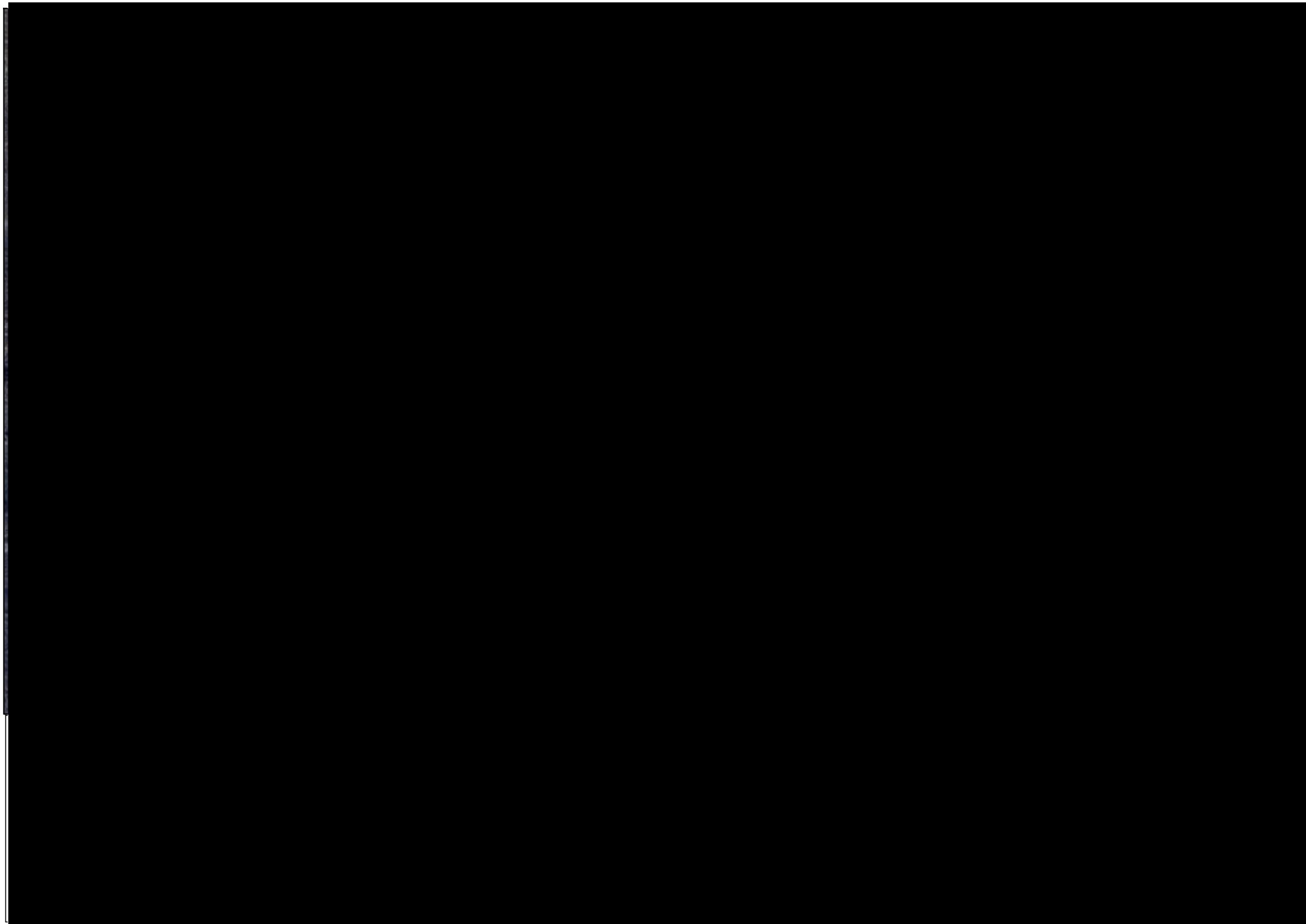
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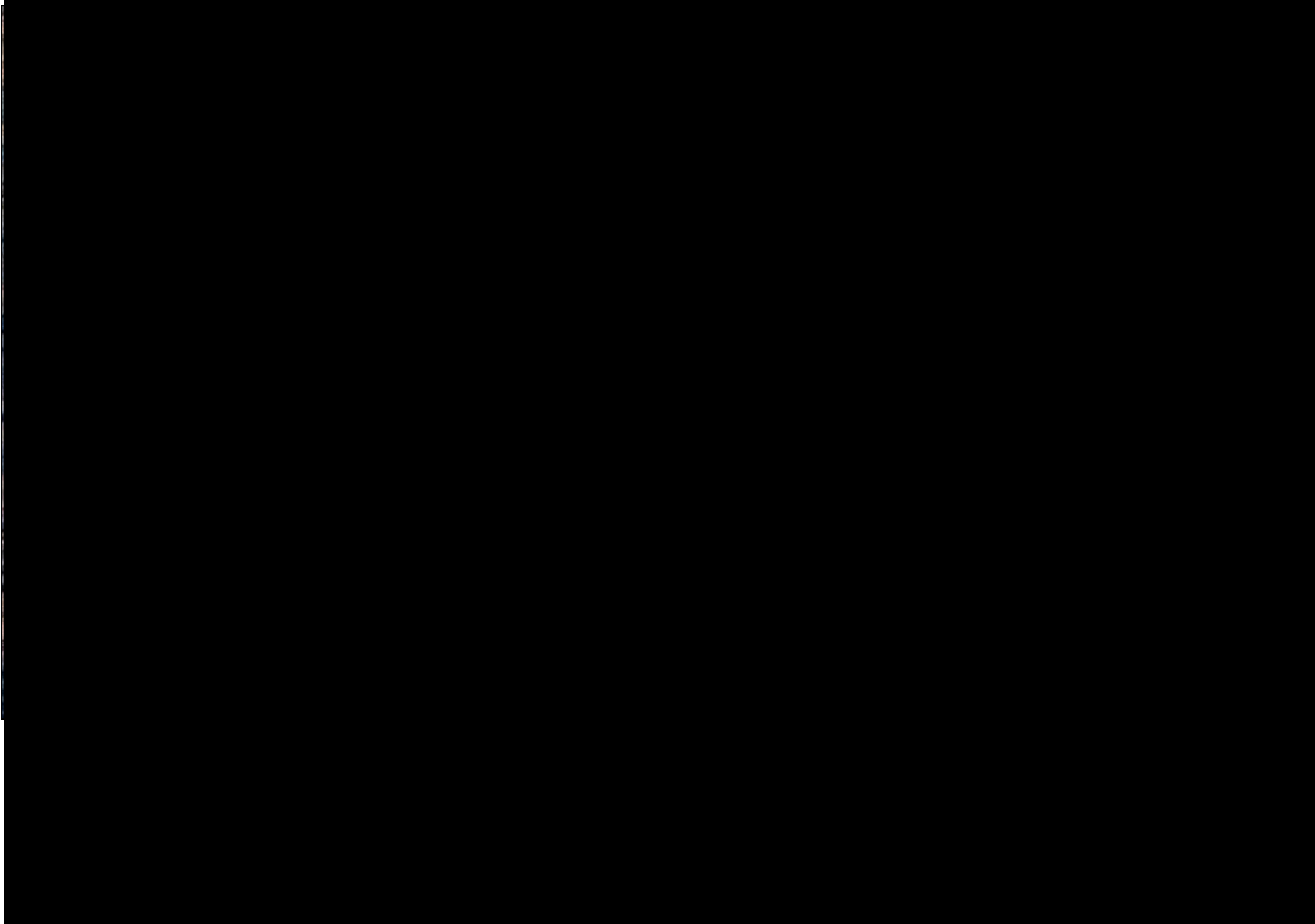


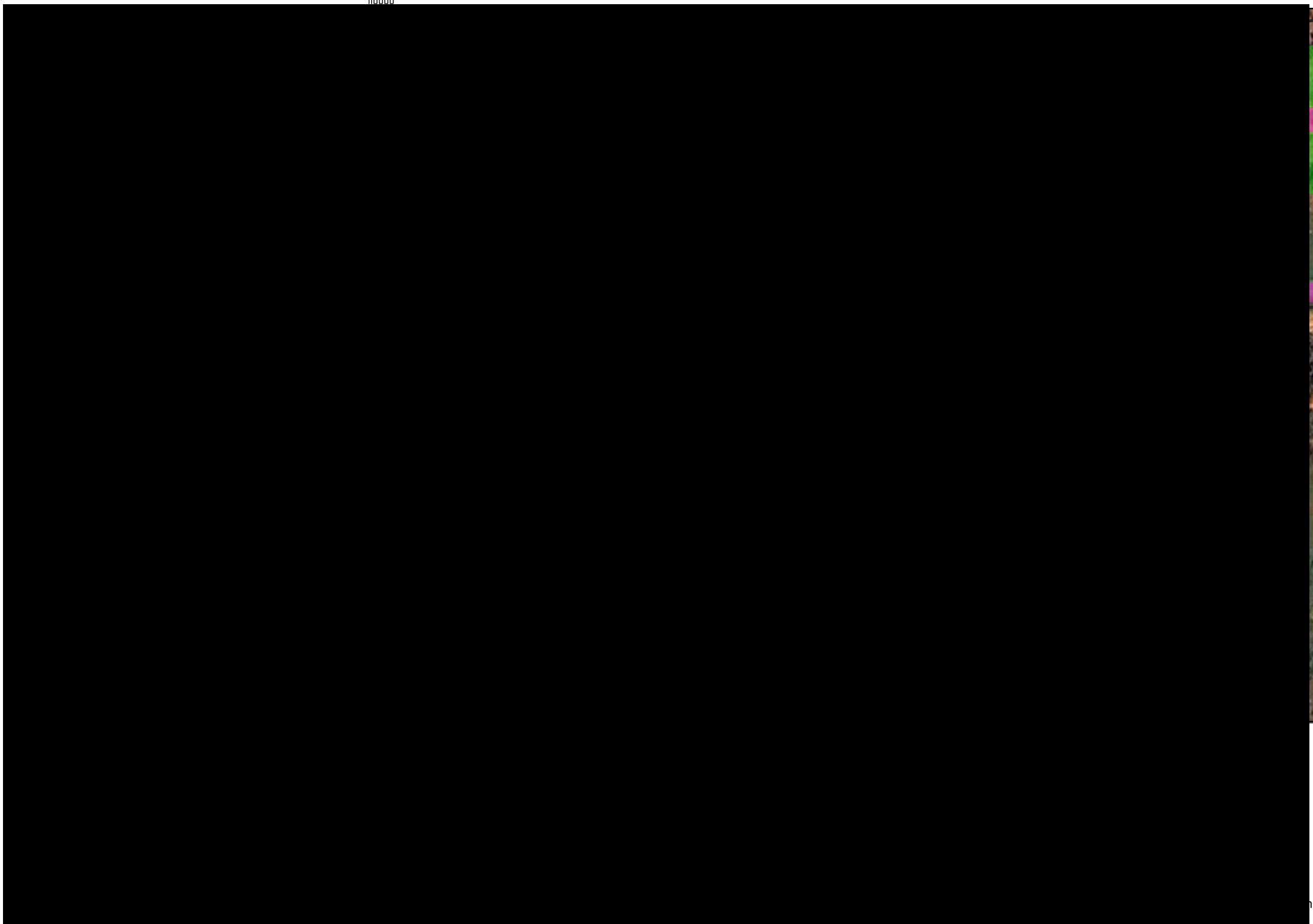
Appendix 3

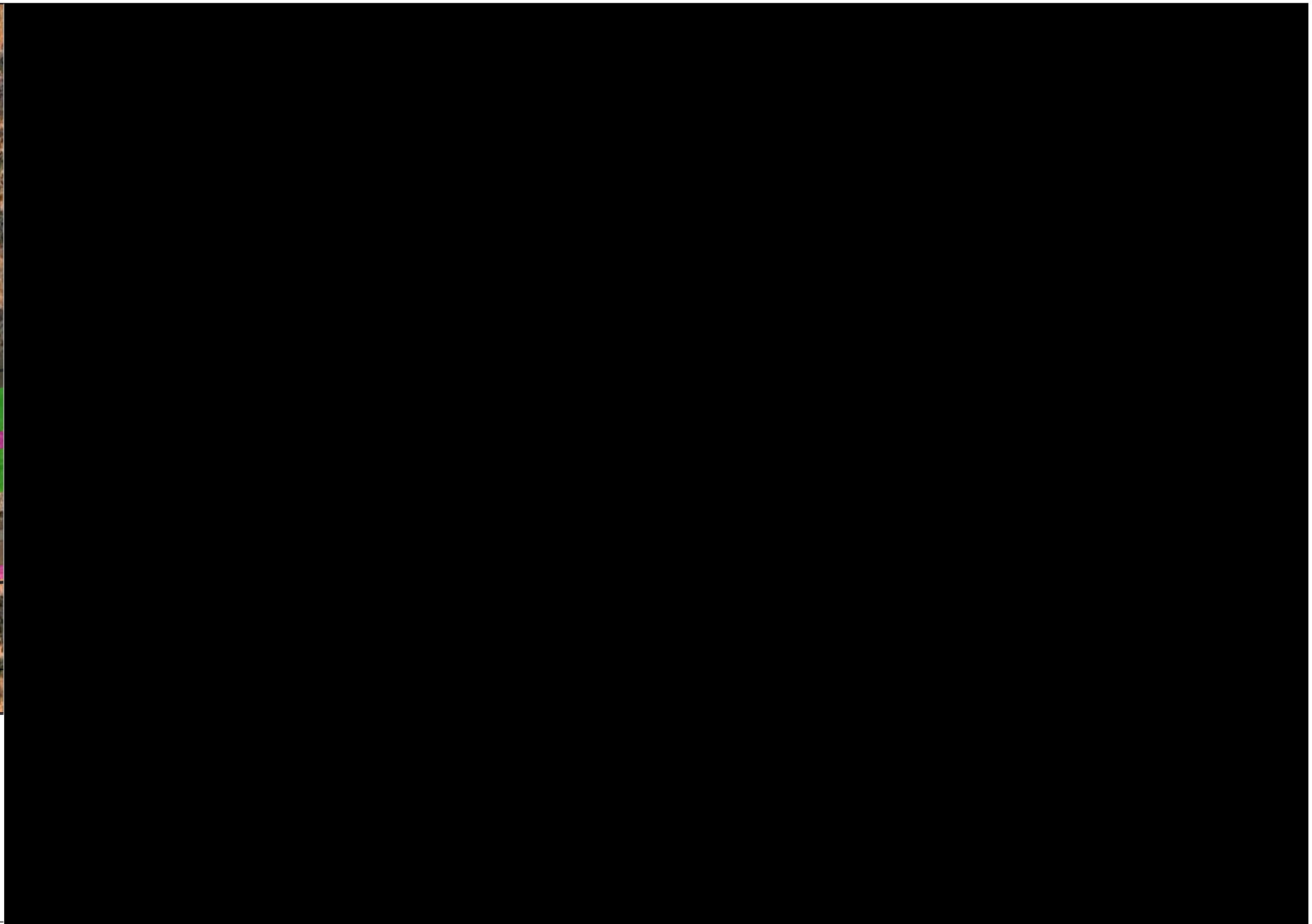
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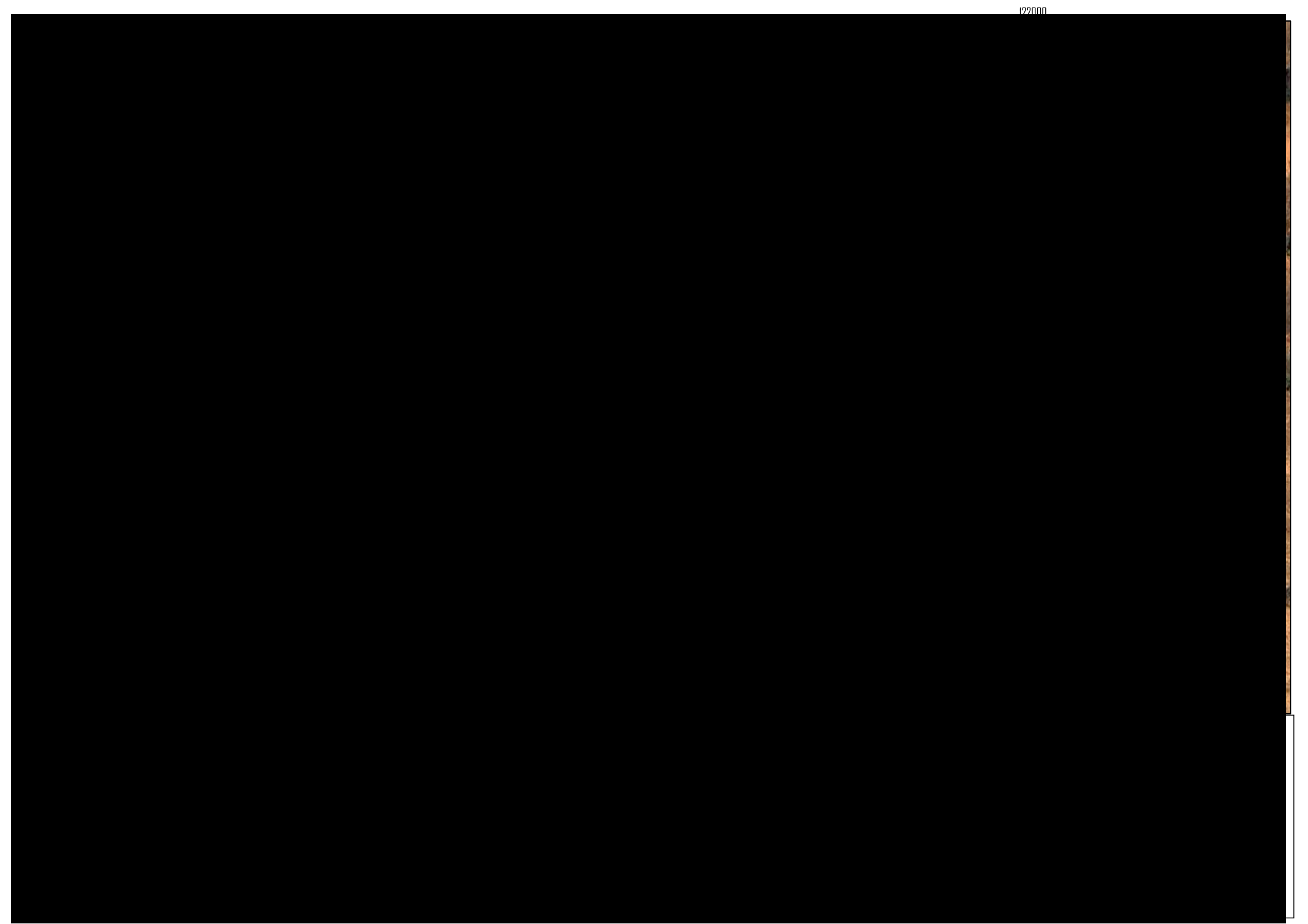
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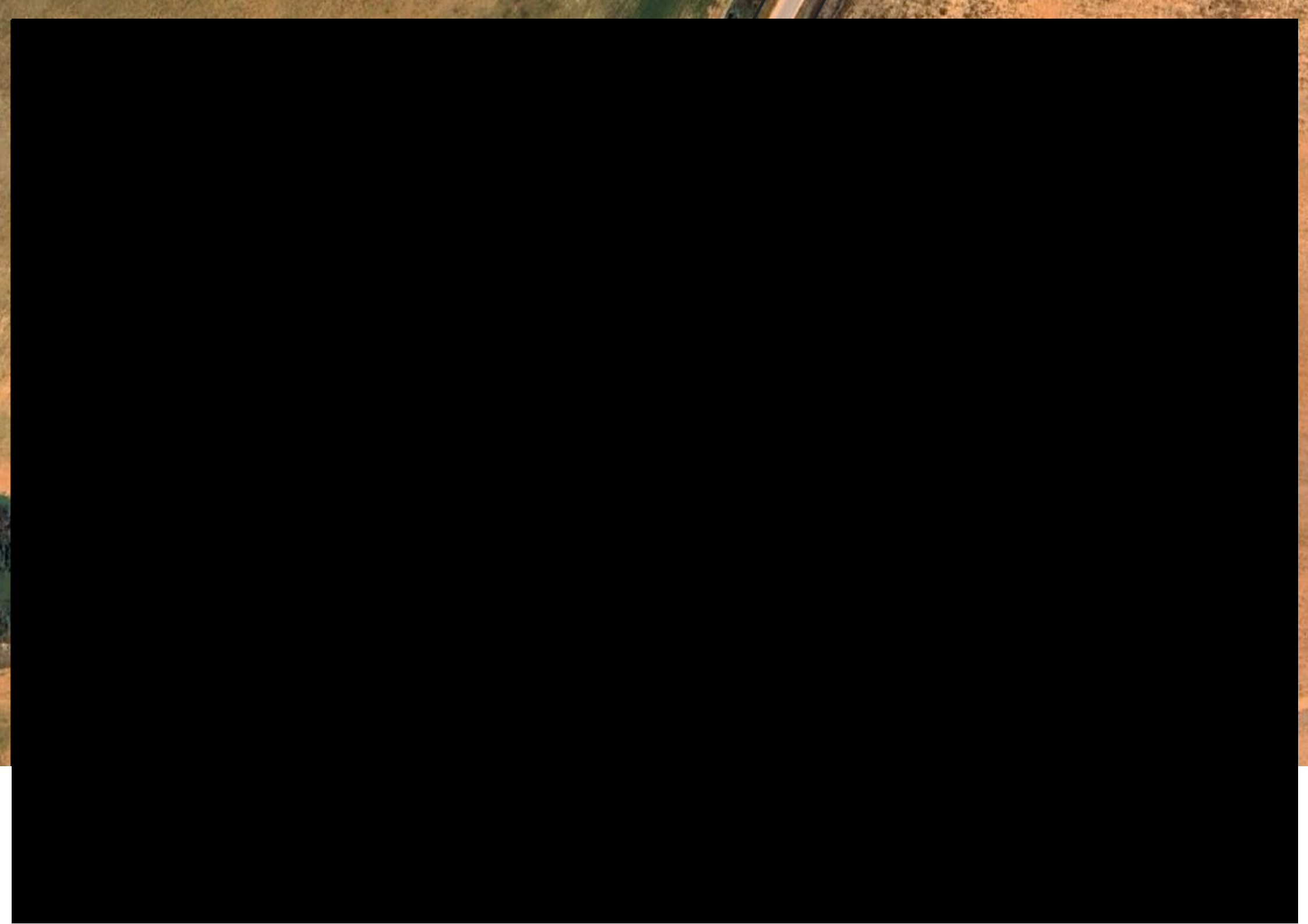


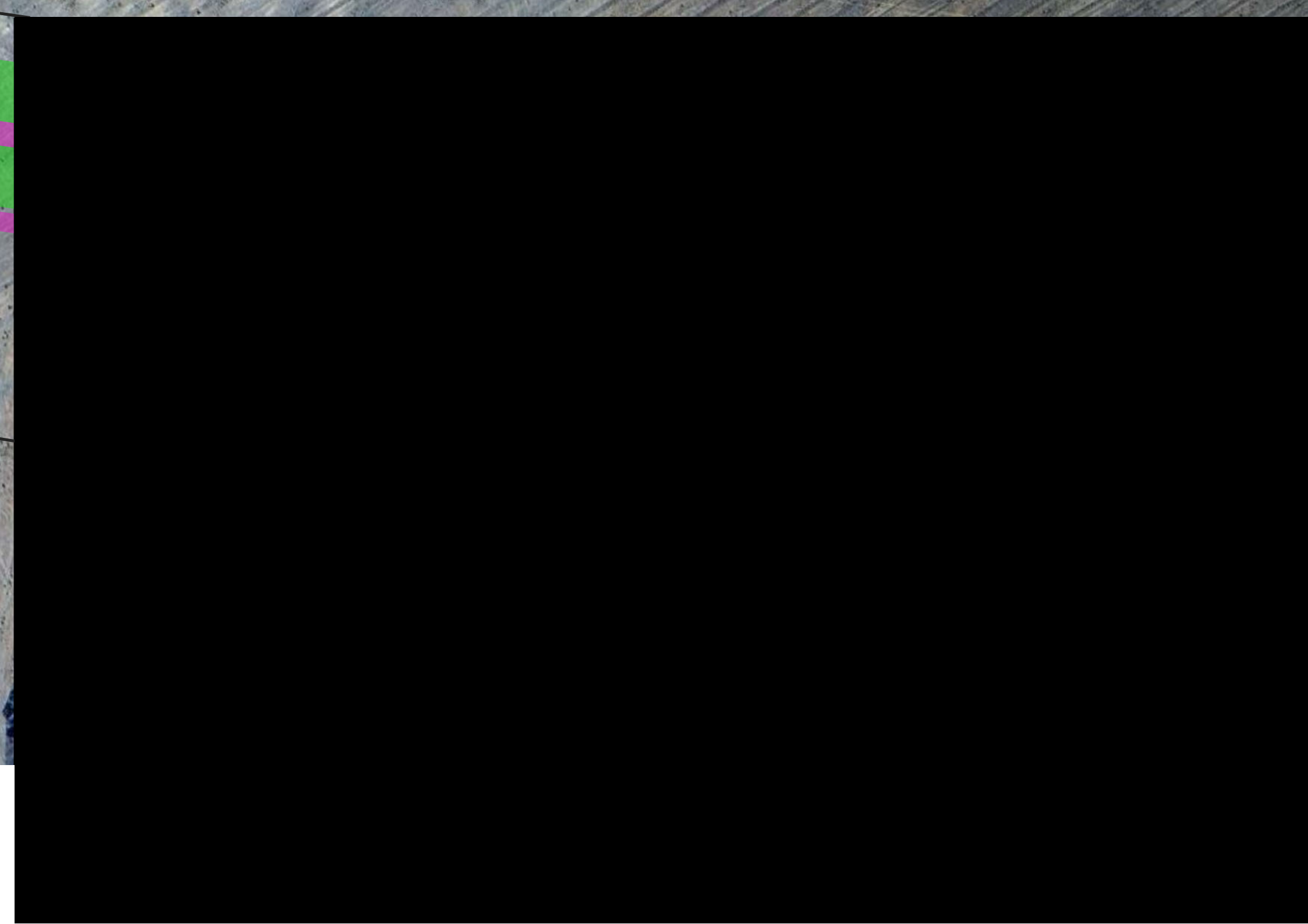






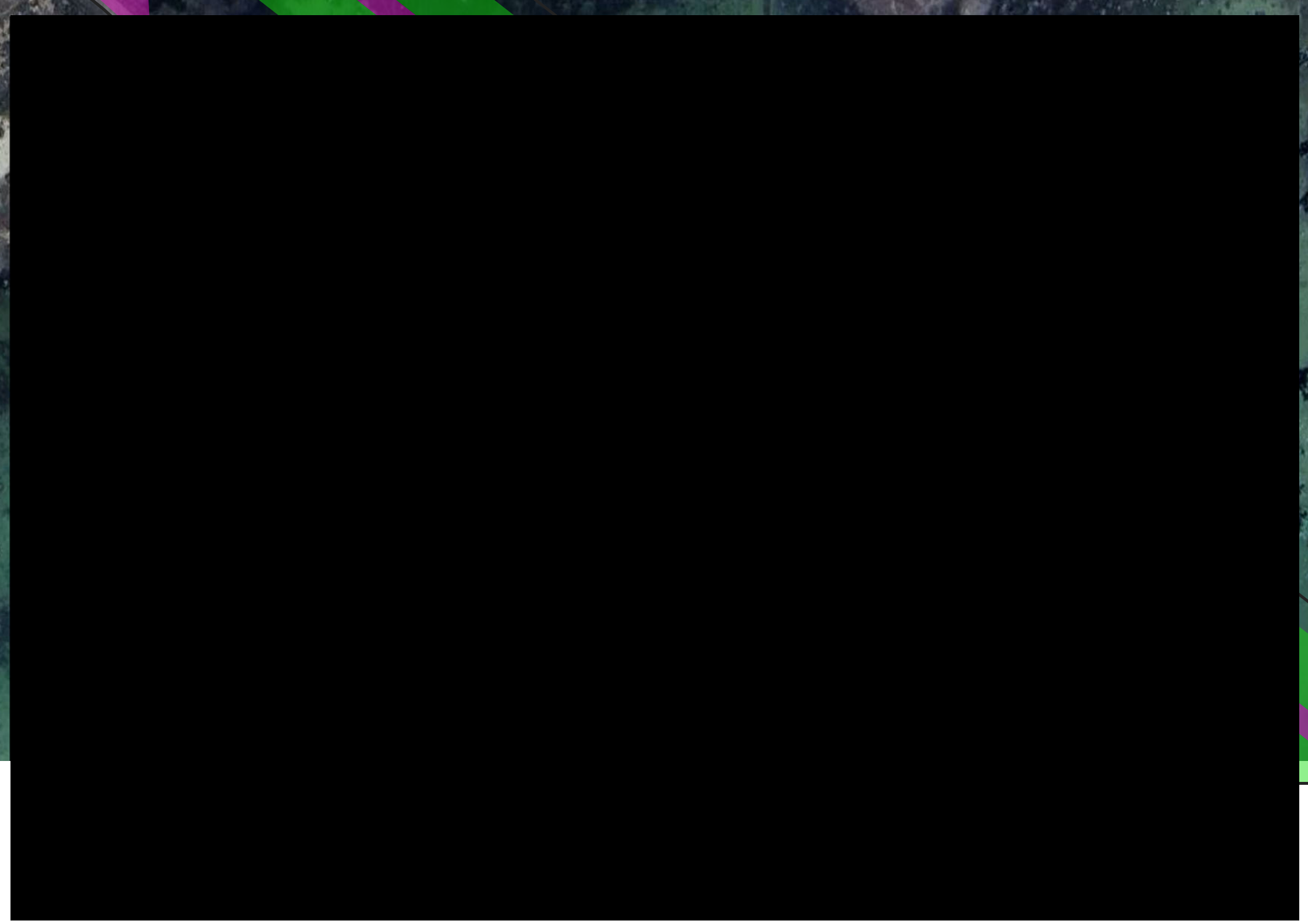


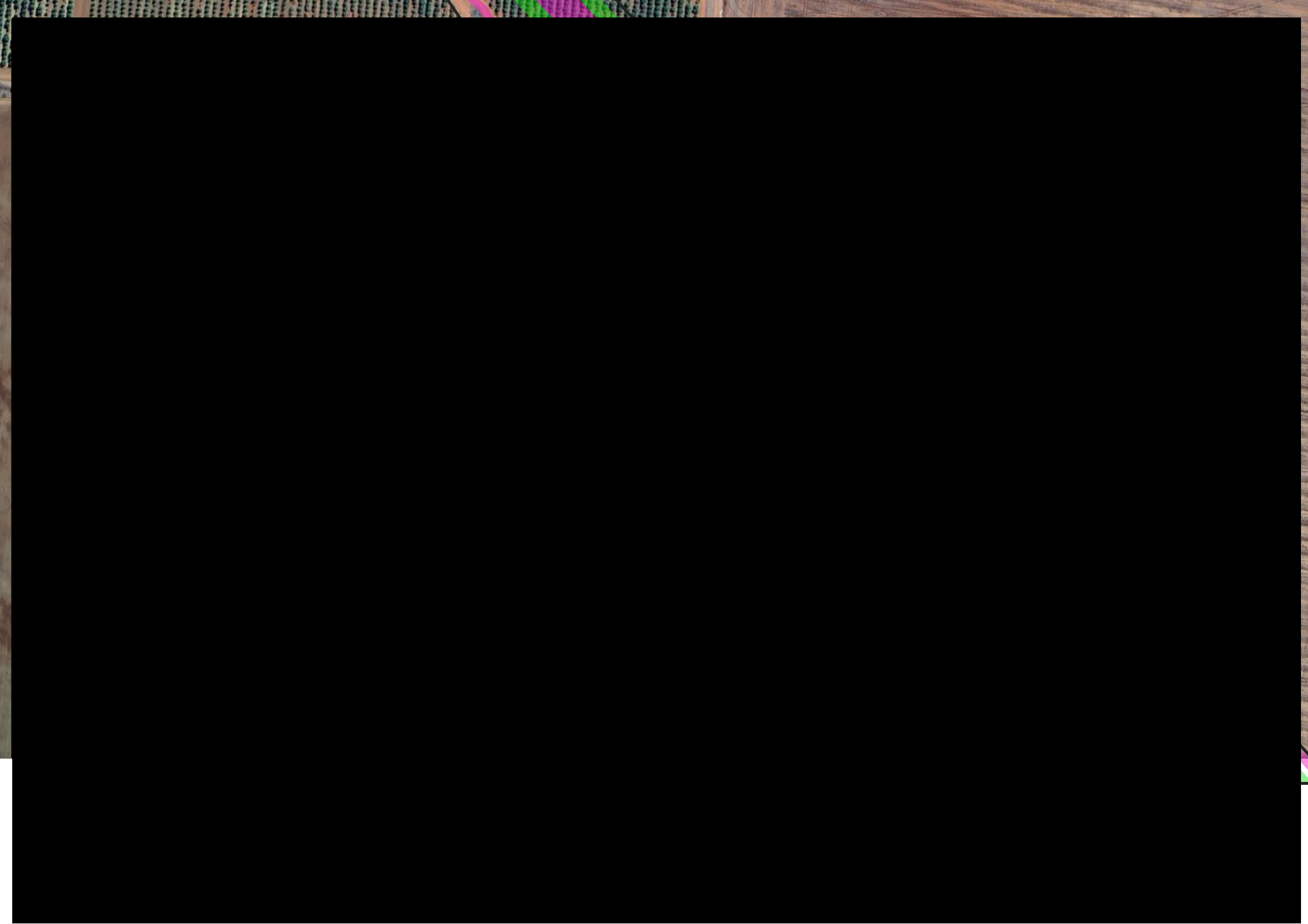


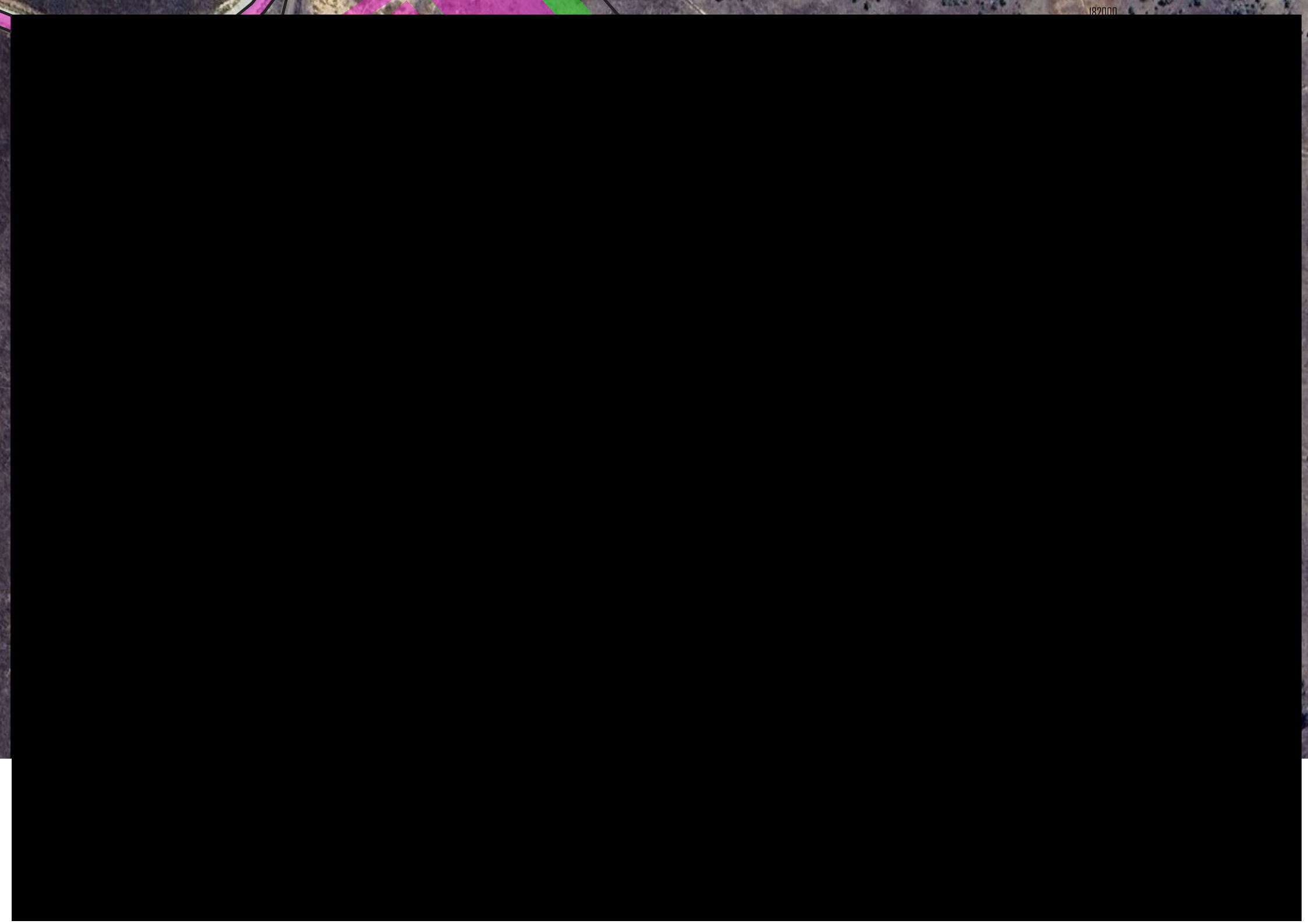






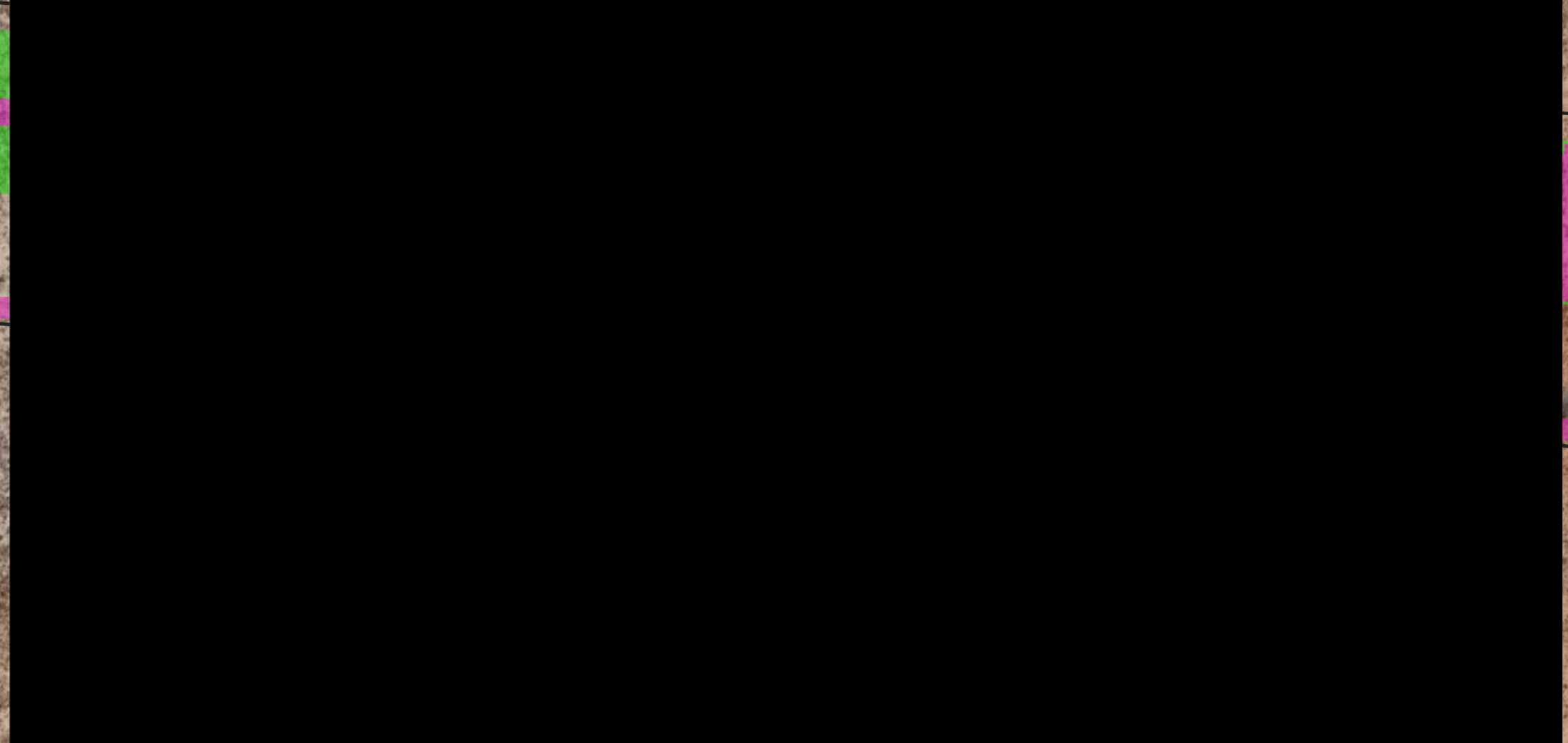








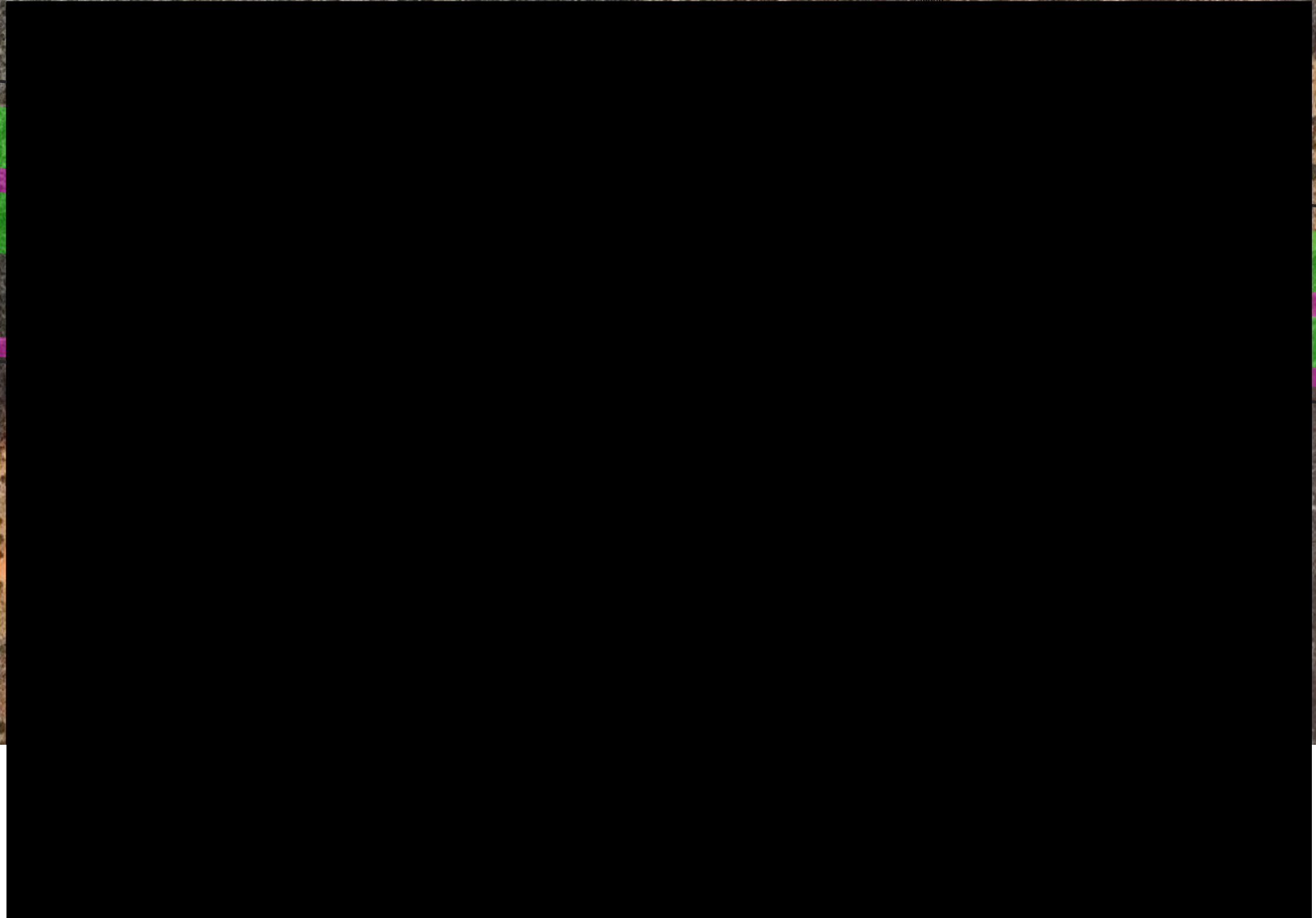


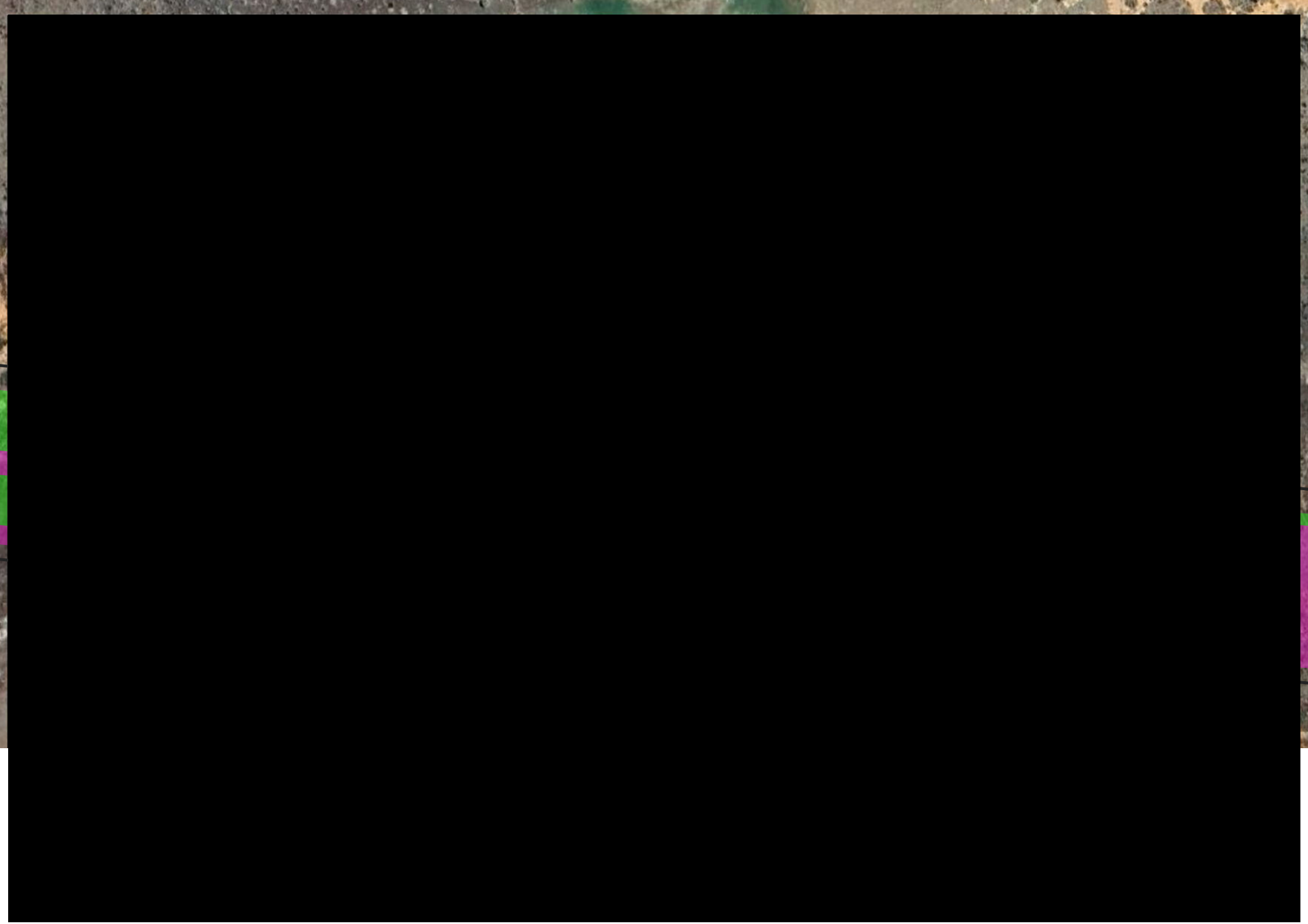


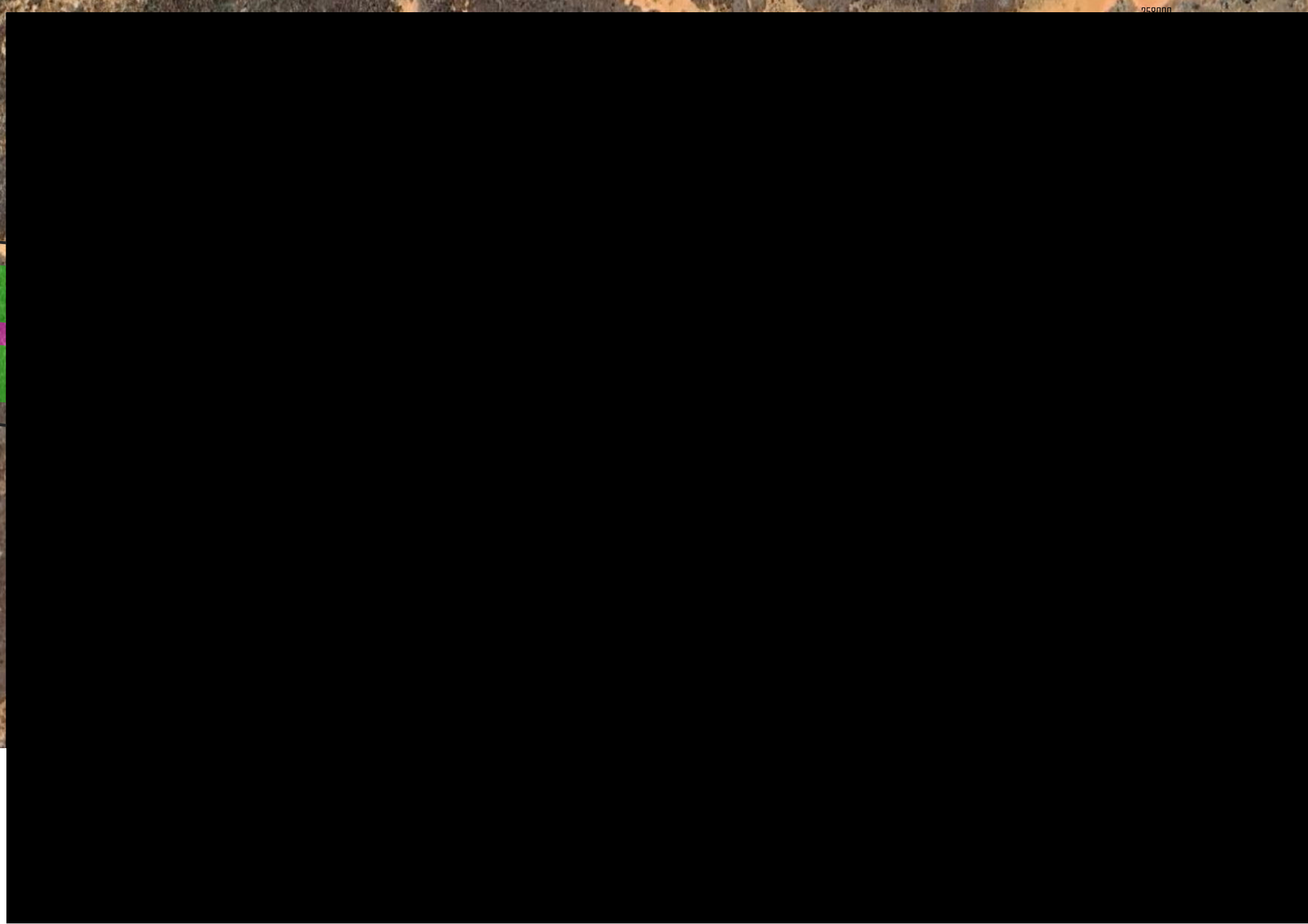
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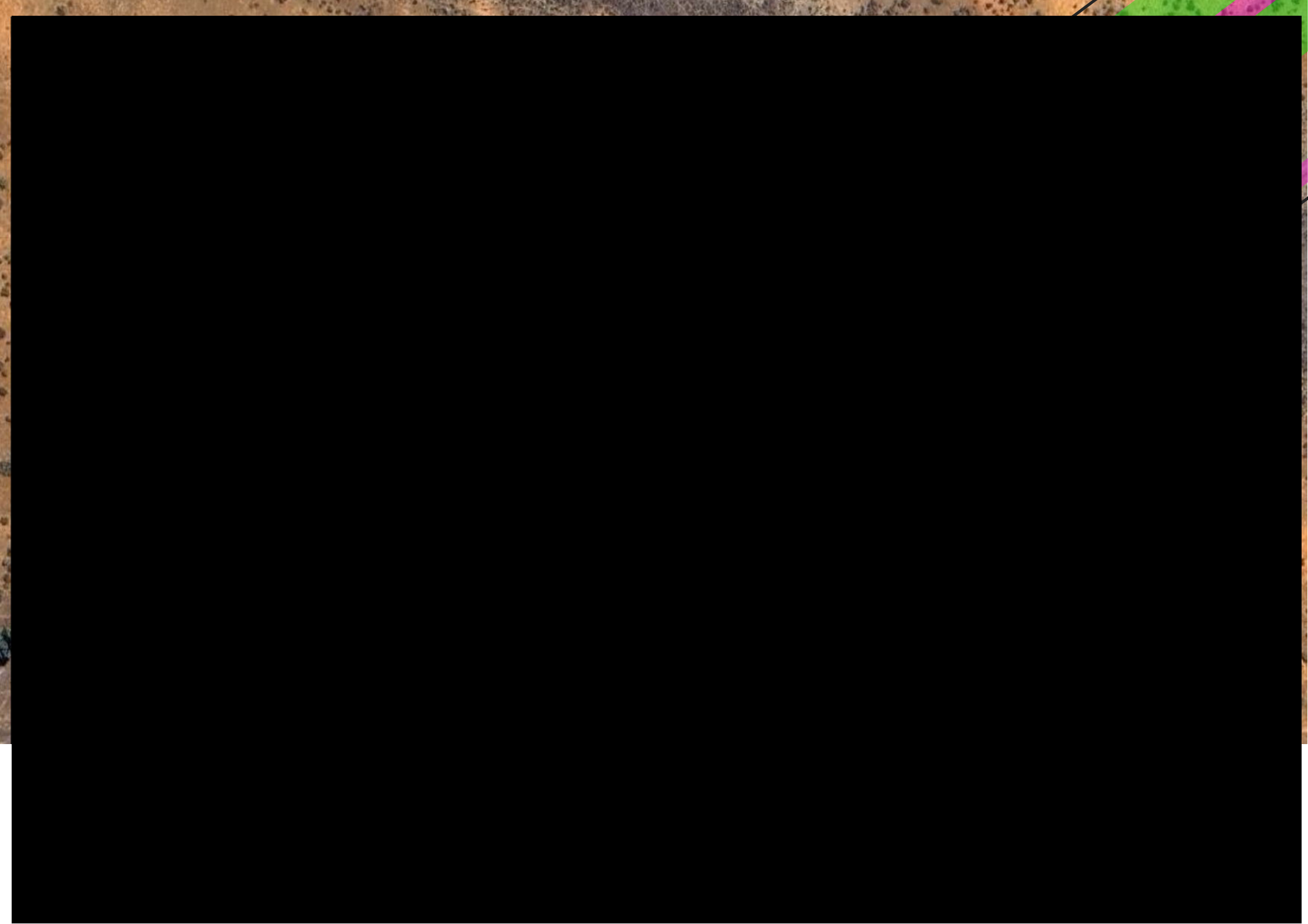
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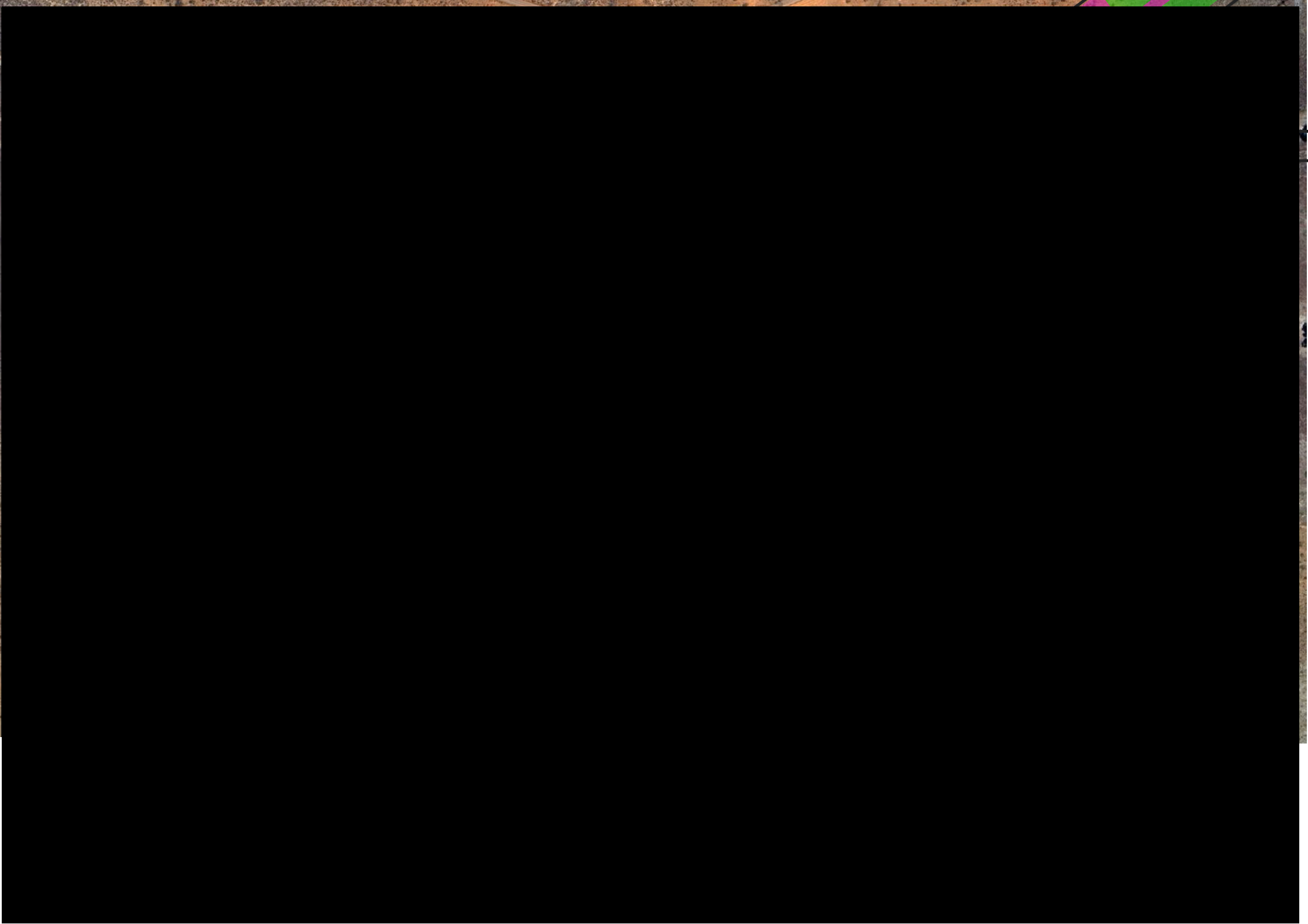




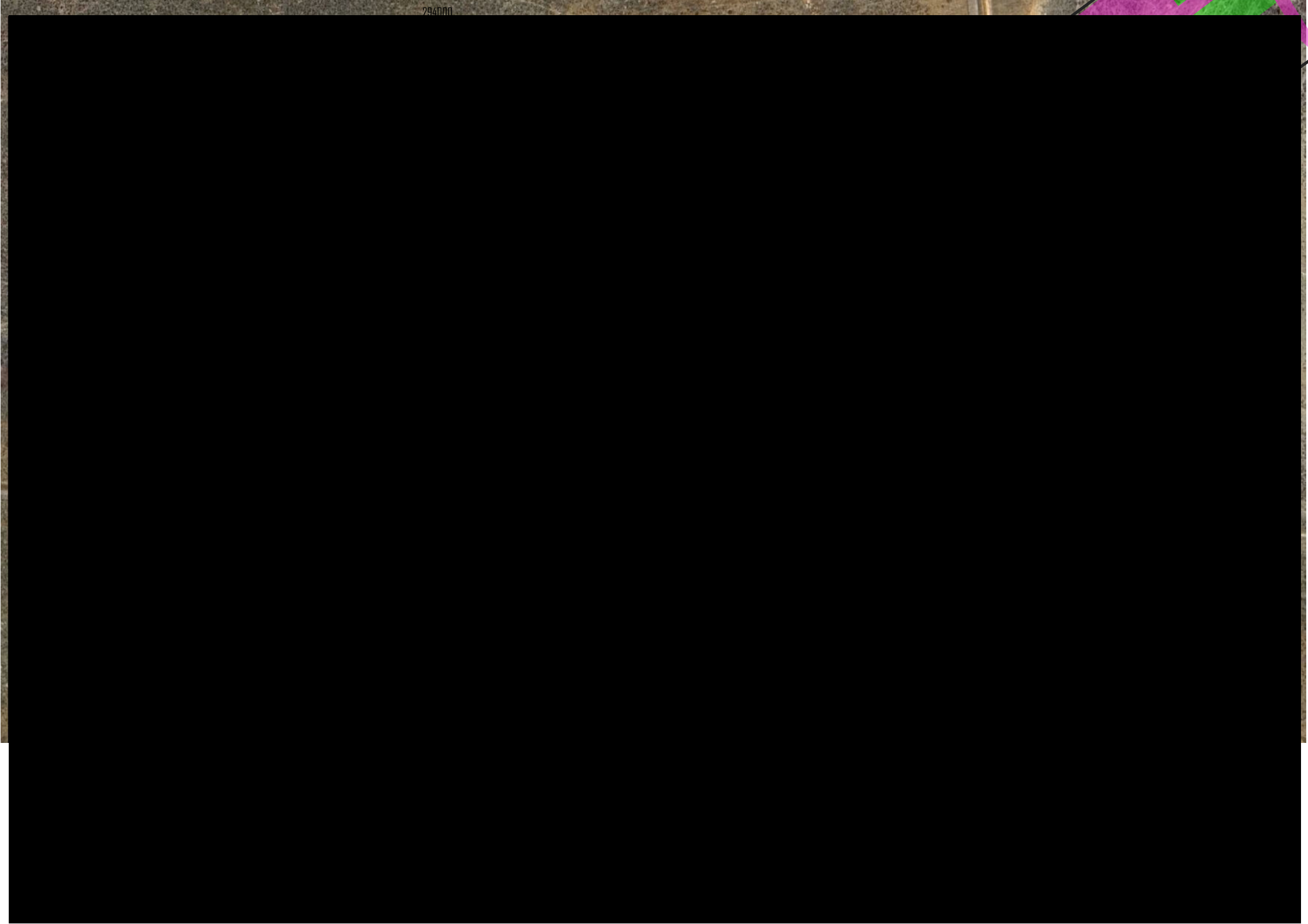


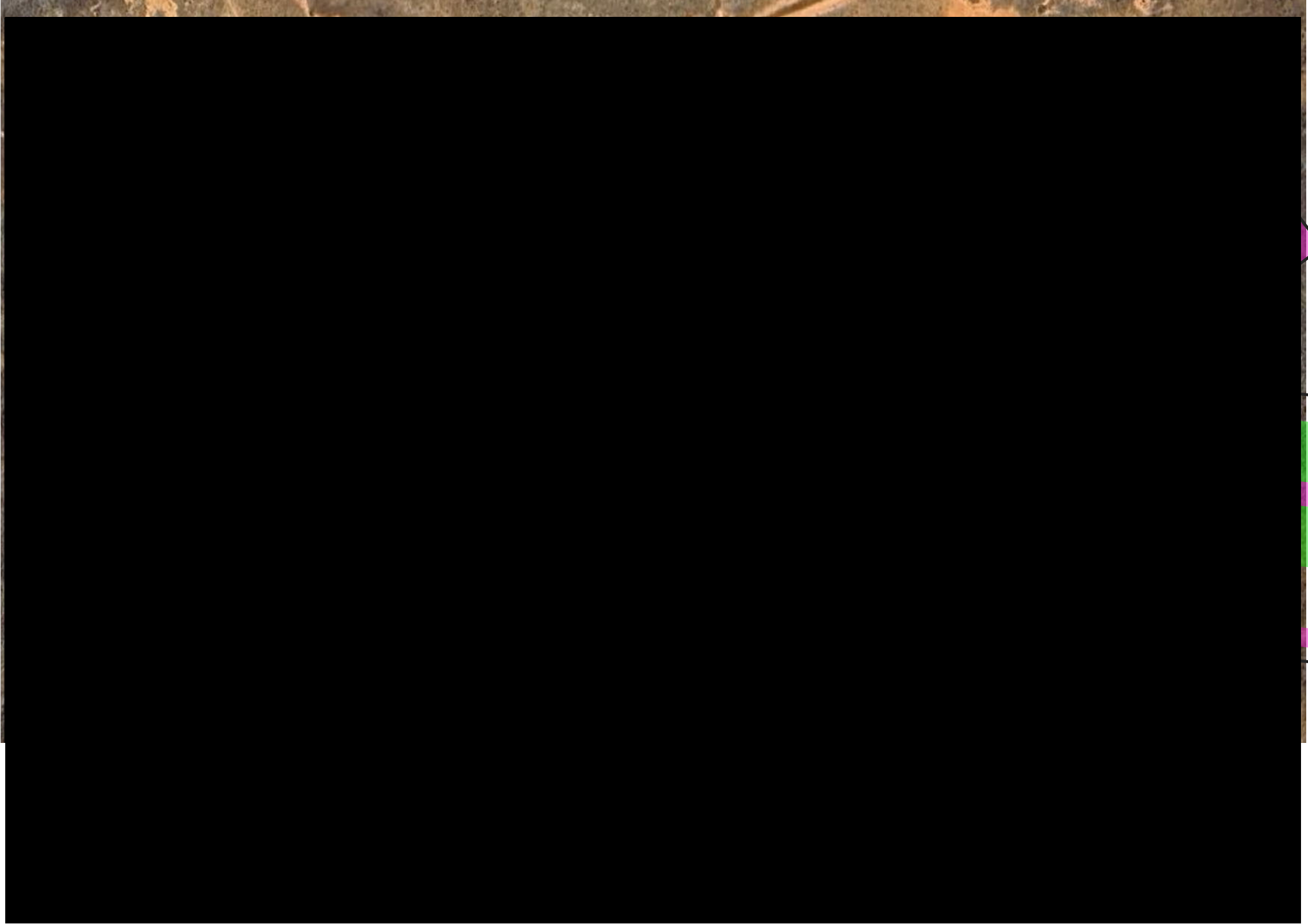






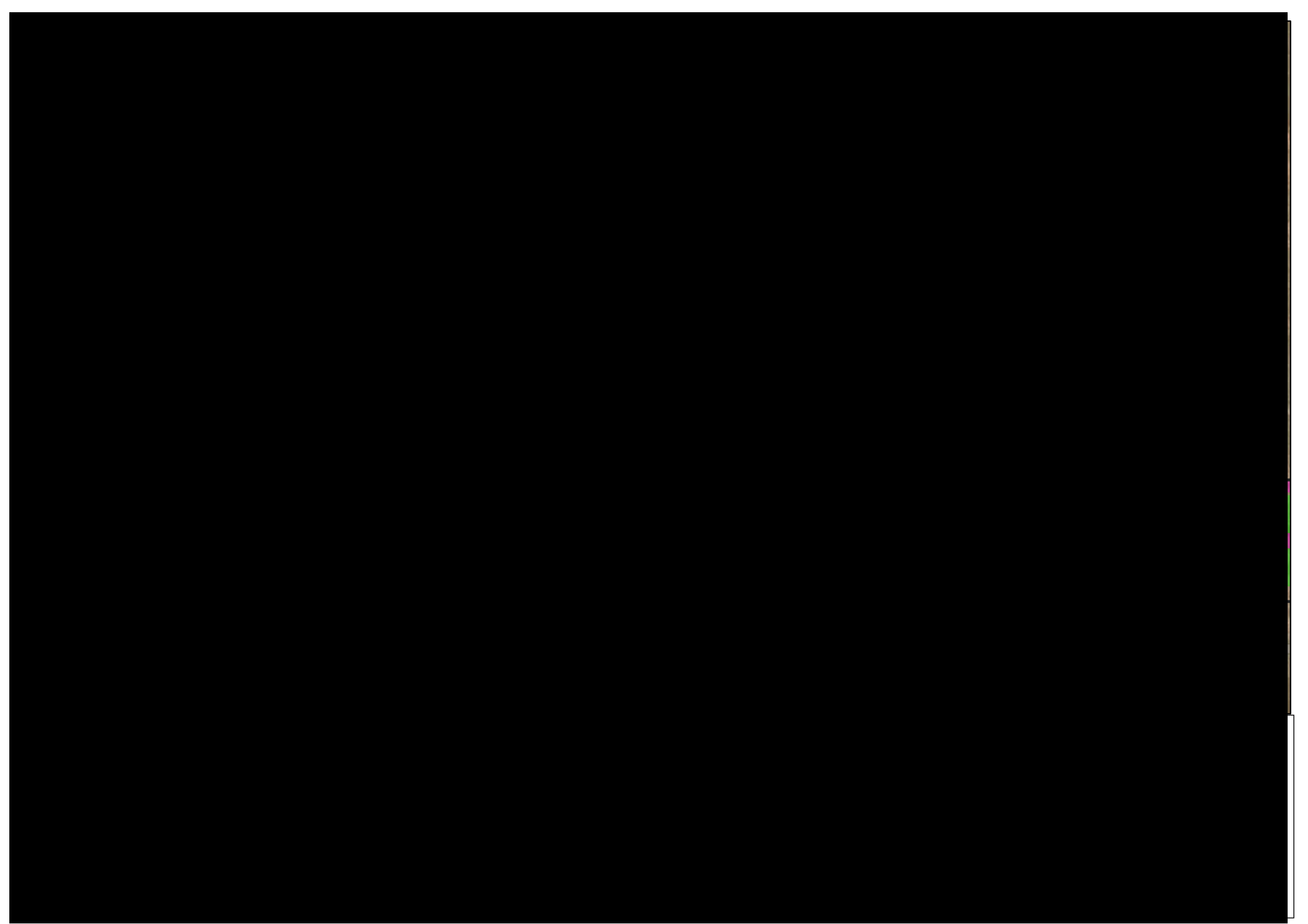


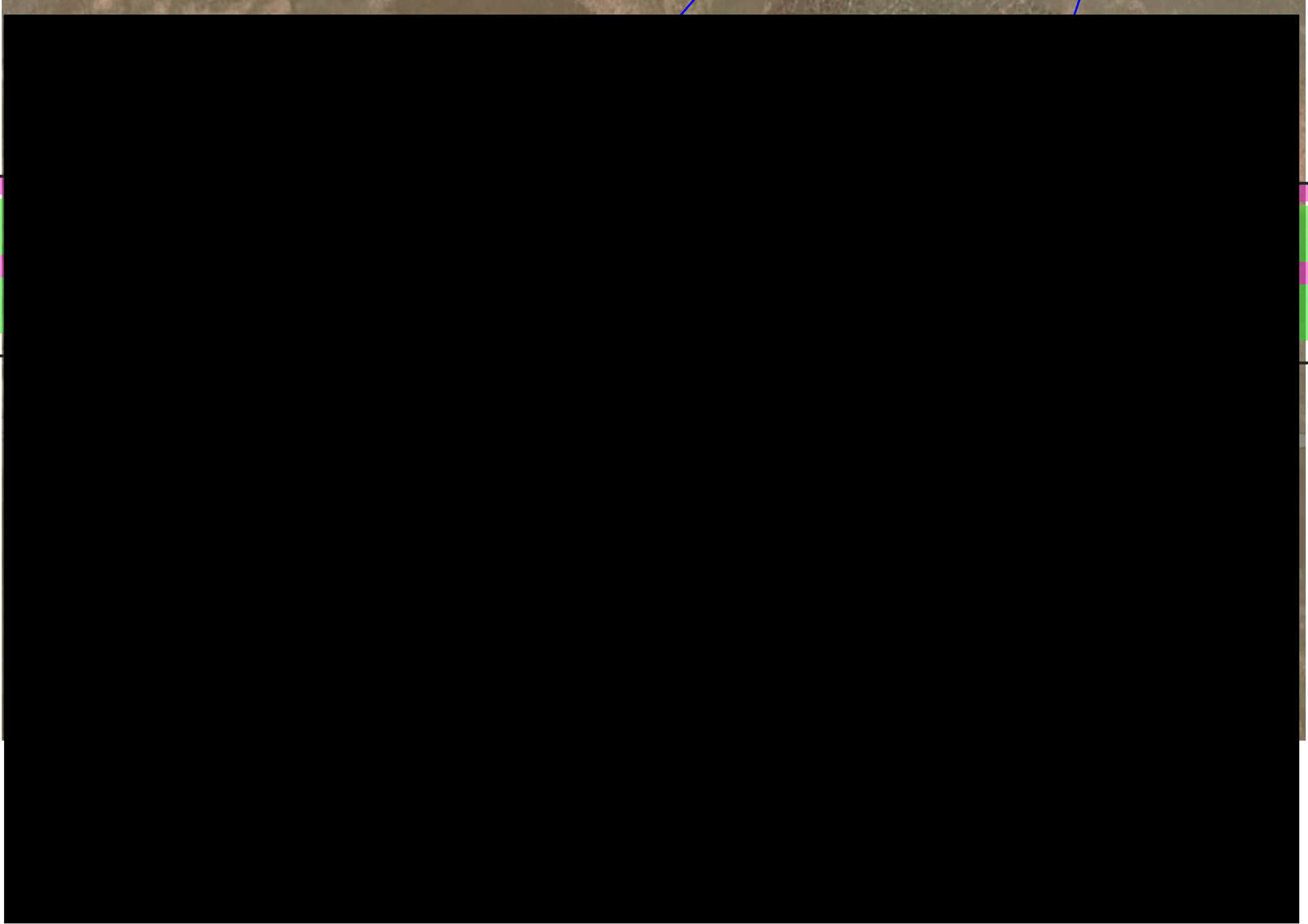


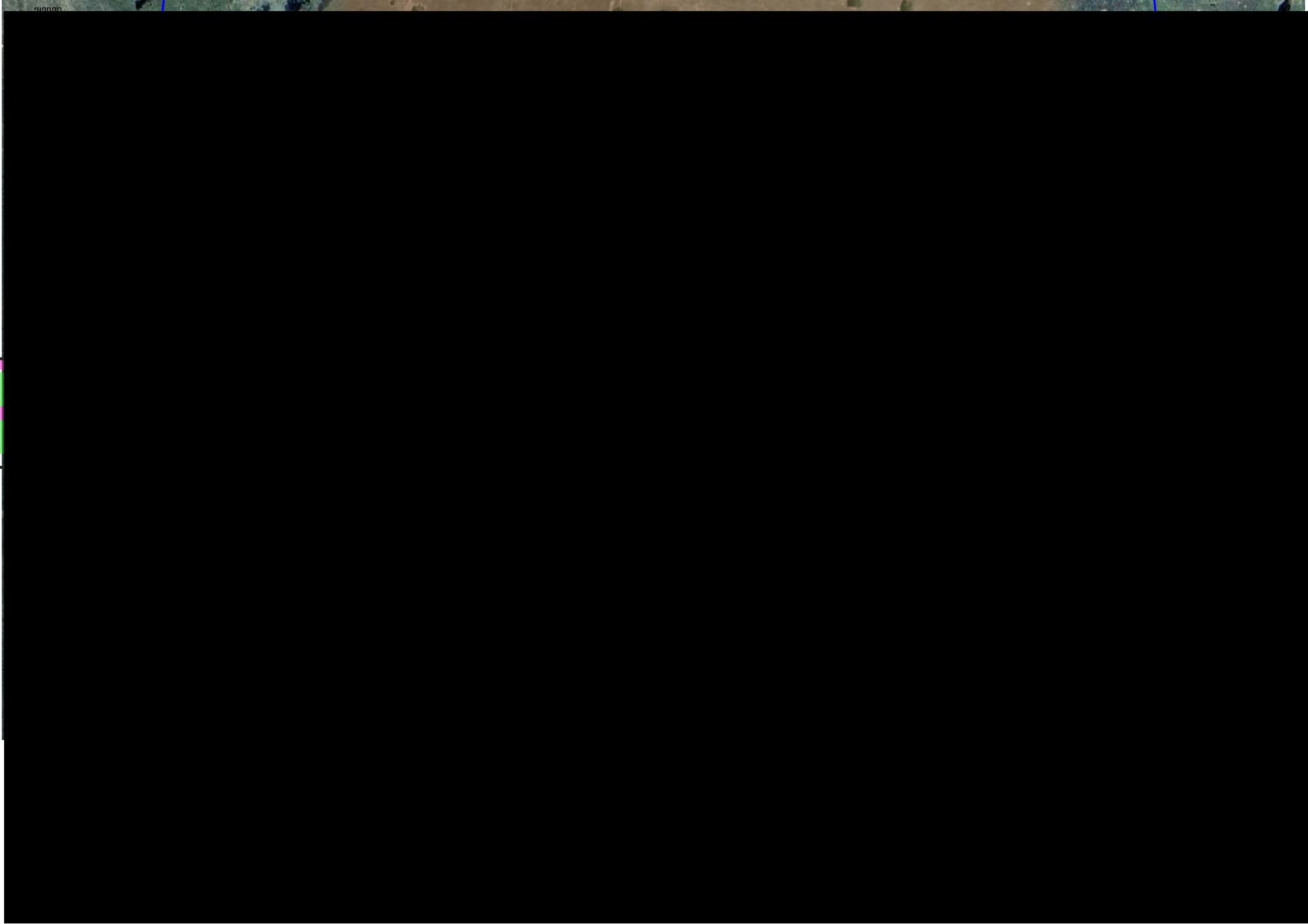


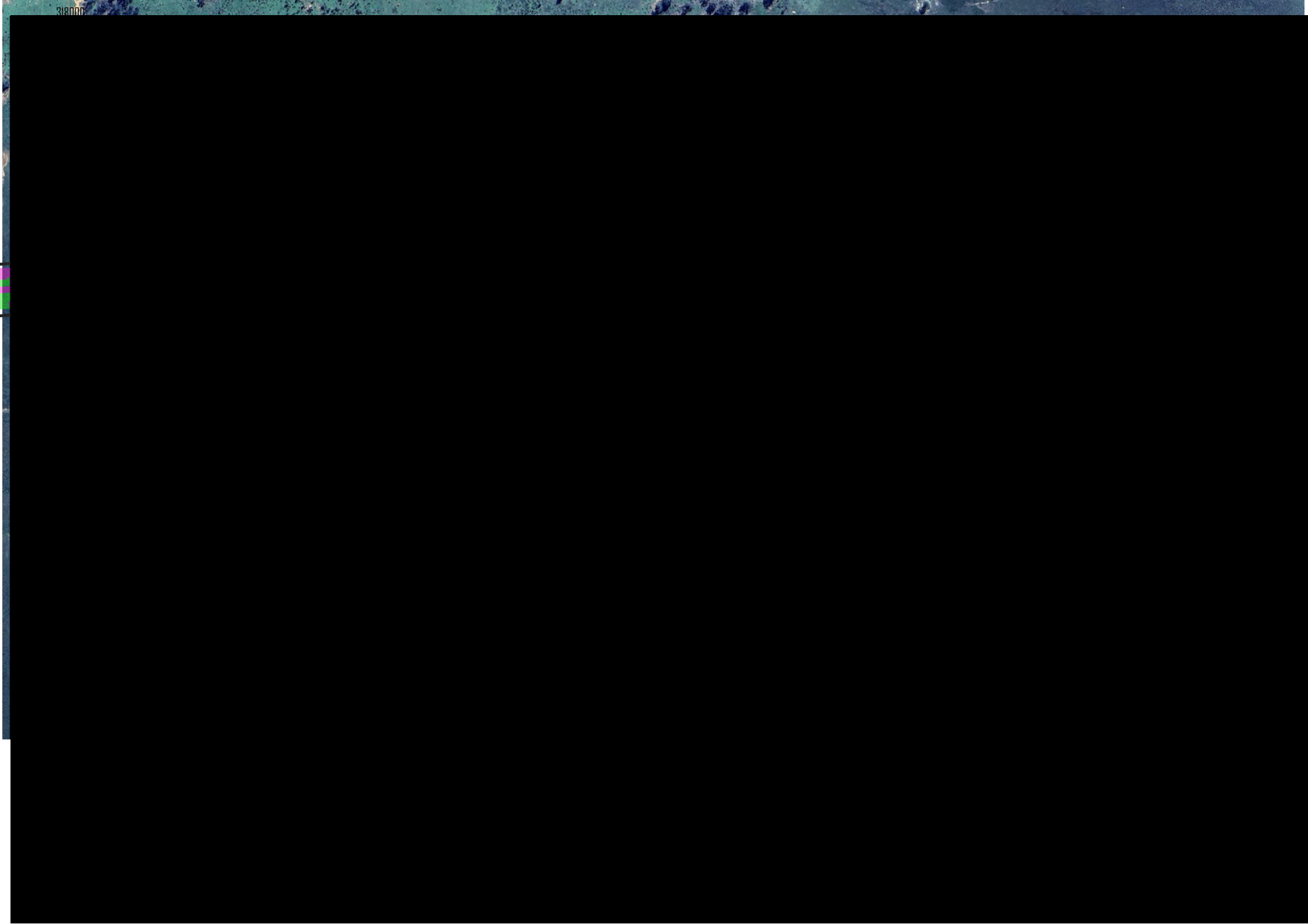


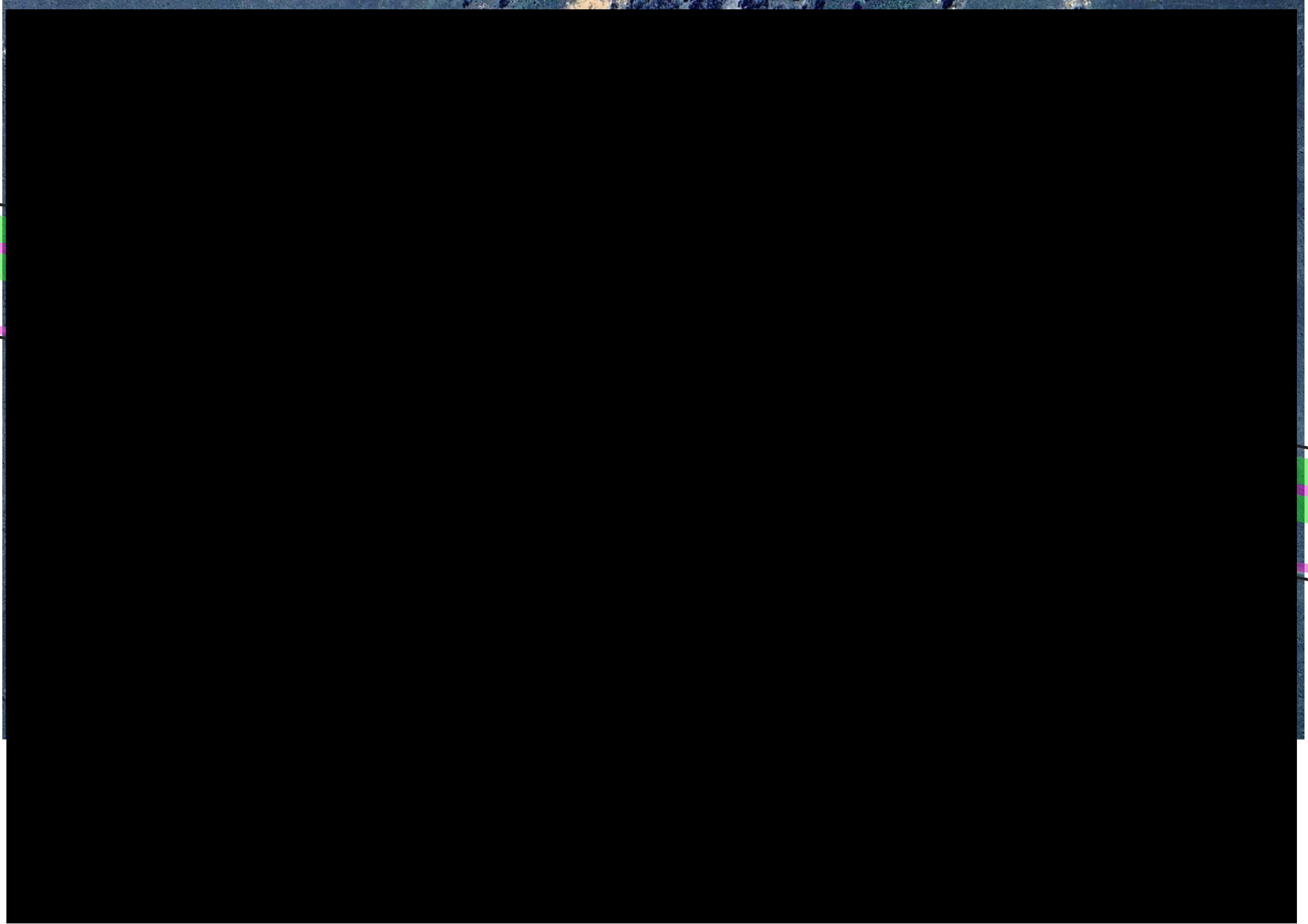


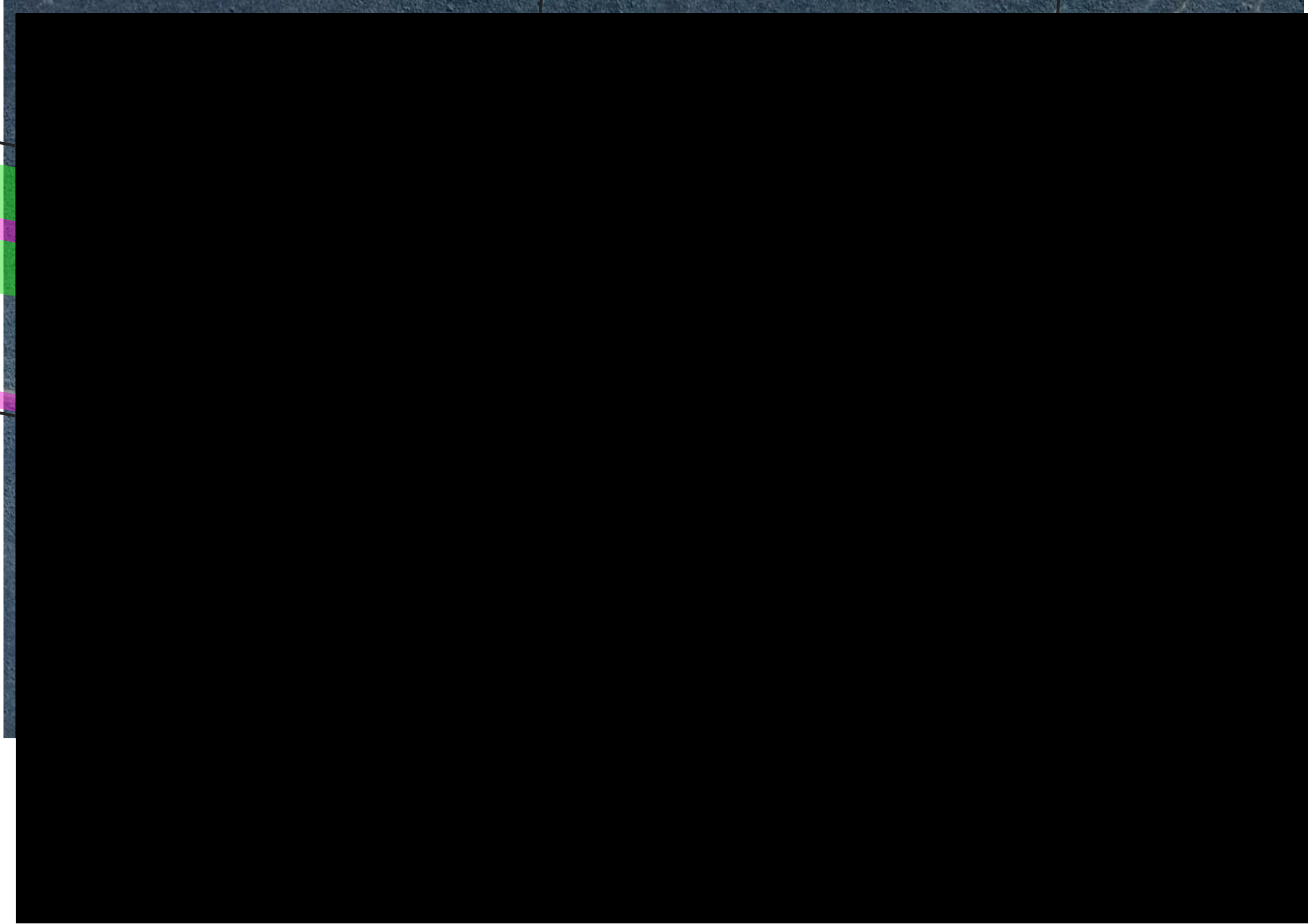


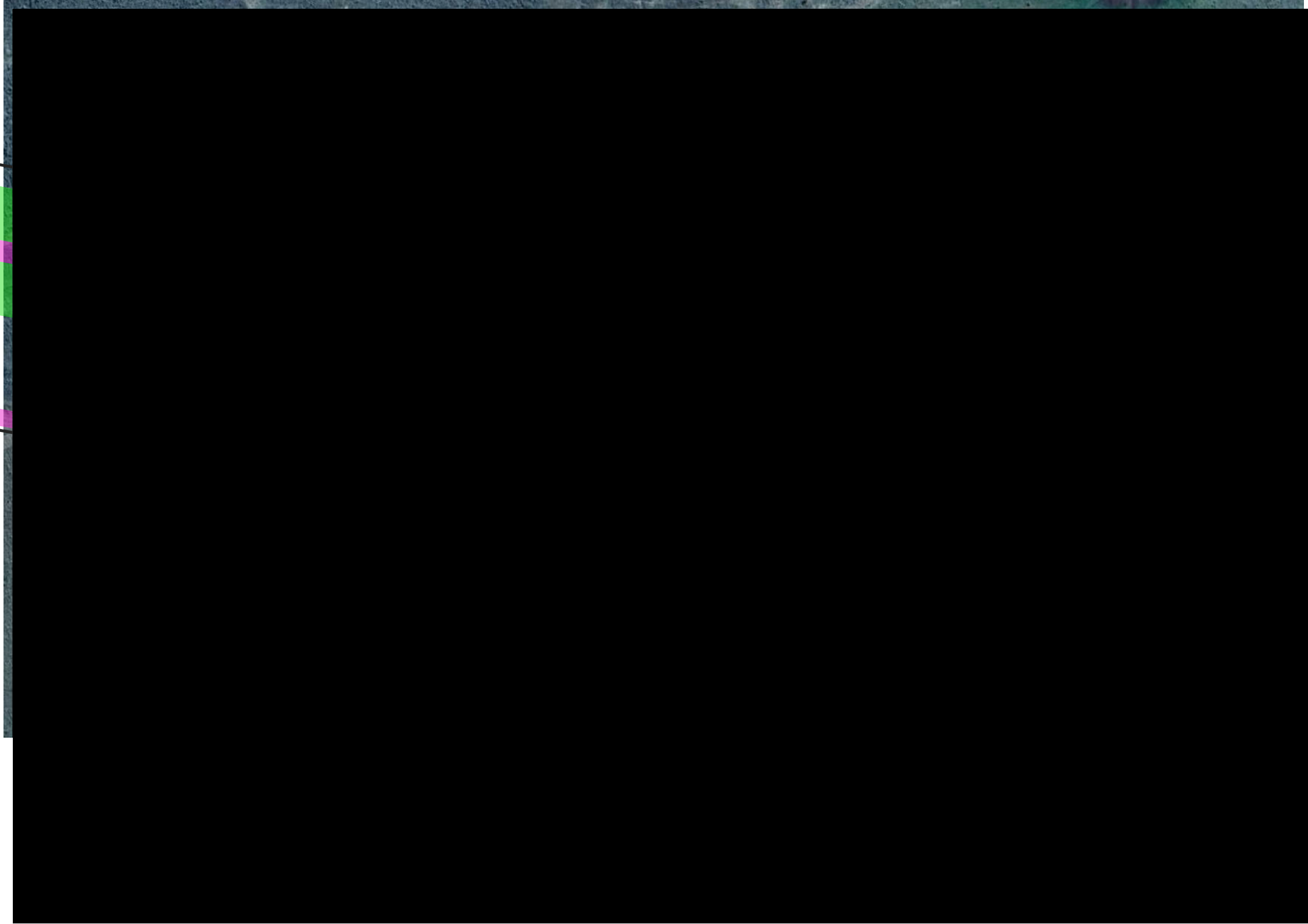


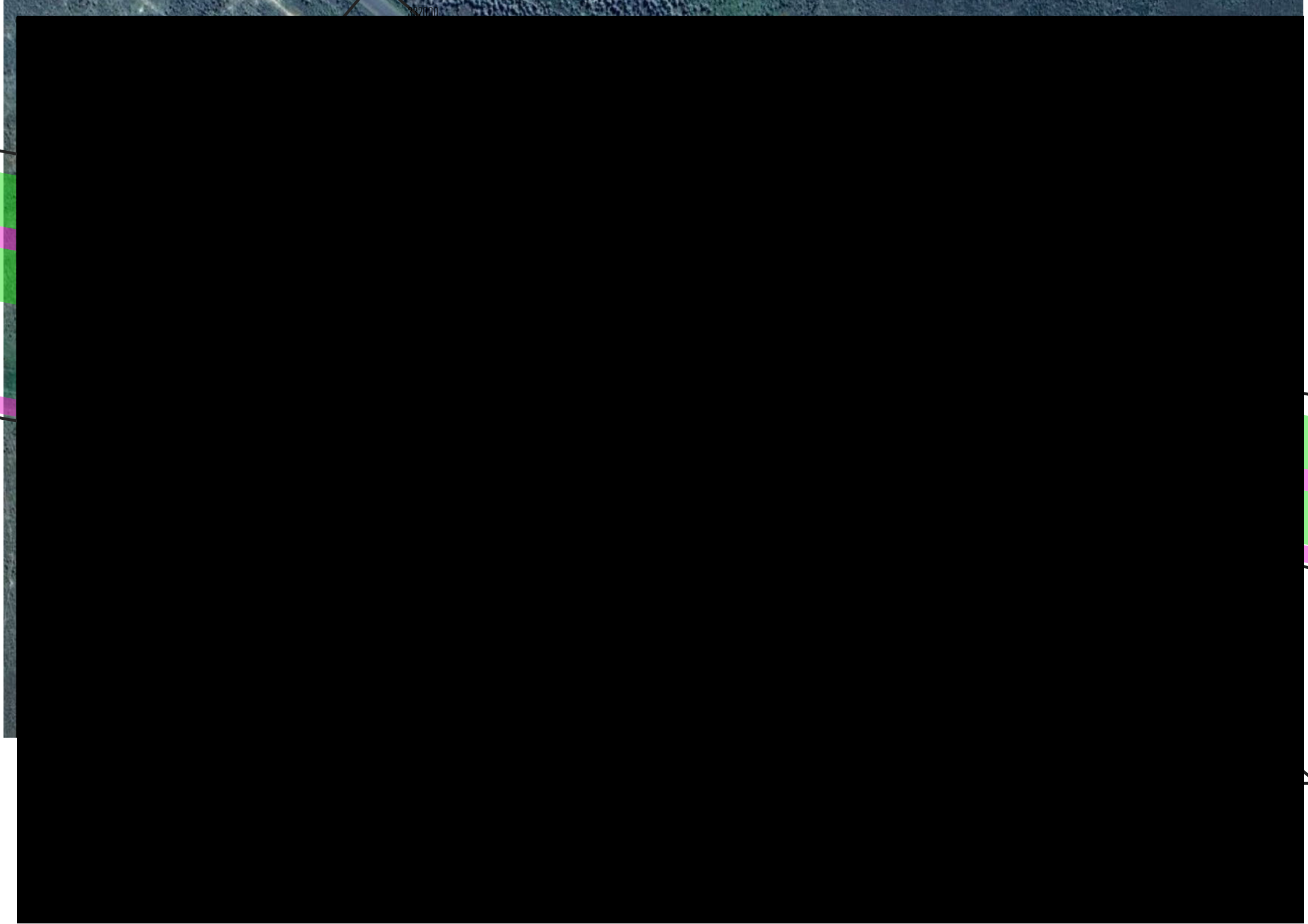










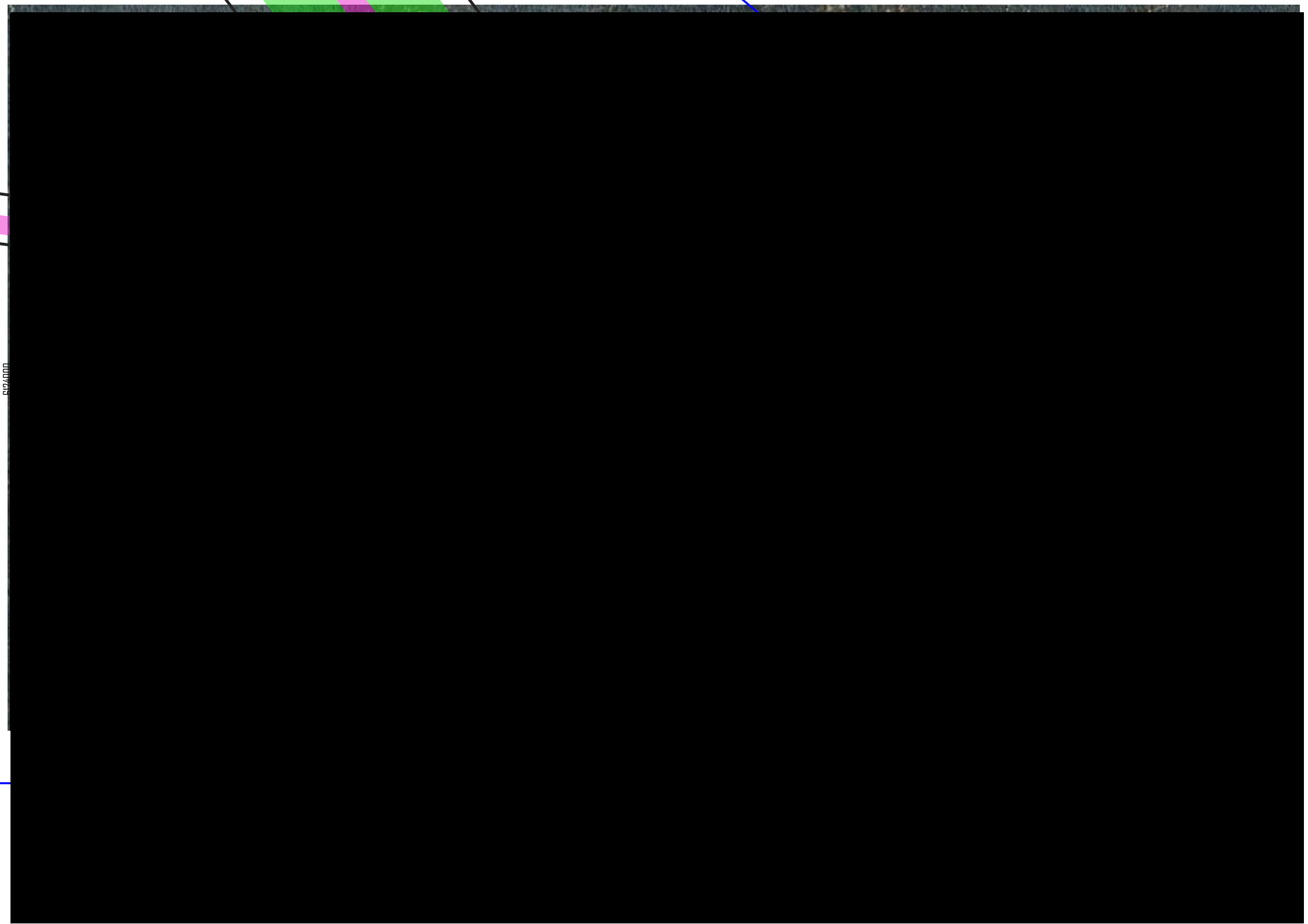




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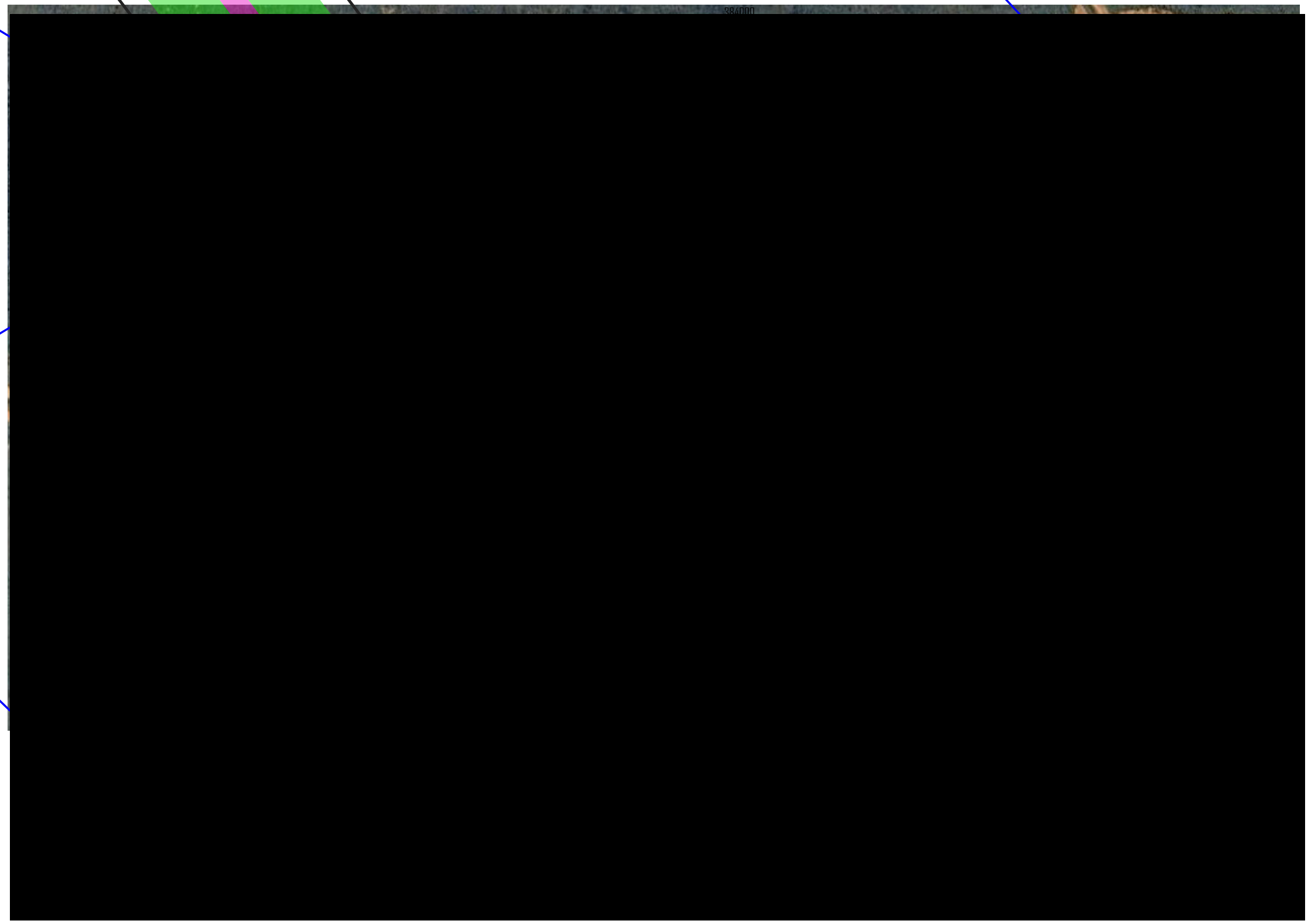
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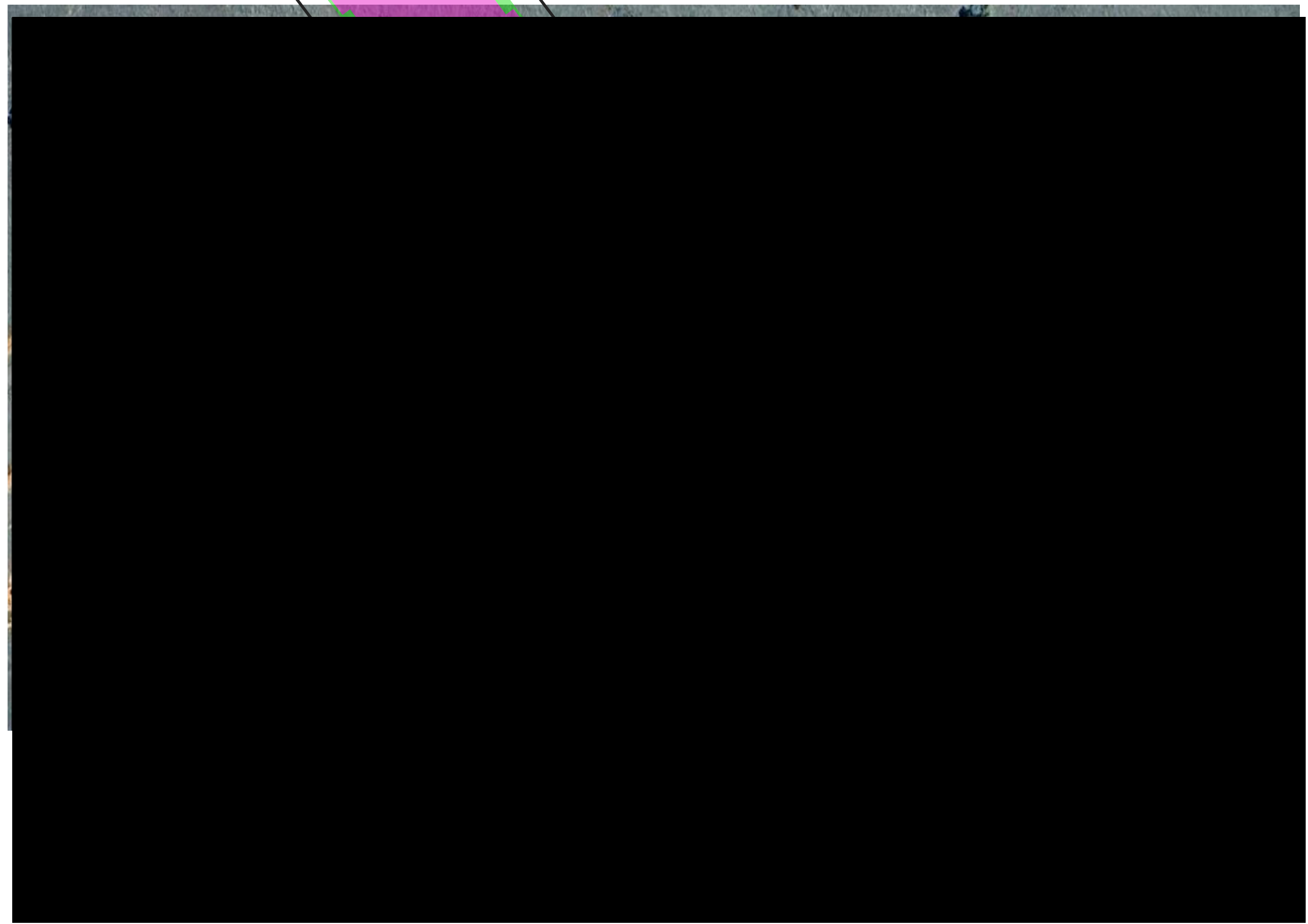




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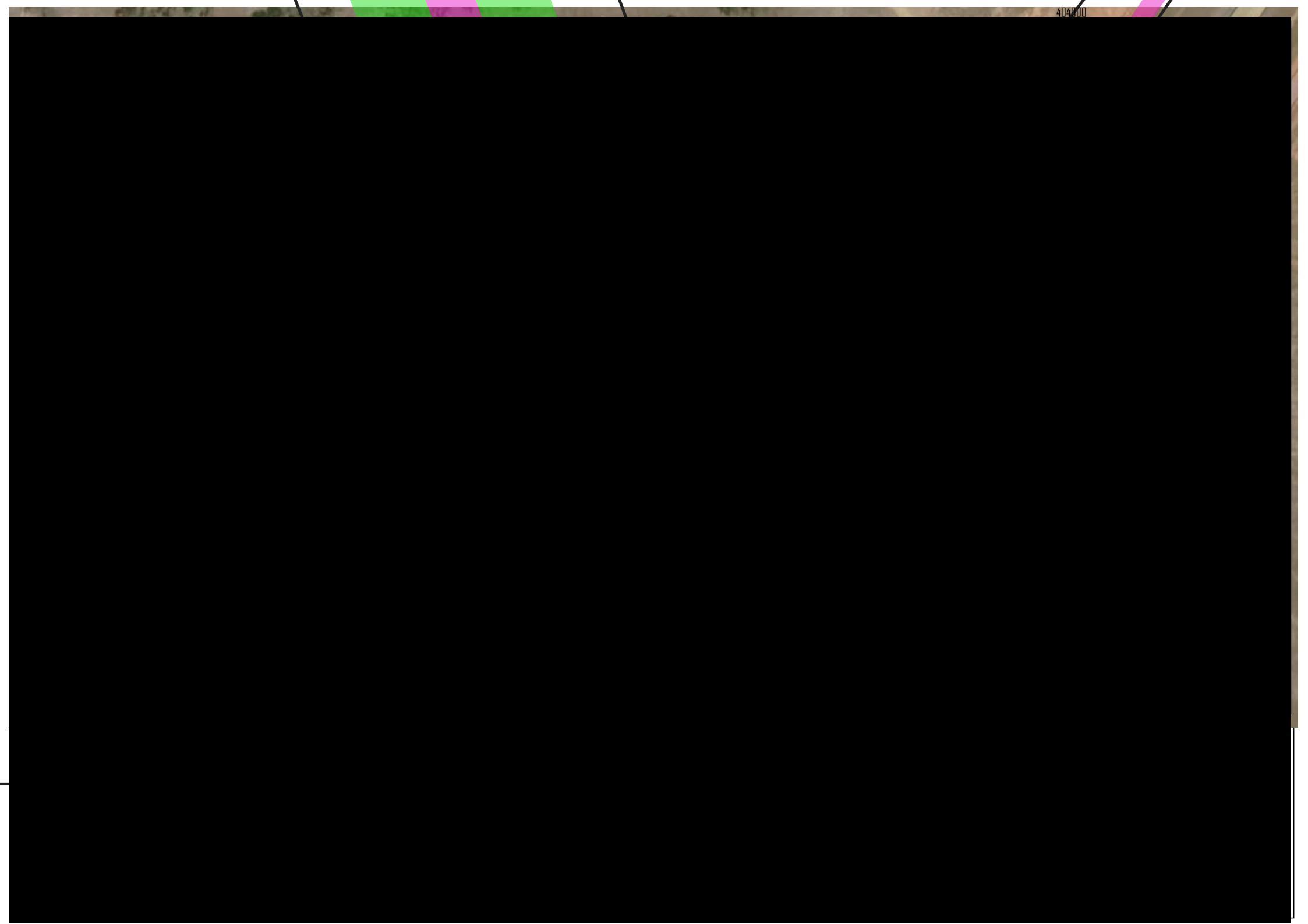


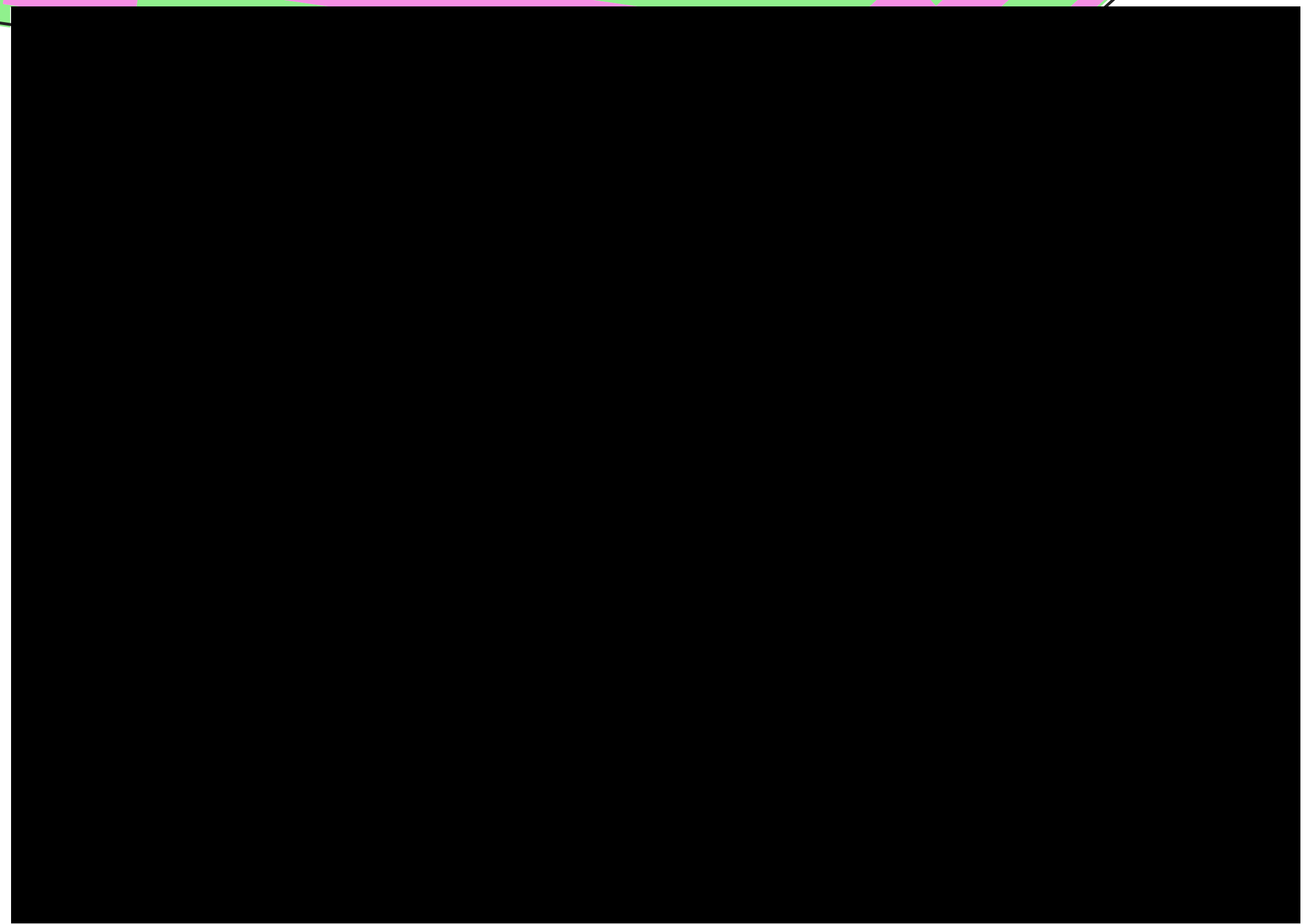




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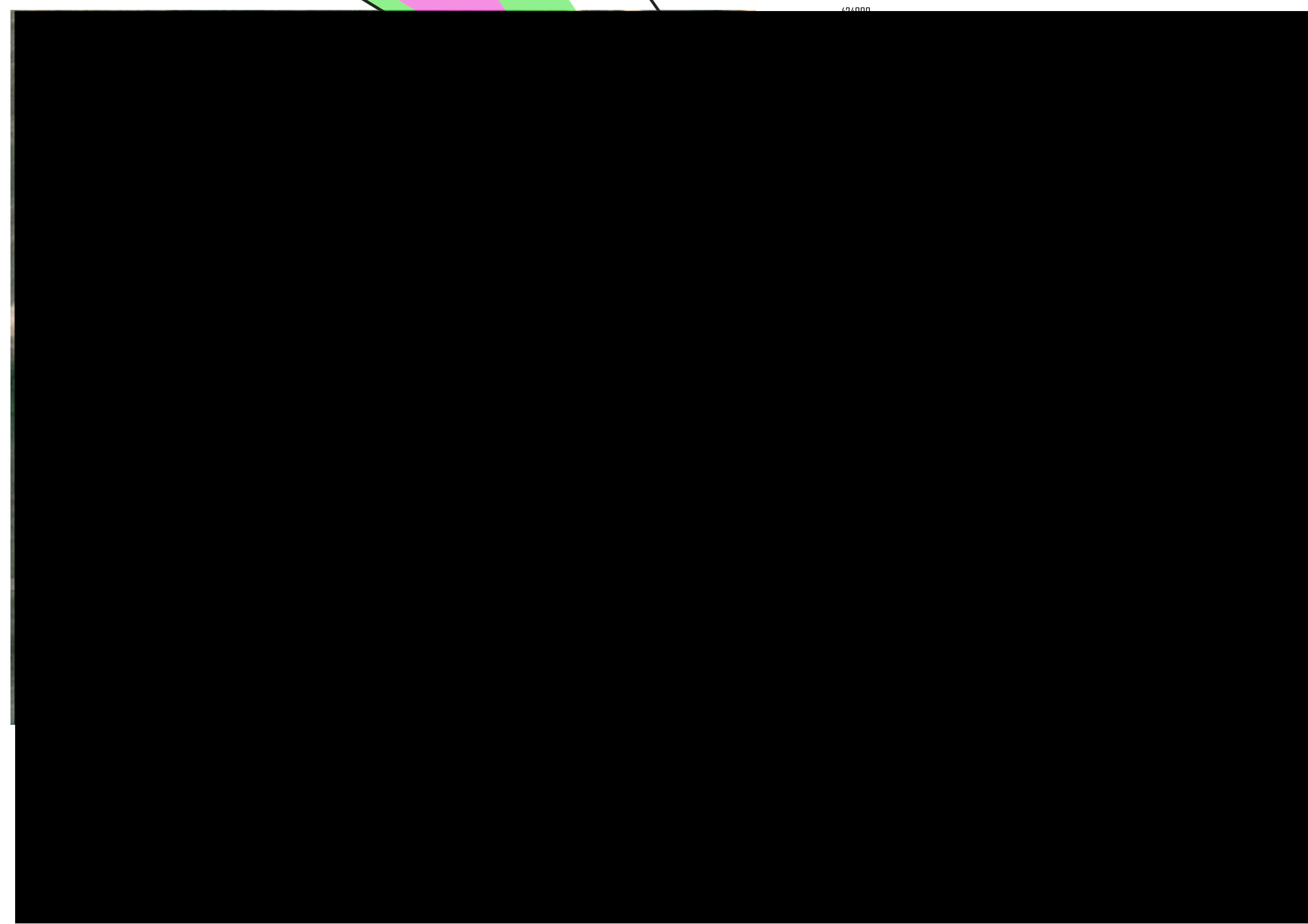




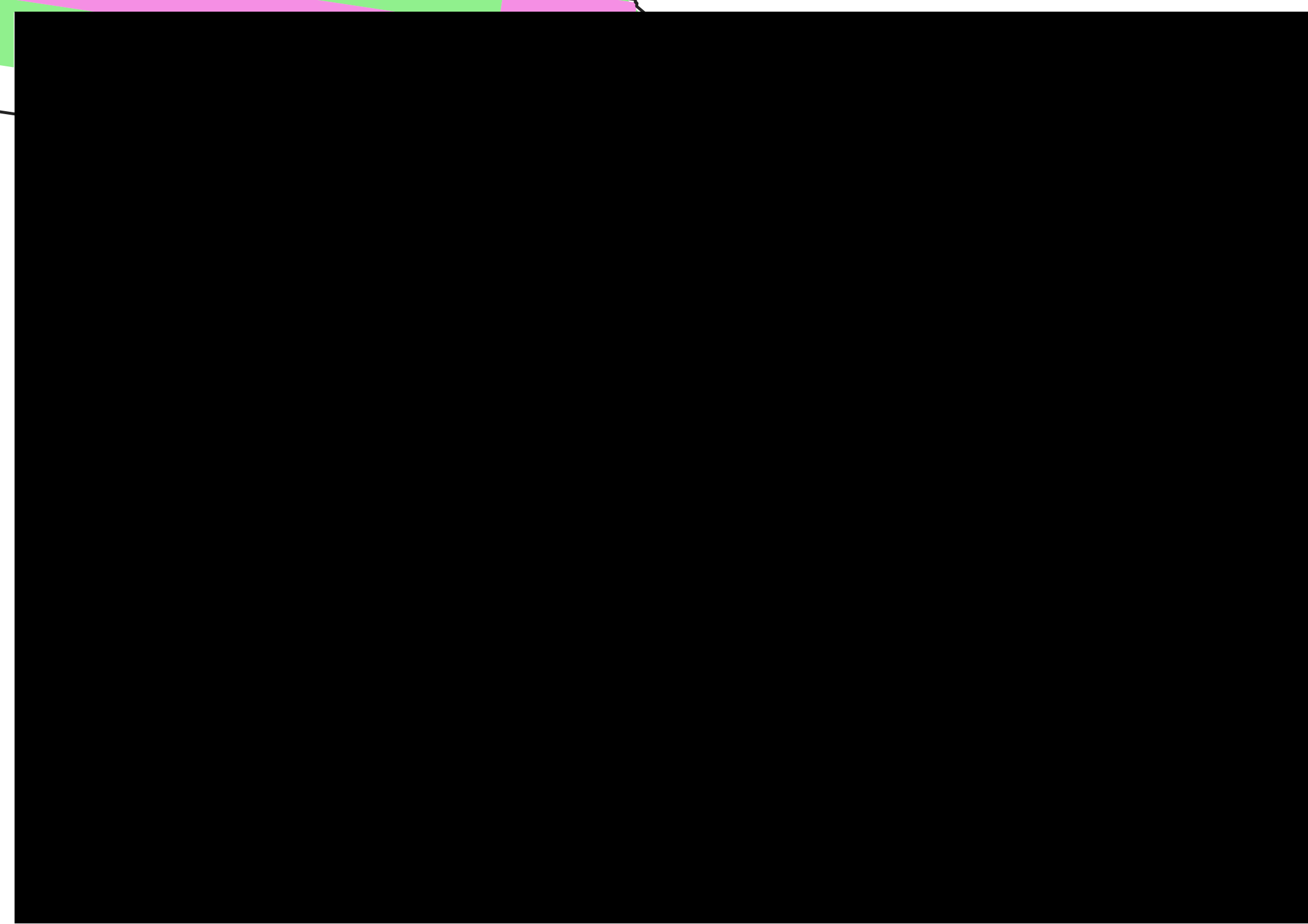


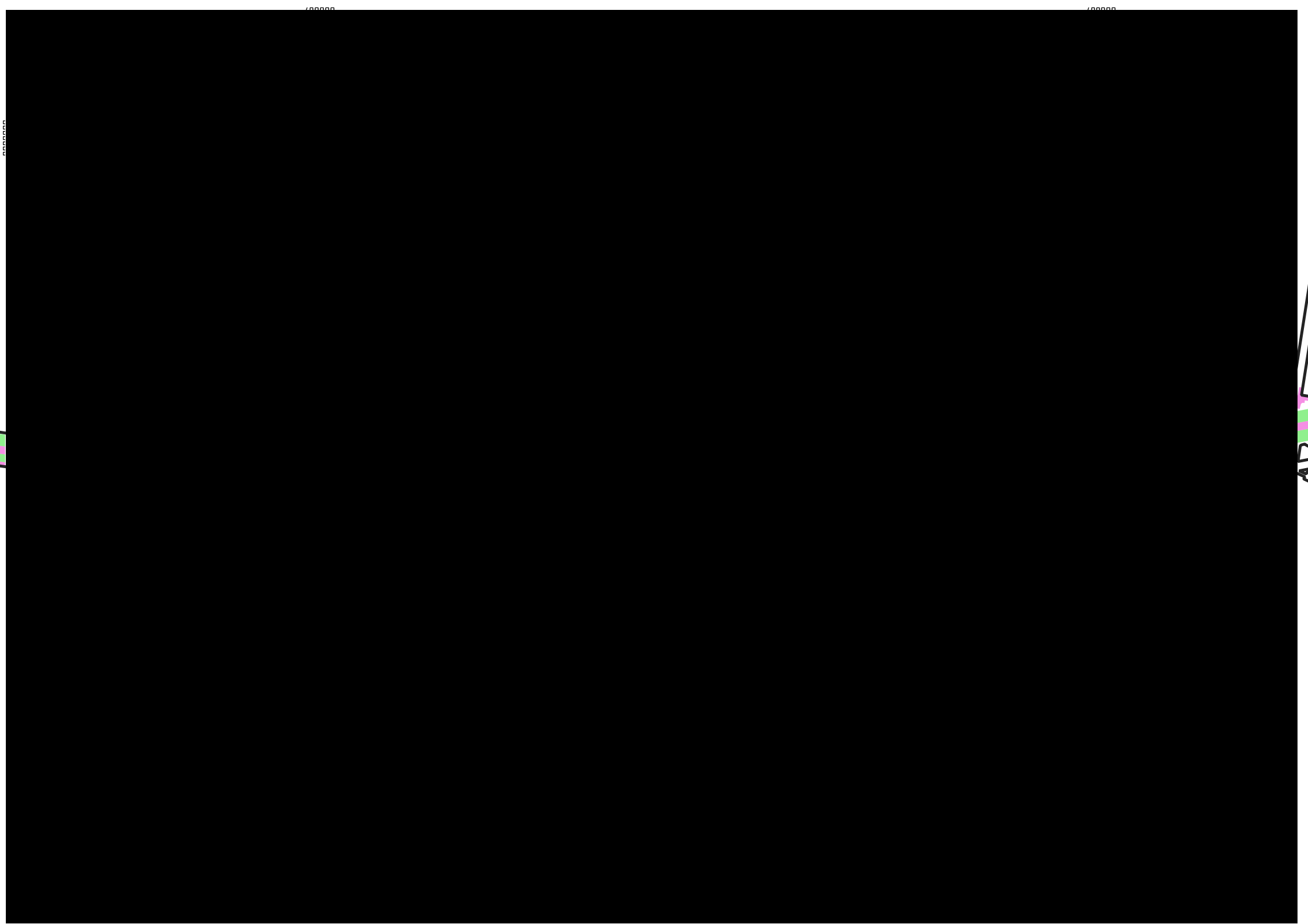


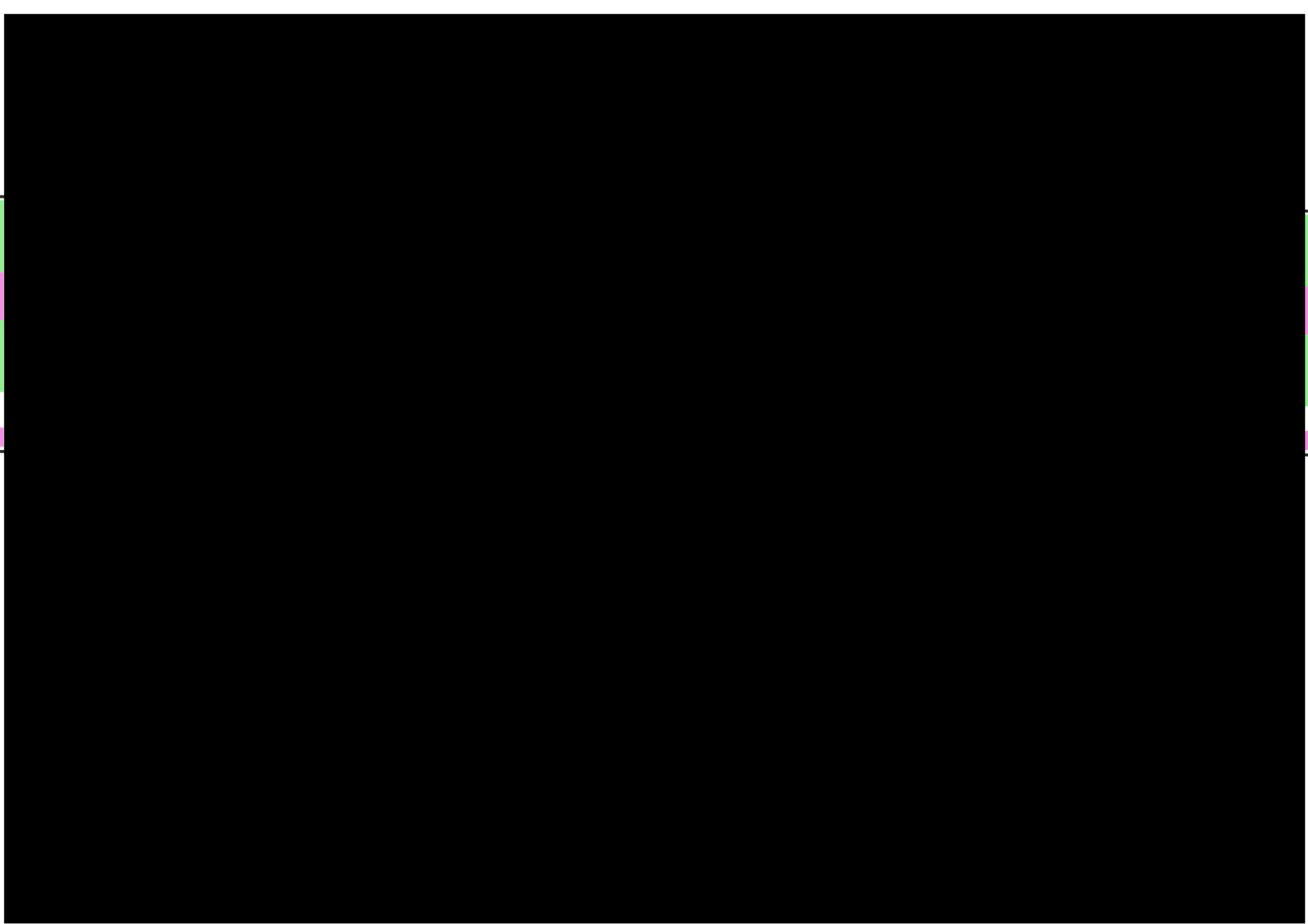




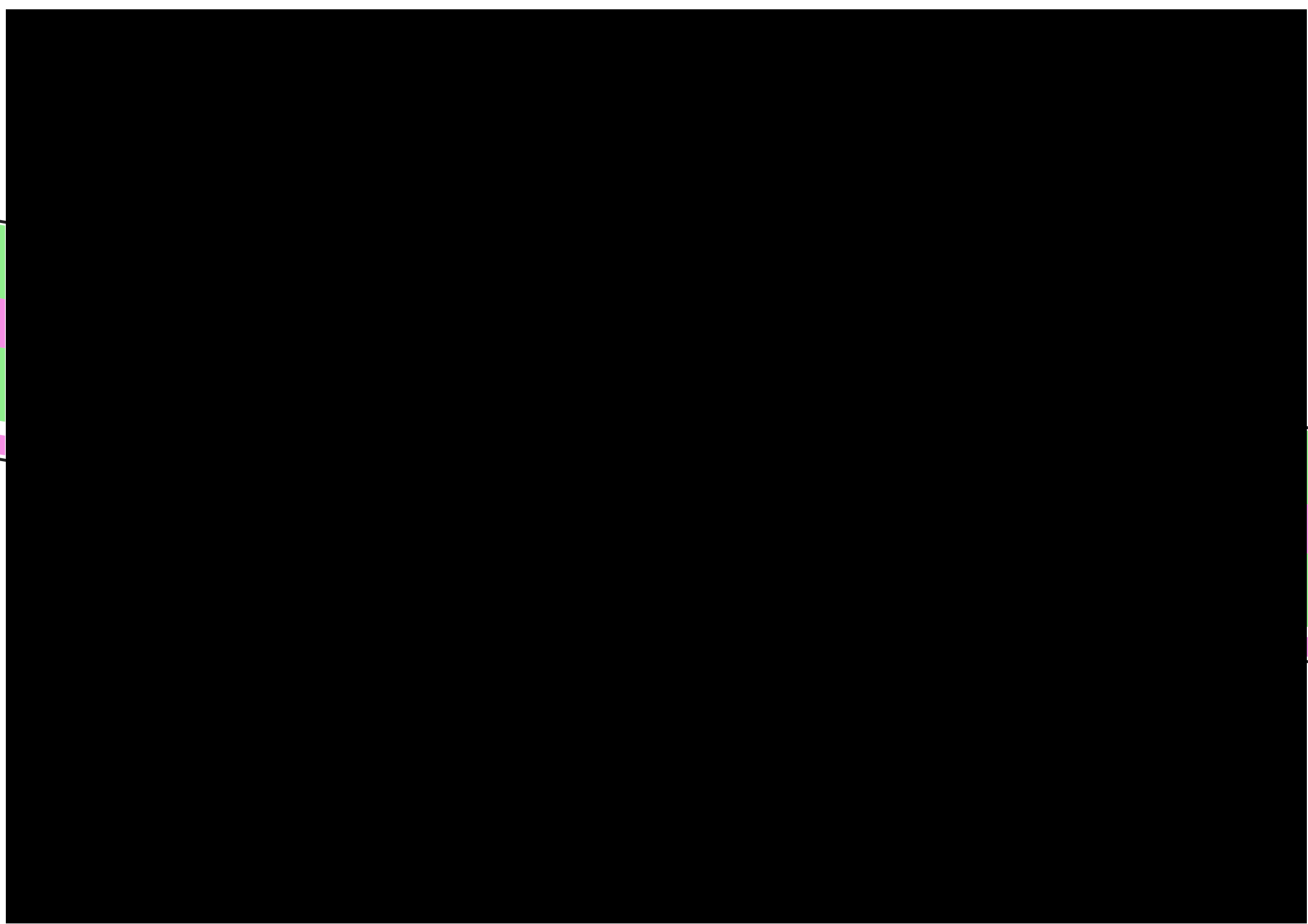


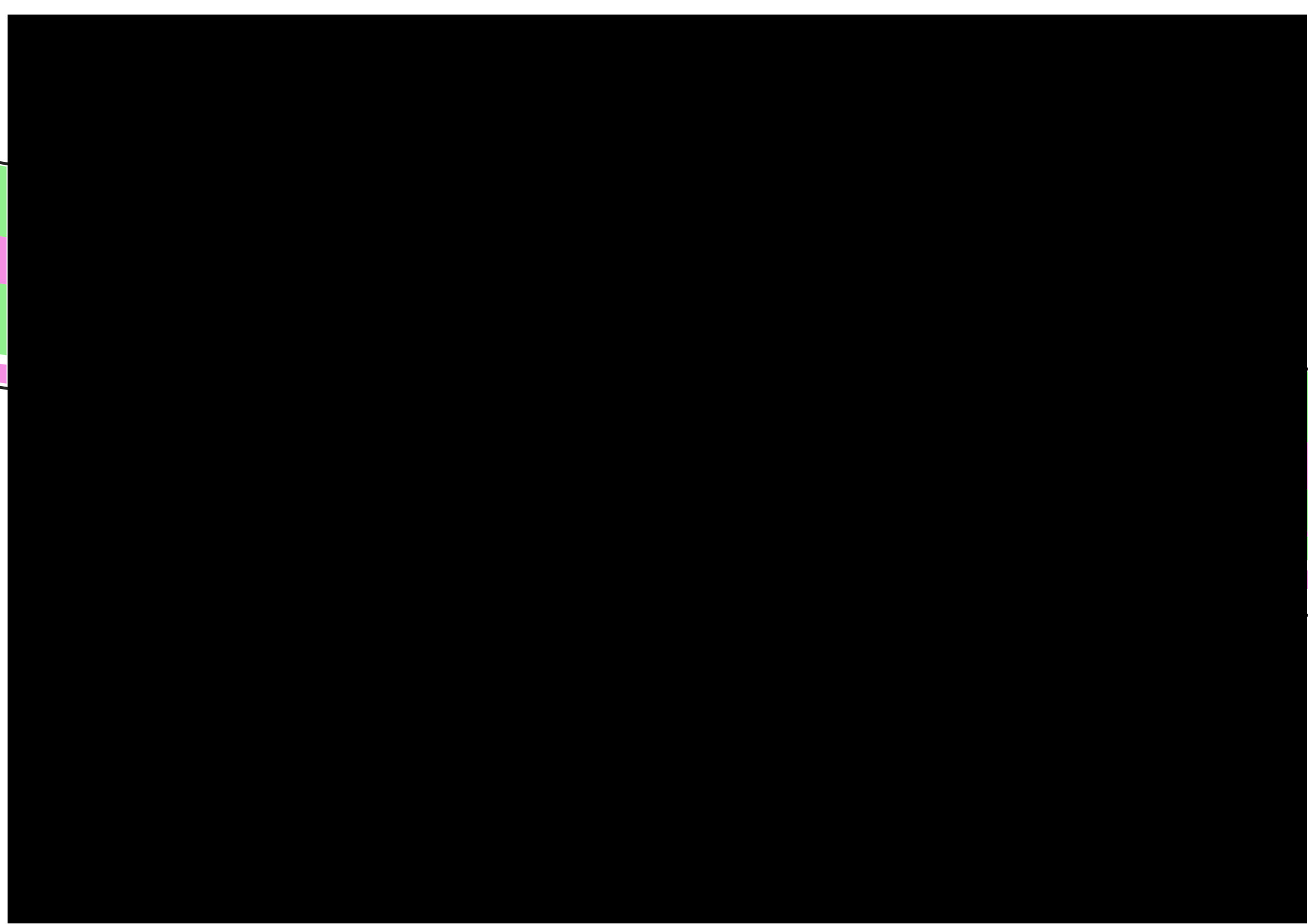




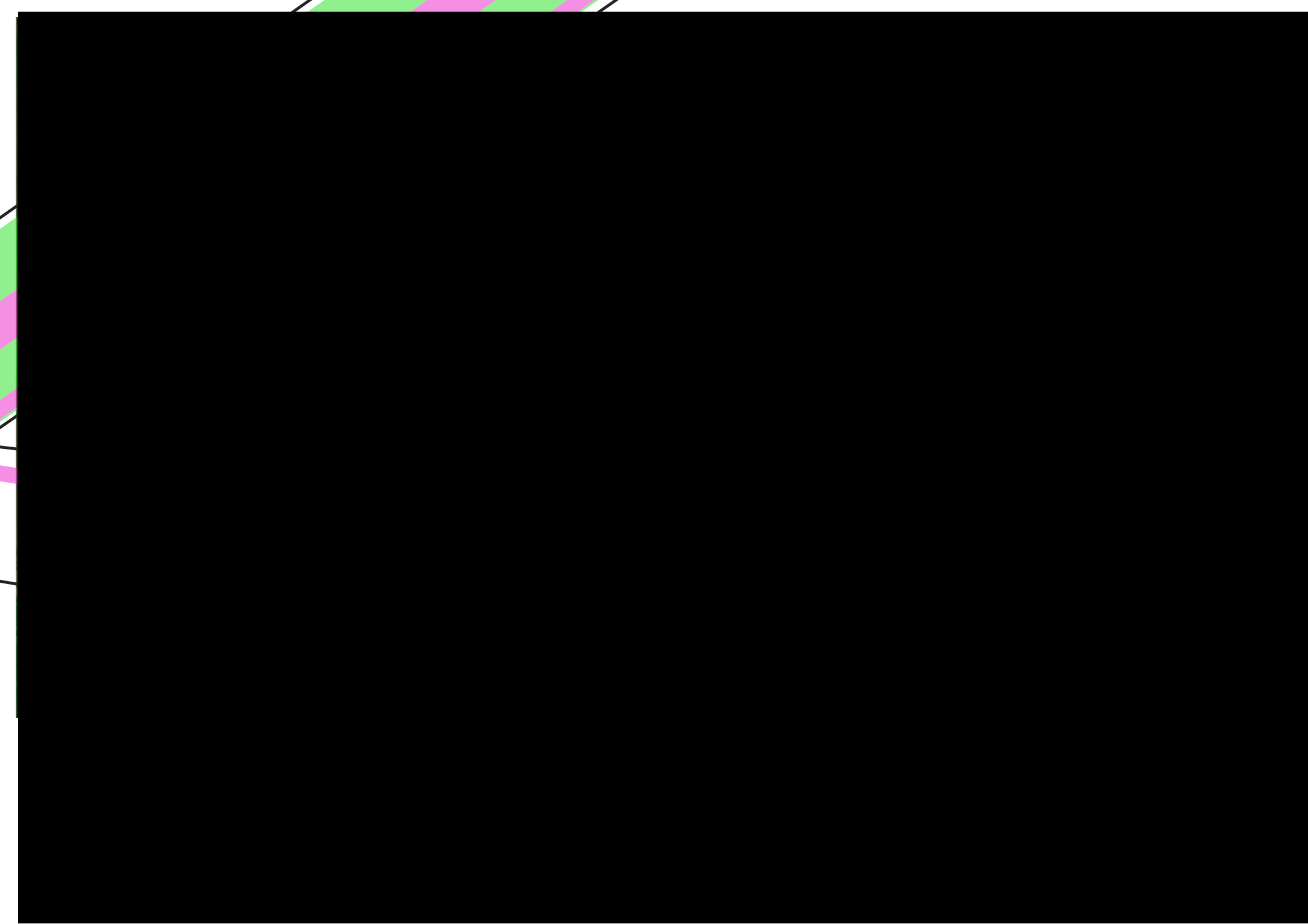








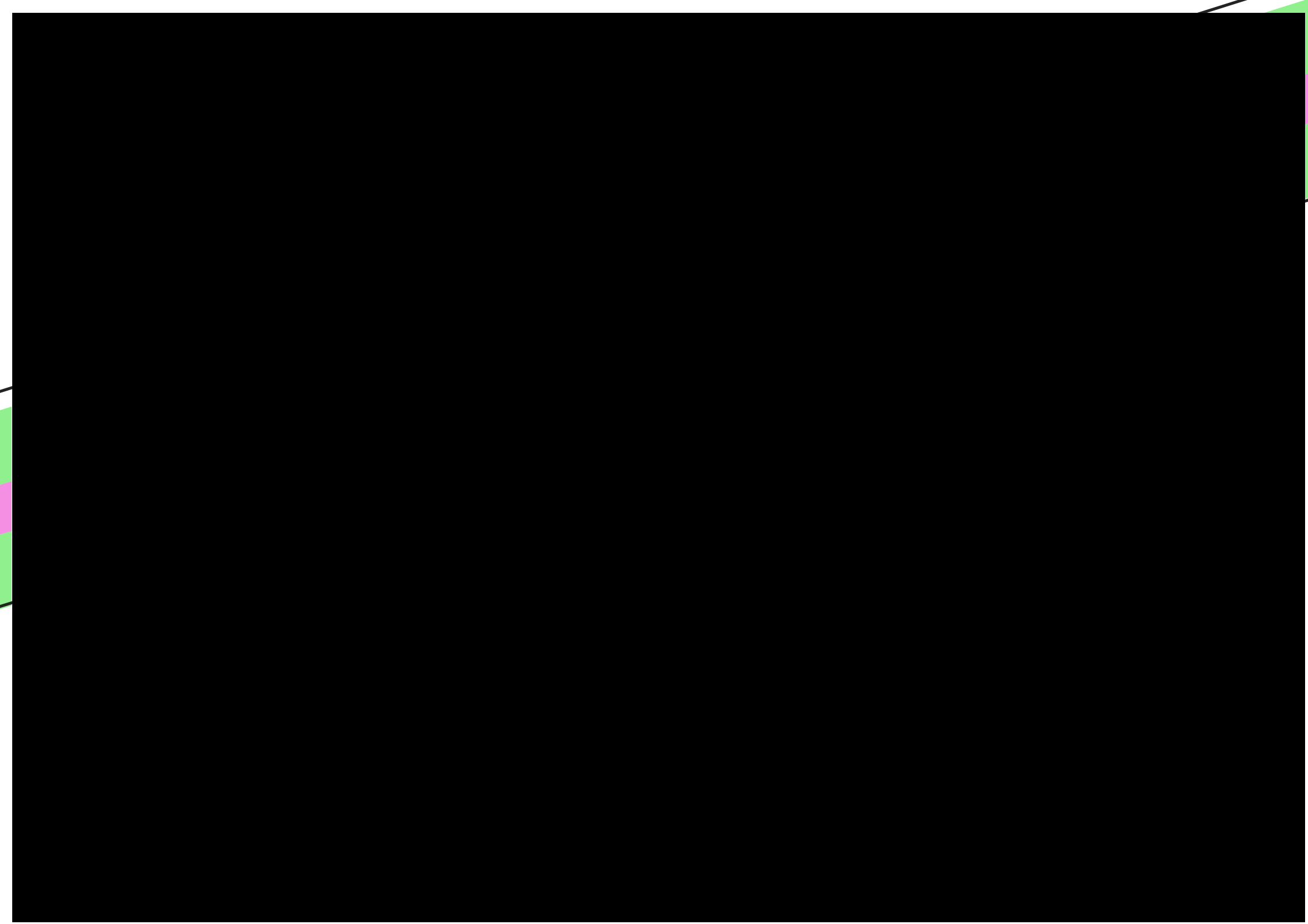




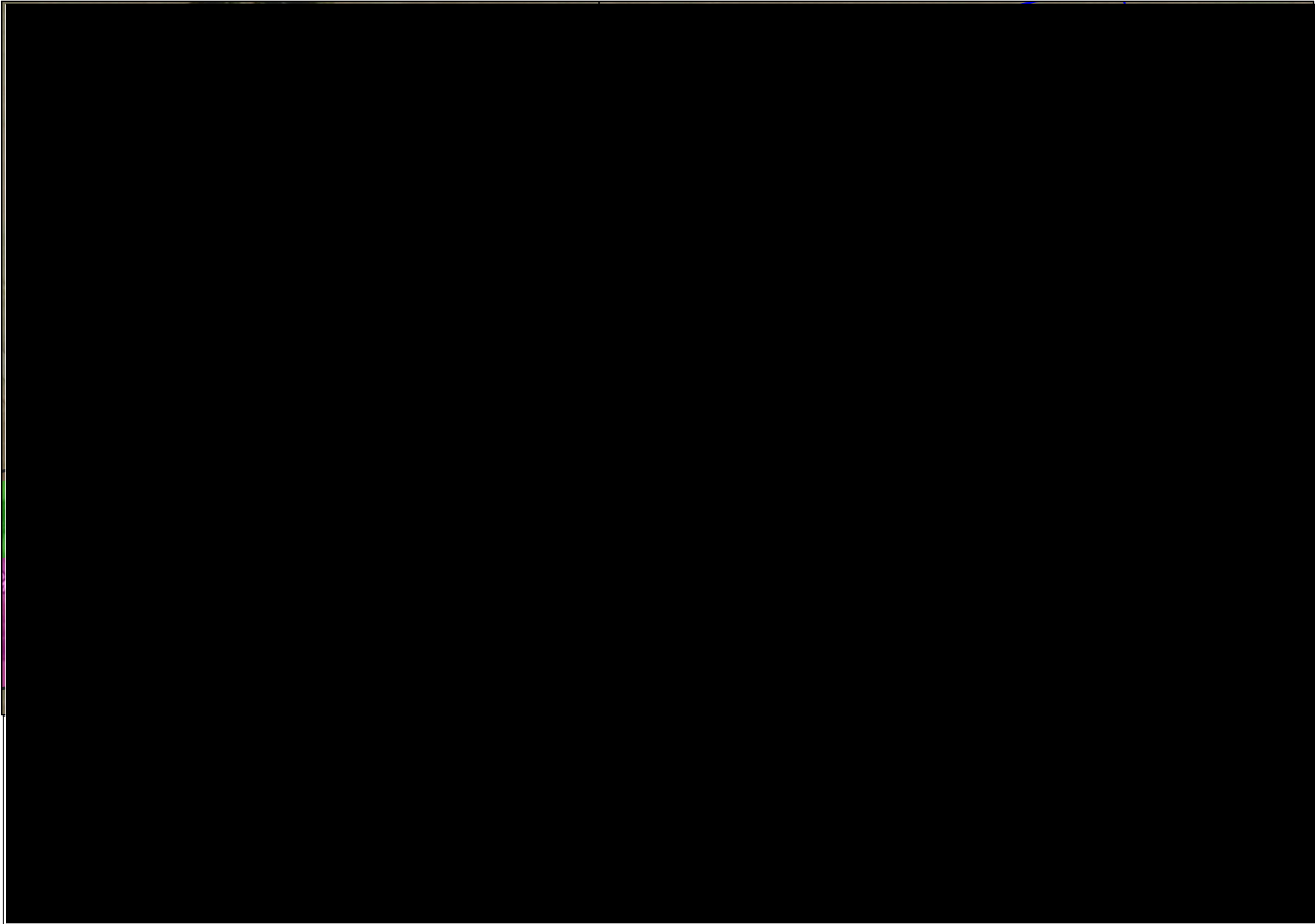






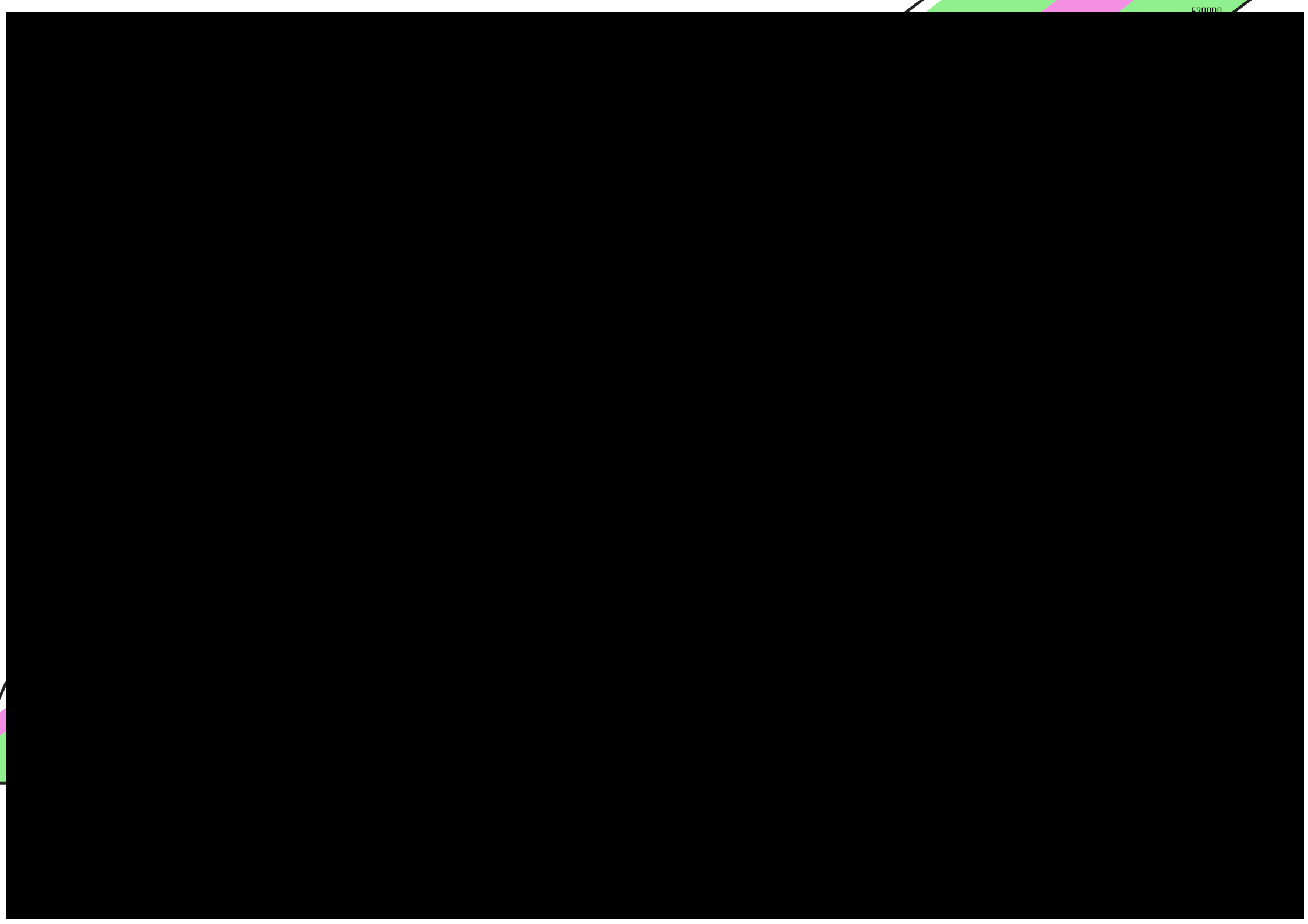












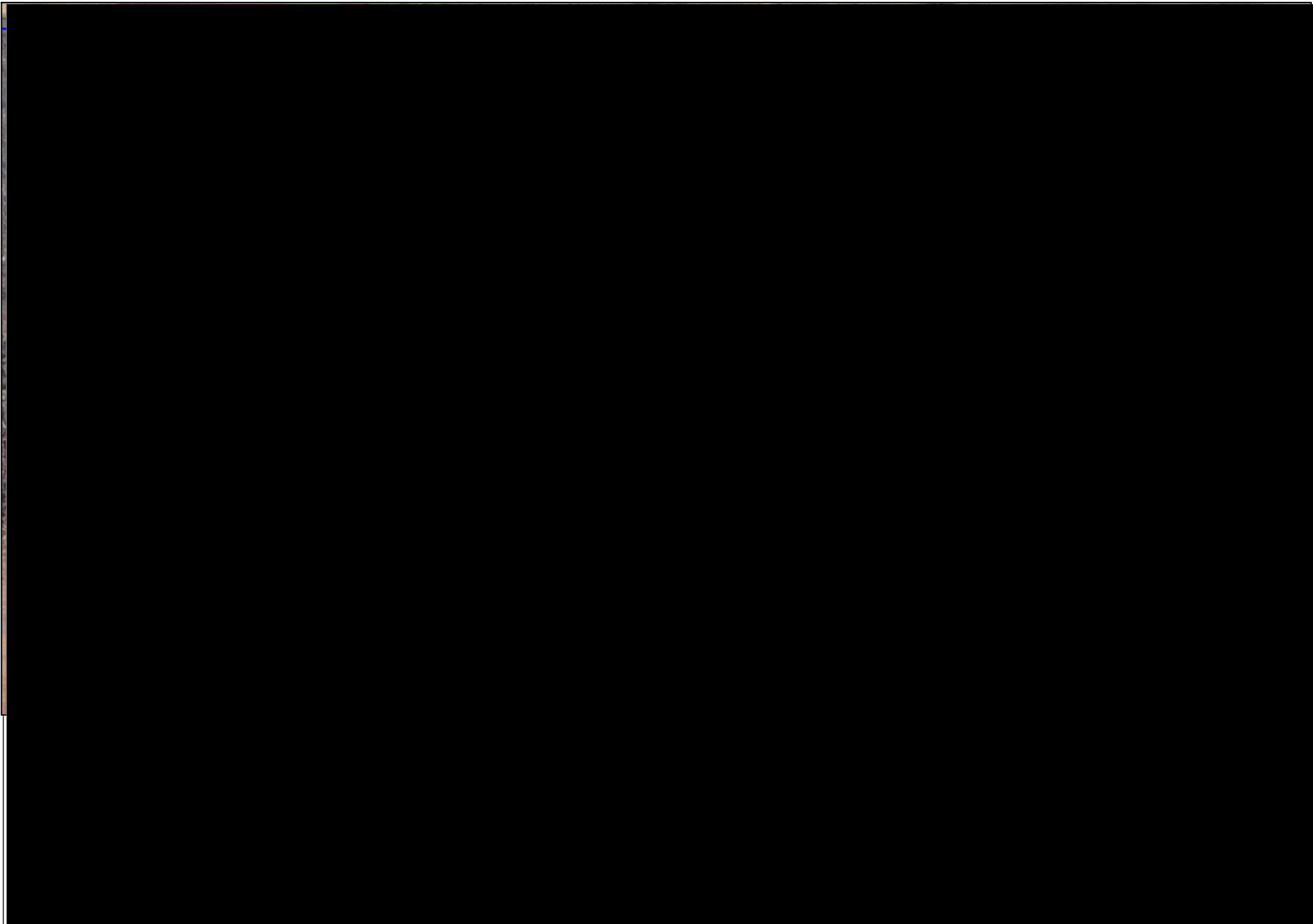


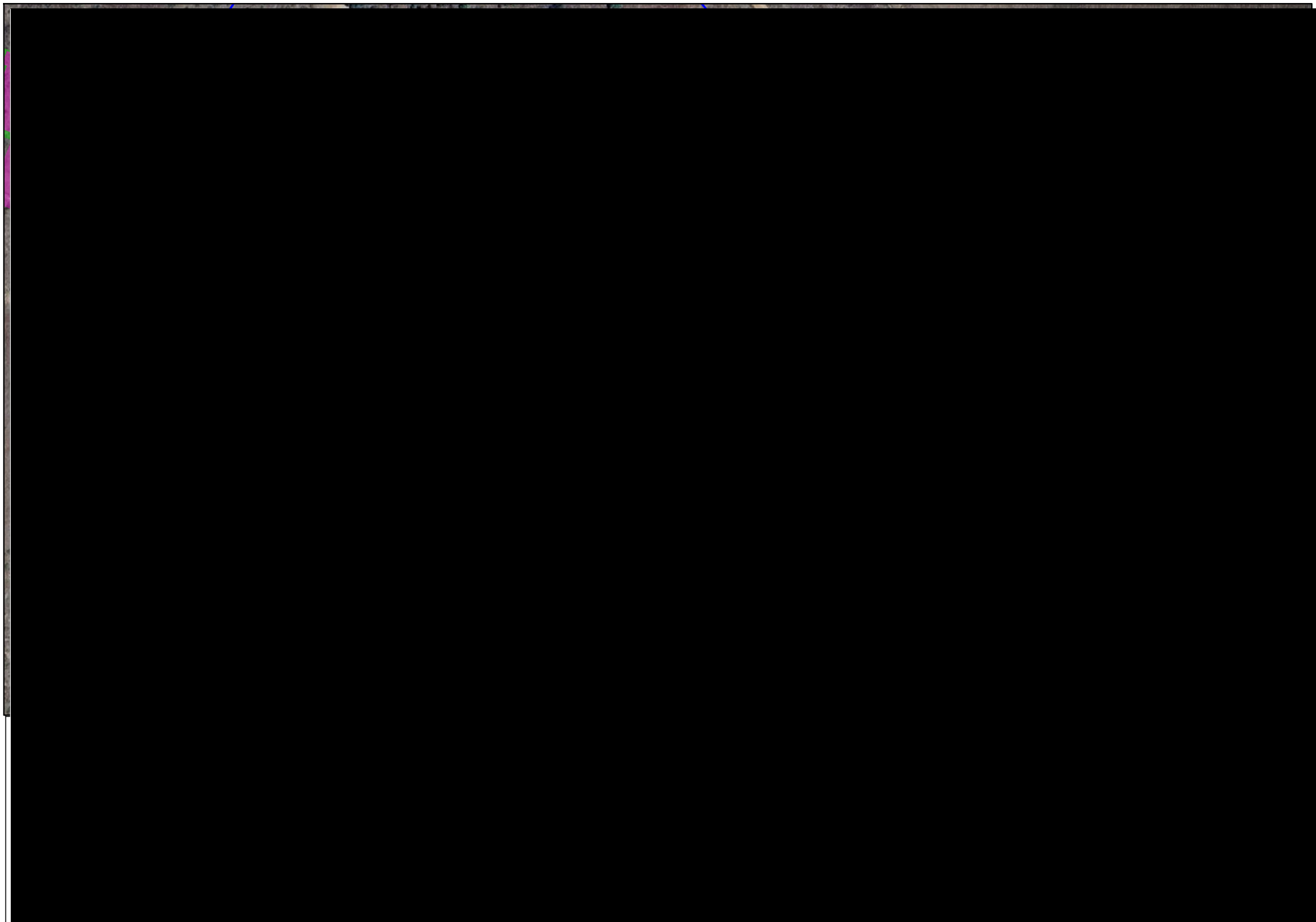


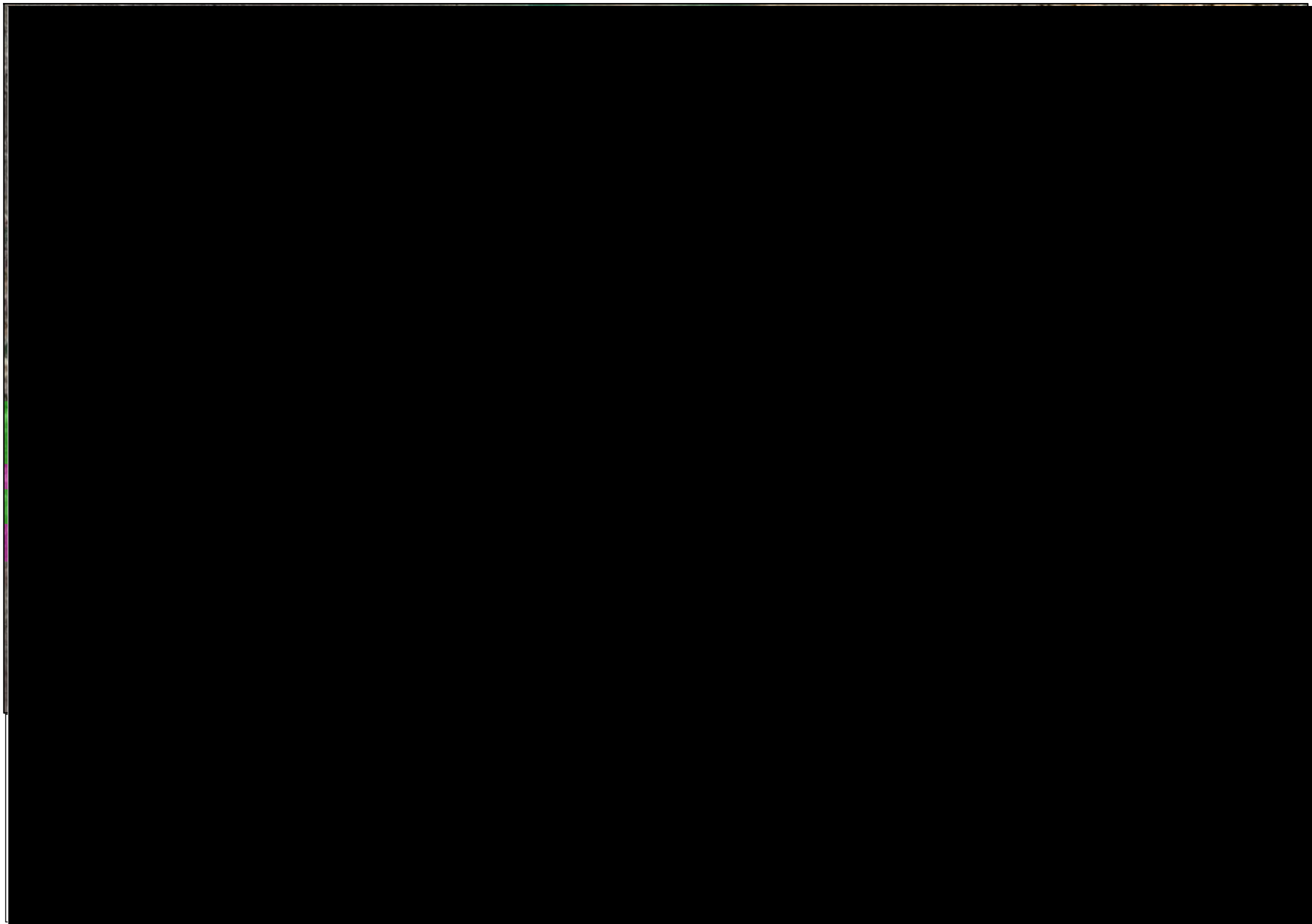
Appendix 4

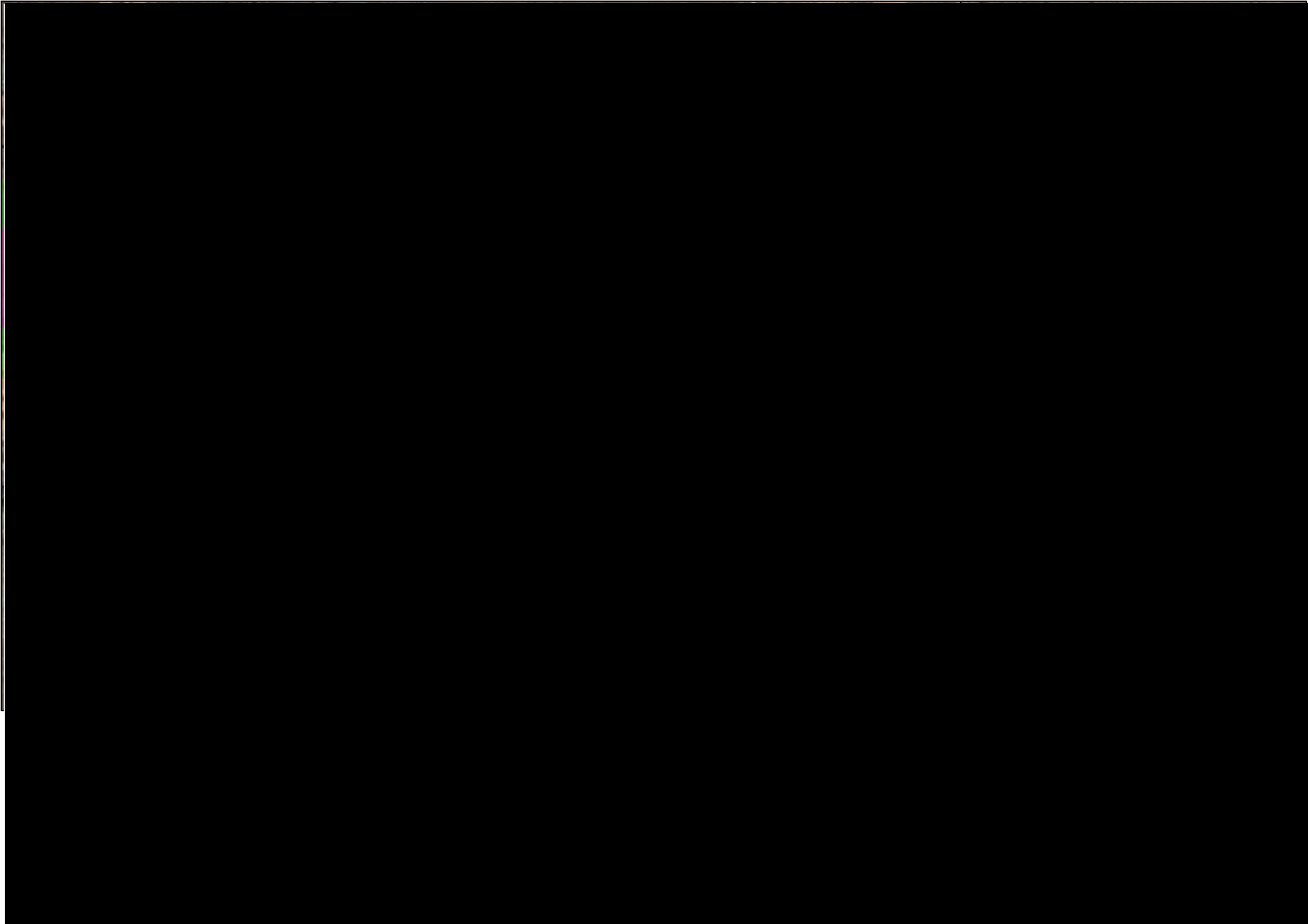
PAD Clearance areas

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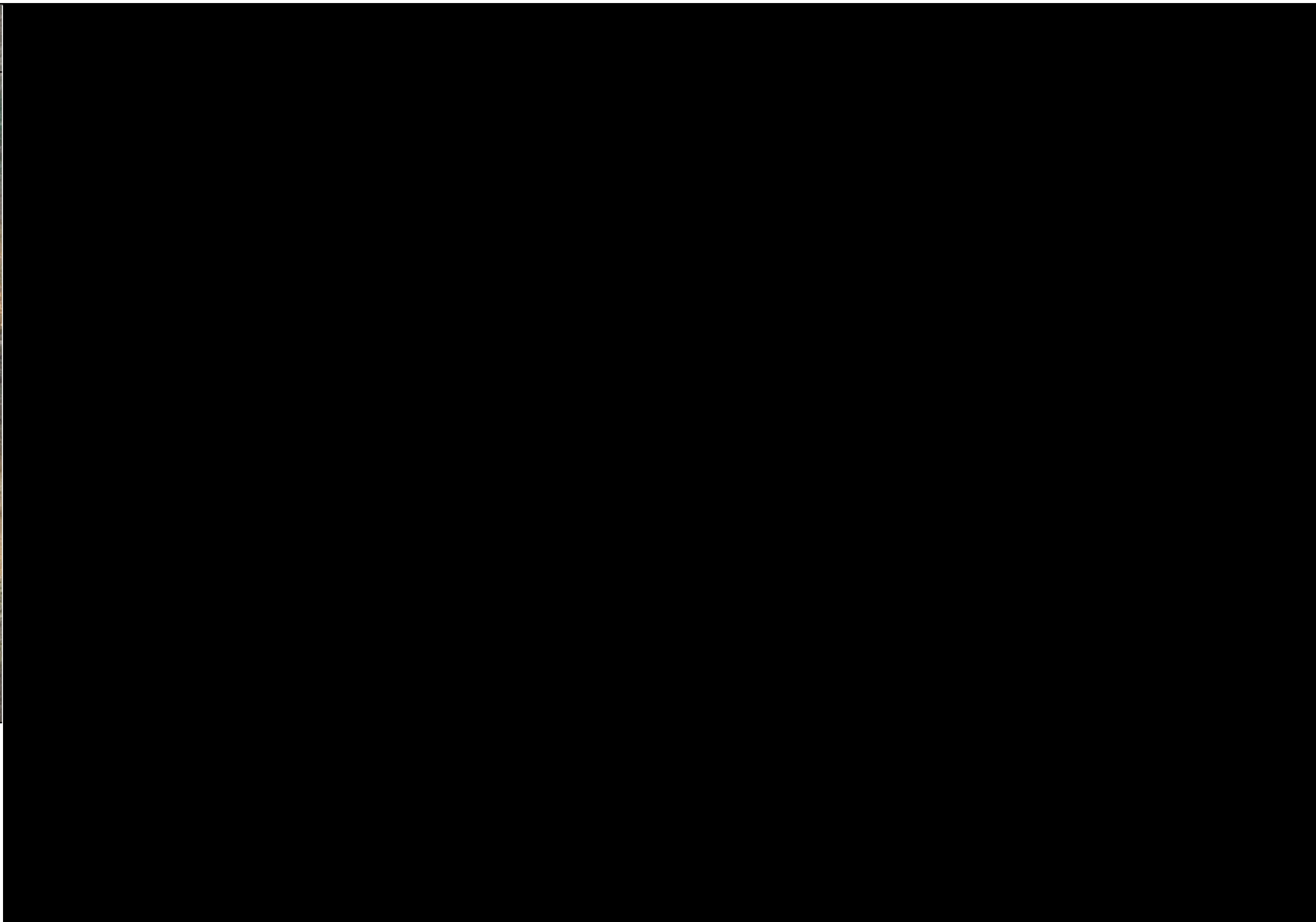


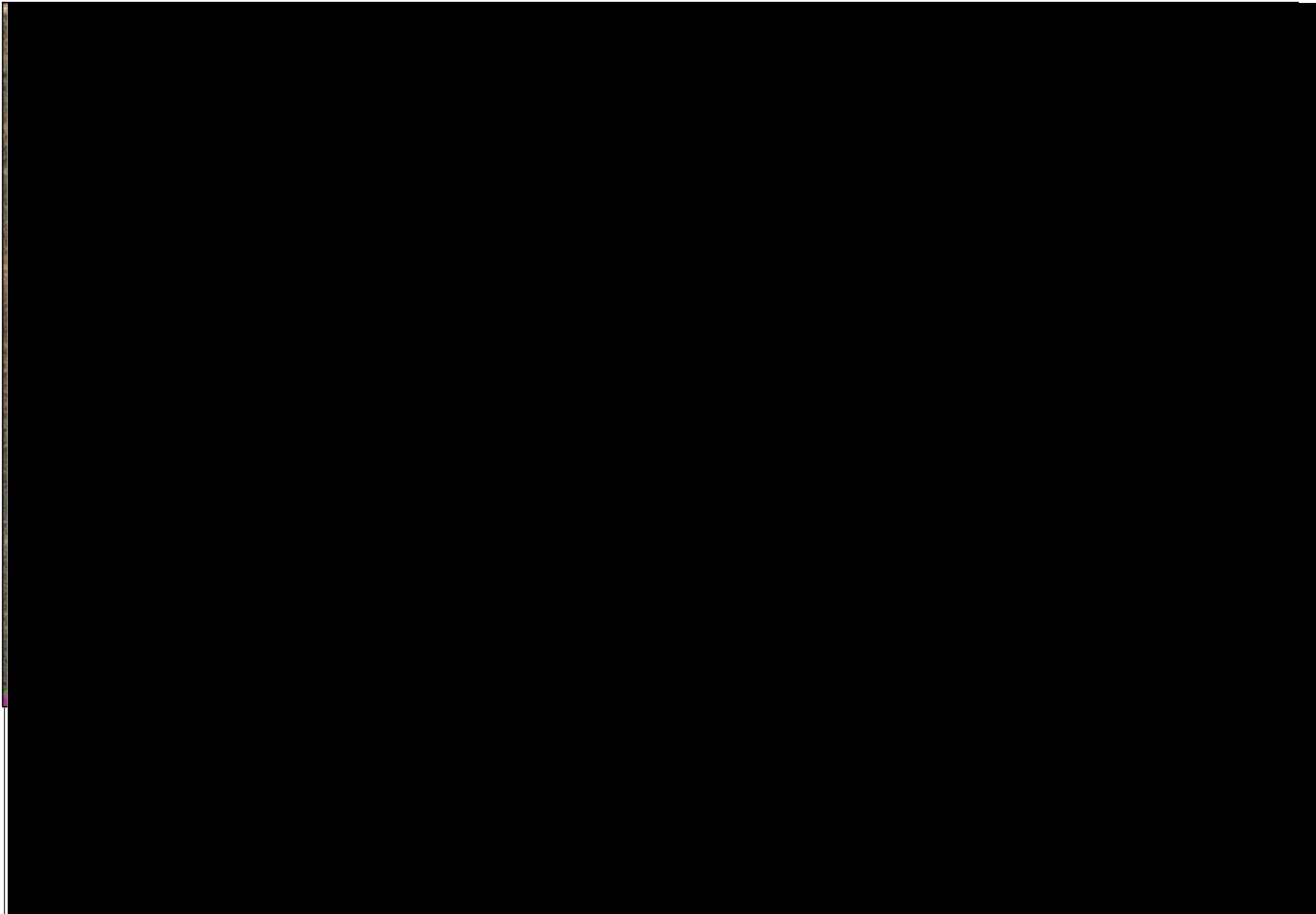






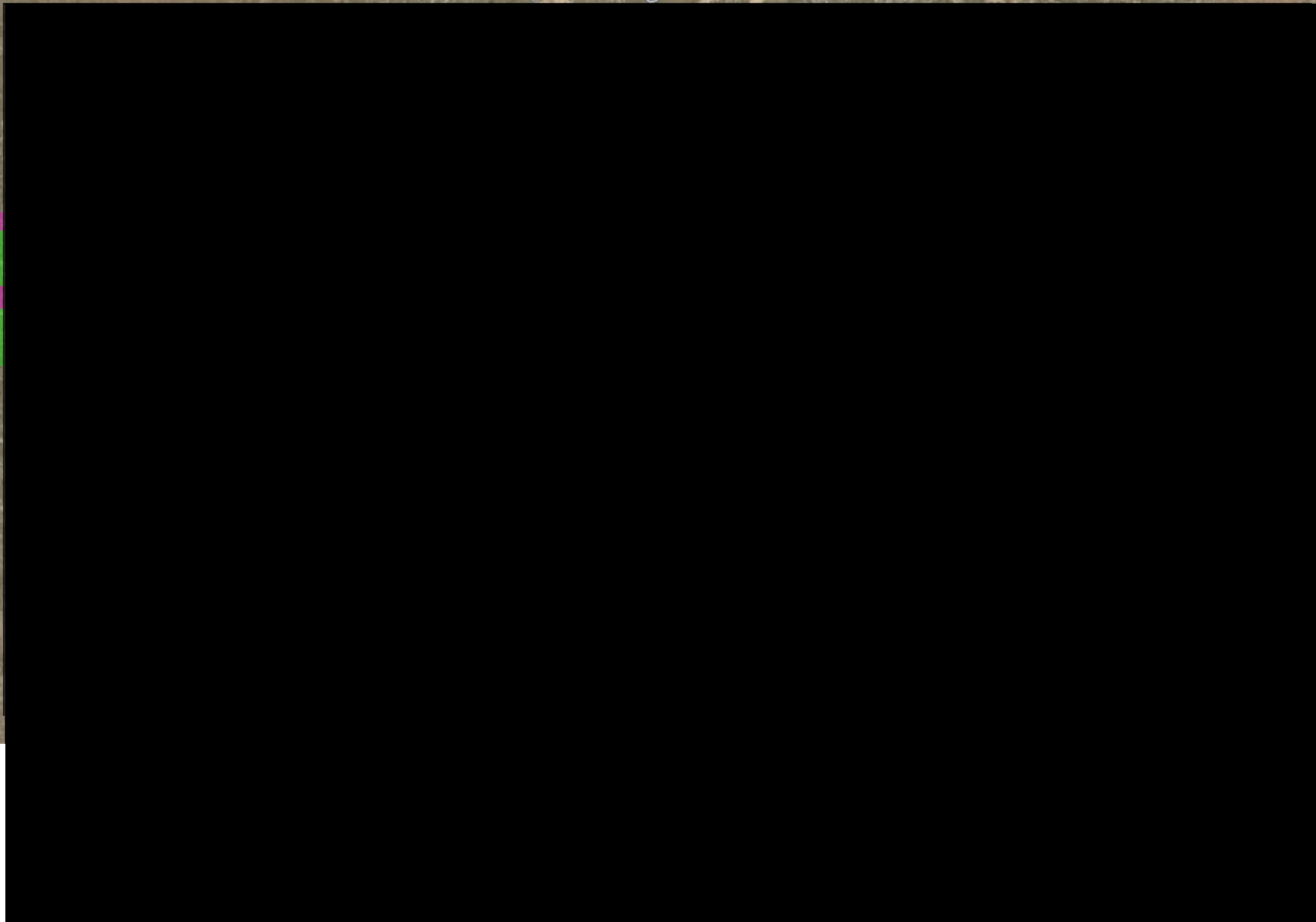
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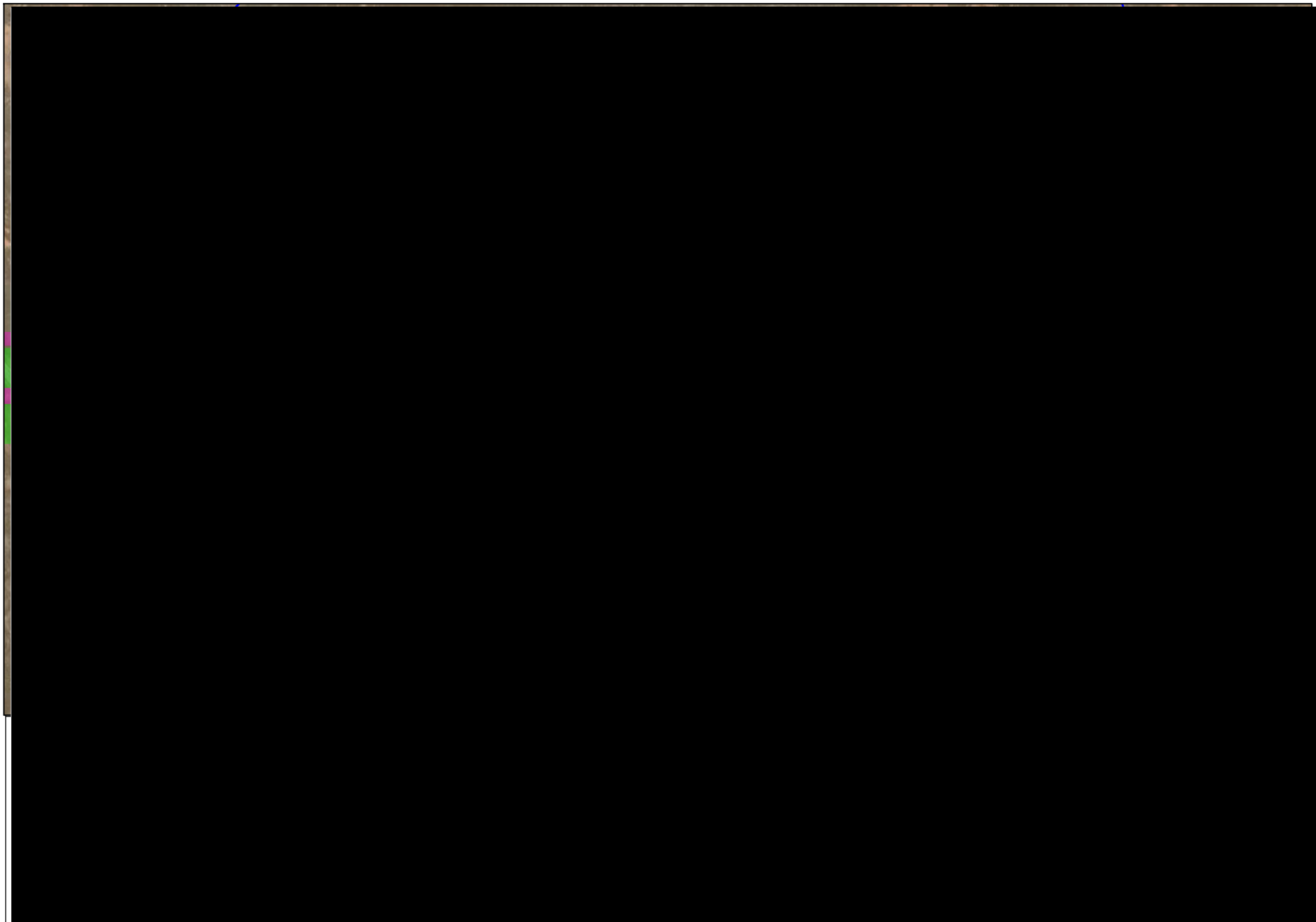


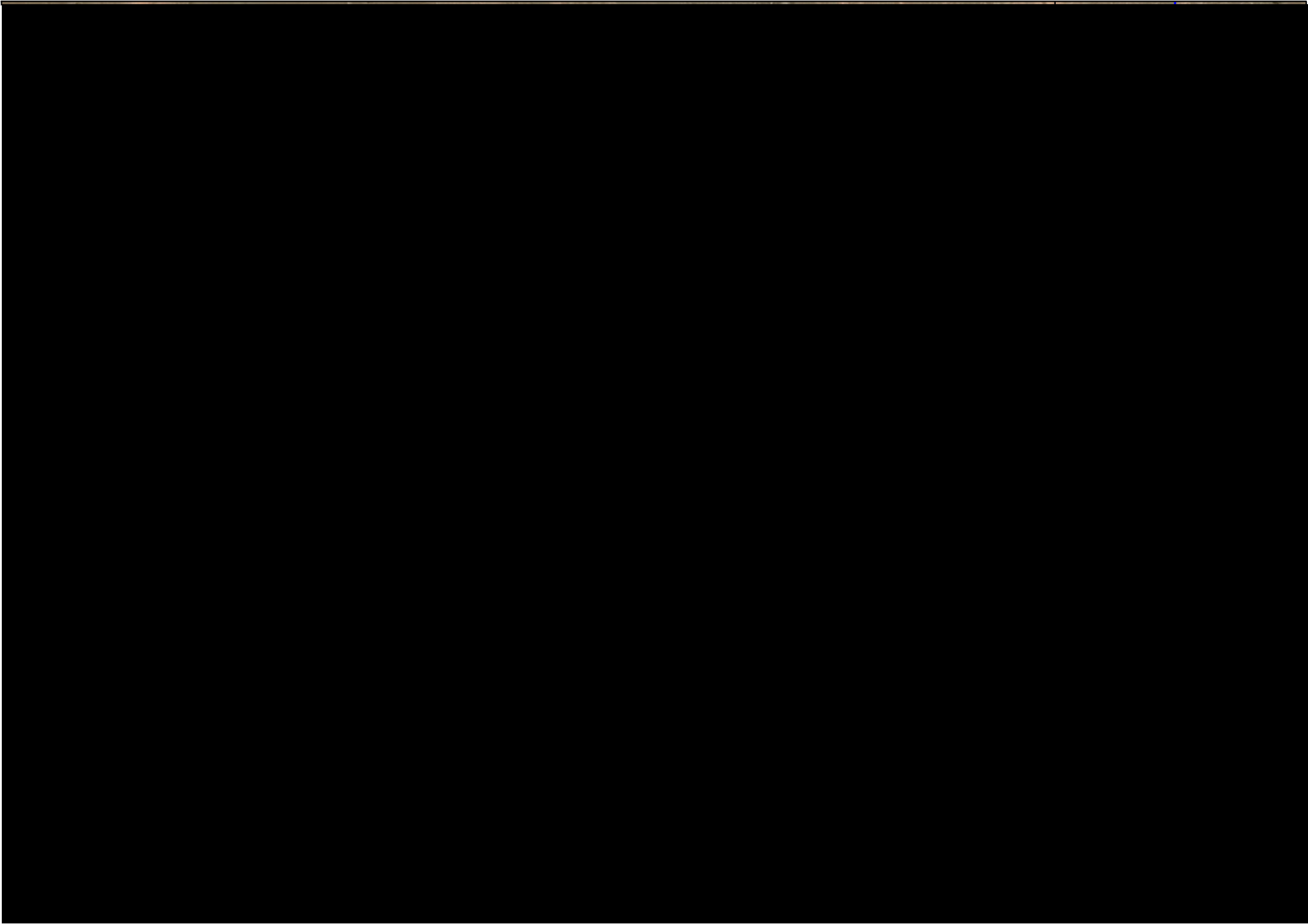


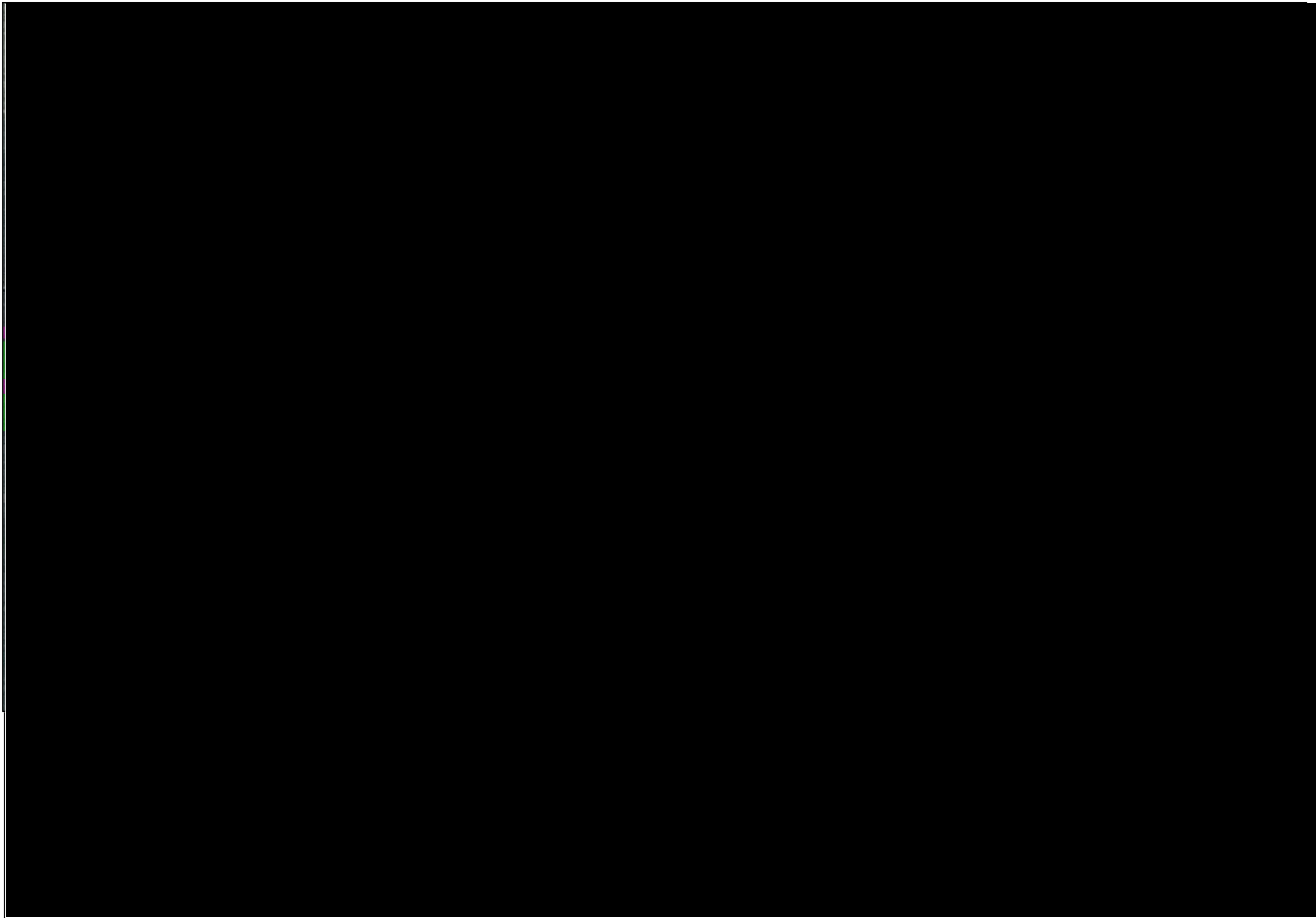
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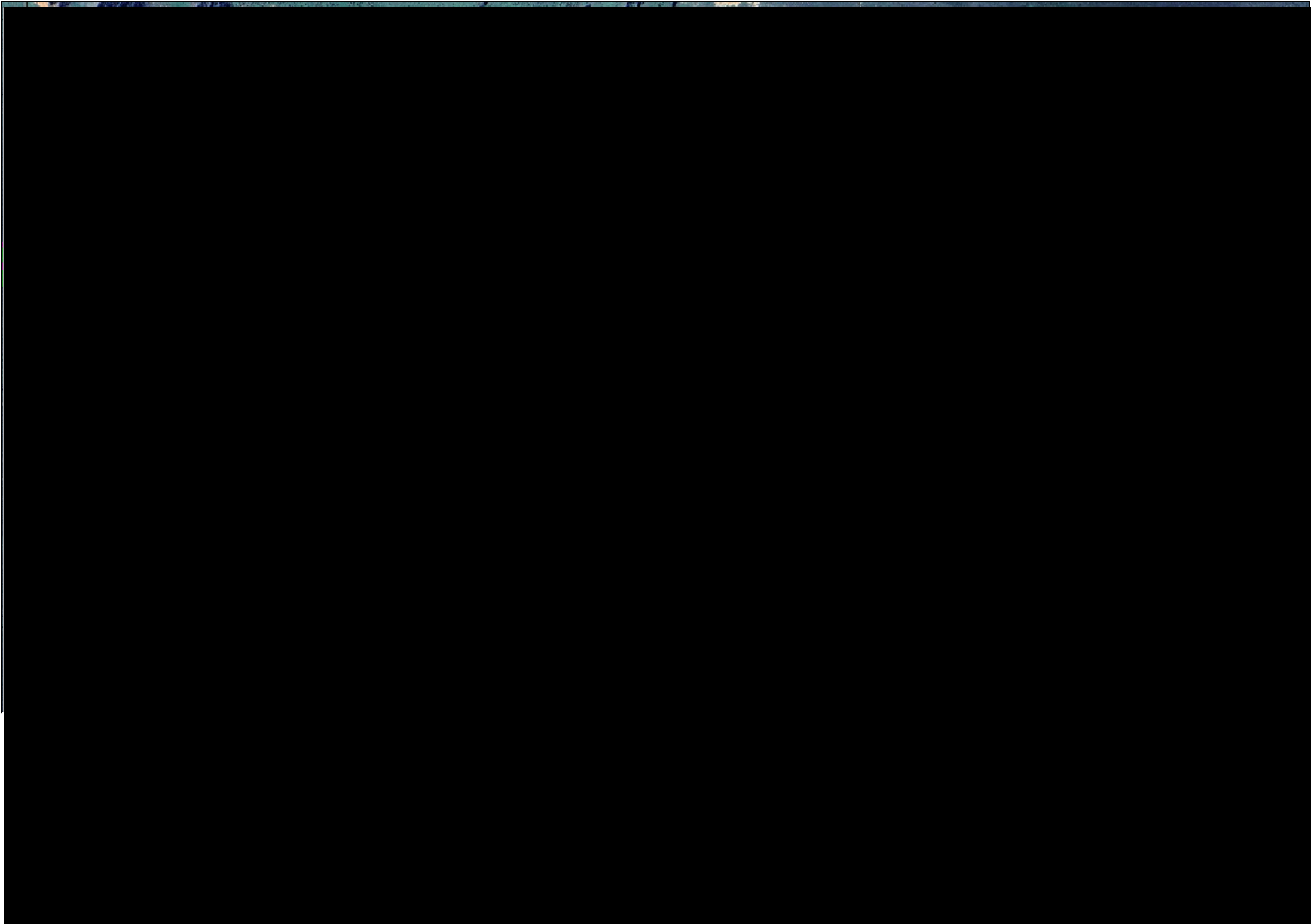
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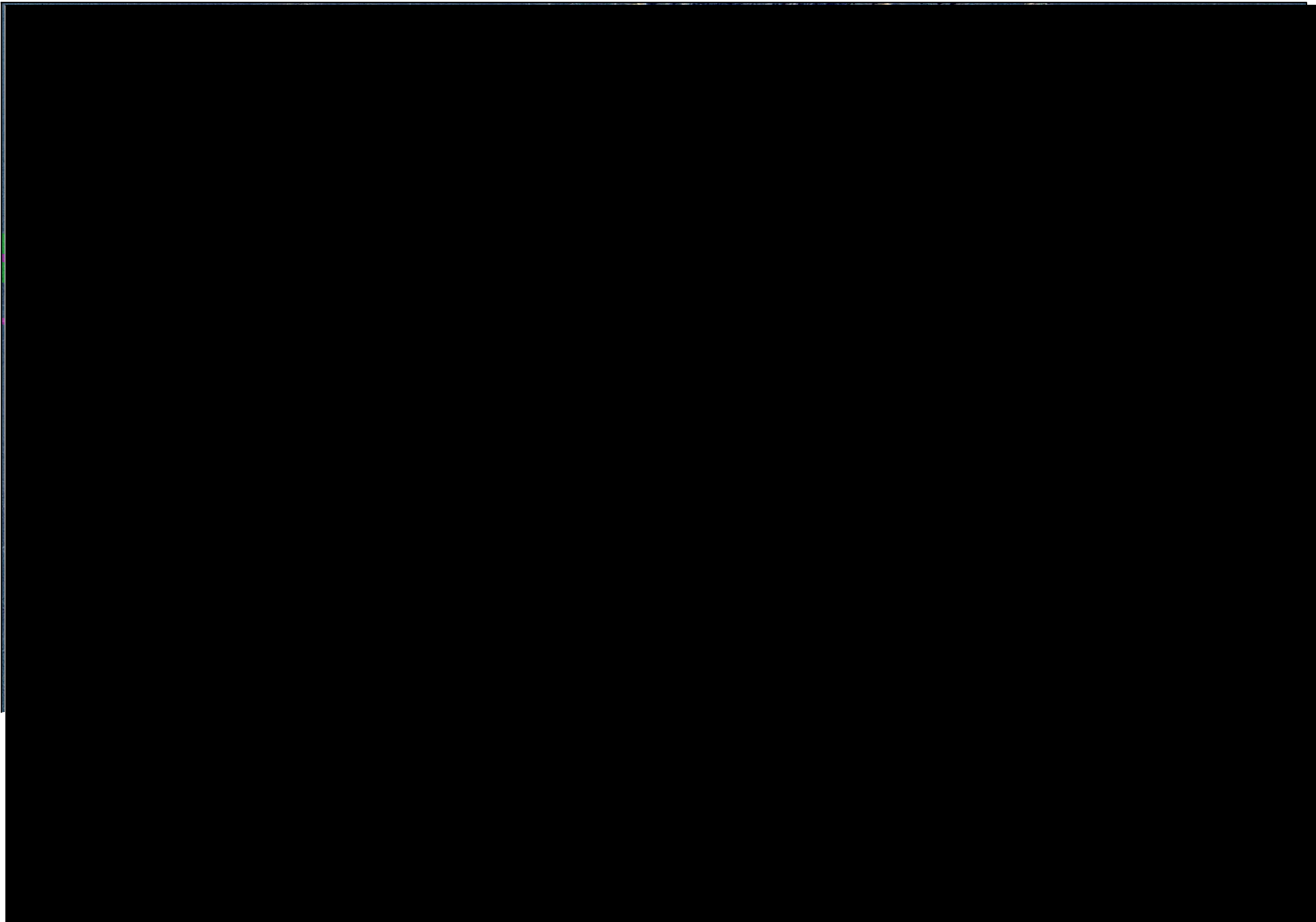


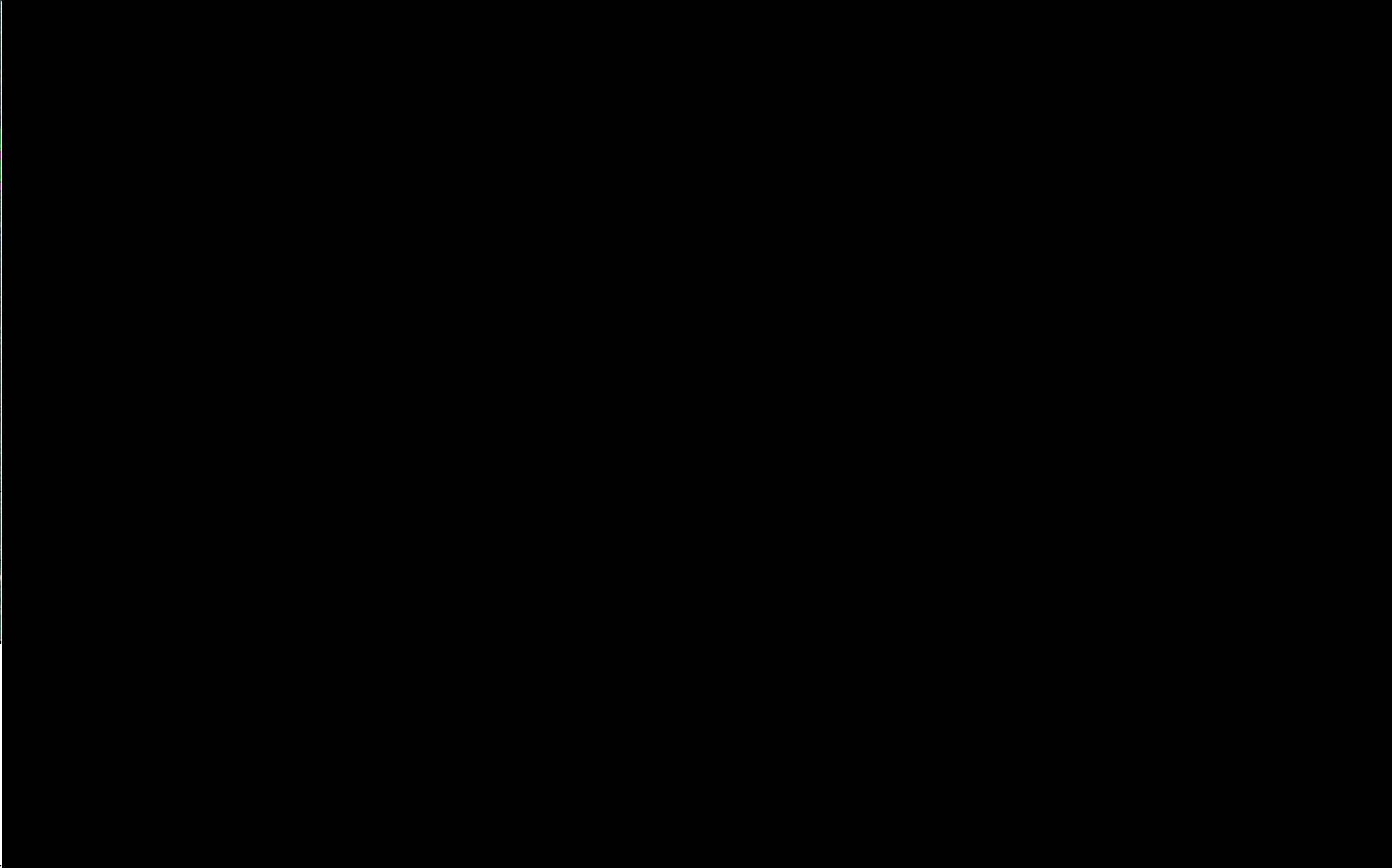










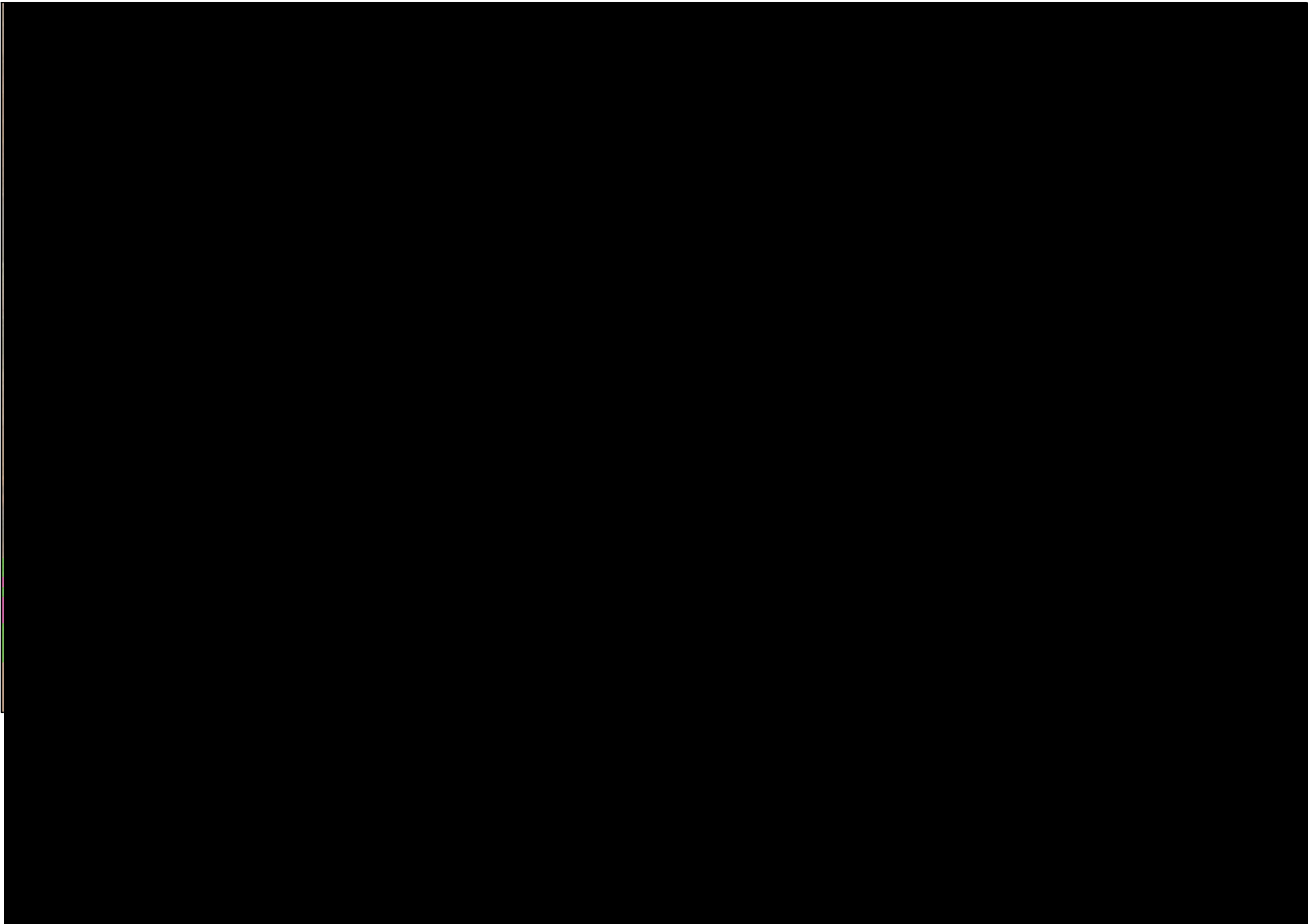


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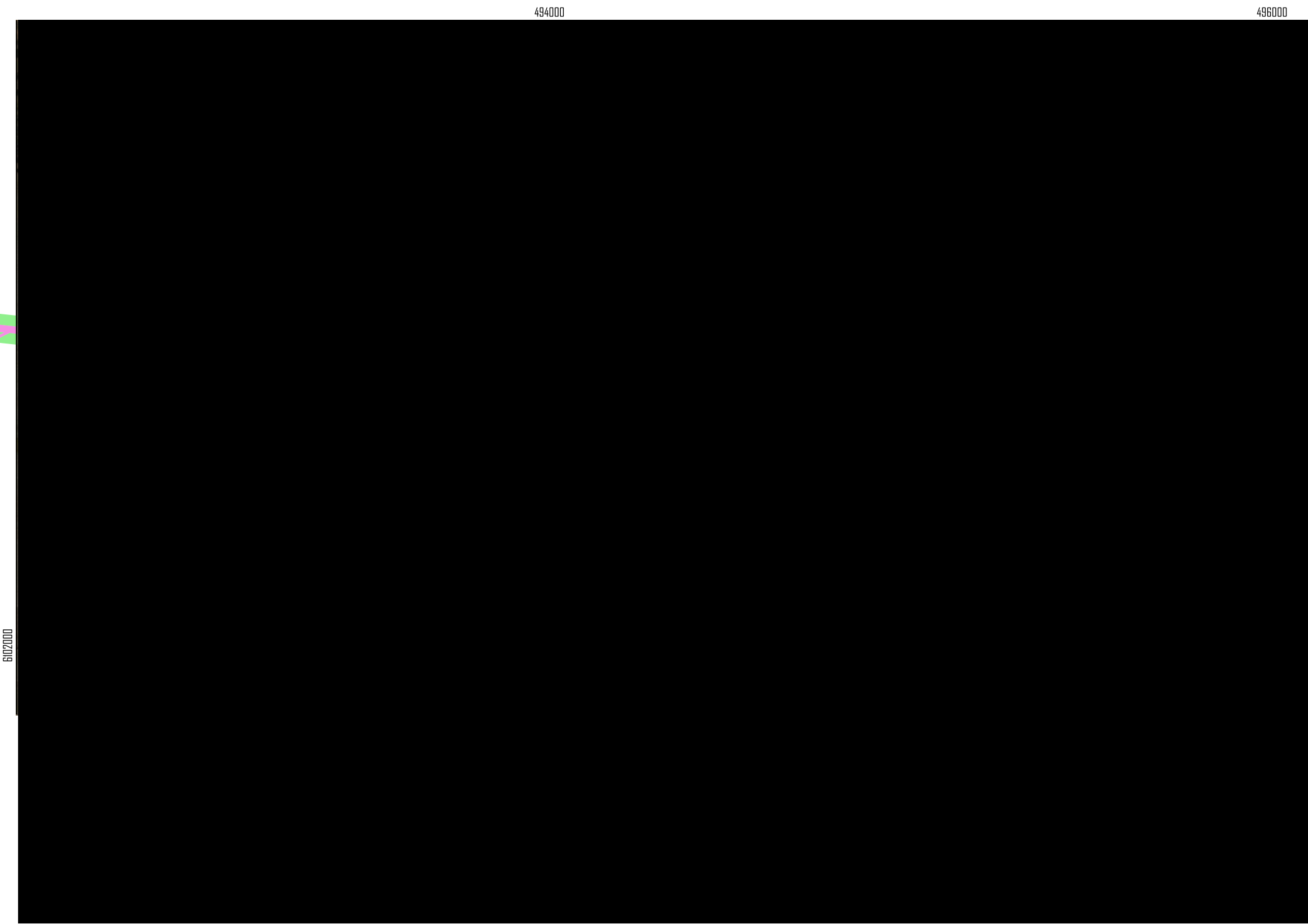
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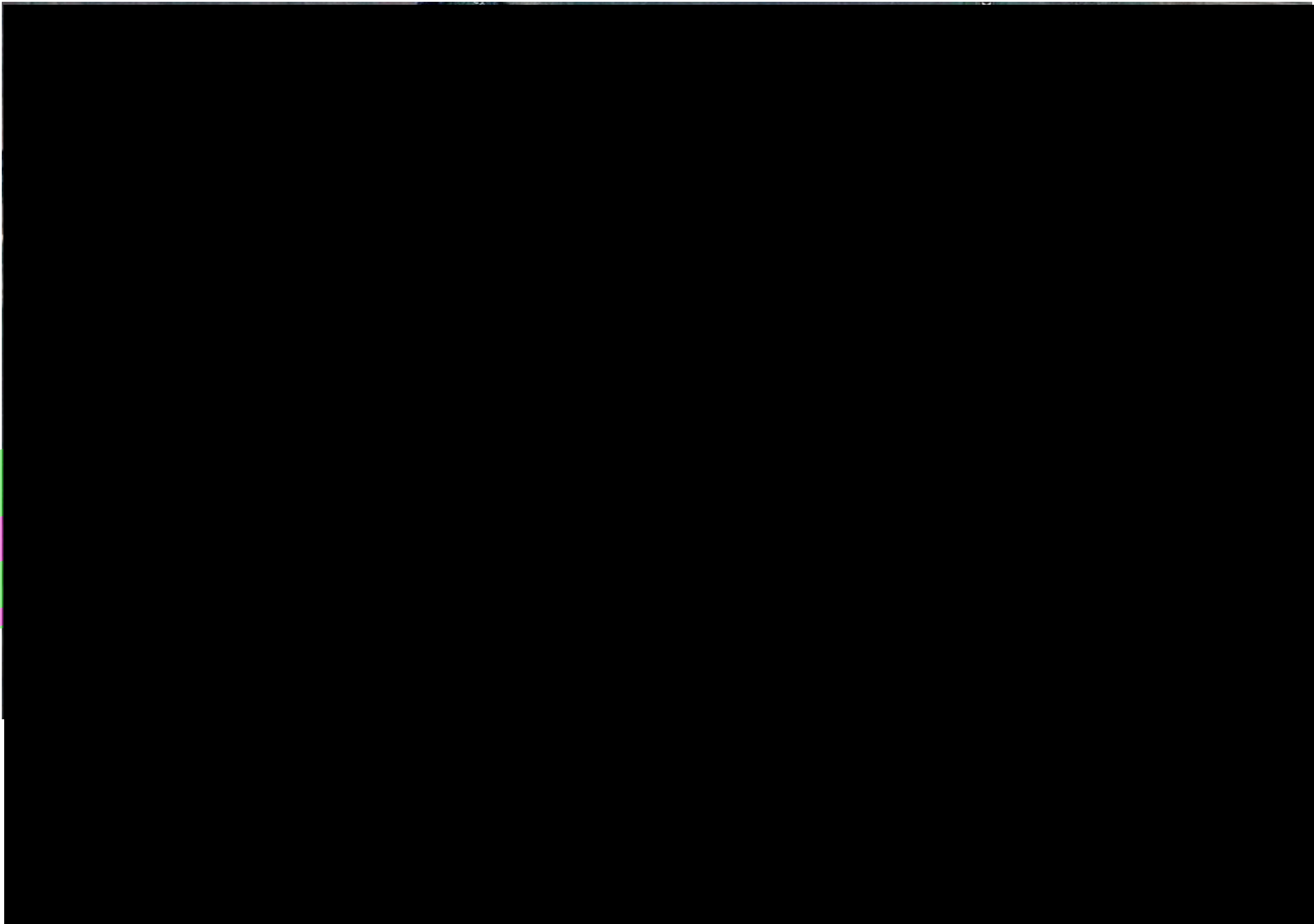


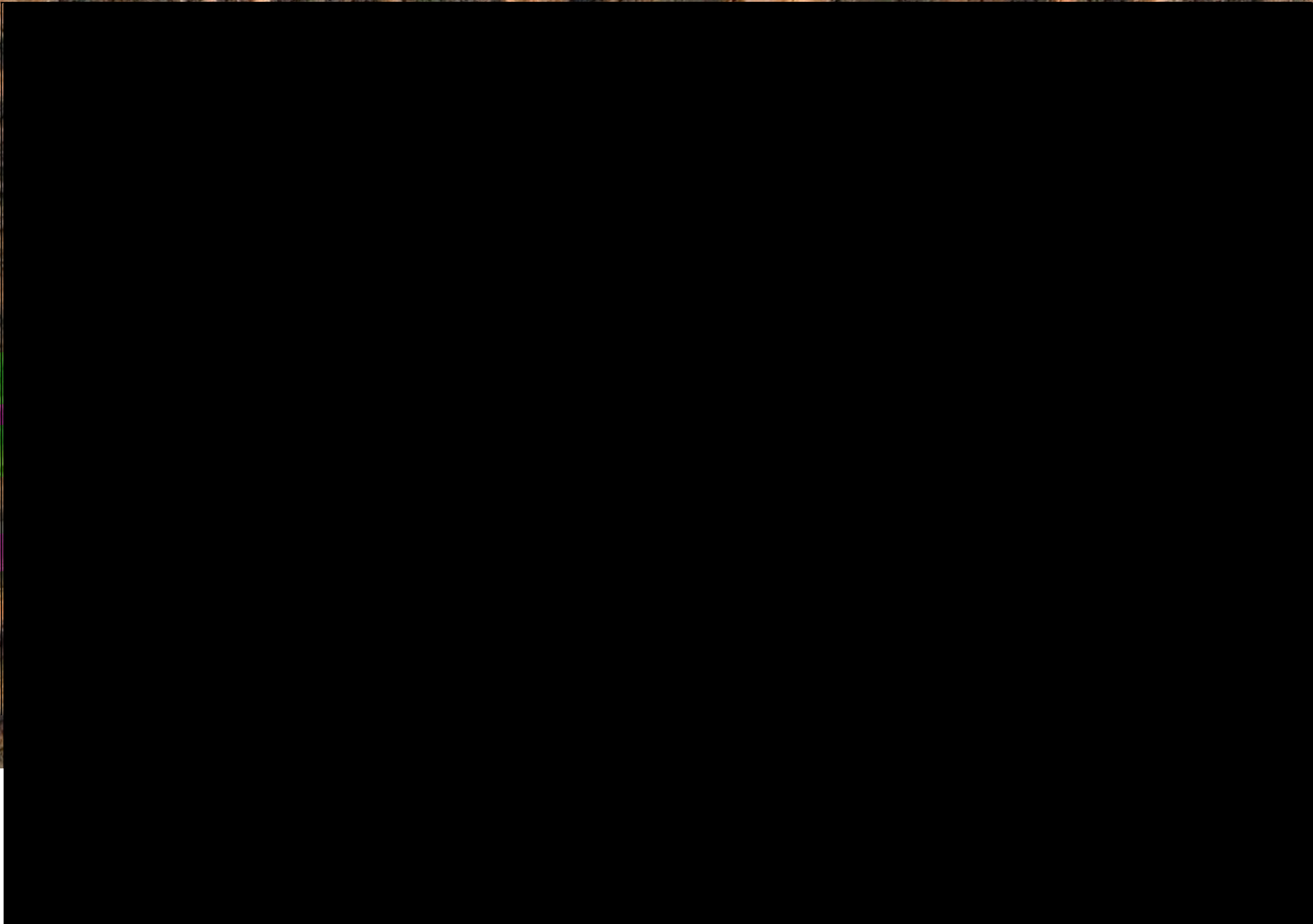


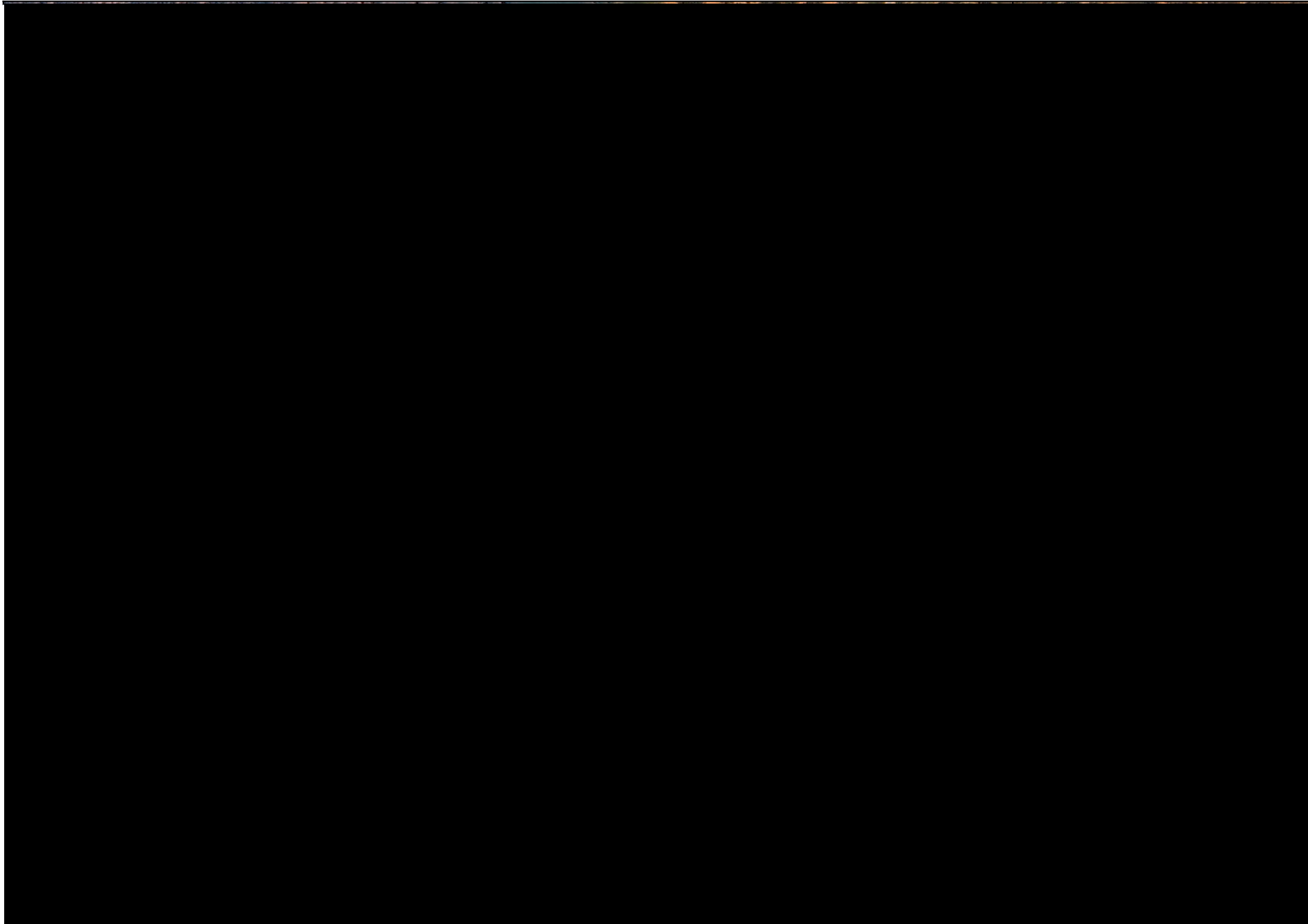










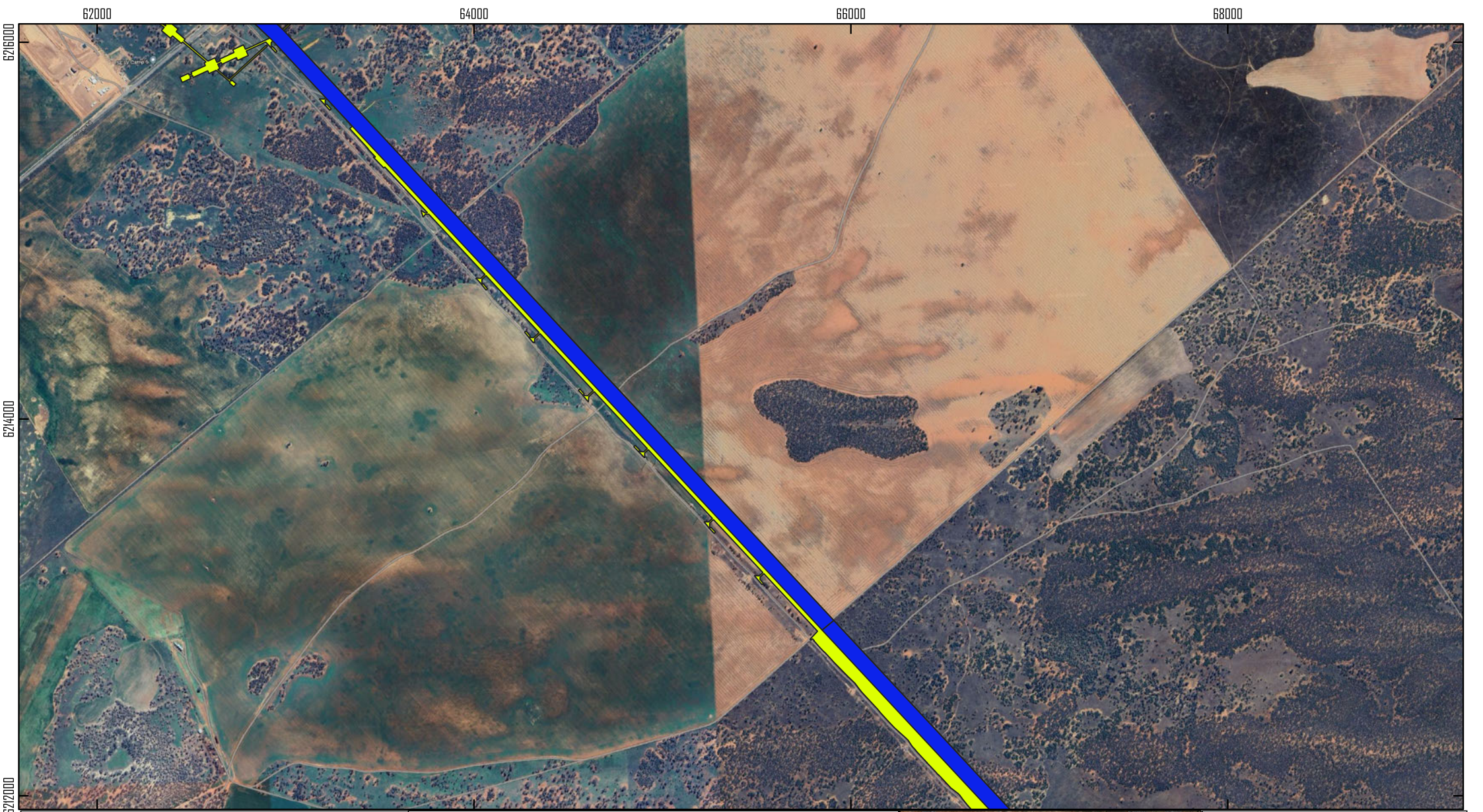






Appendix 5

Areas assessed as part of this Addendum





Project: EnergyConnect (NSW) - Eastern Section
Basemap: Google LANDSAT / Copernicus ©
Google 2019

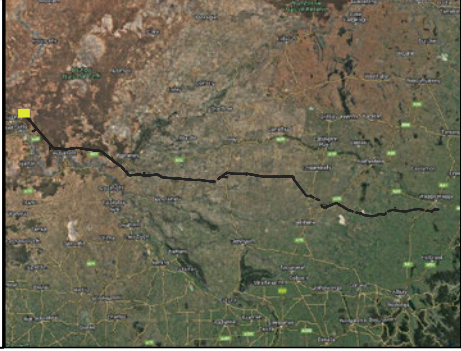
Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

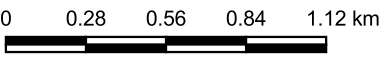
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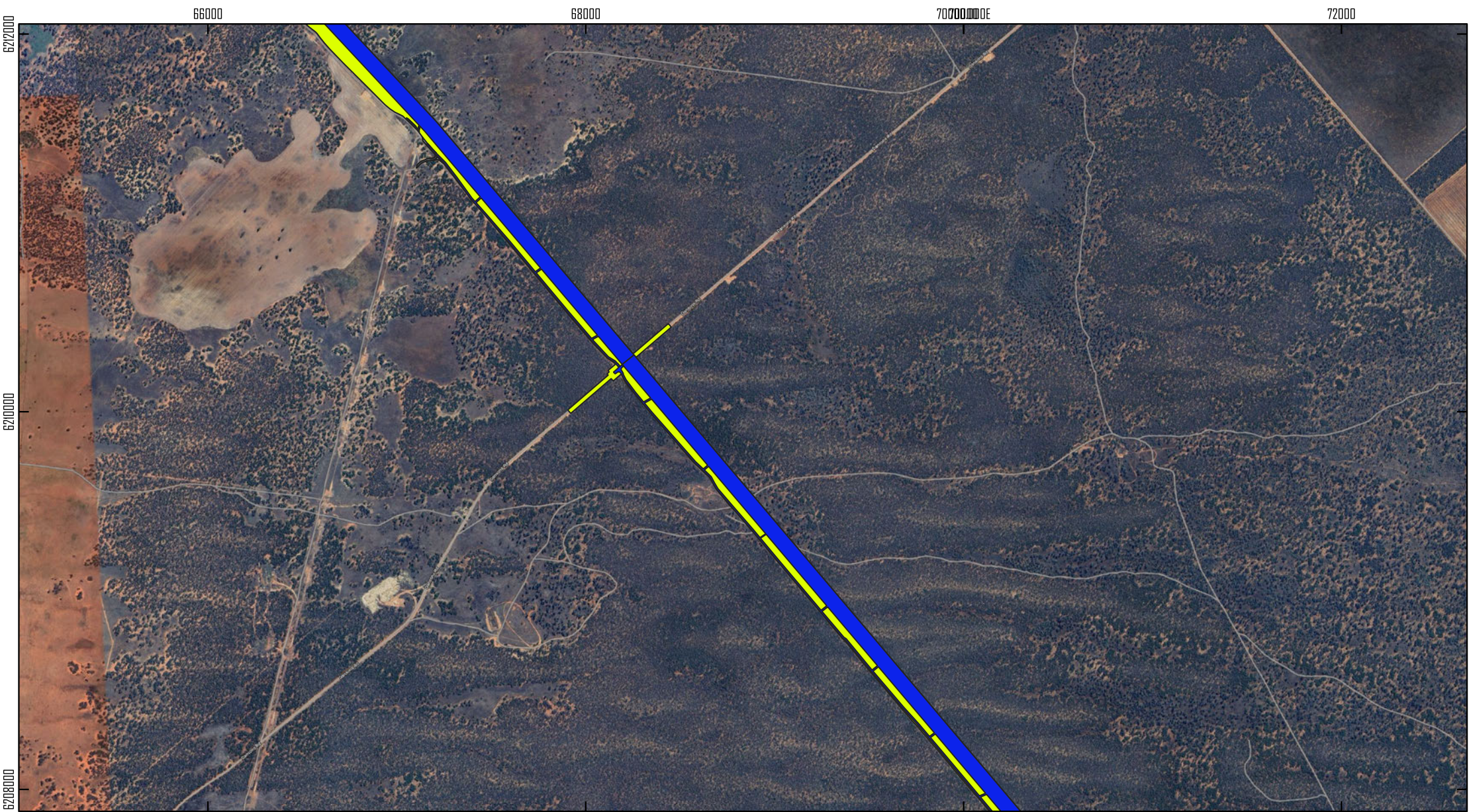
- Revised ACHAR Survey Extent
- Additional Heritage Survey Area

	Completed
	Assessed



N





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

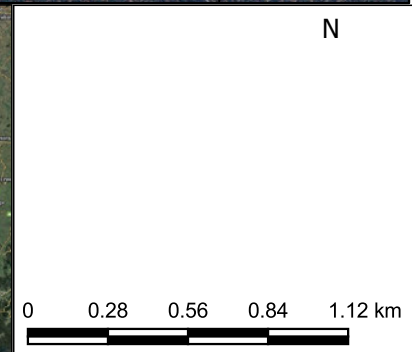
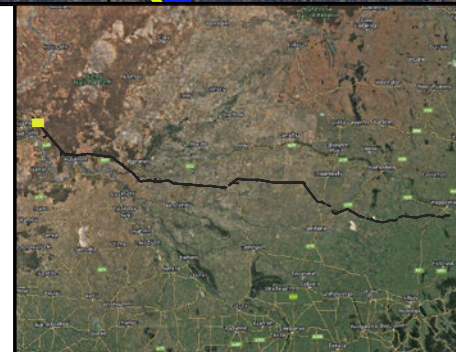
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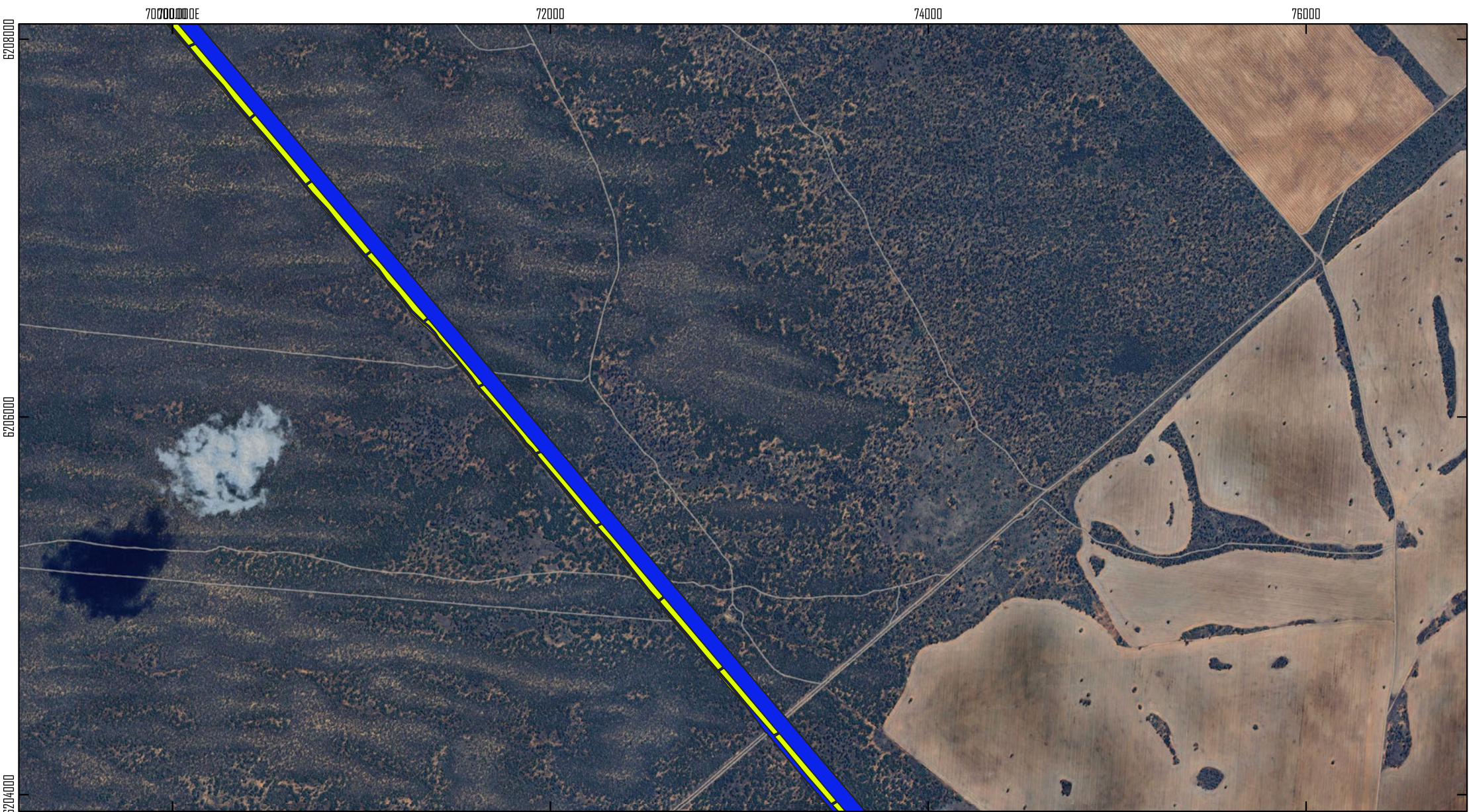
Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

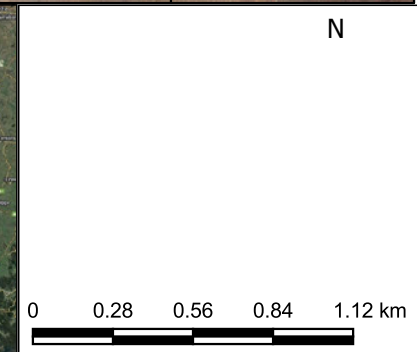
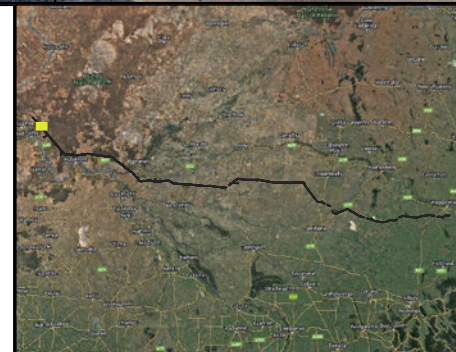
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Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed





Project: EnergyConnect (NSW) - Eastern Section

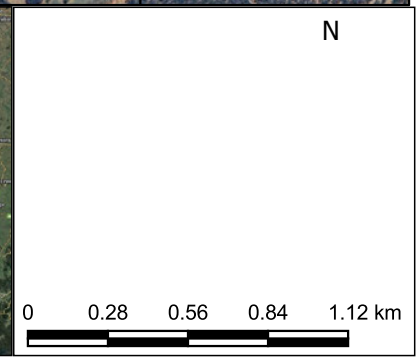
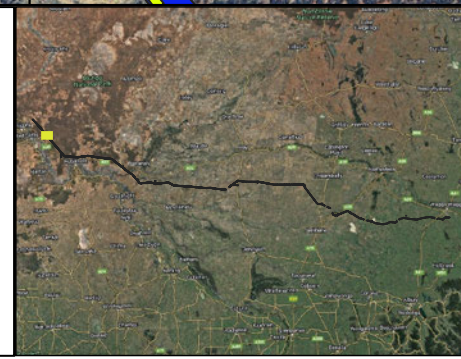
Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Revised ACHAR Survey Extent
 - Completed
- Additional Heritage Survey Area
 - Assessed



80000

82000

84000

86000

6194000

6192000



Project: EnergyConnect (NSW) - Eastern Section

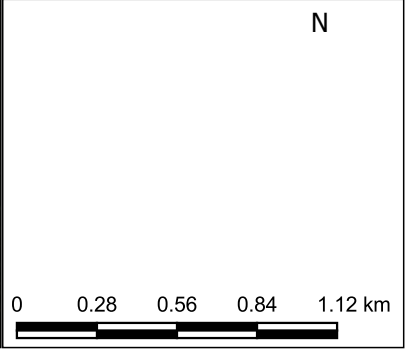
Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Revised ACHAR Survey Extent
 - Completed
- Additional Heritage Survey Area
 - Assessed





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

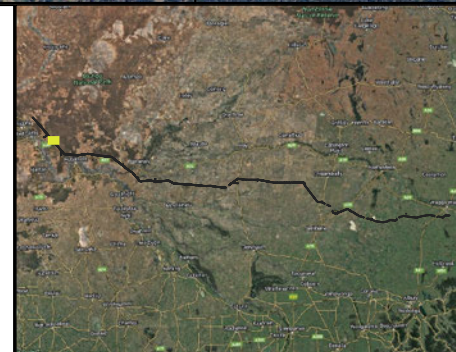
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Revised ACHAR Survey Extent

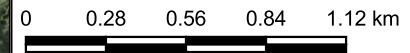
 Completed

Additional Heritage Survey Area

 Assessed



N





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

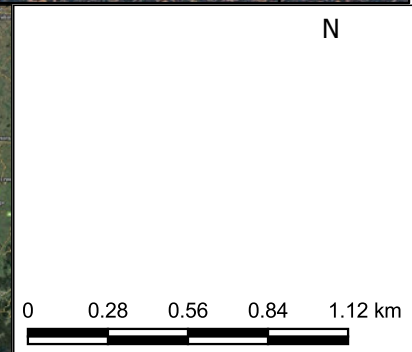
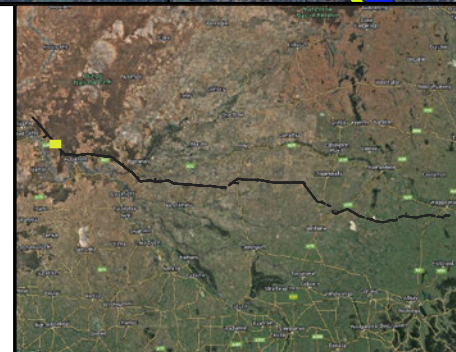
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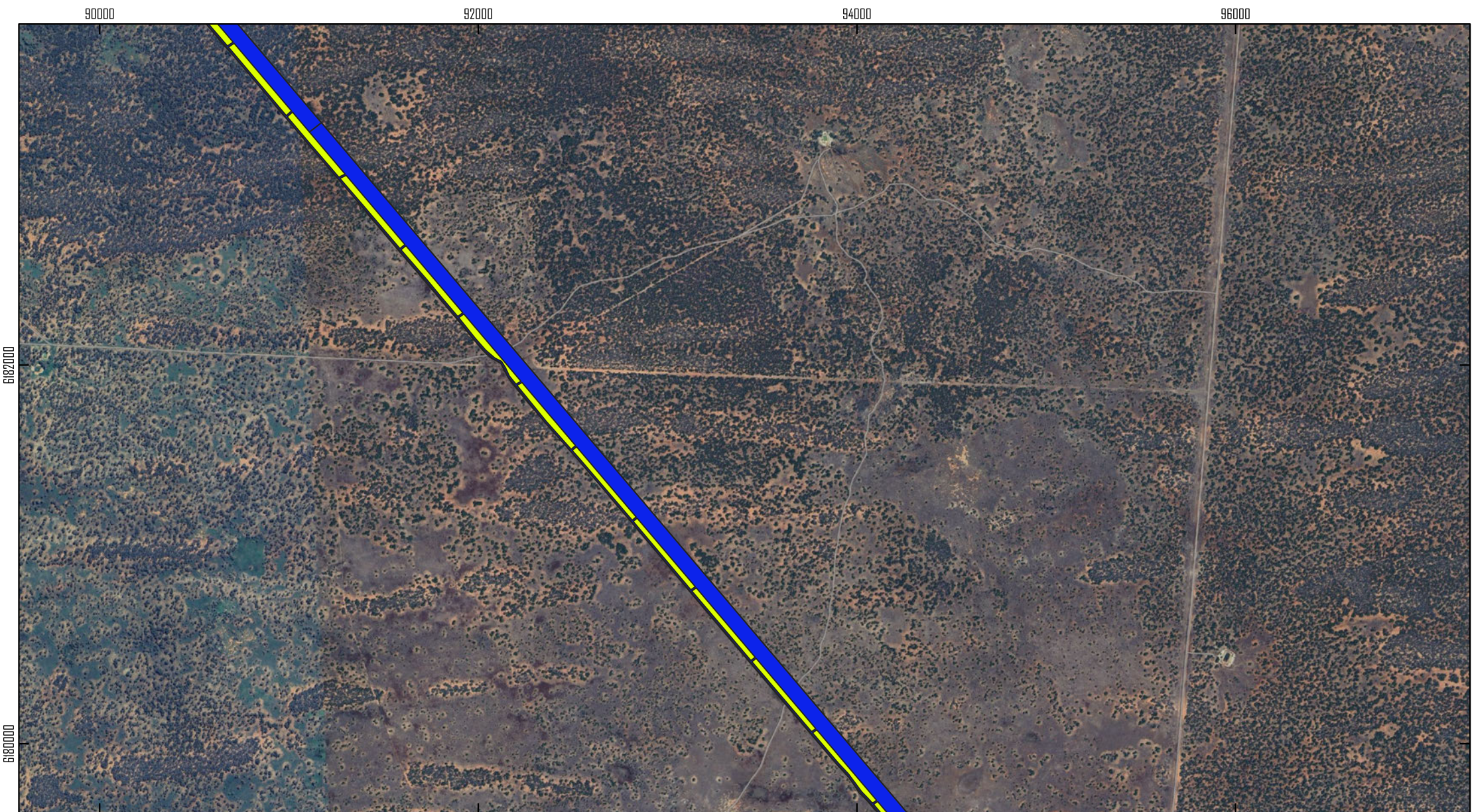
Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

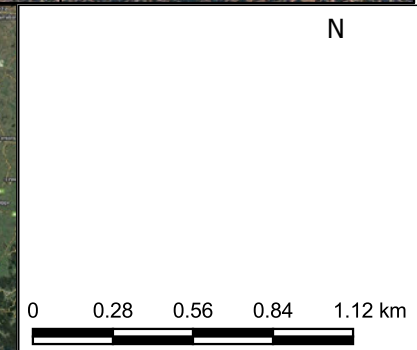
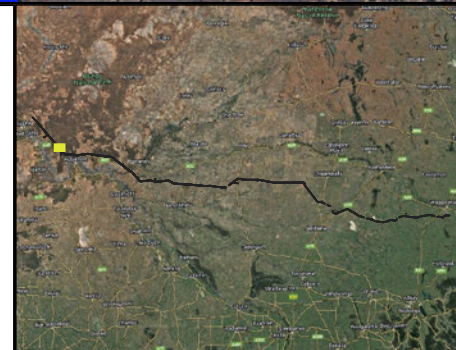
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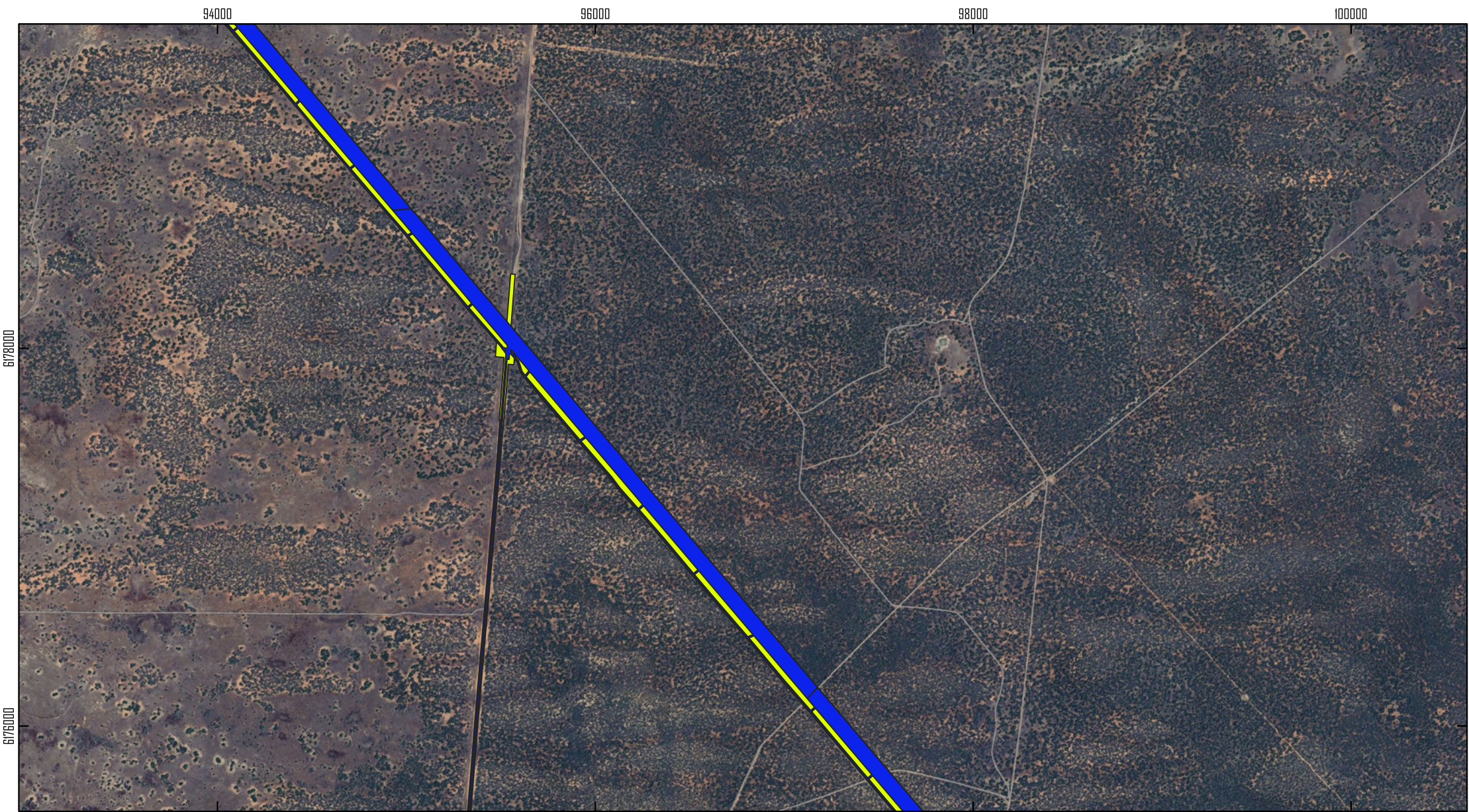
Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

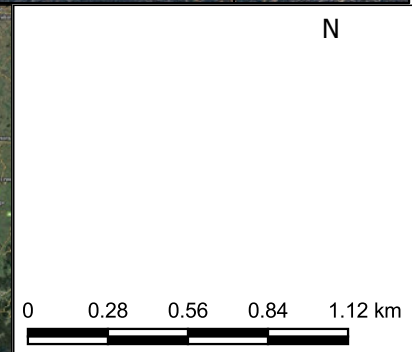
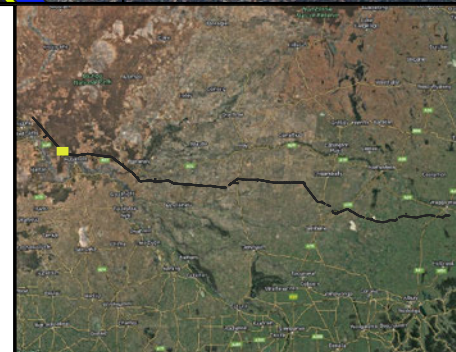
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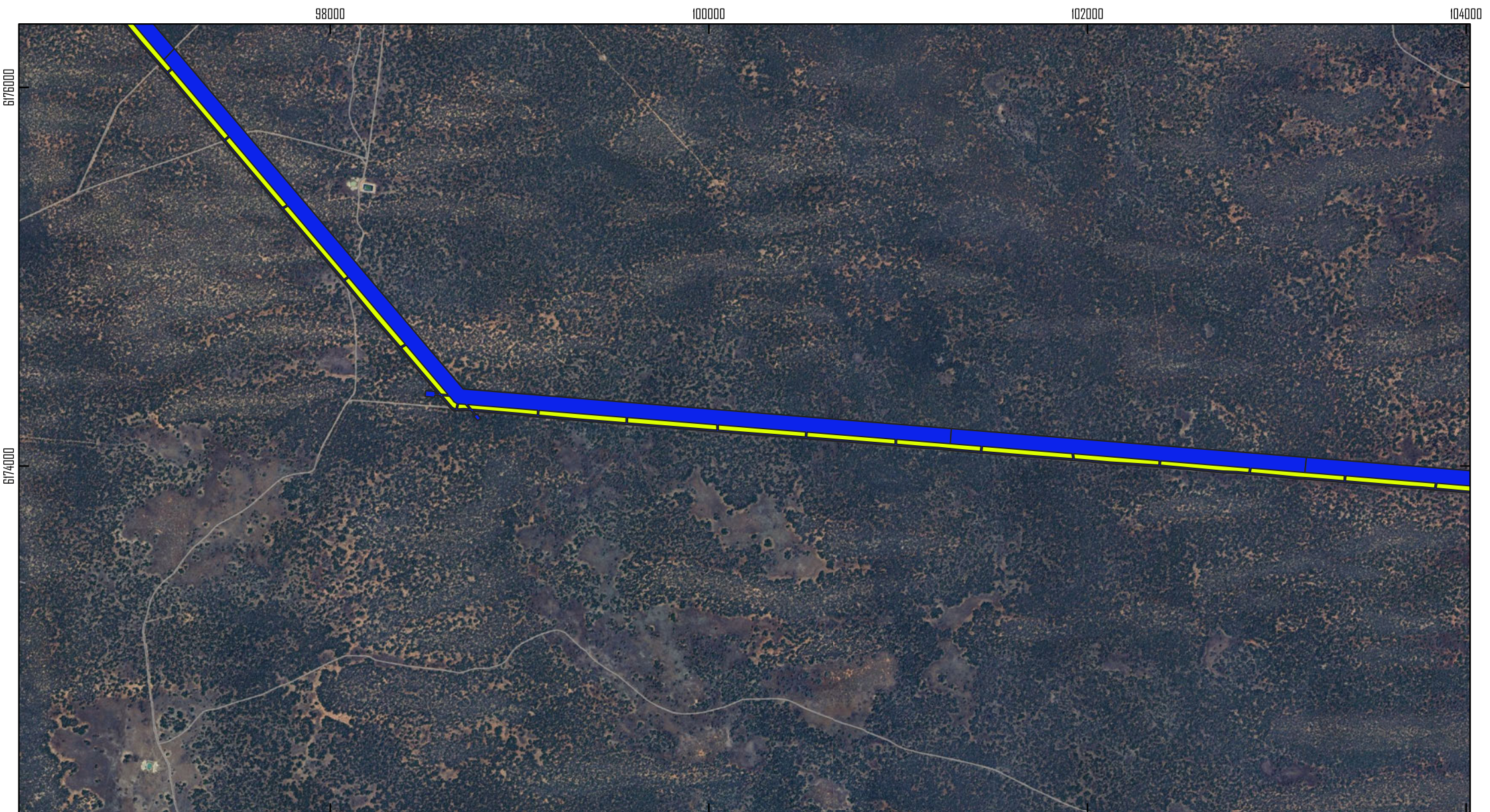
Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

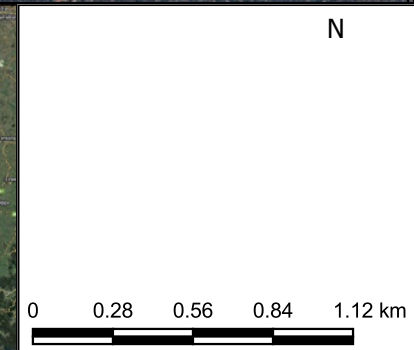
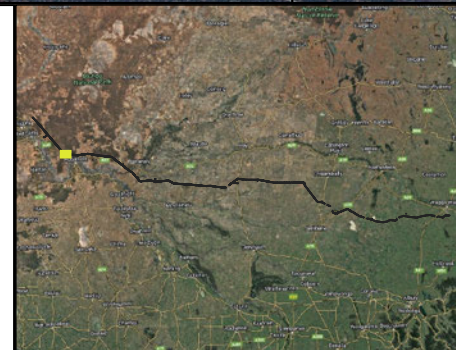
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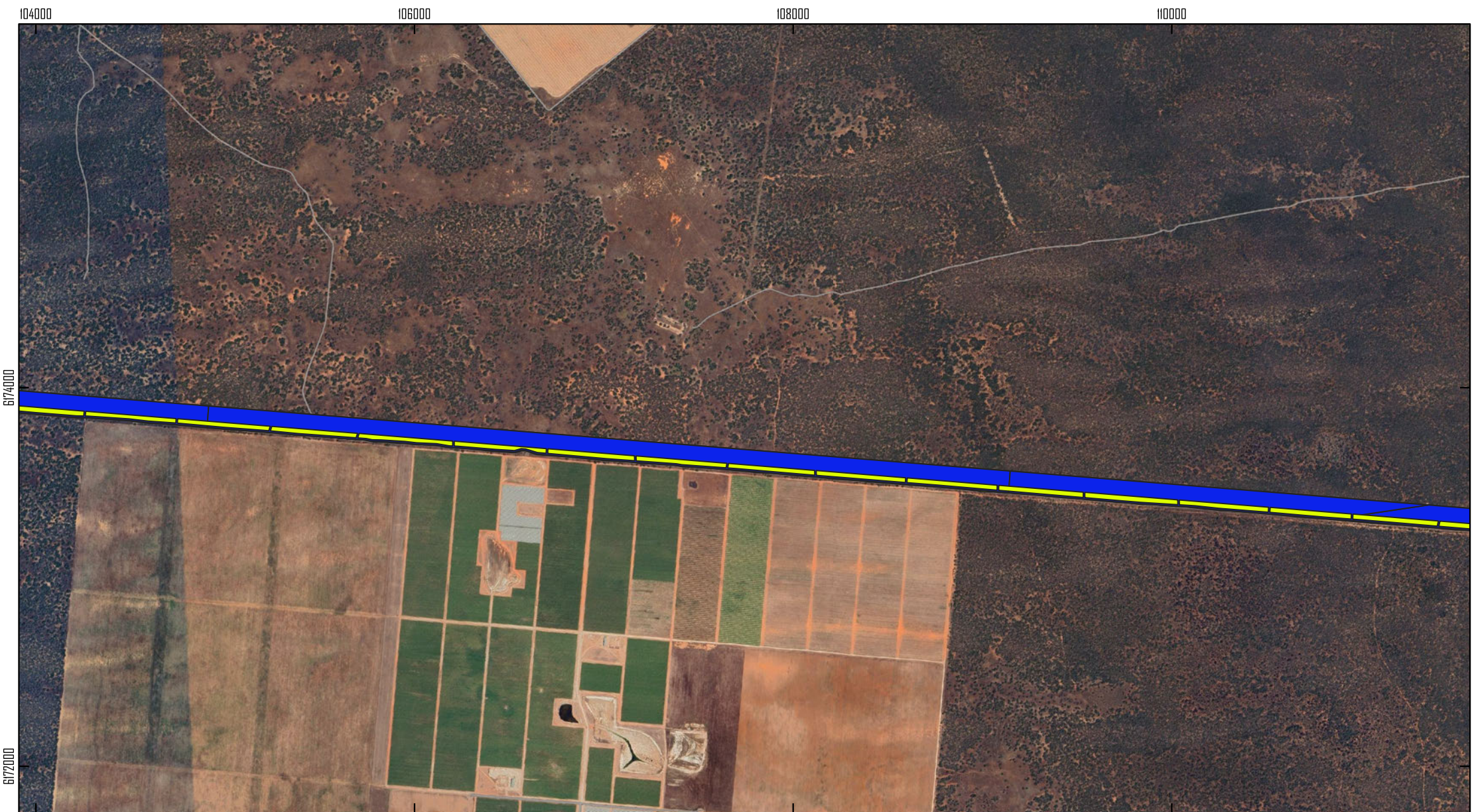
Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed







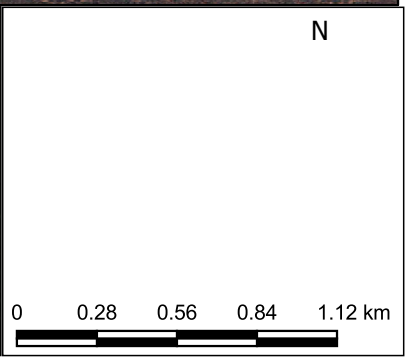
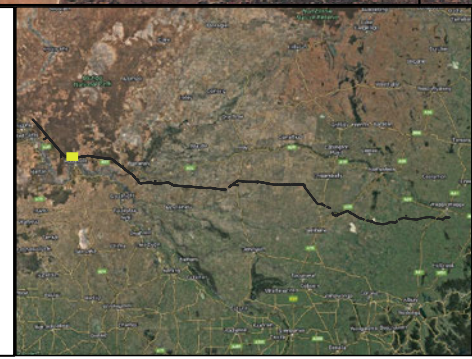
Project: EnergyConnect (NSW) - Eastern Section
Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Revised ACHAR Survey Extent
 Completed
- Additional Heritage Survey Area
 Assessed



112000

114000

116000

118000

6172000

6170000



Project: EnergyConnect (NSW) - Eastern Section

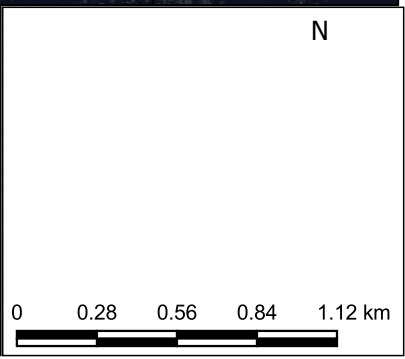
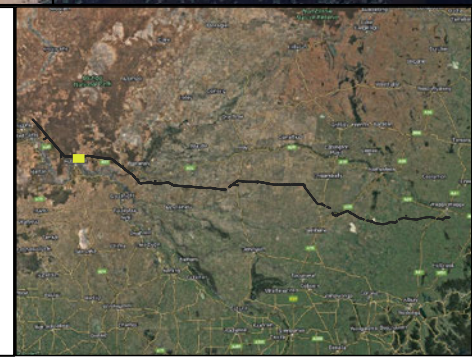
Basemap: Google LANDSAT / Copernicus © Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Revised ACHAR Survey Extent
 - Completed
- Additional Heritage Survey Area
 - Assessed





Project: EnergyConnect (NSW) - Eastern Section

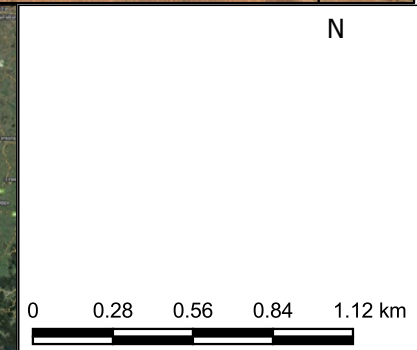
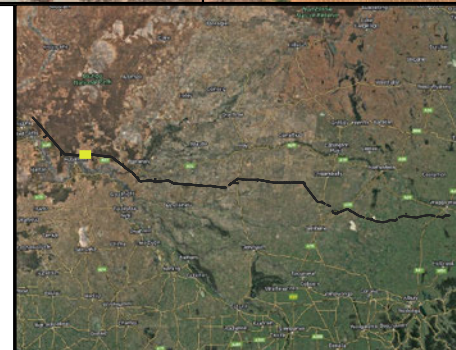
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Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Revised ACHAR Survey Extent
 - Completed
- Additional Heritage Survey Area
 - Assessed







Project: EnergyConnect (NSW) - Eastern Section

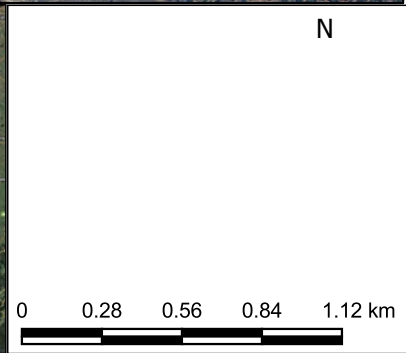
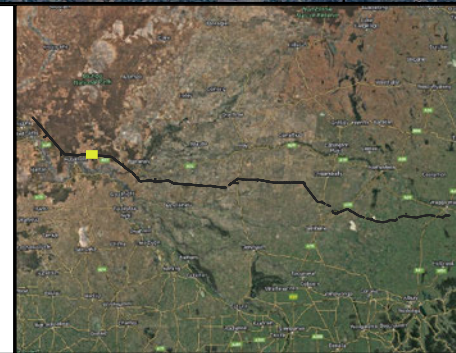
Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

-  Completed
-  Assessed



134000

136000

138000

14000000E

6174000

6172000



Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

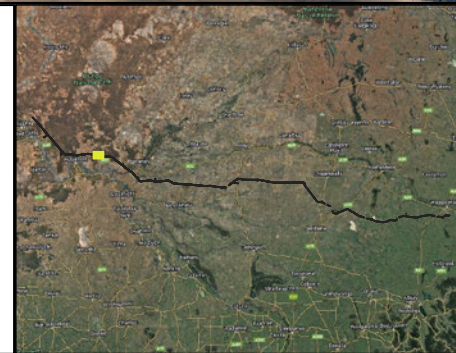
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Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed



N

0 0.28 0.56 0.84 1.12 km



142000

144000

146000

148000

6172000

6170000



Project: EnergyConnect (NSW) - Eastern Section

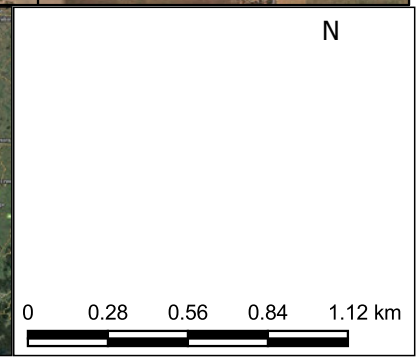
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Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
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Projection: GDA94
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Scale at A4: 1:26,480.945136

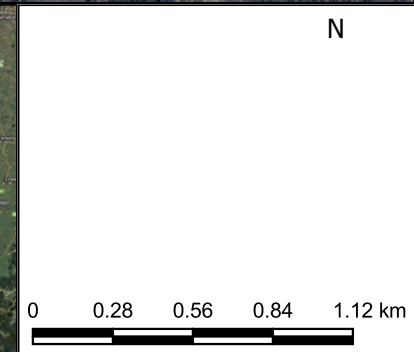
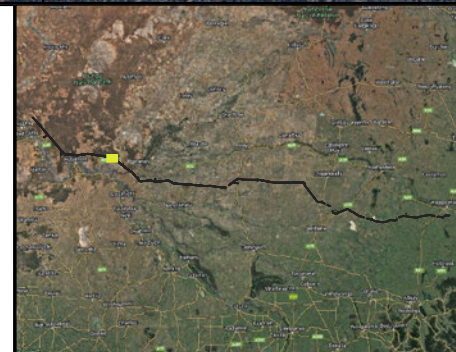
Legend

Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

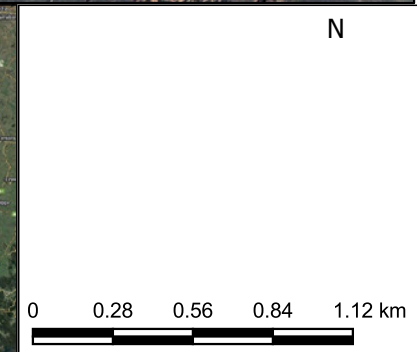
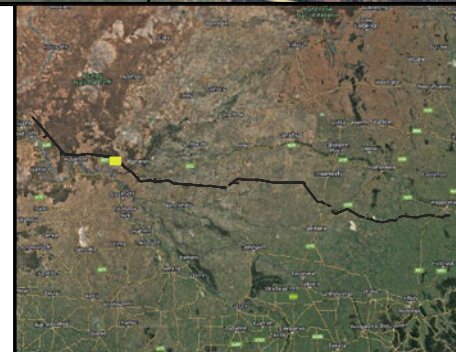
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Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed





Project: EnergyConnect (NSW) - Eastern Section

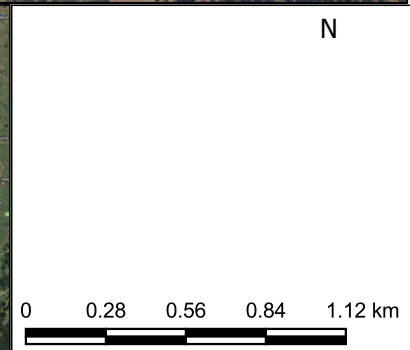
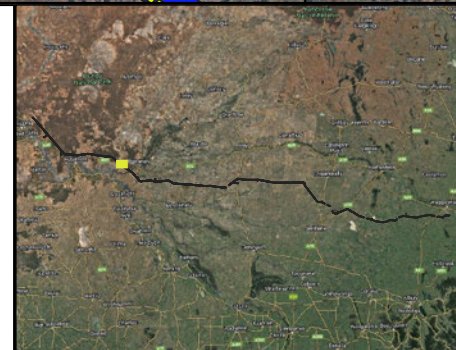
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Google 2019

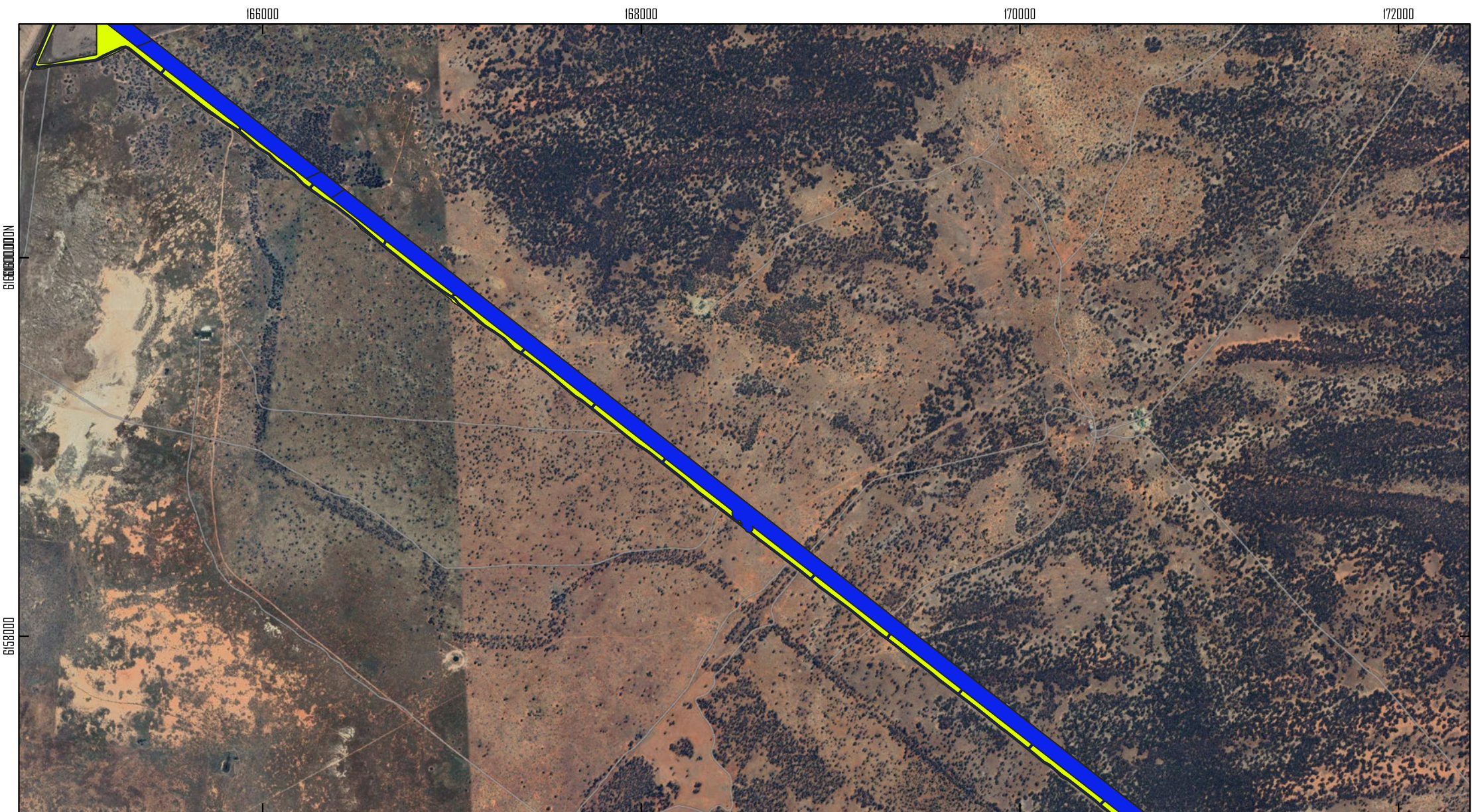
Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

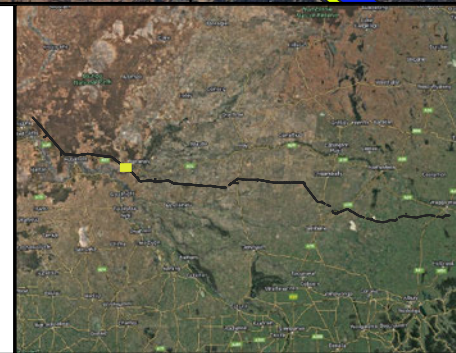
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Revised ACHAR Survey Extent

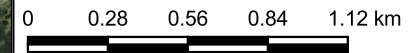
 Completed

Additional Heritage Survey Area

 Assessed



N





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

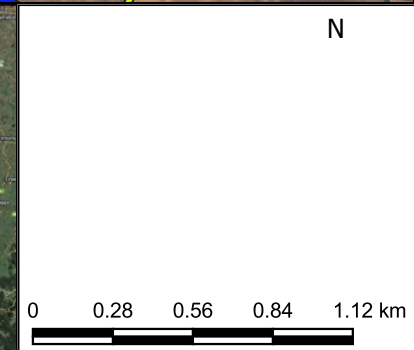
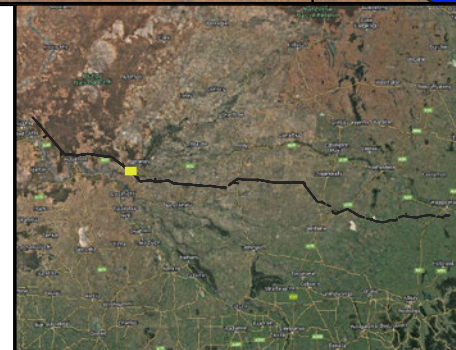
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Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed





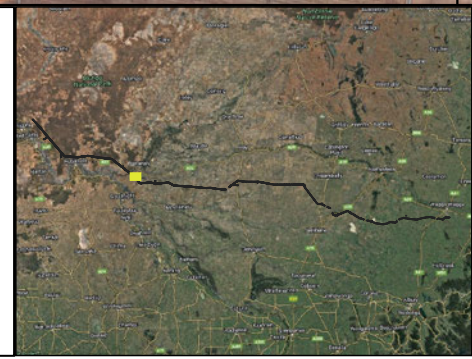
Project: EnergyConnect (NSW) - Eastern Section
Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

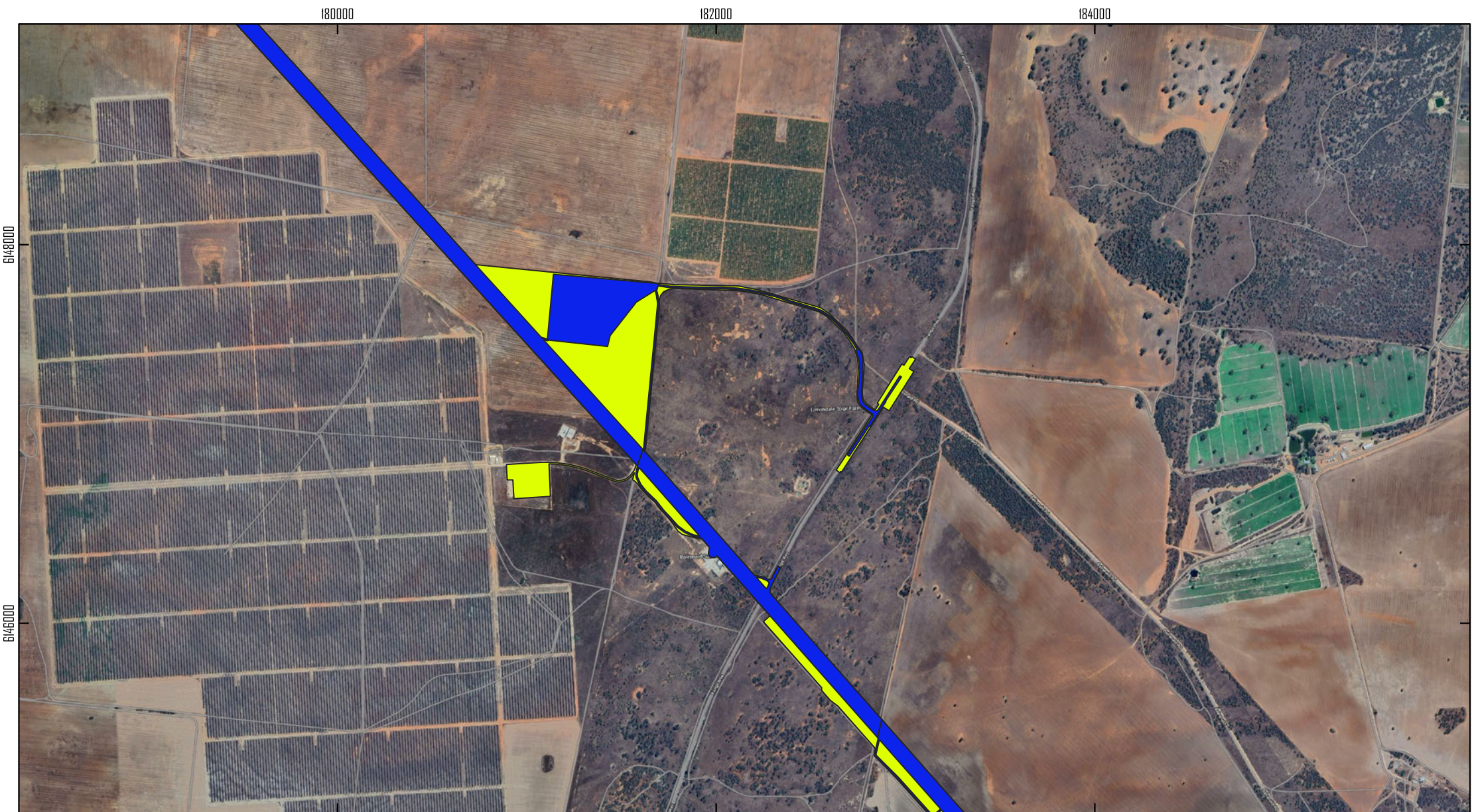
Legend

- Revised ACHAR Survey Extent
- Completed
- Additional Heritage Survey Area
- Assessed



N

0 0.28 0.56 0.84 1.12 km



Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

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Scale at A4: 1:26,480.945136

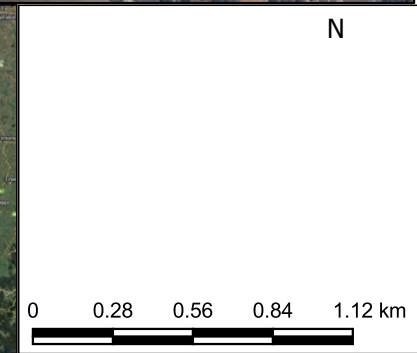
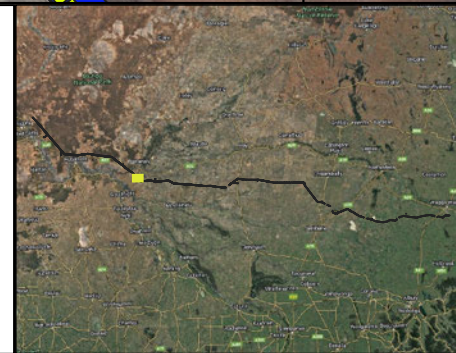
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Revised ACHAR Survey Extent

Completed

Additional Heritage Survey Area

Assessed



184000

186000

188000

190000

6144000

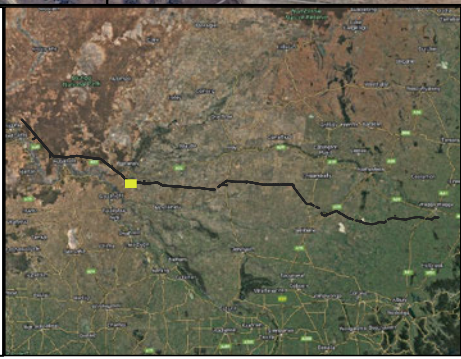
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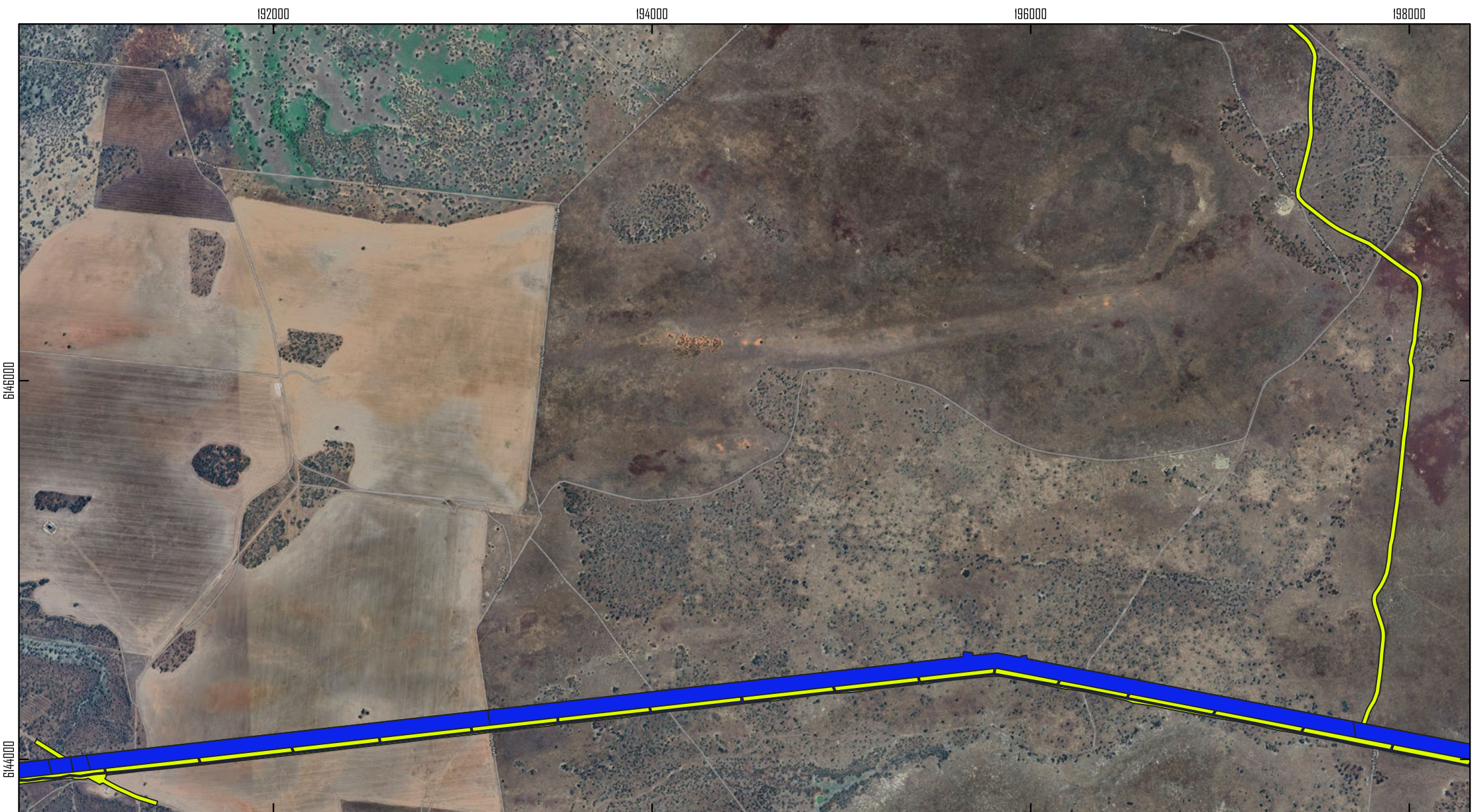
Project: EnergyConnect (NSW) - Eastern Section
 Basemap: Google LANDSAT / Copernicus © Google 2019
 Author: Nicola Hayes
 Date: 30/11/2023
 Projection: GDA94
 MGA Zone 55/56
 Scale at A4: 1:26,480.945136

Legend

- Revised ACHAR Survey Extent Completed
- Additional Heritage Survey Area Assessed



N





Project: EnergyConnect (NSW) - Eastern Section
Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023

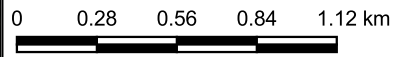
Projection: GDA94
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Scale at A4: 1:26,480.945136

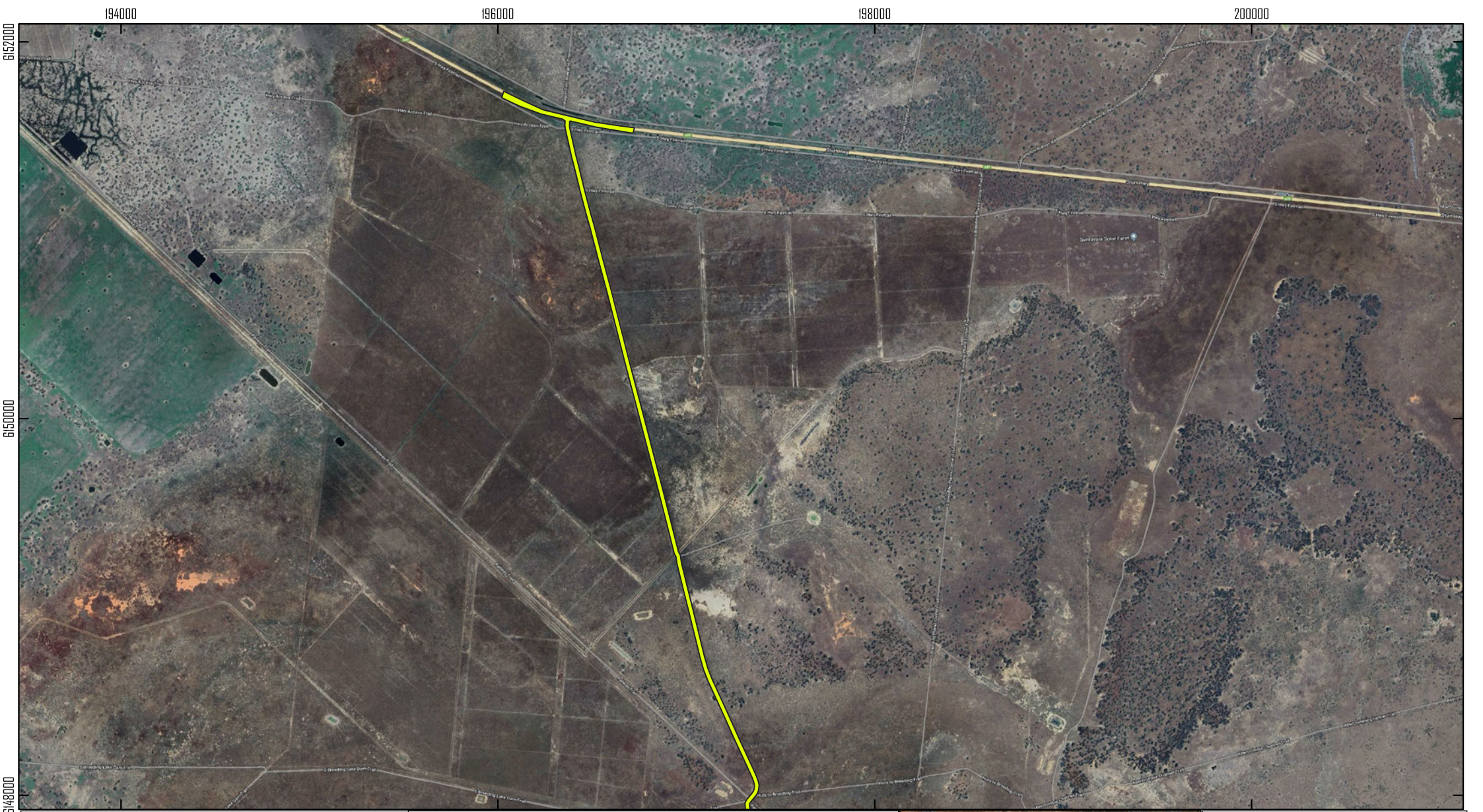
Legend

- Revised ACHAR Survey Extent
 Completed
- Additional Heritage Survey Area
 Assessed



N





Project: EnergyConnect (NSW) - Eastern Section
Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Additional Heritage Survey Area
- Assessed



N

0 0.28 0.56 0.84 1.12 km



Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

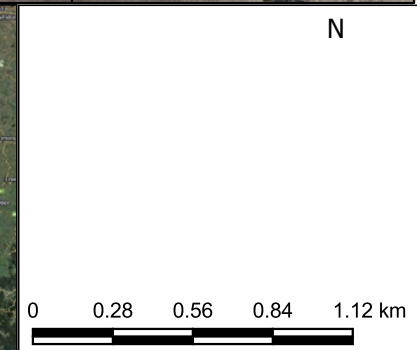
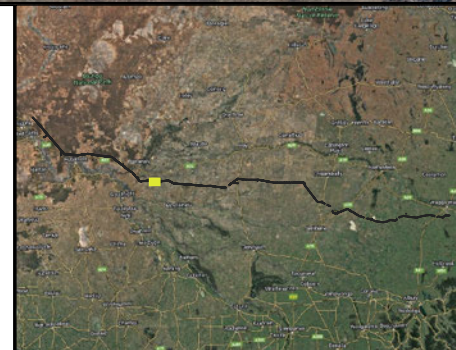
Legend

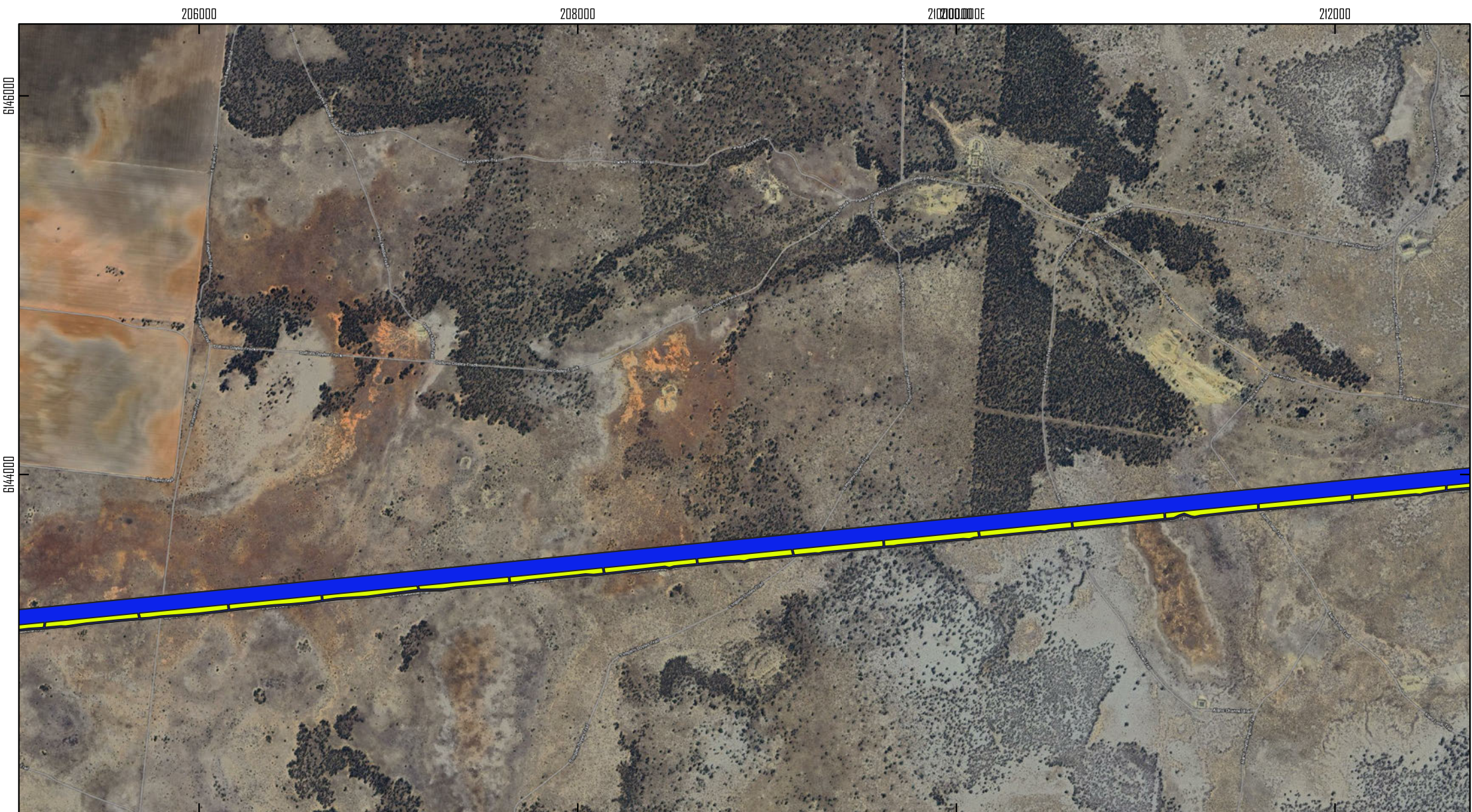
Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

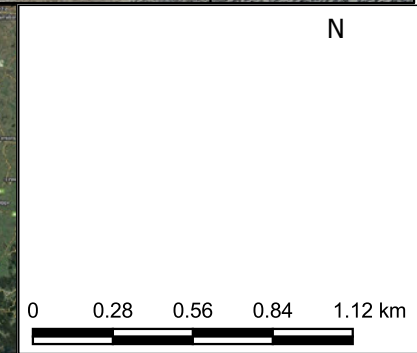
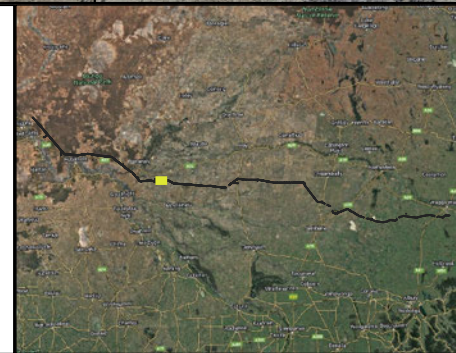
Legend

Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
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Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

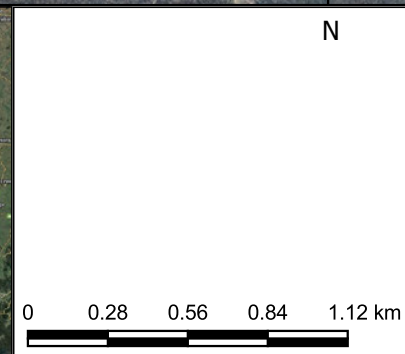
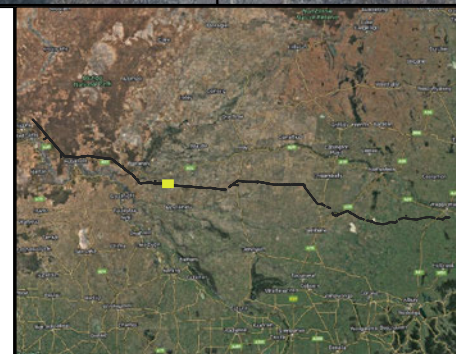
Legend

Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

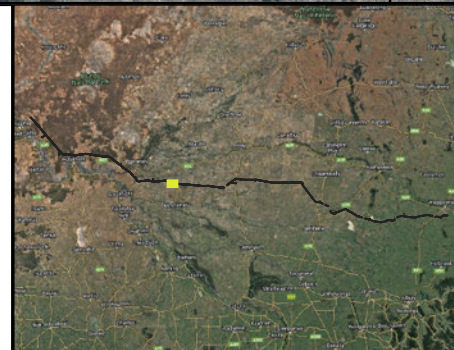
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Revised ACHAR Survey Extent

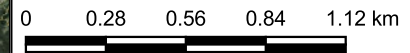
 Completed

Additional Heritage Survey Area

 Assessed



N



228000

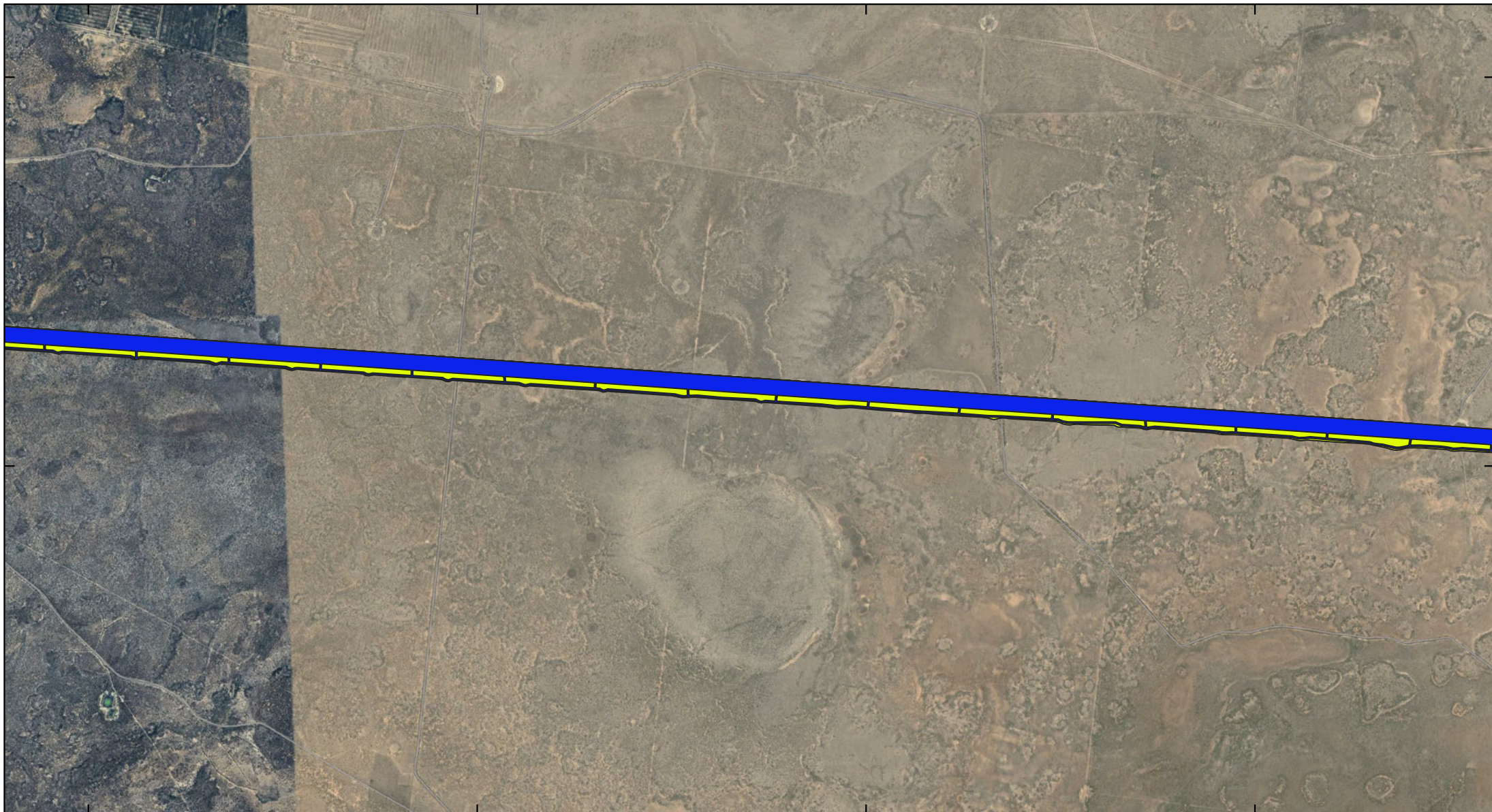
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234000

6142000

6140000



Project: EnergyConnect (NSW) - Eastern Section

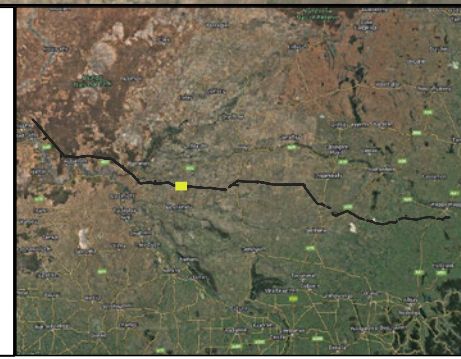
Basemap: Google LANDSAT / Copernicus © Google 2019

Author: Nicola Hayes
Date: 30/11/2023

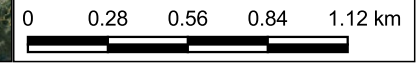
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MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed



N



236000

238000

240000

242000

6142000

6140000



Project: EnergyConnect (NSW) - Eastern Section

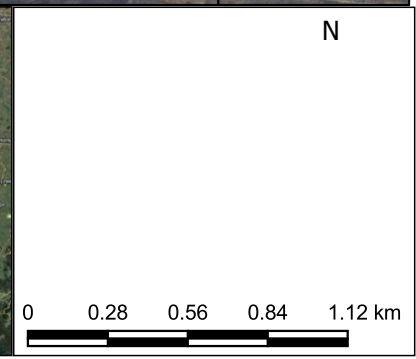
Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Completed
- Additional Heritage Survey Area
- Assessed





Project: EnergyConnect (NSW) - Eastern Section

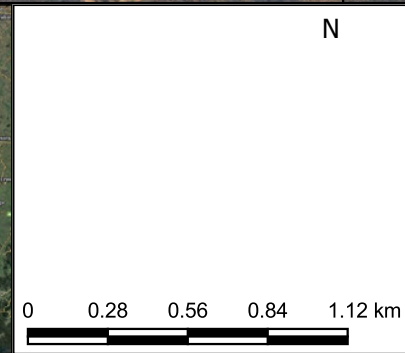
Basemap: Google LANDSAT / Copernicus ©
Google 2019

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Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

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MGA Zone 55/56
Scale at A4: 1:26,480.945136

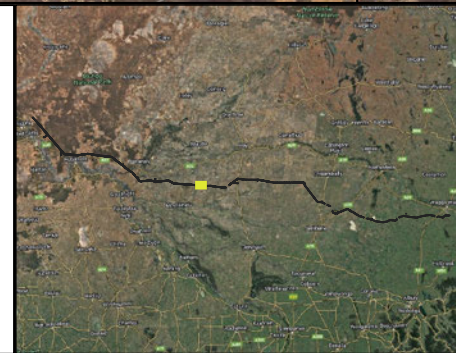
Legend

Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed



N

0 0.28 0.56 0.84 1.12 km







Project: EnergyConnect (NSW) - Eastern Section

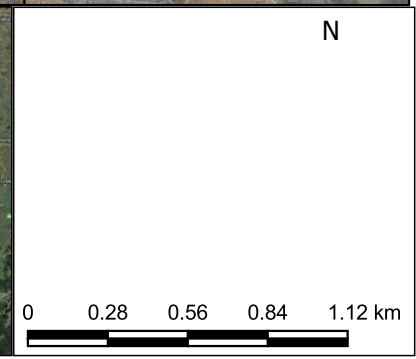
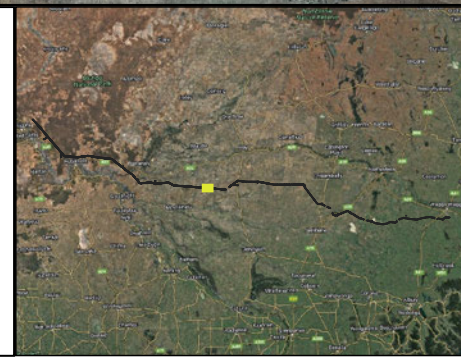
Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

-  Completed
-  Assessed





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Basemap: Google LANDSAT / Copernicus ©
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Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

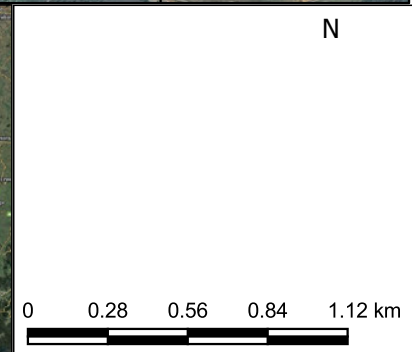
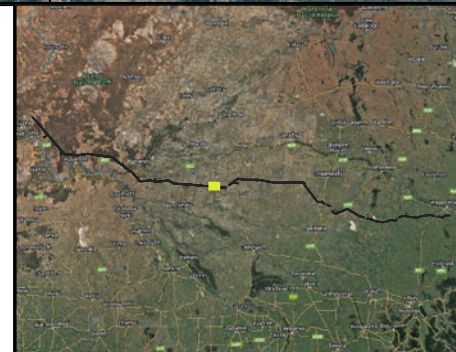
Legend

Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed



274000

276000

278000

2828000E

6168000

6168000



Project: EnergyConnect (NSW) - Eastern Section

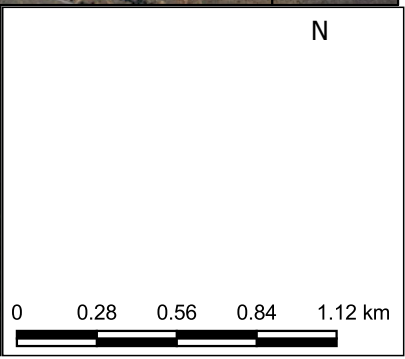
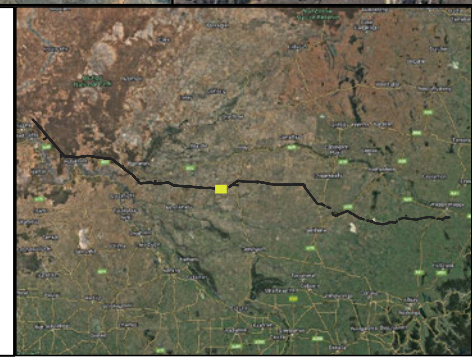
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Author: Nicola Hayes
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Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed







Project: EnergyConnect (NSW) - Eastern Section

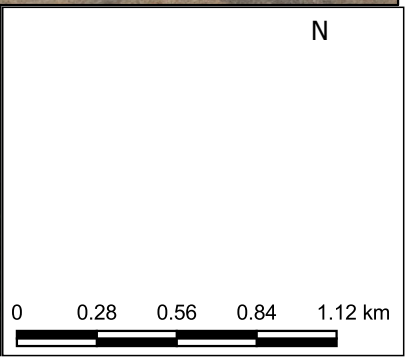
Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
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Projection: GDA94
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Scale at A4: 1:26,480.945136

Legend

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Project: EnergyConnect (NSW) - Eastern Section

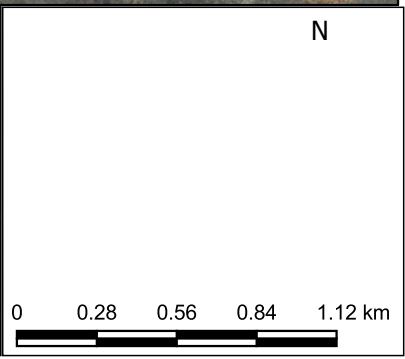
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Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed



292000

294000

296000

298000

6440000

6420000



Project: EnergyConnect (NSW) - Eastern Section

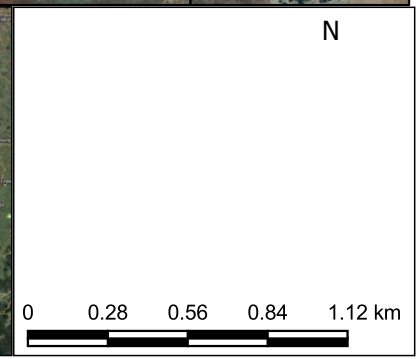
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Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed



294000

296000

298000

300000

6445000

6440000



Project: EnergyConnect (NSW) - Eastern Section

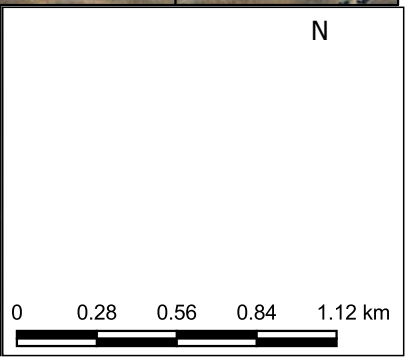
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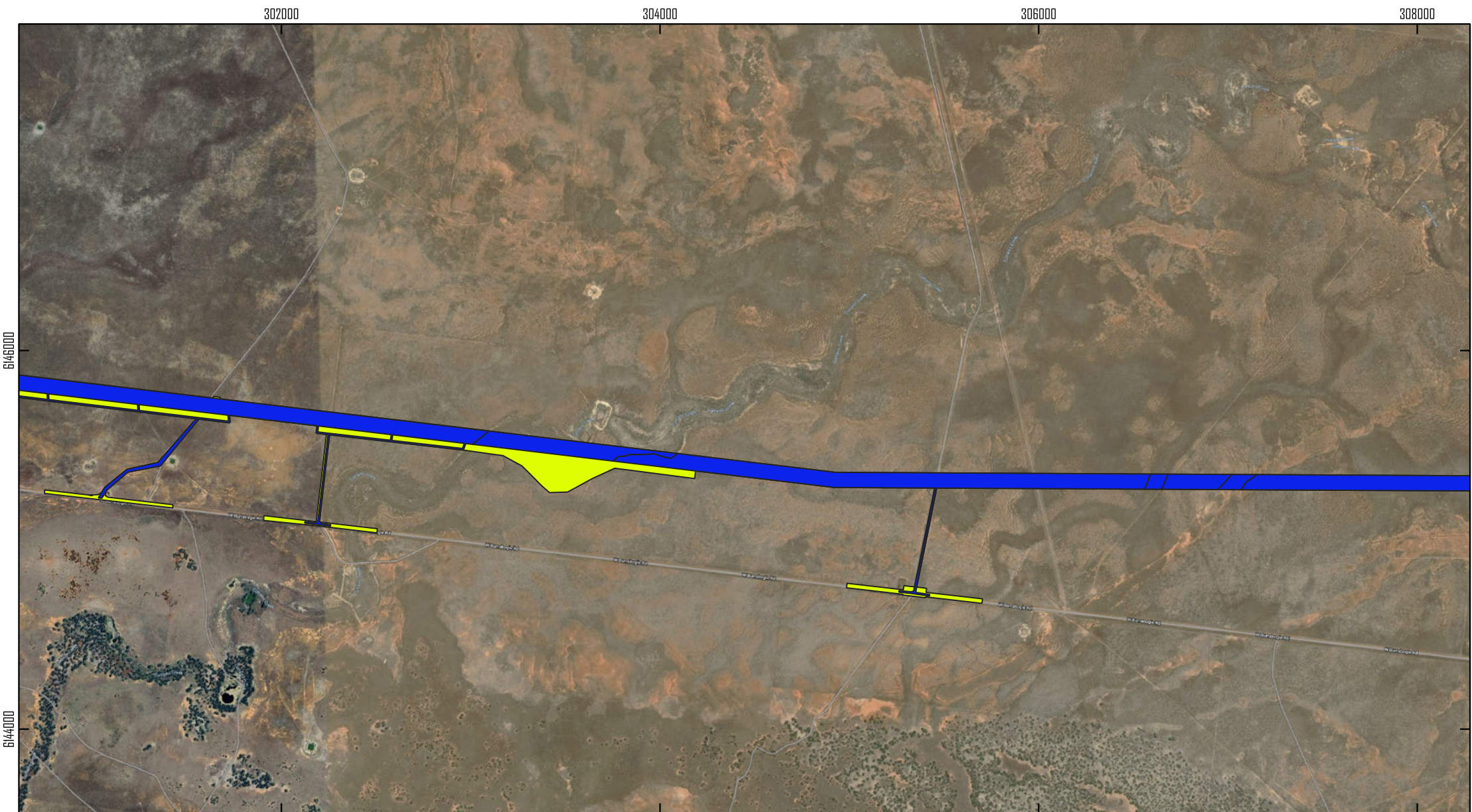
Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

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Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

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Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

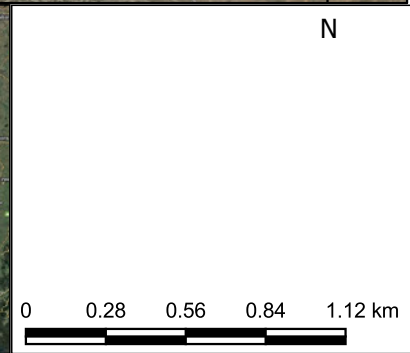
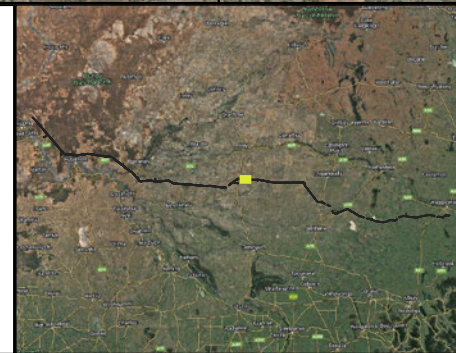
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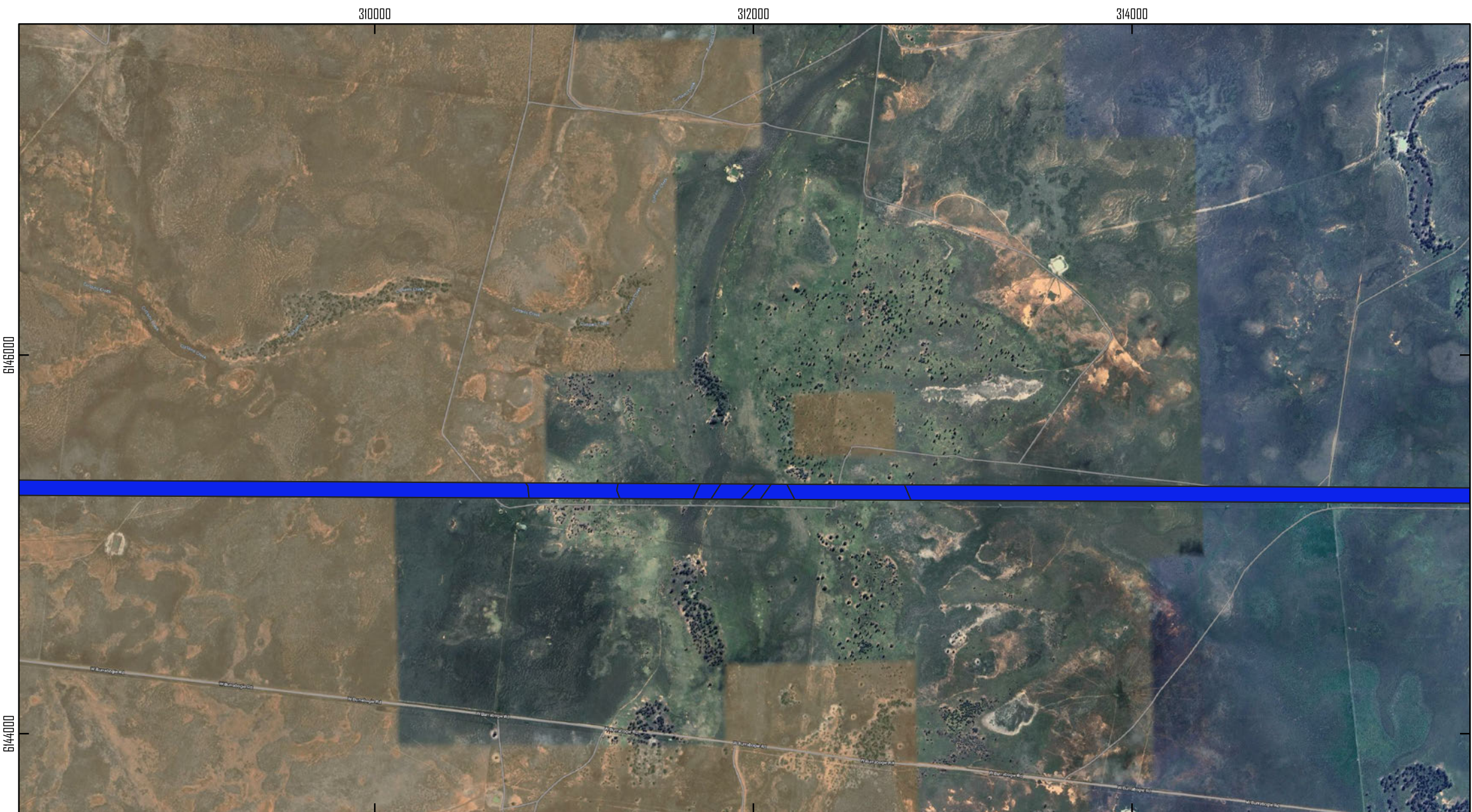
Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

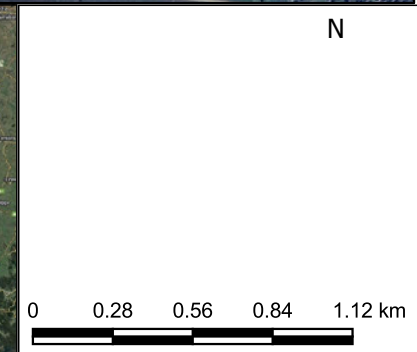
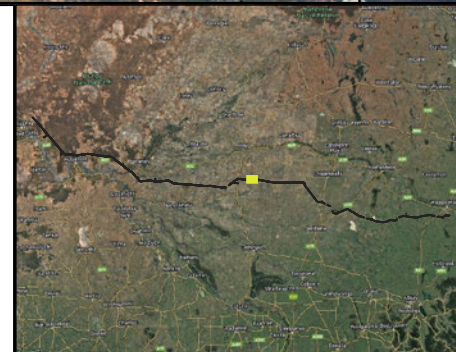
Legend

Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed





Project: EnergyConnect (NSW) - Eastern Section

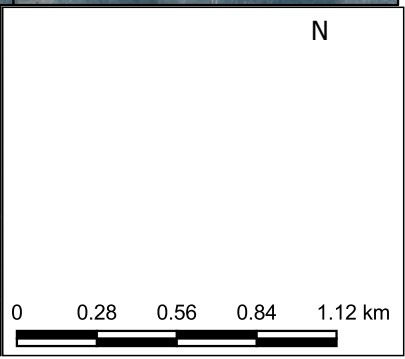
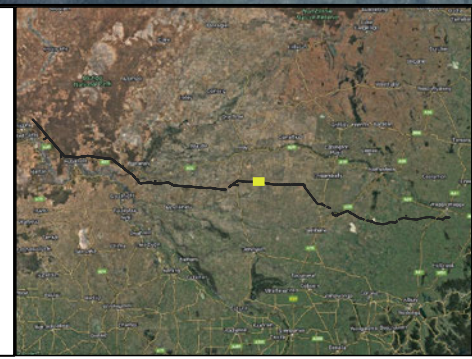
Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
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Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Revised ACHAR Survey Extent
 - Completed
- Additional Heritage Survey Area
 - Assessed



324000

326000

328000

330000

6144000

6142000



Project: EnergyConnect (NSW) - Eastern Section

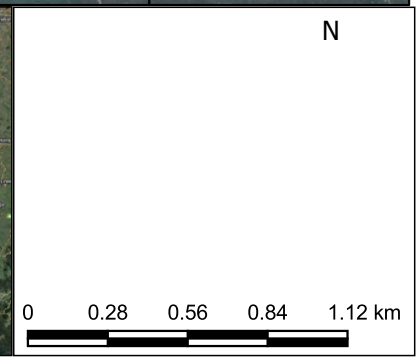
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Google 2019

Author: Nicola Hayes
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Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Revised ACHAR Survey Extent
Completed
- Additional Heritage Survey Area
Assessed





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

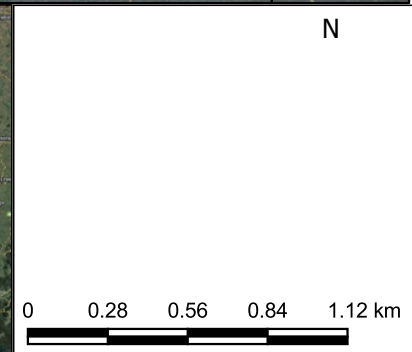
Legend

Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed



340000

342000

344000

346000

644000

642000



Project: EnergyConnect (NSW) - Eastern Section

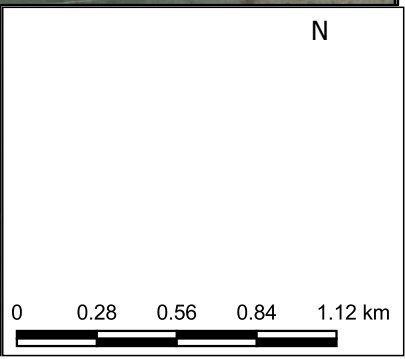
Basemap: Google LANDSAT / Copernicus © Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed



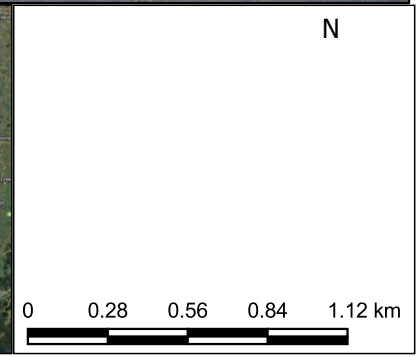


Project: EnergyConnect (NSW) - Eastern Section
 Basemap: Google LANDSAT / Copernicus © Google 2019
 Author: Nicola Hayes
 Date: 30/11/2023
 Projection: GDA94
 MGA Zone 55/56
 Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed

Revised ACHAR Survey Extent
 Additional Heritage Survey Area



354000

356000

358000

360000

6144000

6142000



Project: EnergyConnect (NSW) - Eastern Section

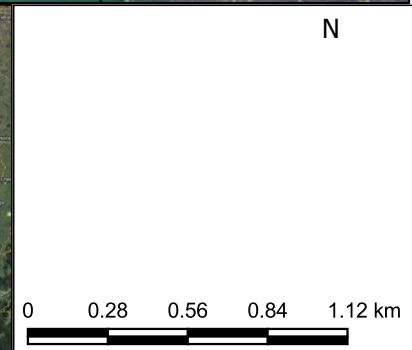
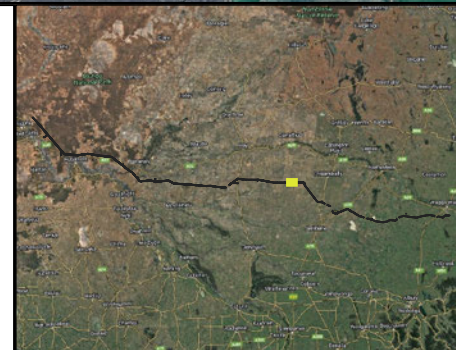
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Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed



362000

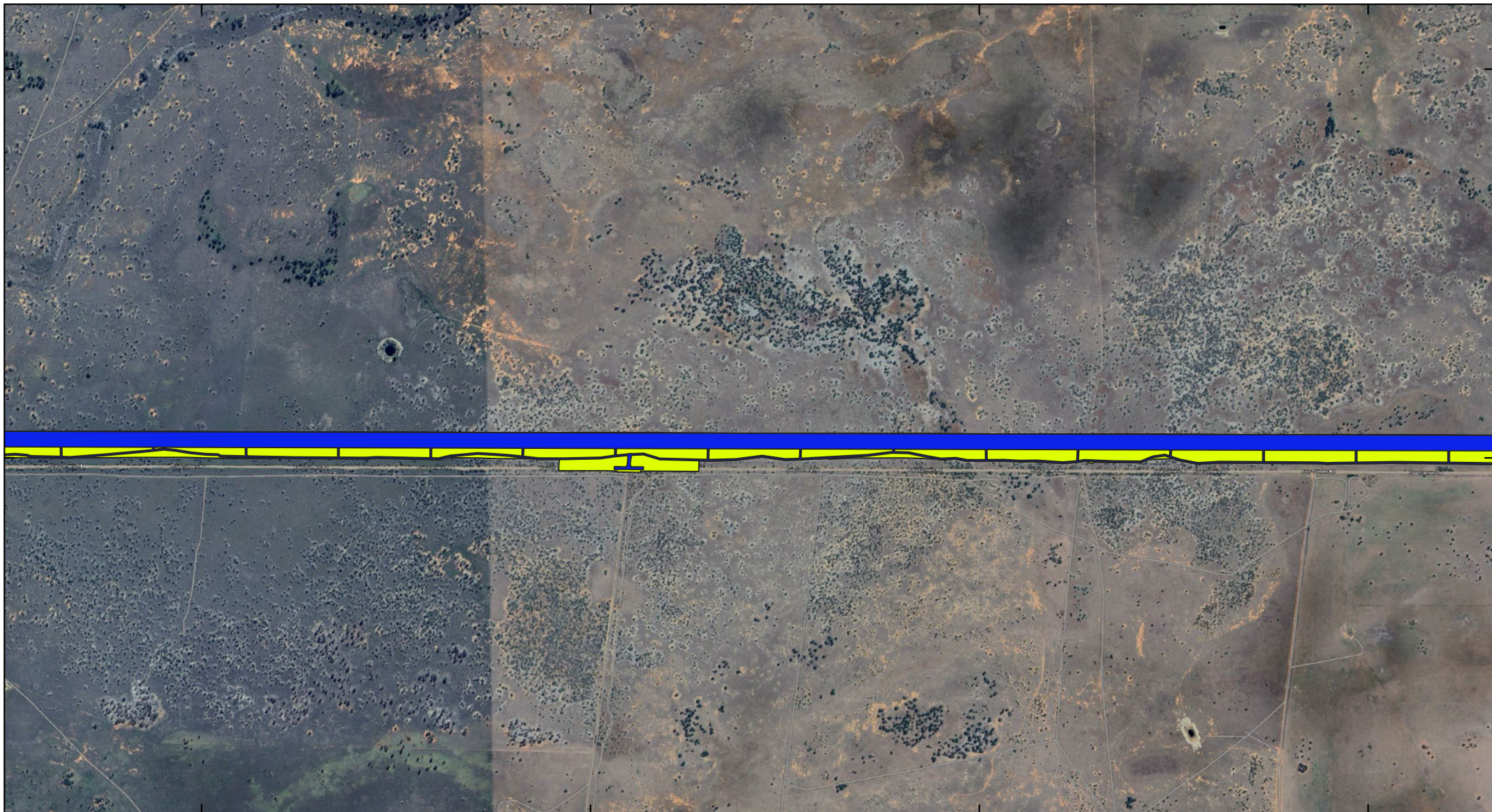
364000

366000

368000

6144000

6142000



Project: EnergyConnect (NSW) - Eastern Section

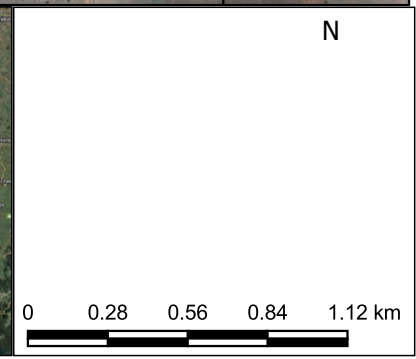
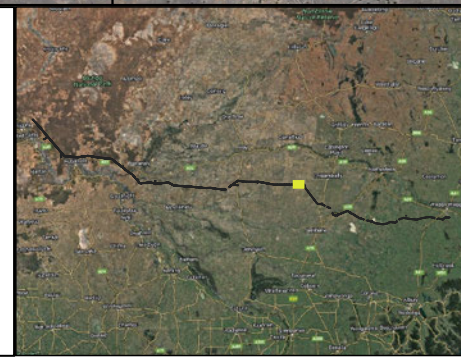
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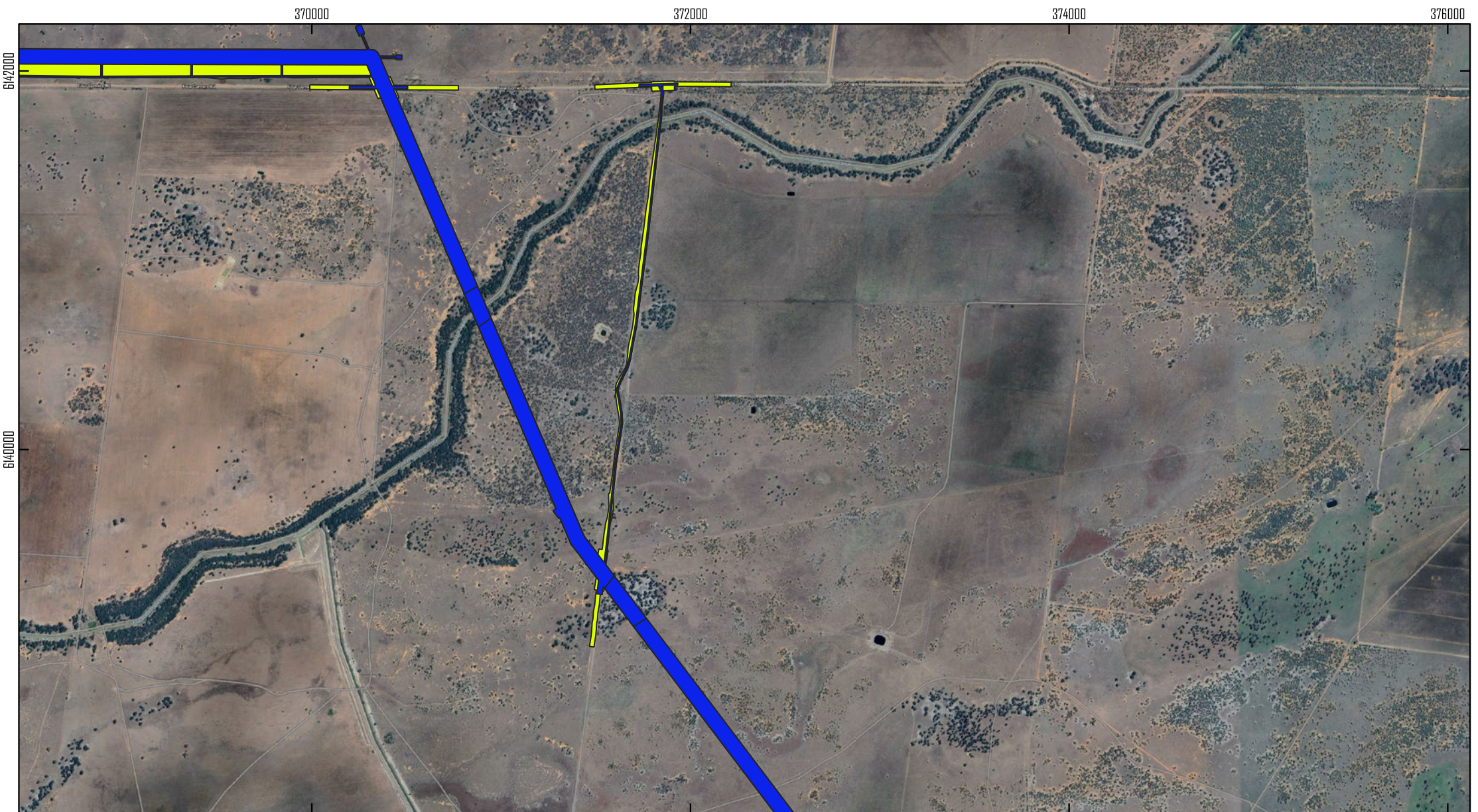
Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

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Project: EnergyConnect (NSW) - Eastern Section
 Basemap: Google LANDSAT / Copernicus ©
 Google 2019

Author: Nicola Hayes
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Projection: GDA94
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 Scale at A4: 1:26,480.945136

Legend

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- Assessed



N

0 0.28 0.56 0.84 1.12 km



Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

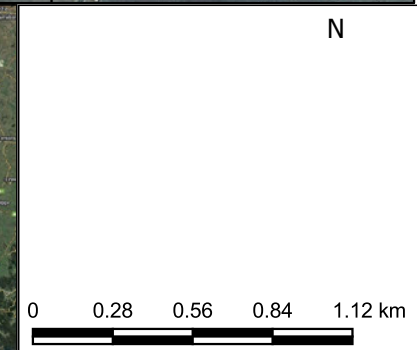
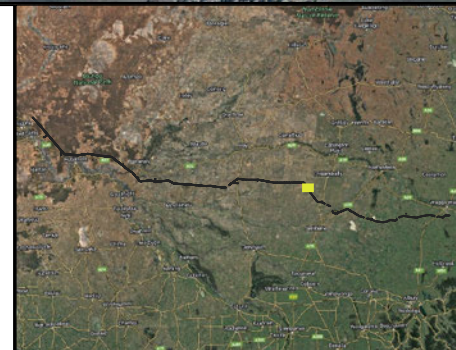
Legend

Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed







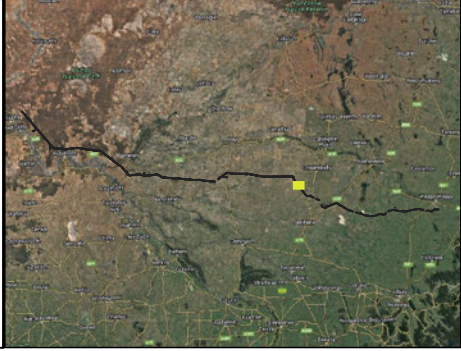
Project: EnergyConnect (NSW) - Eastern Section
Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023

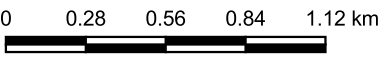
Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Revised ACHAR Survey Extent
 Completed
- Additional Heritage Survey Area
 Assessed



N





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

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Scale at A4: 1:26,480.945136

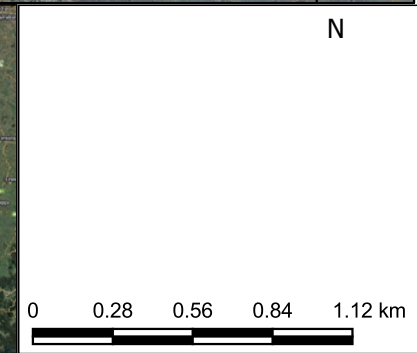
Legend

Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed



380000

382000

384000

386000

6174000

6172000



Project: EnergyConnect (NSW) - Eastern Section

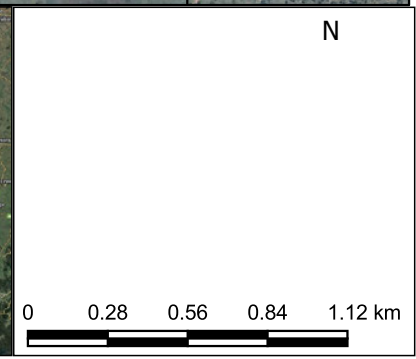
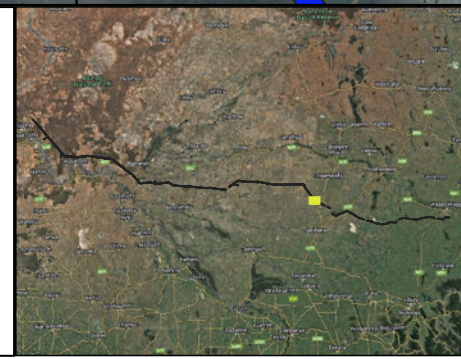
Basemap: Google LANDSAT / Copernicus © Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed



386000

388000

390000

392000

617800000

6180000



Project: EnergyConnect (NSW) - Eastern Section

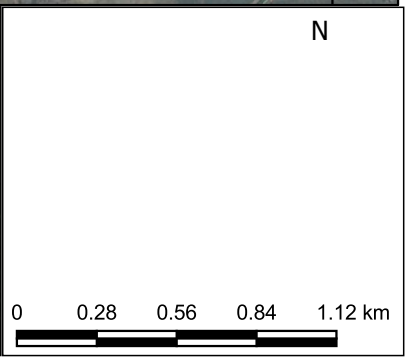
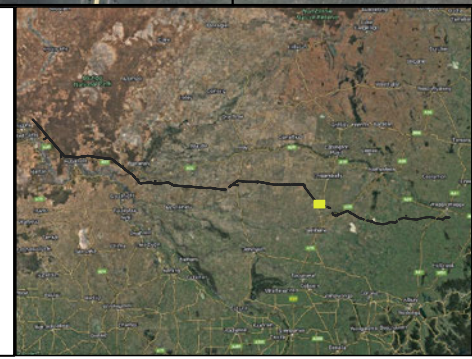
Basemap: Google LANDSAT / Copernicus © Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed



390000

392000

394000

396000

618000

618000



Project: EnergyConnect (NSW) - Eastern Section
 Basemap: Google LANDSAT / Copernicus © Google 2019
 Author: Nicola Hayes
 Date: 30/11/2023
 Projection: GDA94
 MGA Zone 55/56
 Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed



N



Project: EnergyConnect (NSW) - Eastern Section

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Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

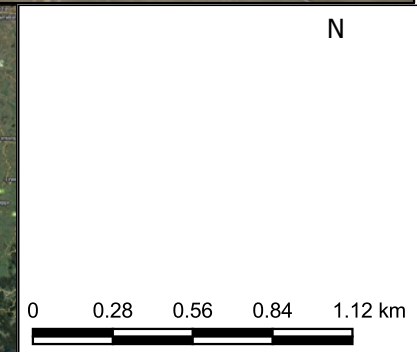
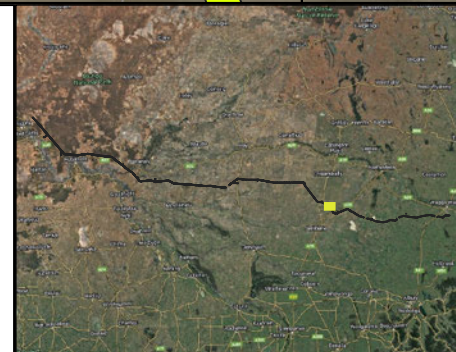
Legend

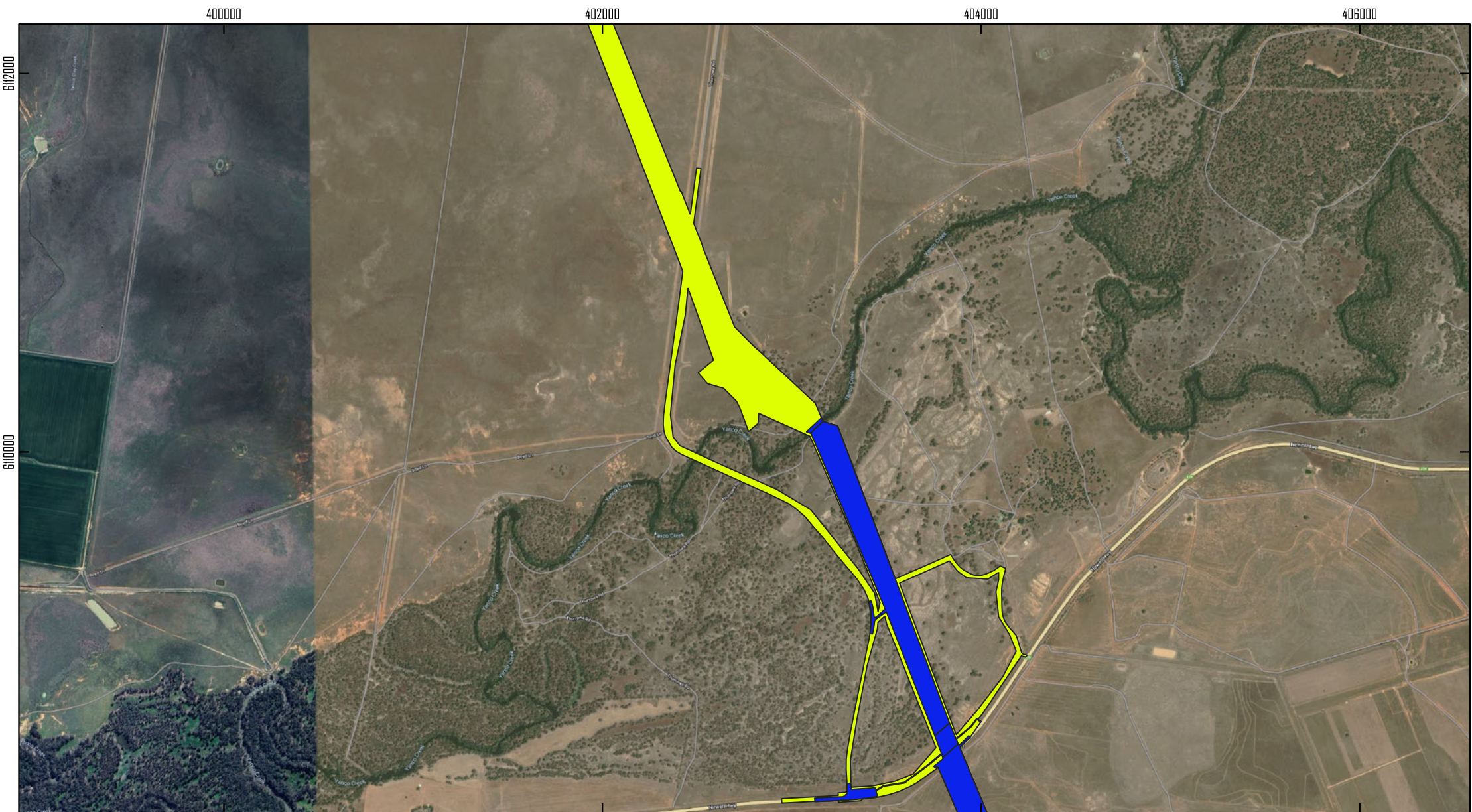
Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

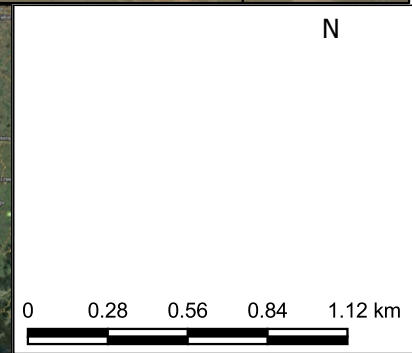
Legend

Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

Revised ACHAR Survey Extent

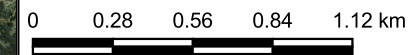
 Completed

Additional Heritage Survey Area

 Assessed



N





Project: EnergyConnect (NSW) - Eastern Section

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Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

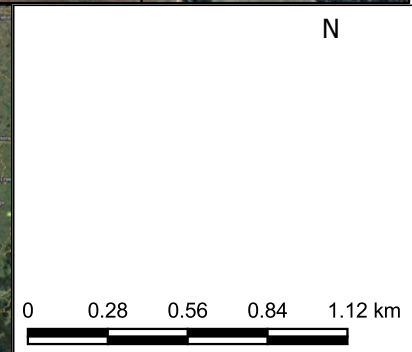
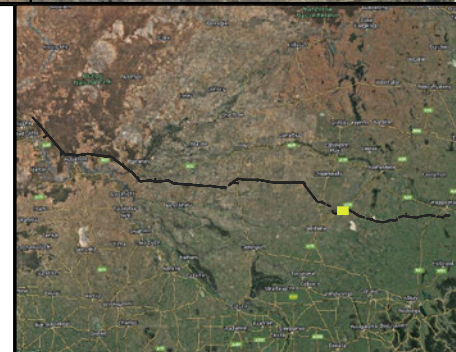
Legend

Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed



420000E

422000

424000

426000

6172000

6180000



Project: EnergyConnect (NSW) - Eastern Section

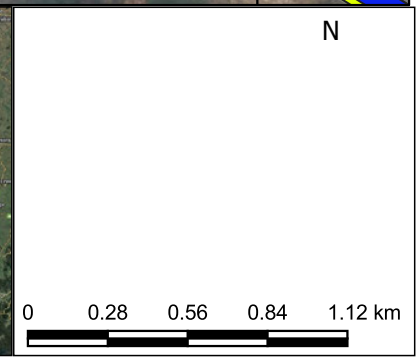
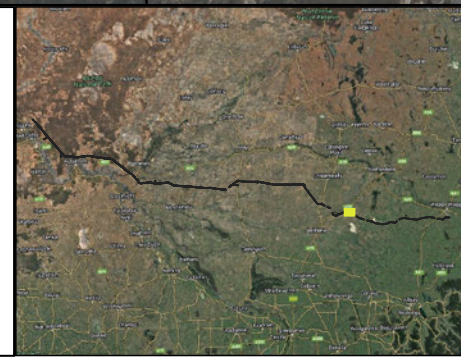
Basemap: Google LANDSAT / Copernicus © Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Revised ACHAR Survey Extent
Completed
- Additional Heritage Survey Area
Assessed






Project: EnergyConnect (NSW) - Eastern Section
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Google 2019

Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

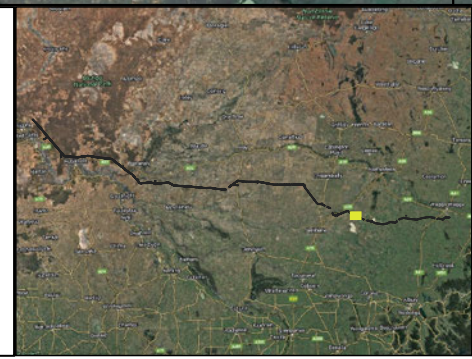
Legend

Revised ACHAR Survey Extent

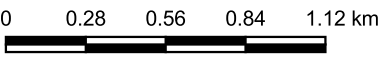
 Completed

Additional Heritage Survey Area

 Assessed



N



434000

436000

438000

604000

602000



Project: EnergyConnect (NSW) - Eastern Section

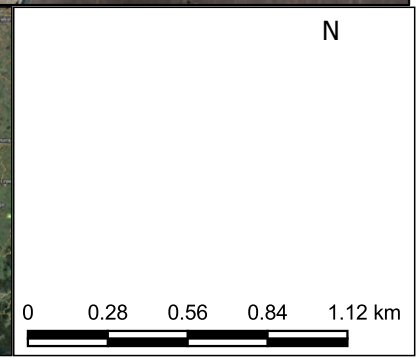
Basemap: Google LANDSAT / Copernicus © Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed



440000

442000

444000

446000

6102000

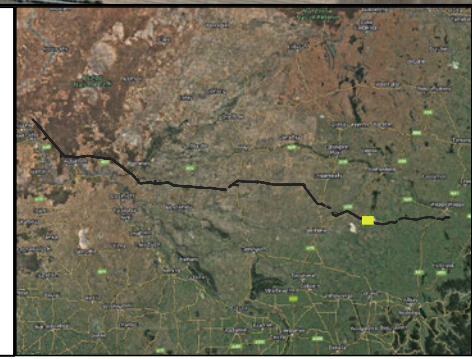
6100000



Project: EnergyConnect (NSW) - Eastern Section
 Basemap: Google LANDSAT / Copernicus © Google 2019
 Author: Nicola Hayes
 Date: 30/11/2023
 Projection: GDA94
 MGA Zone 55/56
 Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed



N

448000

450000

452000

454000

6100000

6098000



Project: EnergyConnect (NSW) - Eastern Section
 Basemap: Google LANDSAT / Copernicus © Google 2019
 Author: Nicola Hayes
 Date: 30/11/2023
 Projection: GDA94
 MGA Zone 55/56
 Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed



N

456000

458000

460000

462000

6098000

6096000



Project: EnergyConnect (NSW) - Eastern Section

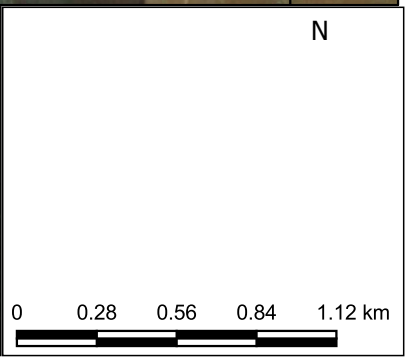
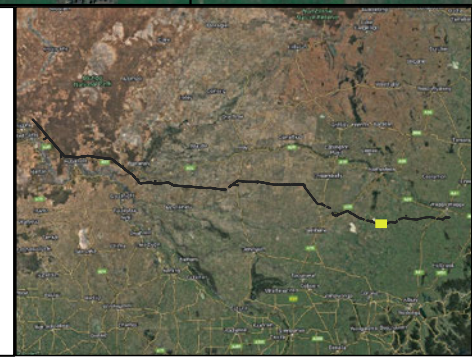
Basemap: Google LANDSAT / Copernicus © Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed





Project: EnergyConnect (NSW) - Eastern Section

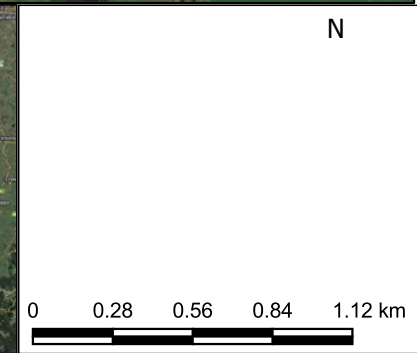
Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Revised ACHAR Survey Extent
Completed
- Additional Heritage Survey Area
Assessed



470000

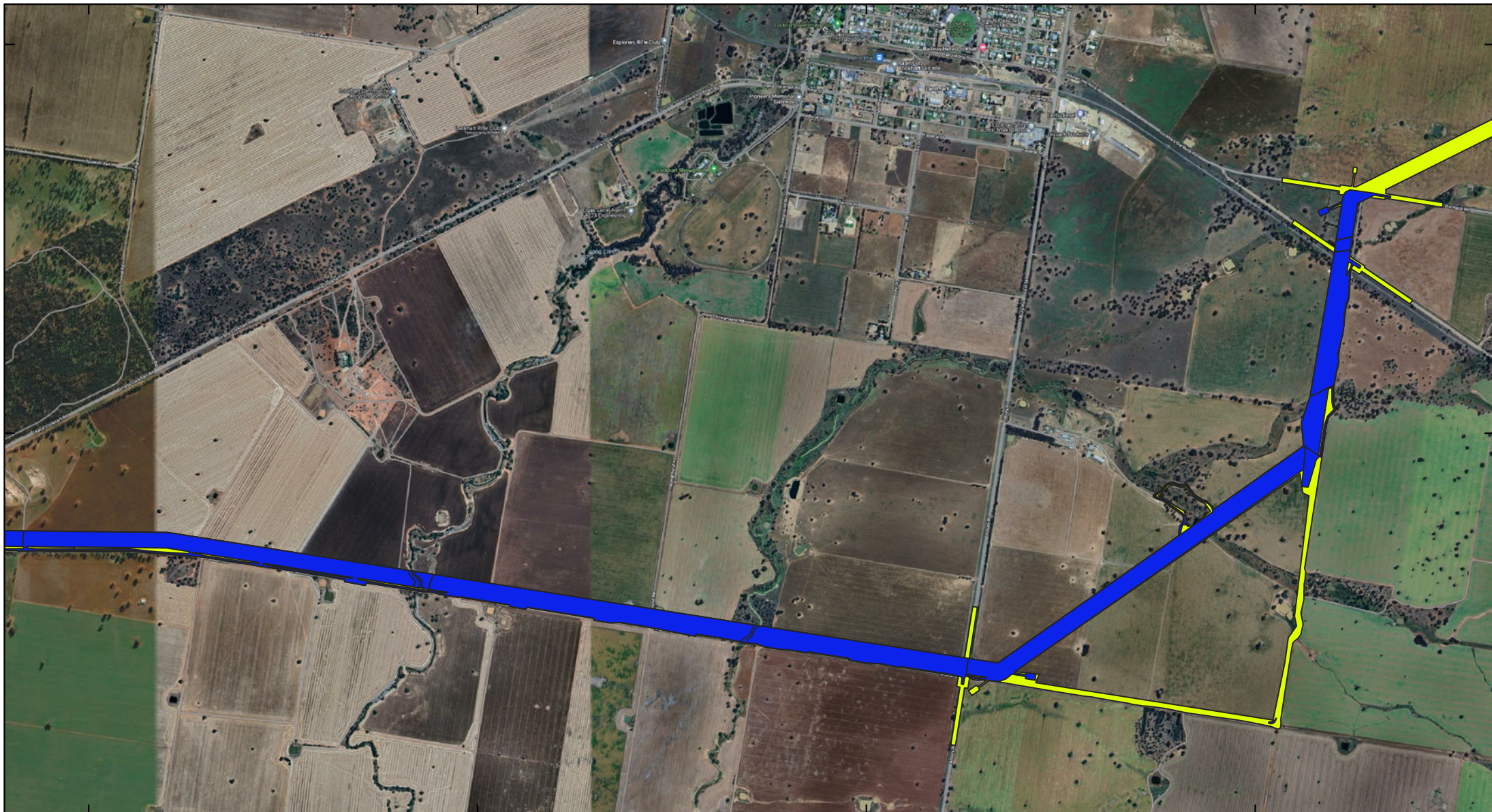
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474000

476000

602000

600000



Project: EnergyConnect (NSW) - Eastern Section

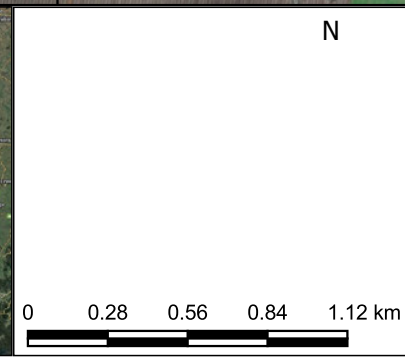
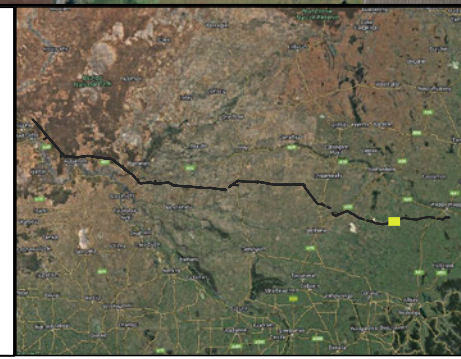
Basemap: Google LANDSAT / Copernicus © Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4:1:26,480.945136

Legend

- Revised ACHAR Survey Extent
- Completed
- Additional Heritage Survey Area
- Assessed



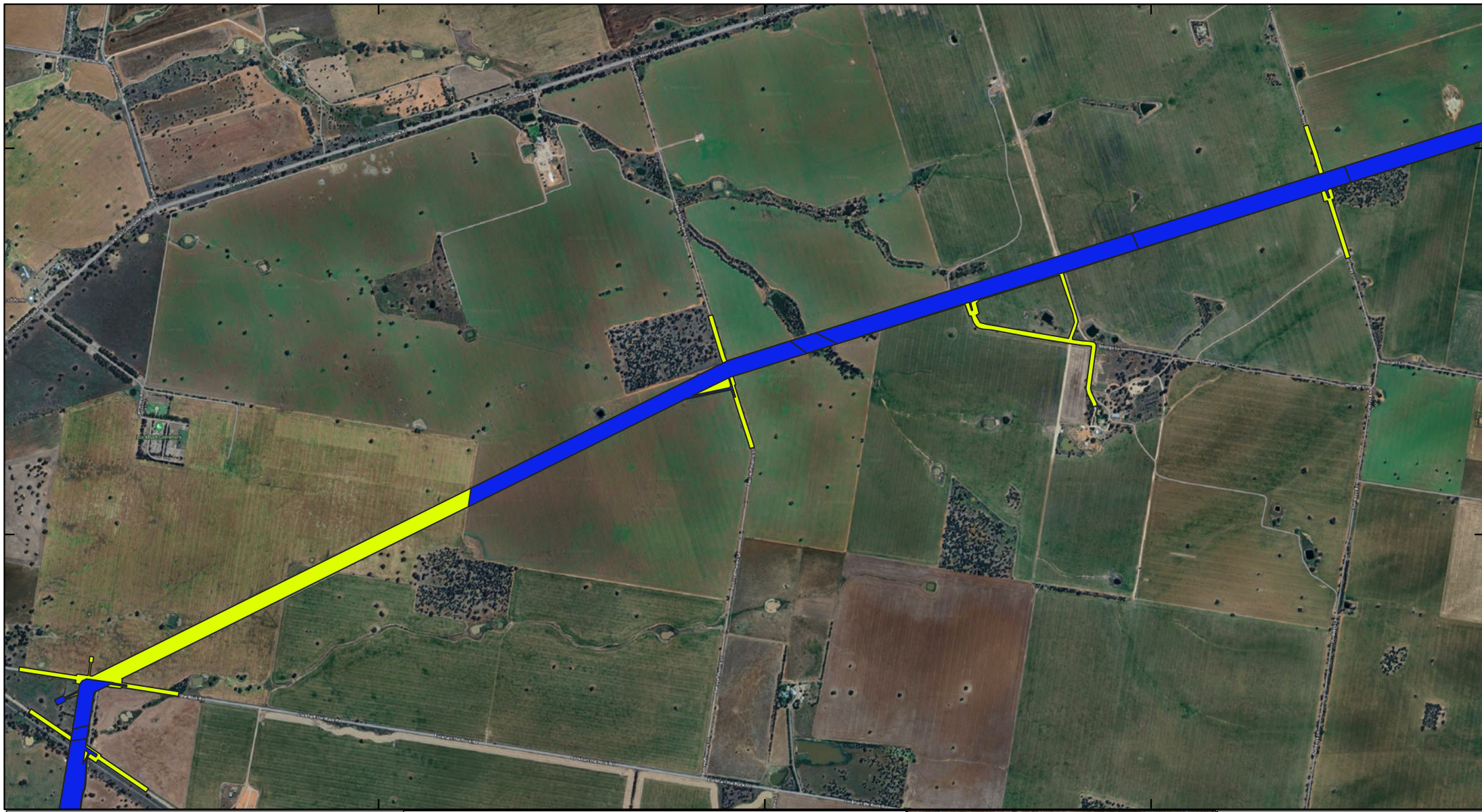
478000

480000

482000

6104000

6102000



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 Author: Nicola Hayes
 Date: 30/11/2023
 Projection: GDA94
 MGA Zone 55/56
 Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed

Revised ACHAR Survey Extent

Additional Heritage Survey Area



N

484000

486000

488000

4900000E

6060000

6040000



Project: EnergyConnect (NSW) - Eastern Section
 Basemap: Google LANDSAT / Copernicus © Google 2019
 Author: Nicola Hayes
 Date: 30/11/2023
 Projection: GDA94
 MGA Zone 55/56
 Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed



N

0 0.28 0.56 0.84 1.12 km

492000

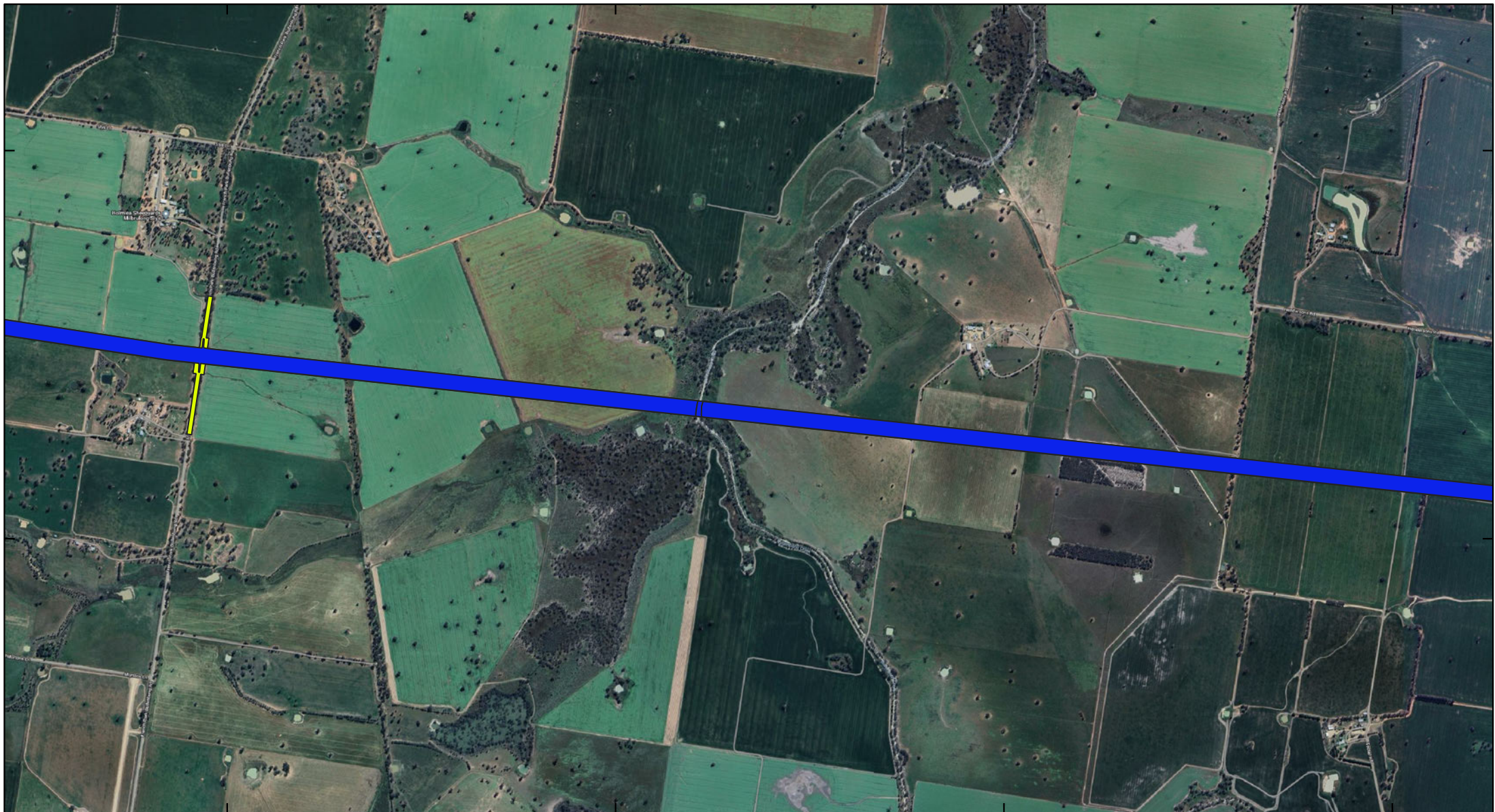
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496000

498000

604000

602000



Project: EnergyConnect (NSW) - Eastern Section

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Author: Nicola Hayes
Date: 30/11/2023


Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

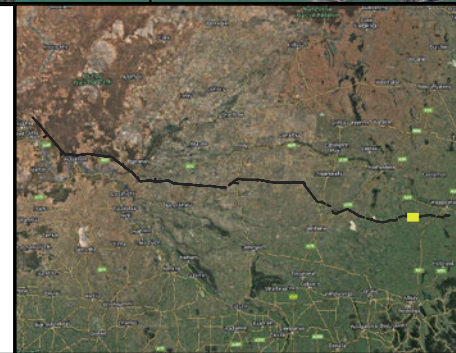
Legend

Revised ACHAR Survey Extent

 Completed

Additional Heritage Survey Area

 Assessed



N

0 0.28 0.56 0.84 1.12 km



500000

502000

504000

506000

6004000

6002000



Project: EnergyConnect (NSW) - Eastern Section

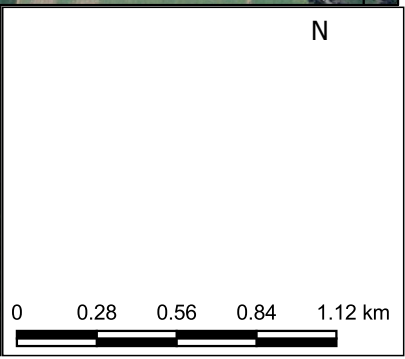
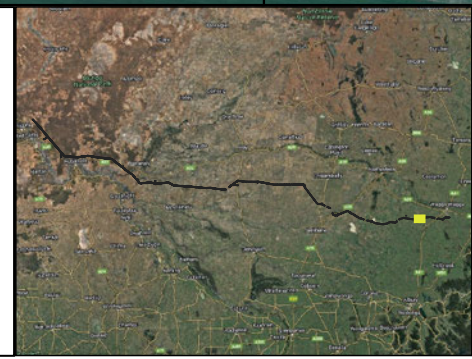
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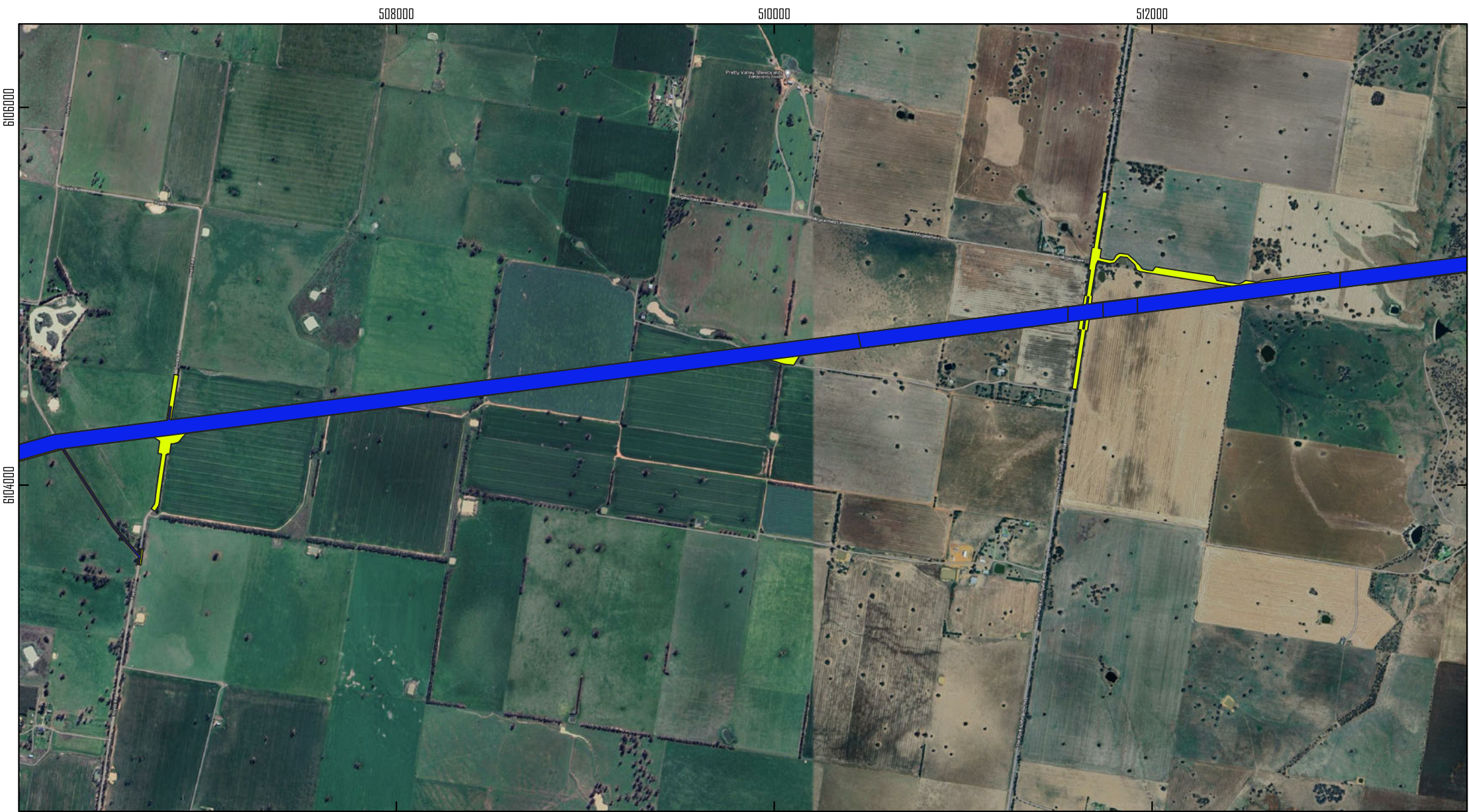
Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Completed
- Assessed





Project: EnergyConnect (NSW) - Eastern Section

Basemap: Google LANDSAT / Copernicus ©
Google 2019

Author: Nicola Hayes
Date: 30/11/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

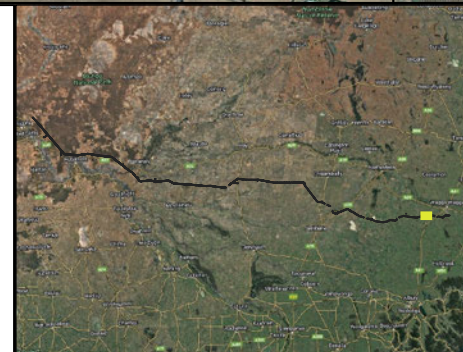
Legend

Revised ACHAR Survey Extent

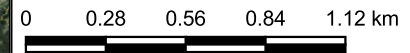
 Completed

Additional Heritage Survey Area

 Assessed



N





Project: EnergyConnect (NSW) - Eastern Section
Basemap: Google LANDSAT / Copernicus © Google 2019
Author: Nicola Hayes
Date: 30/11/2023
Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:26,480.945136

Legend

- Revised ACHAR Survey Extent
- Completed
- Additional Heritage Survey Area
- Assessed



N

0 0.28 0.56 0.84 1.12 km

522000

524000

526000

528000

6104000

6102000



Project: EnergyConnect (NSW) - Eastern Section

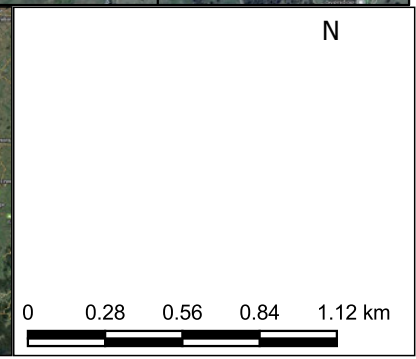
Basemap: Google LANDSAT / Copernicus © Google 2019

Author: Nicola Hayes
Date: 11/12/2023

Projection: GDA94
MGA Zone 55/56
Scale at A4: 1:27,384.002289

Legend

- Completed
- Assessed



530000

532000

534000

536000

6104000

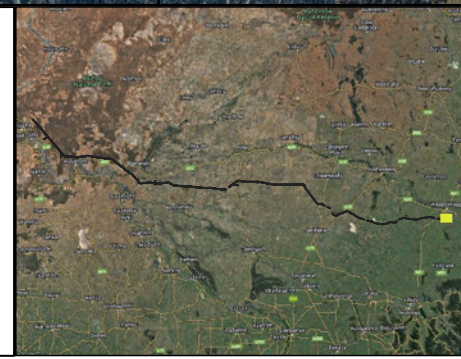
6102000



Project: EnergyConnect (NSW) - Eastern Section
 Basemap: Google LANDSAT / Copernicus © Google 2019
 Author: Nicola Hayes
 Date: 11/12/2023
 Projection: GDA94
 MGA Zone 55/56
 Scale at A4: 1:27,384.002289

Legend

- Completed
- Assessed



N