

GREENLINK MARINE ENVIRONMENTAL STATEMENT- WALES

APPENDIX M

Written Scheme of Investigation and Protocol for Archaeological Discoveries

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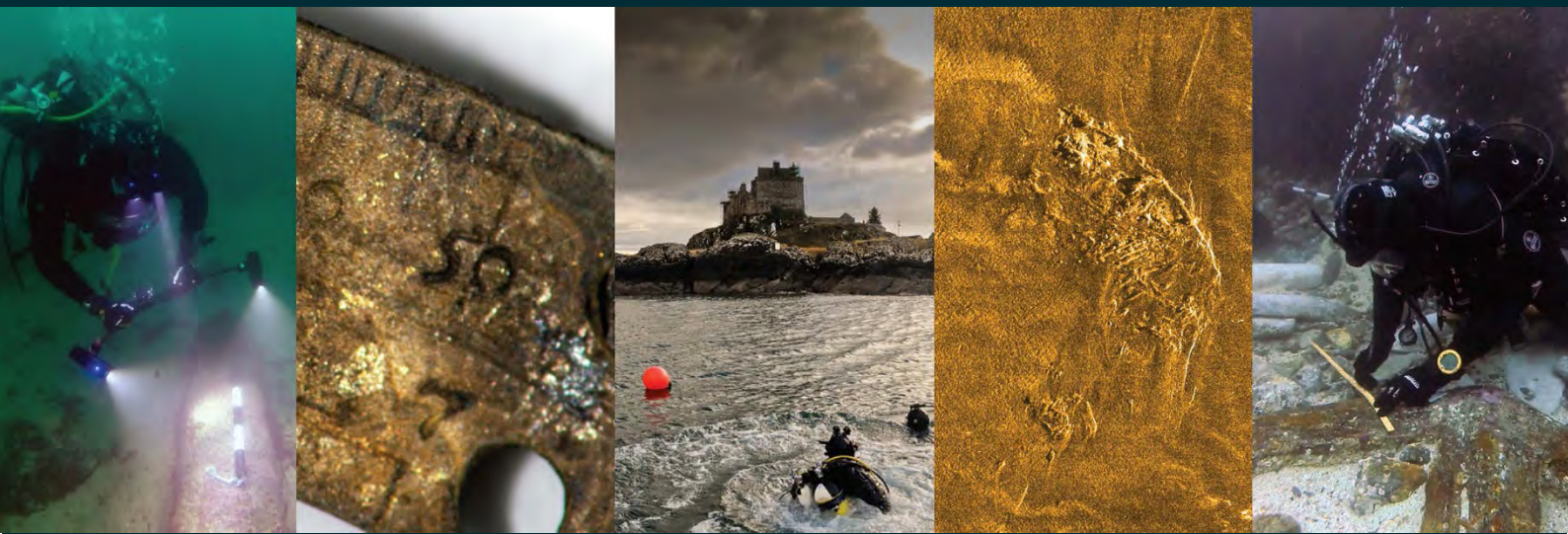
Greenlink Interconnector
- connecting the power markets
in Ireland and Great Britain

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Greenlink Interconnector Project

*Updated Marine Archaeological Written Scheme of
Investigation and Protocol for Archaeological
Discoveries*



for
Intertek

CA Project: 770349
CA Report: 770349_03

June 2019



Greenlink Interconnector Project

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CA Project: 770349

CA Report: 770349_03

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CONTENTS

Glossary	iv
1. INTRODUCTION.....	1
<i>Outline</i>	<i>1</i>
<i>Location and landscape context.....</i>	<i>1</i>
<i>Scope of the WSI and PAD.....</i>	<i>1</i>
2. RECORDED MARITIME CULTURAL HERITAGE.....	2
<i>Summary of designated historic assets.....</i>	<i>2</i>
<i>Summary of non-designated and potential heritage assets</i>	<i>2</i>
3. WRITTEN SCHEME OF INVESTIGATION (WSI)	5
<i>Methodology</i>	<i>5</i>
<i>Archaeological Exclusion Zones</i>	<i>5</i>
<i>Geoarchaeological assessment and analysis</i>	<i>7</i>
4. PROTOCOL FOR ARCHAEOLOGICAL DISCOVERIES (PAD).....	9
<i>Scope.....</i>	<i>9</i>
<i>Types of find</i>	<i>9</i>
<i>Circumstances of discovery</i>	<i>10</i>
<i>Terms and roles</i>	<i>10</i>
<i>Actions following discoveries on the seabed and on the deck of a works vessel... </i>	<i>12</i>
<i>Contact the Archaeological Consultant</i>	<i>13</i>
<i>Contact the Relevant Authority.....</i>	<i>14</i>
<i>Advise other teams/vessels working on the site.....</i>	<i>14</i>
<i>Establishing new AEZs</i>	<i>14</i>
<i>Altering AEZs.....</i>	<i>15</i>
<i>Finds recovered within the UK twelve nautical mile limit</i>	<i>15</i>
<i>Reporting and archiving.....</i>	<i>15</i>
5. REFERENCES.....	17
6. FIGURES (OVERLEAF).....	17
APPENDIX A: DBA ASSETS NO LONGER UNDER CONSIDERATION	24
APPENDIX B: GEOPHYSICAL ANOMALIES OF LOW TO MEDIUM ARCHAEOLOGICAL POTENTIAL.....	26
APPENDIX C: GUIDELINES FOR IDENTIFYING FINDS OF ARCHAEOLOGICAL INTEREST (AFTER THE CROWN ESTATE & WESSEX ARCHAEOLOGY 2014)	66
<i>Rubber, plastic etc.....</i>	<i>66</i>
<i>Iron and steel</i>	<i>66</i>
<i>Other metals.....</i>	<i>66</i>

Bone	66
Wood	67
Stone	67
Pottery	67
Brick	67
Peat and clay deposits	67
APPENDIX D: PAD PROCEDURES TO BE FOLLOWED IN THE EVENT OF A DISCOVERY	69

LIST OF TABLES

Table 1 Proposed archaeological exclusion zones	7
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LIST OF ILLUSTRATIONS

Figure 1 Proposed Development route corridor	18
Figure 2 Proposed AEZs for CA2 and CA16.....	19
Figure 3 Distribution of geophysical anomalies with archaeological potential	20
Figure 4 Distribution of geophysical anomalies with archaeological potential	21
Figure 5 Distribution of geophysical anomalies with archaeological potential	22
Figure 6 Distribution of geophysical anomalies with archaeological potential	23

Glossary

AEZ – Archaeological Exclusion Zone imposed to protect known archaeological sites or geophysical anomalies of medium or high archaeological potential

Archaeological Consultant - The nominated Archaeological Consultant is Cotswold Archaeology who compiled this document for the project

BGS – British Geological Survey

BP – before present

CA – Cotswold Archaeology

CD – Chart Datum

Cadw - the Welsh Government's historic environment service working for an accessible and well-protected historic environment for Wales

Client – Intertek Energy and Water

DAT – the Dyfed Archaeological Trust

DATPS – Dyfed Archaeological Trust Planning Service - like other archaeological trusts in Wales, Dyfed provides local planning authorities and others engaged in development and land-use change with a uniform development control service

DBA - Desk-based assessment

Designated Wreck - A protection placed on historic wrecks so they are not put at risk from unauthorised access, undisciplined activities or investigation, in accordance with the Protection of Wrecks Act 1973

Developer – Greenlink Interconnector Ltd, the Developer of the Greenlink Interconnector project

Fauna - Animals both invertebrates and vertebrates

Flint - Form of quartz mineral (chert) used to make tools in prehistoric societies

Geophysical Survey - A non-intrusive, remote-sensing investigative survey including sidescan sonar, magnetometer, multibeam echo-sounder and sub-bottom profiler, to detect or measure features on and below the seabed

Geotechnical Investigations - An intrusive survey method that penetrates the seabed recovering material samples for analysis

GI works - The geotechnical investigations being undertaken for the **Project**

HER – Historic Environment Record

Historic Assets - Elements of the historic environment that have local, regional or national significance, such as listed buildings or war memorials

Lithic - Stone tool that may be associated with prehistoric cultures

Mesolithic - Archaeological period approximately 9,000 – 4,000BC

MHWS - Mean High Water Springs, highest average tide

NMRW – National Monuments Record for Wales

Nominated Contact - The shore-based representative from the **Developer** who will be responsible for liaison between the **Archaeological Consultant** and the vessel-based **Site Champion**

OS – Ordnance Survey

PAD - The Protocol for Archaeological Discoveries sets out the procedures that must be followed in the event of unexpected archaeological discoveries either on the seabed or on the deck of working vessels and identifies the personnel with responsibility for ensuring that the PAD is followed

Palaeo-environmental - Prehistoric environmental conditions

Peat - An organic material formed by decayed vegetation matter that can preserve important environmental and archaeological evidence

PMRA 1986 - Protection of Military Remains Act 1986

Project – Greenlink Interconnector: a proposed submarine interconnector cable running between Freshwater West in Wales and the Fethard-river Suir area in Co Wexford, Ireland

PWA 1973 - Protection of Wrecks Act 1973

Receiver of Wreck (RoW) - The Receiver of Wreck, the wreck administration within the MCA/UKHO, deals with all reports of wreckage from around the UK including Northern Ireland. It is based in the Maritime and Coastguard Agency headquarters in Southampton, with assistance from Coastguard personnel around the coast

Receptor - Any environmental or other defined feature that is sensitive to - or has the potential to be affected by - an impact

RCAHMW - The Royal Commission on the Ancient Historical Monuments for Wales takes a leading national role as the originator, curator and supplier of authoritative cultural heritage information for individual, corporate and governmental decision makers, researchers, and the general public

Relevant Authority - The Relevant Authorities for this project are **RCAHMW, Cadw and DATPS** (see above).

Site – the assessment area extends from Mean High Water Springs (MHWS) at Freshwater West across the Irish Sea to MHWS in the Fethard-river Suir area in Co Wexford

Site Champion - The Site Champion is a representative appointed to accompany each works vessel (the **Client** Representative)

Study Area – a cable survey corridor extending 500m either side of the proposed cable route has been used to gather data to provide sufficient contextual information about the proposed route and its environs from which to assess known and potential impacts on the heritage resource

TEZ – a Temporary Exclusion Zone imposed, under the terms of the **PAD**, in the event of an unexpected archaeological discovery until initial investigations have been completed. It may then either be removed or converted into an **AEZ**

The Crown Estate (TCE) - the body responsible for managing the seabed and foreshore in UK territorial waters, and the lease holder for offshore developments within UK jurisdiction

UKHO - United Kingdom Hydrographic Office

WSI - The Written Scheme of Investigation sets out the scope of works and the respective responsibilities of the Developer, the Contractor, and the Archaeological Consultant prior to and during installation, and creates formal lines of communication between the parties and relevant stakeholders

1. INTRODUCTION

Outline

- 1.1. Cotswold Archaeology (CA) was commissioned by Intertek to produce a Written Scheme of Investigation (WSI) and a Protocol for Archaeological Discoveries (PAD) for the Greenlink Interconnector project which proposes the installation of a submarine cable between Freshwater West in Wales and Co. Wexford in Ireland. The WSI and PAD are live documents that will be updated as the project progresses, and new evidence comes to light. This version includes details of foreshore and marine surveys.
- 1.2. The WSI and PAD are based on professional guidance for desk-based assessments, geotechnical and geophysical surveys, and historic environment and setting appraisals including ClfA (2014), Welsh Government (2015, 2016), Cadw (2011), COWRIE & EMU (2011), and the Crown Estate & Wessex Archaeology (2010 & 2014).
- 1.3. This WSI is based on a desk-based assessment (DBA) undertaken by Cotswold Archaeology (2018), which focused on marine historic assets below mean high water springs (MHWS) and an archaeological assessment of foreshore, nearshore, offshore geophysical surveys.

Location and landscape context

- 1.4. The Proposed Development route runs for approximately 159km across the southern Irish Sea between the Fethard-river Suir area in Co. Wexford on the south-east coast of Ireland and Freshwater West, Milford Haven, Pembrokeshire on the south-west coast of Wales (see Figure 1). South of Milford Haven there is a persistent weathered bedrock record in the shallow cores. Surface gravels and shelly sands overlying the till / bedrock were most common closer to the shore, whereas muddy sands were more prevalent in the deeper offshore areas. Late Devensian Till is present across much of the Irish coastal shelf.

Scope of the WSI and PAD

- 1.5. In line with Welsh National Marine Policy SOC-07 (Welsh Govt 2015), this WSI outlines how potential impacts on known historic assets and their settings, and geophysical anomalies of high and medium archaeological potential, will be avoided, minimised or mitigated. This WSI has been updated to include the results from the DBA, from the archaeological assessment of marine geophysical survey data, and from the foreshore surveys of the Proposed Development. It may be further updated

following the archaeological assessment of geotechnical data, if this is warranted by the results.

- 1.6. The PAD clearly sets out the protocols and procedures that must be followed in the event of any unexpected archaeological discoveries whilst undertaking any activities that disturb the seabed. The WSI and PAD incorporate all current and relevant guidance.
- 1.7. The Developer is responsible for the implementation of this WSI and PAD.
- 1.8. Any further data collected will be archaeologically assessed and reported by Cotswold Archaeology and the WSI and PAD will be updated accordingly, including any revisions or additions, as deemed necessary, to the archaeological exclusion zones (AEZs) outlined below.

2. RECORDED MARITIME CULTURAL HERITAGE

Summary of designated historic assets

- 2.1. A possible Bristol Beaufighter aircraft (**CA23**, Cotswold Archaeology 2018), designated under the Protection of Military Remains Act 1986, was within the previously assessed cable survey corridor (CSC). Following revisions to the Proposed Development, however, it is no longer within the study area and will not be discussed further. A designated heritage asset in proximity to the Proposed Development comprises the scheduled remains of a heavy anti-aircraft battery above the beach at Freshwater Bay (**CA3**). The remnants of this feature are located to the north-east of the proposed landfall, well above MHWS and well beyond the area of likely direct impact associated with the construction works.

Summary of non-designated and potential heritage assets

- 2.2. The initial results of the 2018 DBA listed wrecks within the CSC for all three routes, A, B and E (Cotswold Archaeology 2018) and so the previous WSI contained AEZs that are no longer of relevance. The entries that are no longer relevant to the current Proposed Development have been removed but are included in Appendix A for reference.
- 2.3. The DBA (Cotswold Archaeology 2018) identified 12 non-designated recorded wrecks, obstructions and sites within the Proposed Development. These include:
 - seven known (live) wrecks or wreckage (**CA1, 2, 5, 14, 16, 24 & 25**) including two separate findspots associated with (**CA16**);

- two dead wrecks (**CA13 & 17**), that recent surveys have not located;
- two areas of multiple potential wreck sites (**CA8 & 9**) off Milford Haven, and at Freshwater West; and
- one findspot on the Irish foreshore (**CA15**).

- 2.4. All the known wrecks identified within the Proposed Development date from the 19th or 20th centuries. The earliest sinking was that of the *SS Candidate* (**CA1**); a merchant steamship captured by German submarine U-20 and sunk by torpedo on 6 May 1915 with no loss of life (WIID no W03284). When built the vessel's dimensions were 121.5m x 15.5m x 8m and it lies at a maximum depth of 67m.
- 2.5. The wreck of the *Willemoes* (**CA2**) of Thuro has been uncovered by storms on the foreshore in Freshwater Bay since December 2013. The wreck comprises the inverted remains of a wooden vessel built in Denmark in 1911 that ran aground near Gravel Bay during Christmas 1924 with one casualty. The vessel when built measured 33m x 8m x 3.3m.
- 2.6. The wreck of the *Thorold* (**CA5**), a Canadian transport ship built in 1922 measuring 76m x 13m x 5m, sank in the Irish Sea on 22 August 1940 after it was bombed by German aircraft, with the loss of ten hands. It now lies at 73m maximum water depth.
- 2.7. Two areas centred on Freshwater Bay and Milford Haven (**CA8 & 9**) have been identified by the RCAHMW as having the potential to contain wrecks of vessels and downed aircraft.
- 2.8. Very little detail is known of two wrecks (**CA13 & 14**) in the same vicinity at a depth of 109m. Sections of (**CA14**) have been exposed on two occasions in the late 20th century and have been recorded as 11m in length and 6.7m in height.
- 2.9. Several features have been recorded above MHWS close to the edge of the CSC on the Irish foreshore. These include the site of a promontory fort (RMP monument no. WX050-01501-), a linear earthwork (RMP monument no. WX050-01502-), and a hut site (RMP monument no. WX050-015005); a piece of iron (**CA15**) found on the beach was too badly corroded to date or identify but could be associated with either the fort or with a nearby medieval battlefield encampment.
- 2.10. The wreck site of possibly the *Saint Jaques* (**CA16**) was recorded during a marine geophysical survey in 2010. This steel-hulled steamship sank after being torpedoed

in September 1917. The partially buried wreck measured 70.2m x 23.5m and lies on a sandy seabed at 29m depth. Separate components, possibly of the same wreck, have been recorded in close proximity.

- 2.11. The *Margaret* (**CA17**) was a 14-ton fishing smack which sank in high winds in August 1893. No remains have been recorded in the reported location.
- 2.12. The *Concha* (**CA24**) was a steel-hulled cargo vessel built by Eriksbergs M/V A/B in 1919. It was approximately 53.4m long and 12.3m wide (175ft 2in long and 38ft 9in wide). On 10 September 1958, the *Concha* was on passage from Dublin to Swansea when there was an explosion and fire in the ship's engine room. The wreck is now thought to lie at a depth of approximately 48m and was last recorded in 1976 (Coflein NPRN 273235).
- 2.13. A wreck is believed to be that of the *Gisella* (**CA25**), which was a steel-hulled steamship built by W Gray & Co Ltd in 1904. It sank on November 1917 approximately 3.21km south-south-west of Skokholm Island, after picking up cargo in Cardiff. It had been badly damaged by a German mine, and then torpedoed by a UC77, resulting in the loss of life.
- 2.14. Despite the low number of known sites recorded in the DBA (Cotswold Archaeology 2018), the assessment concluded that there is moderate potential for the discovery of unexpected cultural heritage remains, due to the considerable number of recorded incidents in the vicinity. This is consistent with the two areas, at Freshwater Bay and at Milford Haven (**CA8 & CA9**), identified by the RCAHMW as of high archaeological potential for the discovery of previously unrecorded shipwrecks and downed aircraft.

3. WRITTEN SCHEME OF INVESTIGATION (WSI)

Aims and objectives

- 3.1. The primary aim of the WSI is to reduce the potential risks of impact from the Proposed Development on archaeological and cultural heritage assets and to set out clearly the procedures that will be followed during in order to avoid impacts and to protect such assets.
- 3.2. The aim of an AEZ is to exclude any activity within that exclusion zone thereby protecting archaeological and potential archaeological assets from accidental damage.
- 3.3. The potential risks to historic assets will be mitigated through the use of site-specific AEZs which specify the extent of each buffer zone so as to avoid all known and potential cultural heritage receptors.
- 3.4. With reference to the Model Clauses for Written Schemes of Investigation (The Crown Estate & Wessex Archaeology, 2010), the objectives of the WSI are:
 - to set out the scope of works of the proposed project;
 - to propose measures for mitigating effects upon any archaeological material that may be encountered during project operations; and
 - to identify and establish the position and extent of AEZs.

Methodology

Archaeological Exclusion Zones

- 3.5. Known historic assets and geophysical anomalies of high and medium archaeological potential which may be potentially affected by the Proposed Development have been identified in the DBA (Cotswold Archaeology 2018) and in the archaeological assessment of foreshore, nearshore and offshore survey data (Cotswold Archaeology 2019). Where appropriate these will be protected by the imposition of an AEZ around each asset considered at risk.
- 3.6. AEZs will apply to any activities that may disturb the seabed, within which all development-related activities will be prohibited. Their locations and extent will be agreed with curatorial authorities in advance. The location and conditions of the AEZs will be conveyed to all teams involved in of any such works.

- 3.7. The location, extent and number of AEZs will be monitored and revised throughout the project as new evidence comes to light.

Location and extent of AEZs

- 3.8. Based on the evidence currently available from the DBA, foreshore and marine geophysical survey data, AEZs are suggested around two known assets (Table 1; Fig. 2) and around 148 geophysical anomalies of low to medium potential (see Figs 3-6 and Appendix B). The suggested extent of the AEZ buffer is the radius of a circle centred on the given location. The extent of the buffer is based, not only on the archaeological potential of the asset, but also on the extent, if known, of the asset.
- 3.9. The wreck of the *Willemoes* (**CA2**) located on the beach at Freshwater West has been assigned an AEZ of 50m. Although the wreck was not visible during the walkover survey owing to raised sand levels, an AEZ is necessary to protect the buried remains.
- 3.10. The *St Jaques* (**CA16**) has been assigned a buffer of 50m to encompass the possible associated debris field.
- 3.11. The two potential wreck areas (**CA8 & CA9**) have not been assigned AEZs as no anomalies of archaeological potential were detected in the marine geophysical survey data at these locations.
- 3.12. Analysis of the marine geophysical datasets along the Proposed Development identified 148 geophysical anomalies with archaeological potential (see Figs 3-6 and Appendix B). None of the anomalies were identified as wrecks sites or of high archaeological potential. 62 anomalies were considered of medium potential and the remaining 86 anomalies were considered of low archaeological potential (illustrated in Appendix B). The anomalies of medium potential consisted typically of magnetic targets exceeding 25 nanotesla (nT) sometimes associated with bathymetric or SSS anomalies. These might be indicative of metallic objects on, or just under, the surface of the seabed. No corresponding anomalies were identified in the neighbouring sub-bottom data, although SBP survey lines rarely coincided directly with the locations in which these anomalies were identified in the surface datasets.

Monitoring of AEZ

- 3.13. The effectiveness of any AEZ will be periodically monitored by the Archaeological Consultant in consultation with the Site Champion (see 4.11 below). If deemed

necessary by concerns raised by the Site Champion, this may be monitored by periodic visits to the survey vessels by the Archaeological Consultant.

- 3.14. No operations that disturb the seabed will be undertaken within an AEZ. If it becomes apparent that intrusive activities have taken place within an AEZ, the party responsible will obtain advice from the Archaeological Consultant in accordance with their obligations with respect to the AEZ and the detail of the project-specific WSI.
- 3.15. In the event that there is an incursion into an AEZ, an archaeological report may be prepared to review whether there are still archaeological grounds for maintaining the AEZ. Any archaeological report on the AEZ will include recommendations regarding amendment of the extent, removal and/or creation of new AEZs.

Reporting and deliverables

- 3.16. On completion of any operations that disturb the seabed, if deemed necessary, a report may be compiled on the effectiveness of the AEZs, any alterations or additions to them, and the results of monitoring.

Table 1 Proposed archaeological exclusion zones

CA no.	Description	Longitude	Latitude	Archaeological potential	Radius of AEZ
CA2	Willemoes – wooden wreck on foreshore (33m in length) ran aground 1924. 1 casualty	-5.06413	51.6601	Medium	50m
CA8	Potential wreck area	-5.143374	51.64337	Unknown	None
CA9	Potential wreck area	-5.06336	51.65878	Unknown	None
CA16	Saint Jaques – steel-hulled steamship (70.2 m x 23.5m) sunk in WW1	-5.11285	51.63829	Medium	50m

Geoarchaeological assessment and analysis

- 3.17. An assessment of the core material recovered during ground investigations (GI) will be undertaken to identify whether sediments with archaeological potential have been encountered. The initial stage will consist of a desk-based assessment of the geotechnical reporting, including core logs and photographs to identify any material that has been encountered that would require a formal geo-archaeological assessment (sediment recording).
- 3.18. Geo-archaeological assessment and analysis will be carried out by a suitably qualified geo-archaeological specialist in accordance with established standards and guidance (e.g. Historic England, 2015b; COWRIE and EMU Ltd, 2011).

3.19. Geotechnical reports should be supplied as pdfs accompanied by photographs of the core material. Following this assessment, a report will be prepared outlining:

- the assessment results;
- the archaeological potential of the encountered sediments; and
- any recommendations for further work.

Palaeo-environmental analysis

3.20. In the event that palaeo-environmental or archaeological material is encountered, recommendations for further analysis (should this be deemed necessary) may include any or all of the following:

- wet sieving for plant and insect remains;
- diatom assessment;
- pollen, plant remains, insect, and diatom analysis; and
- radiocarbon dating.

3.21. The programme for further analysis will be agreed with the Developer in consultation with the relevant authorities.

3.22. A final report will be delivered as an illustrated technical report. The precise scope and content of this report will depend on the assessment and analysis results, and the requirements of the client and curator, but will, as a minimum, contain the following sections:

- Non-technical summary;
- Introduction;
- Coring and sampling methodology;
- Results, including (as relevant) sediments, waterlogged plant remains and shells, radiocarbon dating, and pollen analysis;
- Discussion;
- Conclusion and (where relevant) recommendations; and
- List of references.

3.23. All reports will be supplied in draft to the client and comments will be incorporated in a final document for submission to the client and relevant authorities.

4. PROTOCOL FOR ARCHAEOLOGICAL DISCOVERIES (PAD)

Scope

- 4.1. The PAD sets out best practice in the reporting of finds of archaeological interest (Appendix C). It is based on professional guidance for PADs (The Crown Estate & Wessex Archaeology, 2014). The principles that are set out here are intended to address archaeological mitigation measures identified during the previous archaeological assessments of the development, and the approach to any further finds of archaeological interest that may be identified during the GI works.
- 4.2. The objectives of the PAD are:
- to set out the respective responsibilities of the **Developer**, their **Contractors (TBC)**, and the **Archaeological Consultant** (Cotswold Archaeology) prior to and during any works that disturb the seabed, to include contact details and formal lines of communication between the parties and with archaeological curators;
 - to clearly set out the protocols and procedures that must be followed in the event of any unexpected archaeological discoveries.
 - to ensure that, in the event of unexpected archaeological discoveries being made, appropriate archaeological input, review and recording is undertaken.
- 4.3. The responsibility for implementing this PAD rests with the Developer.

Types of find

- 4.4. 'Finds' here are considered to mean all forms of artefact that can be found on the seabed. To be an artefact, the item must have been made, modified, used or transported by humans; i.e. their presence on the seabed is 'artificial' or 'cultural' rather than 'natural'.
- 4.5. For legal purposes, finds from the seabed fall into two categories. 'Wreck' has a specific legal definition broadly encompassing all sorts of materials that come to be on the seabed as a direct result of once being aboard or part of a vessel. Statutory law relating to 'wreck' is set out principally in the Merchant Shipping Act 1995, applicable to territorial waters out to twelve nautical miles. The common law relating to wreck is to be found in legal cases and commentaries. All other finds are referred to as 'non-wreck'. 'Non-wreck' includes things such as prehistoric flint artefacts that were lost on land that has since been inundated by rising sea level, or artefacts that

have been eroded from sites on the shore. The law applicable to 'non-wreck' is largely common law, to be found in legal cases and commentaries.

Circumstances of discovery

4.6. This PAD addresses finds of archaeological interest made in the following circumstances:

- Discoveries on the seabed during seabed inspections and investigations, seabed clearance or scheme installation;
- An anomaly that has been encountered on the seabed such as possible wreck or cultural heritage features identified during geophysical, geotechnical, remotely-operated vehicle (ROV) or diver surveys; or
- A find of archaeological interest made on a works vessel, for example wreck or objects recovered to the deck during the course of geotechnical sampling or caught in equipment such as grapnels, anchors, or ploughs.

Terms and roles

4.7. This section defines the terms and roles with responsibility for ensuring compliance with the PAD (see below). The specific details of the individuals who will fill these roles will be confirmed and distributed in advance of the commencement any project works that might disturb the seabed.

4.8. The **Developer** will draw the attention of the **Contractor** to the potential for archaeological material to be found in the course of their works and will inform them of the possible importance of such finds. Key operational staff will be identified and briefed on the operation of the PAD prior to the commencement of such works.

4.9. This PAD anticipates discoveries being made by the **Contractor**, who reports to the **Site Champion** (client representative on board survey vessel), who then reports to the **Nominated Contact** (shore-based representative of the Developer). The **Nominated Contact** will then liaise with the appointed **Archaeological Consultant** to provide details of a reported discovery. The **Archaeological Consultant** will assess the nature of the appropriate action to be taken, and whether to contact the **Relevant Authority**, in this case RCAHMW, Cadw and DATPS. The **Archaeological Consultant** will also brief the **Site Champion** on the types of archaeological finds and features that may be encountered. The responsibilities for each role are outlined below.

Nominated Contact

- 4.10. The **Nominated Contact** will be the contractor's shore-based point of contact for all communications regarding archaeological discoveries. The **Nominated Contact** will be issued with a copy of this document.

Site Champion

- 4.11. The **Nominated Contact** will, for the GI works, identify a **Site Champion** (who will be the Client Representative of the **Developer**) to act as a first point of contact for staff, and to liaise with the **Nominated Contact** in respect of the implementation of the PAD during the GI works. The **Site Champion** will be issued with a series of preliminary record sheets and flow charts (see Appendix D) setting out the actions to be taken in the event that an archaeological discovery is made either on the seabed or on the deck of the vessel.

Archaeological Consultant

- 4.12. The **Archaeological Consultant** will be the initial point of contact for the **Nominated Contact**. They shall:
- Brief the **Site Champion** on the nature of archaeological finds and features and appropriate measures for interim conservation and safe storage;
 - Advise on the identification of finds and features and, if possible, the character of their seabed locations;
 - Advise on material conservation of any recovered finds;
 - Agree appropriate actions to be taken; and
 - Where appropriate, pass on all details and records associated with any discoveries to the **Relevant Authority**.

Relevant Authority

- 4.13. RCAHMW, Cadw and DATPS are the statutory bodies for archaeology and heritage in this part of Wales including marine archaeology in territorial waters adjacent to the Welsh coast up to the mean high-water mark. In the event of an unexpected discovery of a find of archaeological significance, the **Archaeological Consultant** may consider it necessary to inform these authorities. Should this be necessary a representative from RCAHMW, Cadw or DATPS will be asked to:
- Liaise with other relevant archaeological authorities;
 - Advise on proposals to further evaluate any finds; and

- Advise on proposals to mitigate the effects of work activities upon any finds.

Actions following discoveries on the seabed and on the deck of a works vessel

- 4.14. The following presents the actions to be taken in the event of an archaeological discovery during any project activities that disturb the seabed, such as GI works. The preliminary record sheets and flow charts illustrating the actions to be followed are presented in Appendix D.

Actions by the Contractor

- 4.15. If a find is discovered on the deck of a vessel or an anomaly or structure has been encountered on the seabed, the **Contractor** shall inform the **Site Champion**. The **Site Champion** will examine any archaeological material and will, as soon as possible after it has been discovered, arrange for sub-sea gear to be lifted and examined to see if any archaeological material is recovered with it.

Actions by the Site Champion

- 4.16. Where it is possible to identify the position from which the find originated, the **Site Champion** will impose a temporary exclusion zone (TEZ) in the vicinity of the discovery within which intrusive works will cease until further investigations have been concluded. Works can, however, continue in an alternative location. The feedback and advice of the **Archaeological Consultant** will be sought through the **Nominated Contact** and will be available throughout ground-disturbance works in order to provide the necessary response required during any activity that disturbs the seabed.
- 4.17. The **Site Champion** shall record the occurrence as soon as possible in the Daily Progress Report or vessel log together with the time and exact vessel position. Where possible, the report entry should include a close approximation of the original position of the anomaly on the seabed. Additionally, the **Site Champion** shall ensure that the TEZ, is marked on navigational software, site drawings and survey charts. The **Site Champion** shall compile a preliminary record of the occurrence for discoveries both on the seabed and on the deck of the vessel.
- 4.18. The **Site Champion** shall inform the **Nominated Contact** of the occurrence as soon as possible and pass on all available information, including a copy of the preliminary record and copies of any photographs, drawings or other relevant records. If any finds have been recovered, the **Site Champion** shall arrange for them to be stored in seawater in a suitable clean container, which should be covered. Any rust,

concretion or marine growth should not be removed. The flow charts in Appendix D present the procedures to be followed in the event of a discovery.

Actions by Nominated Contact and Site Champion

- 4.19. Once informed of a find by the **Site Champion**, the **Nominated Contact** will confirm with the **Site Champion** that all the details set out in the preliminary record are comprehensive and correct. The **Nominated Contact** shall ensure that any find is appropriately assessed and documented for the **Archaeological Consultant** who will, if deemed necessary, report the find to the **Relevant Authority**.

- 4.20. The **Nominated Contact** is (TBC):

Name.....

Position.....

Address,.....

.....

Telephone.....

Email address.....

Contact the Archaeological Consultant

- 4.21. The **Nominated Contact** will approach the **Archaeological Consultant** who will offer advice on the nature of any discoveries and appropriate action to be taken. The feedback and advice of the **Archaeological Consultant** will be sought through the **Nominated Contact** and will be available throughout ground-disturbance works in order to provide the necessary response required.

- 4.22. The **Archaeological Consultant** is:

Michael Walsh
Senior Marine Consultant

Cotswold Archaeology
Stanley House
Walworth Rd
Andover
SP10 5LH

01264 347640
michael.walsh@cotswoldarchaeology.co.uk

- 4.23. The **Archaeological Consultant** will discuss and agree the appropriate action to be taken, will process all records, and if deemed necessary will provide a summary report for any discoveries.

Contact the Relevant Authority

- 4.24. In the event that the Archaeological Consultant considers it necessary, the **Relevant Authority** will be consulted by the **Archaeological Consultant** for further advice. If necessary, all available information relating to the circumstances of the occurrence, including a copy of the Preliminary Record and copies of any photographs, drawings or other records that have been made will be passed on to the **Relevant Authority**.

- 4.25. The contact at the **Relevant Authority** is:

Deanna Groom
Senior Investigator (Maritime)

RCAHMW
Penglais Rd
Aberystwyth
SY23 3BU

01970 621217
deanna.groom@rcahmw.gov.uk

Mike Ings
Senior DM Archaeologist

Dyfed Archaeological Trust
Corner House
6 Carmarthen St
Llandeilo
SA19 6AE

01558 825987
m.ings@dyfedarchaeology.org.uk

Advise other teams/vessels working on the site

- 4.26. In the event that a find is considered to be of possible archaeological significance, a temporary exclusion zone (TEZ) may be established. This will protect the identified potential heritage asset while its significance is fully assessed.
- 4.27. Where a TEZ has been imposed, the **Site Champion** shall inform other vessels working in the area. Such other vessels shall be advised by the **Nominated Contact** to keep a particular watch for anomalies and finds.

Establishing new AEZs

- 4.28. Once a TEZ has been established and the significance of the historic asset it protects determined, it may be necessary to maintain this exclusion zone. If the historic asset is shown to be of archaeological significance the TEZ may be converted into a new AEZ. This decision will be taken by the **Archaeological Consultant** in consultation with RCAHMW, Cadw and DAT, for any marine works within and beyond the sub-tidal zone within Welsh territorial waters.

Altering AEZs

- 4.29. If archaeological material is discovered during the course of the GI works, then AEZs may be altered (enlarged, reduced, moved or removed) as a result. These discoveries might include material recovered on survey equipment or evidence from boreholes. Any alteration will be defined by the **Archaeological Consultant** in consultation with RCAHMW, Cadw and DATPS and will be issued to each works vessel by the **Nominated Contact** through the **Site Champion**.

Finds recovered within the UK twelve nautical mile limit

- 4.30. The **Nominated Contact** shall make any recovered finds available for inspection by the relevant authority. If the find is, or appears to be 'wreck', or associated material, the **Nominated Contact** shall give notice to the Receiver of Wreck as soon as possible that a find has been recovered in accordance with Section 236(1) of the Merchant Shipping Act 1995. **This is a legal requirement.**

- 4.31. The **Receiver of Wreck** can be contacted as follows:

Receiver of Wreck
Bay 1/05
Spring Place
105 Commercial Road
Southampton
SO15 1EG

020 381 72575
Alison.Kentuck@mcga.gov.uk

Reporting and archiving

- 4.32. Archaeological reports produced as a result of this WSI and PAD, will be sent for review to Cadw, RCAHMW and/or DATPS prior to finalisation. Similarly, any summary reports produced as a result of the agreed WSI, or through implementation of the PAD, will be sent as draft reports for agreement.
- 4.33. **The Developer** will be responsible for ensuring that copies of any archaeological assessment or summary reports are deposited with the DAT HER and the National Monuments Record of Wales (NMRW), along with a digital copy of the report. Guidance for archiving digital outputs in Wales can be found on the RCAHMW website:

<https://rcahmw.gov.uk/wp-content/uploads/2016/09/RCAHMW-Guidelines-for-Digital-Archives.pdf> [rcahmw.gov.uk], or

<https://rcahmw.gov.uk/wp-content/uploads/2016/09/Canllawiau-CBHC-Ar-Gyfer-Archifau-Digidol.pdf> [rcahmw.gov.uk].

- 4.34. Reporting activities may include the results of archaeological assessment of serendipitous discoveries during works that impact the seabed, and the effectiveness of and implementation of new exclusion zones. On completion of these works, an archaeological summary report may also be prepared to synthesise the results of any reports noted above that may arise throughout the course of the works. If a final archaeological report is deemed necessary, it will address the following themes:
- Maritime sites and finds; and
 - Palaeo-environmental and submerged prehistoric archaeology.
- 4.35. Reference to all archaeological assessment work will be made in any summary report which will consolidate the key results of the archaeological assessment undertaken upon completion of any works that disturb the seabed. If required, the summary report will be delivered to Cadw, RCAHMW and/or DATPS for consultation within three months of the completion of the works.
- 4.36. Any samples, finds or objects of cultural heritage interest that may be recovered during the project works will be handled and stored in the appropriate manner under the guidance of the **Archaeological Consultant**, in consultation with the curators and staff from the receiving institution. All subsequent decisions regarding the handling, transport and storage of retained finds will be agreed with the relevant authority and the relevant staff from the allocated receiving institution.
- 4.37. Depending on outcomes, each element of work may give rise to one or more reports, the provision of which will be the responsibility of the Developer through their appointed **Archaeological Consultant**.

5. REFERENCES

Cadw, 1999. *Caring for coastal heritage*, Cardiff: Cadw.

Cadw, 2011. *Conservation Principles*, Cardiff: Cadw.

Chartered Institute for Archaeologists, 2014. *Standard and guidance for commissioning work or providing consultancy advice on archaeology and the historic environment*, Reading: Chartered Institute for Archaeologists.

Chartered Institute for Archaeologists, 2014. *Standard and guidance for historic environment desk-based assessment*, Reading: Chartered Institute for Archaeologists.

Cotswold Archaeology, 2019. Greenlink Interconnector Project, Archaeological assessment of foreshore, nearshore and offshore geophysical data. CA report no 770349_01

Cotswold Archaeology, 2018. Greenlink Interconnector Project, Marine archaeology desk-based assessment. CA report no 18254

COWRIE & EMU, 2011. *Guidance for Offshore Geotechnical Investigations and Historic Environment Analysis: Guidance for the Renewable Energy Sector*, Newbury: COWRIE.

Plets, R., Dix, J. & Bates, R., 2013. *Marine Geophysics Data Acquisition, Processing and Interpretation: Guidance Notes*, Swindon: English Heritage.

The Crown Estate & Wessex Archaeology, 2010. *Model Clauses for Archaeological Written Schemes of Investigation*, London: The Crown Estate.

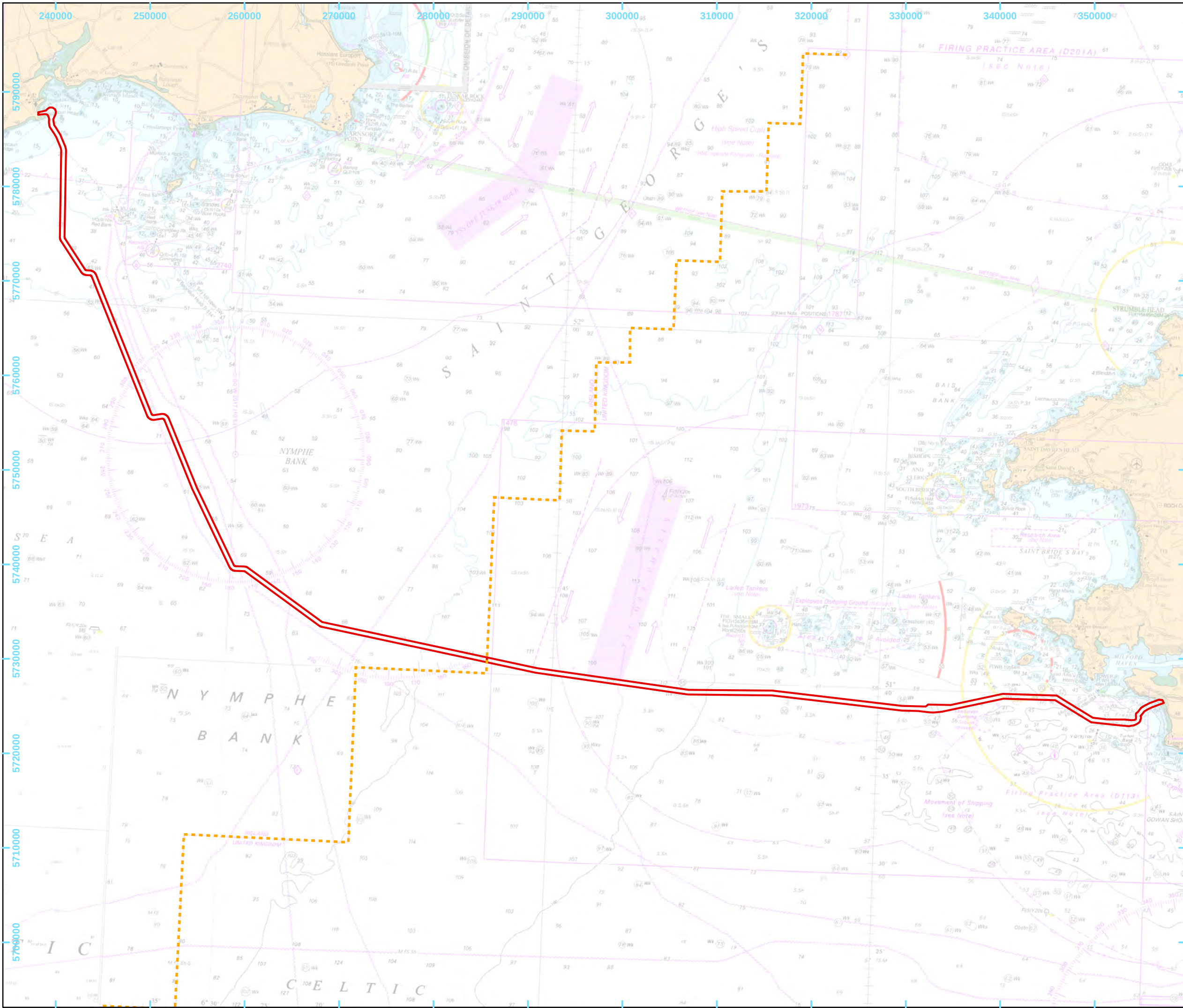
The Crown Estate & Wessex Archaeology, 2014. *Protocol for Archaeological Discoveries: Offshore Renewables Project*, London: The Crown Estate.

Welsh Government, 2016. *Planning Policy Wales. Edition 8*. s.l.:

Welsh Government. 2015. *The Welsh National Marine Plan, Initial draft*. WG25663, ISBN: 978-1-4734-5357-9

Welsh Office, 1996. *Welsh Office Circular 60/96*, Cardiff: Welsh Office.

6. FIGURES (Overleaf)



Legend

- Proposed Development
- Median line



Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
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False Northing: 0.0000
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Latitude Of Origin: 0.0000
Units: Meter

Service Layer Credits: Esri, Garmin, GEBCO, NOAA NGDC, and other contributors

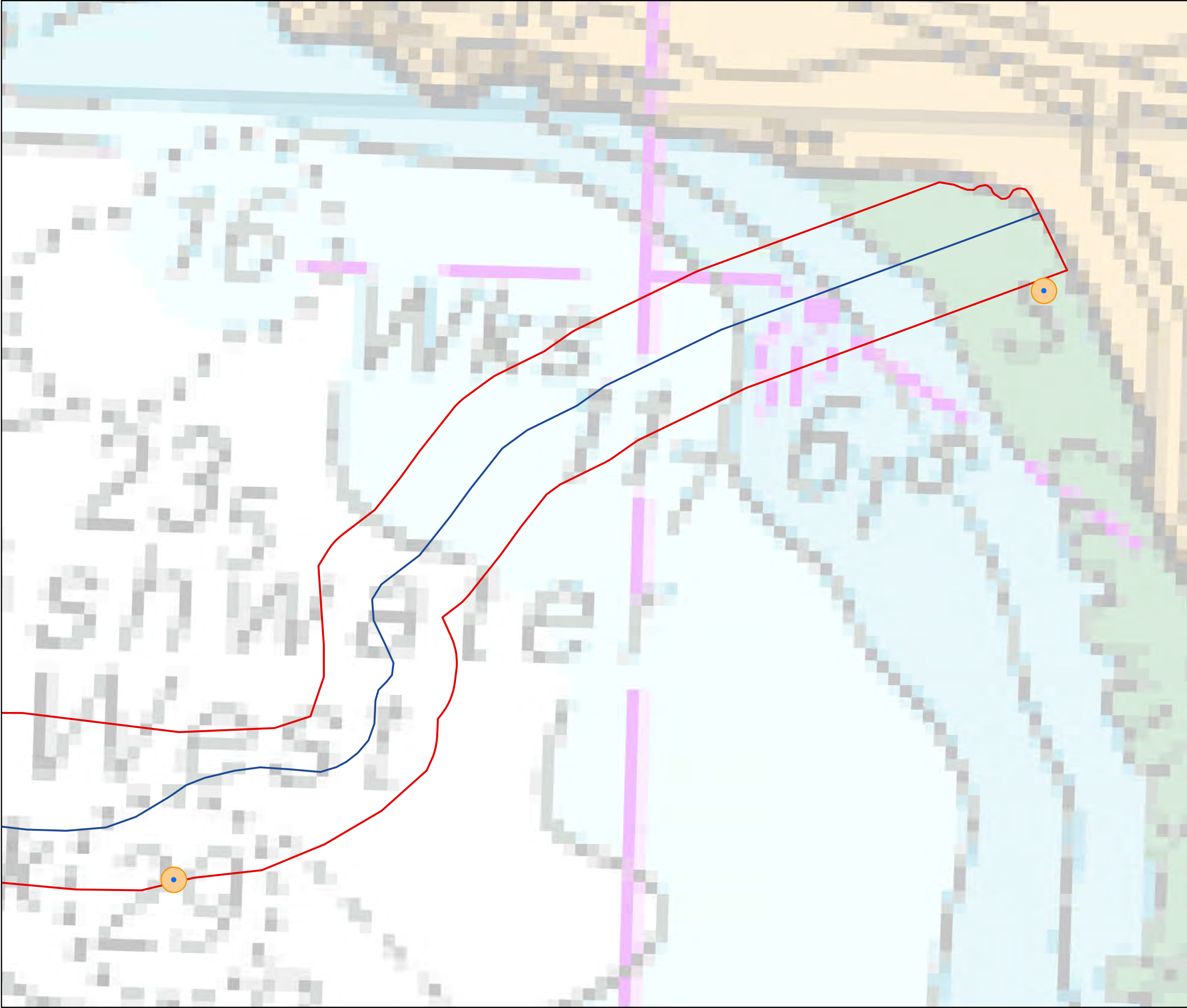


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PROJECT TITLE
Greenlink Interconnector

FIGURE TITLE
Proposed Development route corridor

DRAWN BY	RLF	PROJECT NO	770349	FIGURE NO.
CHECKED BY	MTW	DATE	31/05/2019	1
APPROVED BY	MTW	SCALE@A3	1:375,000	



Legend

Wrecks and obstructions

AEZ

Greenlink Route Centreline (Indicative)

Proposed Development

Median line

N

00.5km

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Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
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Units: Meter

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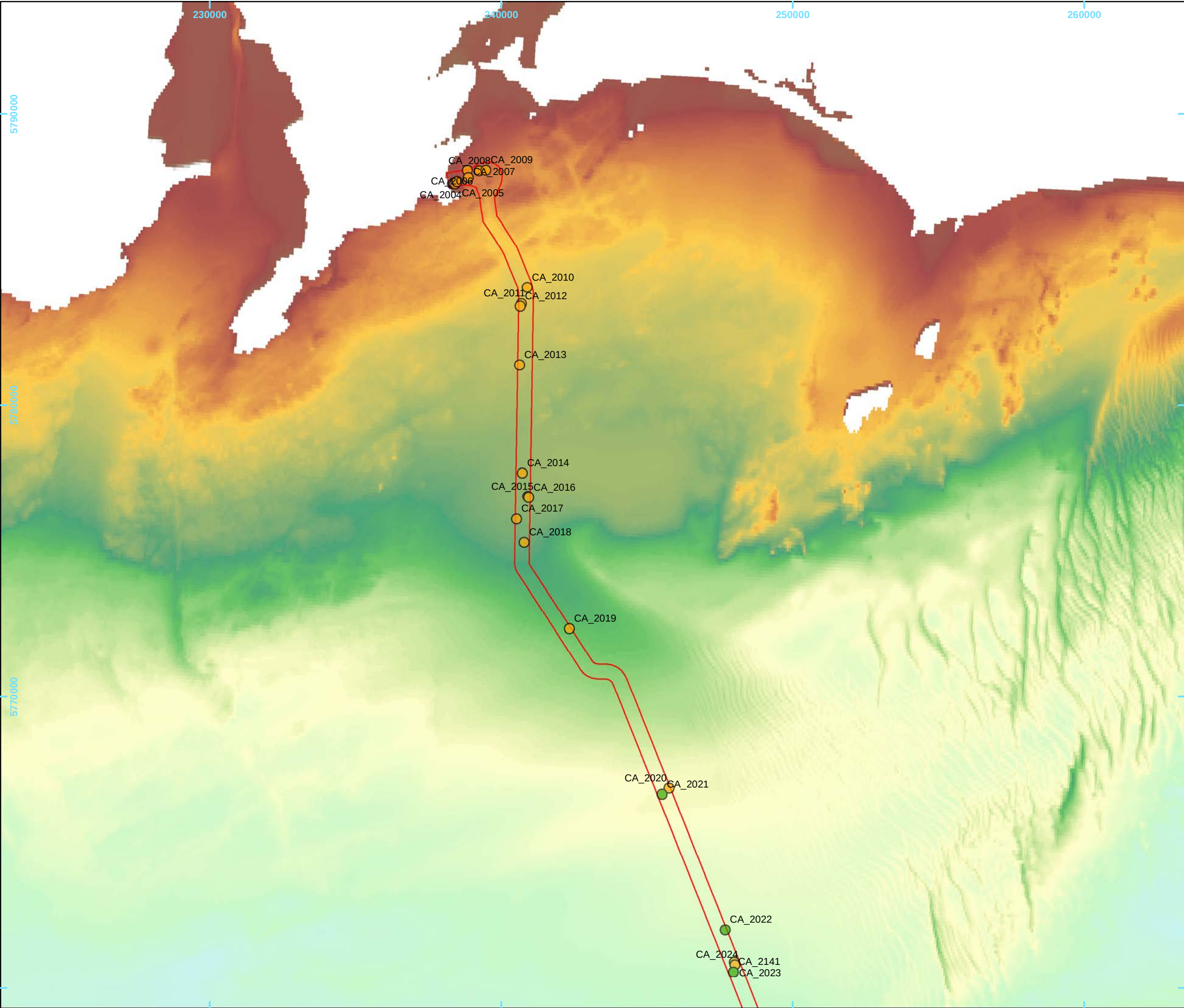
PROJECT TITLE

Greenlink Interconnector

FIGURE TITLE

Proposed AEZs for CA2 and CA16

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CHECKED BY	MTW	DATE	31/05/2019	2
APPROVED BY	MTW	SCALE@A3	1:14,043	



Legend

Route Corridor

Archaeological Anomaly

- High
- Medium
- Low

Bathymetry (mLAT)

High : 42.81

Low : -69.8



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Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Cotswold Archaeology marine

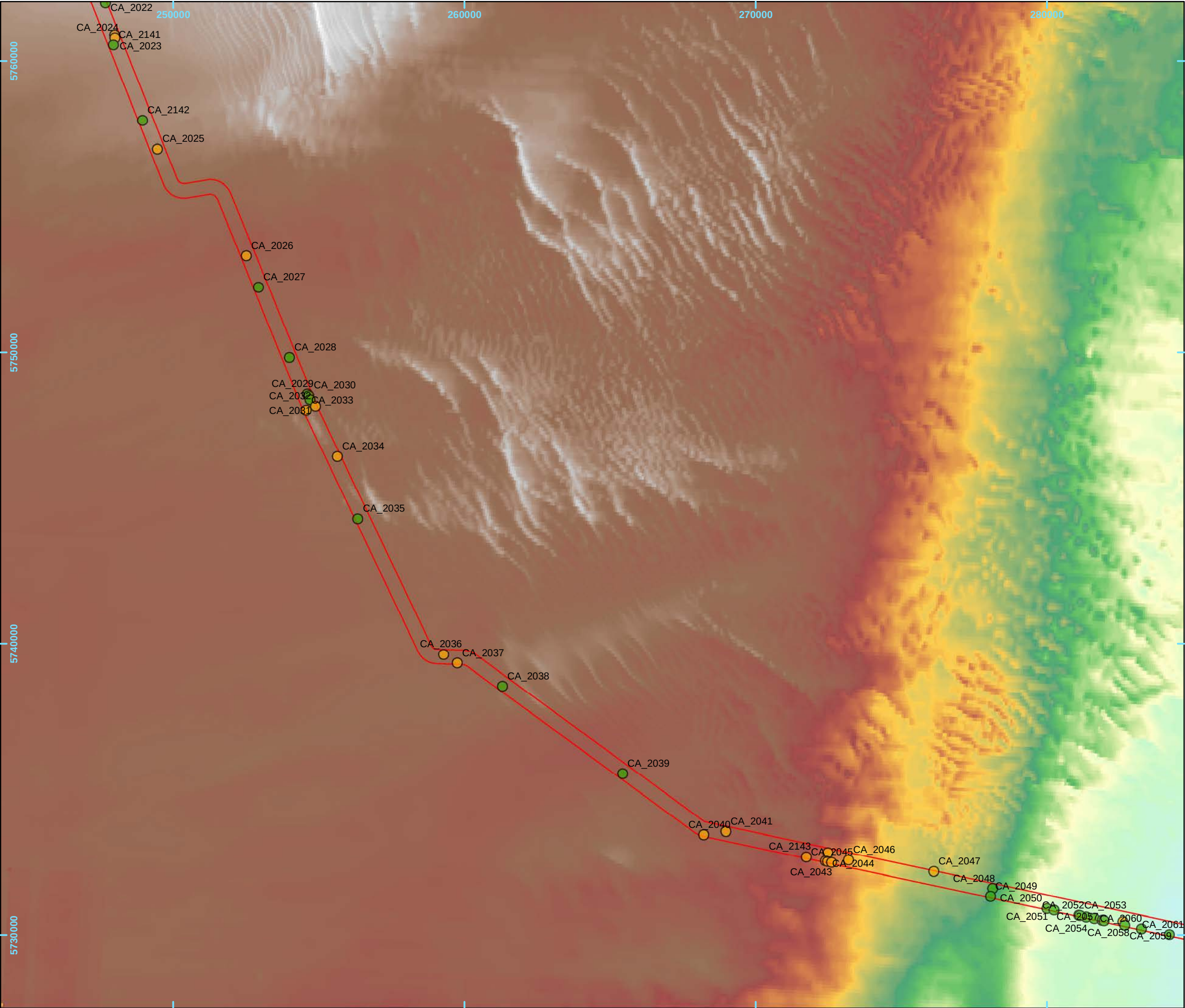
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enquiries@cotswoldarchaeology.co.uk	

PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Distribution of geophysical anomalies with archaeological potential



Legend

Route Corridor

Archaeological Anomaly

- High
- Medium
- Low

Bathymetry (mLAT)

High : -44.6

Low : -117.25

0 4,625m

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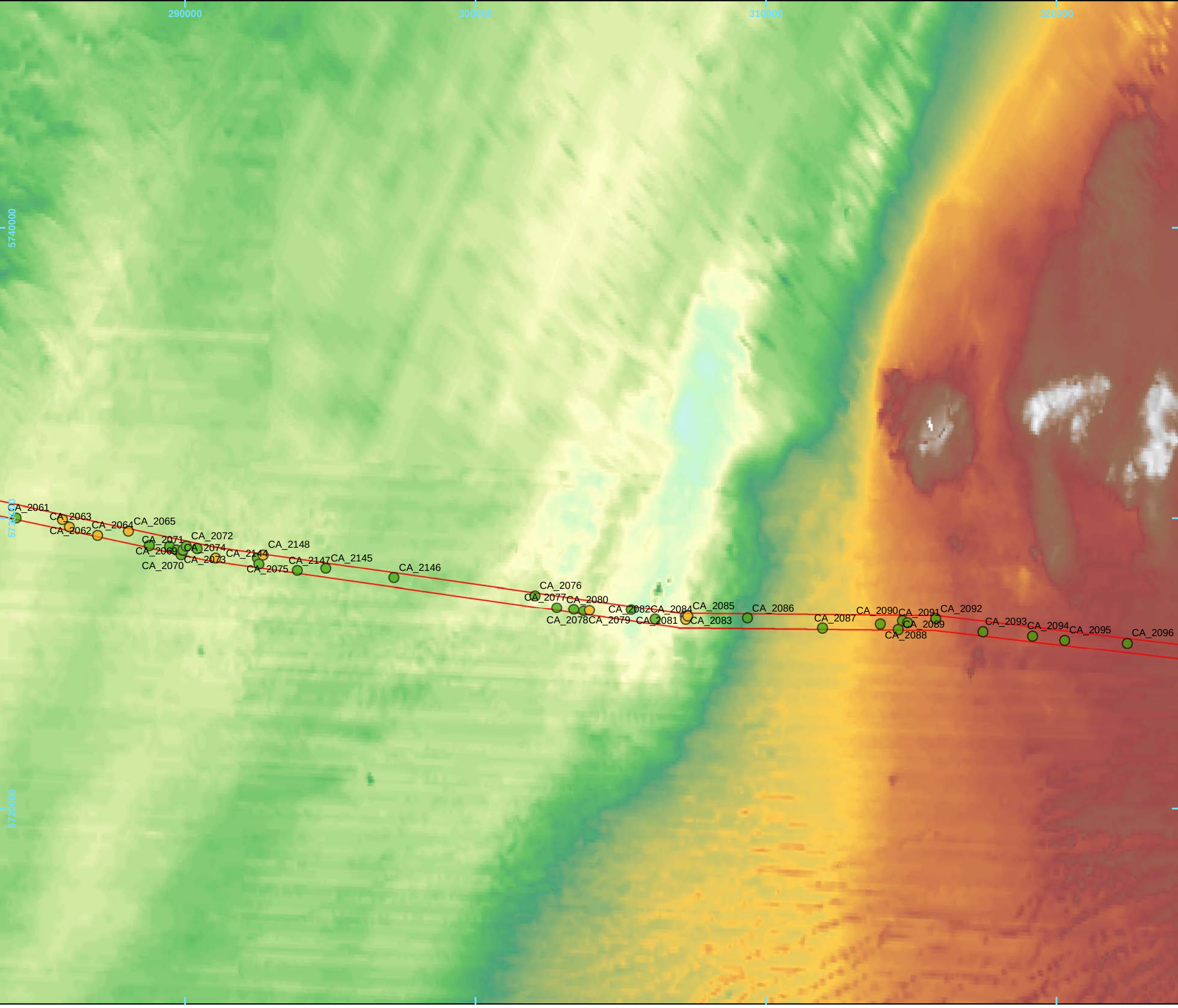
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Greenlink Interconnector project

FIGURE TITLE

Distribution of geophysical anomalies with archaeological potential

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CHECKED BY	RK	DATE	01/04/2019	4
APPROVED BY	MW	SCALE@A3	1:122,958	



Legend

Route Corridor

Archaeological Anomaly

- High
- Medium
- Low

Bathymetry (mLAT)

High : -6.75

Low : -138.45

0 4,625m

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False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
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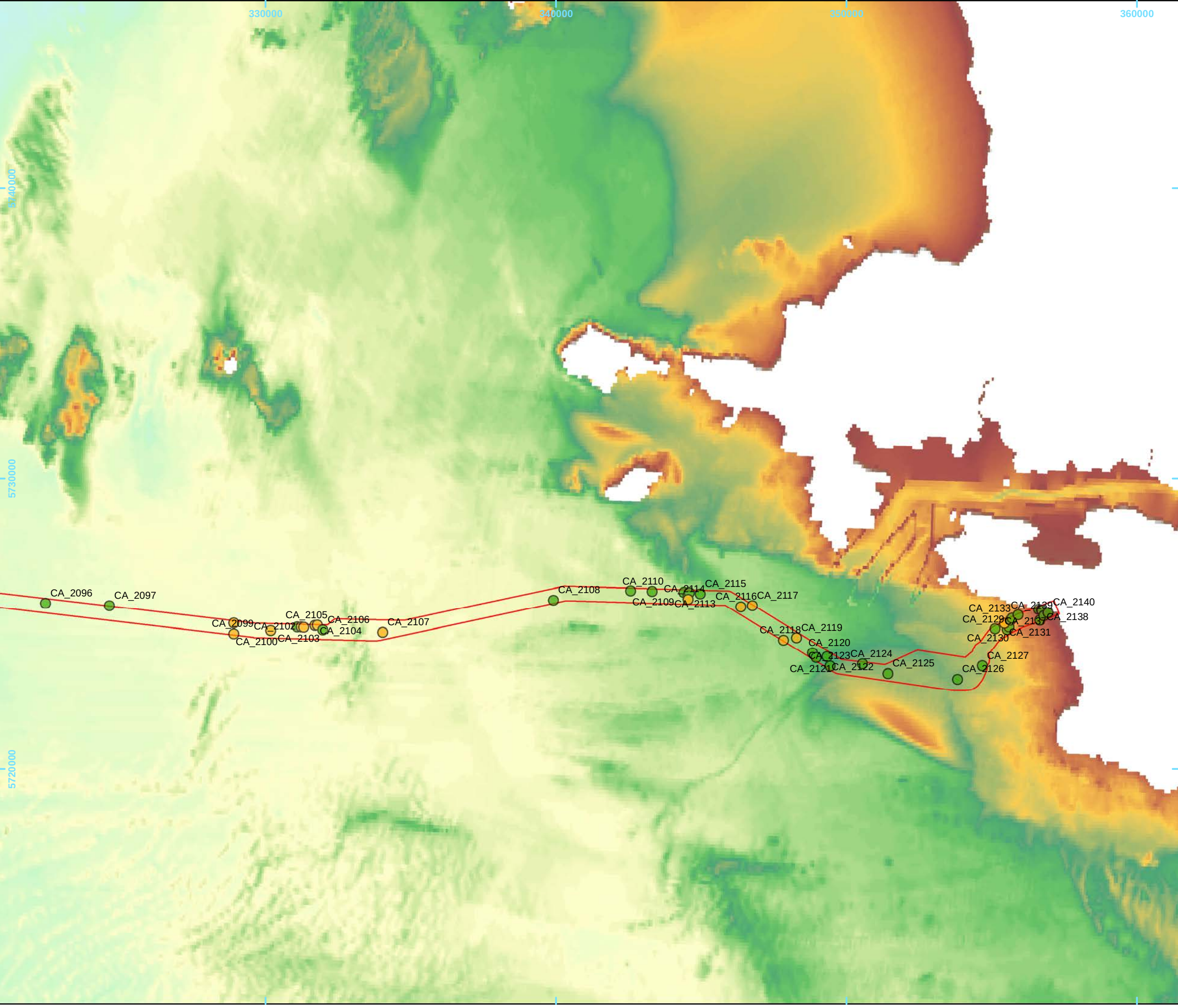
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PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Distribution of geophysical anomalies with archaeological potential



Legend

Route Corridor

Archaeological Anomaly

- High
- Medium
- Low

Bathymetry (mLAT)

High : 58.67

Low : -78.4



Coordinate System: WGS 1984 UTM Zone 30N
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Central Meridian: -3.0000
Scale Factor: 0.9996
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Units: Meter

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PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Distribution of geophysical anomalies with archaeological potential

APPENDIX A: DBA ASSETS NO LONGER UNDER CONSIDERATION

CA no.	Jurisdiction	Name	Type	Date	Status	Longitude	Latitude	Source & ref. no.
CA3	Wales	Heavy anti-aircraft battery (Scheduled Monument)	Structure	Modern	Live	-5.063615	51.66574	RCAHMW 270761 Cadw PE494
CA4	Wales	Weapons pit	Structure	Modern	Dead	-5.066337	51.66438	RCAHMW 270760 Dyfed HER 33440
CA6a CA6b	Wales	<i>Empire Beacon</i>	Wreck	Modern (1942)	Live	-5.30495	51.62373	OceanWise 1001695326 RCAHMW 506367
CA7	Wales	Submerged forest, Freshwater West	Site	Mesolithic	Live / Lifted	-5.060436	51.65723	RCAHMW 524740
CA10	Wales	<i>Ribicia</i>	Wreck	Modern (1929)	Dead	-5.62233	51.6419	RCAHMW 506493
CA11	Wales	<i>Young King</i>	Wreck	Post Medieval	Dead	-5.61243	51.6430	RCAHMW 518310

CA no.	Jurisdiction	Name	Type	Date	Status	Longitude	Latitude	Source & ref. no.
CA12	Wales	Seabed anomaly (man-made origin)	Find	Post Medieval	Dead	-5.35055	51.6494	RCAHMW 525235
CA18	Wales	Hurst	Wreck	Modern (1917)	Live	-5.34476	51.68934	OceanWise 1001695614 RCAHMW 273165
CA19	Wales	Unnamed wreck	Wreck	Unknown	Live	-5.33725	51.68377	OceanWise 1001826800
CA20	Wales	Porthole find, off Stokholm Island	Findspot	Unknown	Lifted	-5.35004	51.68442	RCAHMW 240749 RoW RCIM6/2/5
CA21	Wales	Unnamed site	Unknown	Unknown	Dead	-5.49143	51.68584	RCAHMW 506342
CA22	Wales	Unnamed wreck	Wreck	Unknown	Dead	-5.49177	51.68745	OceanWise 1001705787
CA23	Wales	Bristol Beaufighter VIF X8134	Aircraft	Modern (1943)	Dead	-5.66752	51.67118	OceanWise 1001705787

APPENDIX B: GEOPHYSICAL ANOMALIES OF LOW TO MEDIUM ARCHAEOLOGICAL POTENTIAL

Proposed AEZ radius of geophysical anomalies of low to medium archaeological potential are tabulated below (Table B.1) and illustrated in Figures B.1-60.

Table B.1 Geophysical anomalies of low to medium archaeological potential

Anomaly ID	Easting WGS84 UTM 30N	Northing WGS84 UTM 30N	Description	Archaeological Potential	Proposed AEZ Radius (m)
CA_2001	238322	5787591	Mag Anomaly M_SB_B1_0005 (207nT)	Medium	10
CA_2002	238365	5787591	Mag Anomaly M_SB_B1_0006 (62nT)	Medium	10
CA_2003	238386	5787591	Mag Anomaly M_SB_B1_0008 (55nT) and SSS S_SB_B1_5340 (1.5 x 1.2 x 0.6m)	Medium	10
CA_2004	238410	5787594	Mag Anomaly M_SB_B1_0009 (173nT)	Medium	10
CA_2005	238475	5787663	Mag Anomaly M_SB_B1_0010 (30nT)	Medium	5
CA_2006	238825	5788057	Mag Anomaly M_SB_B1_0013 (15nT)	Medium	5
CA_2007	238858	5787799	Mag Anomaly M_SB_B1_0014 (24nT) and SSS S_SB_B1_0082	Medium	10
CA_2008	239240	5788036	Mag Anomaly M_SB_B1_0015 (30nT) and associated SSS anomaly (1.5 x 1m)	Medium	15
CA_2009	239466	5788057	Mag Anomaly M_SB_B1_0017 (686nT) and SSS S_SB_B1_0141	Medium	20
CA_2010	240879	5784038	Mag Anomaly M_FR_B2_0025 (27nT)	Medium	10
CA_2011	240680	5783481	Mag Anomalies M_FR_B2_0022 (20nT) and M_FR_B2_0023 (12nT) and SSS Anomalies S_FR_B2_5254 (1.2x0.4x0.7m) and S_FR_B2_5255 (0.7x0.7x0.5m)	Medium	25
CA_2012	240644	5783397	Mag Anomaly M_FR_B2_0021 (233nT) and SSS Anomaly S_FR_B2_RA_0019 (4.1x3.9x0.7m)	Medium	20
CA_2013	240621	5781370	SSS Anomalies S_FR_B2_5245 (1.4x1x1m), S_FR_B2_5246 (4.5x1.5x0.6m) and S_FR_B2_5248 (1x0.8x0.7m)	Medium	25

Anomaly ID	Easting WGS84 UTM 30N	Northing WGS84 UTM 30N	Description	Archaeological Potential	Proposed AEZ Radius (m)
CA_2014	240710	5777664	SSS Anomaly S_FR_B2_5215 (8.7x3.7x0.4m) within bathymetric depression measuring 28x15m	Medium	25
CA_2015	240907	5776850	SSS Anomaly S_FR_B2_5214 (5.5x1m)) within bathymetric depression measuring 10x1m	Medium	10
CA_2016	240936	5776818	SSS Anomaly S_FR_B2_5213 (7x2m) within bathymetric depression measuring 14x1m	Medium	10
CA_2017	240513	5776094	Mag Anomaly M_FR_B2_0020 (63nT)	Medium	15
CA_2018	240783	5775285	SSS S_FR_B2_5212 (1.3x0.6m)	Medium	10
CA_2019	242331	5772325	SSS Anomaly S_FR_B2_5210 (1x0.9x0.6m)	Medium	10
CA_2020	245745	5766840	Mag Anomaly M_FR_B2_0027 (39nT)	Medium	10
CA_2021	245507	5766633	SSS Anomaly S_FR_B2_5207 (1.1x0.8x0.3m) within bathymetric depression measuring 19x12m	Low	10
CA_2022	247677	5761990	Mag Anomaly M_FR_B2_0029 (28nT)	Low	10
CA_2023	247987	5760881	SSS Anomaly S_FR_B2_5203 (2.9x1x0.1m)	Medium	20
CA_2024	248002	5760789	SSS Anomaly S_FR_B2_5202 (1.3x1.7x0.5m)	Medium	20
CA_2025	249454	5756980	Mag Anomaly M_FR_B2_0032 (23nT) and slight bathymetric depression 8x6m	Medium	15
CA_2026	252508	5753304	Mag Anomaly M_FR_B2_0034 (20nT) and SSS Anomalies S_FR_B2_5190 (1.4x1m) and S_FR_B2_5191 (1.4x1.4x0.5m)	Medium	25
CA_2027	252928	5752230	SSS Anomaly S_FR_B2_5186 (1.2x0.8x0.2m)	Low	10
CA_2028	253990	5749814	Mag Anomaly M_FR_B2_0039 (32nT)	Low	10
CA_2029	254600	5748569	SSS Anomaly S_FR_B3_5180 (1.2x0.8x0.5m)	Low	10
CA_2030	254656	5748509	SSS Anomaly S_FR_B3_5179 (2x1.6m)	Low	10
CA_2031	254697	5748369	SSS Anomaly S_FR_B3_5176 (1.5x0.9x0.3m)	Low	10

Anomaly ID	Easting WGS84 UTM 30N	Northing WGS84 UTM 30N	Description	Archaeological Potential	Proposed AEZ Radius (m)
CA_2032	254888	5748141	Mag Anomaly 87 (line LMag_ROT_V_0437_MMT_953_GRL_FR_MAG_R_A_GEO_S205_ALL) and SSS Anomaly S_FR_B3_5173 (3.4m)	Medium	15
CA_2033	254566	5748002	Mag Anomaly M_FR_B3_0040 (65nT)	Medium	10
CA_2034	255631	5746412	Mag Anomaly M_FR_B3_0041 (115nT) and SSS Anomaly S_FR_B3_5166 (1.8x1.4x0.3m)	Medium	25
CA_2035	256337	5744279	Mag Anomaly 2 (line LMag_ROT_V_0420_MMT_953_GRL_FR_MAG_R_A_GEO_P150_0006-0011) and 45 (line LMag_ROT_V_0420_MMT_953_GRL_FR_MAG_R_A_GEO_P150_0001-0006): 7.5nT	Low	10
CA_2036	259278	5739623	Mag Anomaly 42 (1180nT) and 43 (37nT) (line LMag_ROT_V_0433_MMT_953_GRL_FR_MAG_R_A_GEO_S75_ALL)	Medium	30
CA_2037	259751	5739325	Mag Anomaly 80 (178nT) (line LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_-_ALL)	Medium	10
CA_2038	261303	5738535	SSS Anomaly S_FR_B3_5159 (4.7x1.7m)	Low	10
CA_2039	265426	5735531	Mag Anomaly 18 (30nT) (Line: LMag_ROT_V_0421_MMT_953_GRL_FR_MAG_R_A_GEO_P75_-_ALL)	Low	10
CA_2040	268207	5733432	Mag Anomaly 78 (1272nT) (Line LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_-_ALL). Surveyors note this could possibly environmental noise	Medium	20
CA_2041	268969	5733549	Mag Anomaly 39 (97nT) (Line LMag_ROT_V_0433_MMT_953_GRL_FR_MAG_R_A_GEO_S75_ALL)	Medium	15
CA_2042	272473	5732814	SSS Anomaly S_FR_B3_5154 (2.8x1.7x1m) and associated bathymetric depression (6x3m)	Medium	20

Anomaly ID	Easting WGS84 UTM 30N	Northing WGS84 UTM 30N	Description	Archaeological Potential	Proposed AEZ Radius (m)
CA_2043	272386	5732534	Mag Anomaly 73 (645nT) (line: LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_- _ALL). Surveyors note this could possibly environmental noise	Medium	15
CA_2044	272455	5732520	Mag Anomaly 72 (2367nT) (line: LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_- _ALL). Surveyors note this could possibly environmental noise	Medium	15
CA_2045	272599	5732486	Mag Anomaly 71 (321nT) (line: LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_- _ALL). Surveyors note this could possibly environmental noise	Medium	15
CA_2046	273182	5732571	Linear alignment of Magnetic Anomalies M_FR_B3_0054-60 (11-43nT) running between 273060 5732386 and 273291 5732756. Probably a cable but not visible in SSS, bathymetric or intersecting SBP.	Medium	15
CA_2047	276108	5732177	SSS Anomaly S_FR_B3_5152 (3x3m)	Medium	20
CA_2048	278131	5731585	Mag Anomaly 31 (66nT) (line LMag_ROT_V_0433_MMT_953_GRL_FR_MAG_R_A_GEO_S75_ALL)	Low	10
CA_2049	278052	5731317	Mag Anomaly 68 (633nT) (line LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_- _ALL). Surveyors note this could possibly environmental noise	Low	10
CA_2050	279995	5730901	Mag Anomaly 67 (102nT) (line: LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_- _ALL)	Low	10
CA_2051	280227	5730851	Mag Anomaly 66 (863nT) (line: LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_- _ALL). Surveyors note this could possibly environmental noise	Low	10
CA_2052	281081	5730668	Mag Anomaly 65 (1248nT) (line: LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_- _ALL). Surveyors note this could possibly environmental noise	Low	10

Anomaly ID	Easting WGS84 UTM 30N	Northing WGS84 UTM 30N	Description	Archaeological Potential	Proposed AEZ Radius (m)
CA_2053	281118	5730660	Mag Anomaly 64 (1220nT) (line: LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_-_ALL). Surveyors note this could possibly environmental noise	Low	10
CA_2054	281337	5730614	Mag Anomaly 63(1104nT) (line: LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_-_ALL). Surveyors note this could possibly environmental noise	Low	10
CA_2055	281616	5730553	Mag Anomaly 62 (604nT) (line: LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_-_ALL). Surveyors note this could possibly environmental noise	Low	10
CA_2056	281892	5730494	Mag Anomaly 60 (155nT) (line: LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_-_ALL). Surveyors note this could possibly environmental noise	Low	10
CA_2057	281950	5730482	Mag Anomaly 59 (543nT) (line: LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_-_ALL). Surveyors note this could possibly environmental noise	Low	10
CA_2058	282594	5730455	SSS Anomaly S_FR_B3_5146 (4.7x1.4m)	Medium	15
CA_2059	282663	5730329	Mag Anomaly 57 (1916nT) (line: LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_-_ALL). Surveyors note this could possibly environmental noise	Low	10
CA_2060	283236	5730206	Mag Anomaly 56 (353nT) (line: LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_-_ALL). Surveyors note this could possibly environmental noise	Low	10
CA_2061	284188	5730002	Mag Anomaly 54 (1946nT) (line: LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_-_ALL). Surveyors note this could possibly environmental noise	Low	10
CA_2062	285780	5729945	SSS Anomaly S_FR_B4_5138 (24x1.9m)	Medium	20

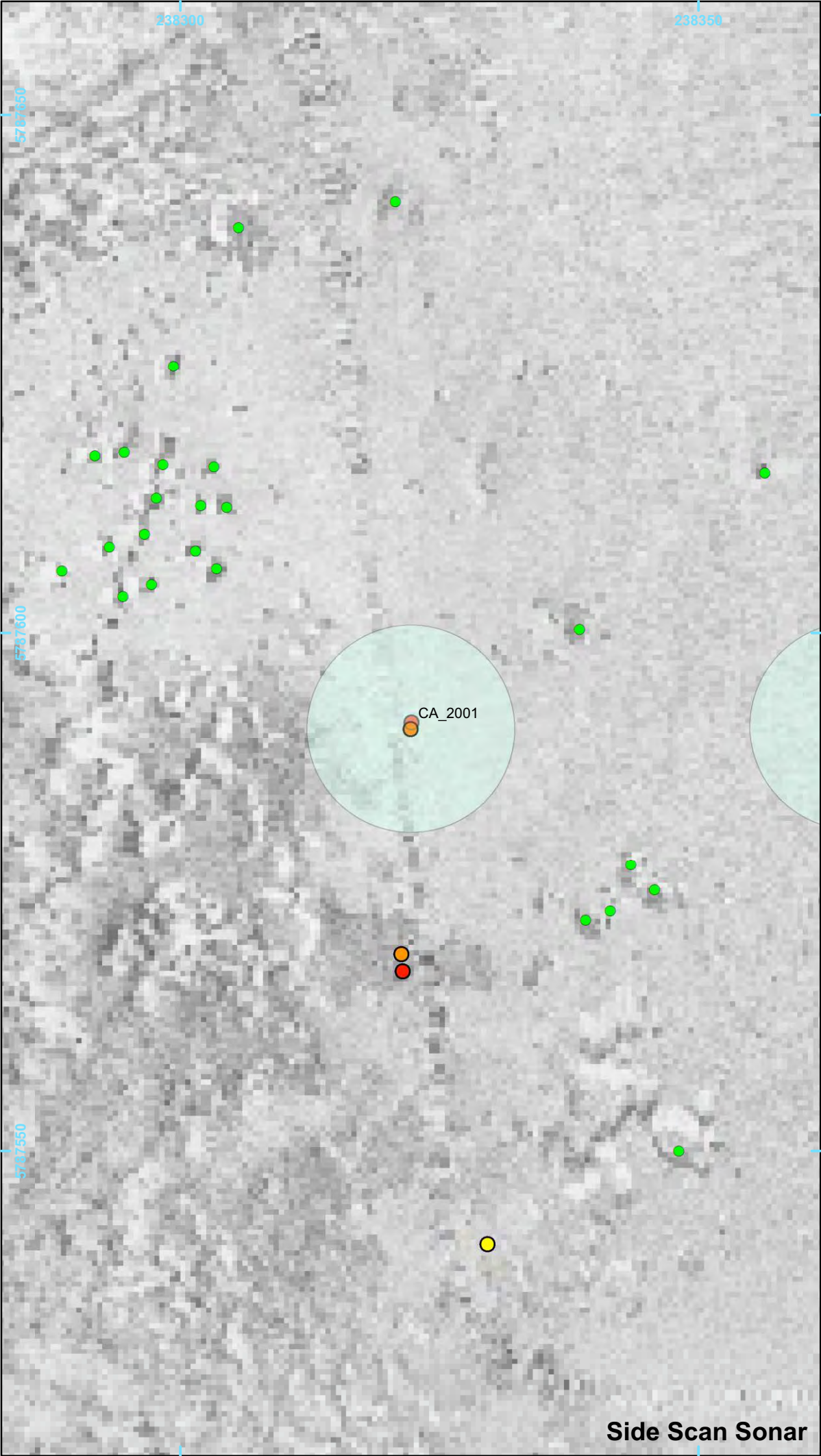
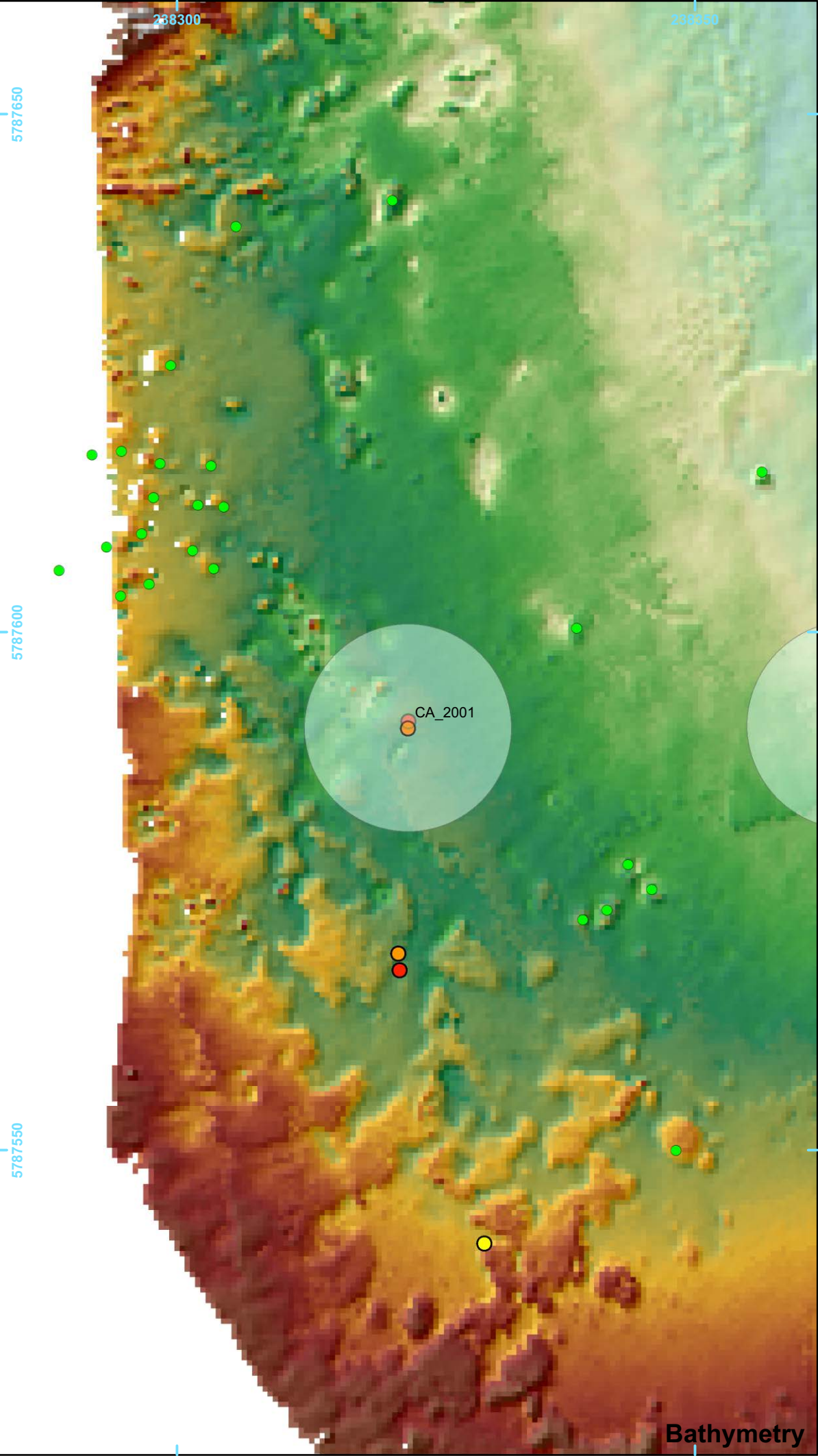
Anomaly ID	Easting WGS84 UTM 30N	Northing WGS84 UTM 30N	Description	Archaeological Potential	Proposed AEZ Radius (m)
CA_2063	286018	5729689	SSS Anomaly S_FR_B4_5136 (4x0.6m)	Medium	20
CA_2064	286984	5729403	SSS Anomaly S_FR_B4_5133 (3x0.4m)	Medium	15
CA_2065	288056	5729539	SSS Anomaly S_FR_B4_5124 (1.7x2m)	Medium	15
CA_2066	288768	5729058	SSS Anomaly S_FR_B4_5116 (1.7x2.2m)	Low	10
CA_2067	289465	5729018	SSS Anomaly S_FR_B4_5108 (4.7x0.6x0.1m))	Low	10
CA_2068	289710	5728894	SSS Anomaly S_FR_B4_5102 (2.6x0.6m)	Low	10
CA_2069	289912	5728845	SSS Anomaly S_FR_B4_5094 (1.8x1.8m) and S_FR_B4_5096 (2.7x0.8m))	Medium	20
CA_2070	289868	5728739	SSS Anomaly S_FR_B4_5097 (2.6x0.6m)	Low	10
CA_2071	289928	5728901	SSS Anomaly S_FR_B4_5095 (2.3x0.7x0.1m)	Low	10
CA_2072	290041	5729031	Mag Anomaly M_FR_B4_0064 (37nT)	Low	10
CA_2073	290417	5728952	Mag Anomaly M_FR_B4_0065 (28nT)	Low	10
CA_2074	291054	5728625	SSS Anomaly S_FR_B4_5085 (5.9x0.6m)	Medium	15
CA_2075	292487	5728623	Mag Anomaly M_FR_B4_0067 (80nT)	Low	10
CA_2076	302042	5727323	SSS Anomaly S_FR_B4_5028 (1.6x0.5m)	Low	10
CA_2077	302793	5726910	SSS Anomaly S_FR_B4_5003 (7.8x1.4m)	Low	15
CA_2078	303371	5726860	SSS Anomaly S_FR_B4_4978 (11x0.9m)	Low	12
CA_2079	303715	5726808	SSS Anomaly S_FR_B4_4949 (4.6x0.3m)	Low	10
CA_2080	303921	5726825	SSS Anomaly S_FR_B4_4932 (4.2x0.6m) and S_FR_B4_4934 (10x0.8m)	Medium	20
CA_2081	305354	5726848	SSS Anomaly S_FR_B4_4869 (0.8x0.8m)	Low	10
CA_2082	306173	5726513	SSS Anomaly S_FR_B4_4837 (1.8x1m) – possible cable	Low	25

Anomaly ID	Easting WGS84 UTM 30N	Northing WGS84 UTM 30N	Description	Archaeological Potential	Proposed AEZ Radius (m)
CA_2083	307222	5726617	SSS Anomaly S_FR_B4_4771 (8.3x1.8m)	Low	15
CA_2084	307234	5726505	SSS Anomaly S_FR_B4_4765 (1.4x1x0.4m) and S_FR_B4_4766 (4.2x1.2x0.4m)	Medium	10
CA_2085	307297	5726621	Mag Anomaly M_FR_B4_0079 (28nT) and SSS S_FR_B4_4760 (3x1.5x0.6m)	Medium	20
CA_2086	309351	5726550	SSS Anomaly S_FR_B4_4686 (3x0.7x0.6m)	Low	10
CA_2087	311932	5726205	SSS Anomaly S_FR_B4_4578 (2x1x0.4m) and S_FR_B4_4579 (3.7x1x0.5m)	Low	10
CA_2088	313925	5726343	SSS Anomaly S_FR_B4_4436 (12.4x0.7x0.7m)	Low	15
CA_2089	314540	5726162	SSS Anomaly S_FR_B4_4411 (3.4x0.3x0.7m)	Low	10
CA_2090	314691	5726459	SSS Anomaly S_FR_B4_4397 (1x0.8x0.5m) and S_FR_B4_4398 (3.6x0.7x0.6m)	Low	10
CA_2091	314864	5726386	SSS Anomaly S_FR_B4_4386 (3.4x0.6x0.4m)	Low	10
CA_2092	315834	5726531	SSS Anomaly S_FR_B4_4334 (5.5x0.8x0.4m)	Low	10
CA_2093	317457	5726088	SSS Anomaly S_FR_B4_4328 (14.3x1.1m)	Low	18
CA_2094	319171	5725939	SSS Anomaly S_FR_B4_4283 (3.8x0.8x0.2m)	Low	10
CA_2095	320269	5725795	SSS Anomaly S_FR_B4_4254 (18.8x3.4x0.6m)	Low	20
CA_2096	322833	5725690	Mag Anomaly M_FR_B4_0084 (90nT)	Low	15
CA_2097	324624	5725607	SSS Anomaly S_FR_B4_4093 (4.5x0.9x0.3m)	Low	10
CA_2098	328898	5725020	Mag Anomaly M_FR_B5_0088 (10nT) and SSS Anomalies S_FR_B5_3249 (2.2x1.6x0.3m) and S_FR_B5_3250 (2.3x1.6x0.6m)	Medium	20
CA_2099	328903	5724641	SSS Anomalies S_FR_B5_3227 (2.4x1.2x0.4m), S_FR_B5_3229 (3x1x0.5m) and S_FR_B5_3233 (0.5x0.4x0.3m)	Medium	20

Anomaly ID	Easting WGS84 UTM 30N	Northing WGS84 UTM 30N	Description	Archaeological Potential	Proposed AEZ Radius (m)
CA_2100	330169	5724757	Mag Anomaly M_FR_B5_0092 (21nT) and SSS Anomaly S_FR_B5_3073 (4.7x2.2x0.8m)	Medium	15
CA_2101	331090	5724881	Mag Anomaly M_FR_B5_0093 (35nT)	Low	10
CA_2102	331221	5724881	Mag Anomaly M_FR_B5_0094 (21nT) and SSS Anomaly S_FR_B5_2789 (0.6x1.2x0.2m)	Medium	10
CA_2103	331314	5724874	Mag Anomaly M_FR_B5_0095 (12nT) and SSS Anomalies S_FR_B5_2779 (4.7x1.9x0.4m) and S_FR_B5_2780 (0.6x0.6x0.2m)	Medium	15
CA_2104	331691	5724937	Mag Anomaly M_FR_B5_0097 (15nT) and SSS Anomaly S_FR_B5_2691 (1x1.1m)	Medium	15
CA_2105	331779	5724944	Mag Anomaly M_FR_B5_0098 (10nT) and SSS Anomalies S_FR_B5_2666 (1.8x1.4x0.1m) and S_FR_B5_2667 (2.9x1.6x0.1m)	Medium	20
CA_2106	331963	5724783	Mag Anomaly M_FR_B5_0099 (39nT)	Low	10
CA_2107	334027	5724698	SSS Anomaly S_FR_B5_2470 (4.2x3.7x1.4m) and discrete bathymetric depression (7x2x1.4m)	Low	10
CA_2108	339904	5725799	Mag Anomaly M_FR_B5_0140 (43nT)	Low	10
CA_2109	342555	5726122	Mag Anomaly M_FR_B5_0165 (69nT) with bathymetric depression 5x4m	Low	10
CA_2110	343297	5726101	SSS Anomaly S_FR_B5_0672 (3x1.5x0.5m) with bathymetric depression 8x6m	Low	10
CA_2111	344397	5726068	Mag Anomaly M_FR_B5_0173 (26nT)	Low	10
CA_2112	344540	5725990	Mag Anomaly M_FR_B5_0178 (33nT) and SSS S_FR_B5_0554 (5x1.5x0.5m)	Medium	15
CA_2113	344577	5726064	Mag Anomaly M_FR_B5_0180 (54nT)	Low	10
CA_2114	344538	5725832	Mag Anomaly M_FR_B5_0177 (21nT) and SSS S_FR_B5_0553 (2.5x1.3x0.5m)	Medium	20
CA_2115	344958	5726015	Mag Anomaly M_FR_B5_0190 (48nT)	Low	10

Anomaly ID	Easting WGS84 UTM 30N	Northing WGS84 UTM 30N	Description	Archaeological Potential	Proposed AEZ Radius (m)
CA_2116	346355	5725569	SSS Anomaly S_FR_B5_0443 (4.5x2.6x0.6m)	Medium	15
CA_2117	346746	5725610	Mag Anomaly M_FR_B5_0235 (49nT) and SSS S_FR_B5_0439 (1.1x0.9x0.7m)	Medium	20
CA_2118	347825	5724428	Mag Anomaly M_FR_B5_0242 (91nT) and SSS S_FR_B5_0232 (1.1x0.9x0.6m)	Medium	15
CA_2119	348269	5724503	Mag Anomaly M_FR_B5_0245 (51nT) with north-south bathymetric high (25x5m)	Medium	20
CA_2120	348826	5723989	Mag Anomaly M_FR_B5_0252 (57nT)	Low	10
CA_2121	348942	5723833	Mag Anomaly M_FR_B5_0253 (57nT)	Low	10
CA_2122	349318	5723865	Mag Anomaly M_FR_B5_0259 (38nT)	Low	10
CA_2123	349422	5723541	Mag Anomaly M_FR_B5_0263 (76nT)	Low	10
CA_2124	350544	5723612	Mag Anomaly M_FR_B5_0279 (102nT)	Low	10
CA_2125	351413	5723283	Mag Anomaly M_FR_B5_0283 (30nT)	Low	10
CA_2126	353806	5723080	Mag Anomaly M_FR_B5_0289 (52nT)	Low	10
CA_2127	354660	5723545	Mag Anomaly M_FR_B5_0293 (48nT)	Low	10
CA_2128	355103	5724821	Mag Anomaly M_FR_B5_0294 (47nT) and M_SB_B5_0297 (59nT)	Low	15
CA_2129	355523	5724792	Mag Anomaly M_SB_B5_0302 (34nT)	Low	10
CA_2130	355577	5724886	SSS Anomaly S_SB_B5_0002 (2.4x2.2x0.8m)	Low	10
CA_2131	355428	5725009	Mag Anomaly M_SB_B5_0300 (589nT) and M_SB_B5_0301 (18nT)	Medium	15
CA_2132	355638	5725108	Mag Anomaly M_SB_B5_0304 (51nT)	Low	10
CA_2133	355684	5725180	Mag Anomaly M_SB_B5_0305 (39nT)	Low	10
CA_2134	355895	5725302	SSS Anomaly S_SB_B5_0001 (1.7x0.8x0.5m)	Low	10

Anomaly ID	Easting WGS84 UTM 30N	Northing WGS84 UTM 30N	Description	Archaeological Potential	Proposed AEZ Radius (m)
CA_2135	356646	5725107	Mag Anomaly M_SB_B6_0337 (33nT) and 0338 (39nT)	Low	20
CA_2136	356607	5725482	Mag Anomaly M_SB_B6_0336 (56nT)	Low	10
CA_2137	356701	5725470	Mag Anomaly M_SB_B6_0341 (21nT) and 0342 (16nT)	Low	15
CA_2138	356713	5725437	Mag Anomaly M_SB_B6_0343 (27nT)	Low	10
CA_2139	356783	5725269	Mag Anomaly M_SB_B6_0347 (18nT) and 0350 (26nT)	Low	20
CA_2140	356930	5725371	Mag Anomaly M_SB_B6_0351 (22nT)	Low	10
CA_2141	247953	5760544	Mag Anomaly M_FR_B2_0030 (35nT)	Low	10
CA_2142	248948	5757957	SSS Anomaly S_FR_B2_5195 (2.3x1.3m)	Low	10
CA_2143	271734	5732674	Mag Anomaly 74 (624nT) line LMag_ROT_V_0435_MMT_953_GRL_FR_MAG_R_A_GEO_P205_- _ALL). Surveyors note this could possibly environmental noise	Medium	15
CA_2144	292544	5728421	SSS Anomaly S_FR_B4_5071 (3x1m)	Low	10
CA_2145	294845	5728270	SSS Anomaly S_FR_B4_5051 (10x1.4m)	Low	20
CA_2146	297191	5727947	SSS Anomaly S_FR_B4_5047 (3.7x1.7m)	Low	10
CA_2147	293864	5728196	SSS Anomaly S_FR_B4_5063 (4.3x1.8m)	Low	10
CA_2148	292683	5728736	Mag Anomaly M_FR_B4_0069 (21nT) and SSS S_FR_B4_5070 (2.3x1.5m)	Medium	20



Legend

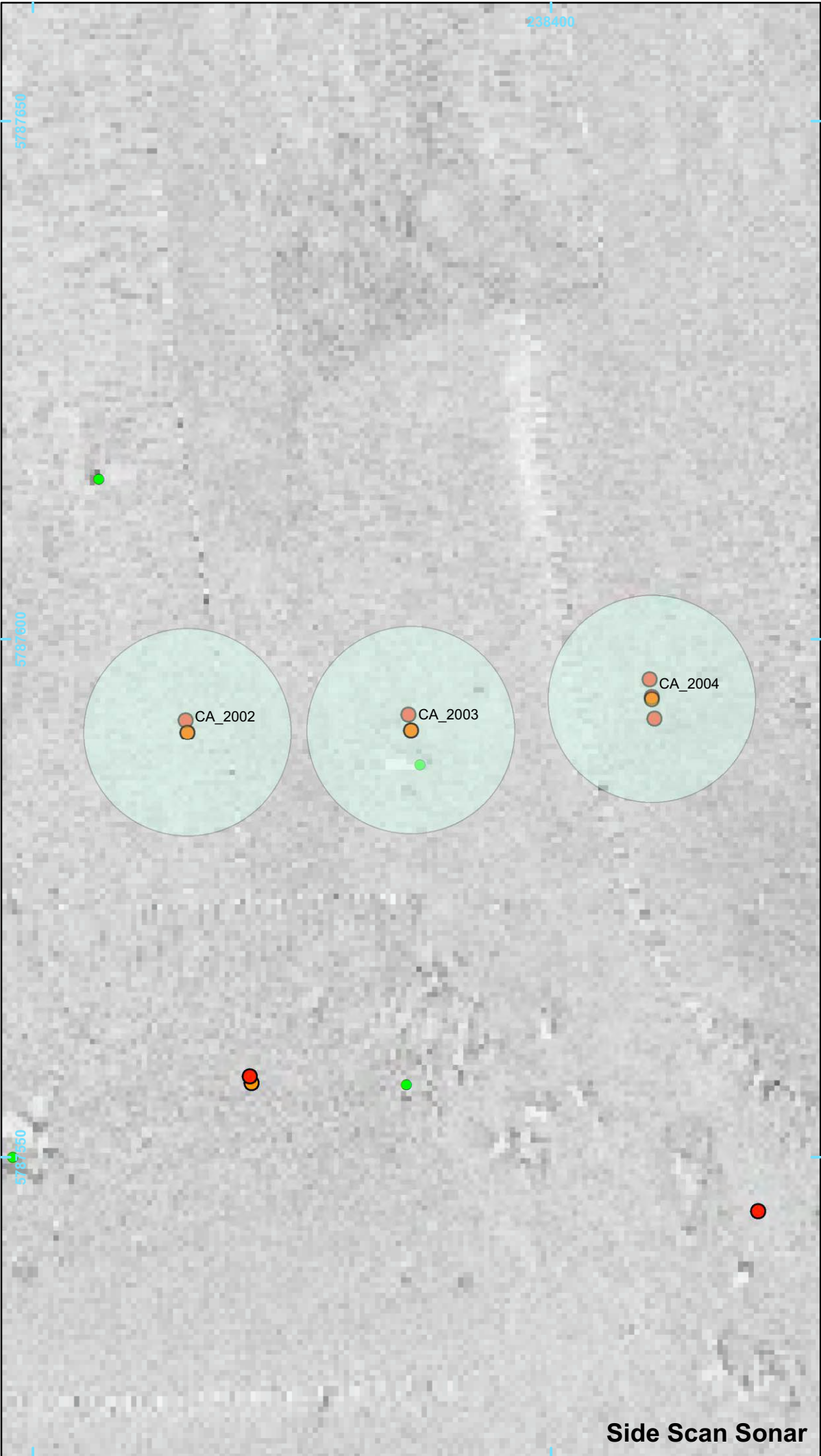
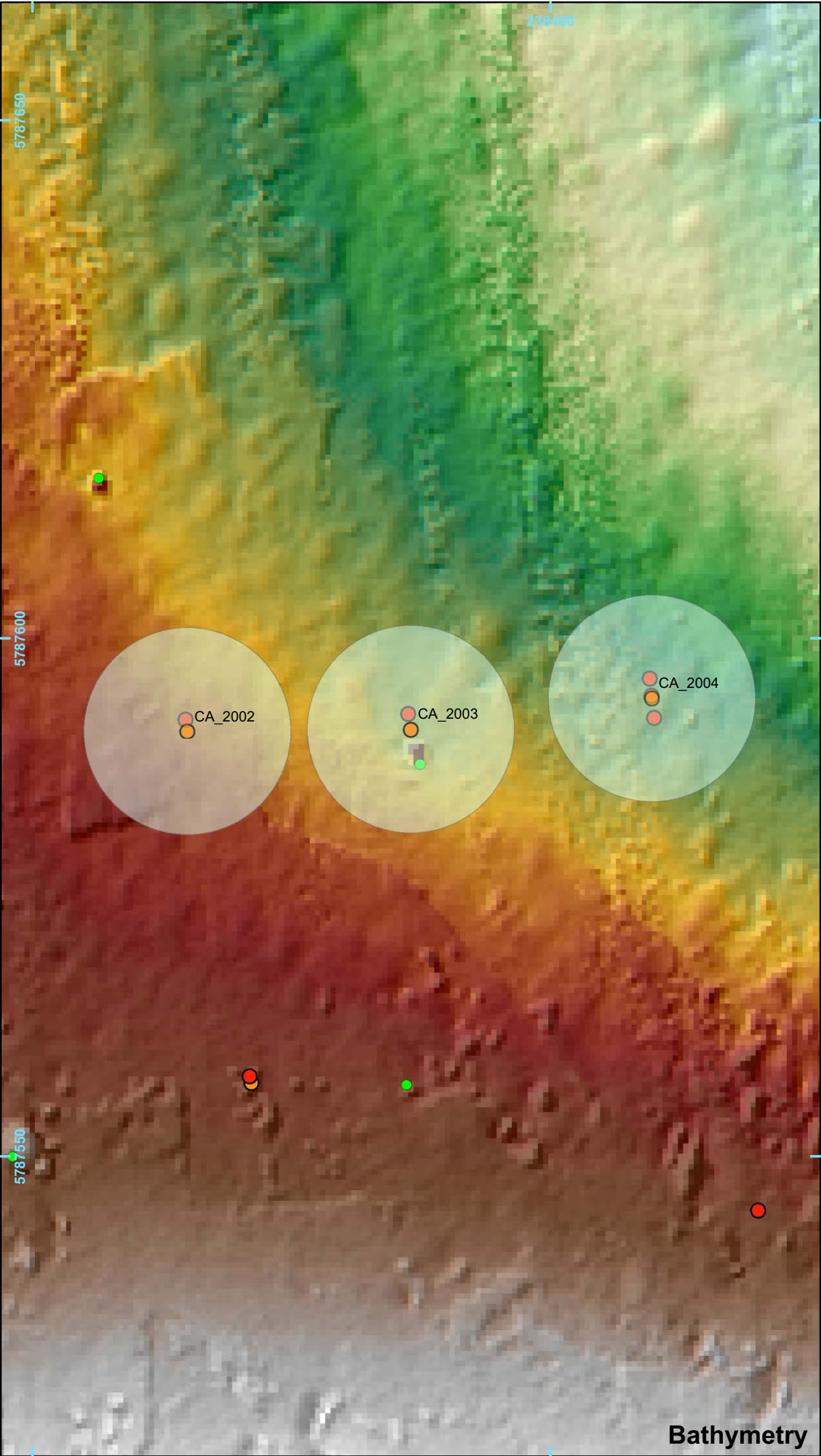
- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -0.89
 - Low : -3.35

0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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N

Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -1.77
 - Low : -4.09

0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

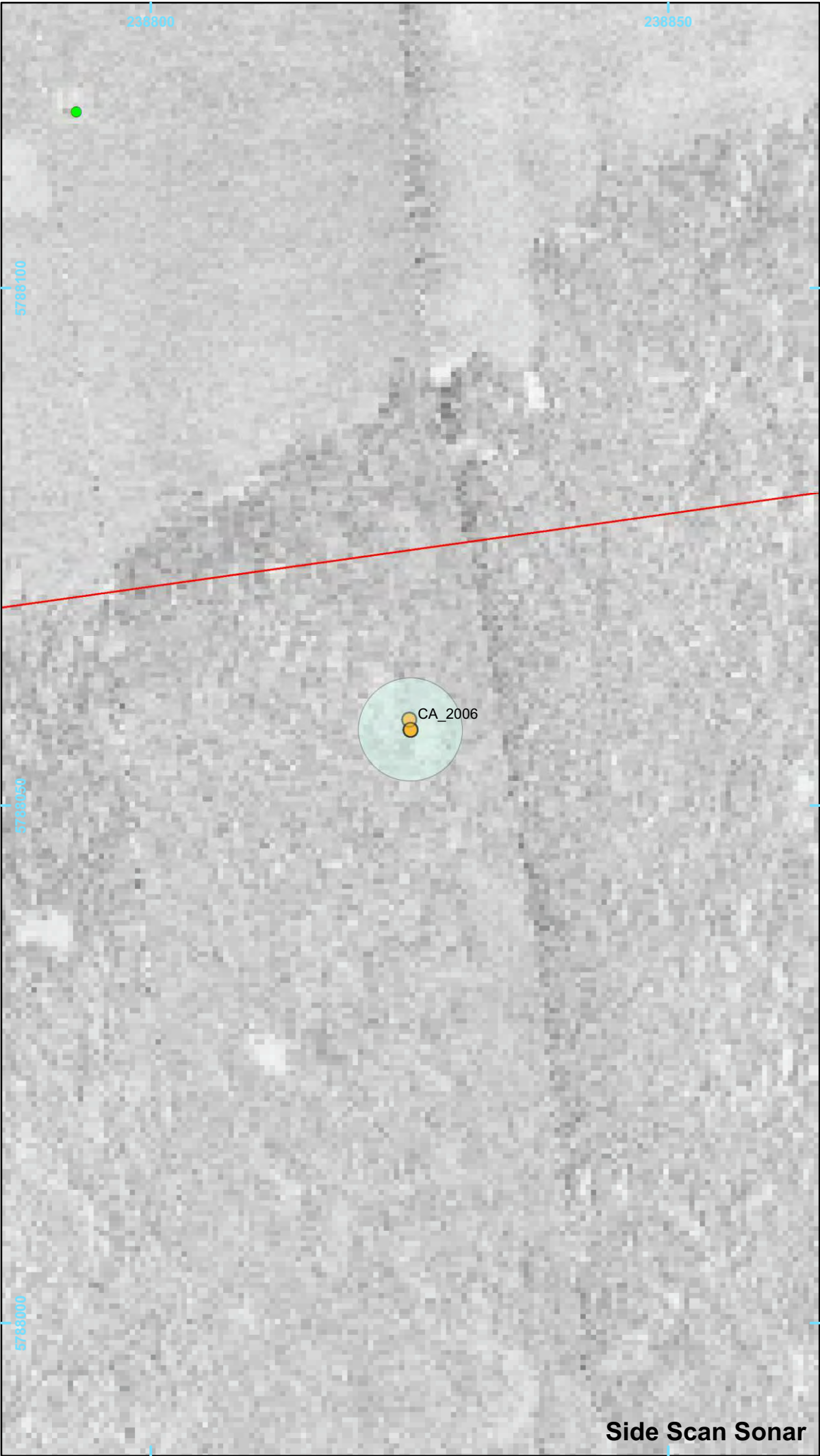
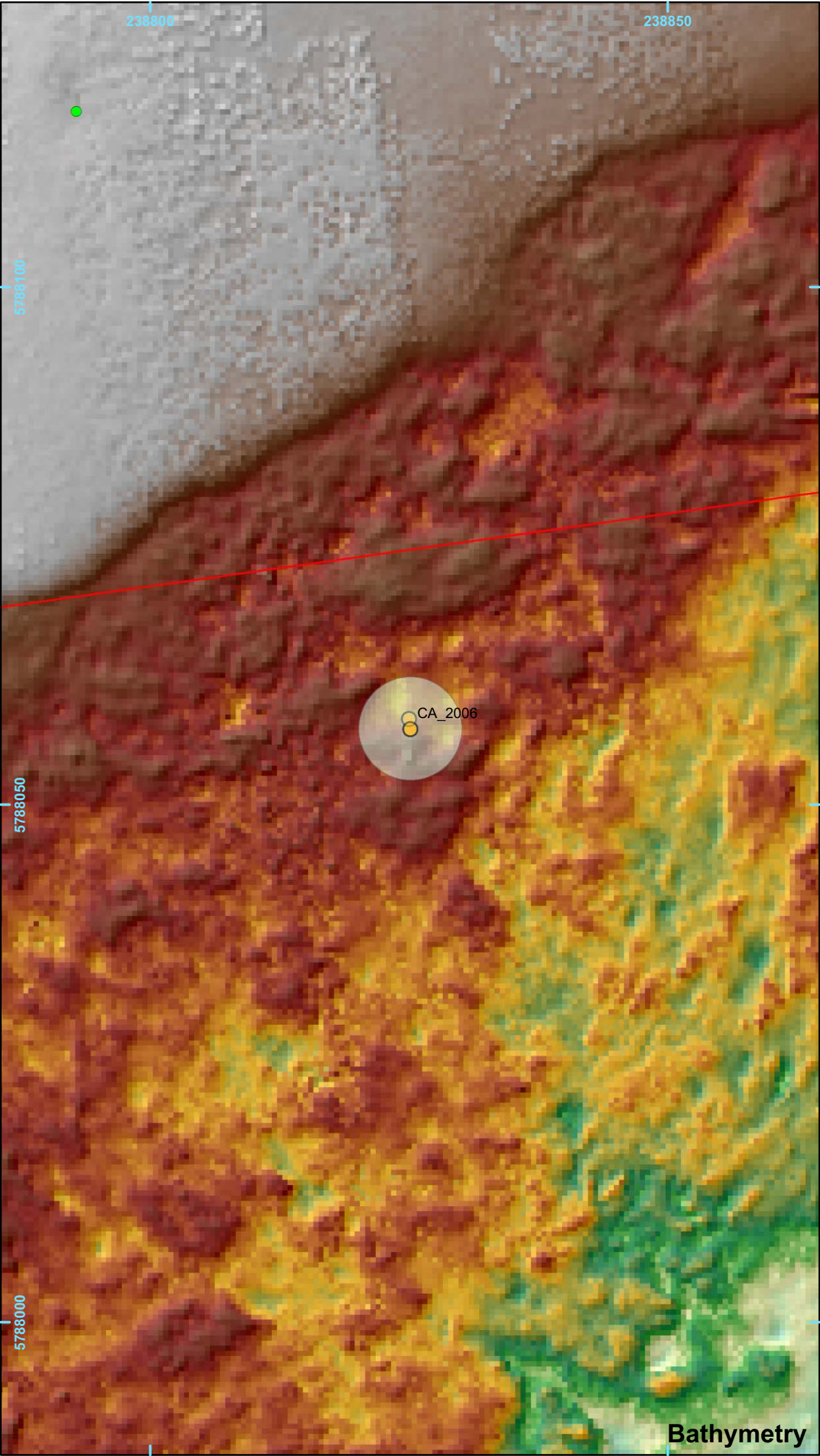
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PROJECT TITLE
Greenlink Interconnector project

FIGURE TITLE
Archaeological Anomaly CA_2003 to CA_2005

DRAWN BY	MJG (UoS)	PROJECT NO	770349	FIGURE NO.
CHECKED BY	RK	DATE	01/04/2019	B.2
APPROVED BY	MW	SCALE@A3	1:500	



Legend

Route Centreline

Route Corridor

Archaeological Anomaly

High

Medium

Low

Archaeological Exclusion Zone

Side Scan Sonar Anomaly

Magnetic Anomaly

0.5 - 2 nT

2 - 5 nT

5 - 10 nT

10 - 25 nT

> 25.0 nT

Bathymetry (mLAT)

High : -9.22

Low : -11.42

0

17.5m

Coordinate System: WGS 1984 UTM Zone 30N

Projection: Transverse Mercator

Datum: WGS 1984

False Easting: 500,000.0000

False Northing: 0.0000

Central Meridian: -3.0000

Scale Factor: 0.9996

Latitude Of Origin: 0.0000

Units: Meter

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PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Archaeological Anomaly CA_2006

DRAWN BY

MJG (UoS)

PROJECT NO

770349

FIGURE NO.

CHECKED BY

RK

DATE

01/04/2019

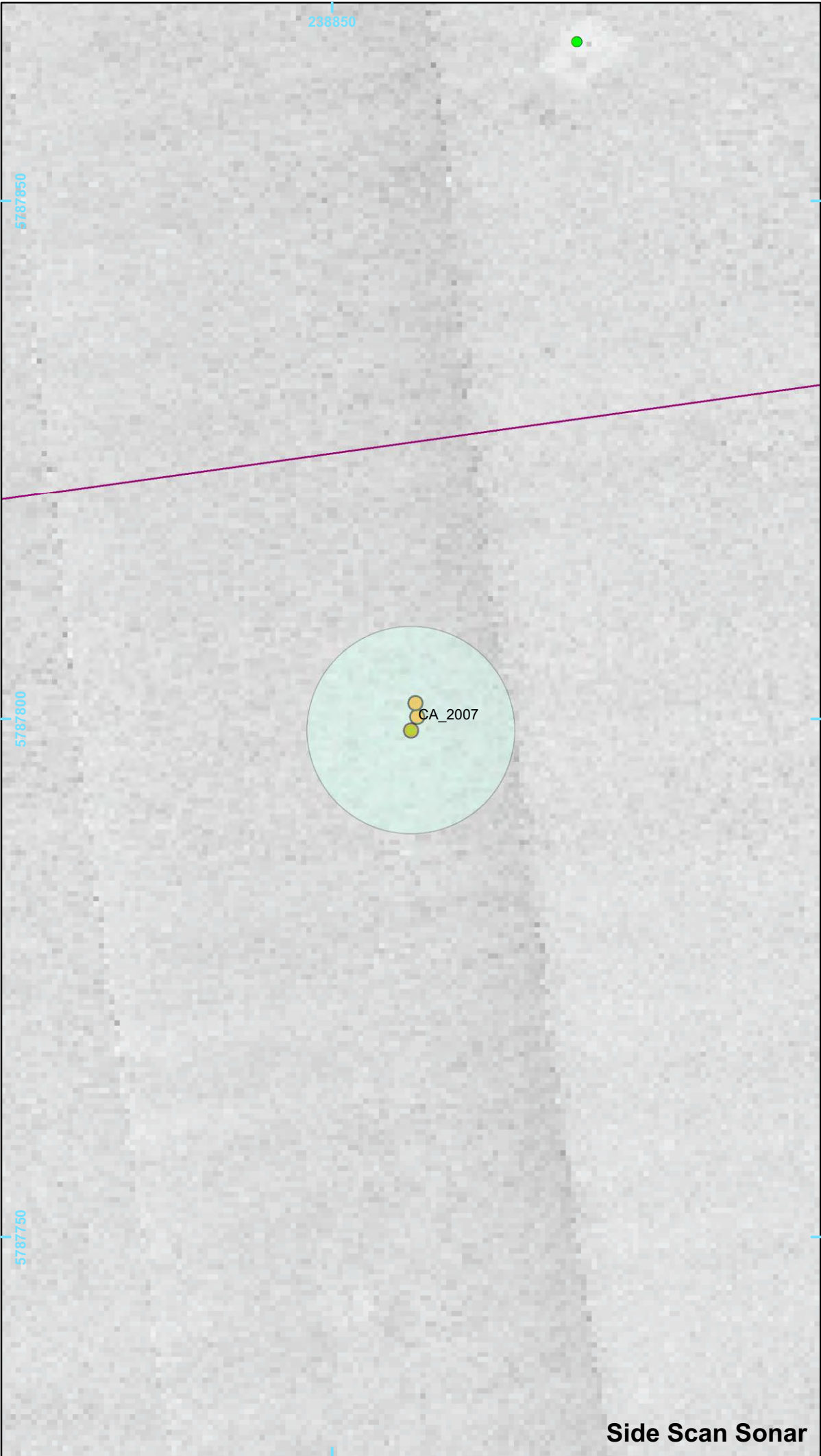
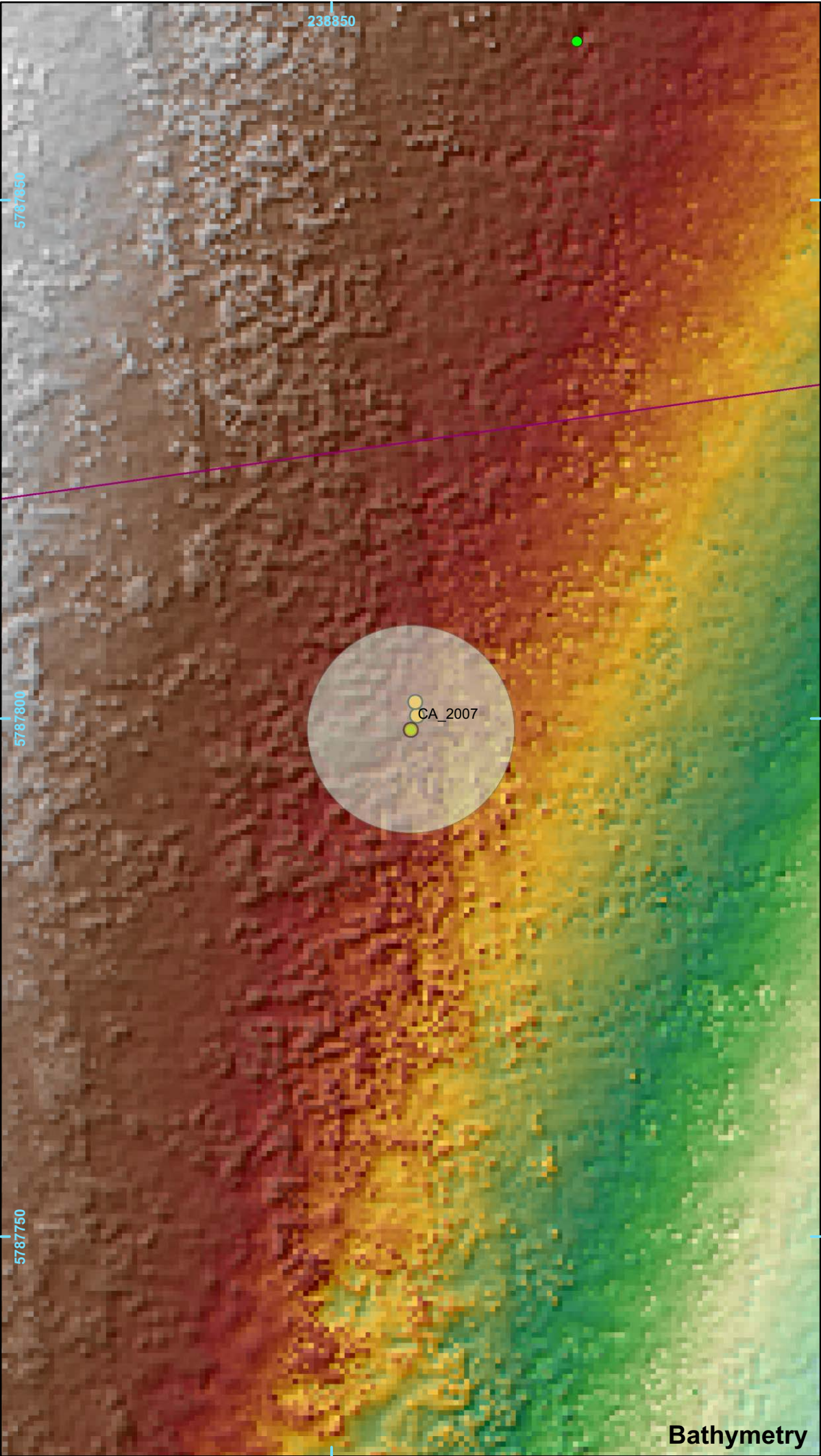
APPROVED BY

MW

SCALE@A3

1:500

B.3



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -11.04
 - Low : -12.31

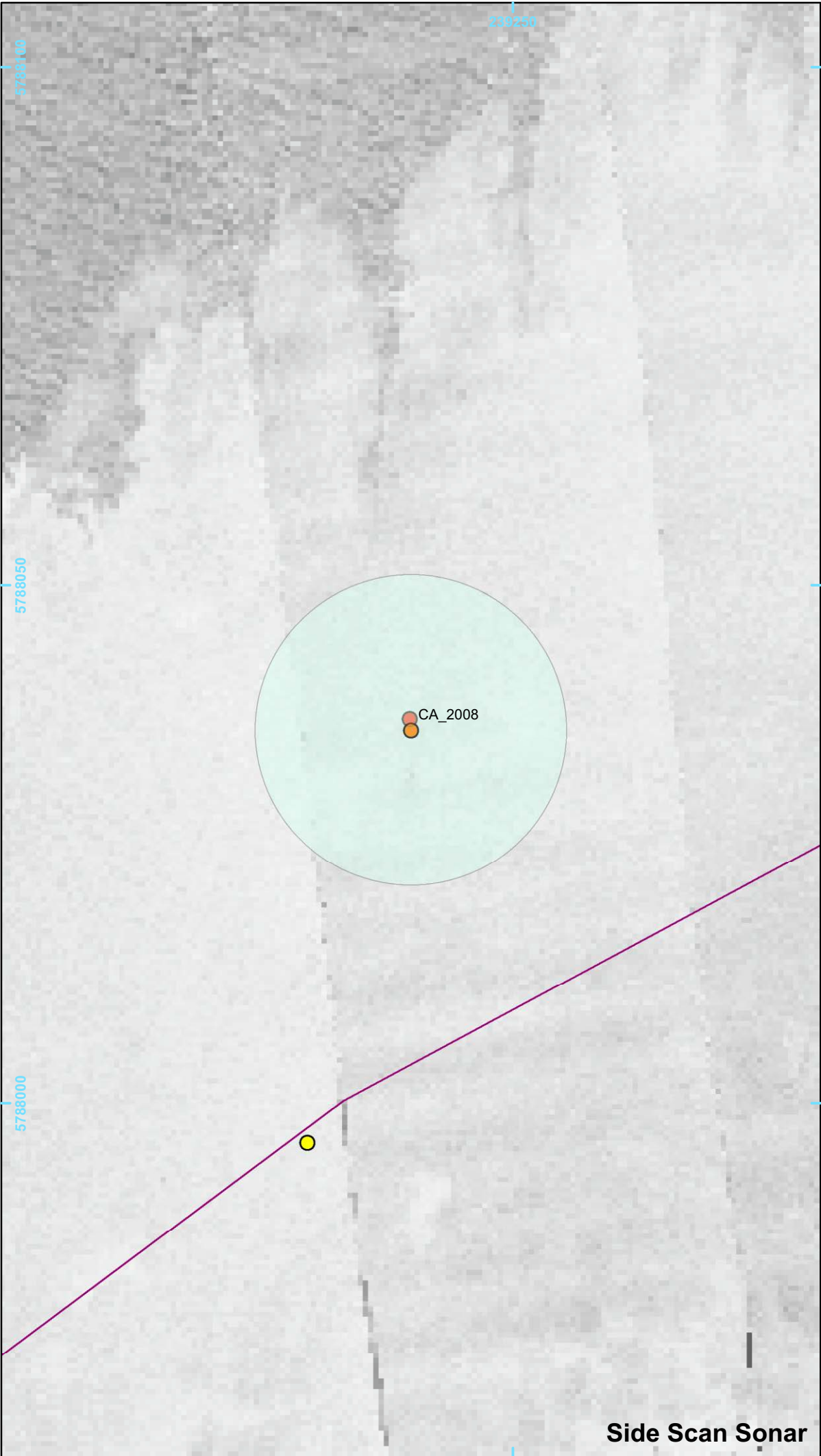
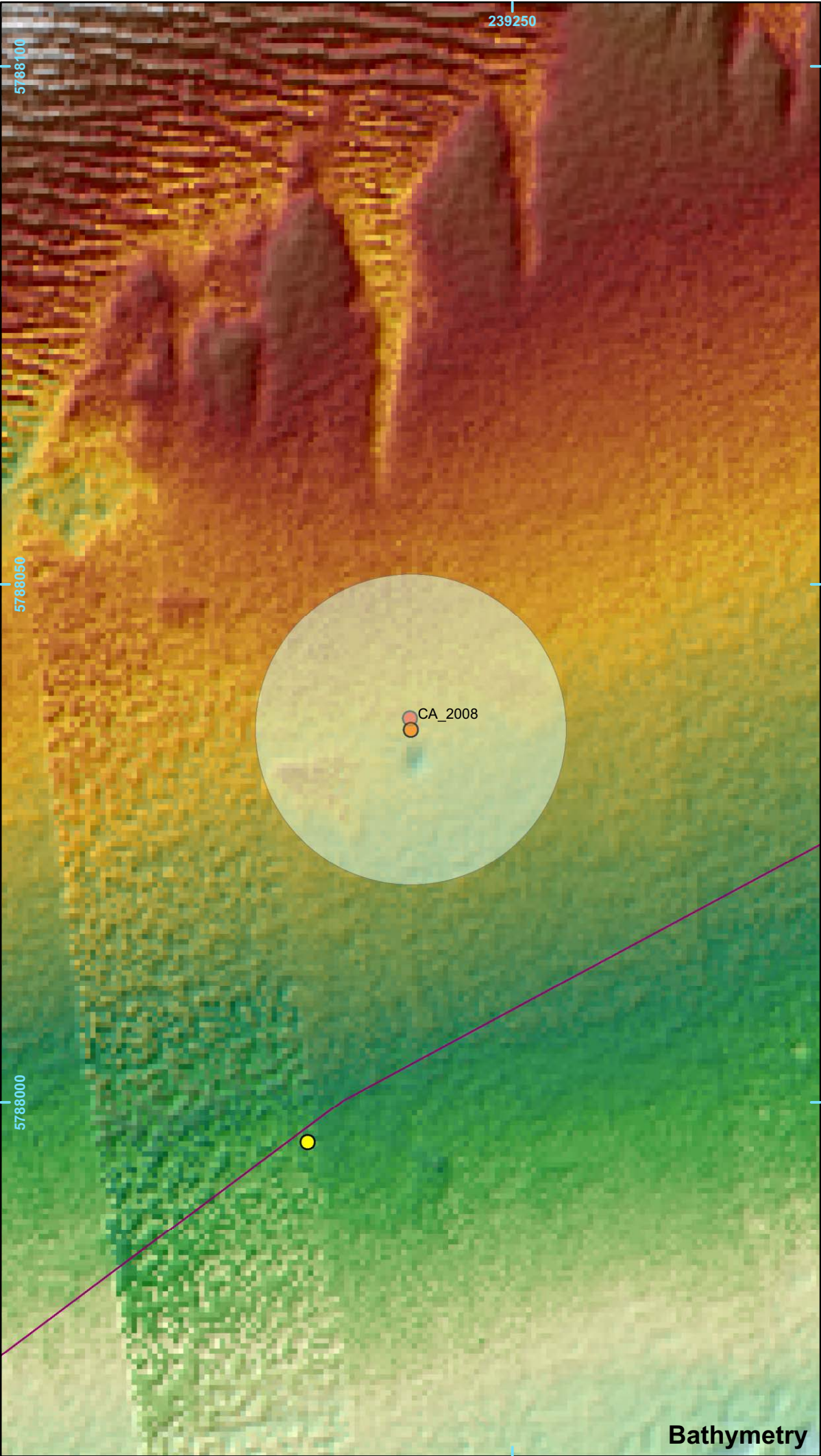
0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -12.52
 - Low : -13.64

0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

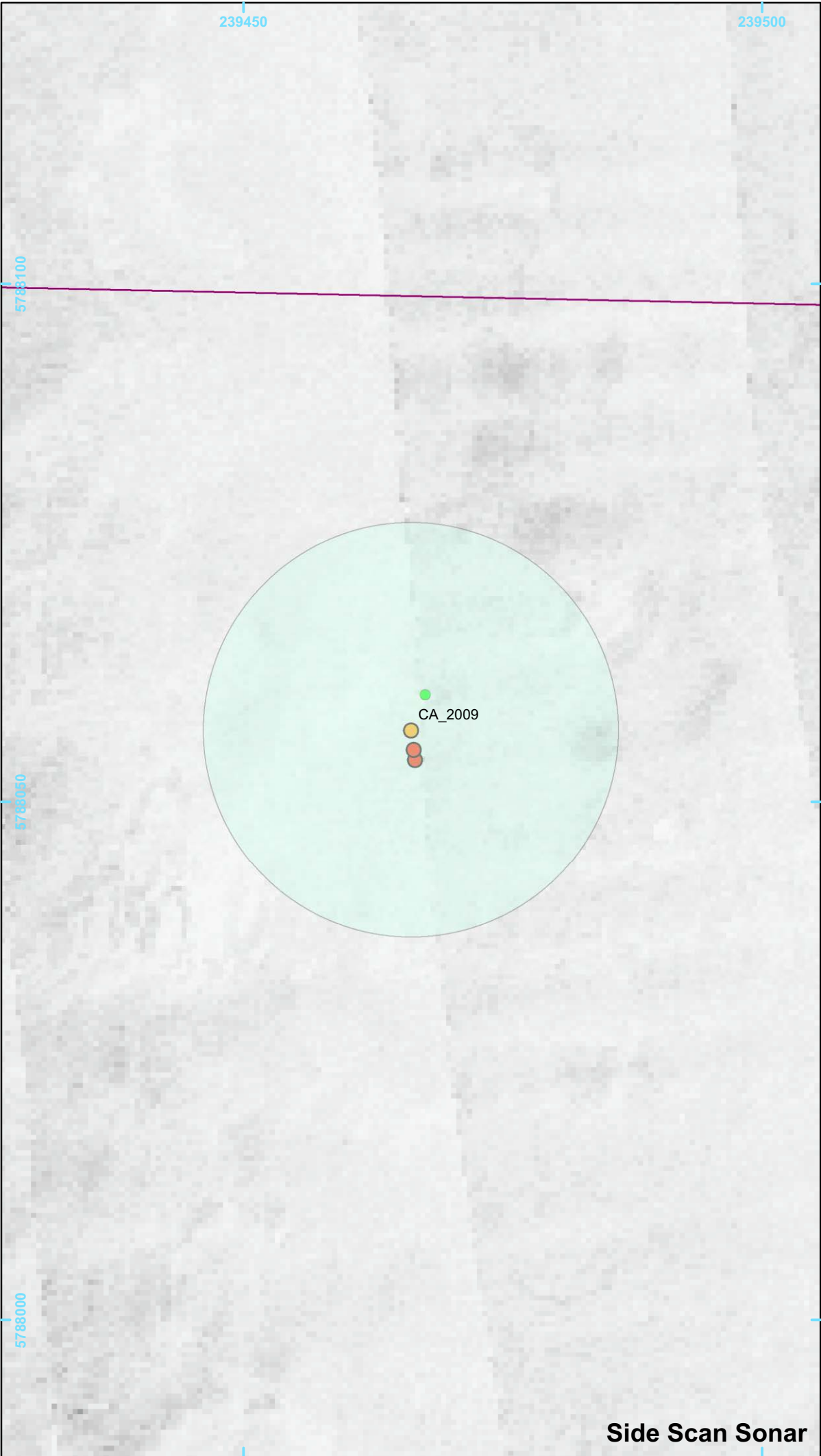
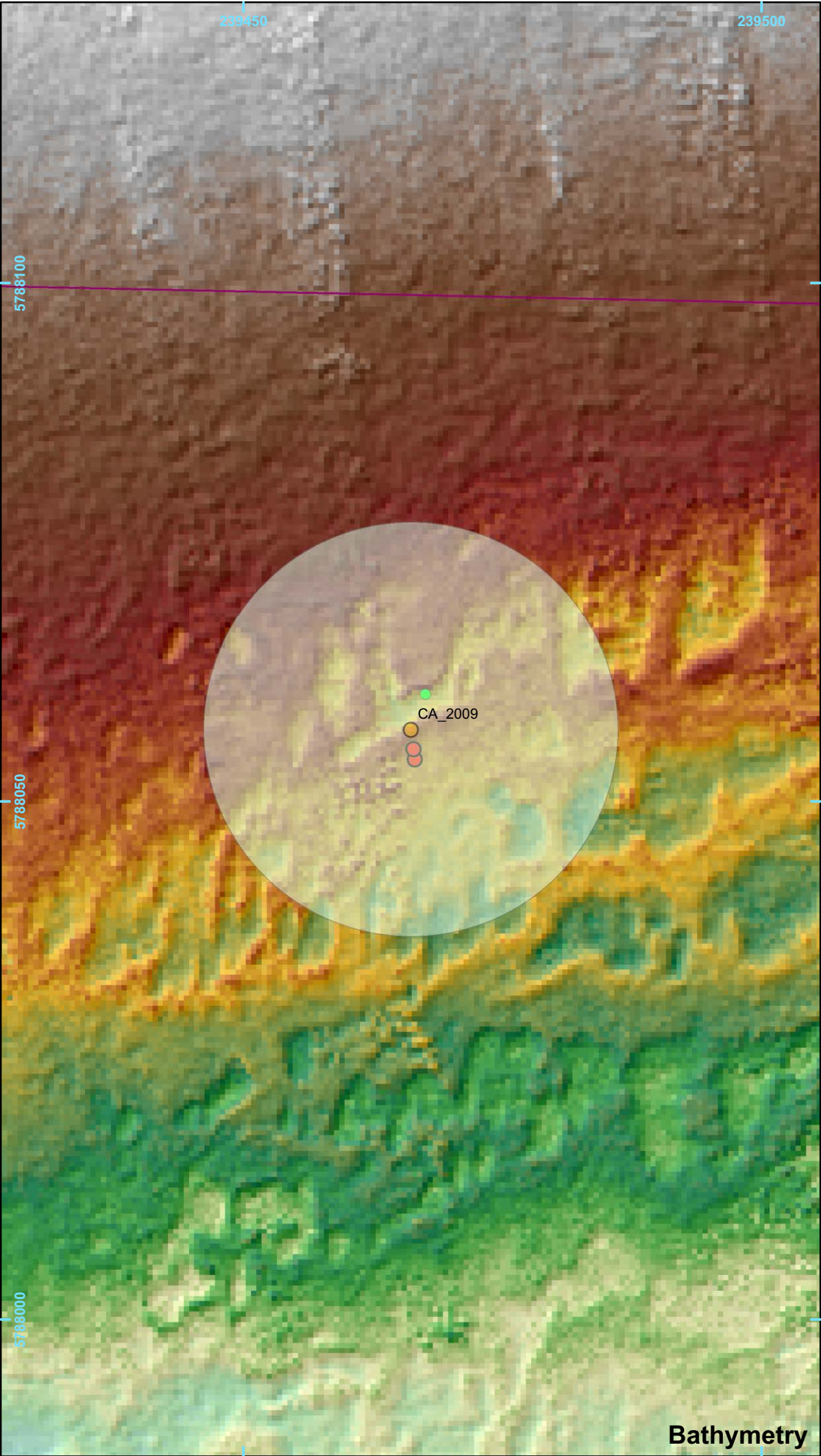
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PROJECT TITLE
Greenlink Interconnector project

FIGURE TITLE
Archaeological Anomaly CA_2008

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CHECKED BY	RK	DATE	01/04/2019	B.5
APPROVED BY	MW	SCALE@A3	1:500	



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -13.16
 - Low : -13.93



Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

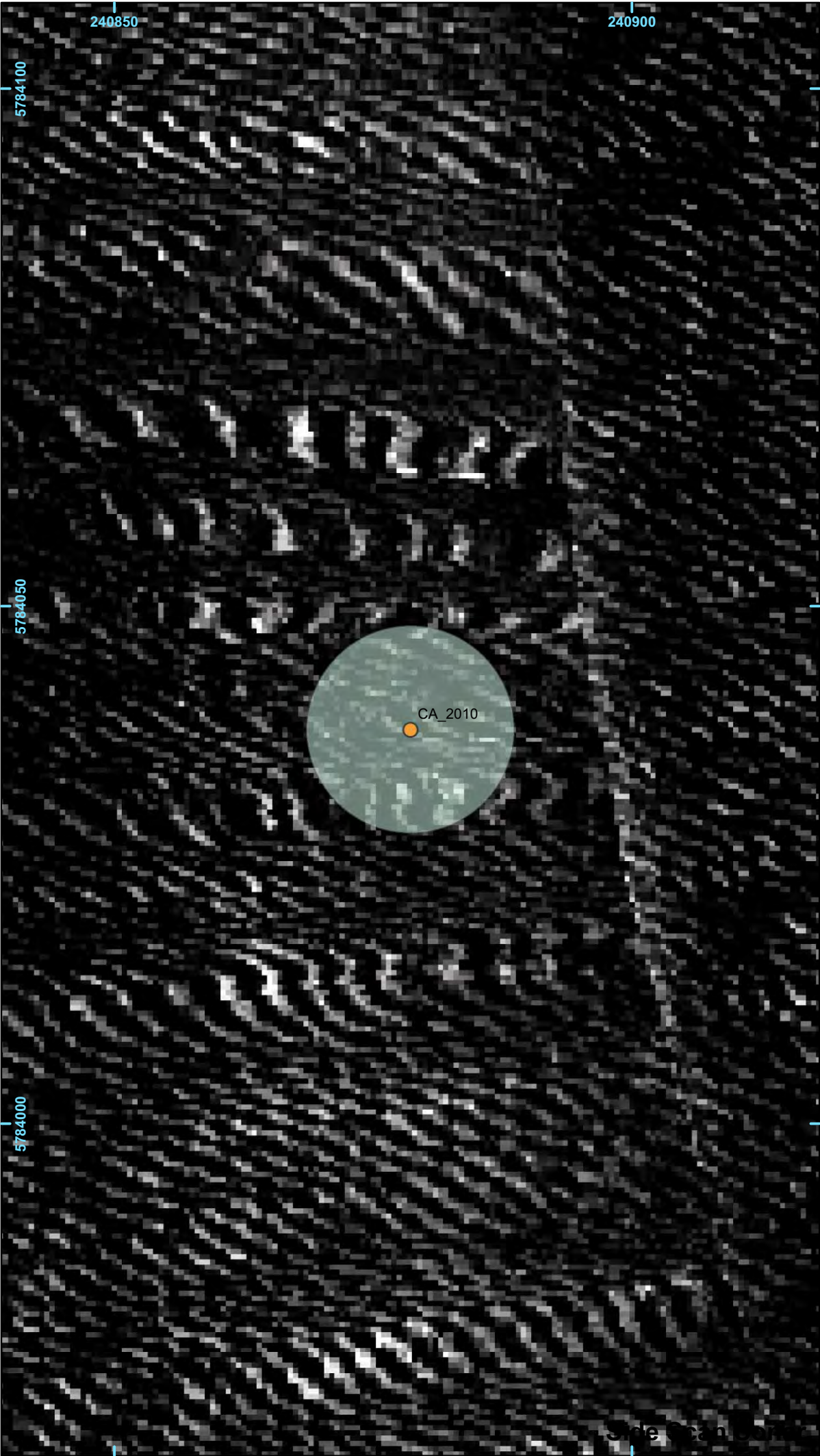
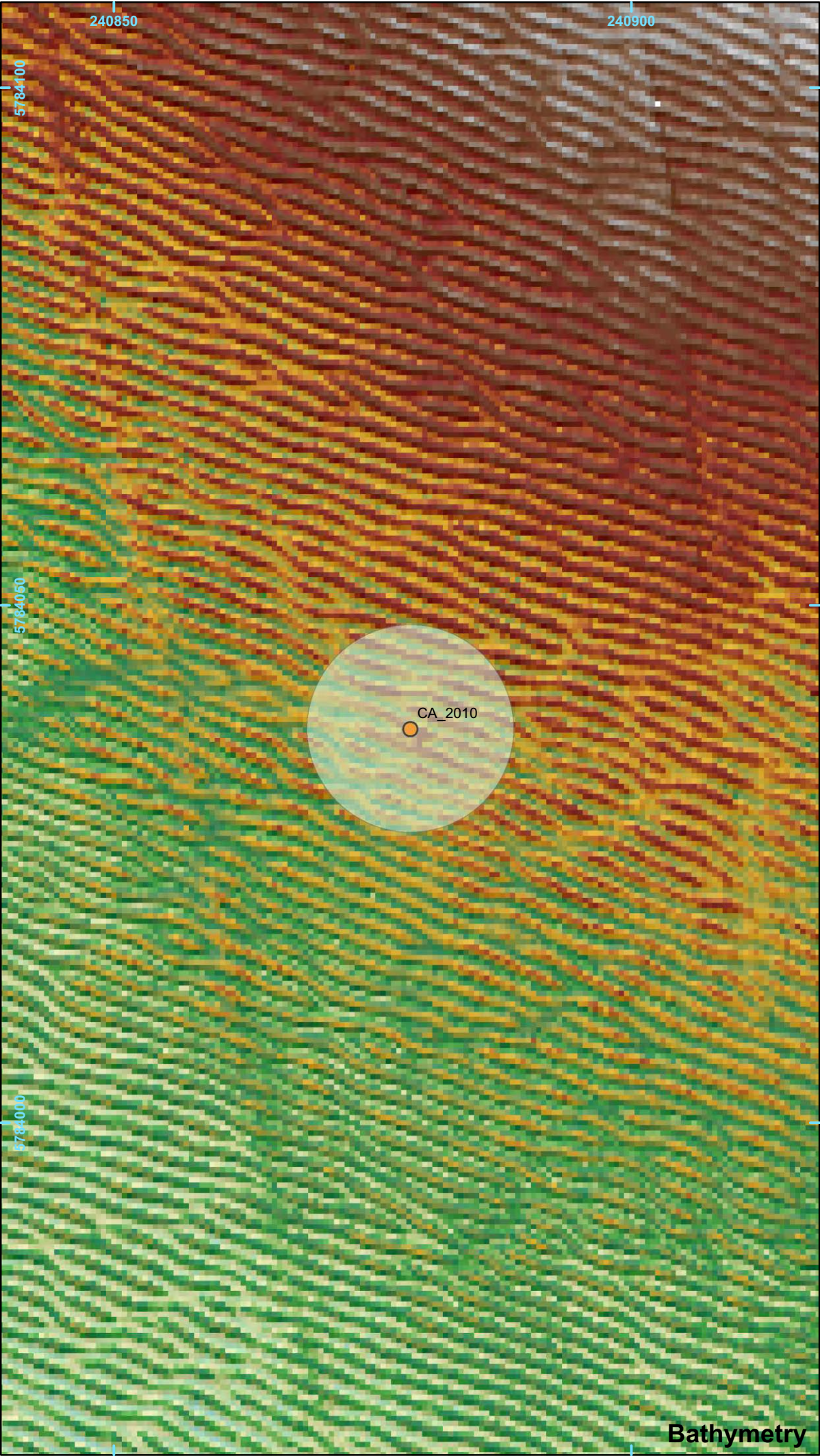
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PROJECT TITLE
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FIGURE TITLE
Archaeological Anomaly CA_2009

DRAWN BY	MJG (UoS)	PROJECT NO	770349	FIGURE NO.
CHECKED BY	RK	DATE	01/04/2019	B.6
APPROVED BY	MW	SCALE@A3	1:500	





Legend

Route Centreline

Route Corridor

Archaeological Anomaly

High

Medium

Low

Archaeological Exclusion Zone

Side Scan Sonar Anomaly

Magnetic Anomaly

0.5 - 2 nT

2 - 5 nT

5 - 10 nT

10 - 25 nT

> 25.0 nT

Bathymetry (mLAT)

High : -23.565

Low : -24.474

0

17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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PROJECT TITLE

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FIGURE TITLE

Archaeological Anomaly CA_2010

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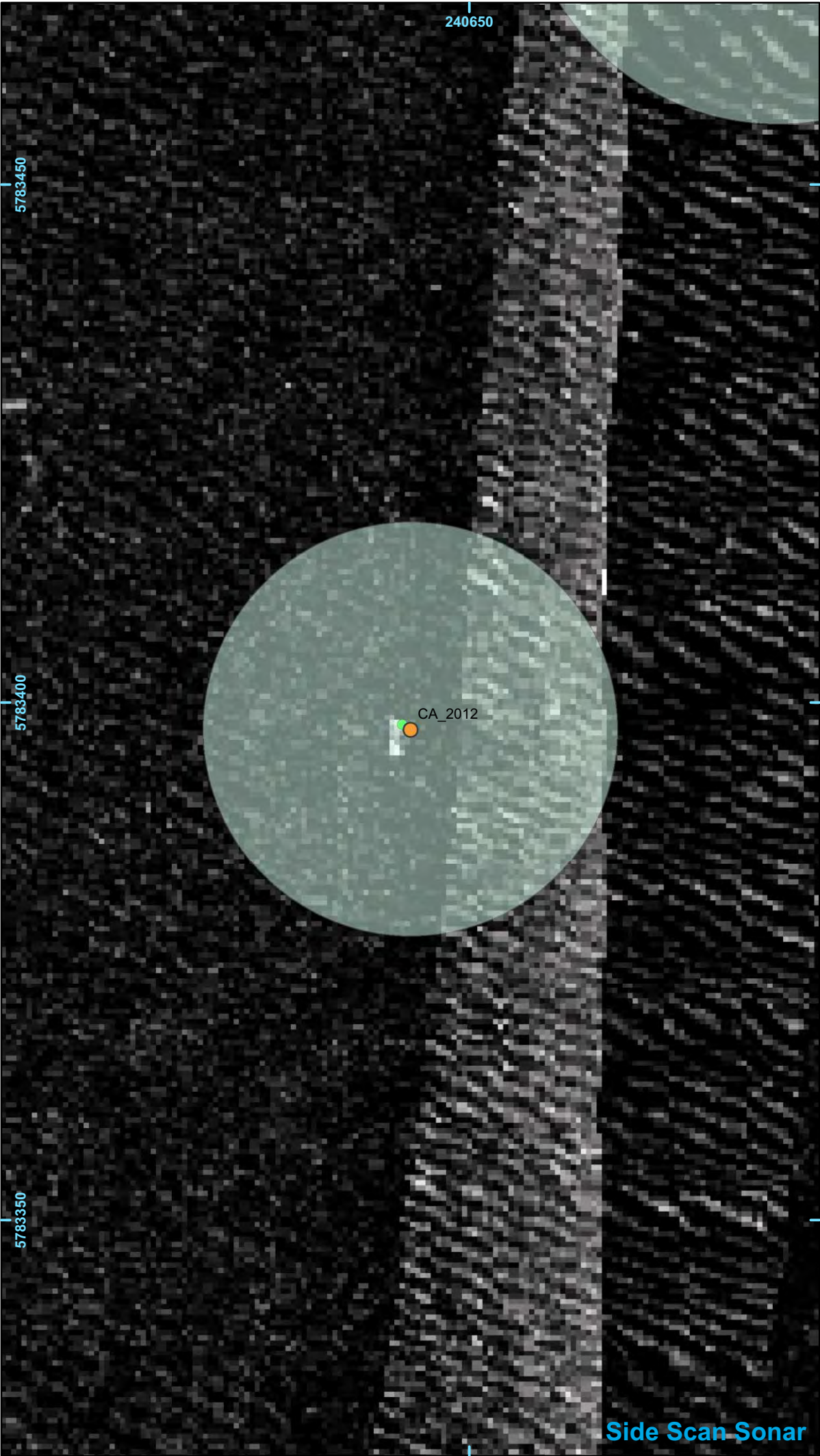
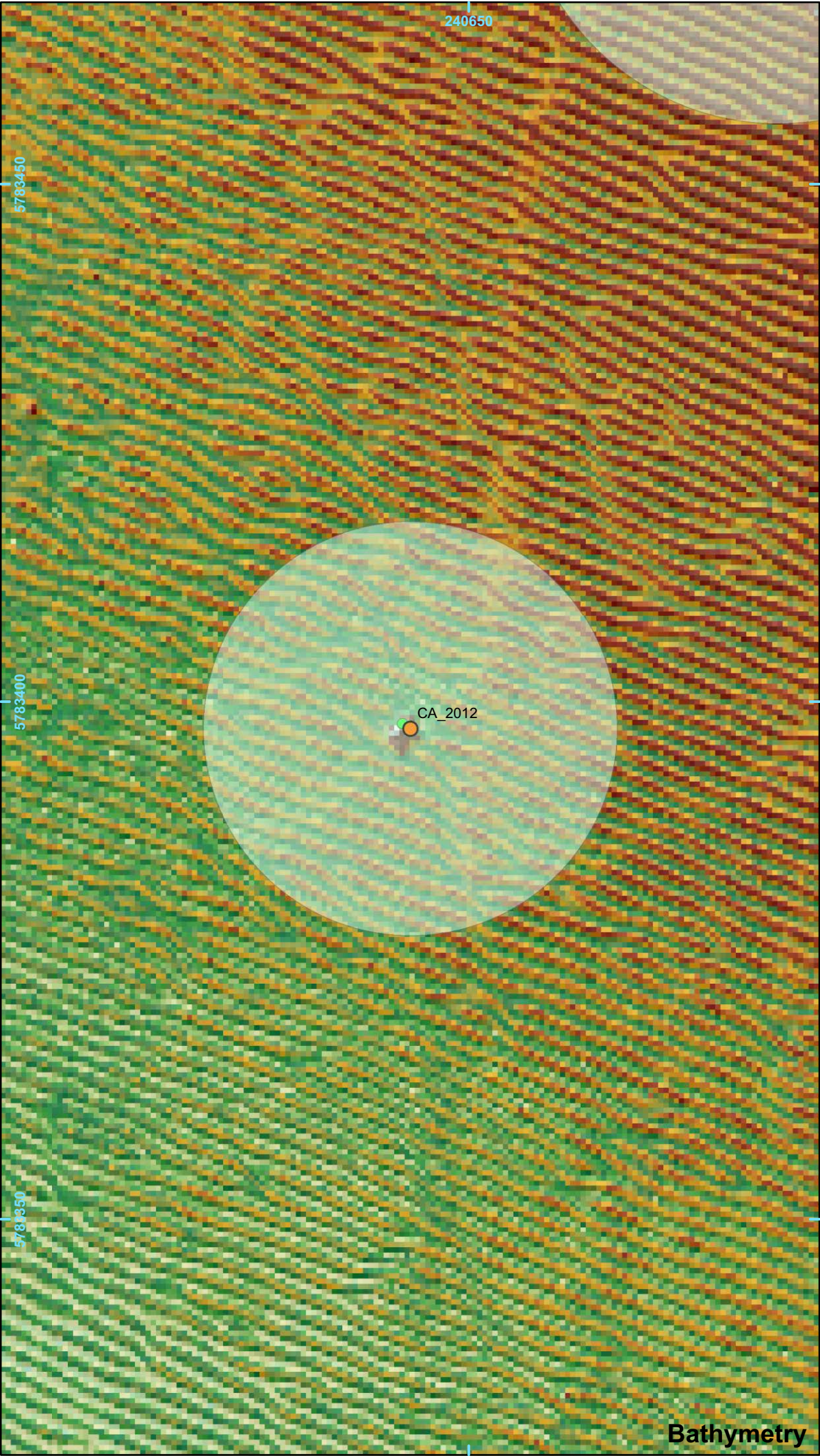
770349

01/04/2019

1:500

FIGURE NO.

B.7



Legend

Route Centreline

Route Corridor

Archaeological Anomaly

High

Medium

Low

Archaeological Exclusion Zone

Side Scan Sonar Anomaly

Magnetic Anomaly

0.5 - 2 nT

2 - 5 nT

5 - 10 nT

10 - 25 nT

> 25.0 nT

Bathymetry (mLAT)

High : -24.963

Low : -25.742

017.5m

Coordinate System: WGS 1984 UTM Zone 30N

Projection: Transverse Mercator

Datum: WGS 1984

False Easting: 500,000.0000

False Northing: 0.0000

Central Meridian: -3.0000

Scale Factor: 0.9996

Latitude Of Origin: 0.0000

Units: Meter

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PROJECT TITLE

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FIGURE TITLE

Archaeological Anomaly CA_2012

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DATE

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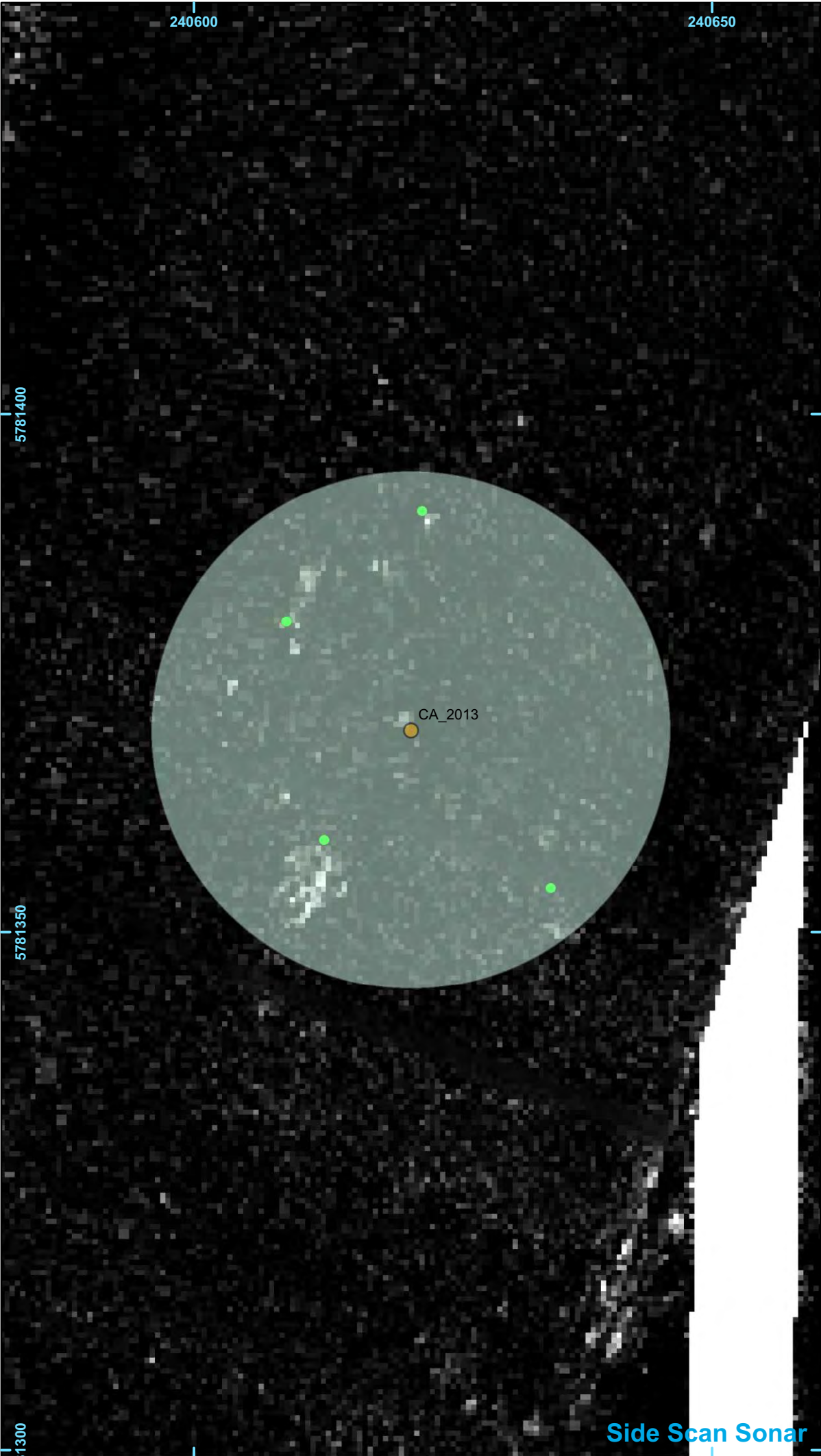
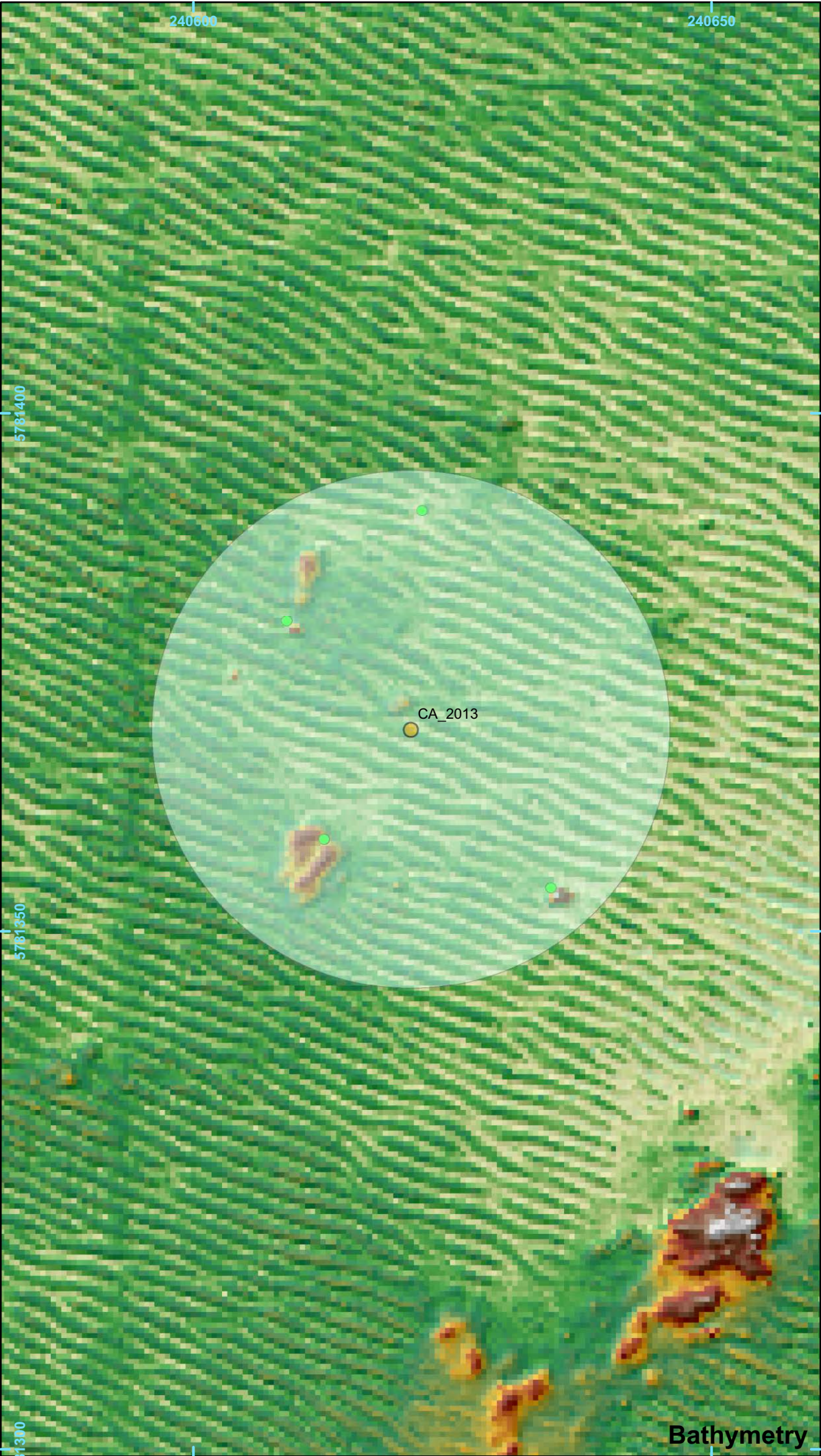
770349

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1:500

FIGURE NO.

B.9



Legend

Route Centreline

Route Corridor

Archaeological Anomaly

High

Medium

Low

Archaeological Exclusion Zone

Side Scan Sonar Anomaly

Magnetic Anomaly

0.5 - 2 nT

2 - 5 nT

5 - 10 nT

10 - 25 nT

> 25.0 nT

Bathymetry (mLAT)

High : -27.026

Low : -28.396

N



Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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PROJECT TITLE

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FIGURE TITLE

Archaeological Anomaly CA_2013

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FIGURE NO.

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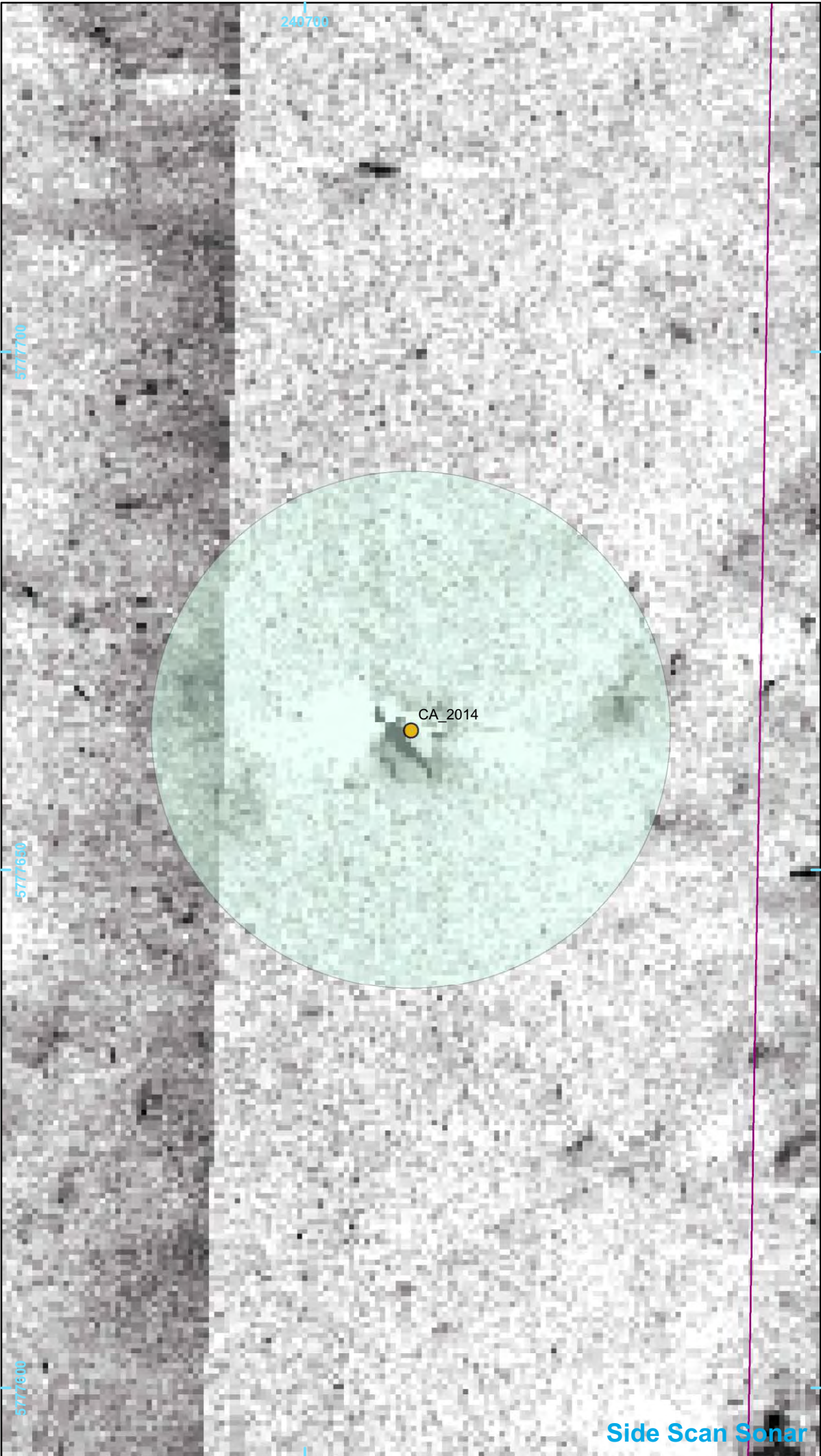
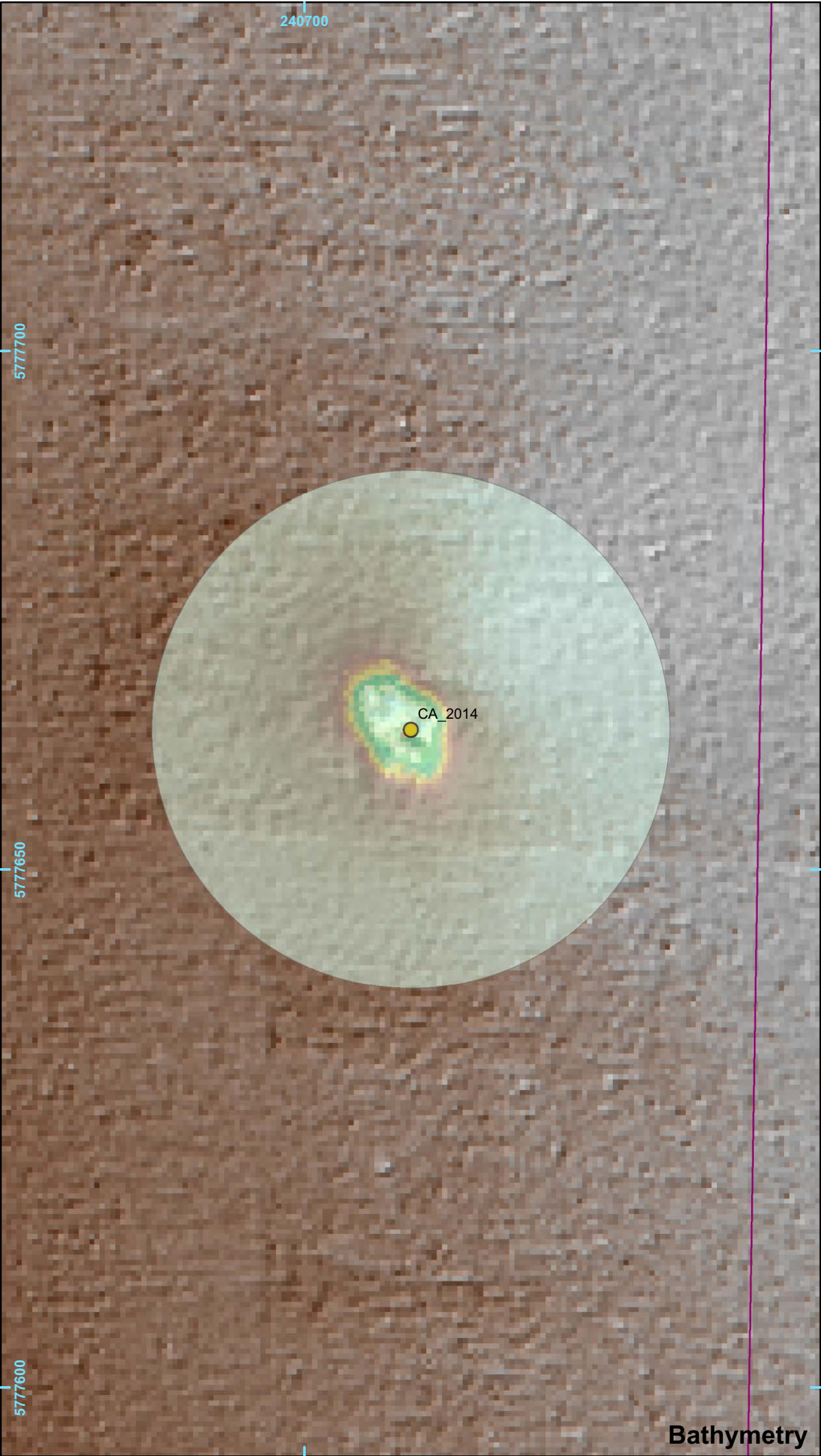
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MW

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1:500



Legend

Route Centreline

Route Corridor

Archaeological Anomaly

High

Medium

Low

Archaeological Exclusion Zone

Side Scan Sonar Anomaly

Magnetic Anomaly

0.5 - 2 nT

2 - 5 nT

5 - 10 nT

10 - 25 nT

> 25.0 nT

Bathymetry (mLAT)

High : -31.293

Low : -32.251

0

17.5m

Coordinate System: WGS 1984 UTM Zone 30N

Projection: Transverse Mercator

Datum: WGS 1984

False Easting: 500,000.0000

False Northing: 0.0000

Central Meridian: -3.0000

Scale Factor: 0.9996

Latitude Of Origin: 0.0000

Units: Meter

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Archaeological Anomaly CA_2014

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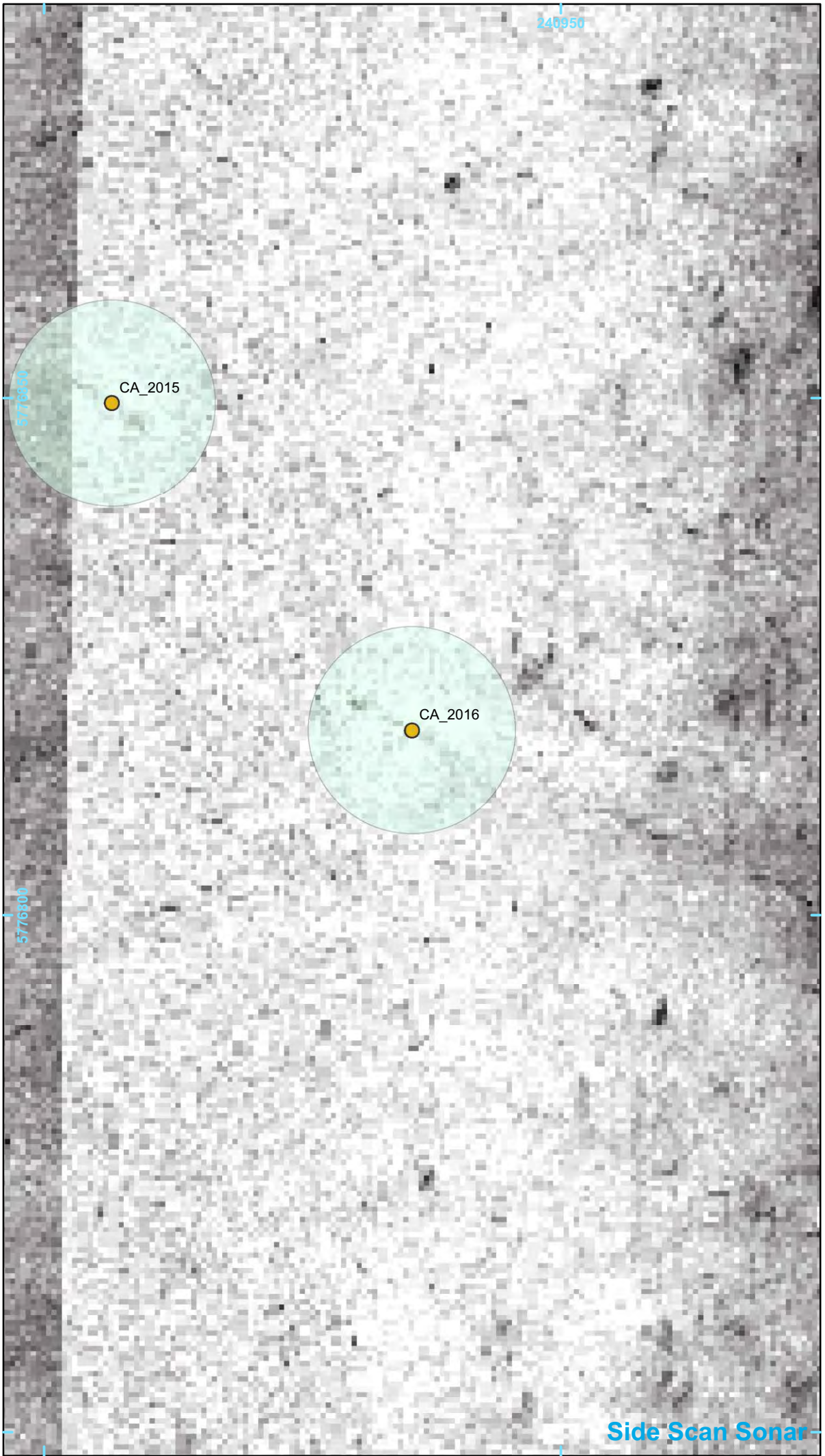
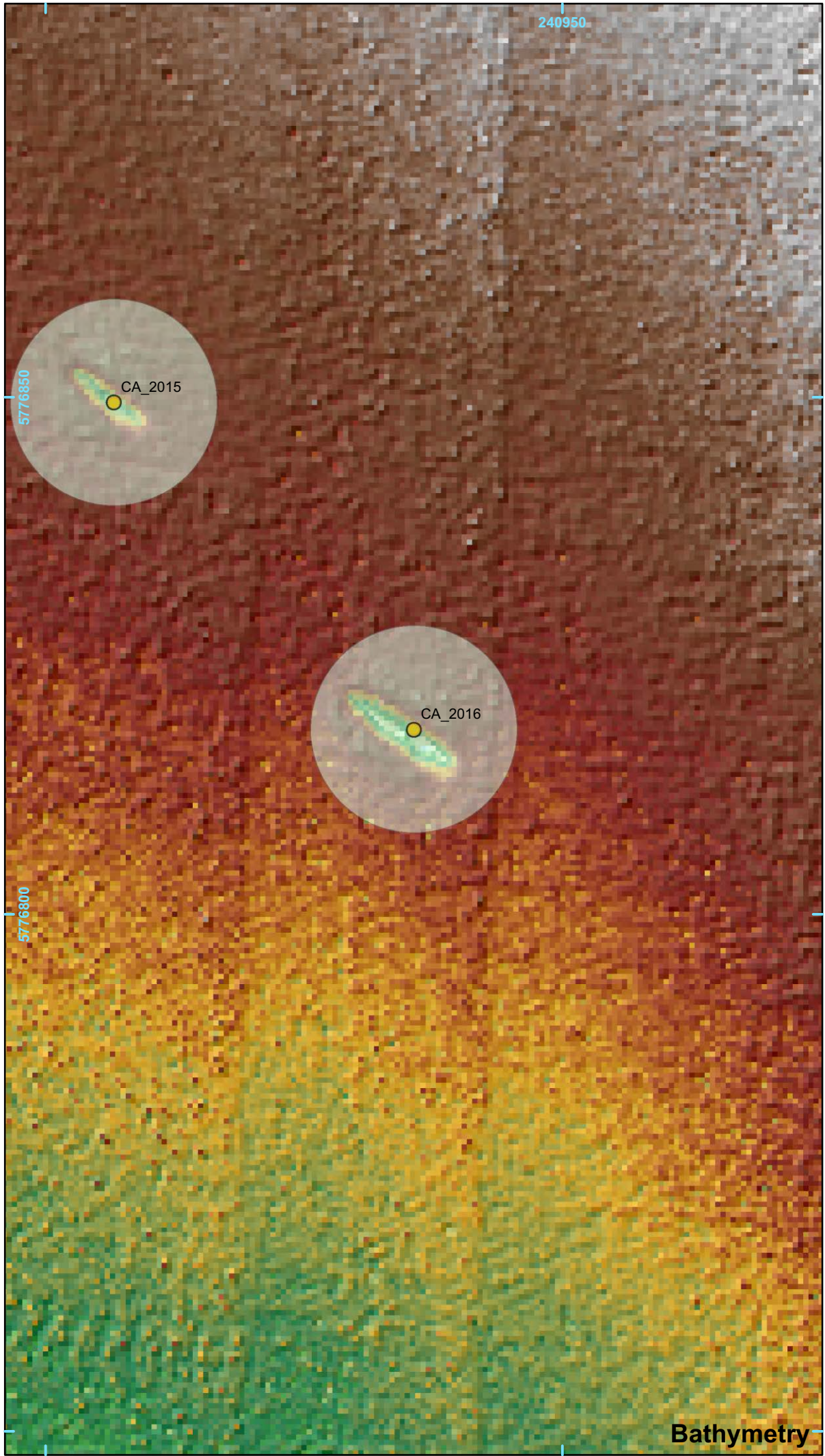
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1:500



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -31.852
 - Low : -32.302

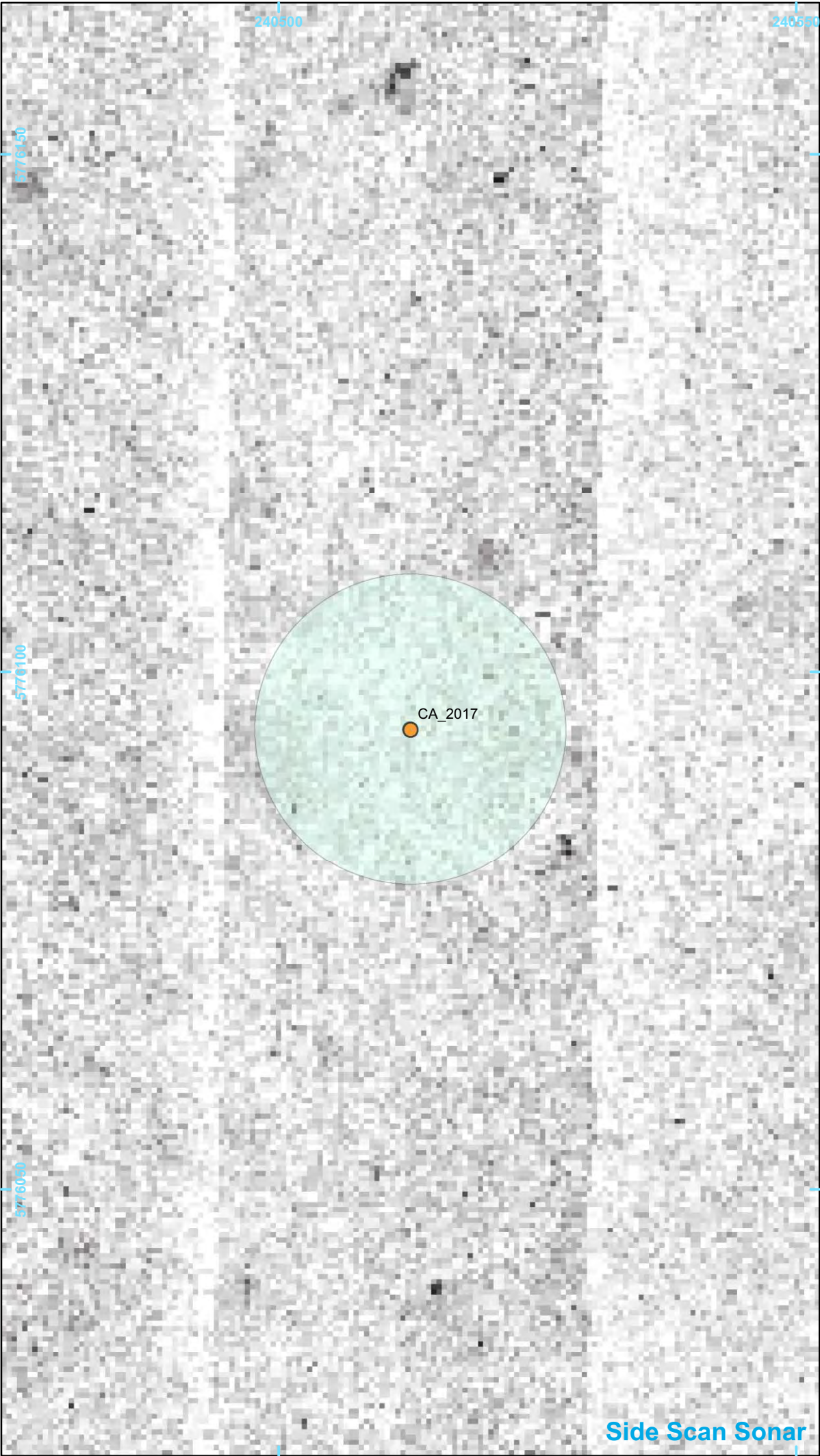
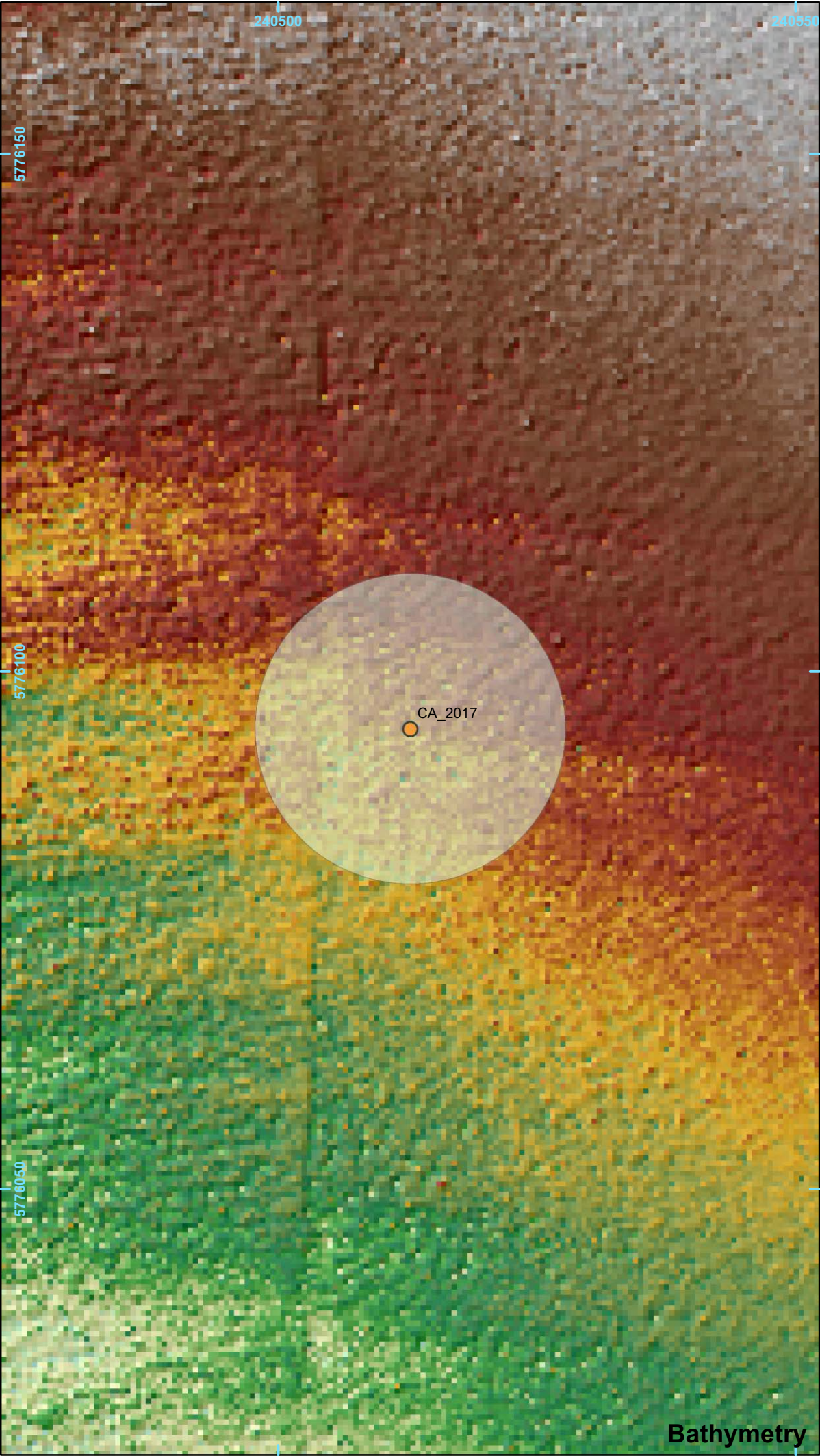
0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Legend

Route Centreline

Route Corridor

Archaeological Anomaly

High

Medium

Low

Archaeological Exclusion Zone

Side Scan Sonar Anomaly

Magnetic Anomaly

0.5 - 2 nT

2 - 5 nT

5 - 10 nT

10 - 25 nT

> 25.0 nT

Bathymetry (mLAT)

High : -33.476

Low : -33.936

0

17.5m

Coordinate System: WGS 1984 UTM Zone 30N

Projection: Transverse Mercator

Datum: WGS 1984

False Easting: 500,000.0000

False Northing: 0.0000

Central Meridian: -3.0000

Scale Factor: 0.9996

Latitude Of Origin: 0.0000

Units: Meter

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Archaeological Anomaly CA_2017

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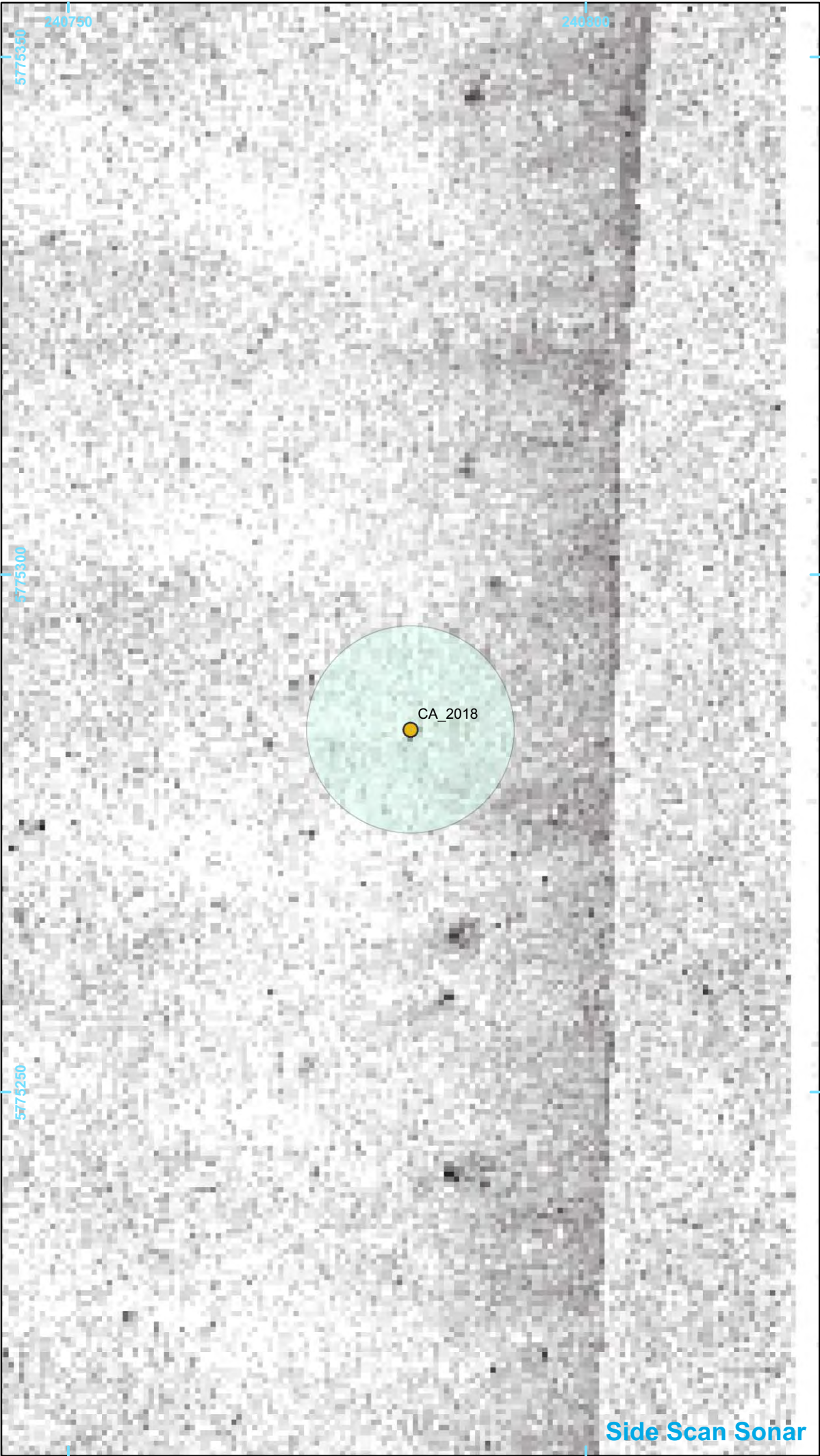
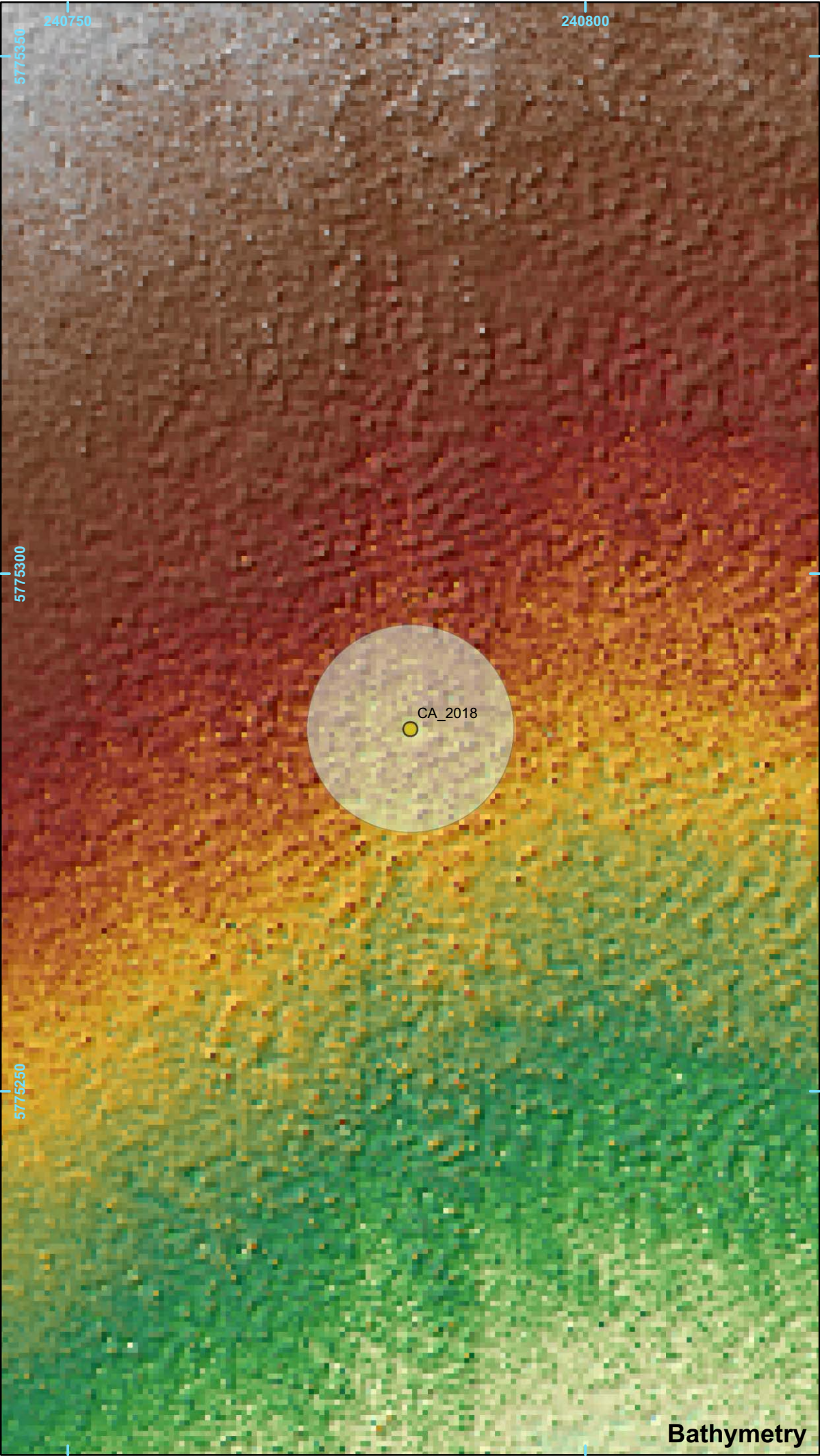
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1:500

B.13



Legend

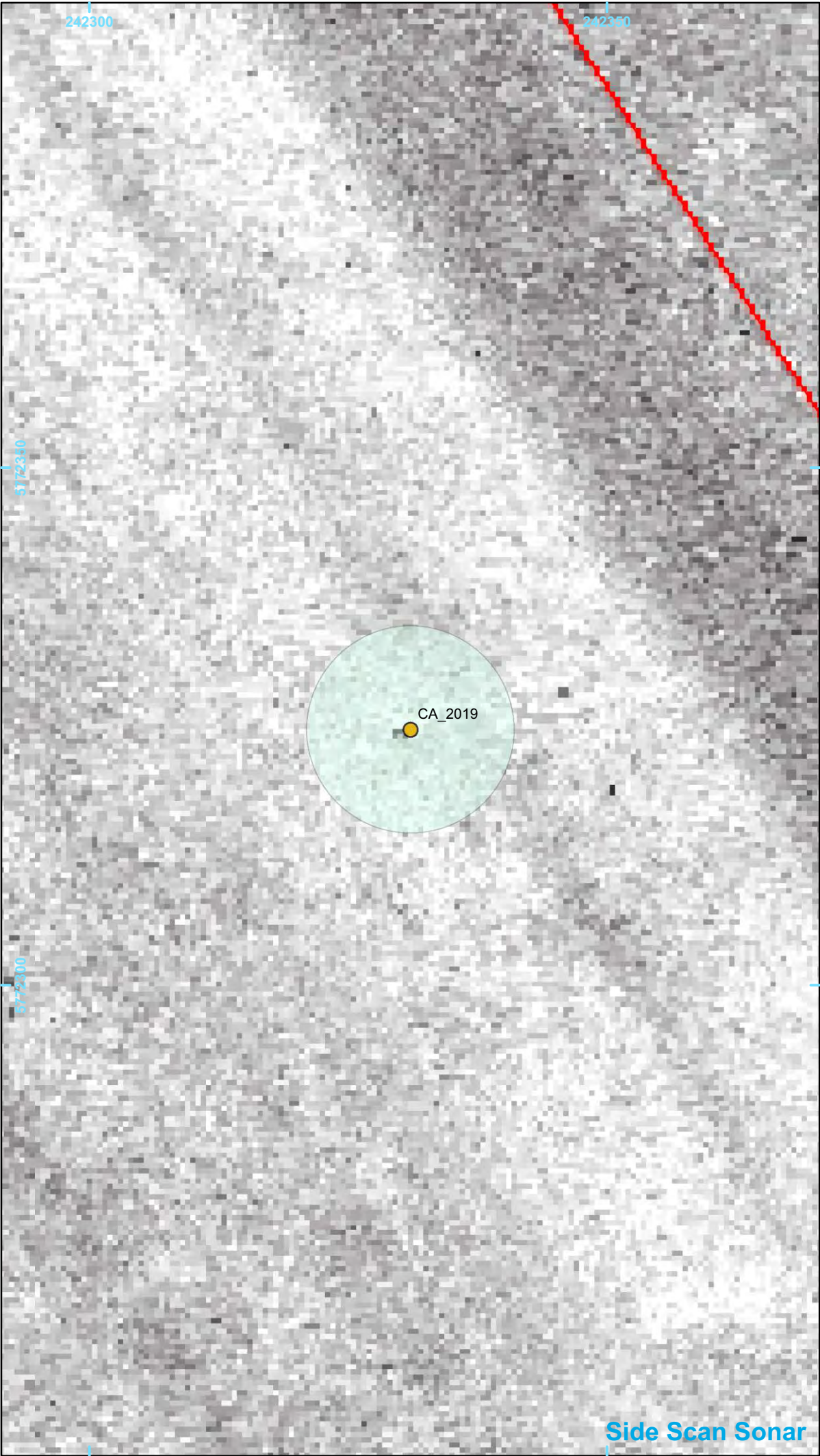
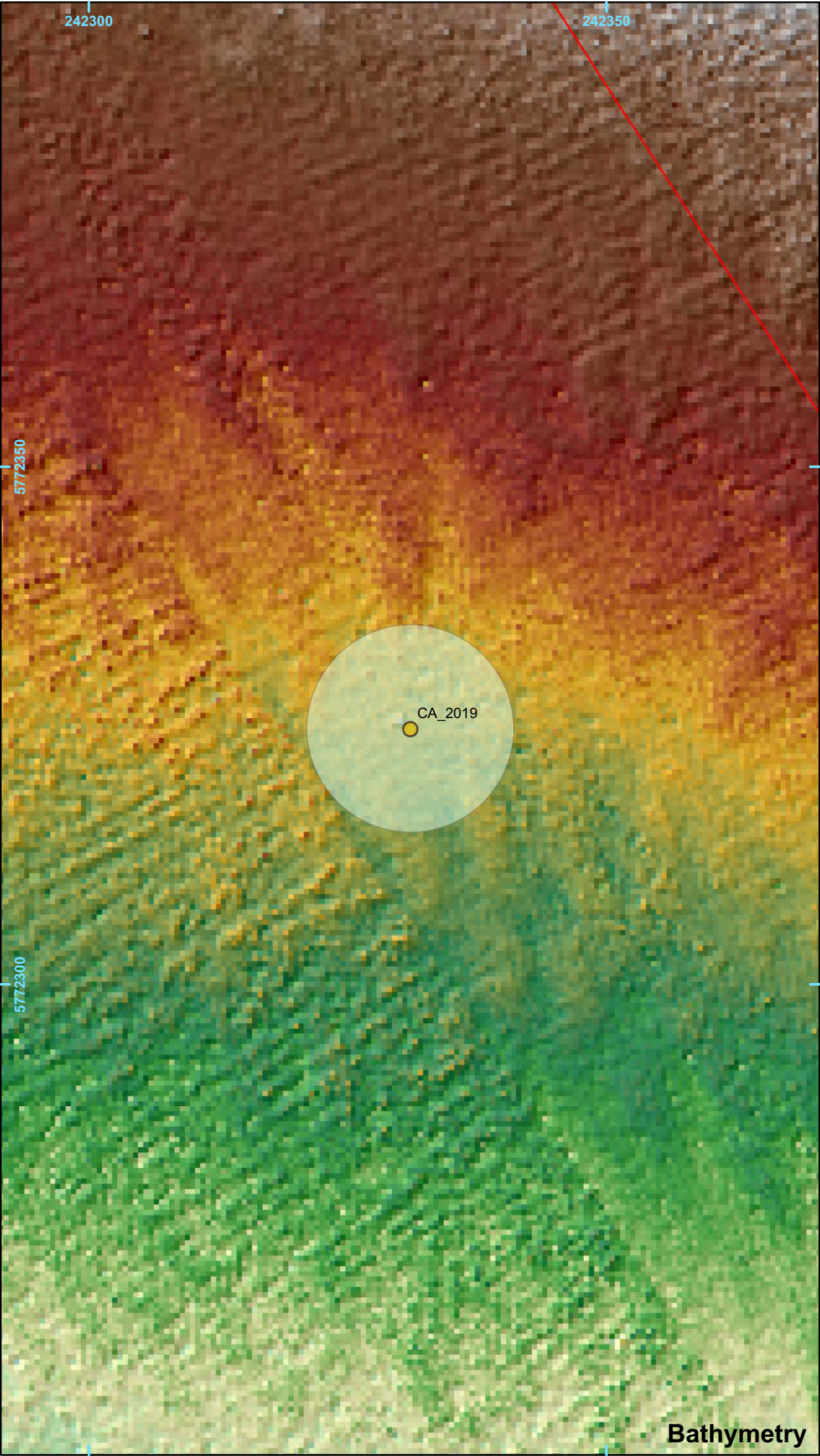
- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -35.436
 - Low : -35.996

0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Legend

Route Centreline

Route Corridor

Archaeological Anomaly

High

Medium

Low

Archaeological Exclusion Zone

Side Scan Sonar Anomaly

Magnetic Anomaly

0.5 - 2 nT

2 - 5 nT

5 - 10 nT

10 - 25 nT

> 25.0 nT

Bathymetry (mLAT)

High : -41.989

Low : -42.662

0

17.5m

Coordinate System: WGS 1984 UTM Zone 30N

Projection: Transverse Mercator

Datum: WGS 1984

False Easting: 500,000.0000

False Northing: 0.0000

Central Meridian: -3.0000

Scale Factor: 0.9996

Latitude Of Origin: 0.0000

Units: Meter

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PROJECT TITLE

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FIGURE TITLE

Archaeological Anomaly CA_2019

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DATE

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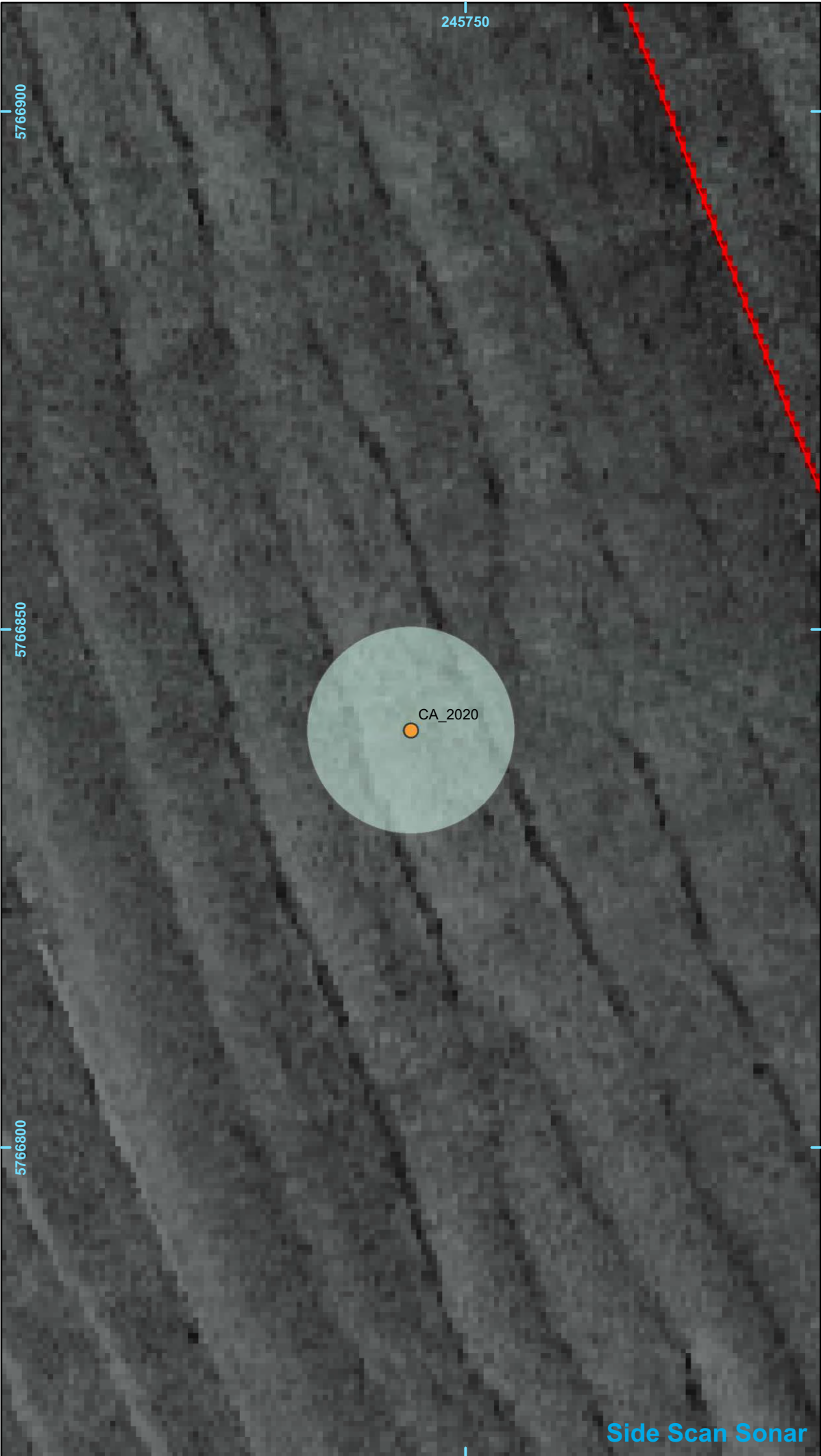
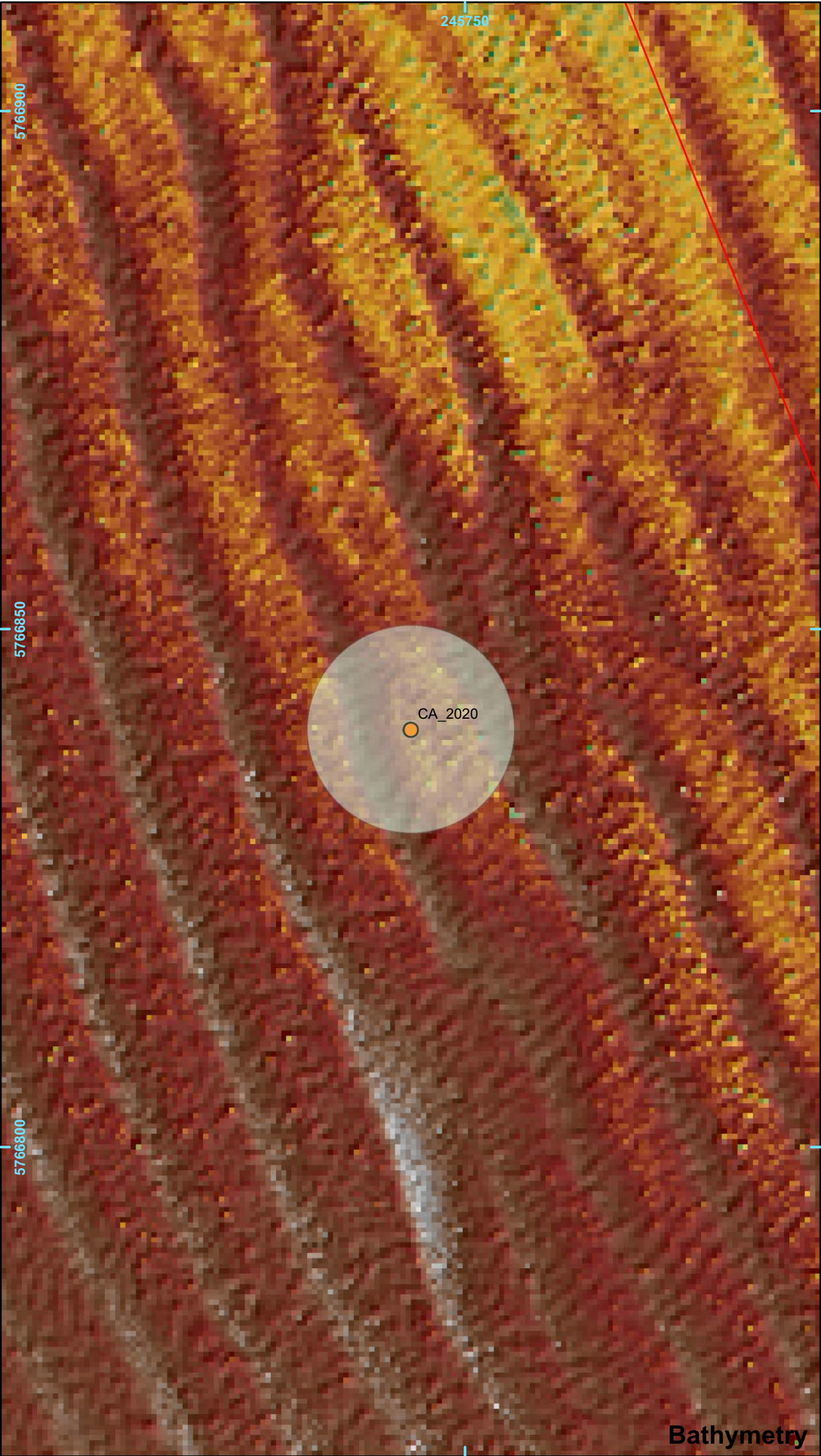
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B.15



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -52.559
 - Low : -53.321

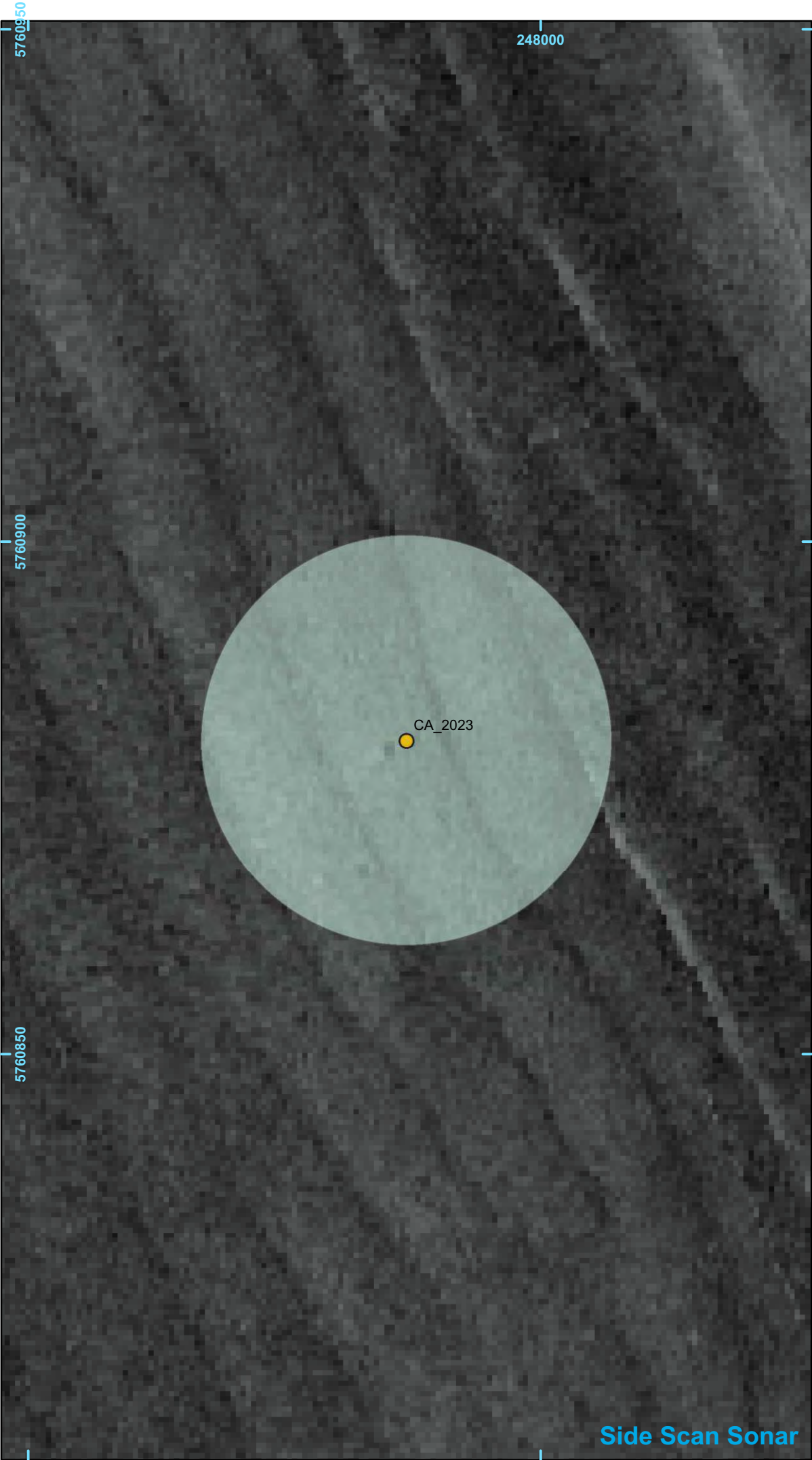
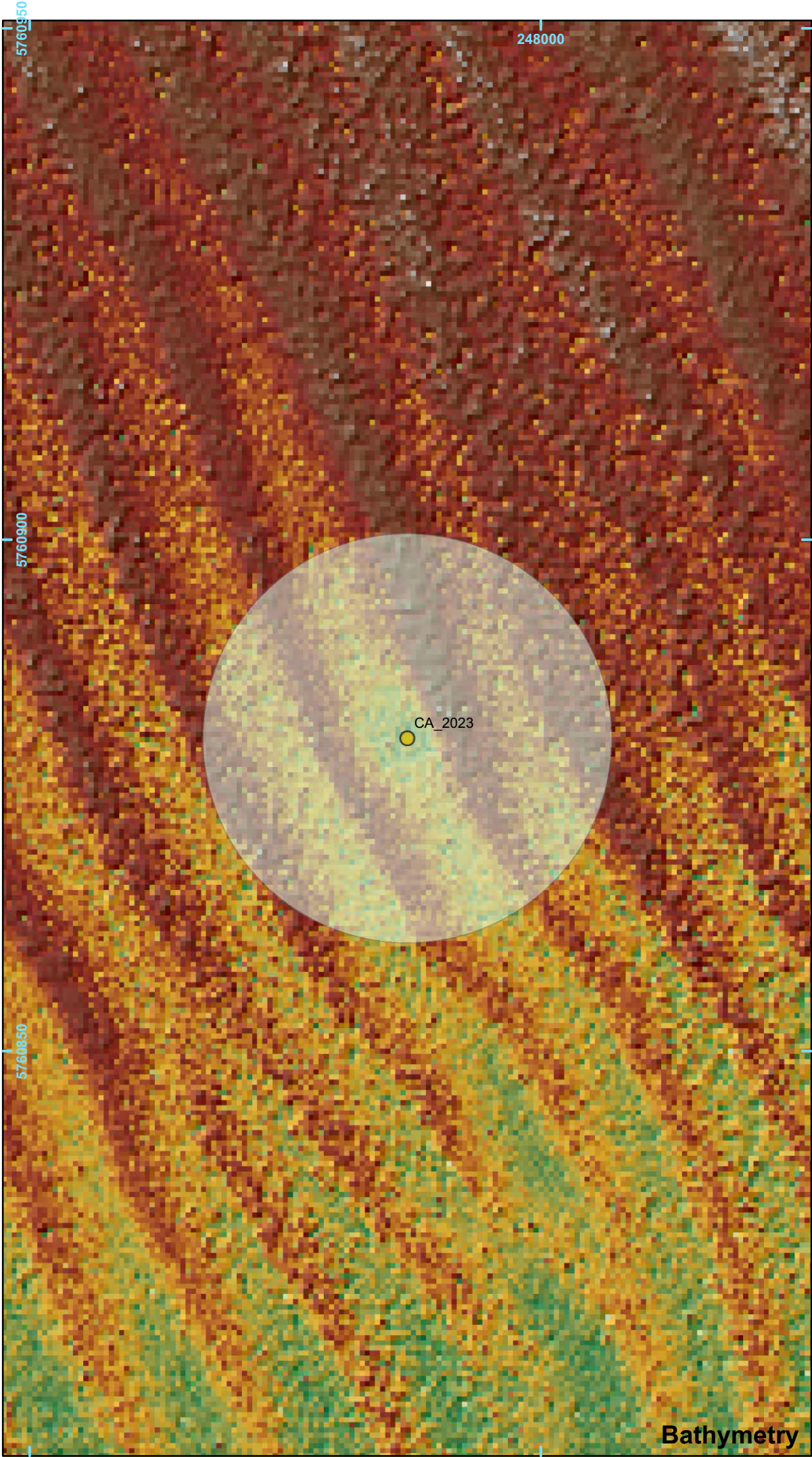
0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Legend

Route Centreline

Route Corridor

Archaeological Anomaly

High

Medium

Low

Archaeological Exclusion Zone

Side Scan Sonar Anomaly

Magnetic Anomaly

0.5 - 2 nT

2 - 5 nT

5 - 10 nT

10 - 25 nT

> 25.0 nT

Bathymetry (mLAT)

High : -60.608

Low : -61.489

017.5m

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FIGURE TITLE

Archaeological Anomaly CA_2023

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FIGURE NO.

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DATE

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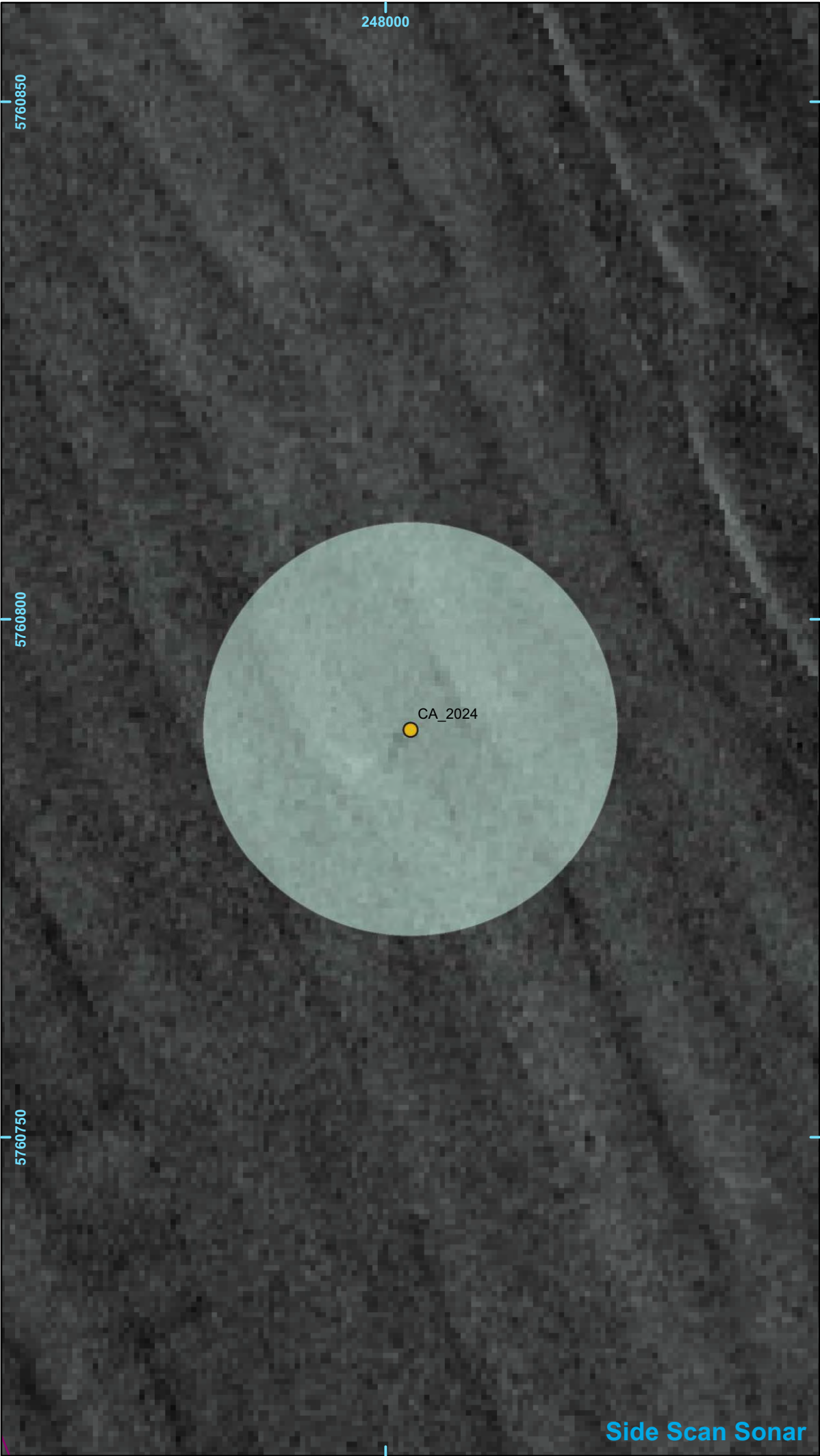
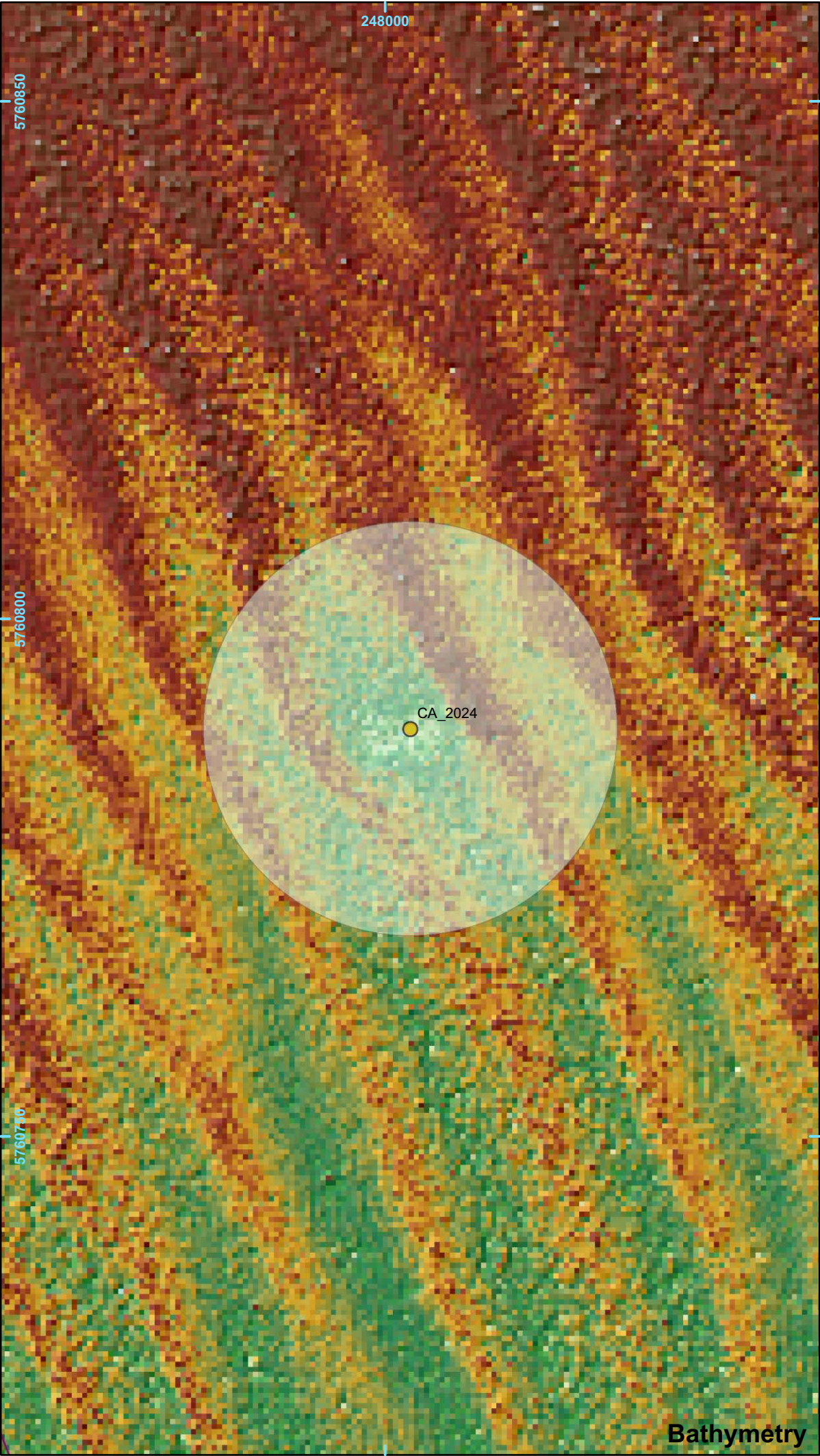
B.17

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1:500



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -60.758
 - Low : -61.58

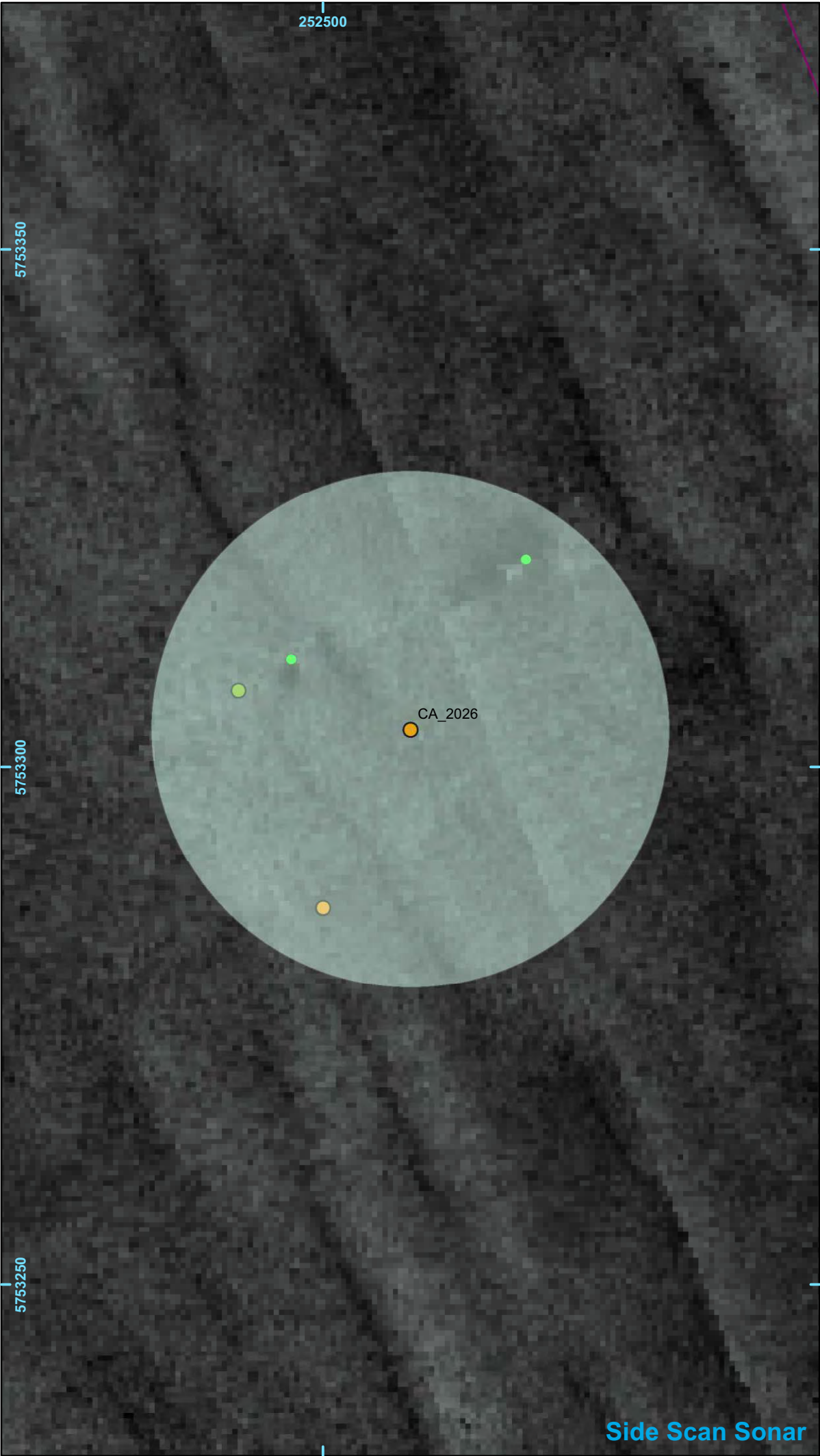
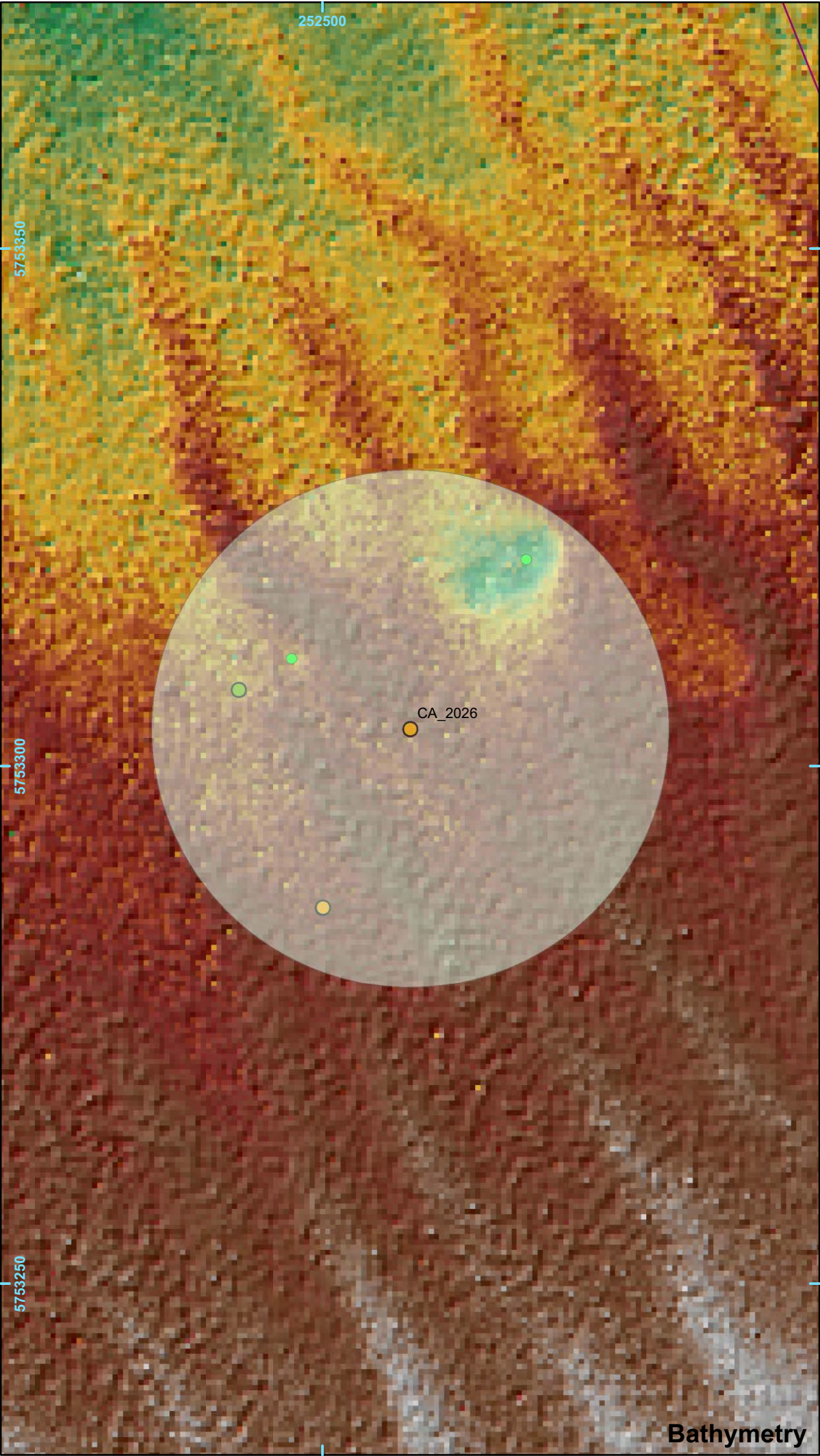
0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Legend

Route Centreline

Route Corridor

Archaeological Anomaly

High

Medium

Low

Archaeological Exclusion Zone

Side Scan Sonar Anomaly

Magnetic Anomaly

0.5 - 2 nT

2 - 5 nT

5 - 10 nT

10 - 25 nT

> 25.0 nT

Bathymetry (mLAT)

High : -71.109

Low : -72.461

0

17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Archaeological Anomaly CA_2026

DRAWN BY

CHECKED BY

APPROVED BY

MJG (UoS)

RK

MW

PROJECT NO

DATE

SCALE@A3

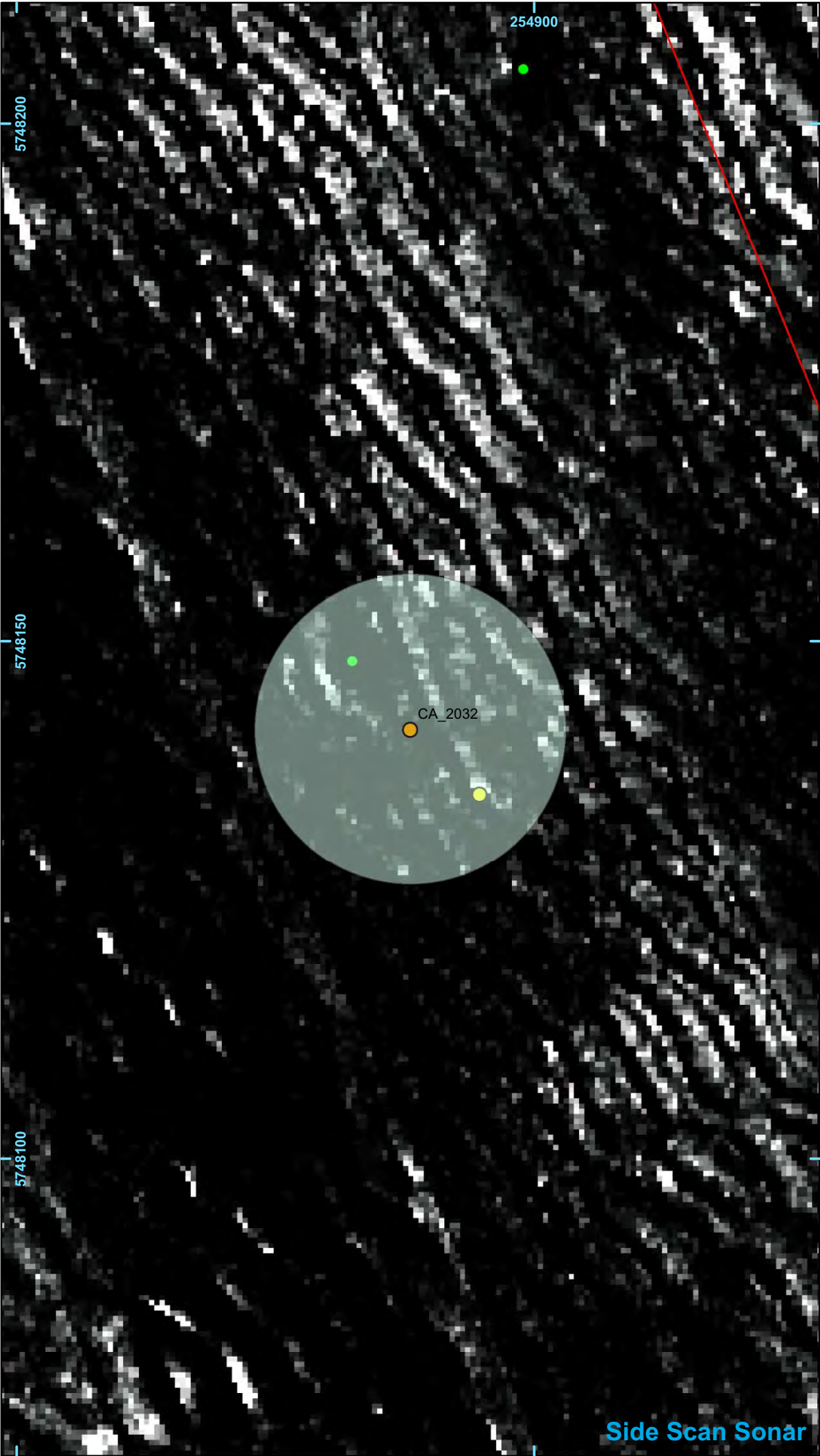
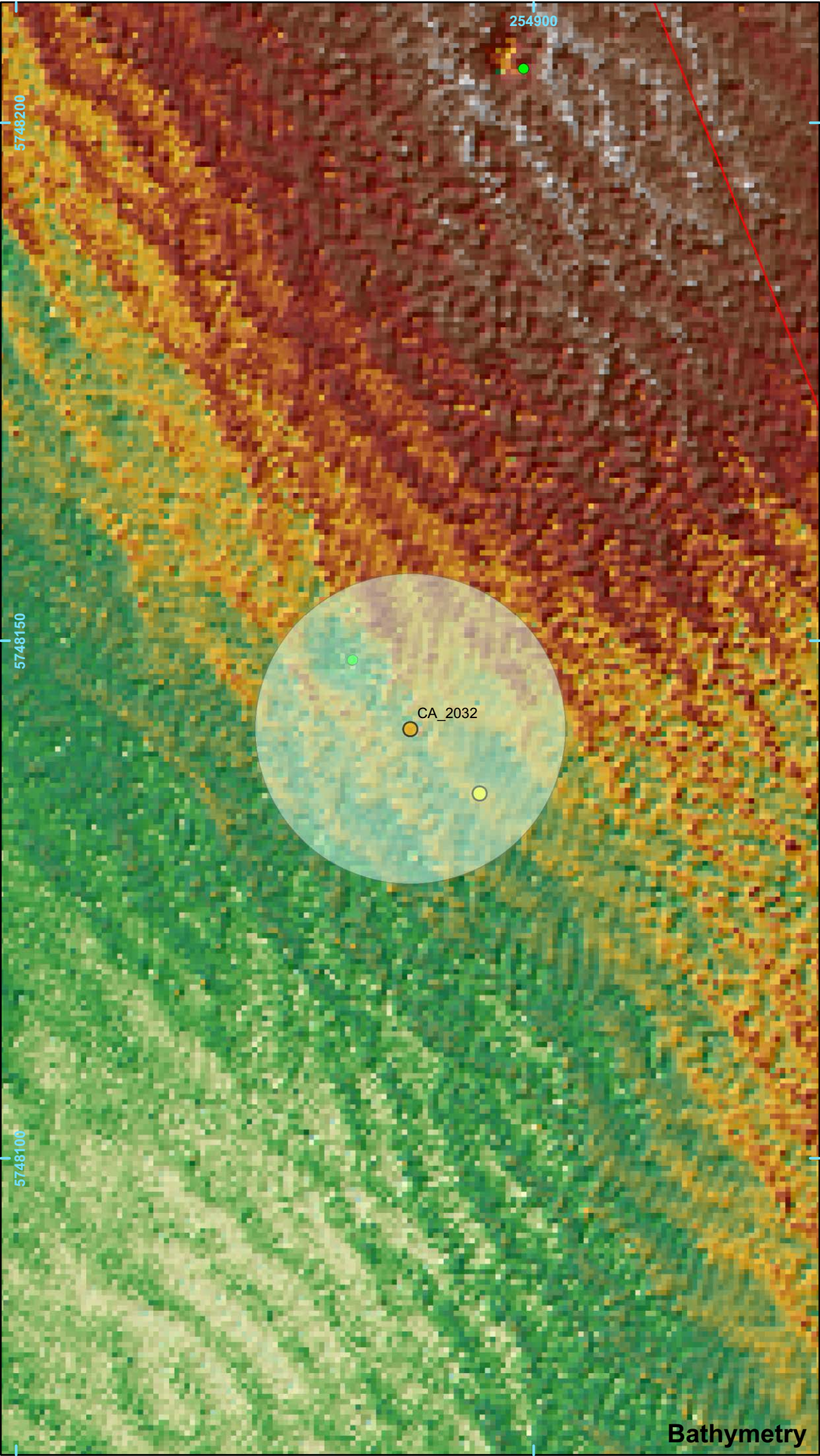
770349

01/04/2019

1:500

FIGURE NO.

B.20



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -66.272
 - Low : -67.626

0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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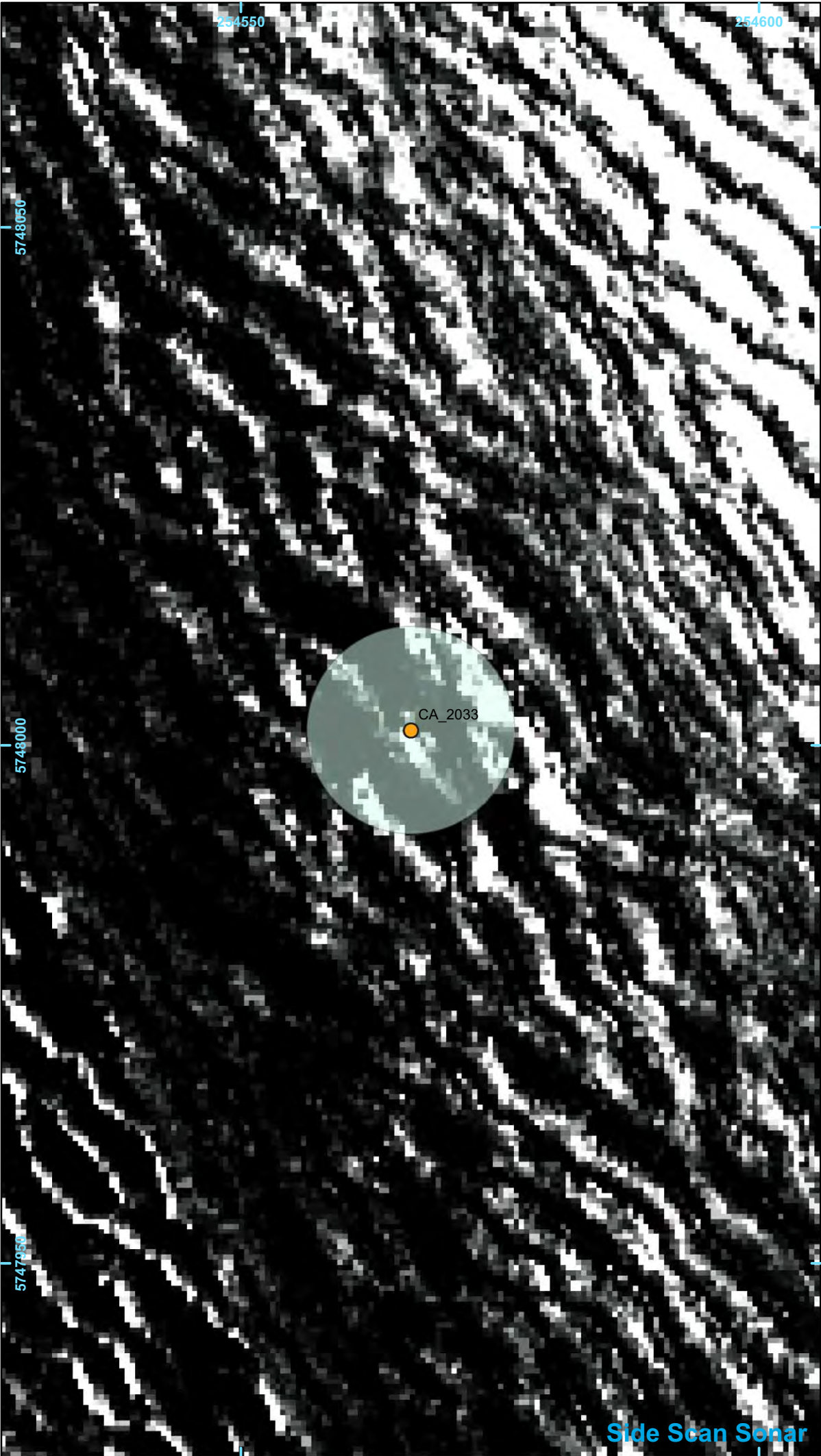
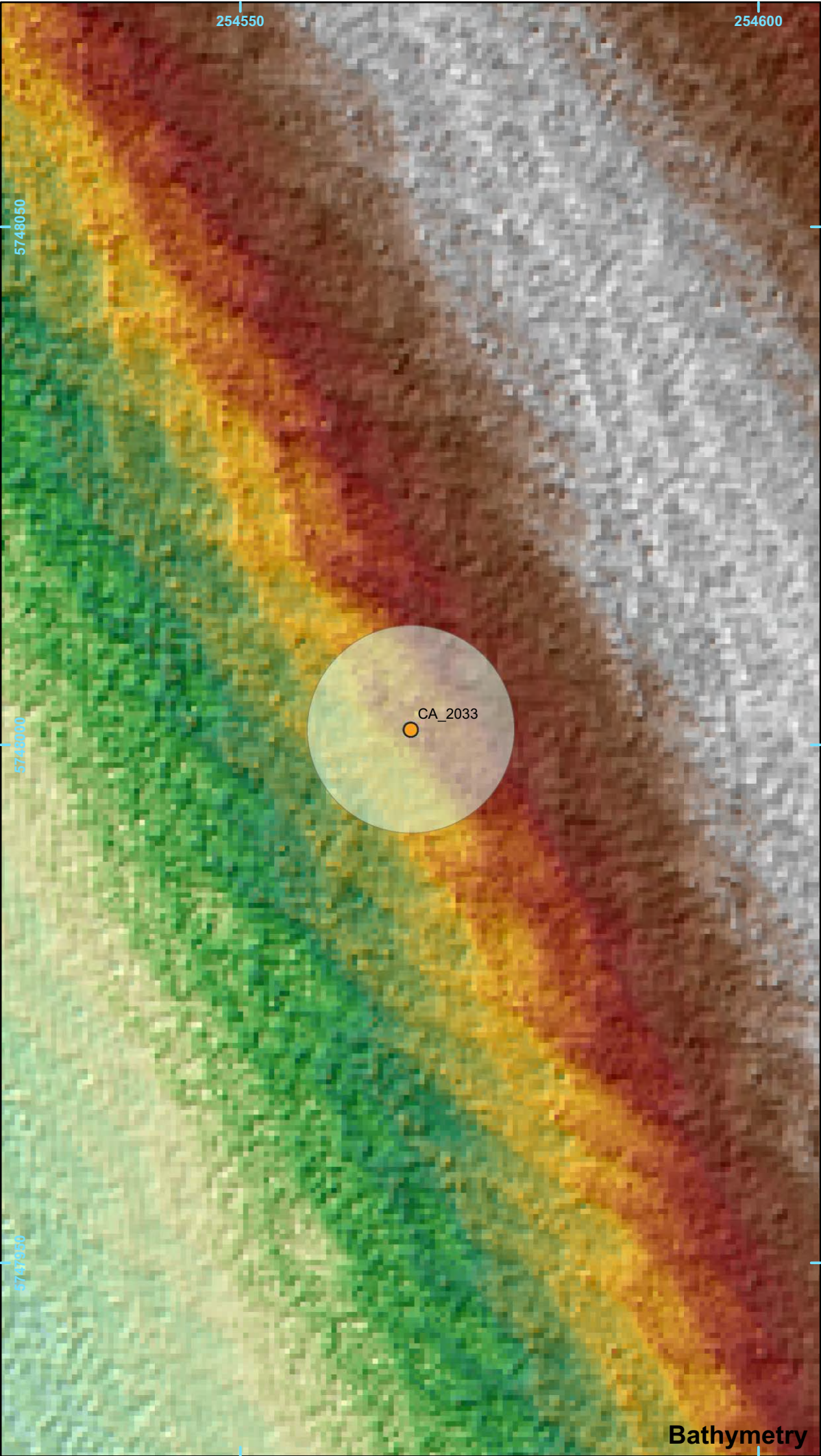
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PROJECT TITLE
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FIGURE TITLE
Archaeological Anomaly CA_2032

DRAWN BY	MJG (UoS)	PROJECT NO	770349	FIGURE NO.
CHECKED BY	RK	DATE	01/04/2019	B.21
APPROVED BY	MW	SCALE@A3	1:500	



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -62.611
 - Low : -66.828

0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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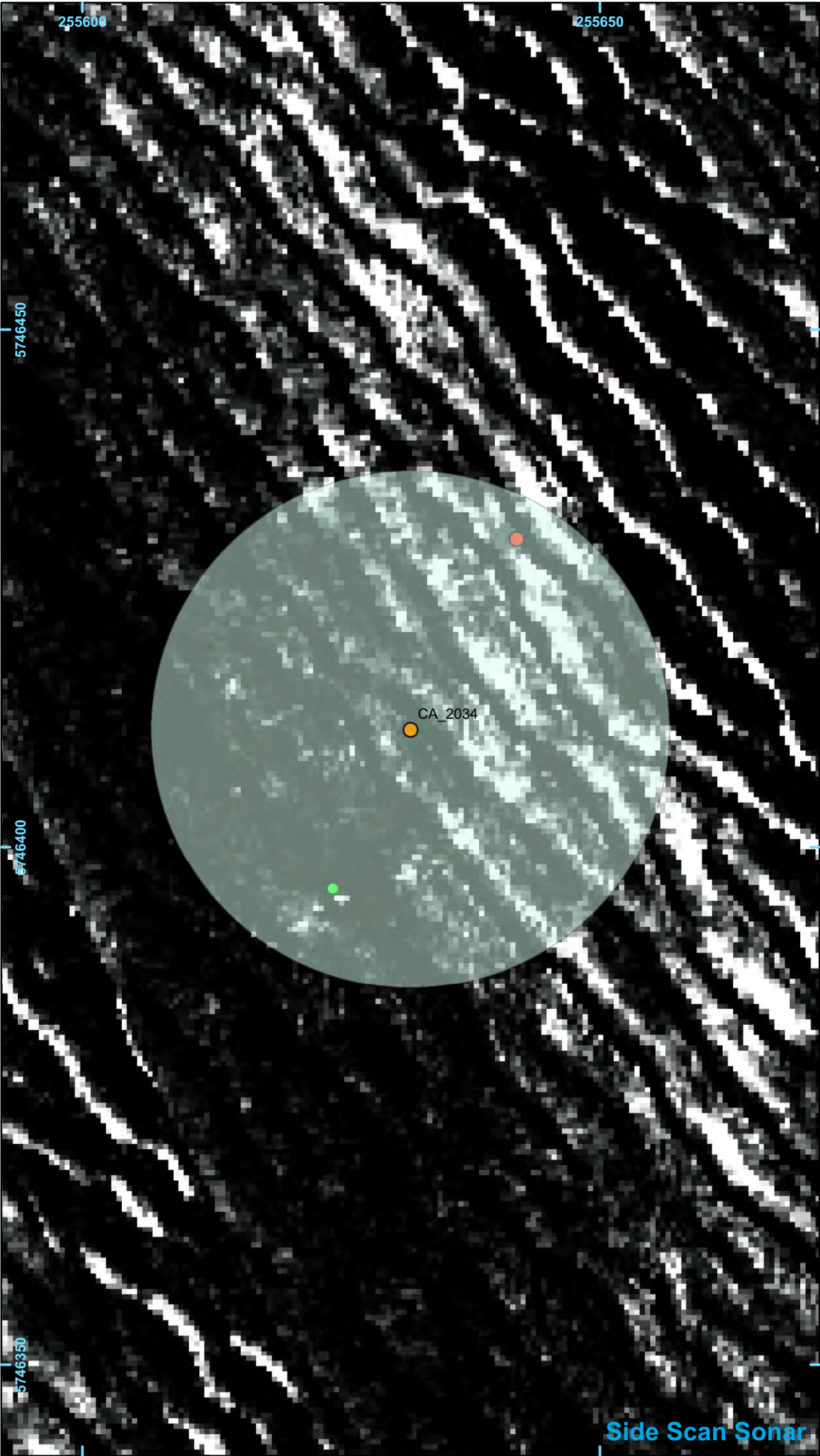
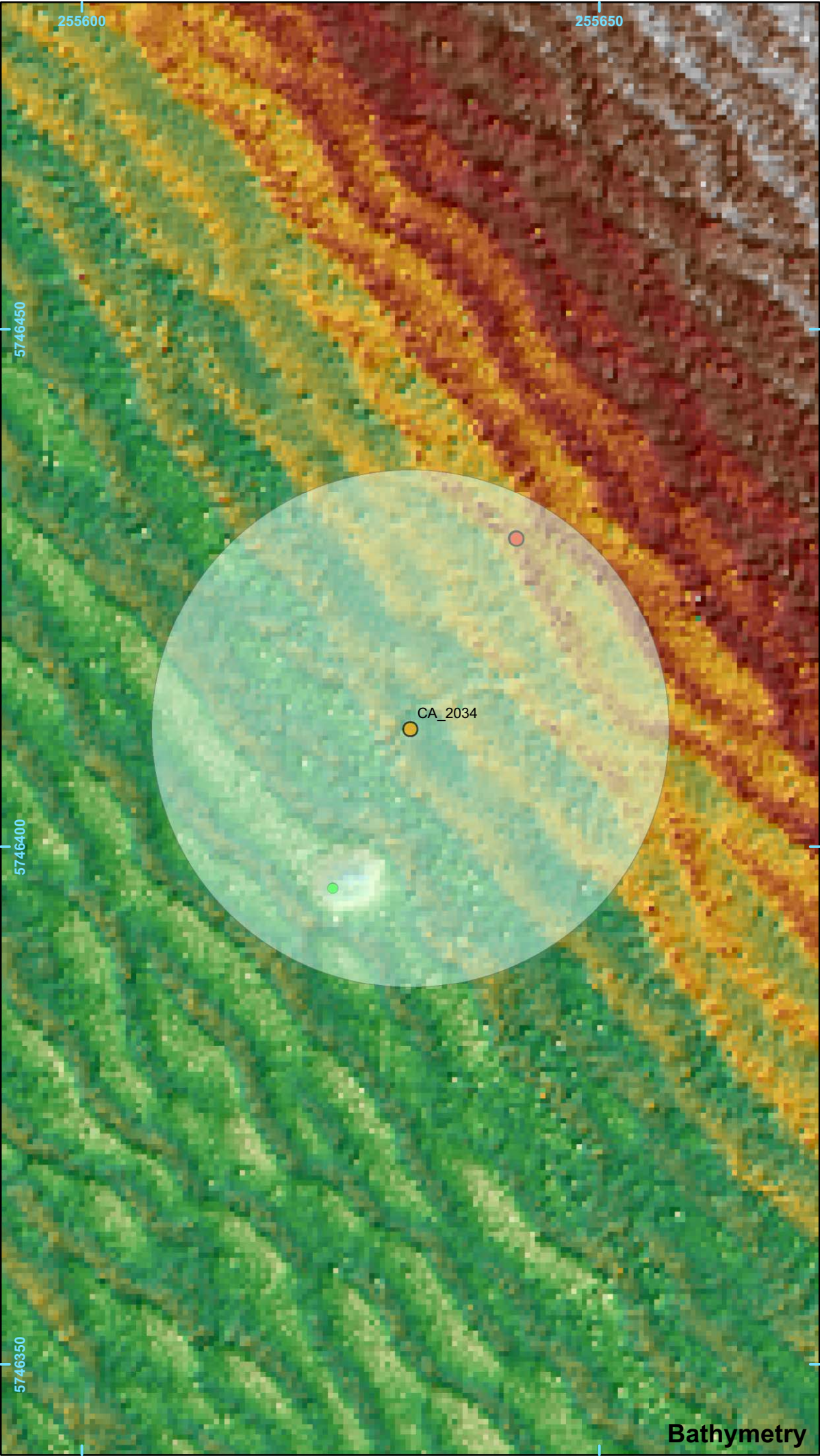
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PROJECT TITLE
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FIGURE TITLE
Archaeological Anomaly CA_2033

DRAWN BY	MJG (UoS)	PROJECT NO	770349	FIGURE NO.
CHECKED BY	RK	DATE	01/04/2019	B.22
APPROVED BY	MW	SCALE@A3	1:500	





Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -67.143
 - Low : -68.507



017.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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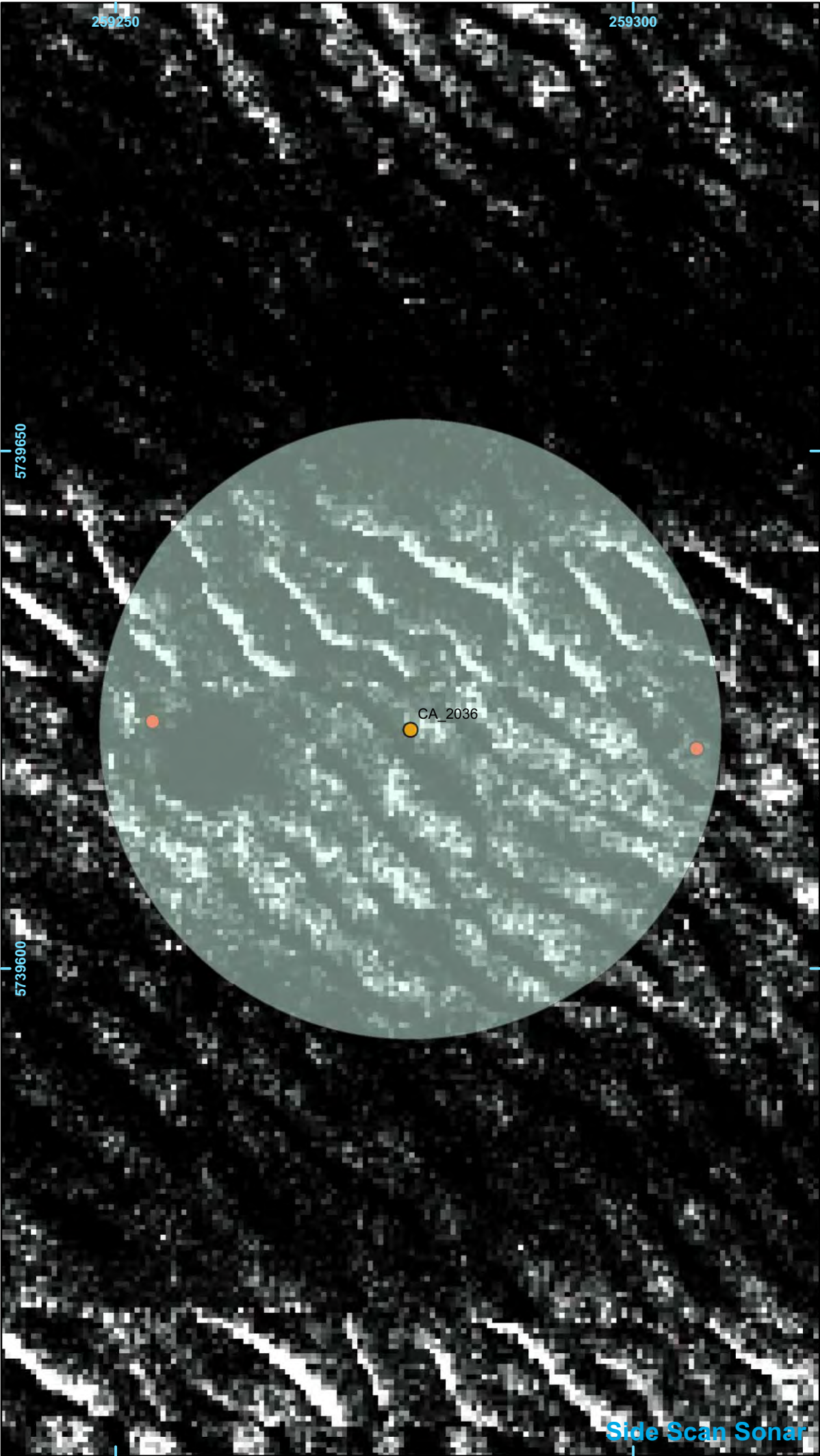
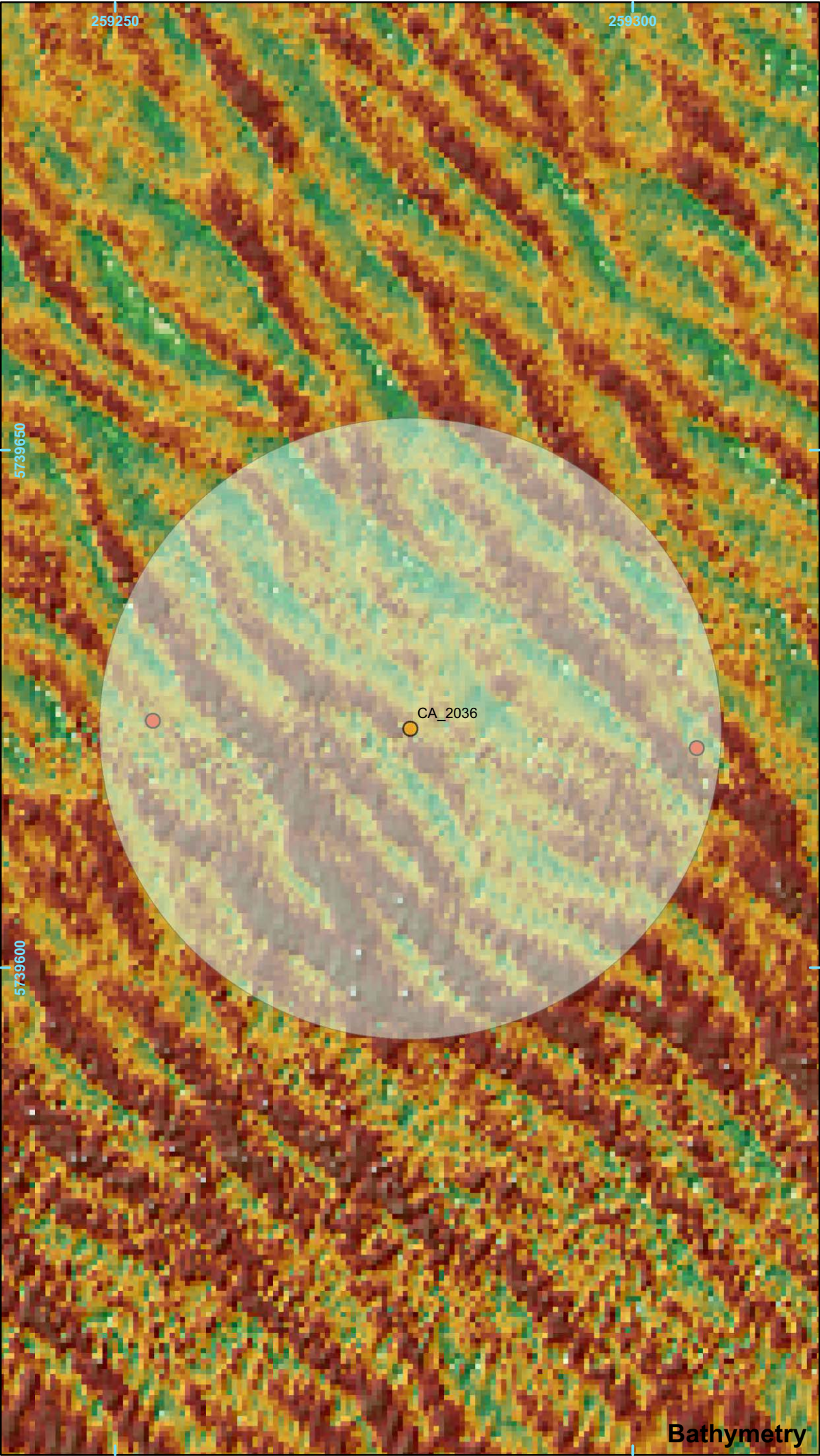
PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Archaeological Anomaly CA_2034

DRAWN BY	MJG (UoS)	PROJECT NO	770349	FIGURE NO.
CHECKED BY	RK	DATE	01/04/2019	B.23
APPROVED BY	MW	SCALE@A3	1:500	



Legend

Route Centreline

Route Corridor

Archaeological Anomaly

High

Medium

Low

Archaeological Exclusion Zone

Side Scan Sonar Anomaly

Magnetic Anomaly

0.5 - 2 nT

2 - 5 nT

5 - 10 nT

10 - 25 nT

> 25.0 nT

Bathymetry (mLAT)

High : -68.017

Low : -68.644

0

17.5m

Coordinate System: WGS 1984 UTM Zone 30N

Projection: Transverse Mercator

Datum: WGS 1984

False Easting: 500,000.0000

False Northing: 0.0000

Central Meridian: -3.0000

Scale Factor: 0.9996

Latitude Of Origin: 0.0000

Units: Meter

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PROJECT TITLE

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FIGURE TITLE

Archaeological Anomaly CA_2036

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MJG (UoS)

PROJECT NO

770349

FIGURE NO.

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01/04/2019

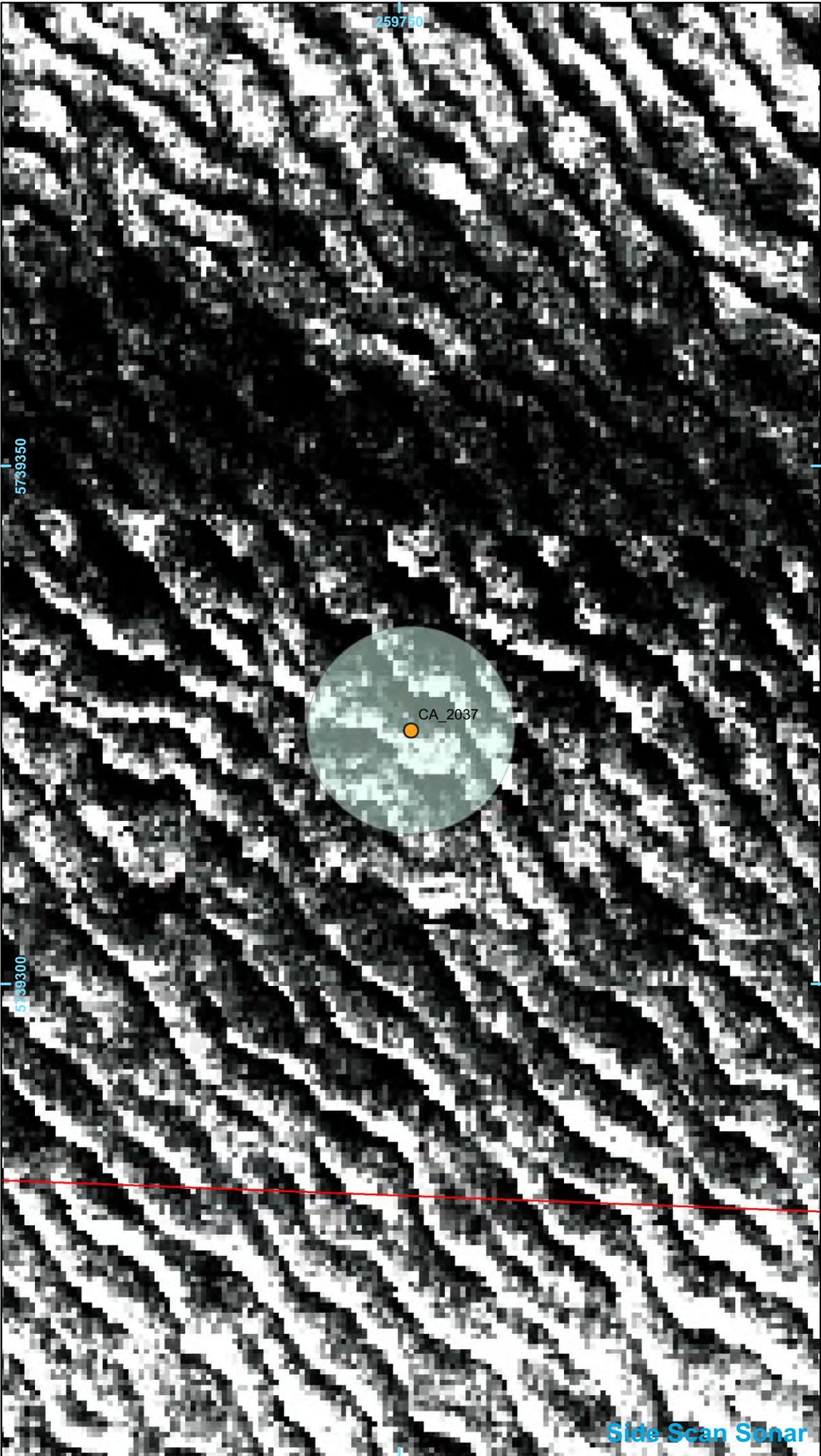
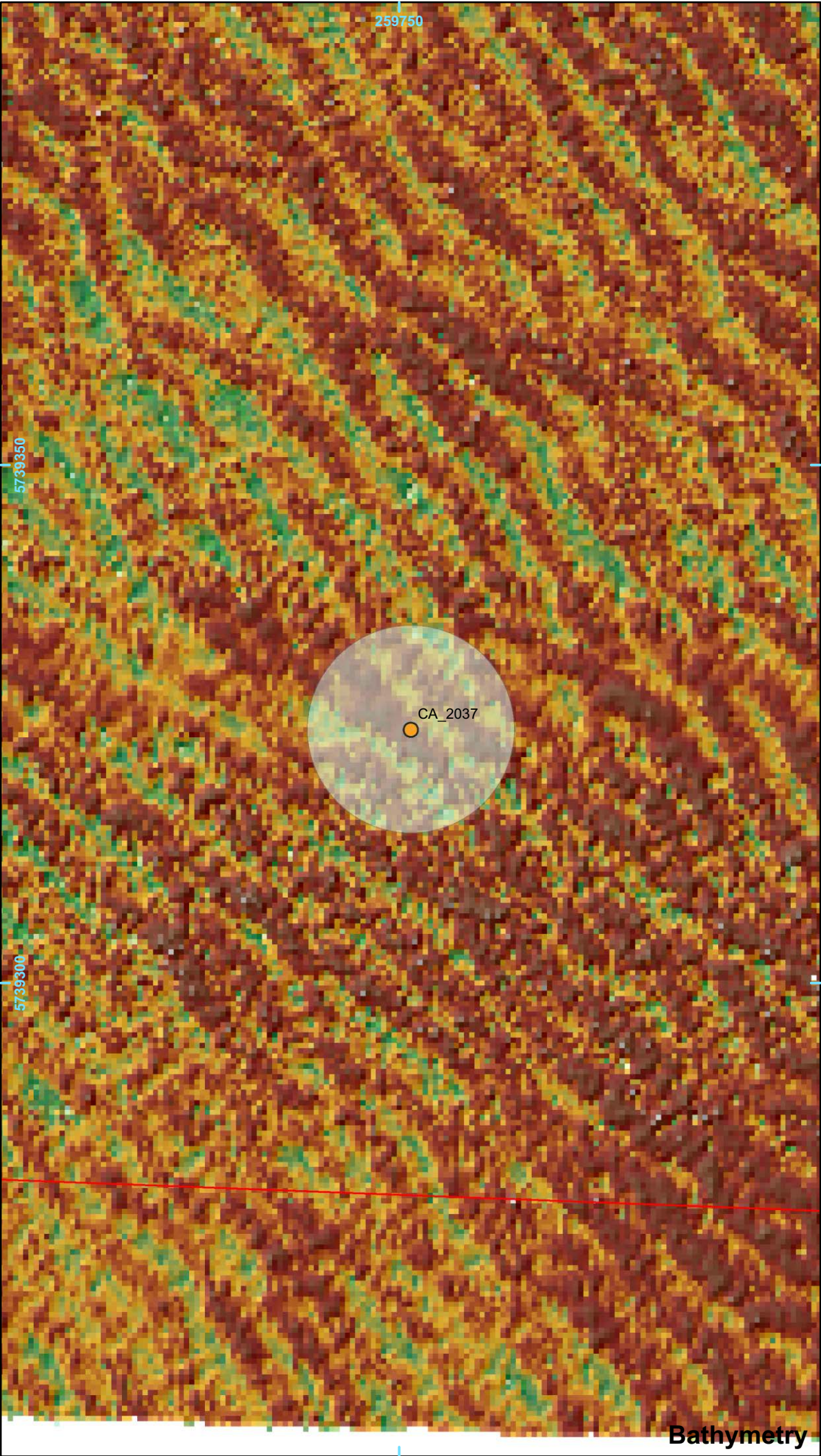
B.24

APPROVED BY

MW

SCALE@A3

1:500



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -67.904
 - Low : -68.696

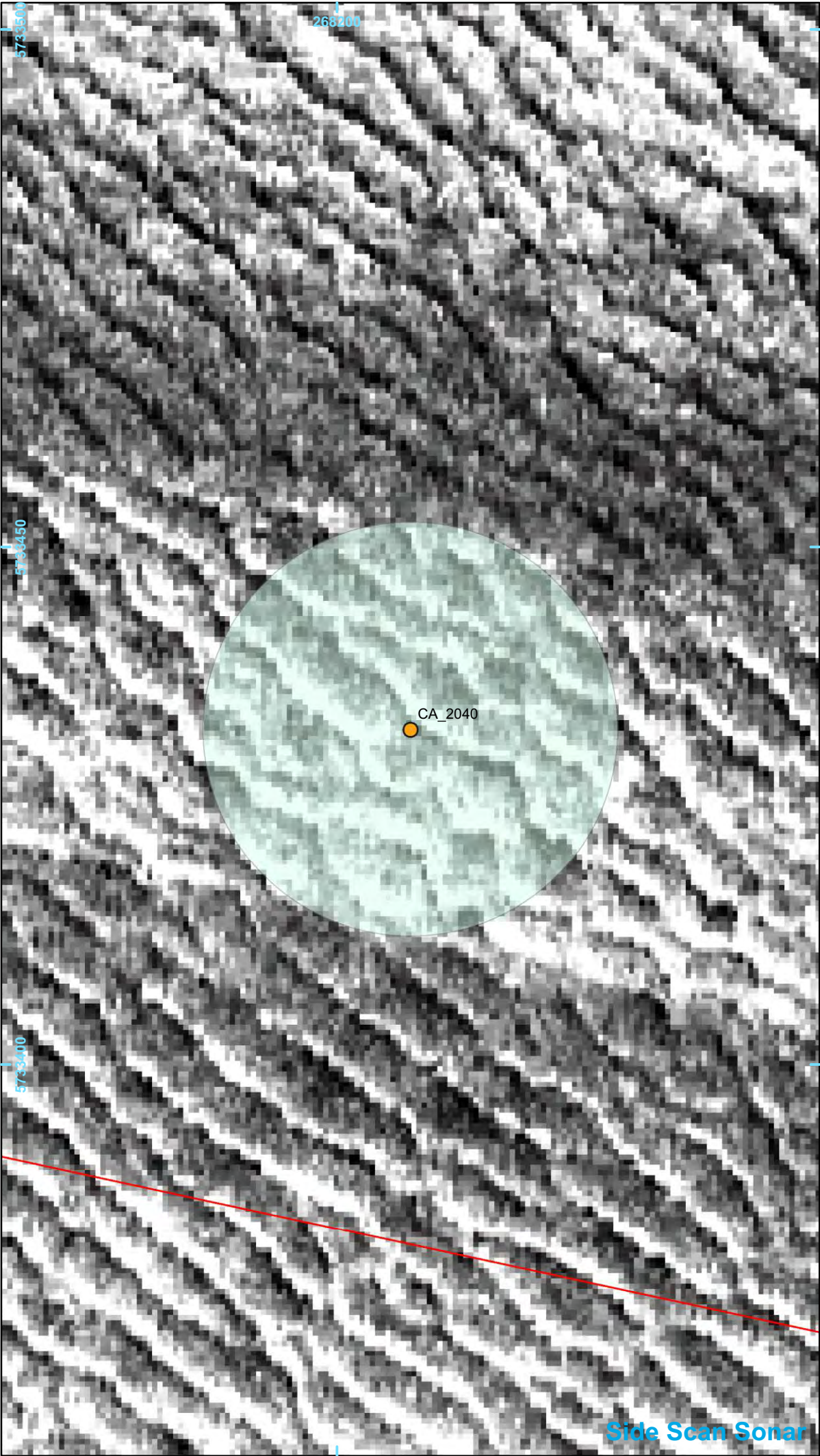
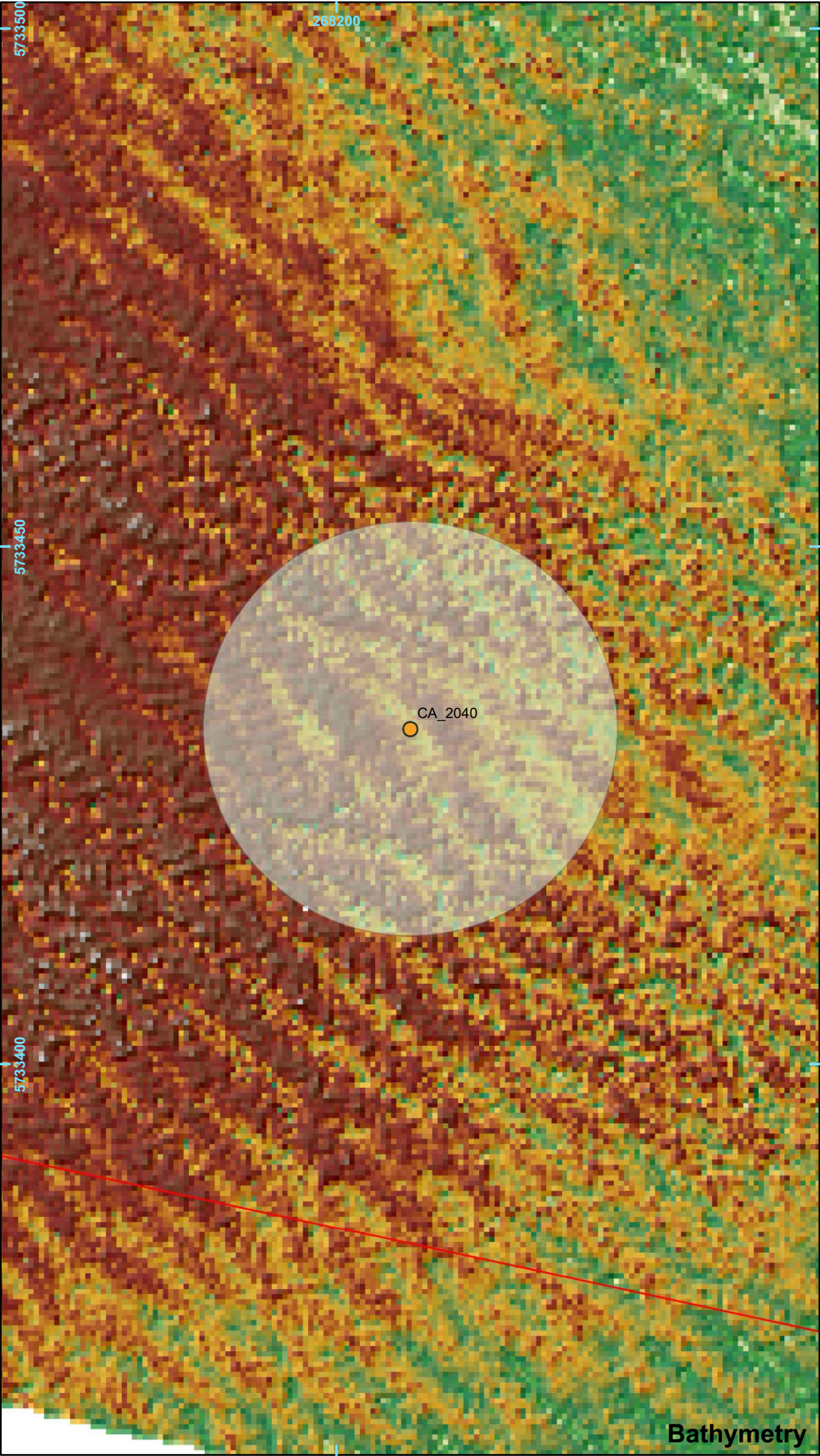
0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -68.485
 - Low : -69.444

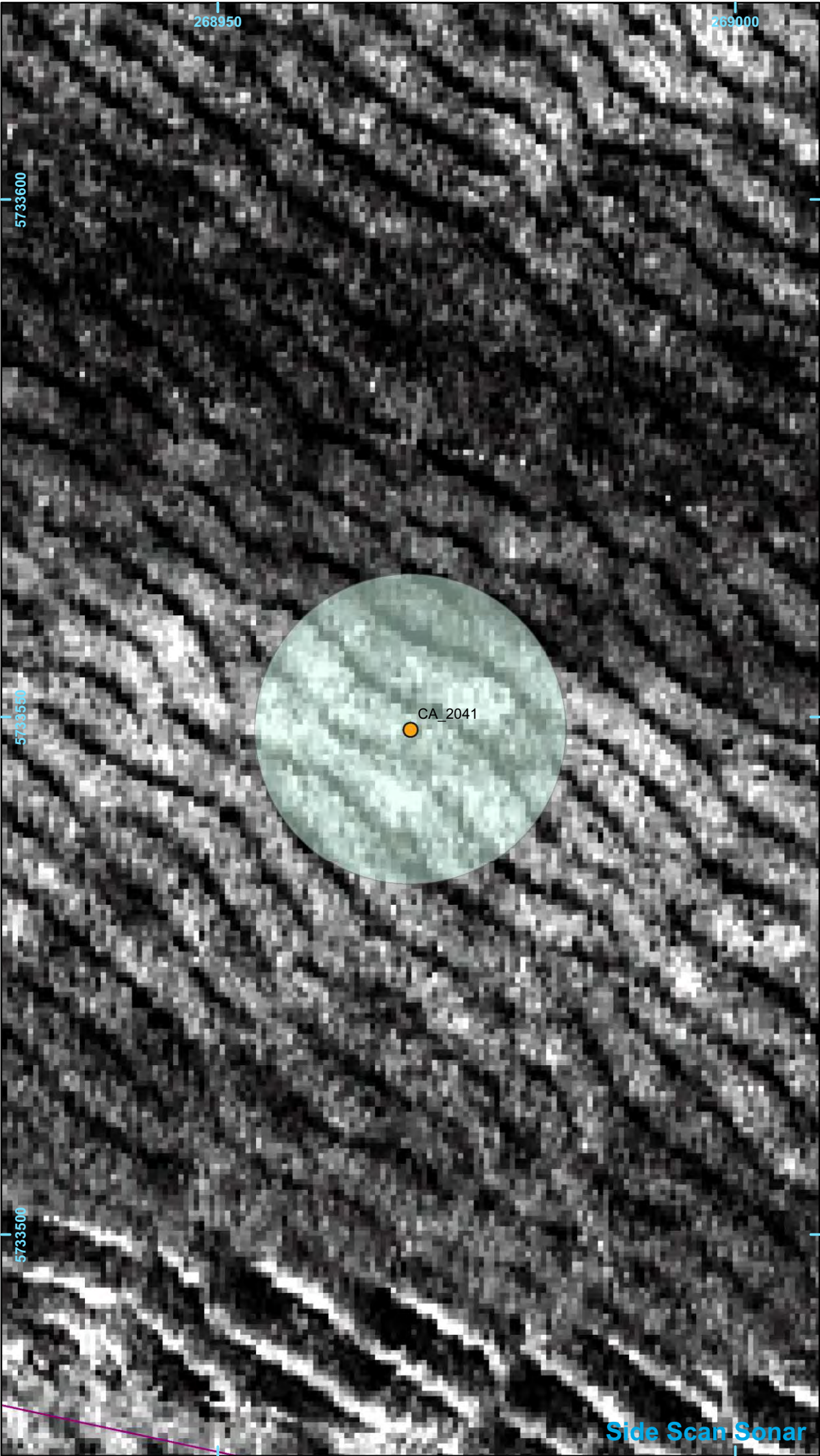
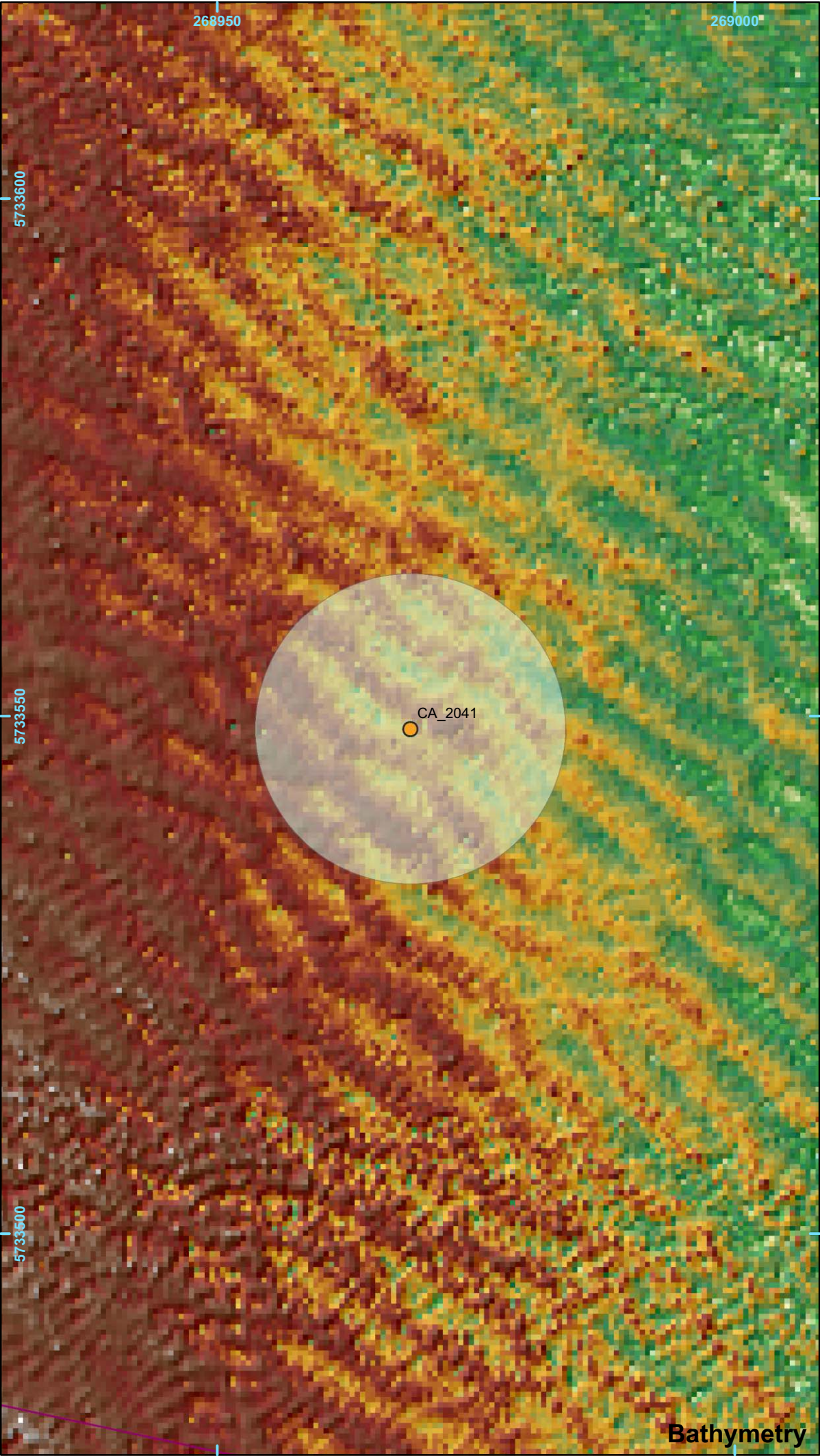
0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -70.972
 - Low : -71.965



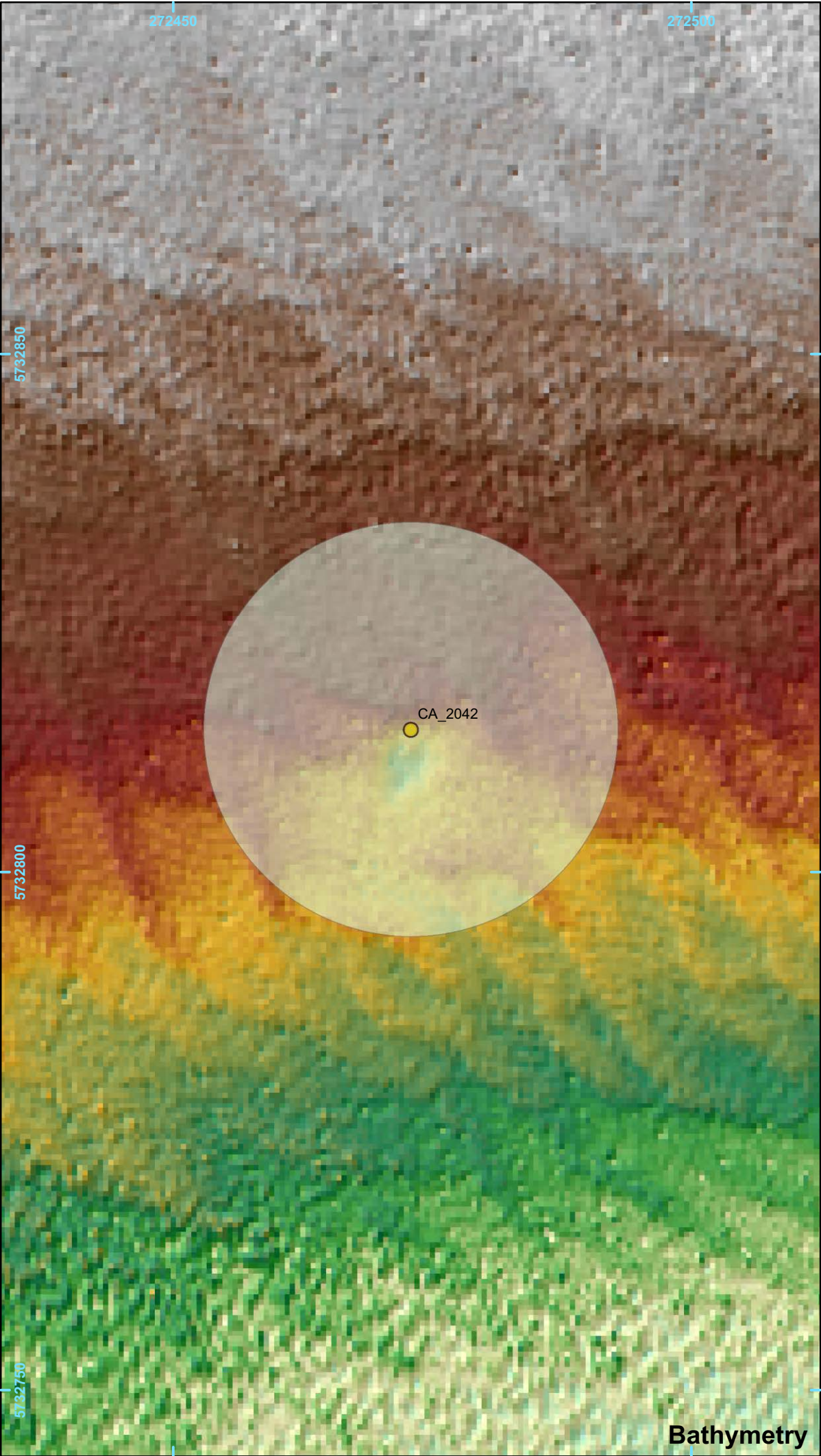
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Datum: WGS 1984
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Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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PROJECT TITLE
Greenlink Interconnector project

FIGURE TITLE
Archaeological Anomaly CA_2041



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -78.817
 - Low : -81.054

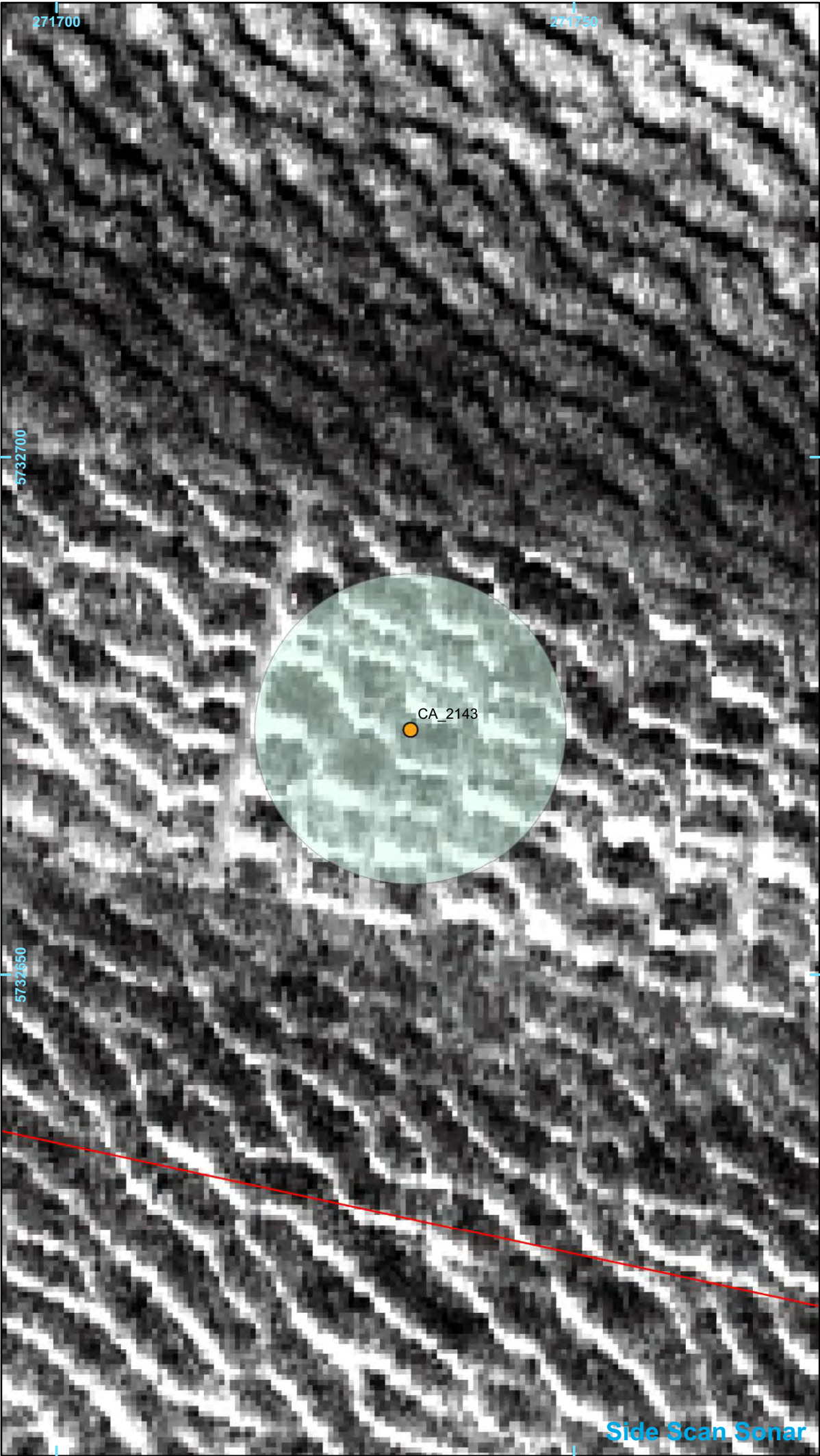
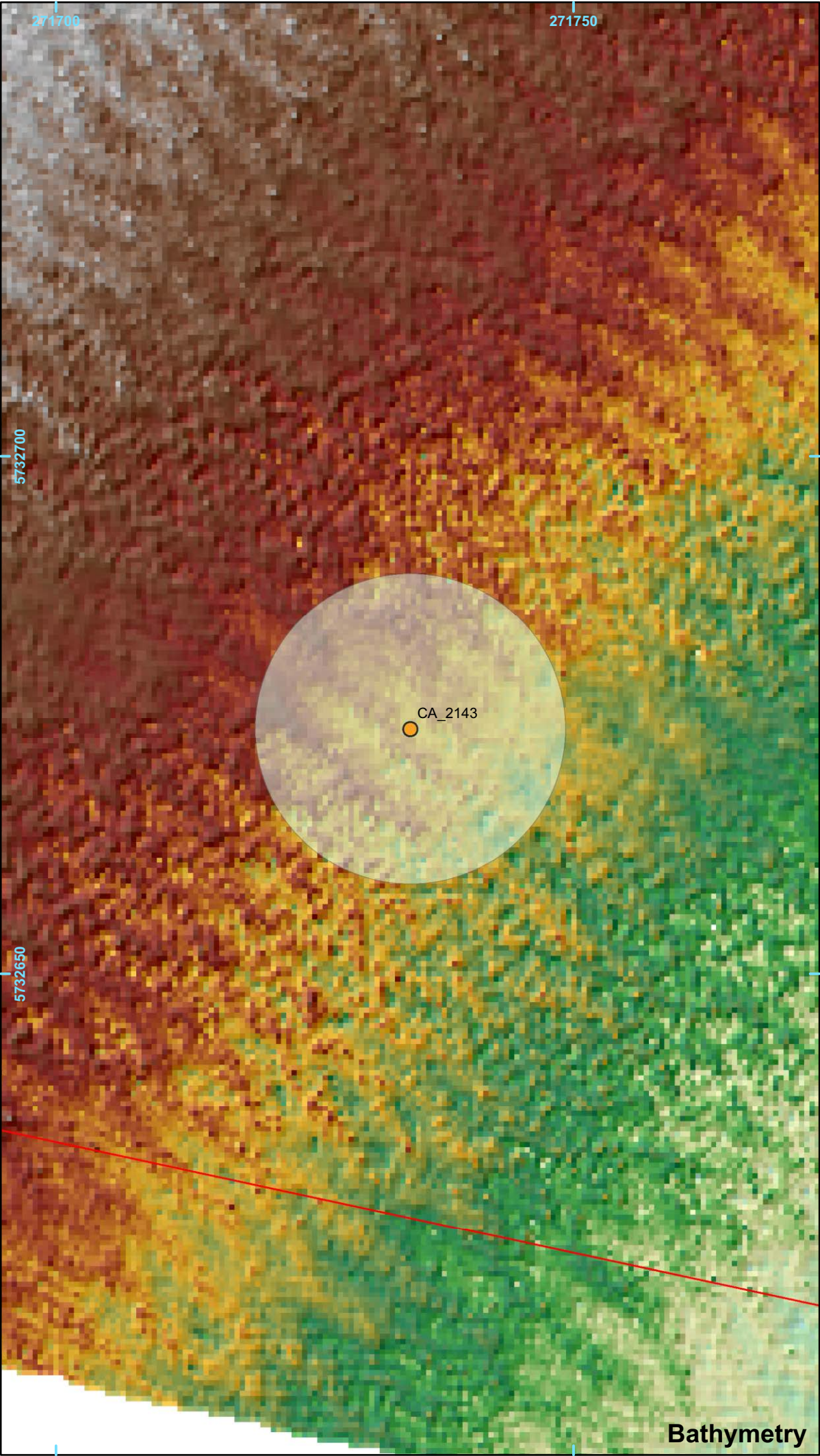
0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -75.306
 - Low : -77.056

0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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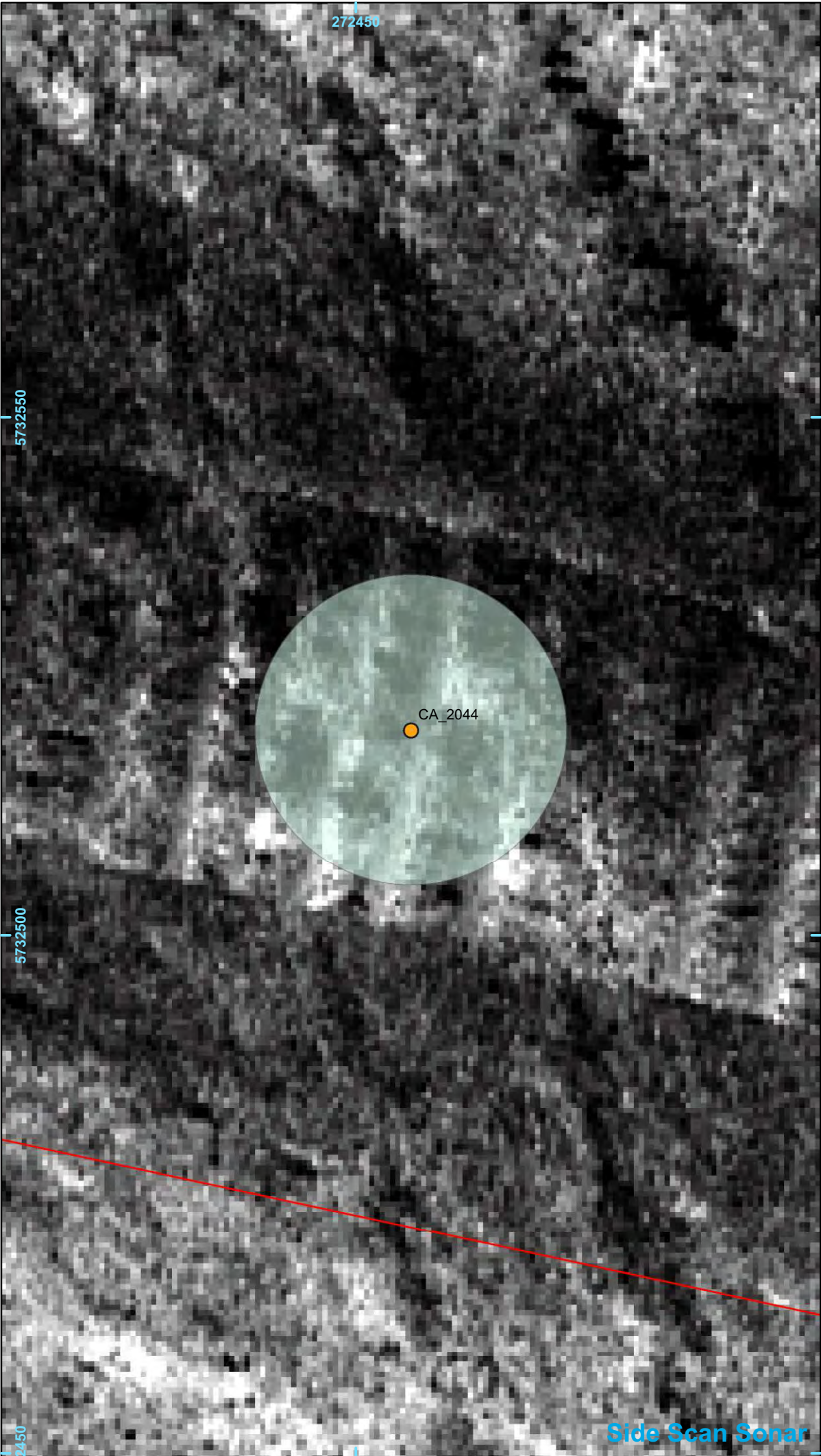
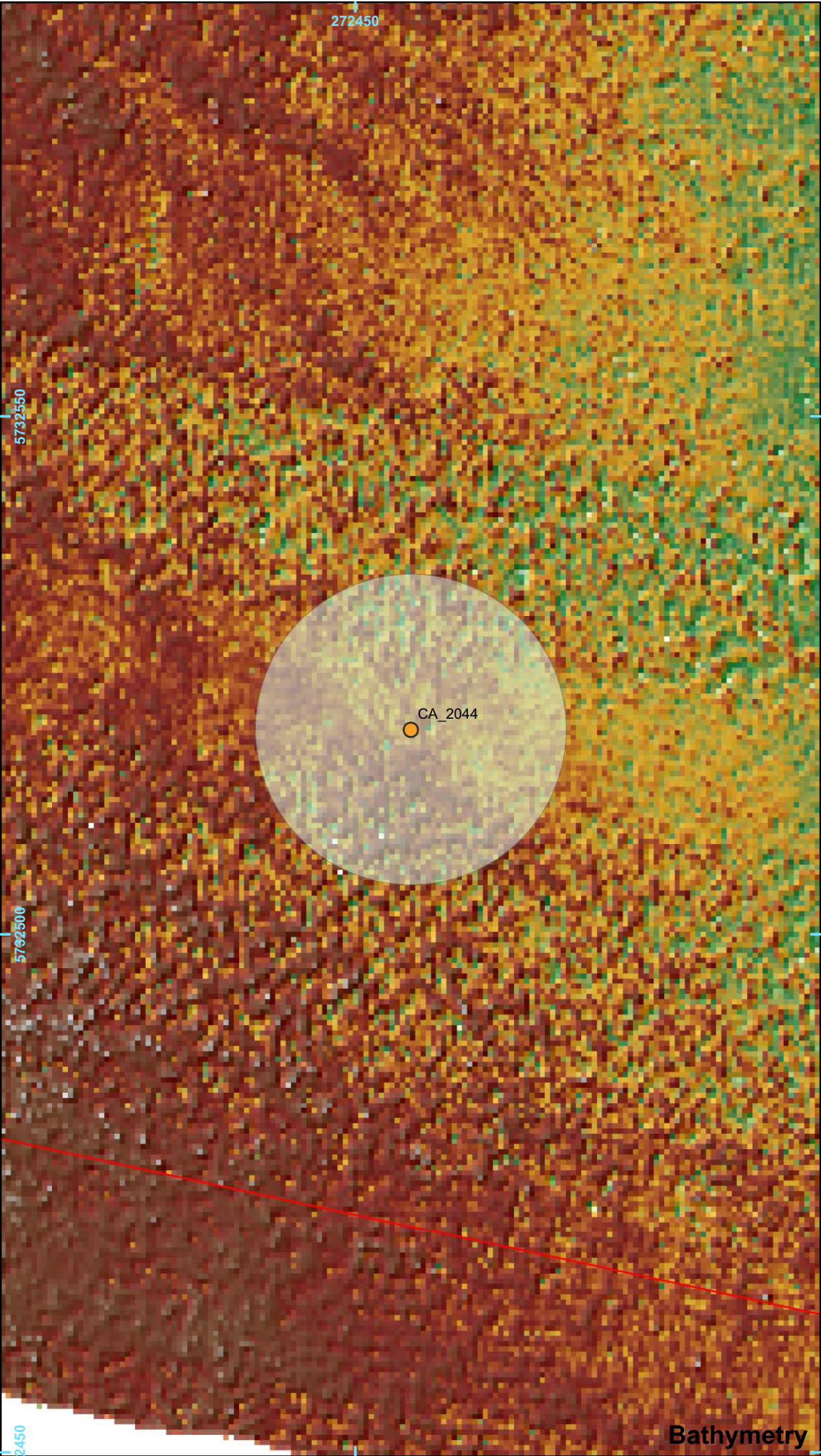
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PROJECT TITLE
Greenlink Interconnector project

FIGURE TITLE
Archaeological Anomaly CA_2143

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CHECKED BY	RK	DATE	01/04/2019	B.29
APPROVED BY	MW	SCALE@A3	1:500	



Legend

Route Centreline

Route Corridor

Archaeological Anomaly

High

Medium

Low

Archaeological Exclusion Zone

Side Scan Sonar Anomaly

Magnetic Anomaly

0.5 - 2 nT

2 - 5 nT

5 - 10 nT

10 - 25 nT

> 25.0 nT

Bathymetry (mLAT)

High : -80.357

Low : -81.096

0

17.5m

Coordinate System: WGS 1984 UTM Zone 30N

Projection: Transverse Mercator

Datum: WGS 1984

False Easting: 500,000.0000

False Northing: 0.0000

Central Meridian: -3.0000

Scale Factor: 0.9996

Latitude Of Origin: 0.0000

Units: Meter

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PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Archaeological Anomaly CA_2044

DRAWN BY

MJG (UoS)

PROJECT NO

770349

FIGURE NO.

CHECKED BY

RK

DATE

01/04/2019

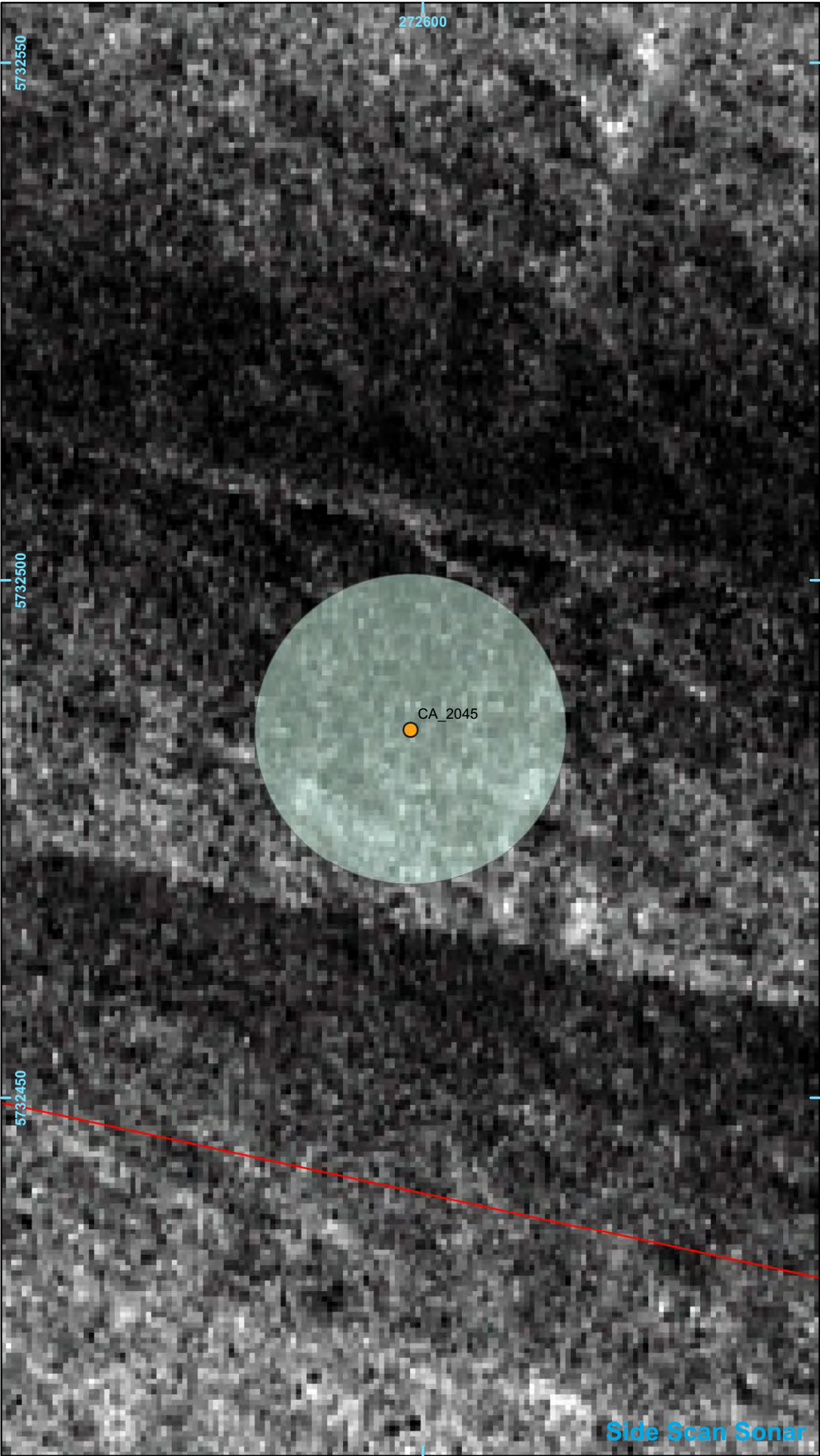
APPROVED BY

MW

SCALE@A3

1:500

B.30



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -80.718
 - Low : -81.916

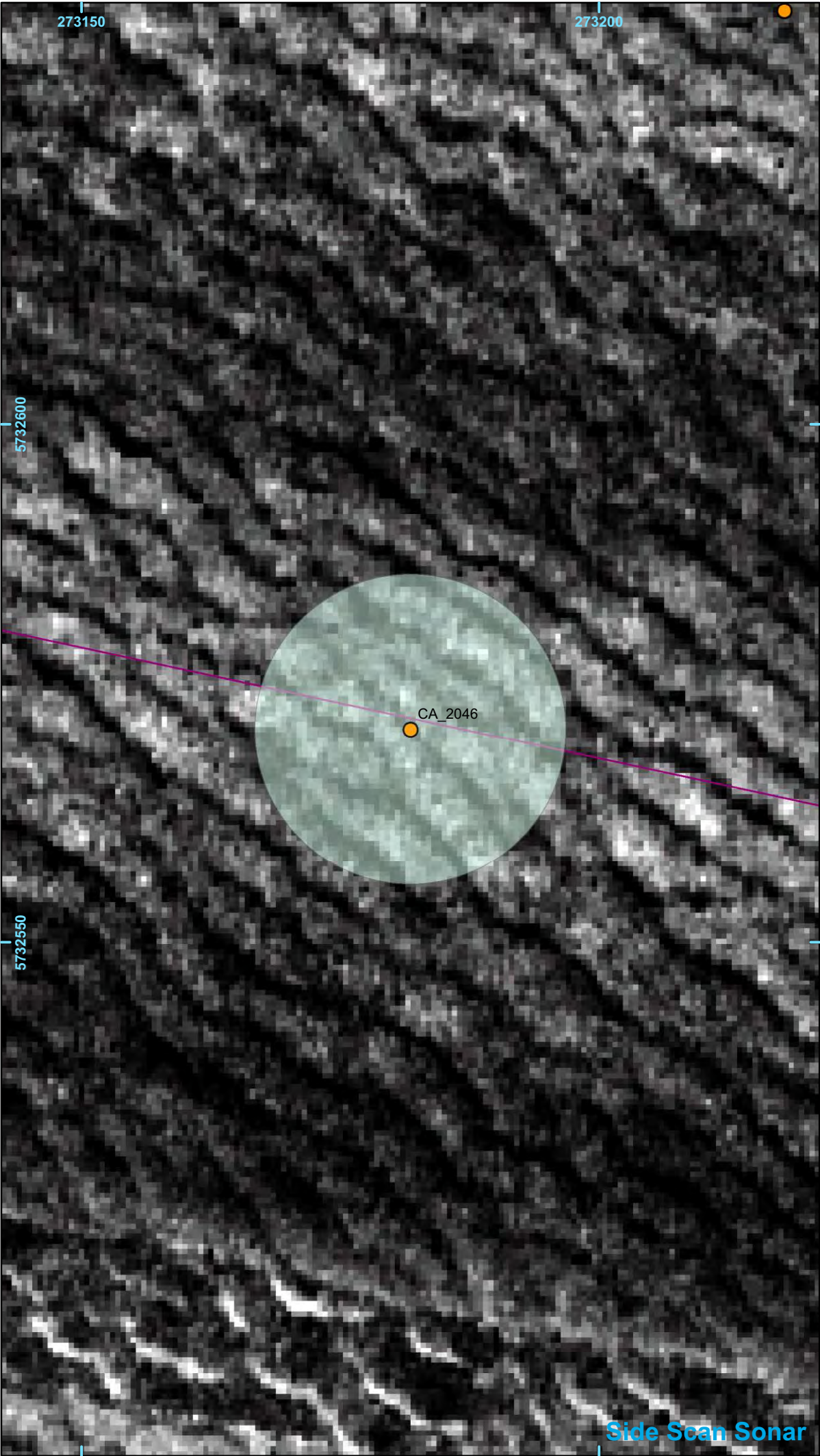
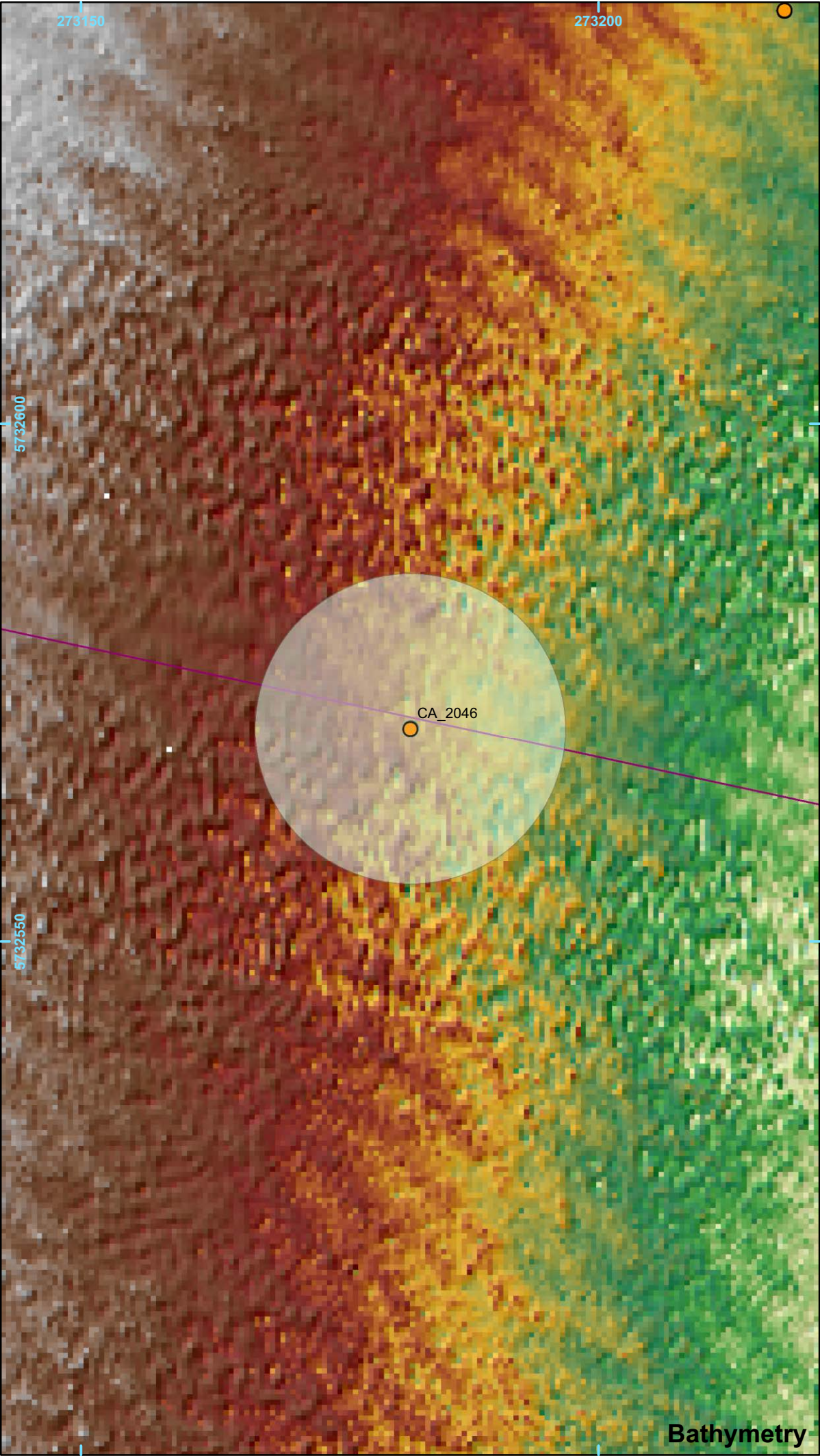
0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -82.381
 - Low : -83.783

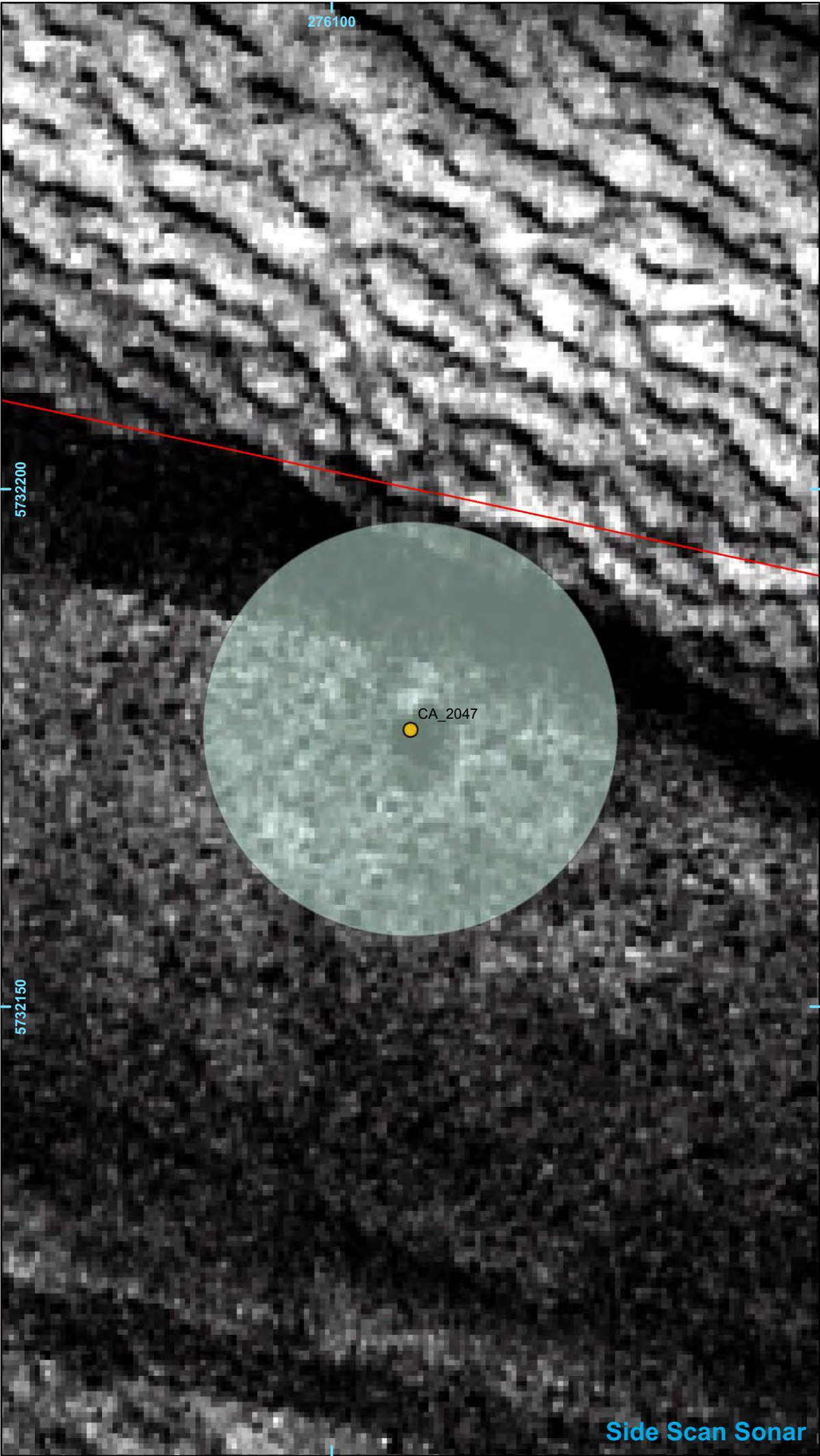
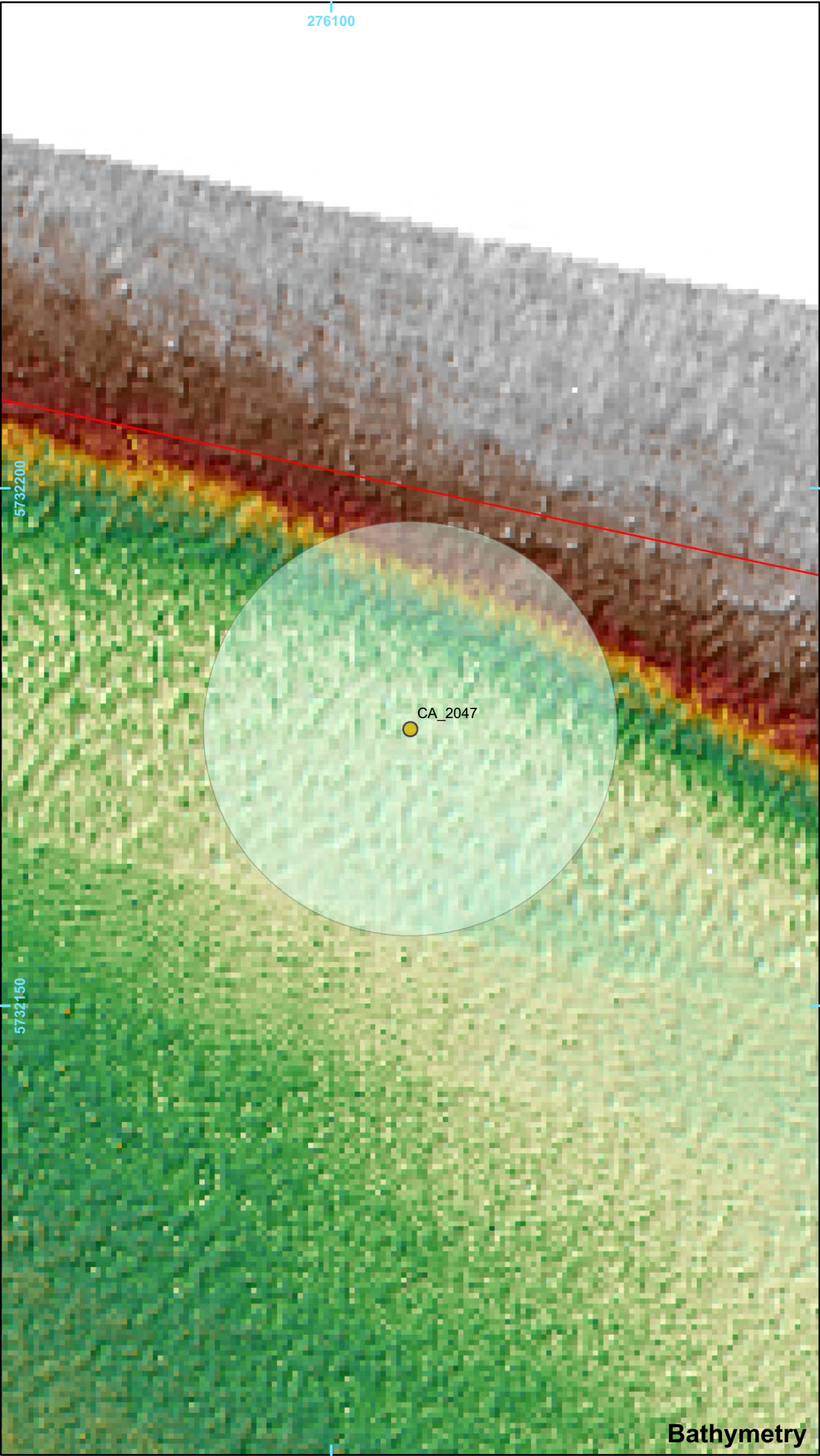
0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -89.967
 - Low : -92.338

0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

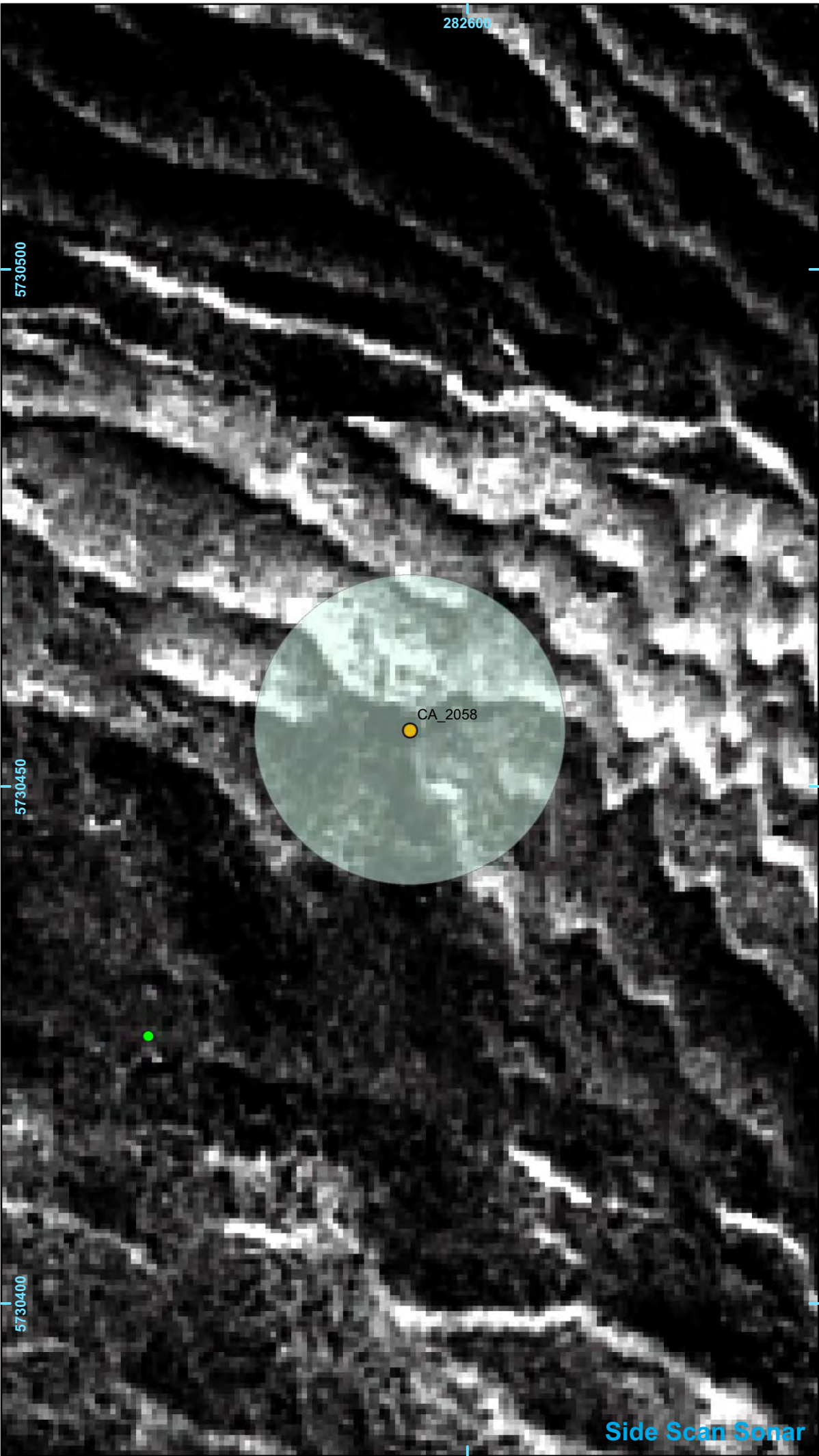
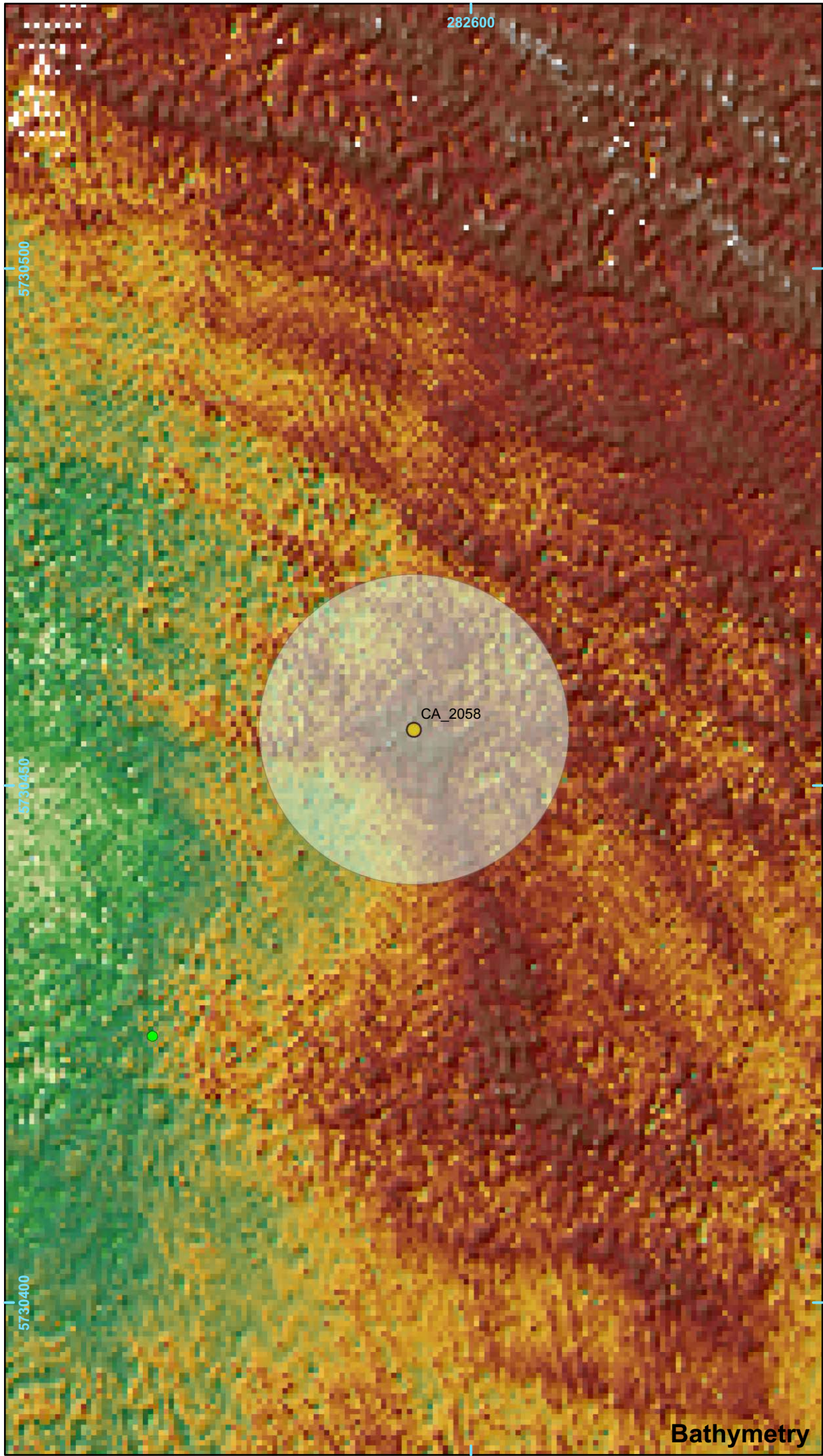
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PROJECT TITLE
Greenlink Interconnector project

FIGURE TITLE
Archaeological Anomaly CA_2047

DRAWN BY	MJG (UoS)	PROJECT NO	770349	FIGURE NO.
CHECKED BY	RK	DATE	01/04/2019	B.33
APPROVED BY	MW	SCALE@A3	1:500	



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -110.631
 - Low : -112.169

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

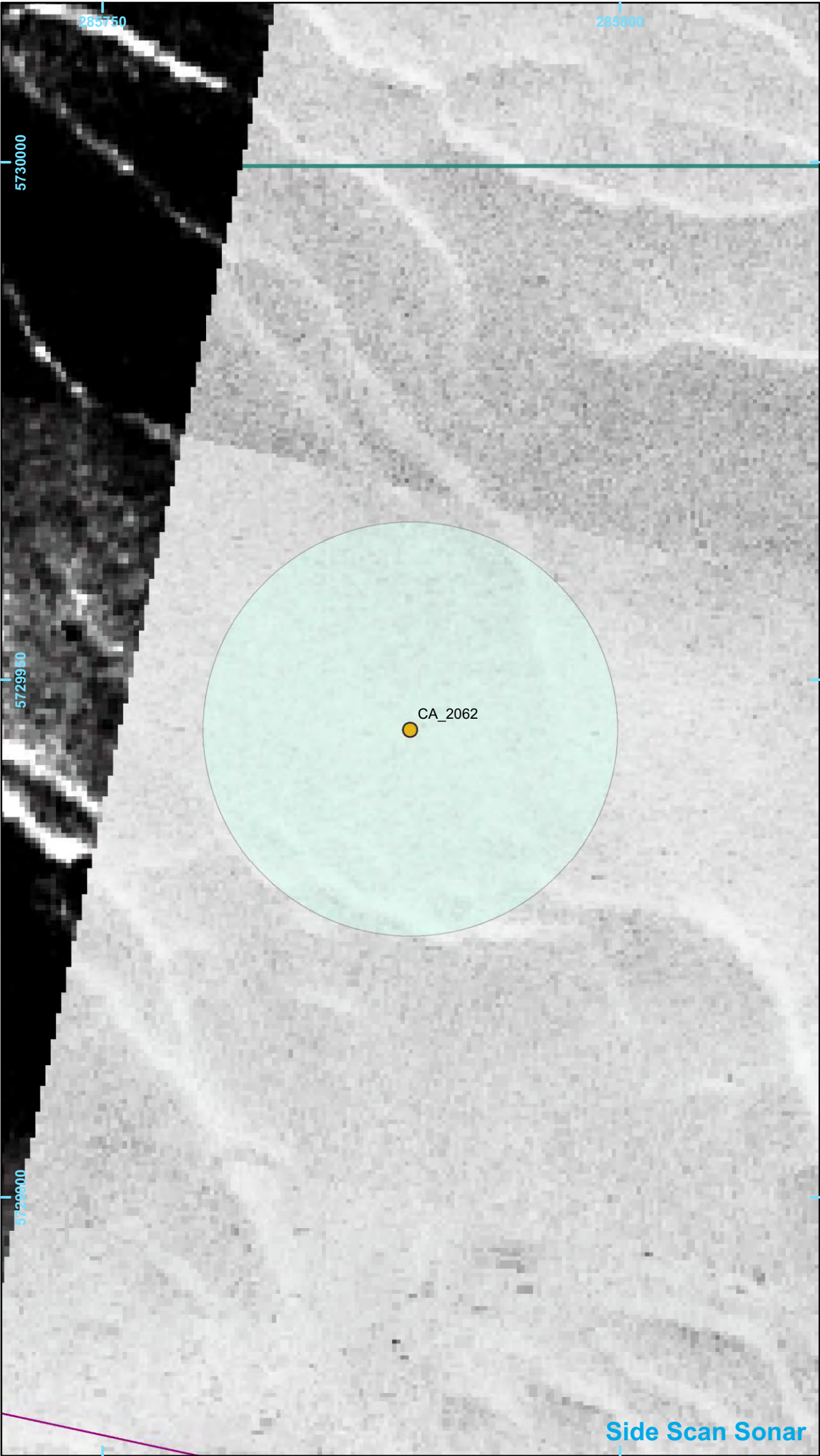
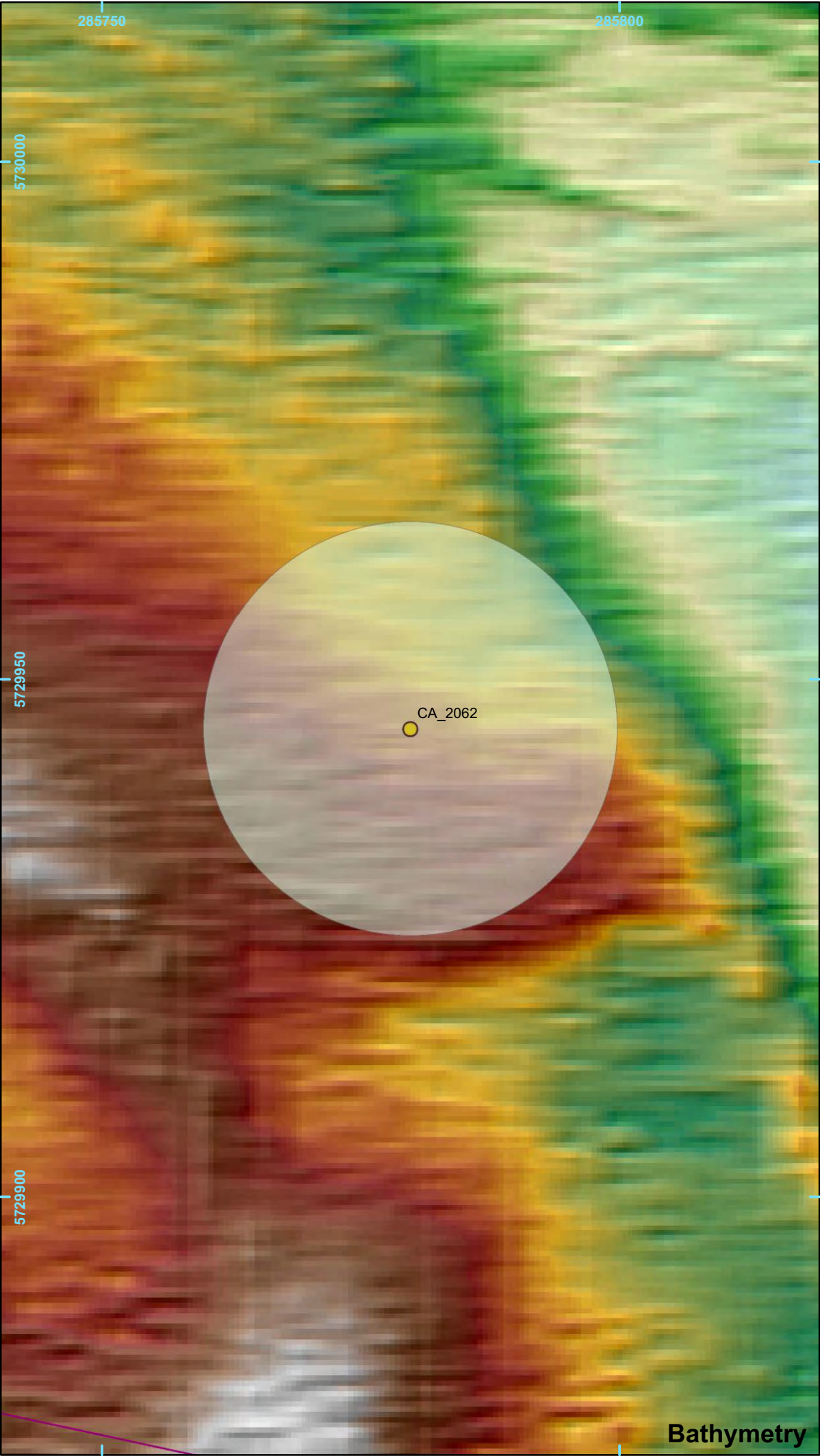
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PROJECT TITLE
Greenlink Interconnector project

FIGURE TITLE
Archaeological Anomaly CA_2058

DRAWN BY	MJG (UoS)	PROJECT NO	770349	FIGURE NO.
CHECKED BY	RK	DATE	01/04/2019	B.34
APPROVED BY	MW	SCALE@A3	1:500	



Legend

Route Centreline

Route Corridor

Archaeological Anomaly

High

Medium

Low

Archaeological Exclusion Zone

Side Scan Sonar Anomaly

Magnetic Anomaly

0.5 - 2 nT

2 - 5 nT

5 - 10 nT

10 - 25 nT

> 25.0 nT

Bathymetry (mLAT)

High : -113.034

Low : -114.882

0

17.5m

Coordinate System: WGS 1984 UTM Zone 30N

Projection: Transverse Mercator

Datum: WGS 1984

False Easting: 500,000.0000

False Northing: 0.0000

Central Meridian: -3.0000

Scale Factor: 0.9996

Latitude Of Origin: 0.0000

Units: Meter

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PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Archaeological Anomaly CA_2062

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MJG (UoS)

RK

MW

PROJECT NO

DATE

SCALE@A3

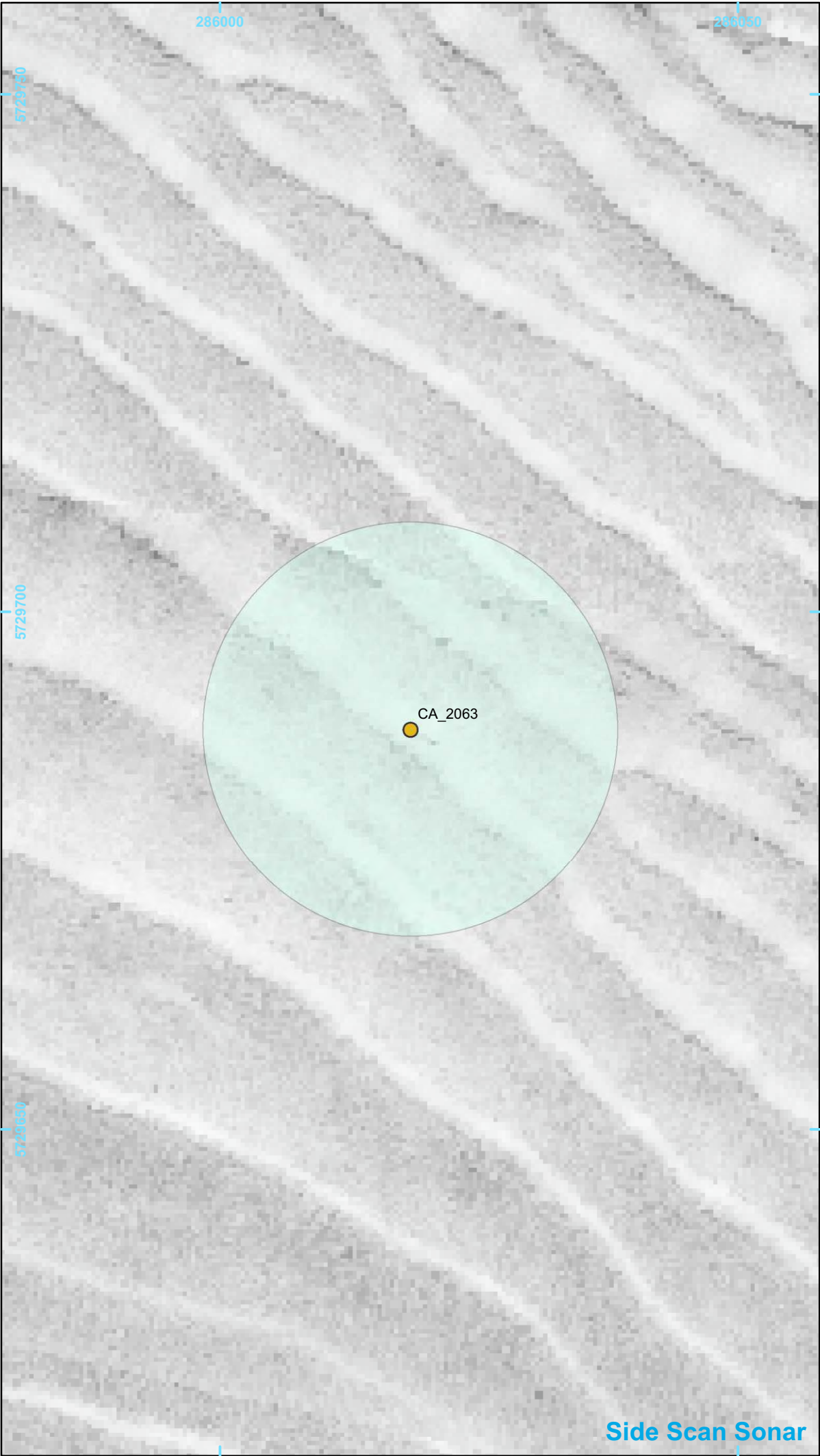
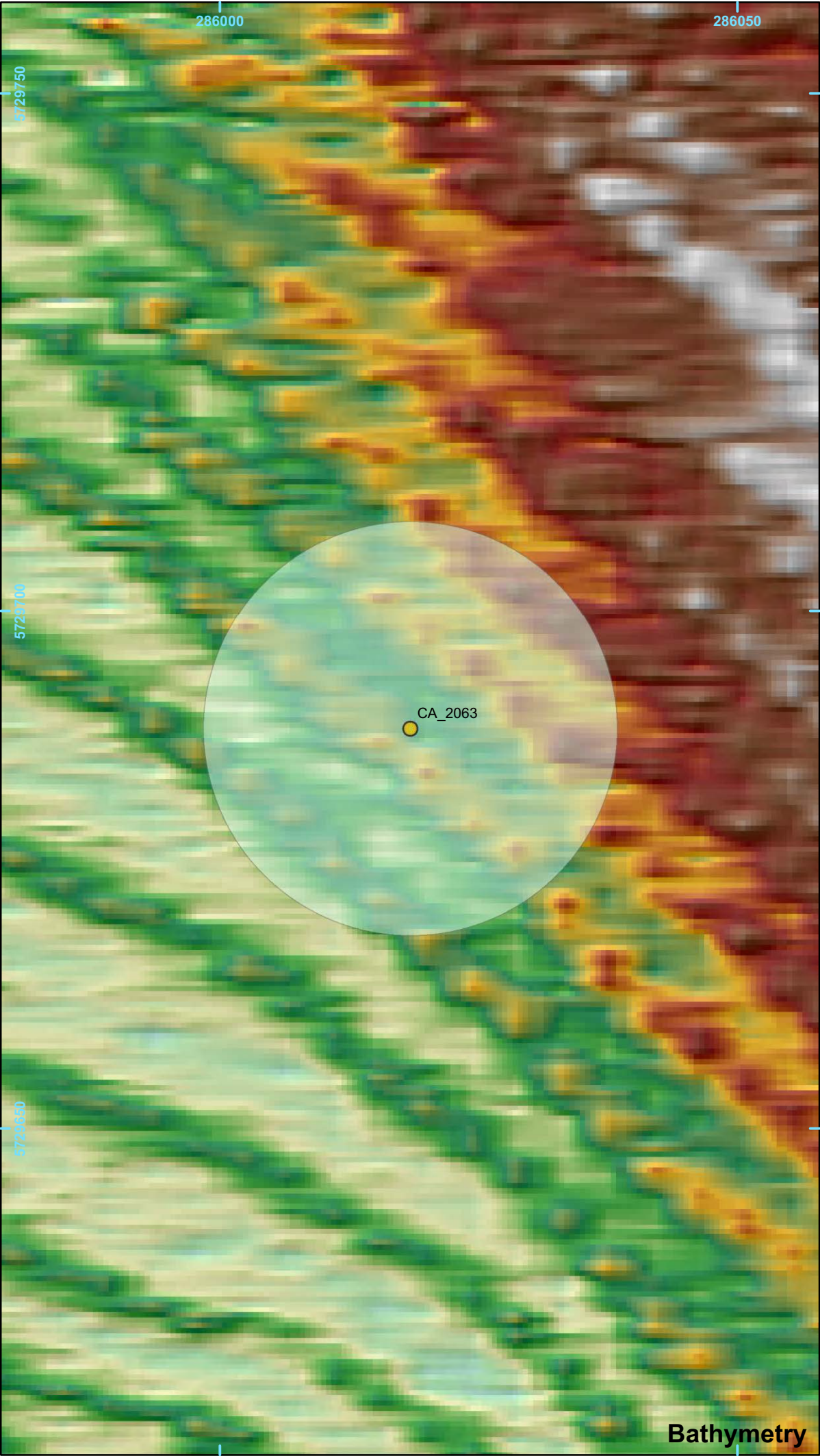
770349

01/04/2019

1:500

FIGURE NO.

B.35



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -113.653
 - Low : -114.56



Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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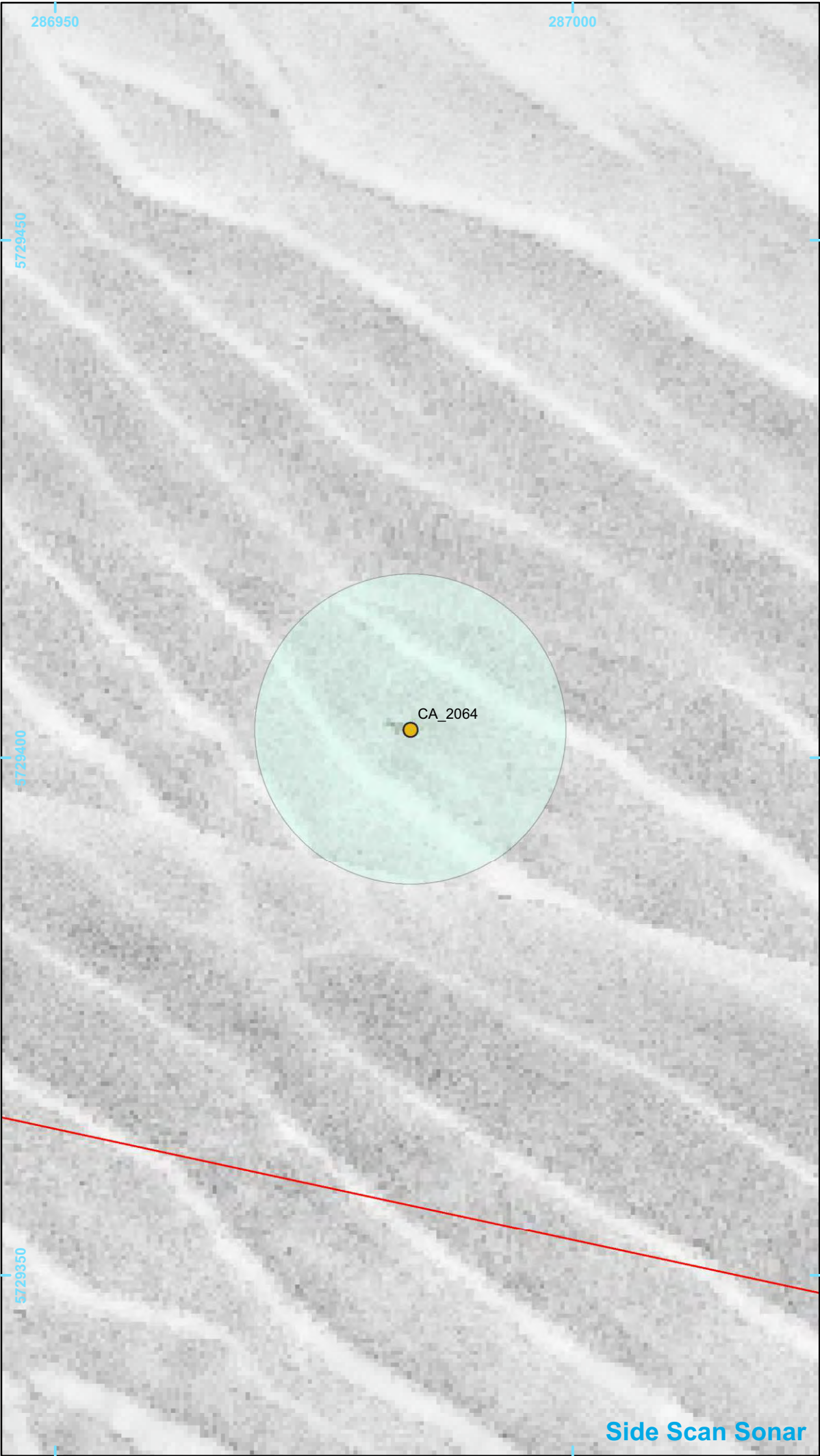
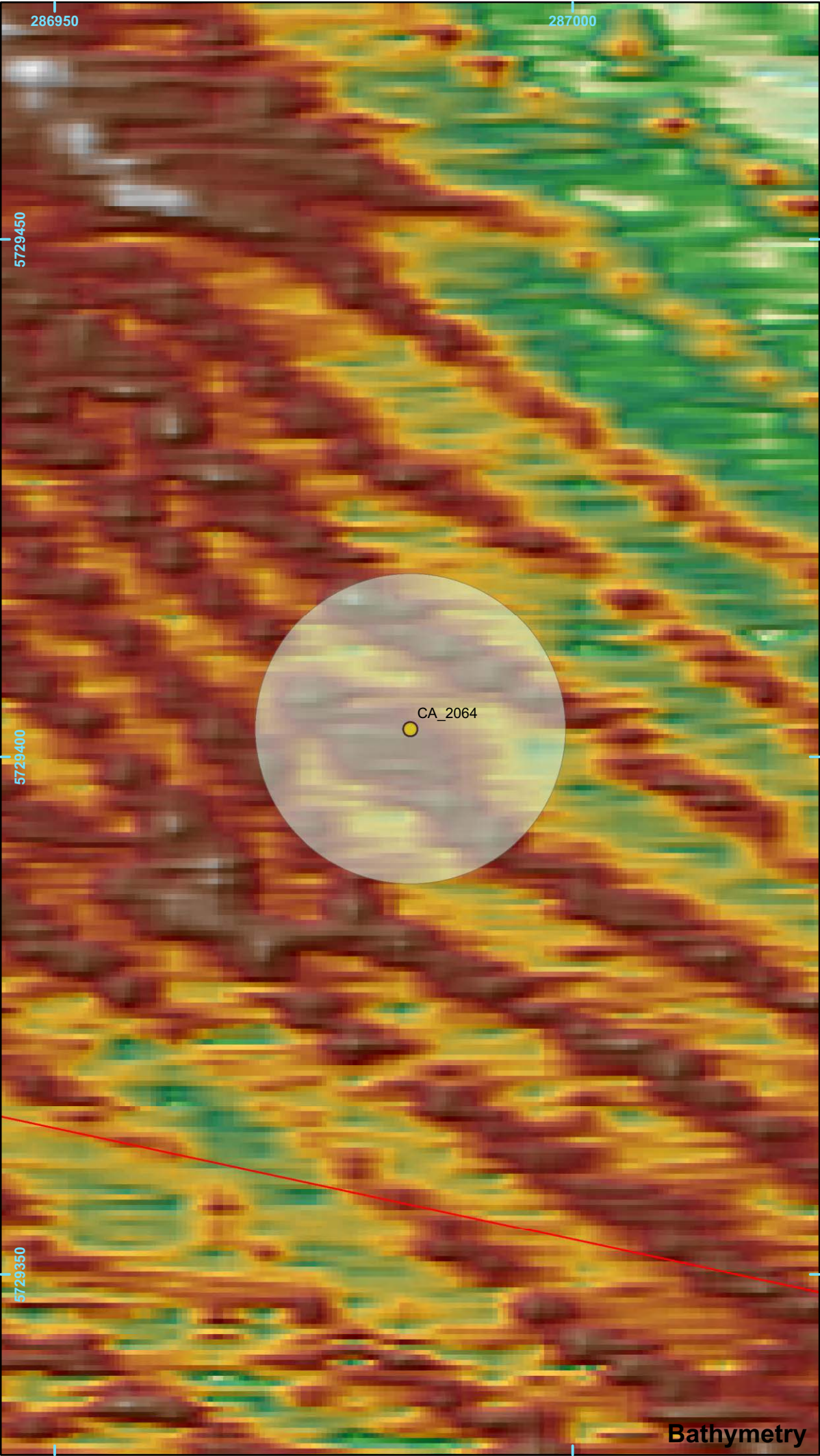
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PROJECT TITLE
Greenlink Interconnector project

FIGURE TITLE
Archaeological Anomaly CA_2063

DRAWN BY	MJG (UoS)	PROJECT NO	770349	FIGURE NO.
CHECKED BY	RK	DATE	01/04/2019	B.36
APPROVED BY	MW	SCALE@A3	1:500	



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -113.357
 - Low : -114.057

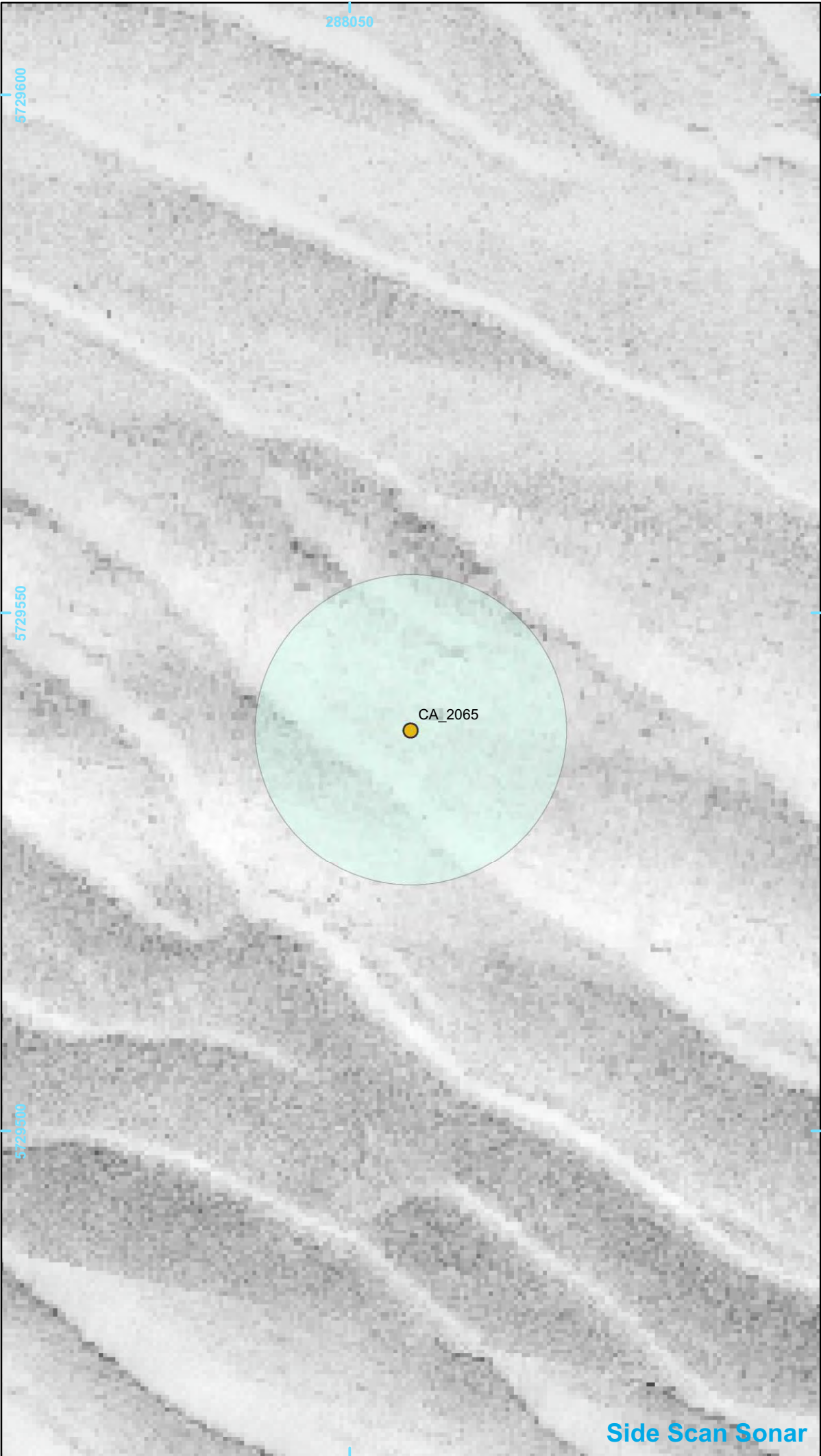
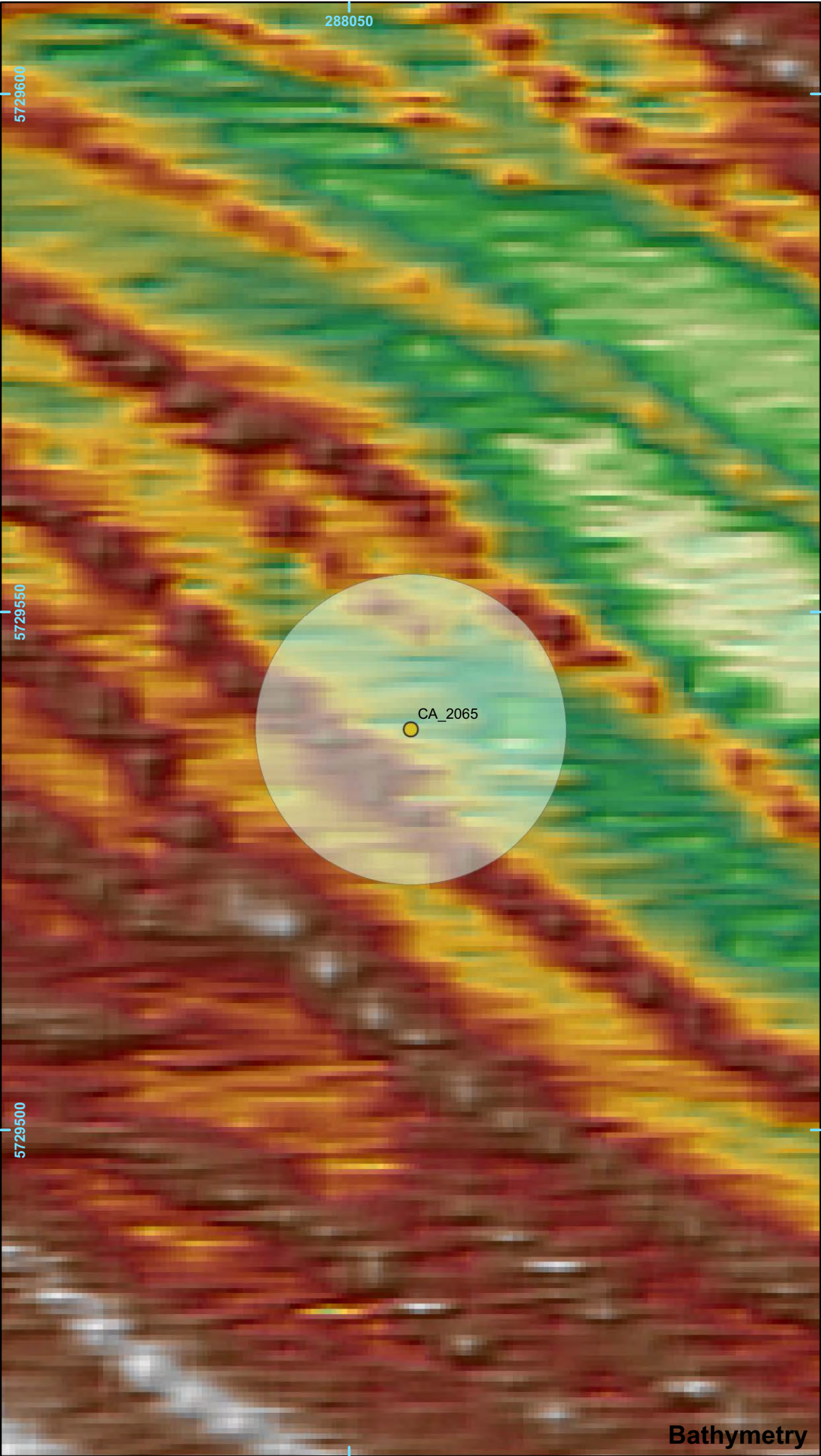
0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -113.598
 - Low : -114.588

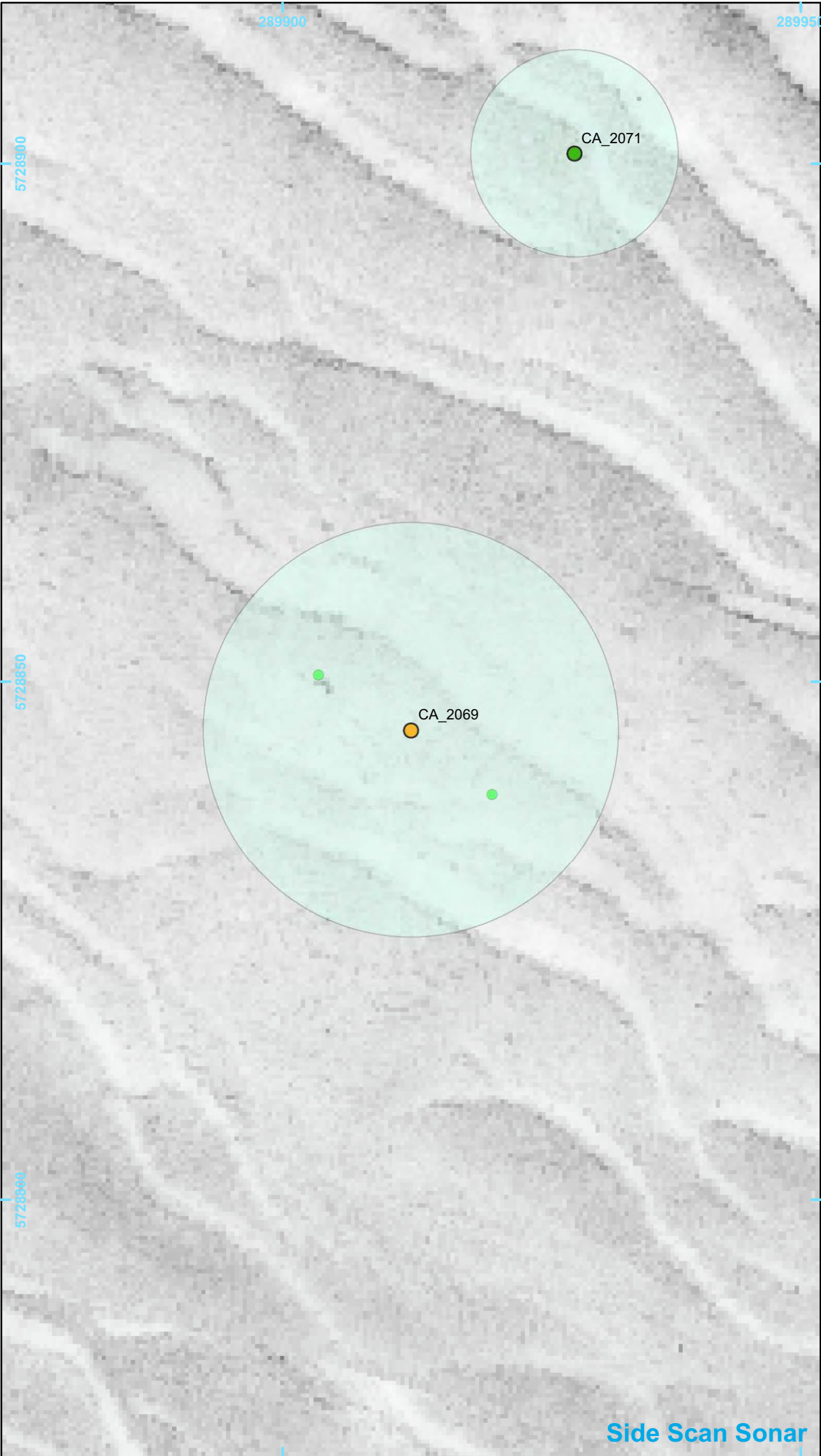
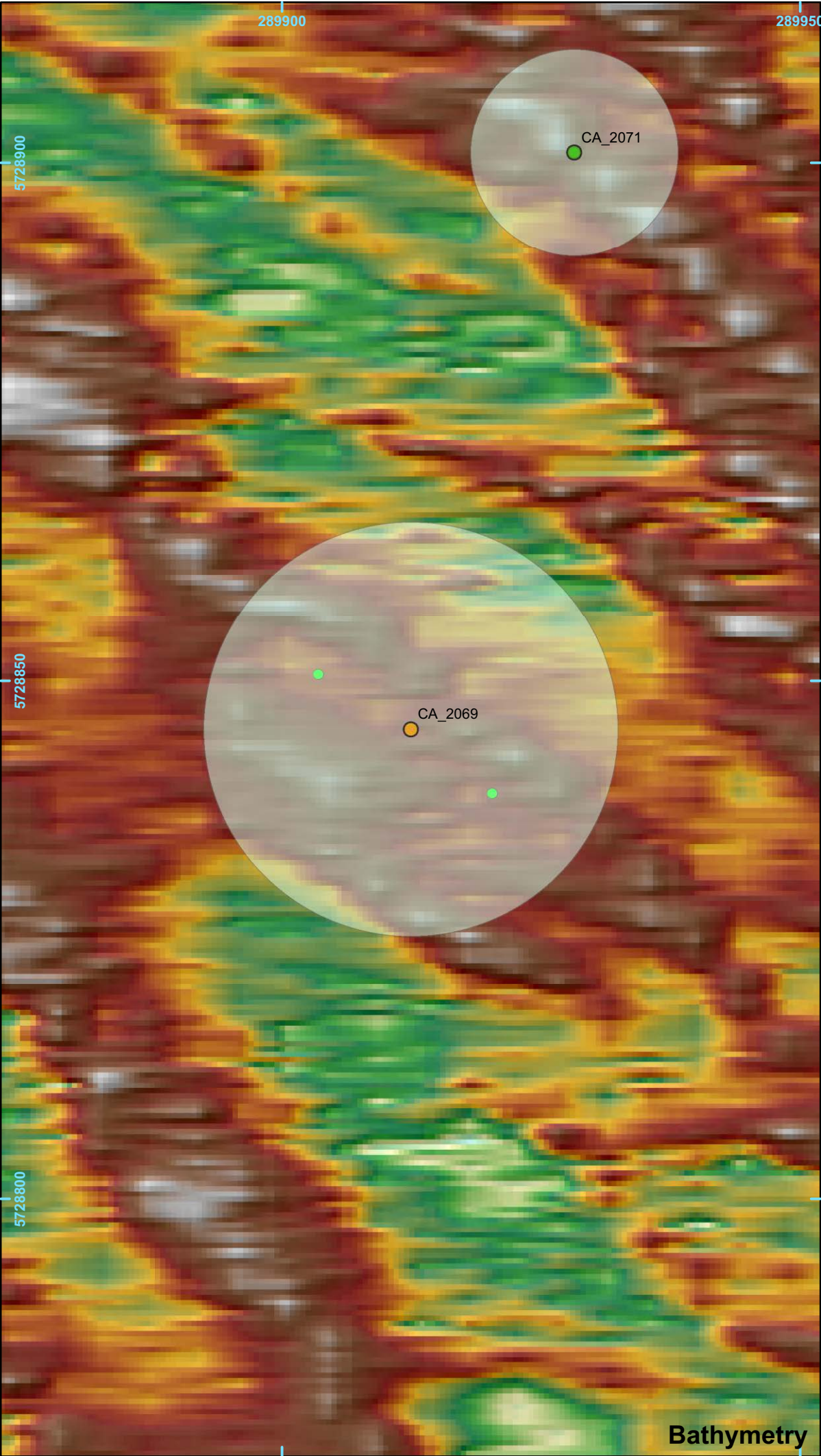
0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Legend

Route Centreline

Route Corridor

Archaeological Anomaly

High

Medium

Low

Archaeological Exclusion Zone

Side Scan Sonar Anomaly

Magnetic Anomaly

0.5 - 2 nT

2 - 5 nT

5 - 10 nT

10 - 25 nT

> 25.0 nT

Bathymetry (mLAT)

High : -114.377

Low : -115.108

0

17.5m

Coordinate System: WGS 1984 UTM Zone 30N

Projection: Transverse Mercator

Datum: WGS 1984

False Easting: 500,000.0000

False Northing: 0.0000

Central Meridian: -3.0000

Scale Factor: 0.9996

Latitude Of Origin: 0.0000

Units: Meter

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PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Archaeological Anomaly CA_2069

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MJG (UoS)

PROJECT NO

770349

FIGURE NO.

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DATE

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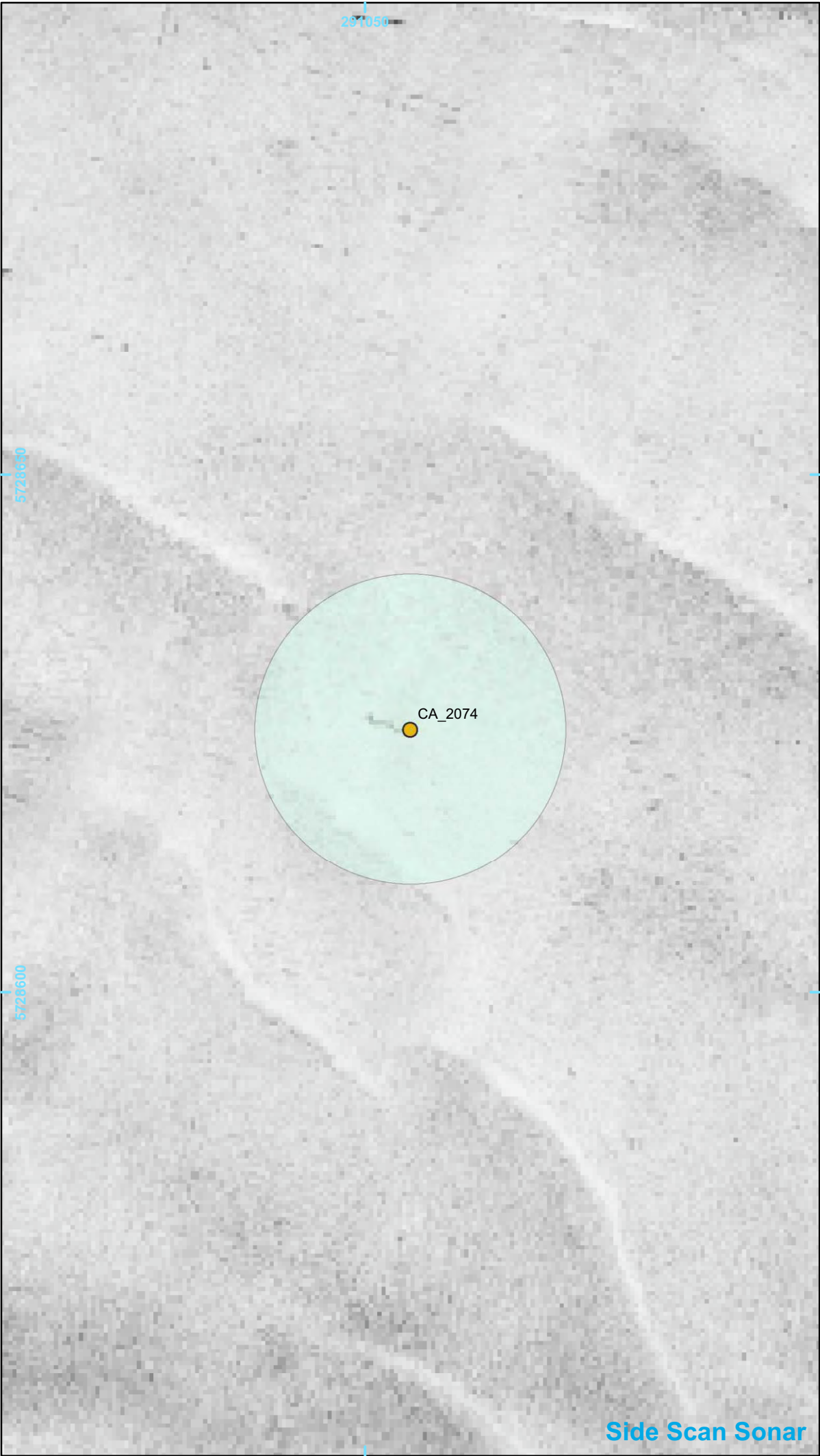
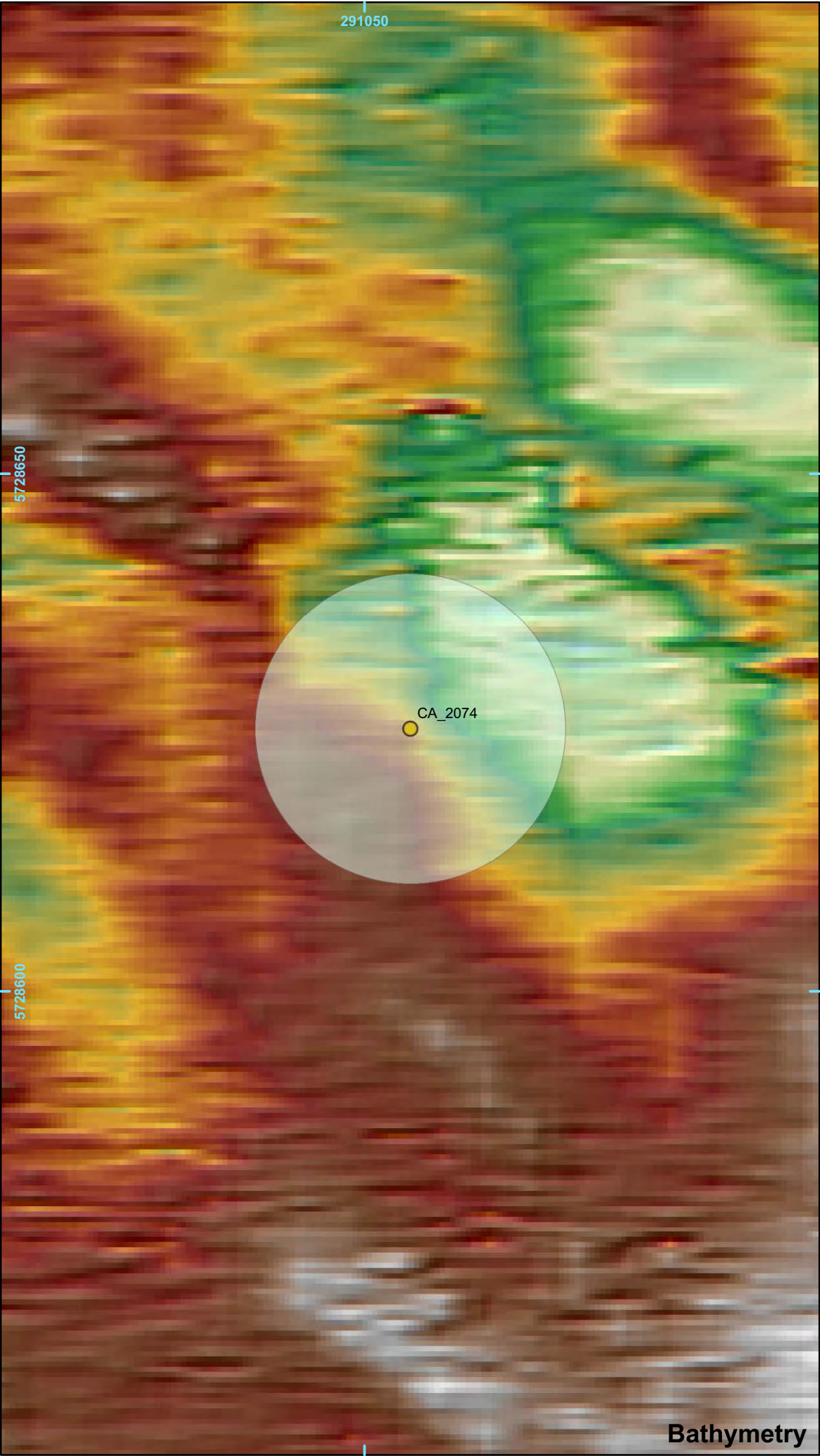
APPROVED BY

MW

SCALE@A3

1:500

B.39



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -114.792
 - Low : -116.034

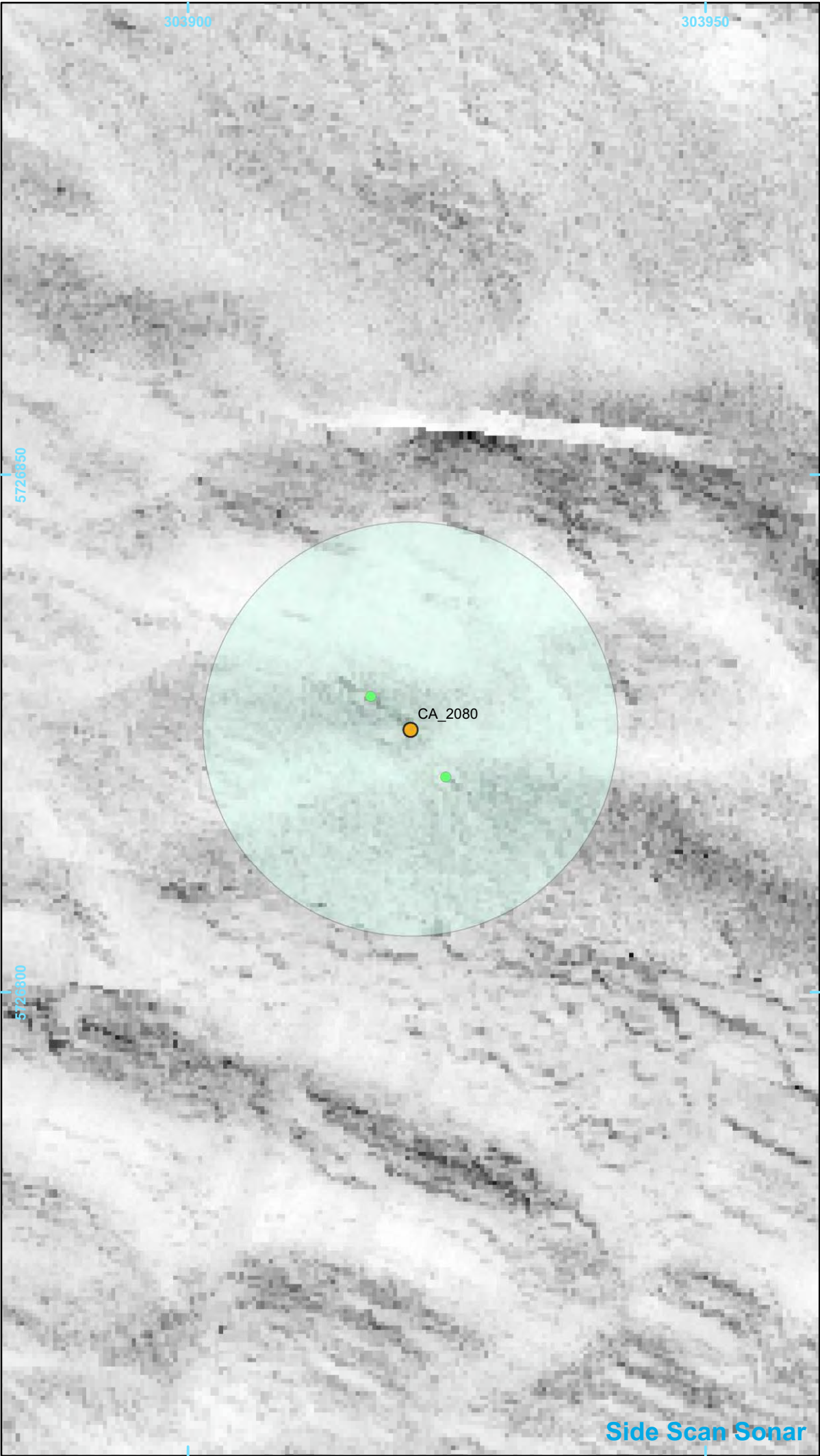
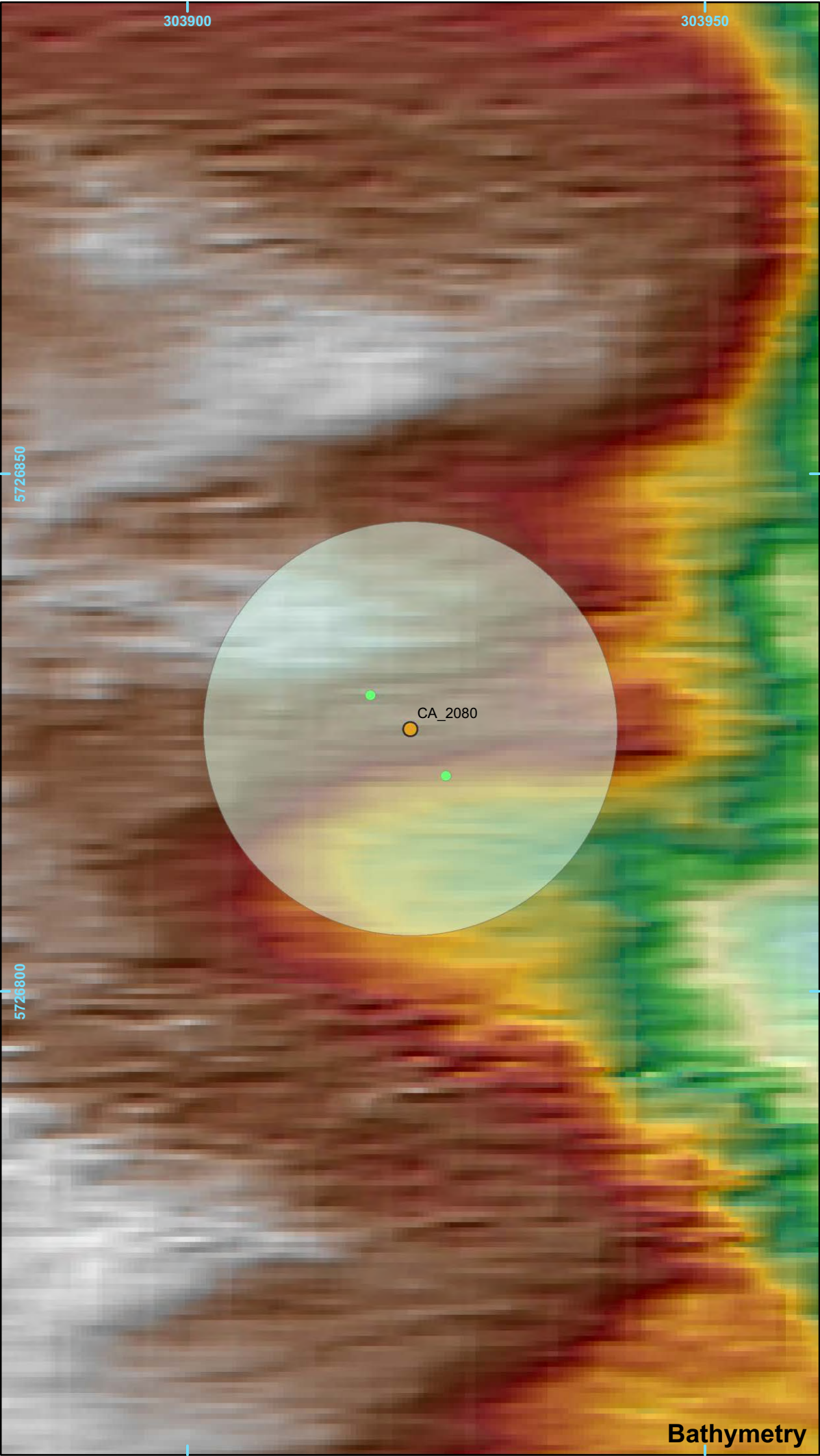
0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Legend

Route Centreline

Route Corridor

Archaeological Anomaly

High

Medium

Low

Archaeological Exclusion Zone

Side Scan Sonar Anomaly

Magnetic Anomaly

0.5 - 2 nT

2 - 5 nT

5 - 10 nT

10 - 25 nT

> 25.0 nT

Bathymetry (mLAT)

High : -114.187

Low : -117.033

0

17.5m

Coordinate System: WGS 1984 UTM Zone 30N

Projection: Transverse Mercator

Datum: WGS 1984

False Easting: 500,000.0000

False Northing: 0.0000

Central Meridian: -3.0000

Scale Factor: 0.9996

Latitude Of Origin: 0.0000

Units: Meter

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PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Archaeological Anomaly CA_2080

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PROJECT NO

DATE

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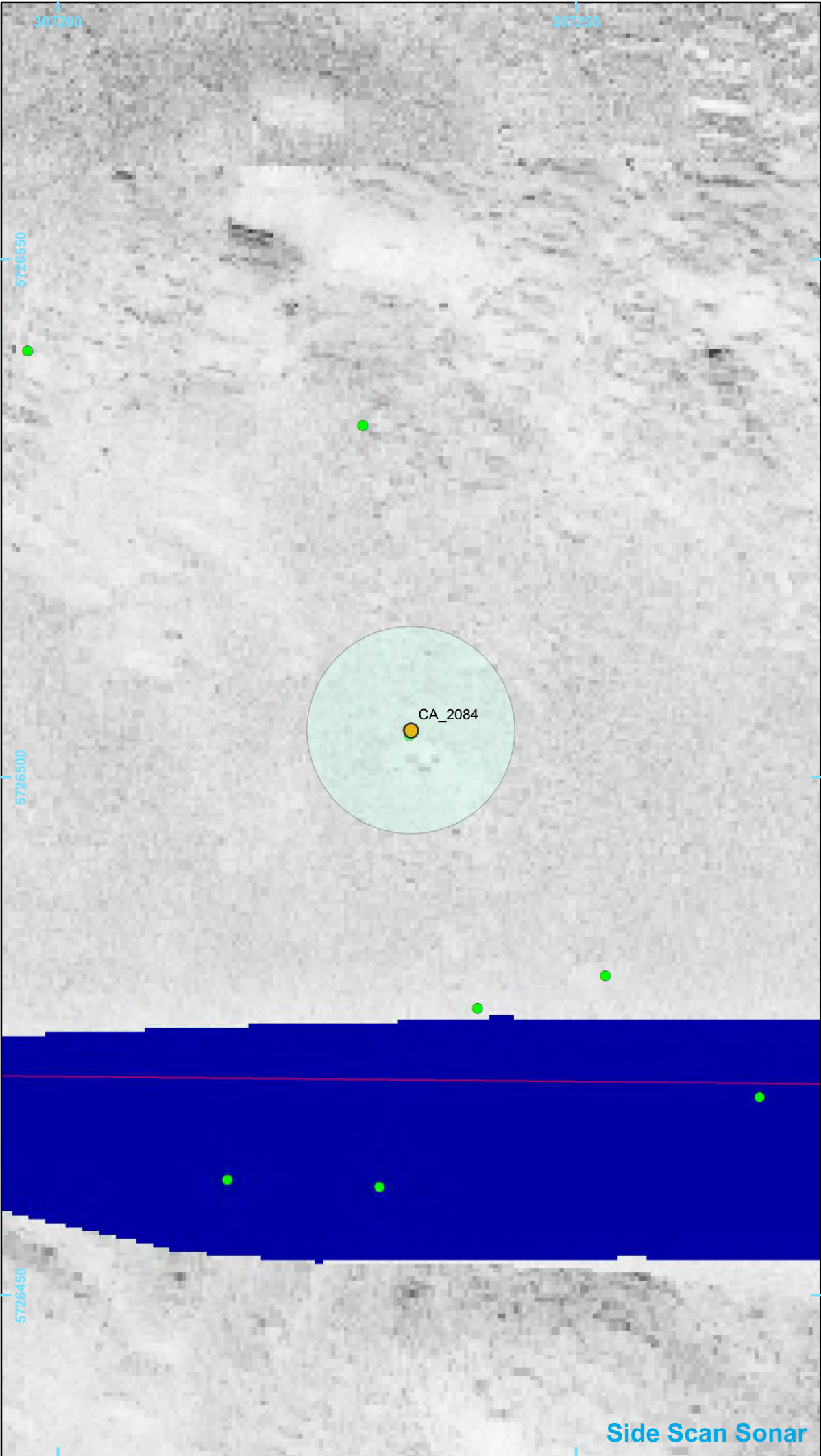
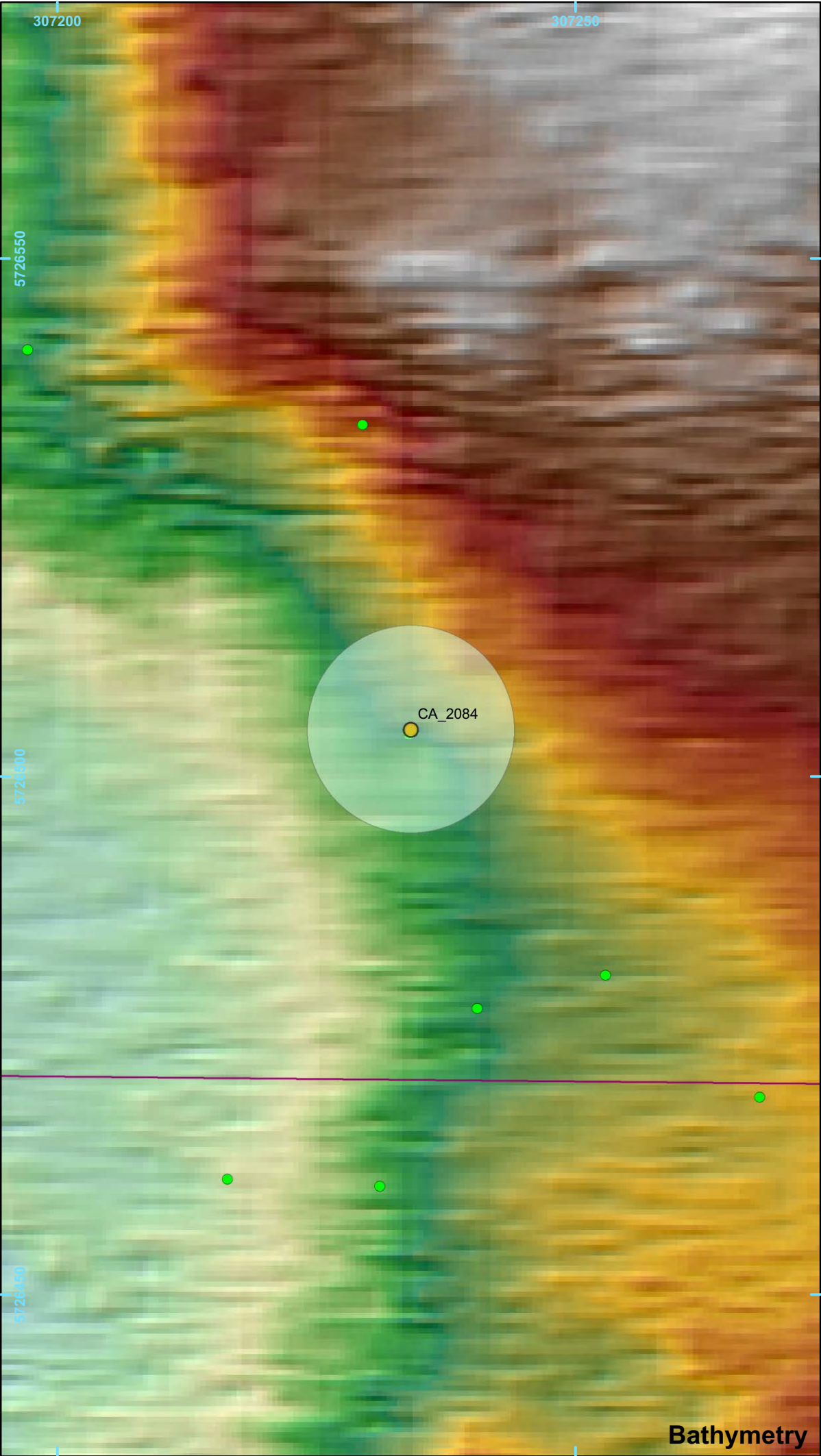
770349

01/04/2019

1:500

FIGURE NO.

B.41



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -112.925
 - Low : -115.726

0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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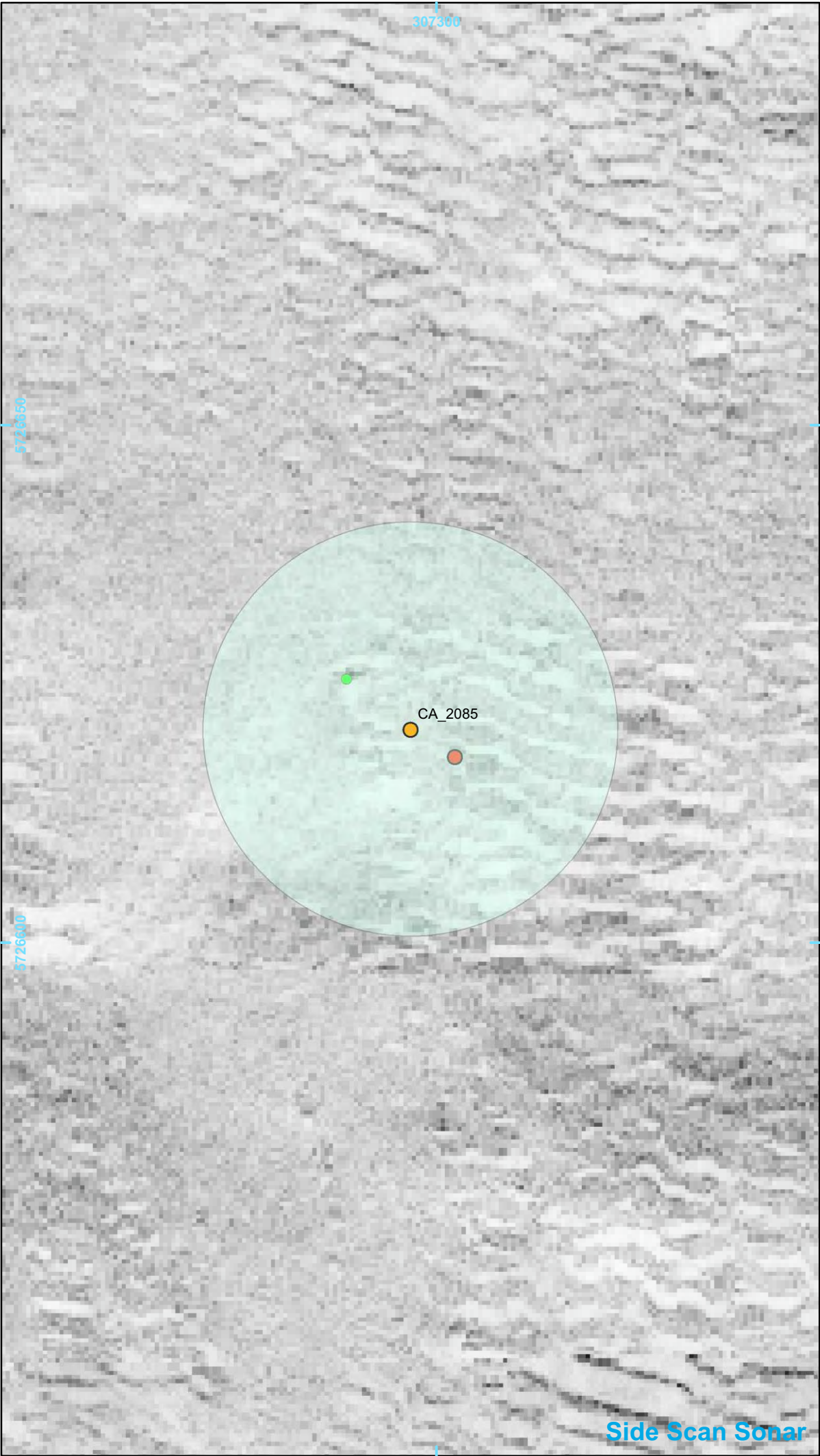
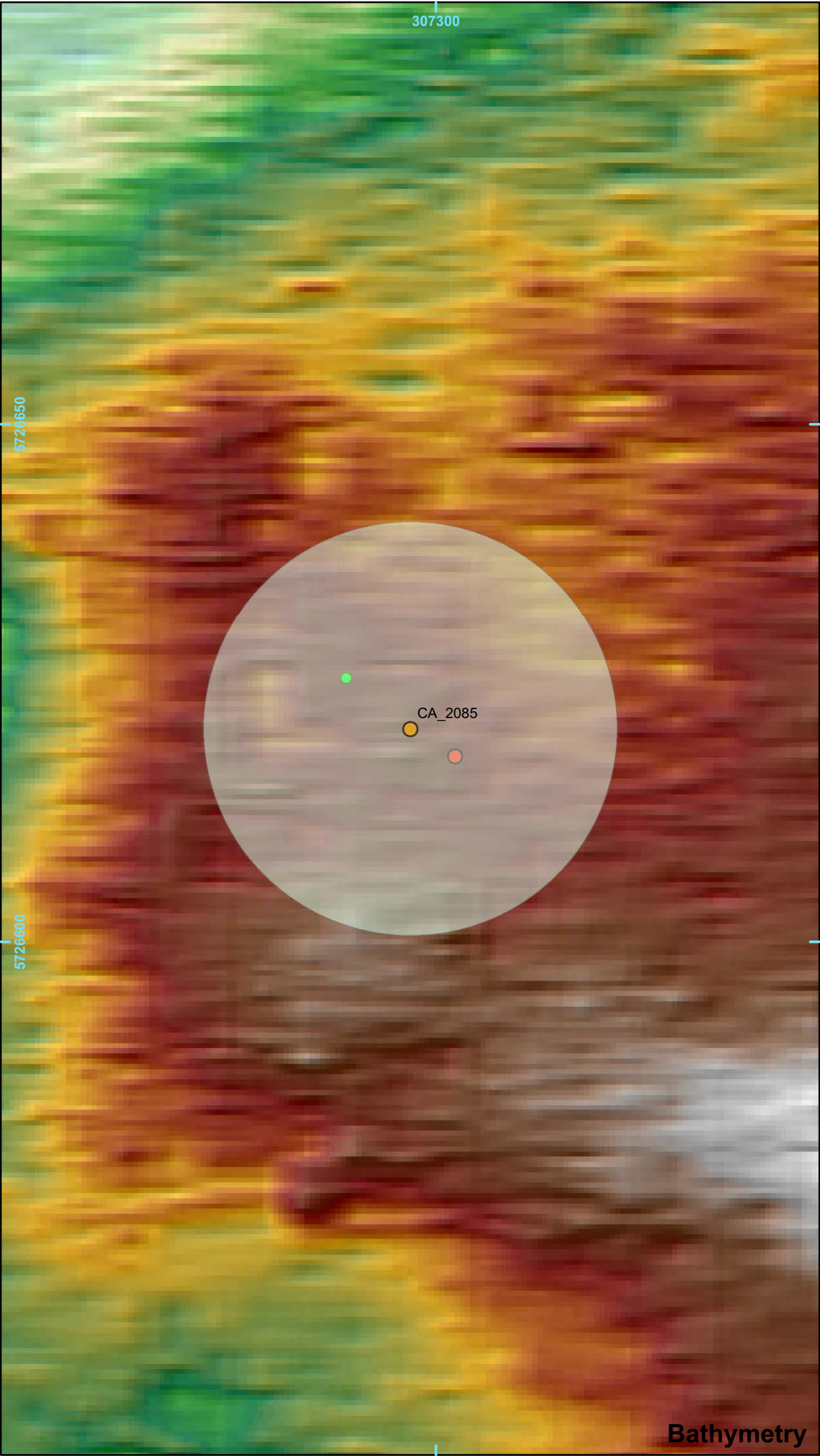
Cotswold Archaeology marine

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PROJECT TITLE
Greenlink Interconnector project

FIGURE TITLE
Archaeological Anomaly CA_2084

DRAWN BY	MJG (UoS)	PROJECT NO	770349	FIGURE NO.
CHECKED BY	RK	DATE	01/04/2019	B.42
APPROVED BY	MW	SCALE@A3	1:500	



Legend

—

Route Centreline

□

Route Corridor

Archaeological Anomaly

●

High

●

Medium

●

Low

□

Archaeological Exclusion Zone

●

Side Scan Sonar Anomaly

Magnetic Anomaly

●

0.5 - 2 nT

●

2 - 5 nT

●

5 - 10 nT

●

10 - 25 nT

●

> 25.0 nT

Bathymetry (mLAT)

High : -111.716

Low : -114.033

0

17.5m

Coordinate System: WGS 1984 UTM Zone 30N

Projection: Transverse Mercator

Datum: WGS 1984

False Easting: 500,000.0000

False Northing: 0.0000

Central Meridian: -3.0000

Scale Factor: 0.9996

Latitude Of Origin: 0.0000

Units: Meter

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PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Archaeological Anomaly CA_2085

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PROJECT NO

770349

FIGURE NO.

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DATE

01/04/2019

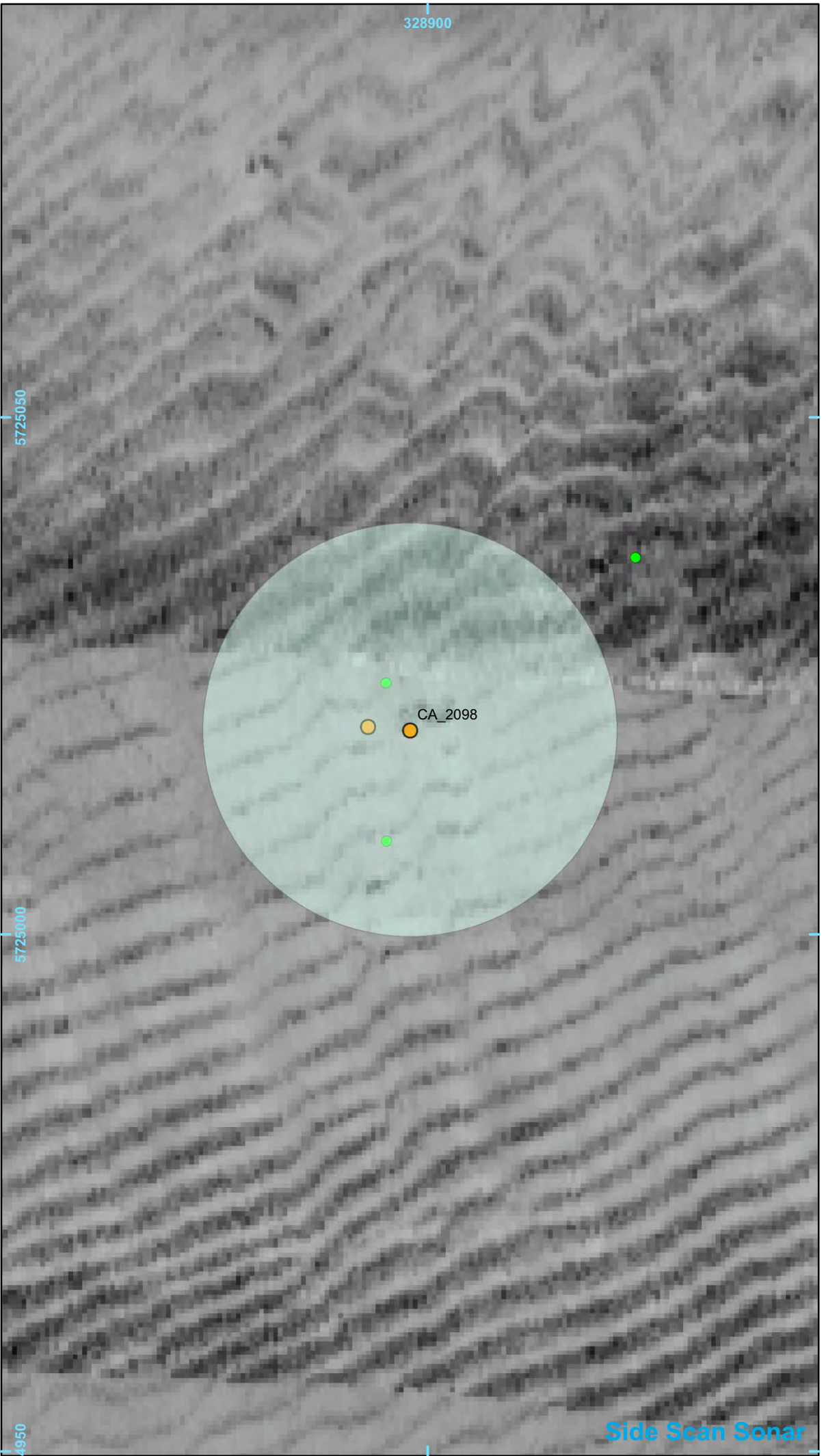
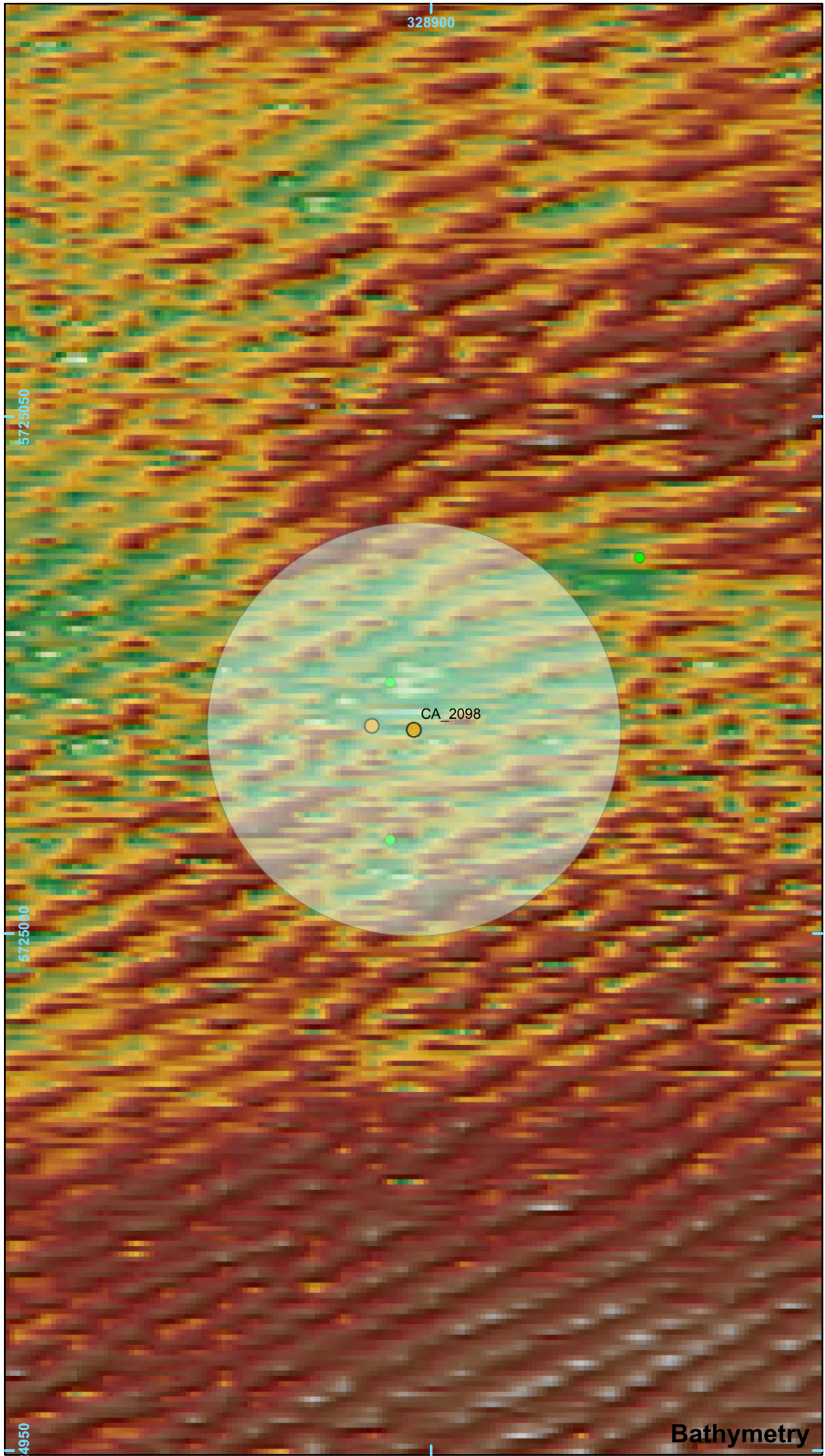
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MW

SCALE@A3

1:500

B.43



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -60.0292
 - Low : -60.7752

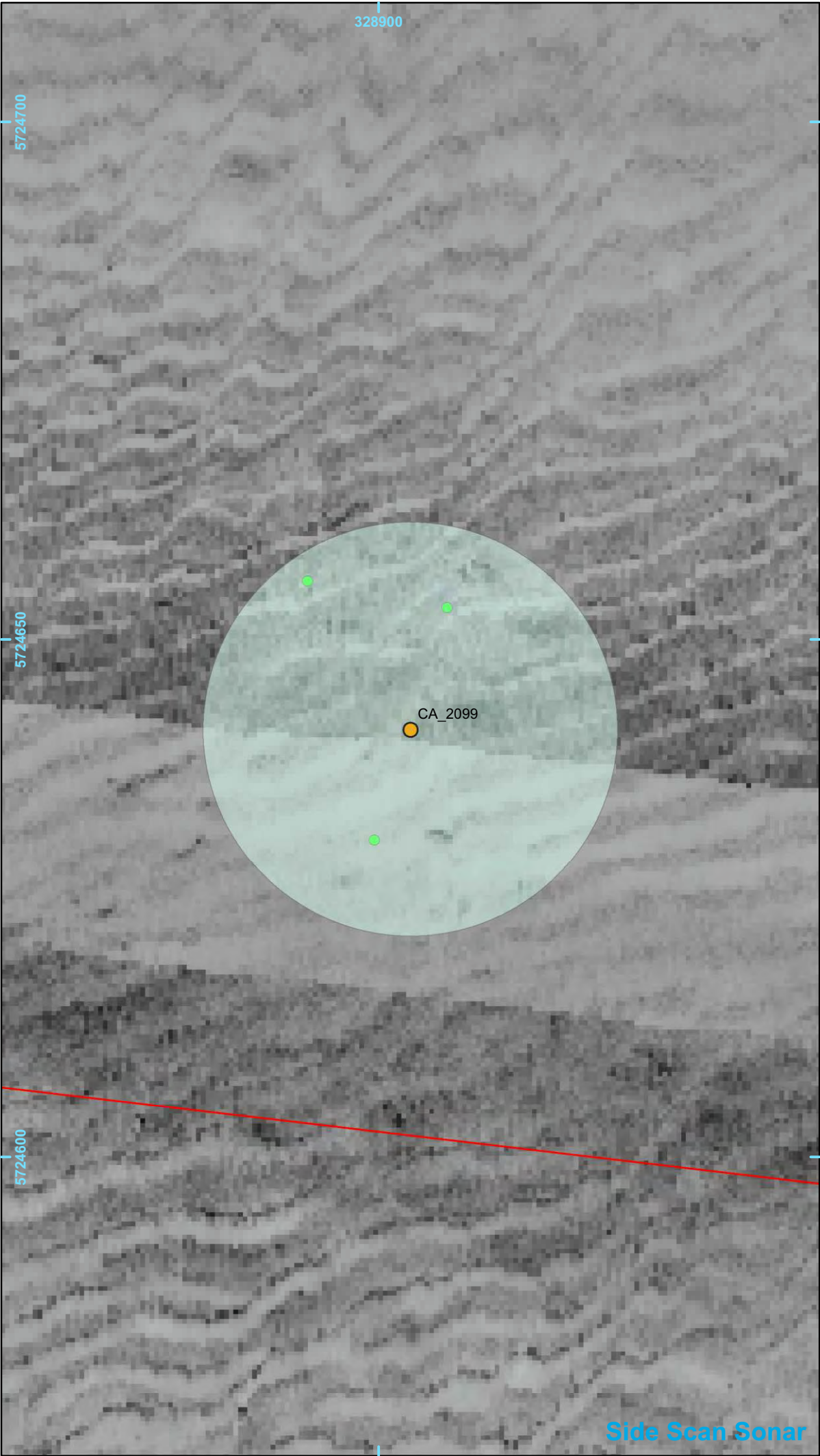
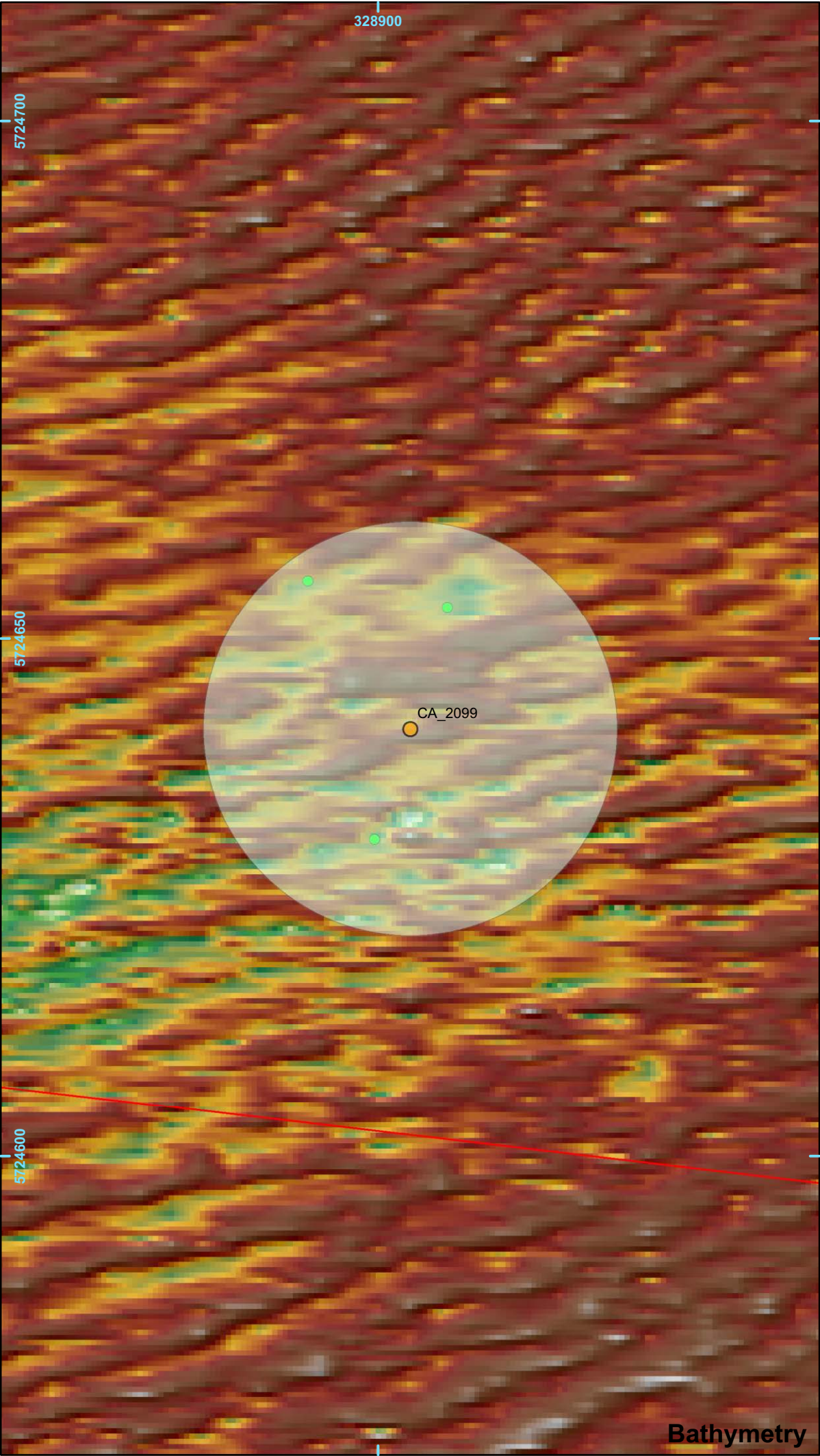
0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Legend

Route Centreline

Route Corridor

Archaeological Anomaly

High

Medium

Low

Archaeological Exclusion Zone

Side Scan Sonar Anomaly

Magnetic Anomaly

0.5 - 2 nT

2 - 5 nT

5 - 10 nT

10 - 25 nT

> 25.0 nT

Bathymetry (mLAT)

High : -60.2509

Low : -60.9634

0

17.5m

Coordinate System: WGS 1984 UTM Zone 30N

Projection: Transverse Mercator

Datum: WGS 1984

False Easting: 500,000.0000

False Northing: 0.0000

Central Meridian: -3.0000

Scale Factor: 0.9996

Latitude Of Origin: 0.0000

Units: Meter

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PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Archaeological Anomaly CA_2099

DRAWN BY

MJG (UoS)

PROJECT NO

770349

FIGURE NO.

770349

CHECKED BY

RK

DATE

01/04/2019

SCALE

1:500

B.45

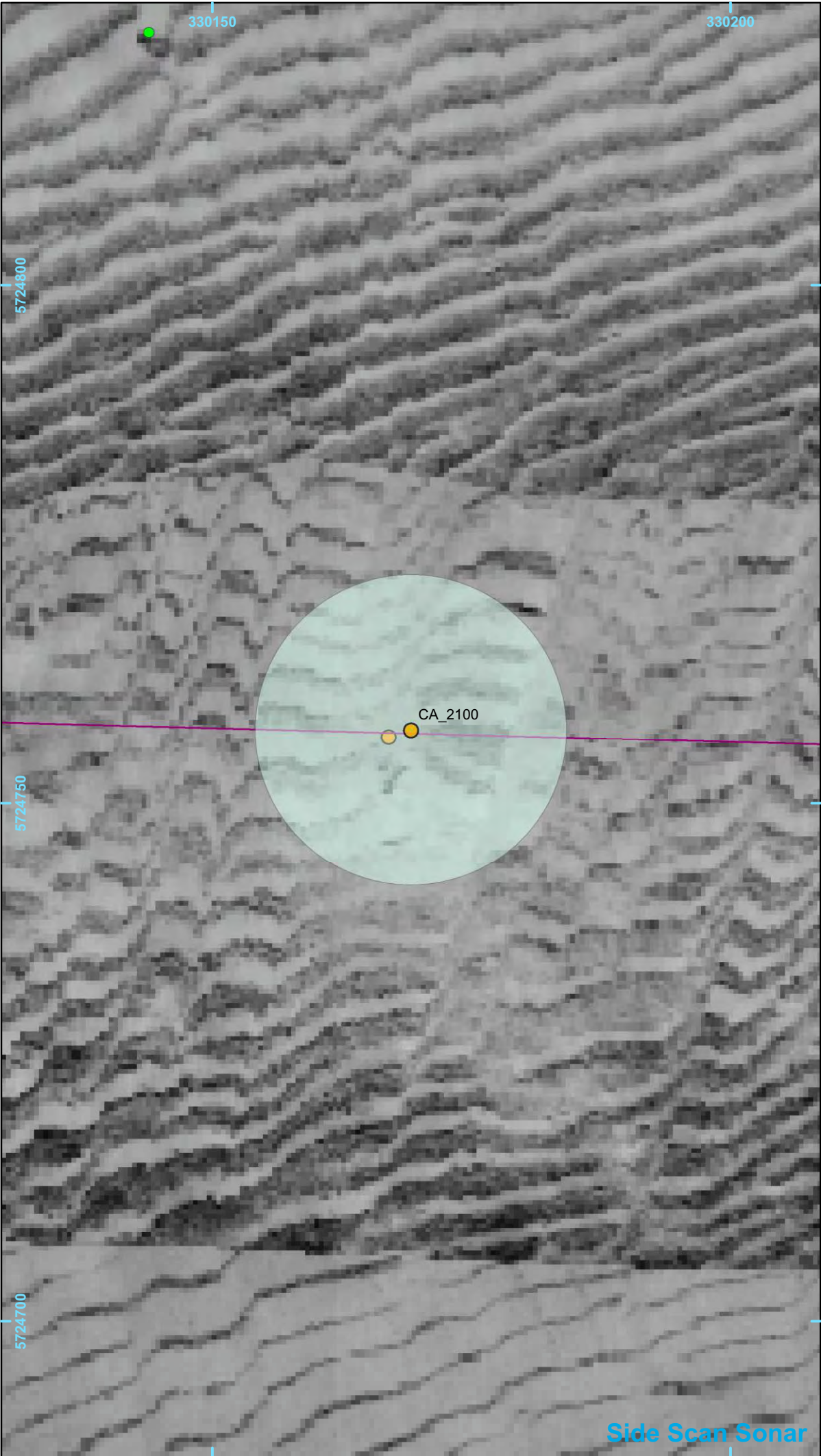
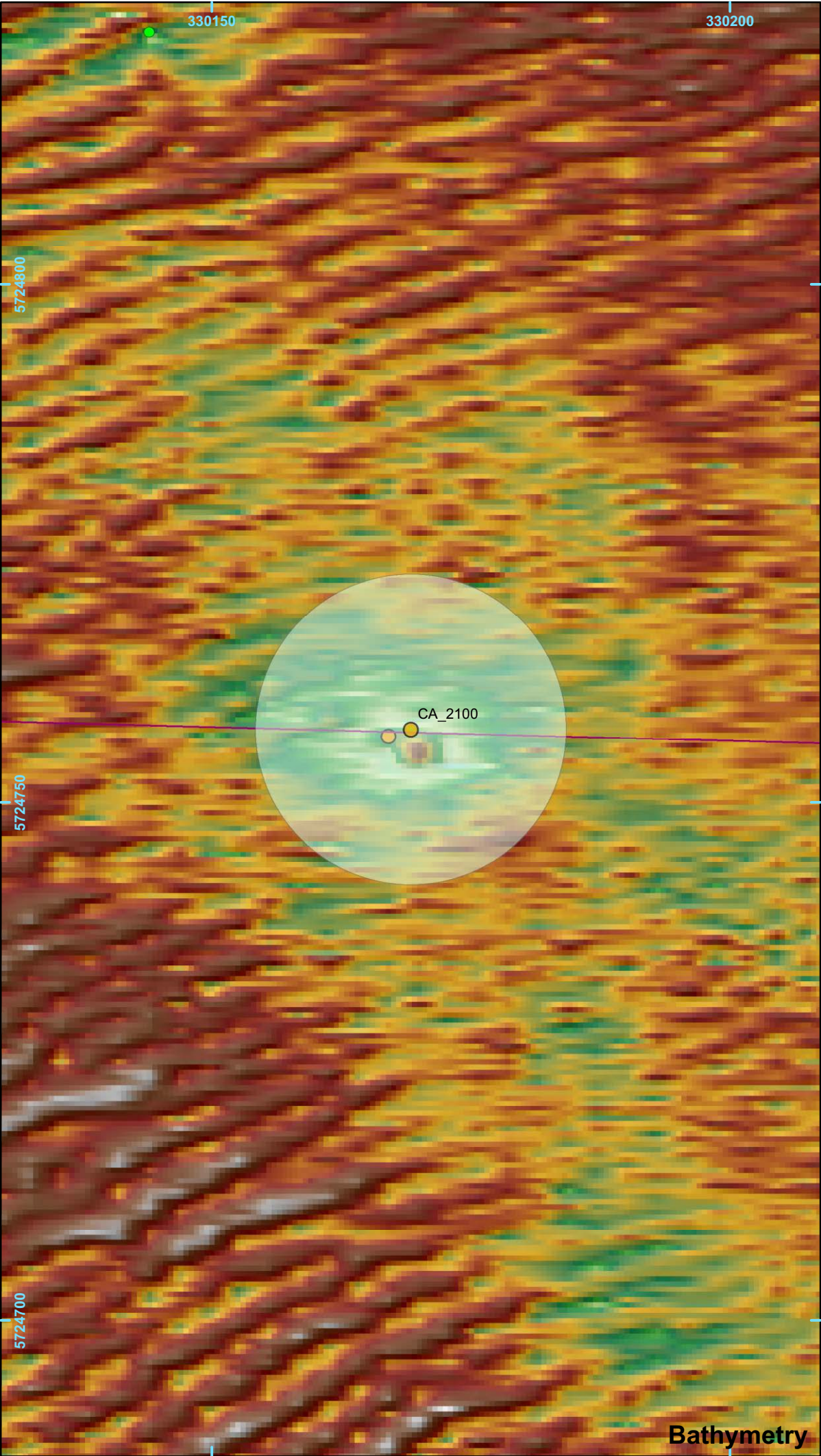
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MW

SCALE@A3

1:500

B.45





Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -59.3631
 - Low : -60.2191

0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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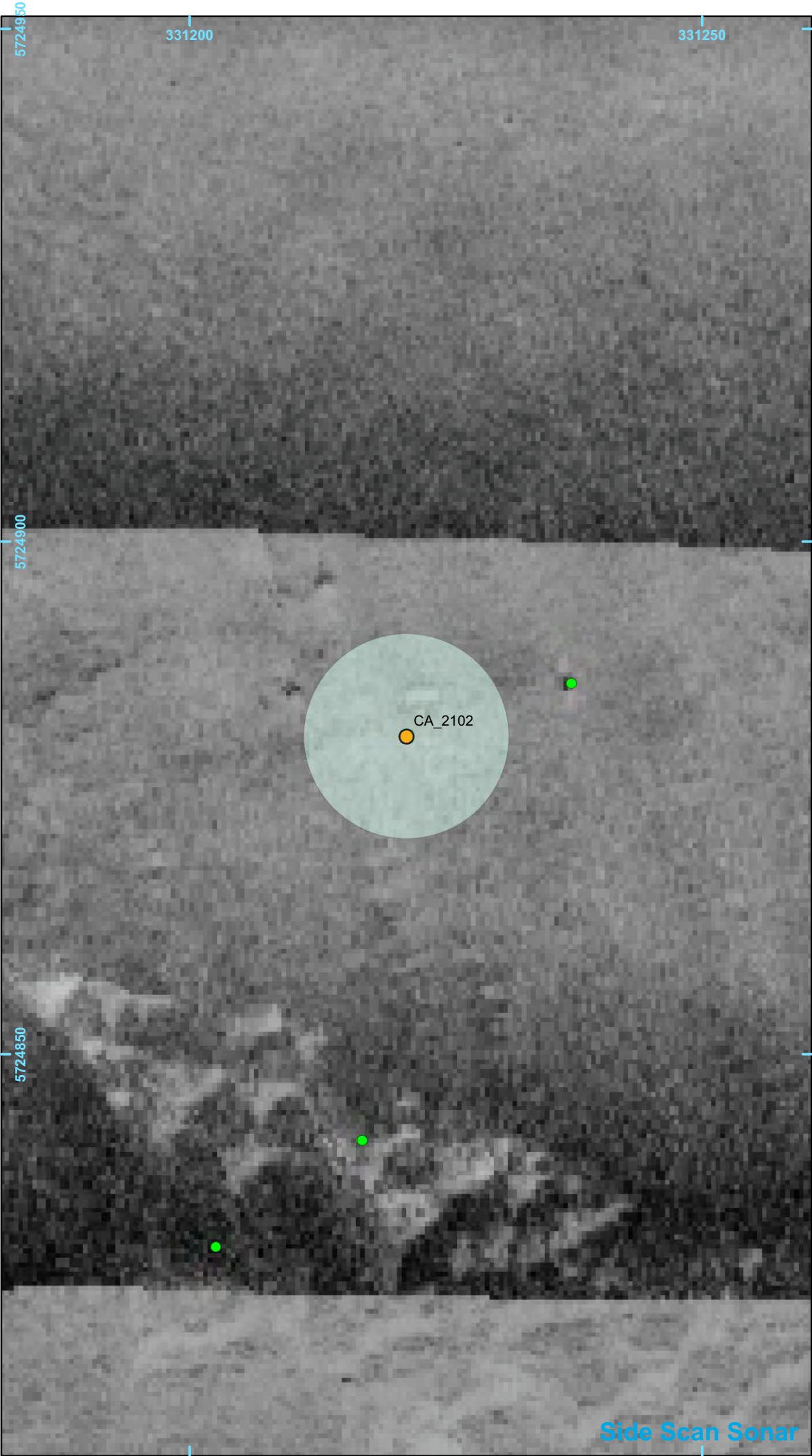
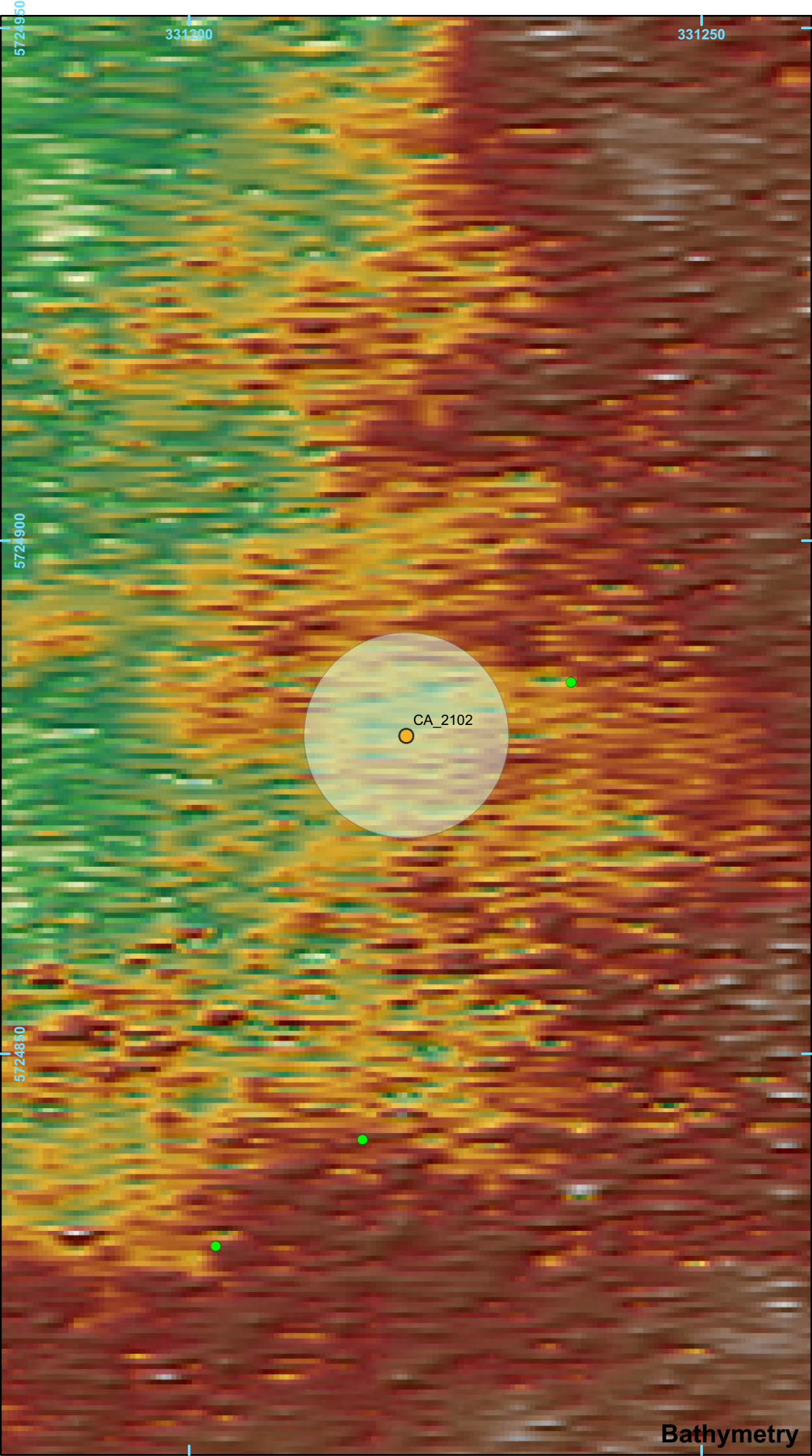


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PROJECT TITLE
Greenlink Interconnector project

FIGURE TITLE
Archaeological Anomaly CA_2100

DRAWN BY	MJG (UoS)	PROJECT NO	770349	FIGURE NO.
CHECKED BY	RK	DATE	01/04/2019	B.46
APPROVED BY	MW	SCALE@A3	1:500	



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -58.9702
 - Low : -59.6354



Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Cotswold Archaeology marine

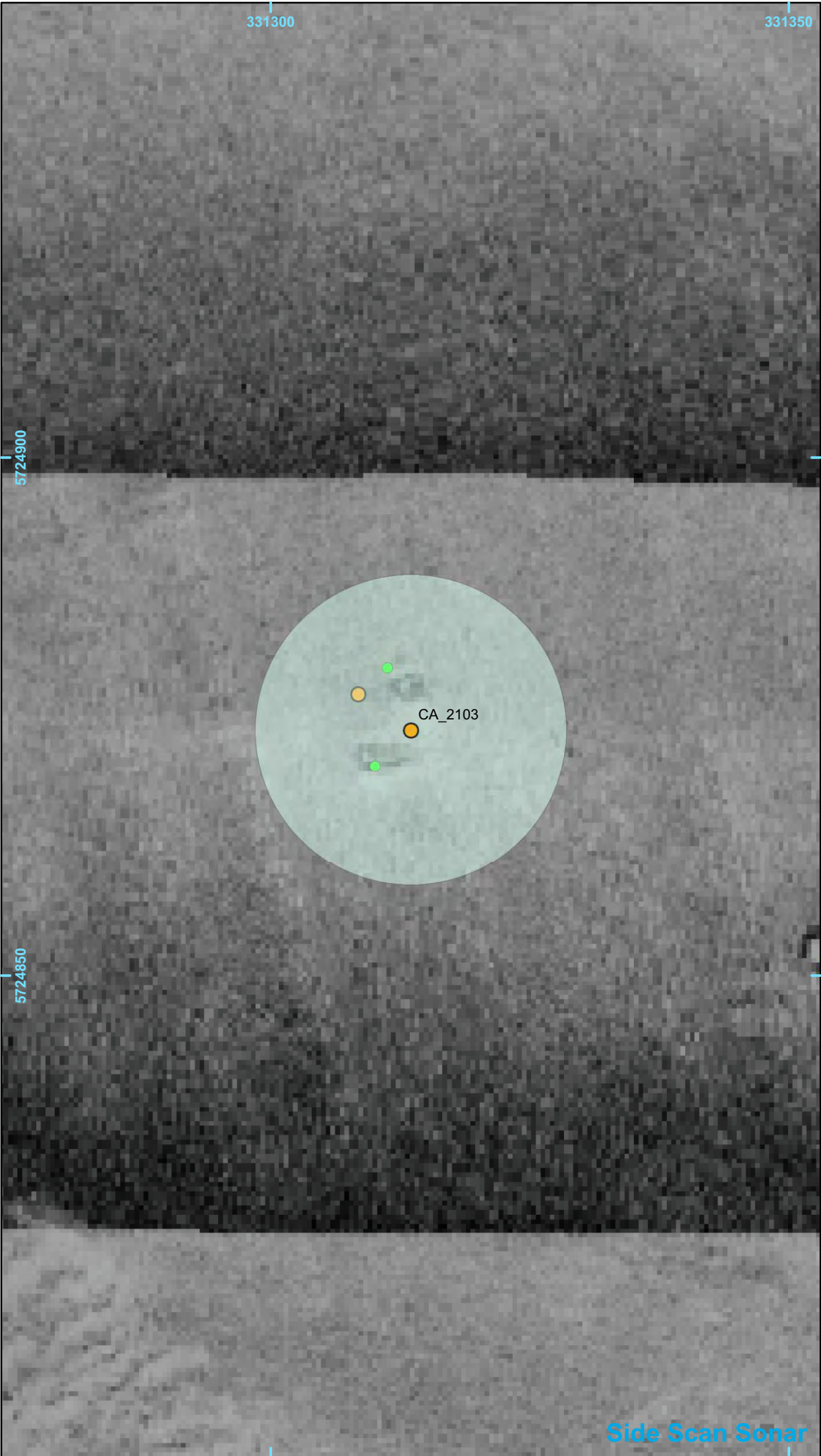
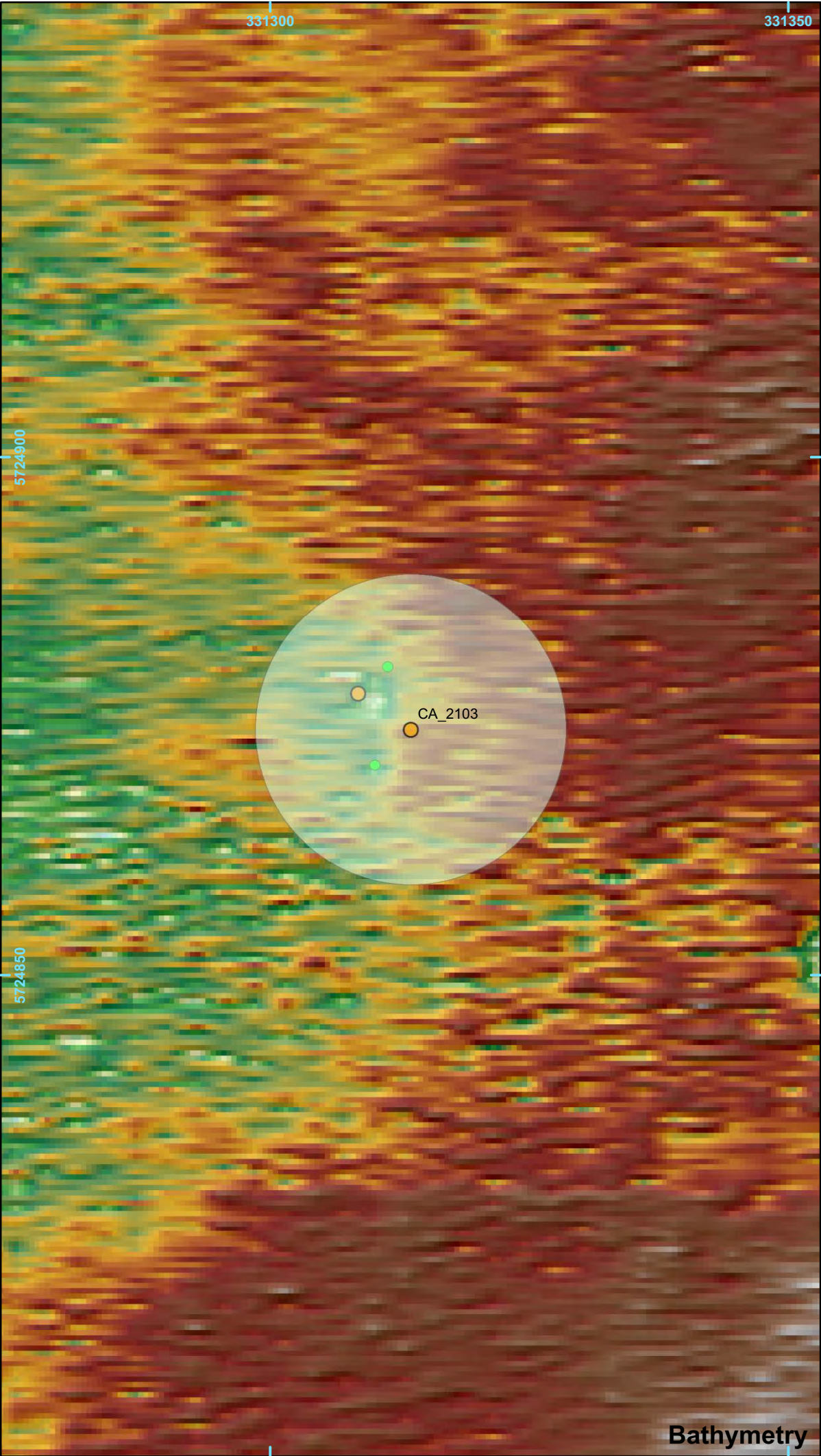
Andover	01264 347630
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PROJECT TITLE
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FIGURE TITLE
Archaeological Anomaly CA_2102

DRAWN BY	MJG (UoS)	PROJECT NO	770349	FIGURE NO.
CHECKED BY	RK	DATE	01/04/2019	B.47
APPROVED BY	MW	SCALE@A3	1:500	



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -58.7025
 - Low : -59.3714

0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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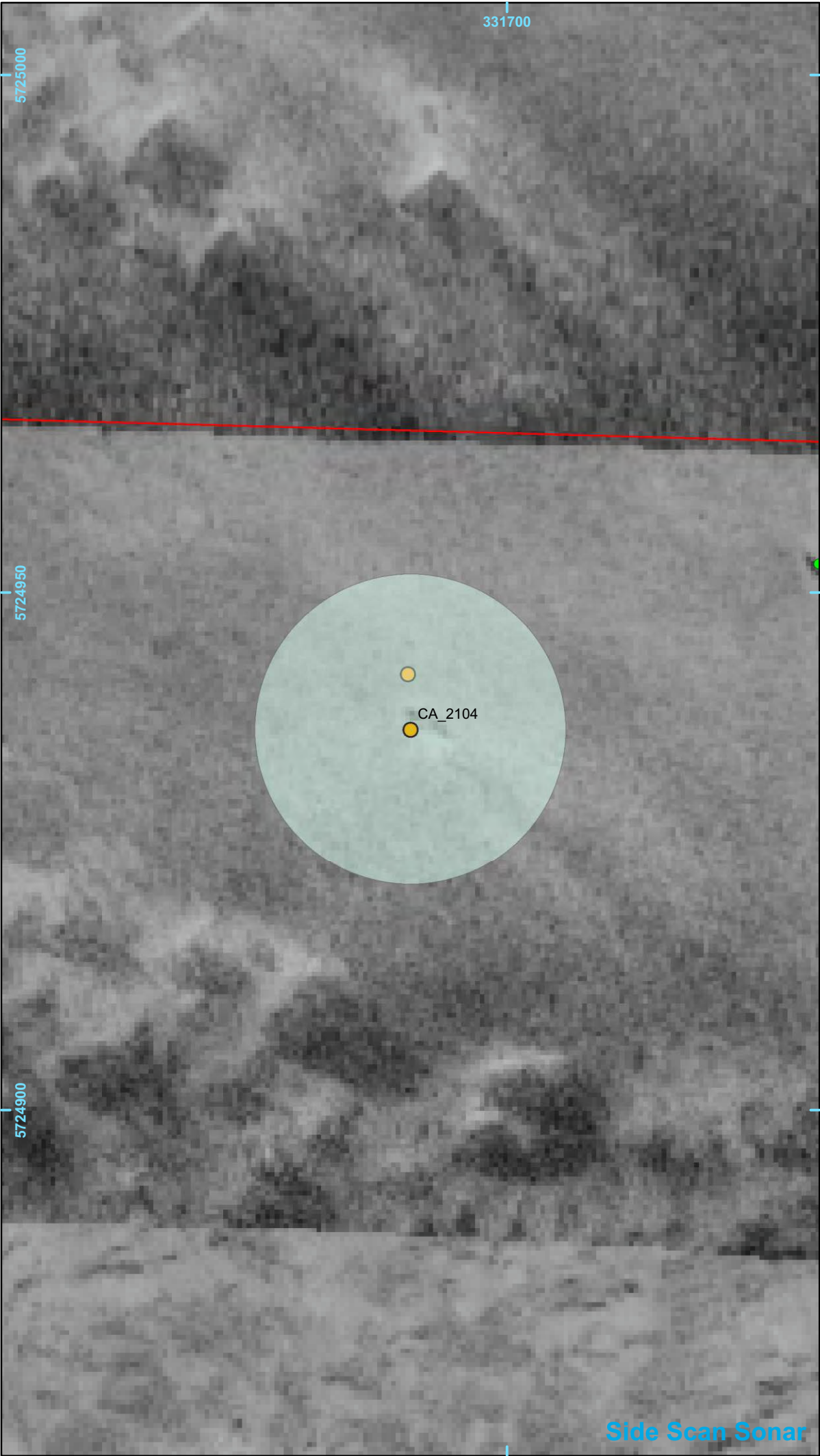
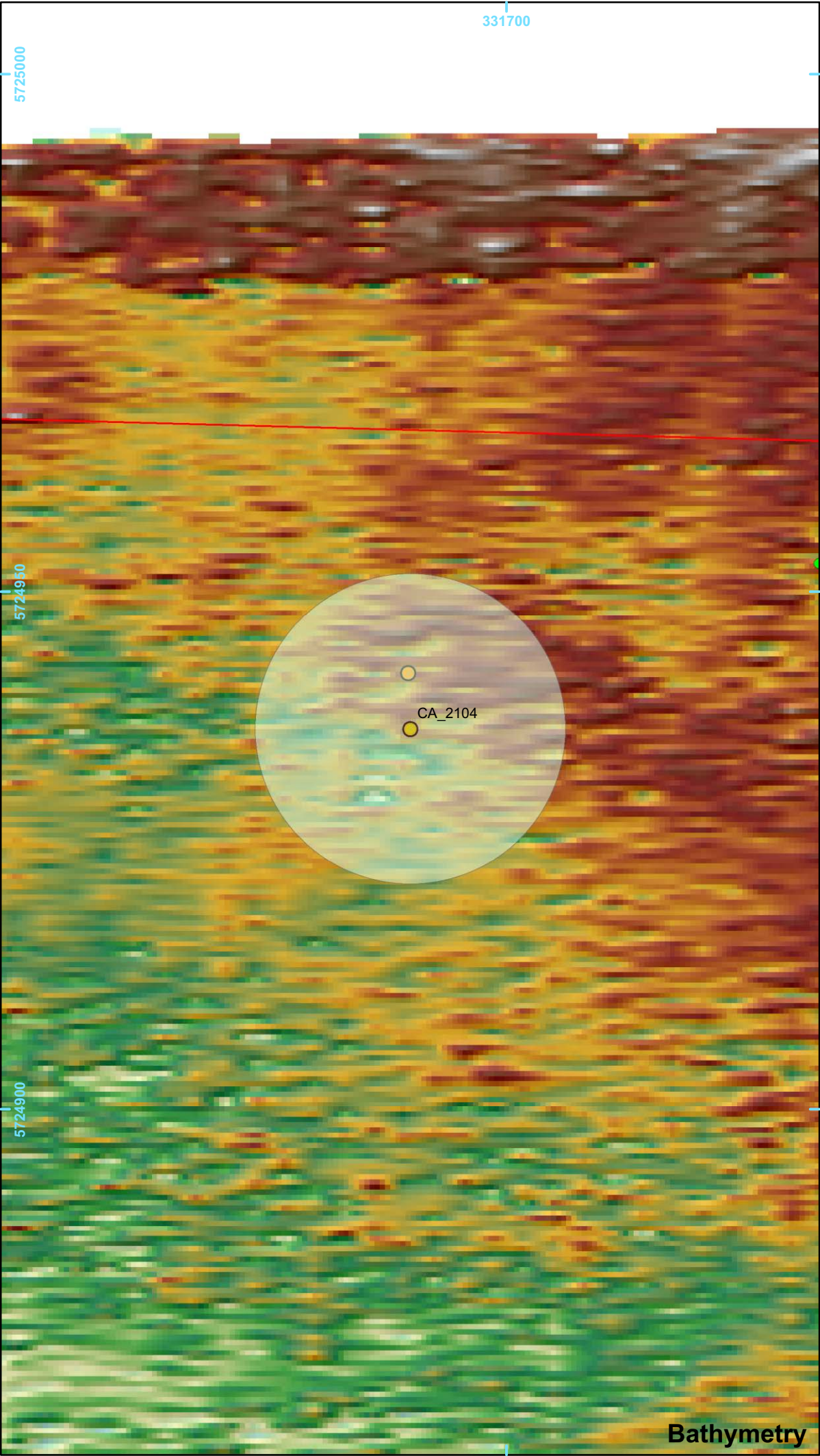
PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Archaeological Anomaly CA_2103

DRAWN BY	MJG (UoS)	PROJECT NO	770349	FIGURE NO.
CHECKED BY	RK	DATE	01/04/2019	B.48
APPROVED BY	MW	SCALE@A3	1:500	



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -58.1557
 - Low : -58.8537

0 17.5m

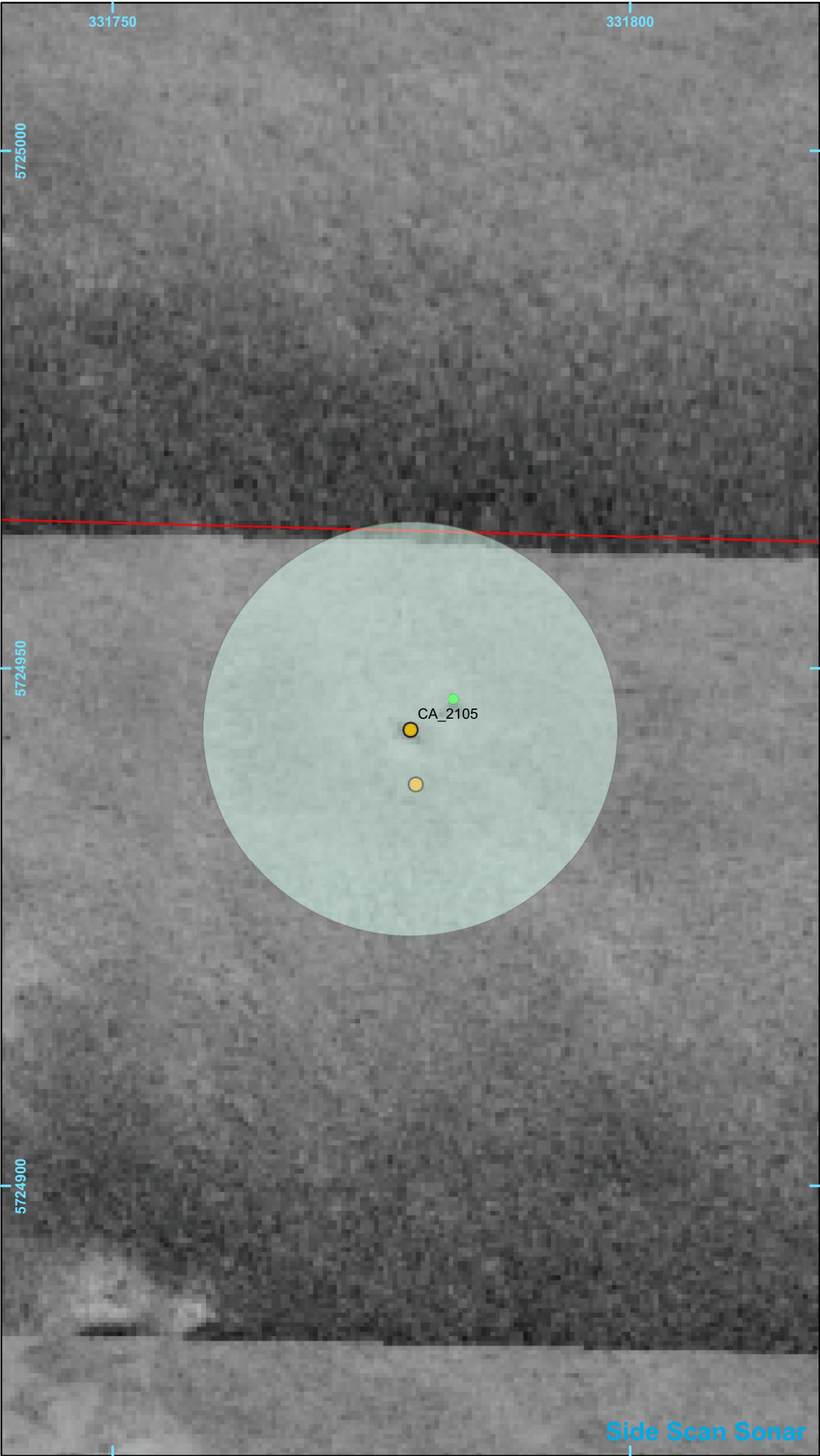
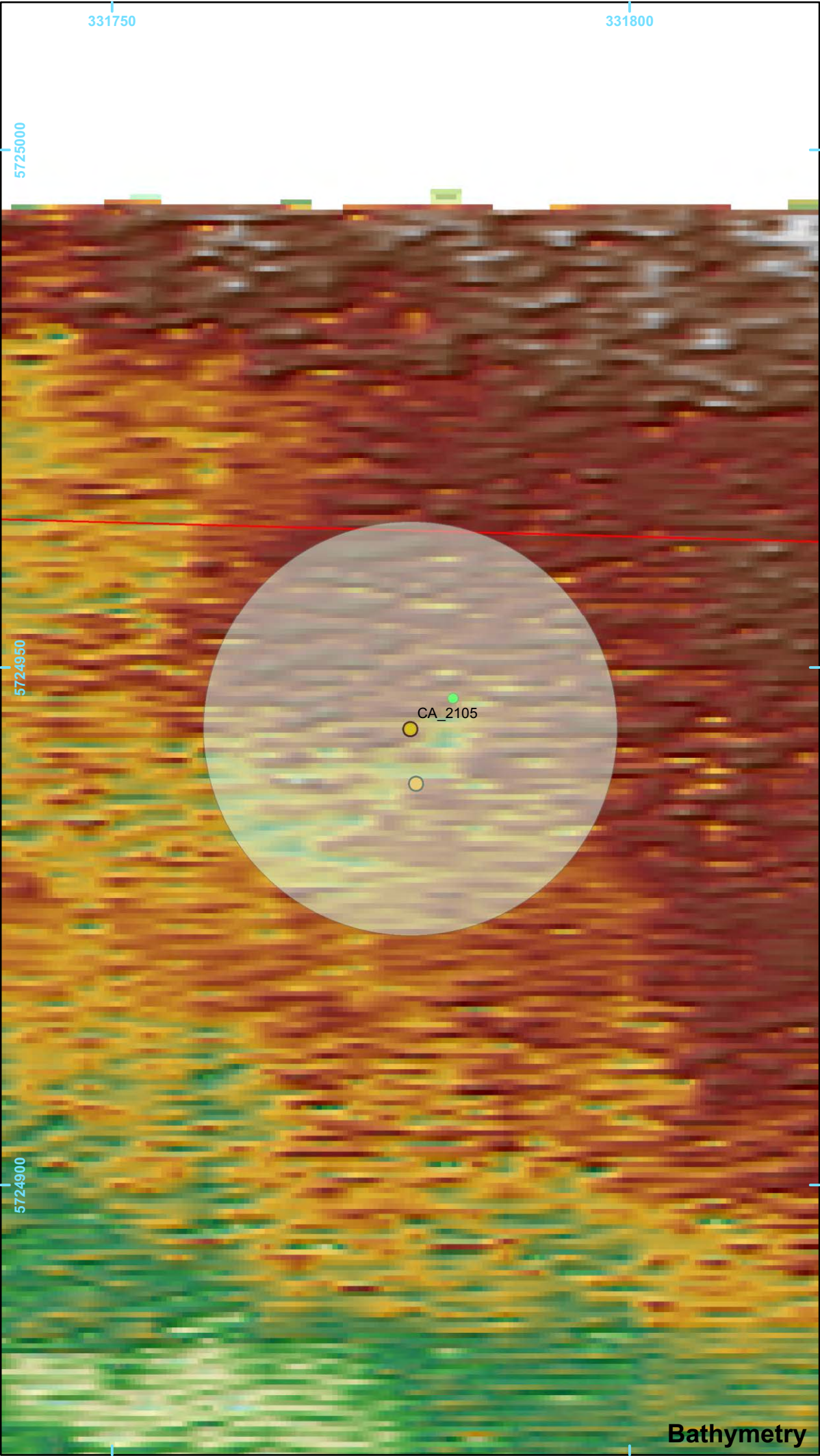
Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -58.036
 - Low : -58.8101

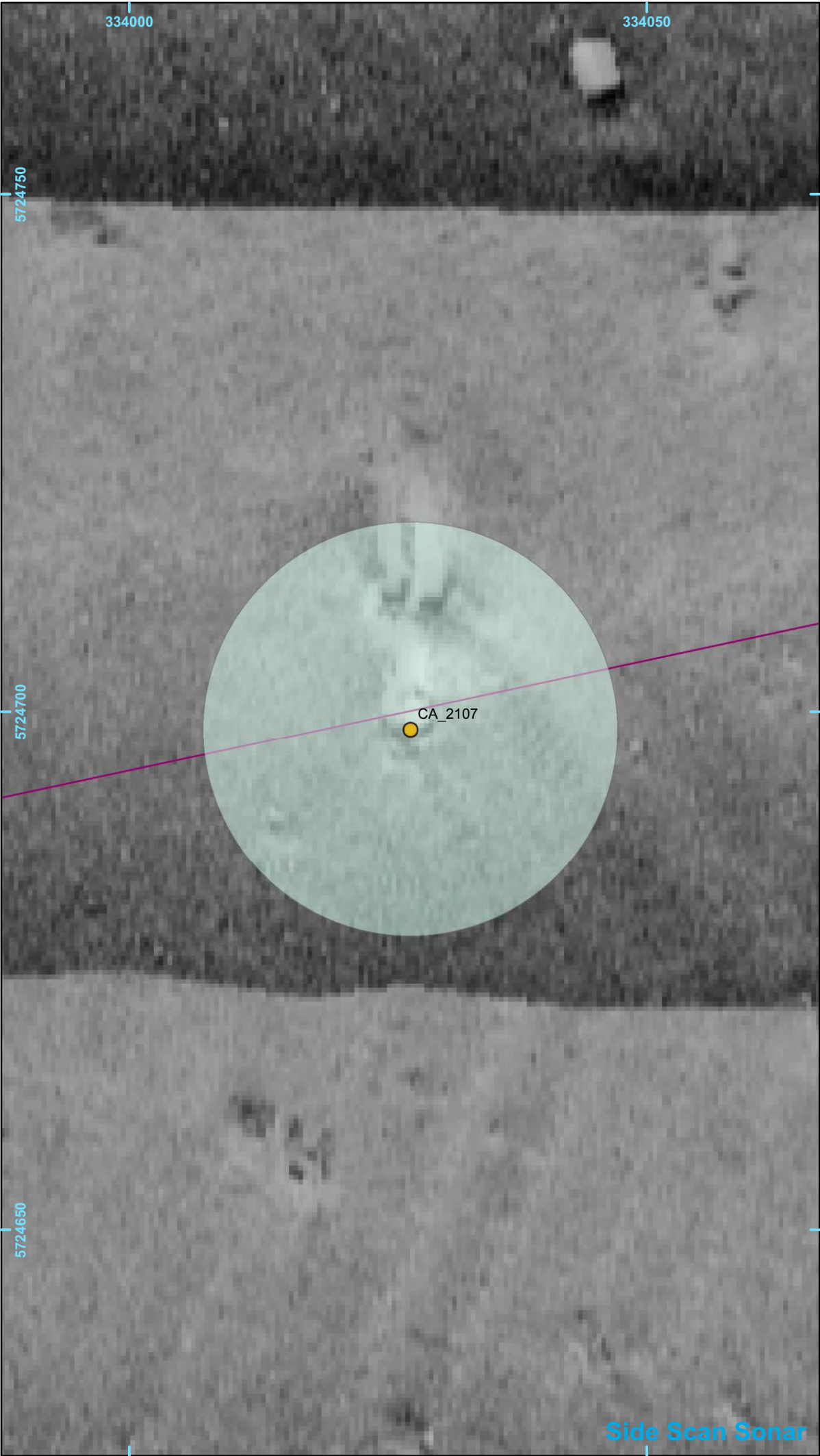
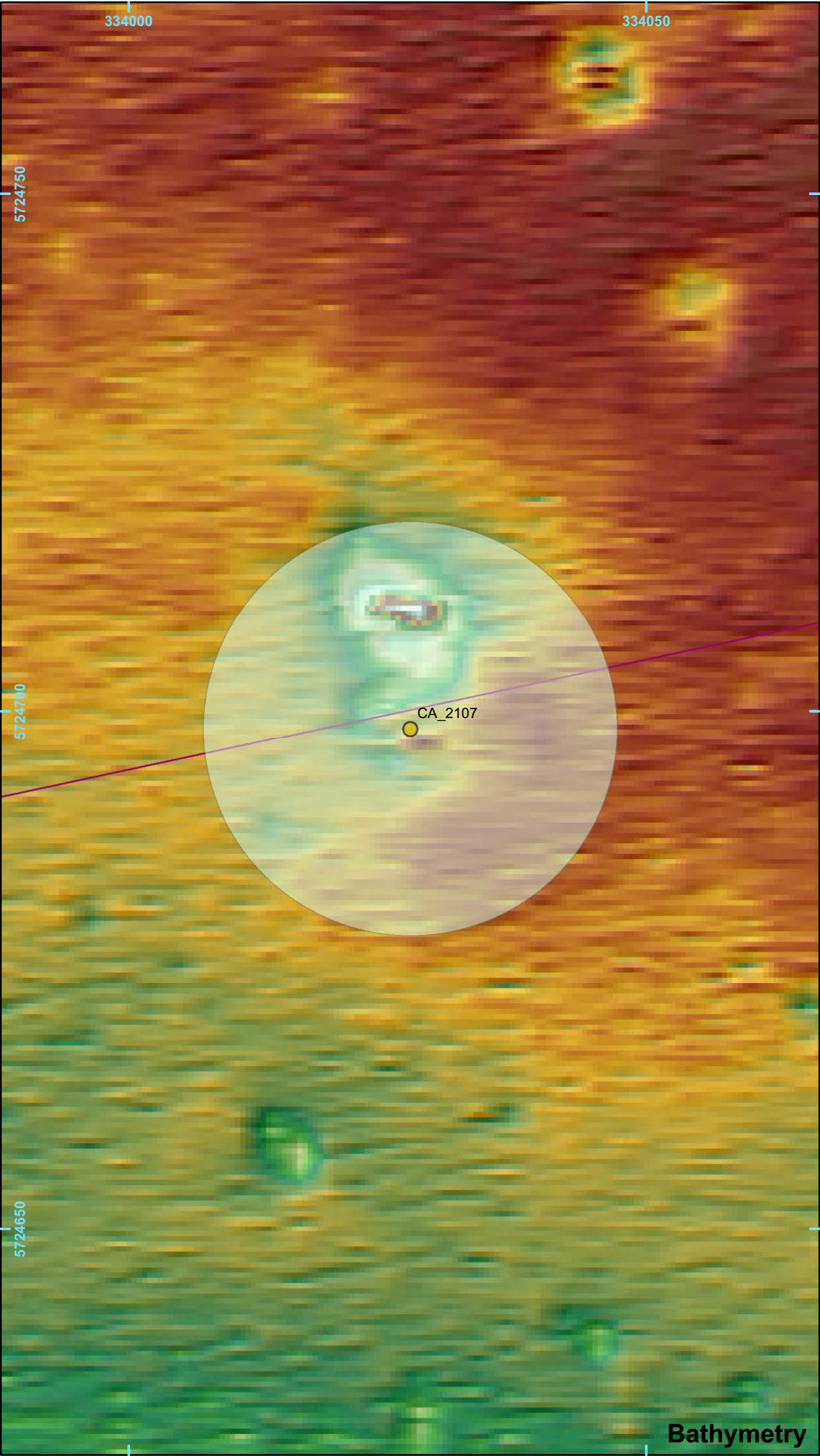
0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -58.4217
 - Low : -59.9202

0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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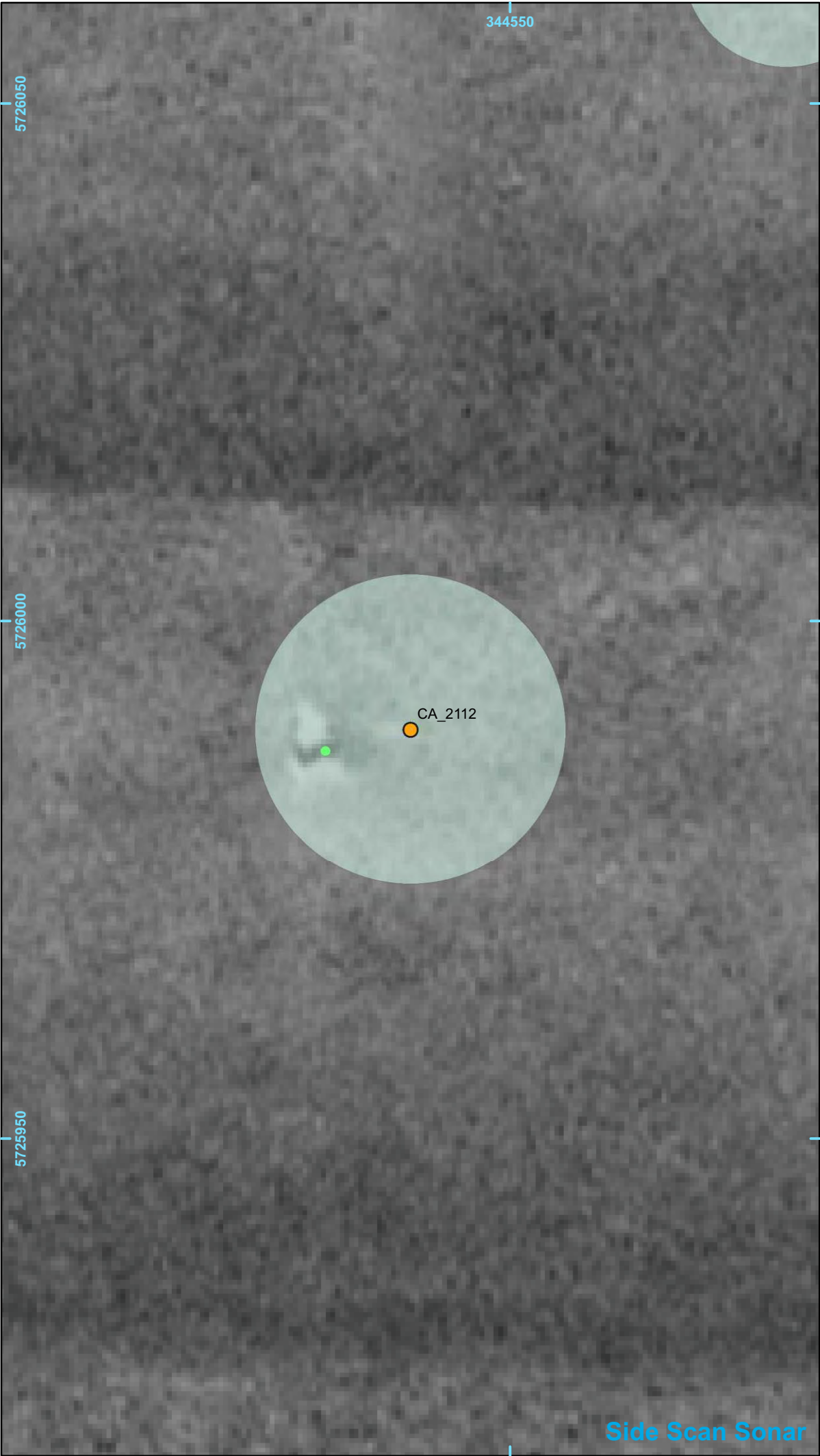
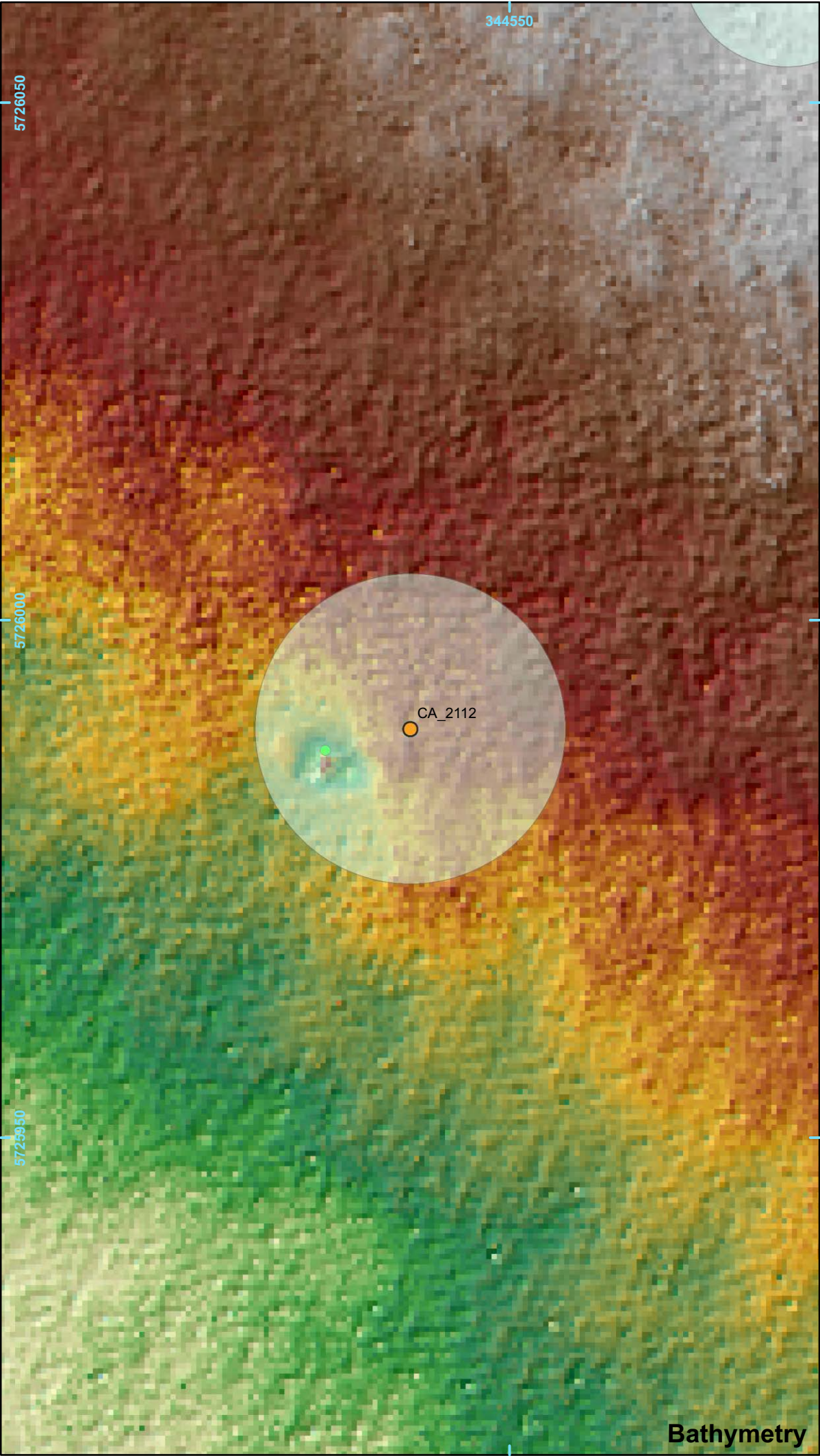
PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Archaeological Anomaly CA_2107

DRAWN BY	MJG (UoS)	PROJECT NO	770349	FIGURE NO.
CHECKED BY	RK	DATE	01/04/2019	B.51
APPROVED BY	MW	SCALE@A3	1:500	



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -50.368
 - Low : -51.672

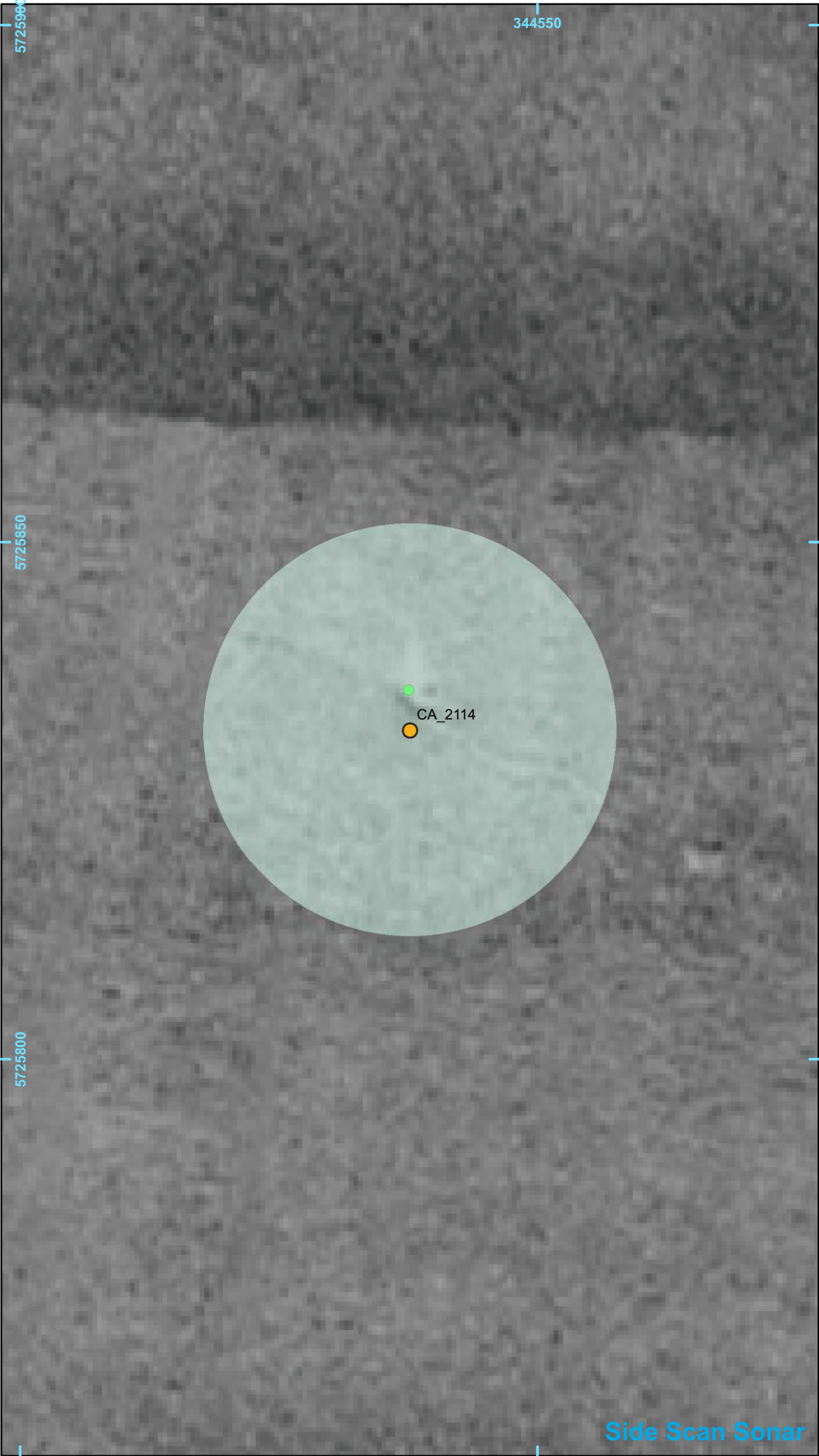
0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Legend

Route Centreline

Route Corridor

Archaeological Anomaly

High

Medium

Low

Archaeological Exclusion Zone

Side Scan Sonar Anomaly

Magnetic Anomaly

0.5 - 2 nT

2 - 5 nT

5 - 10 nT

10 - 25 nT

> 25.0 nT

Bathymetry (mLAT)

High : -51.014

Low : -51.645

0

17.5m

Coordinate System: WGS 1984 UTM Zone 30N

Projection: Transverse Mercator

Datum: WGS 1984

False Easting: 500,000.0000

False Northing: 0.0000

Central Meridian: -3.0000

Scale Factor: 0.9996

Latitude Of Origin: 0.0000

Units: Meter

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PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Archaeological Anomaly CA_2114

DRAWN BY

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RK

MW

PROJECT NO

DATE

SCALE@A3

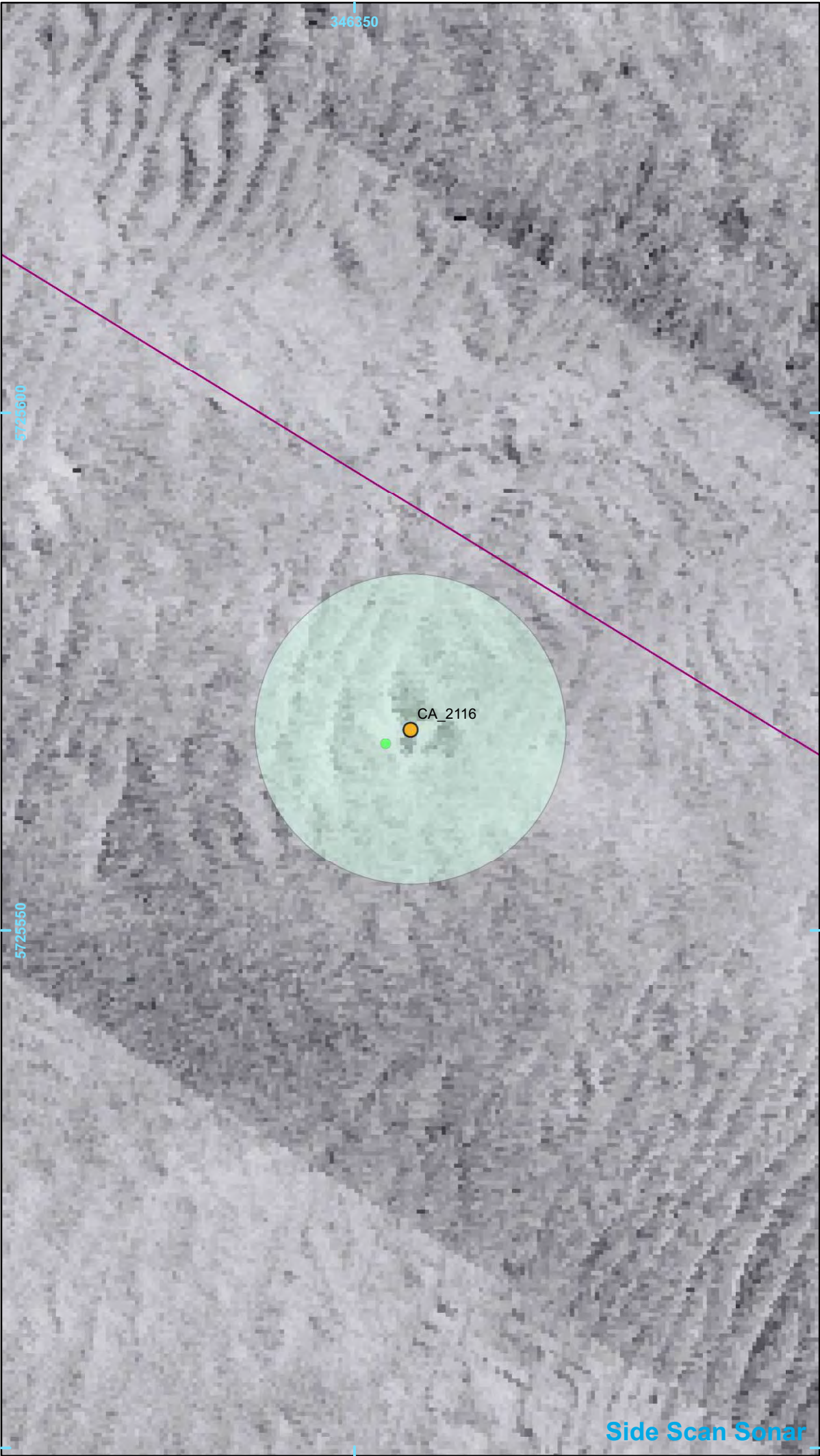
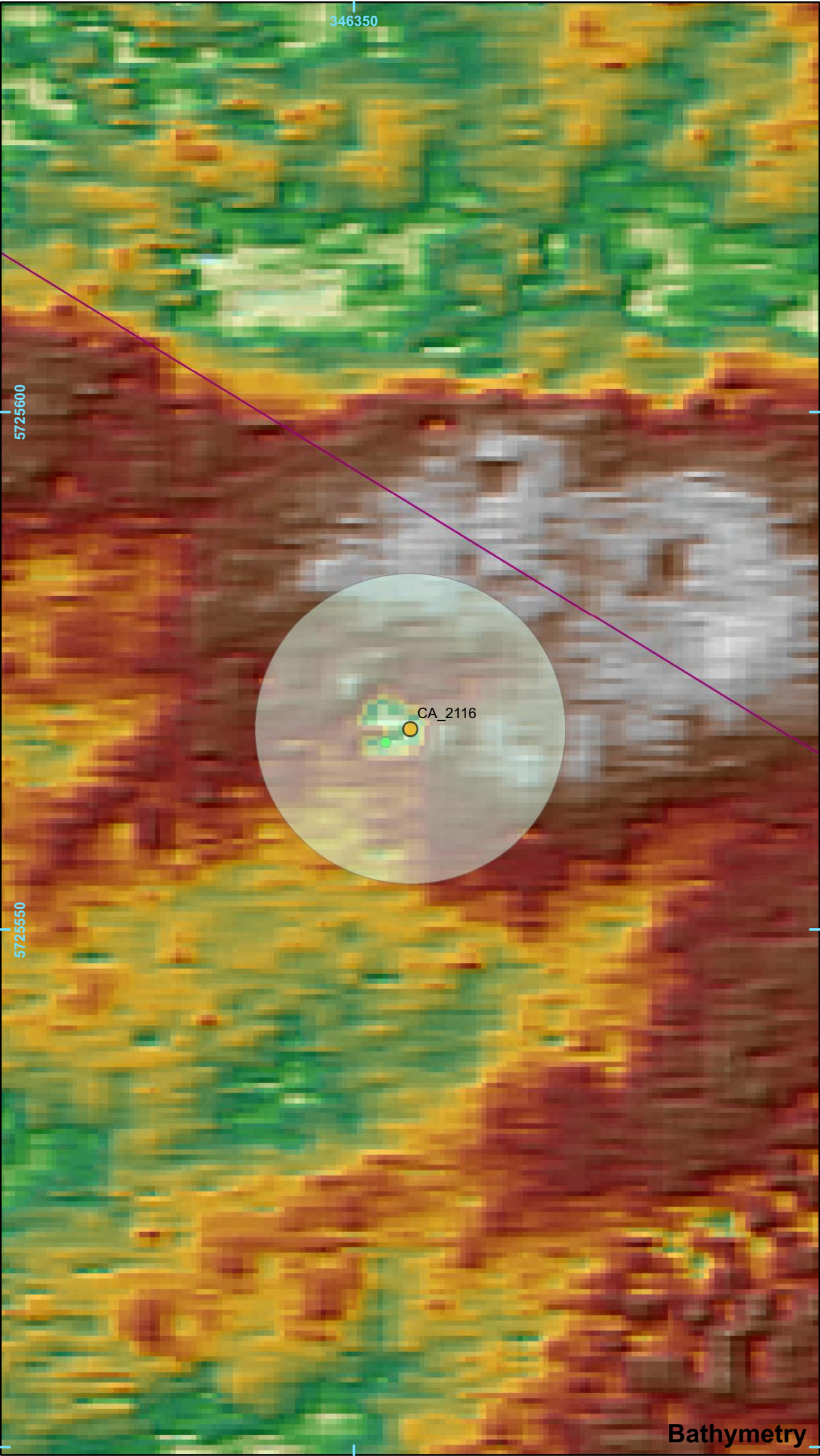
770349

01/04/2019

1:500

FIGURE NO.

B.53



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -48.8155
 - Low : -49.3288

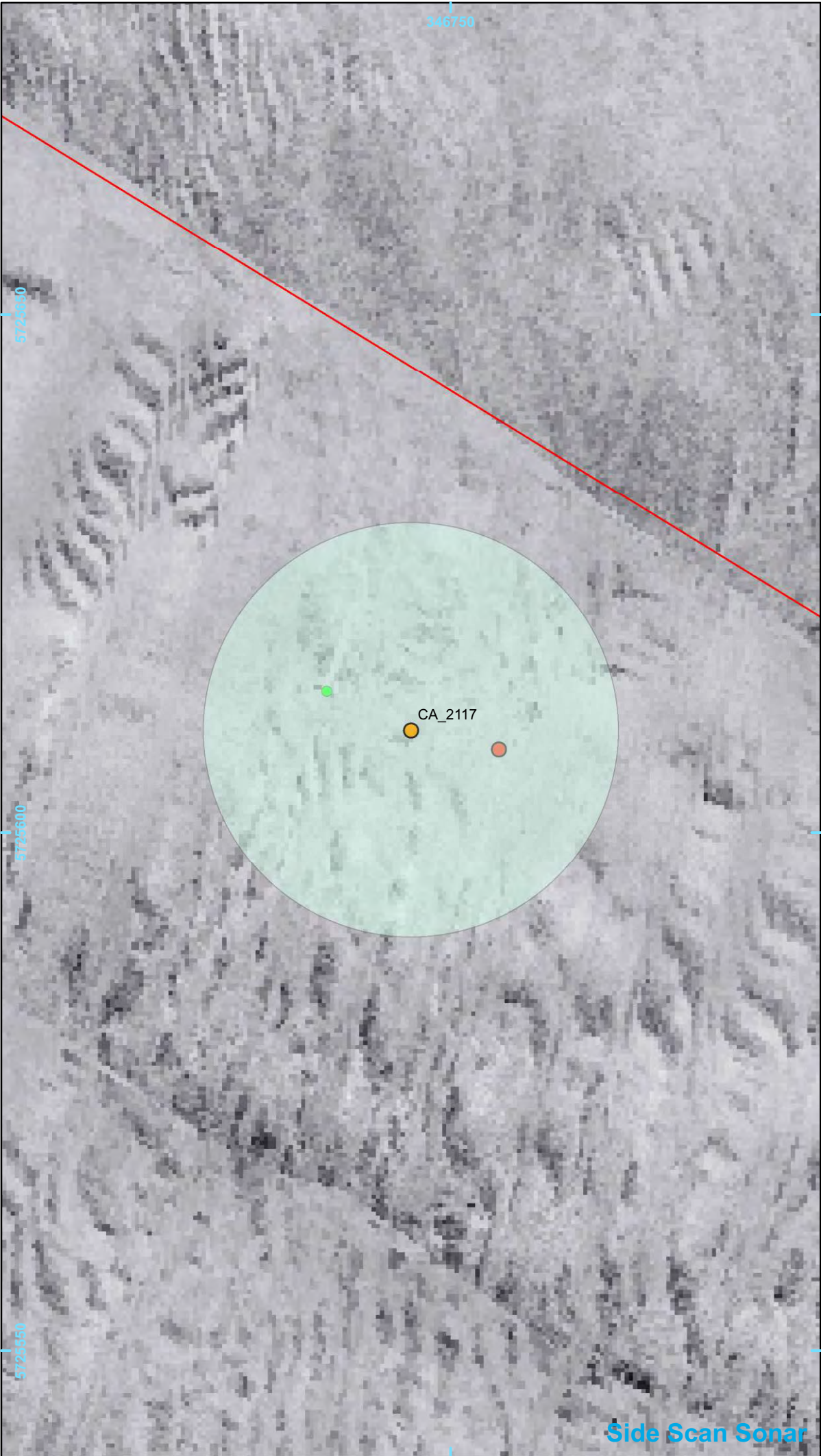
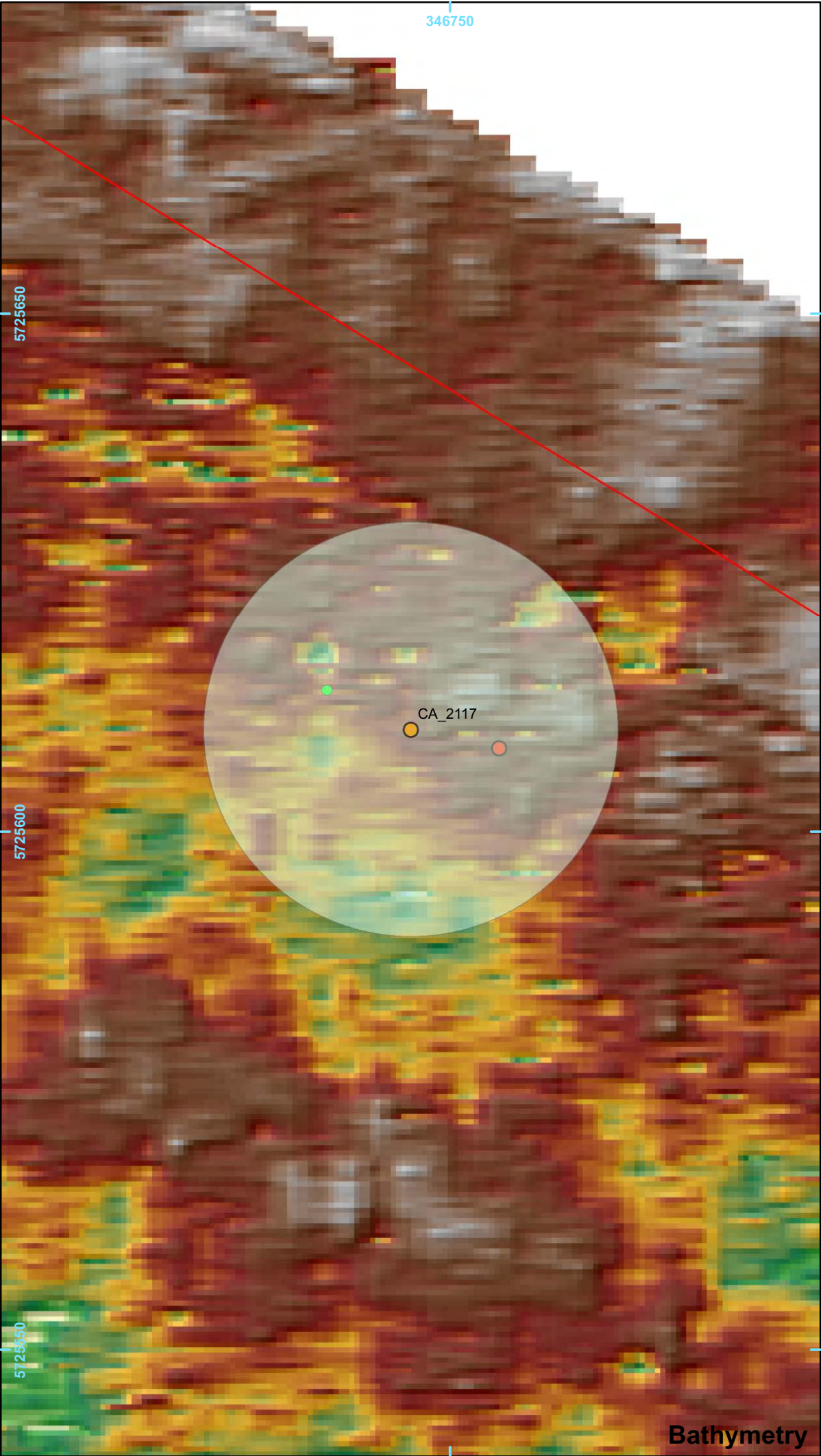
0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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N

Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -48.5316
 - Low : -48.9962

0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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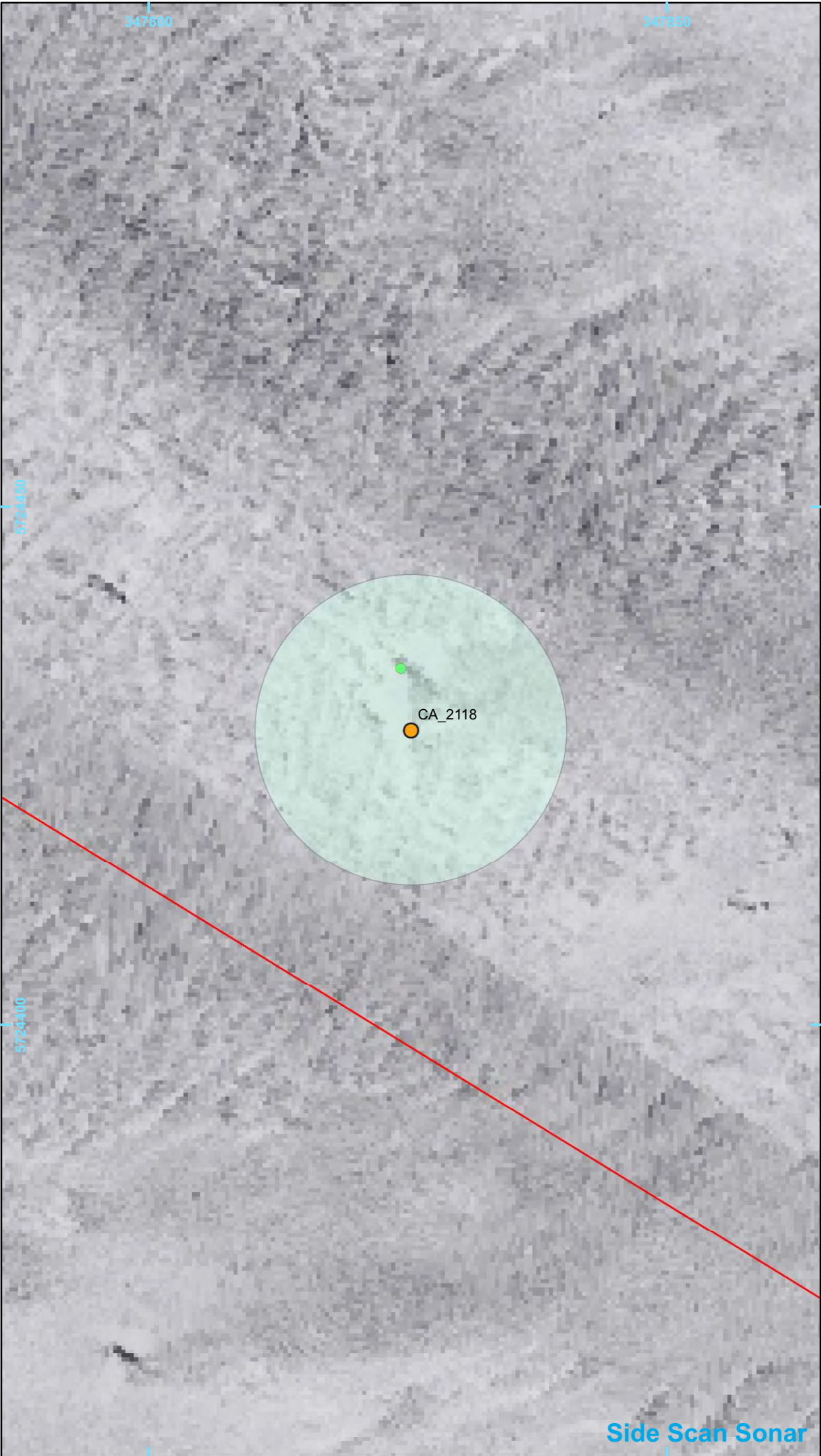
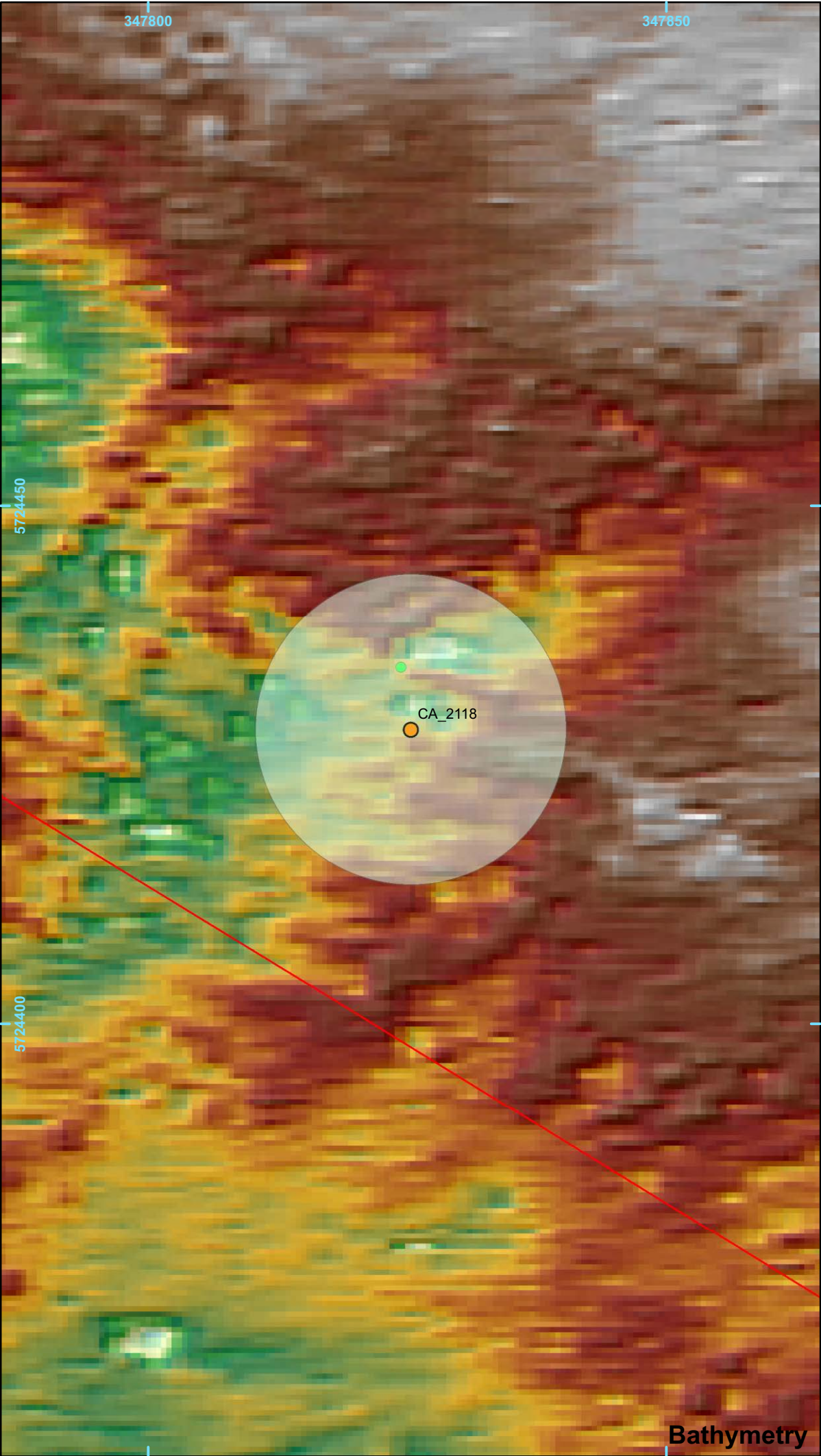
PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Archaeological Anomaly CA_2117

DRAWN BY	MJG (UoS)	PROJECT NO	770349	FIGURE NO.
CHECKED BY	RK	DATE	01/04/2019	B.55
APPROVED BY	MW	SCALE@A3	1:500	



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -47.9941
 - Low : -48.6658

0 17.5m

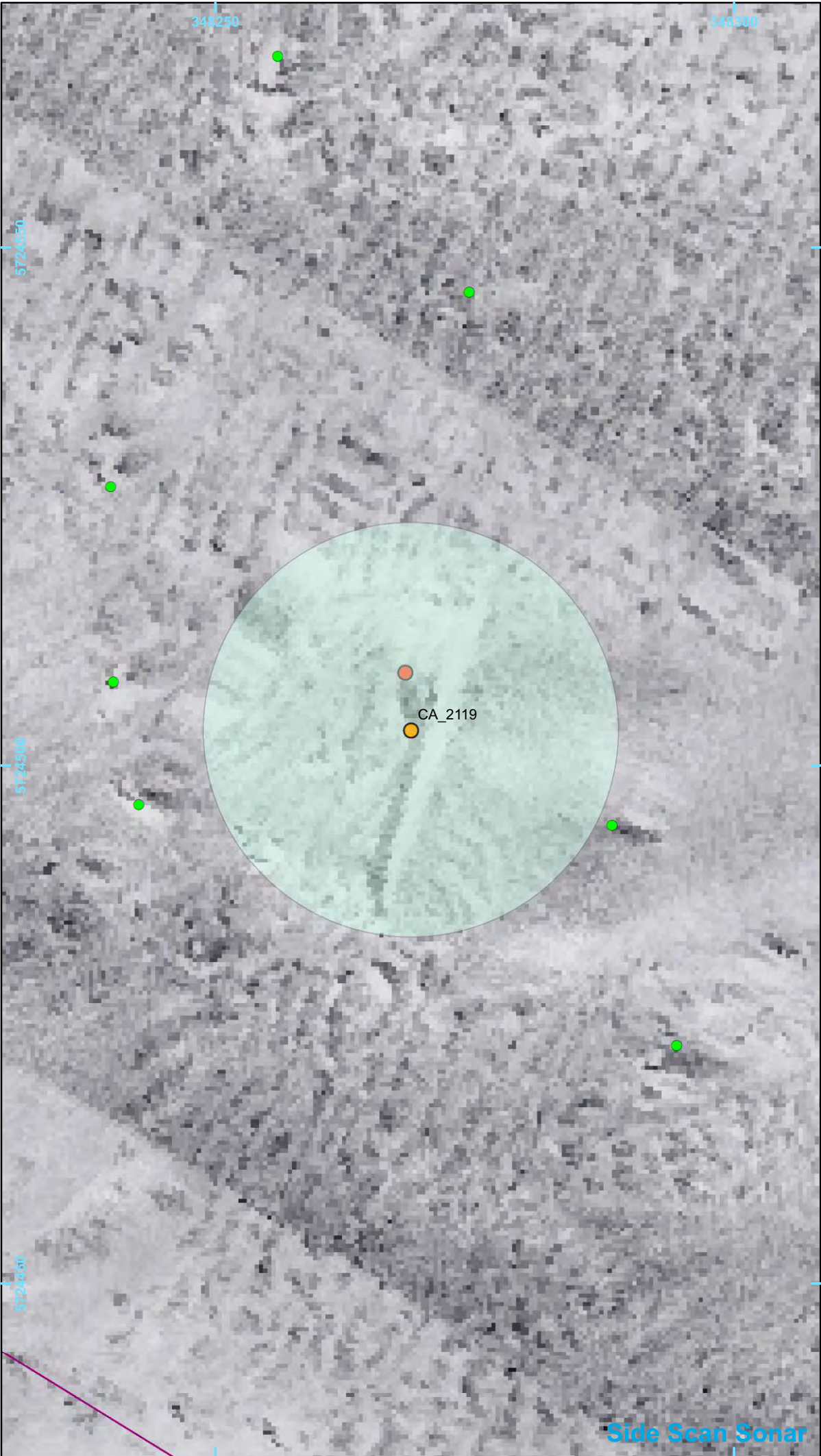
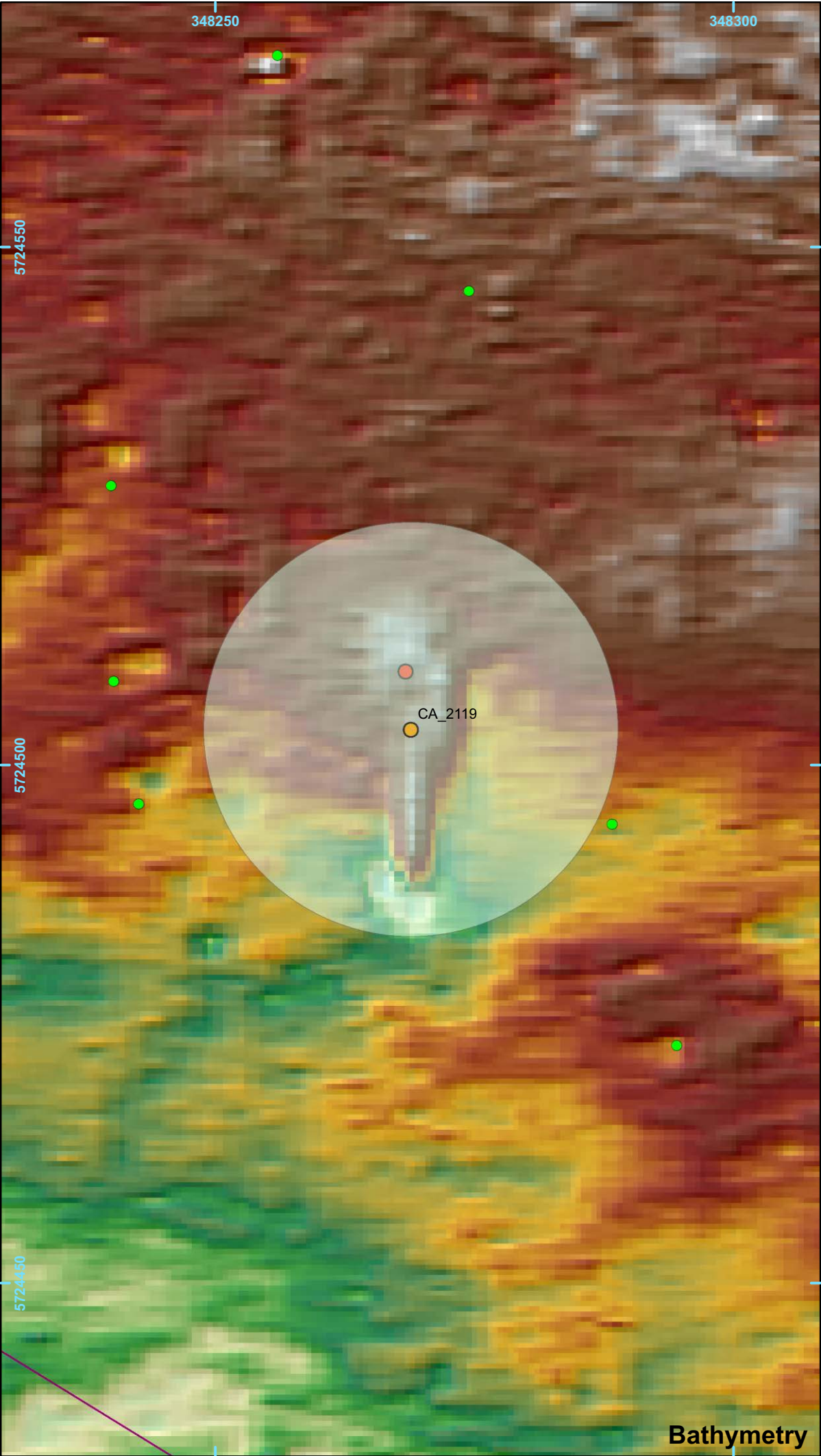
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Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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N

Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -47.2699
 - Low : -48.2584

0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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Cotswold Archaeology marine

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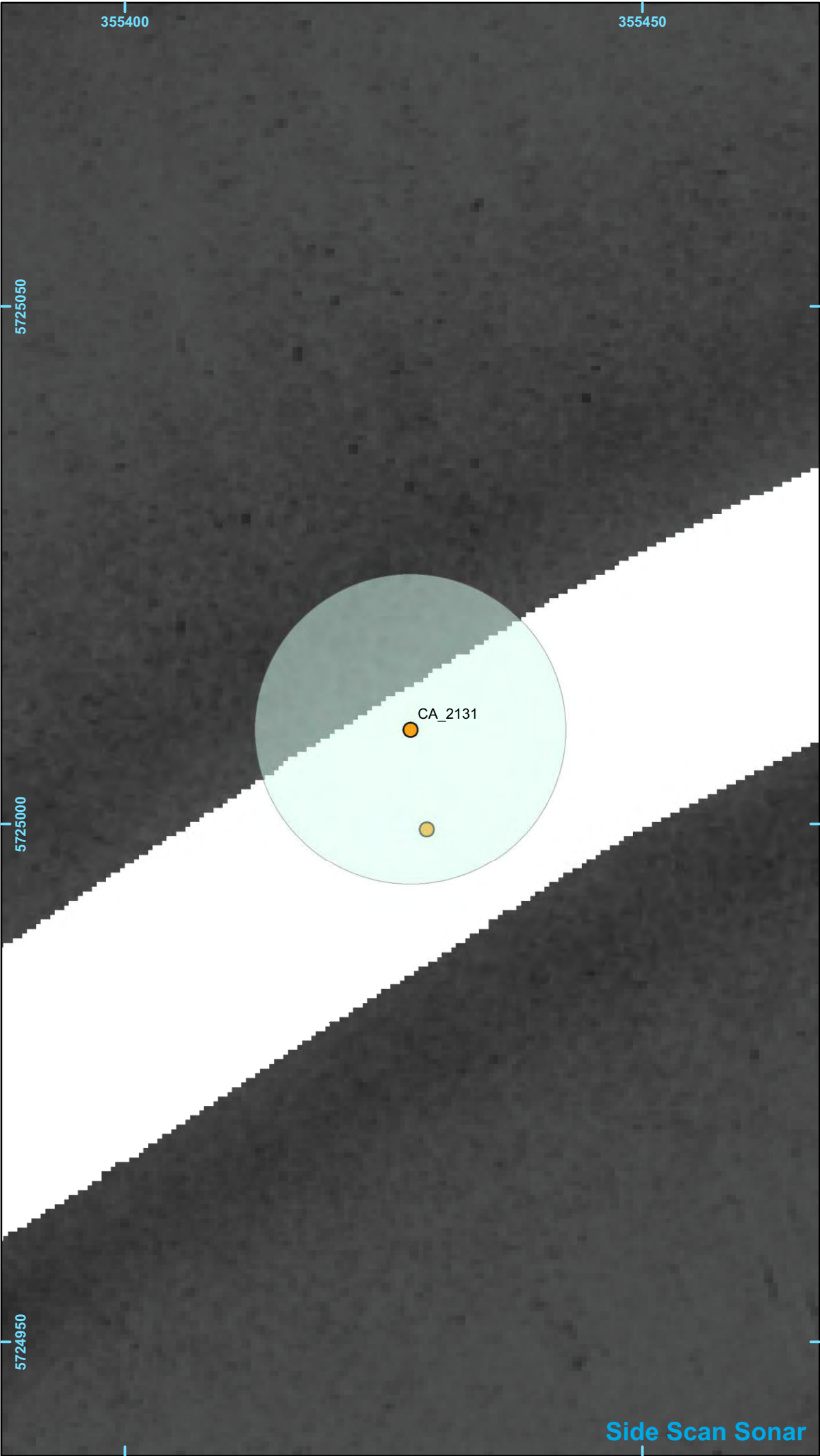
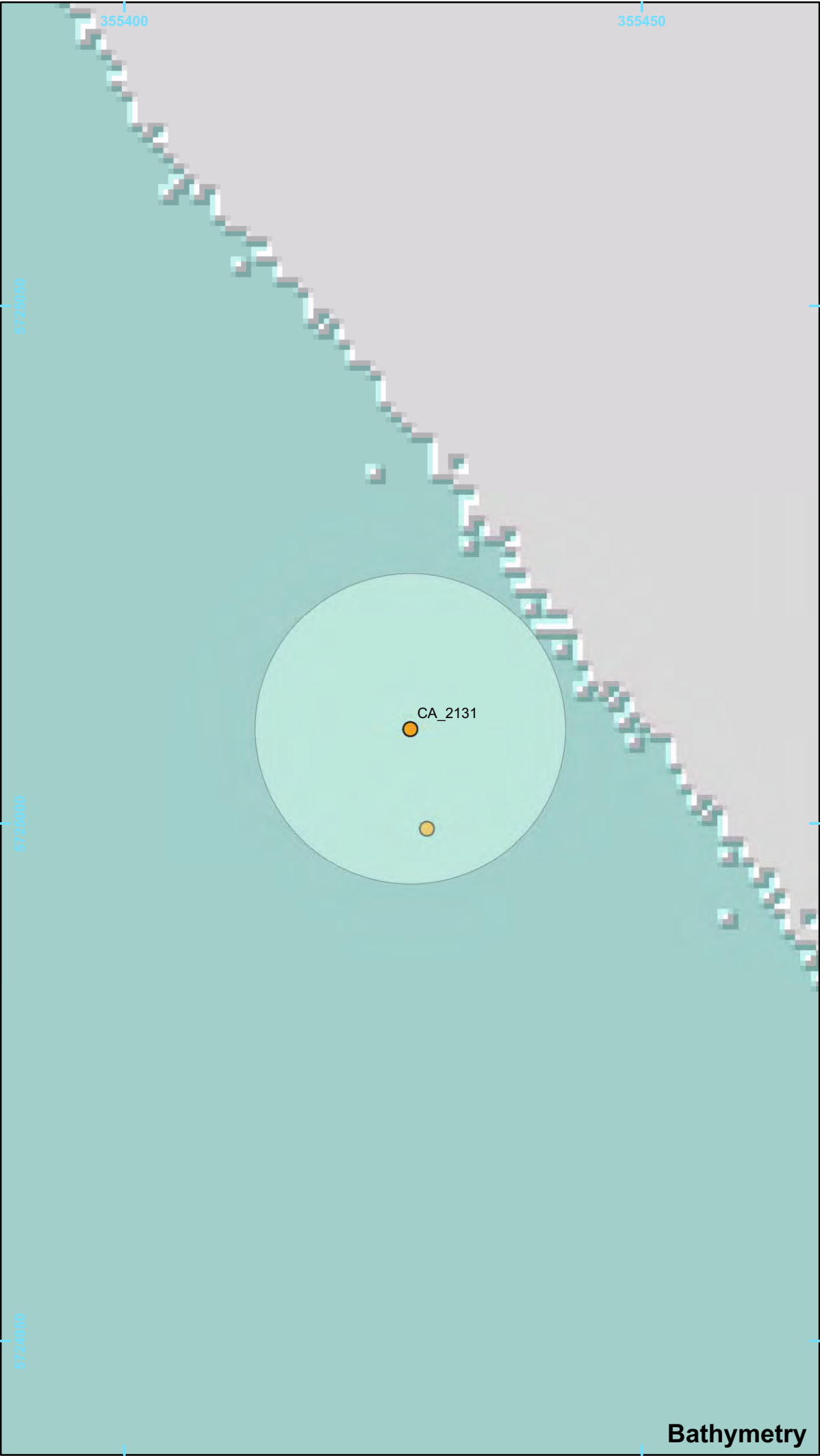
PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Archaeological Anomaly CA_2119

DRAWN BY	MJG (UoS)	PROJECT NO	770349	FIGURE NO.
CHECKED BY	RK	DATE	01/04/2019	B.57
APPROVED BY	MW	SCALE@A3	1:500	



Legend

Route Centreline

Route Corridor

Archaeological Anomaly

High

Medium

Low

Archaeological Exclusion Zone

Side Scan Sonar Anomaly

Magnetic Anomaly

0.5 - 2 nT

2 - 5 nT

5 - 10 nT

10 - 25 nT

> 25.0 nT

Bathymetry (mLAT)

High : -17

Low : -18

0

17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

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PROJECT TITLE

Greenlink Interconnector project

FIGURE TITLE

Archaeological Anomaly CA_2131

DRAWN BY

CHECKED BY

APPROVED BY

MJG (UoS)

RK

MW

PROJECT NO

DATE

SCALE@A3

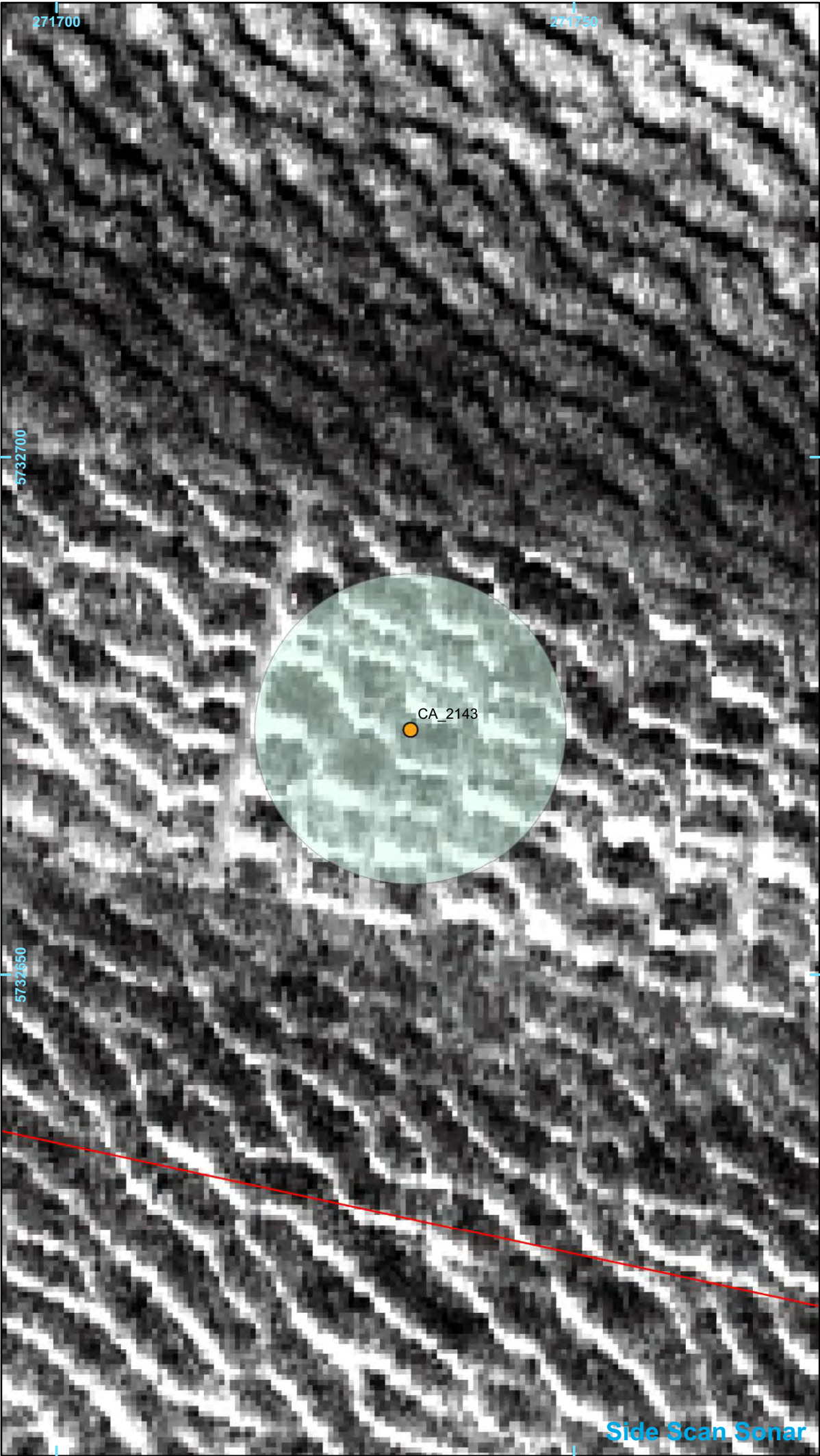
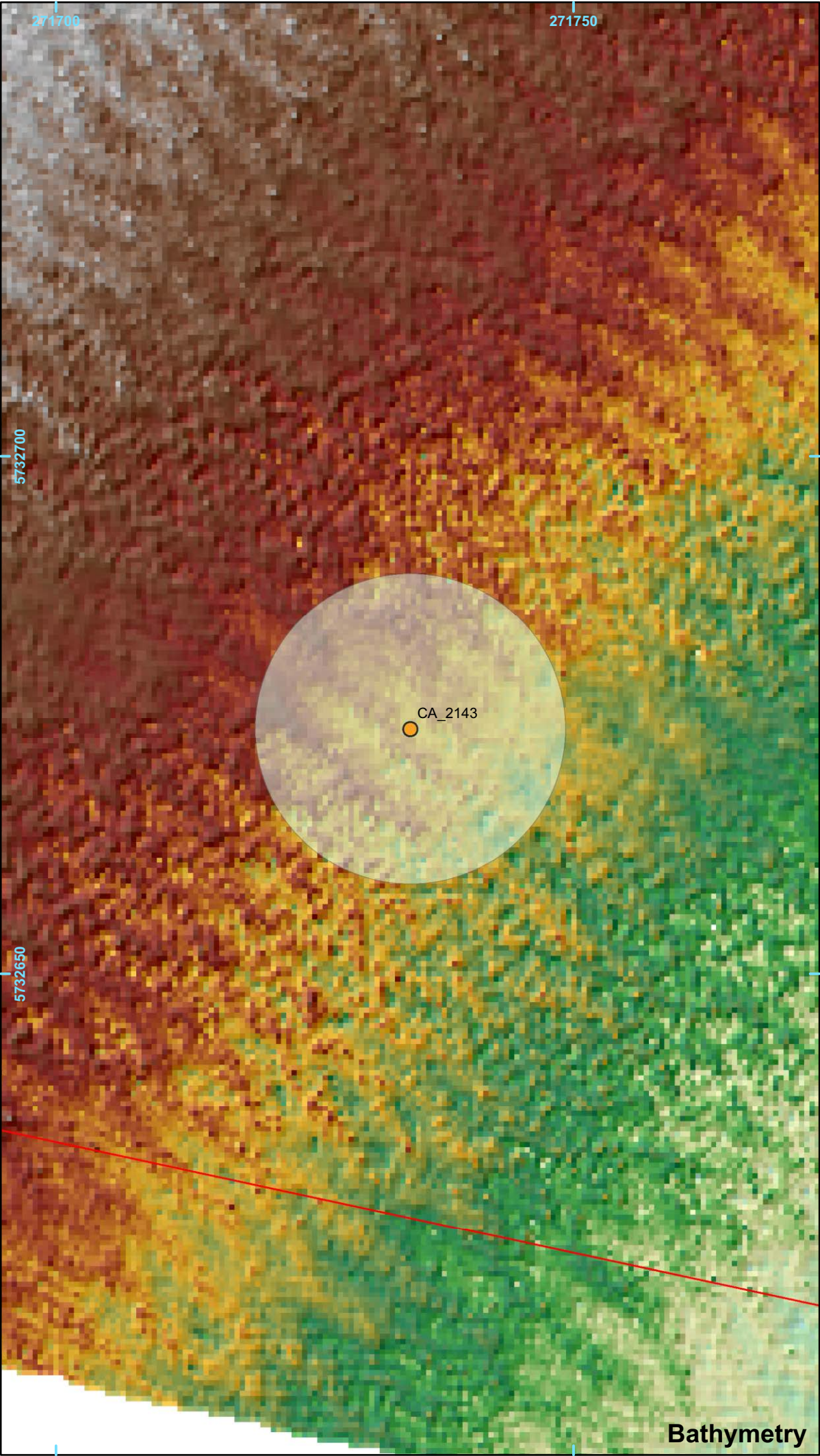
770349

01/04/2019

1:500

FIGURE NO.

B.58



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -75.306
 - Low : -77.056

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

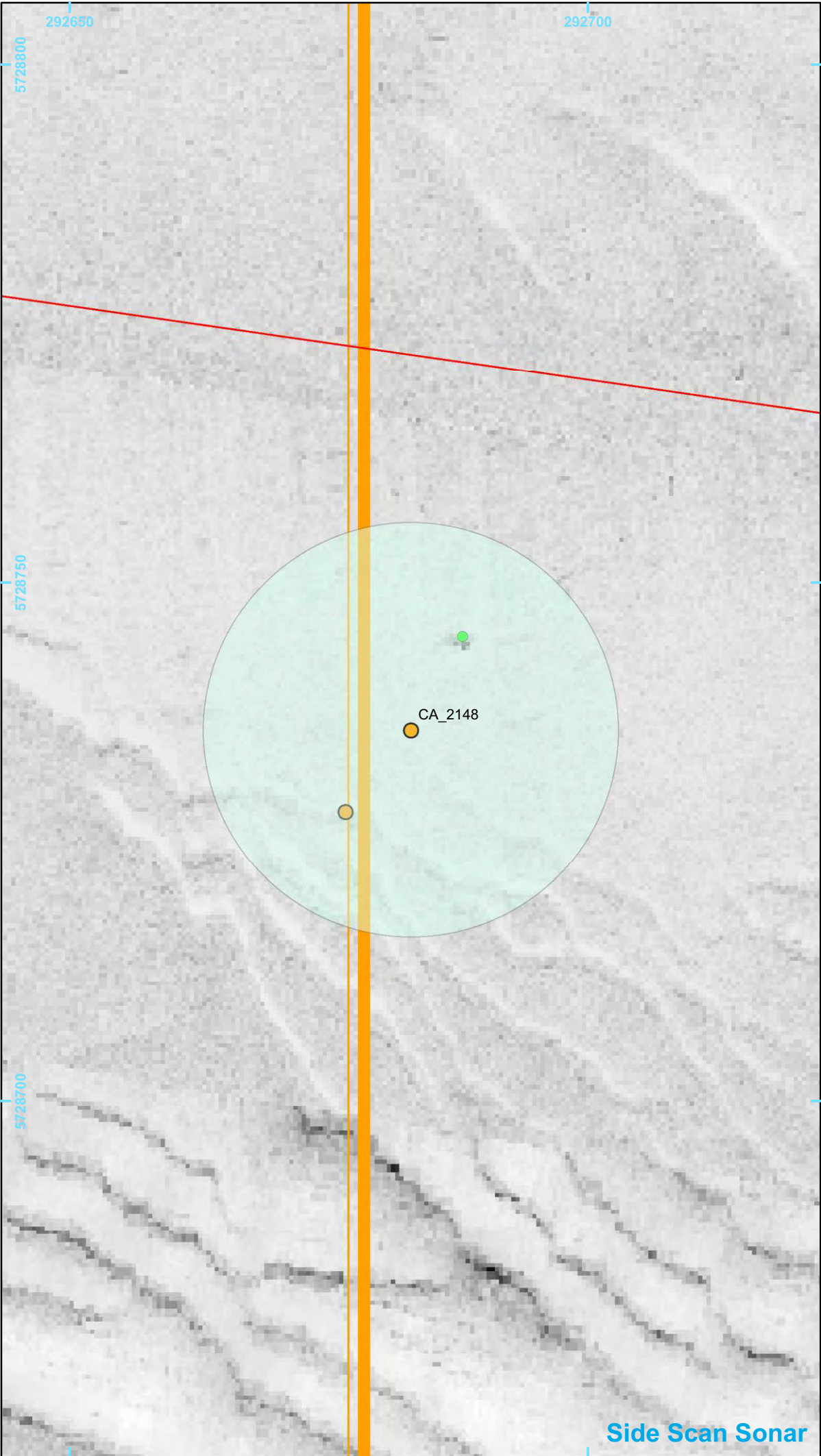
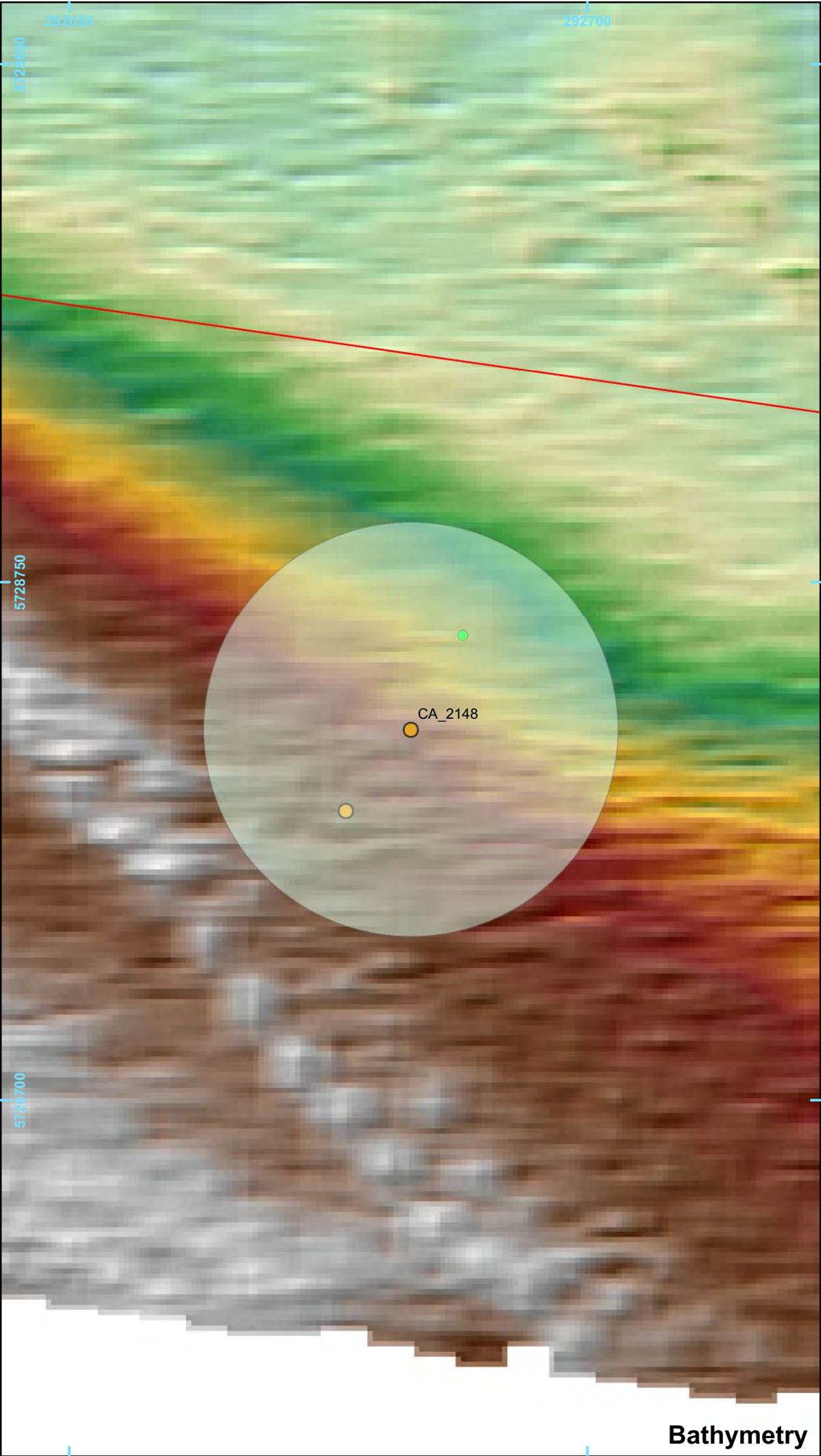
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PROJECT TITLE
Greenlink Interconnector project

FIGURE TITLE
Archaeological Anomaly CA_2143

DRAWN BY	MJG (UoS)	PROJECT NO	770349	FIGURE NO.
CHECKED BY	RK	DATE	01/04/2019	B.59
APPROVED BY	MW	SCALE@A3	1:500	



Legend

- Route Centreline
- Route Corridor
- Archaeological Anomaly
 - High
 - Medium
 - Low
- Archaeological Exclusion Zone
- Side Scan Sonar Anomaly
- Magnetic Anomaly
 - 0.5 - 2 nT
 - 2 - 5 nT
 - 5 - 10 nT
 - 10 - 25 nT
 - > 25.0 nT
- Bathymetry (mLAT)
 - High : -113.753
 - Low : -115.875

0 17.5m

Coordinate System: WGS 1984 UTM Zone 30N
Projection: Transverse Mercator
Datum: WGS 1984
False Easting: 500,000.0000
False Northing: 0.0000
Central Meridian: -3.0000
Scale Factor: 0.9996
Latitude Of Origin: 0.0000
Units: Meter

Contains Irish Public Sector Data (Geological Survey) licensed under a Creative Commons Attribution 4.0 International (CC BY 4.0) licence. Background bathymetry: EMODnet Bathymetry Consortium (2016); EMODnet Digital Bathymetry (DTM). Contains public sector information, licensed under the Open Government Licence v3.0, from Maritime and Coastguard Agency

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APPENDIX C: GUIDELINES FOR IDENTIFYING FINDS OF ARCHAEOLOGICAL INTEREST (AFTER THE CROWN ESTATE & WESSEX ARCHAEOLOGY 2014)

Rubber, plastic etc

In most cases, rubber, plastic, bakelite and similar modern materials are not of archaeological interest and can be disregarded. One exception is where such materials are found in the same area as aluminium objects and structures, which may indicate aircraft wreckage from World War Two. Such material should be reported.

Iron and steel

The potential range and date of iron and steel objects is so wide that it is difficult to provide general guidance. In broad terms, iron and steel objects which are covered by a thick amorphous concrete-like coating ('concretion') are likely to be of archaeological interest and should be reported. Pieces of metal sheet and structure may indicate a wreck and should be reported. A Munitions Code of Practice applies in respect of ordnance (cannonballs, bullets, shells) which should take precedence over archaeological requirements. However, discoveries of ordnance may be of archaeological interest, and they should be reported.

Other metals

Items made of thin, tinned or painted metal sheet are unlikely to be of archaeological interest. Aluminium objects may indicate aircraft wreckage from World War Two, especially if two or more pieces of aluminium are fixed together by rivets. All occurrences should be reported. Copper and copper alloy (bronze, brass) objects might indicate a wreck, or they may be very old. All occurrences should be reported. Precious metal objects and coins are definitely of archaeological interest because they are relatively easy to date. All occurrences should be reported.

Bone

Occasional discoveries of animal bone, teeth and tusks are of archaeological interest because they may date to periods when the seabed formed dry land and should be reported. Such bones, teeth, tusks etc. may have signs of damage, breaking or cutting that can be directly attributed to human activity. Large quantities of animal bone may indicate a wreck (the remains of cargo or provisions) and should be reported. Human bone is definitely of archaeological interest and is also subject to special legal requirements under the Burial Act 1857. Any suspected human bone should be reported and treated with discretion and respect. Objects made out of bone – such as combs, harpoon points or decorative items – can be very old and are definitely of archaeological interest. All occurrences should be reported.

Wood

Light coloured wood, or wood that floats easily, is probably modern and is unlikely to be of archaeological interest. 'Roundwood' with bark – such as branches – is unlikely to be of archaeological interest. However, roundwood that has clearly been shaped or made into a point should be reported. Pieces of wood that have been shaped or jointed may be of archaeological interest, especially if fixed with wooden pegs, bolts or nails. All occurrences should be reported. Objects made out of dark, waterlogged wood – such as bowls, handles, shafts and so on – can be very old and are definitely of archaeological interest. All occurrences should be reported.

Stone

Small to medium sized stones that are shaped, polished and/or pierced may be prehistoric axes. All occurrences should be reported. Objects such as axe heads or knife blades made from flint are of prehistoric date and should be reported. Large blocks of stone that have been pierced or shaped may have been used as anchors or weights for fishing nets. All occurrences should be reported. The recovery of numerous stones may indicate the ballast mound of a wreck, or a navigational cairn. All occurrences should be reported.

Pottery

Any fragment of pottery is potentially of interest, especially if it is a large fragment. Items which look like modern crockery can be discarded, but if the item has an unusual shape, glaze or fabric it should be reported.

Brick

Bricks with modern proportions and v-shaped hollows ('frogs') are of no archaeological interest. Unfrogged, 'small', 'thin' or otherwise unusual bricks may date back to medieval or even Roman times and should be reported.

Peat and clay deposits

Peat is black or brown fibrous soil that formed when sea level was so low that the seabed formed marshy land, on the banks of a river or estuary for example. The peat is made up of plant remains, and also contains microscopic remains that can provide information about the environment at the time it was formed. This information helps us to understand the kind of landscape that our predecessors inhabited, and about how their landscape changed. It can also provide information about rising sea-level and coastline change, which are important to understanding processes that are affecting us today. Prehistoric structures (such as wooden trackways) and artefacts are often found within

or near peat, because our predecessors used the many resources that these marshy areas contained. As these areas were waterlogged and have continued to be waterlogged because the sea has risen, 'organic' artefacts made of wood, leather, textiles and so on often survive together with the stone and pottery which are found on 'dry' sites.

Fine-grained sediments such as silts and clays are often found at the same places as peat. These fine-grained sediments also contain the microscopic remains that can provide information about past environments and sea level change. Any discoveries of such material would be of archaeological interest, and their occurrence should be reported.

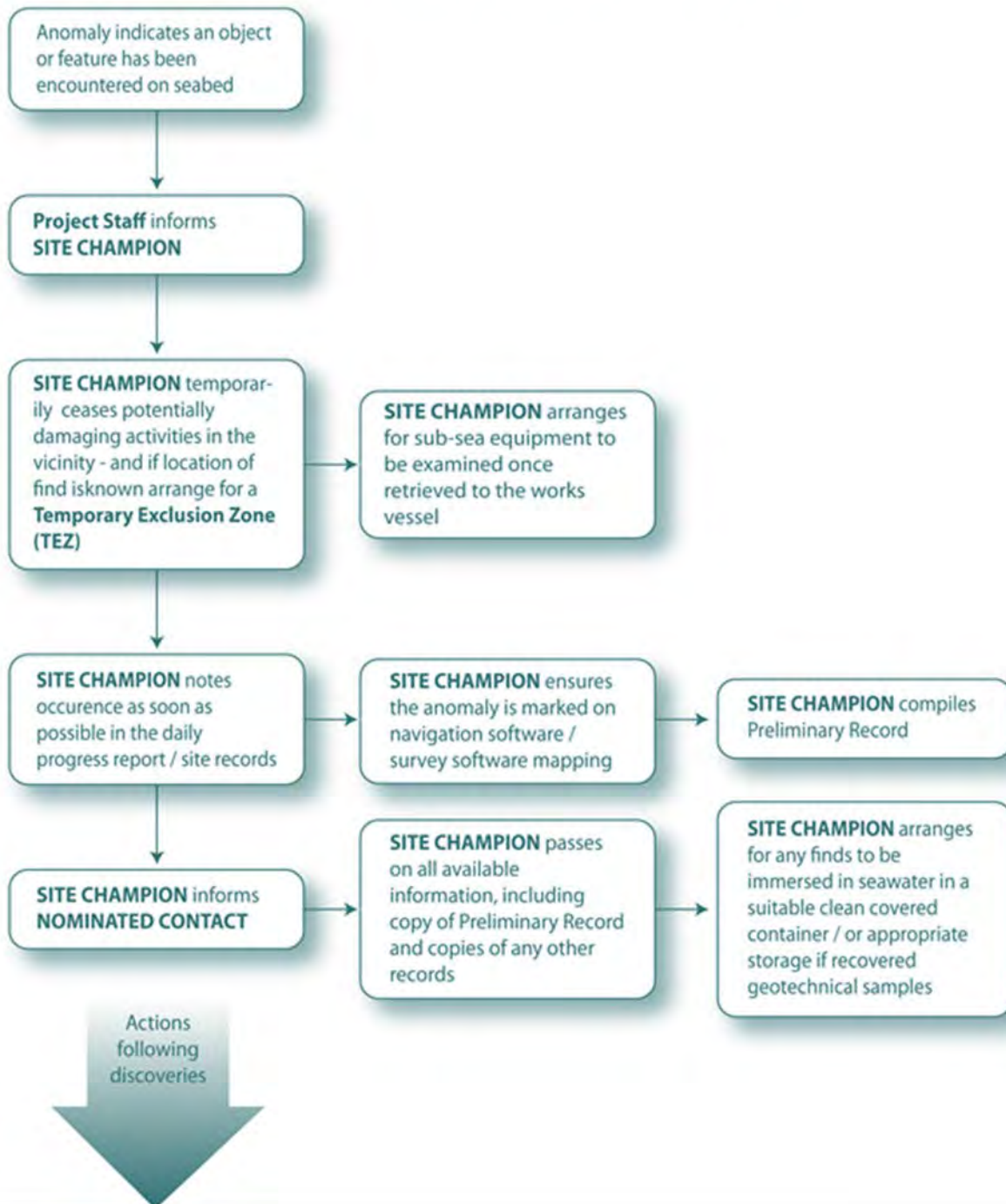
APPENDIX D: PAD PROCEDURES TO BE FOLLOWED IN THE EVENT OF A DISCOVERY

Preliminary Record for discoveries on the seabed / on board / in the inter-tidal zone / on land

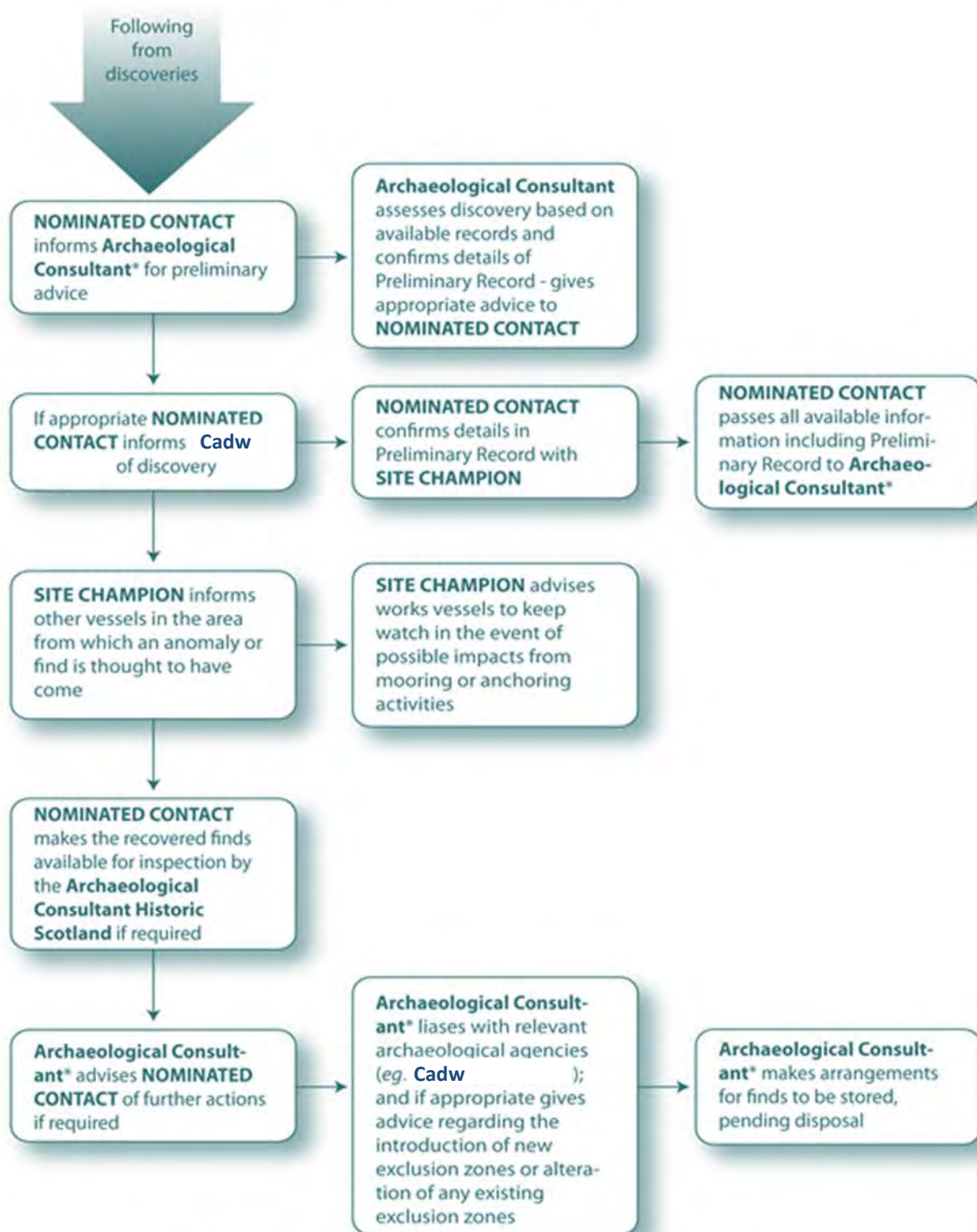
Company Name:
Vessel/Team Name:
Site/sea area Name:
Date:
Time of compiling information:
Name of compiler (Site Champion):
Name of finder (if different to above):
Time at which discovery was encountered:
Vessel position at time when anomaly was encountered:
a) Latitude
b) Longitude
c) Datum (if different from WGS84)
Original position of the anomaly on the seabed, if known:
Notes on likely accuracy of original position stated above:
a) How accurate is the position?
b) Is the position the original position or has the material been moved by operations?
c) Details of circumstances and activity that lead to the discovery

Description of the find/anomaly:	
Apparent size/extent of the anomaly:	
Details of any find(s) recovered:	
Details of photographs, drawings or other records made of the find(s) (e.g. location figure):	
Details of treatment or storage of find(s):	
Date and time Nominated Contact informed:	
General notes:	
If discovered on the seabed:	
a) Derived from: e.g. Obstacle Avoidance Sonar, Cable Tensiometer?	
b) Apparent size/extent of anomaly (length, width, height above seabed)	
c) Extent of deviation/route development	
Signed:	Date:

Discoveries on the seabed and on board flow chart



Actions following discoveries flow chart



* This is in lieu of TCE appointing an **Implementation Service (IS)**

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