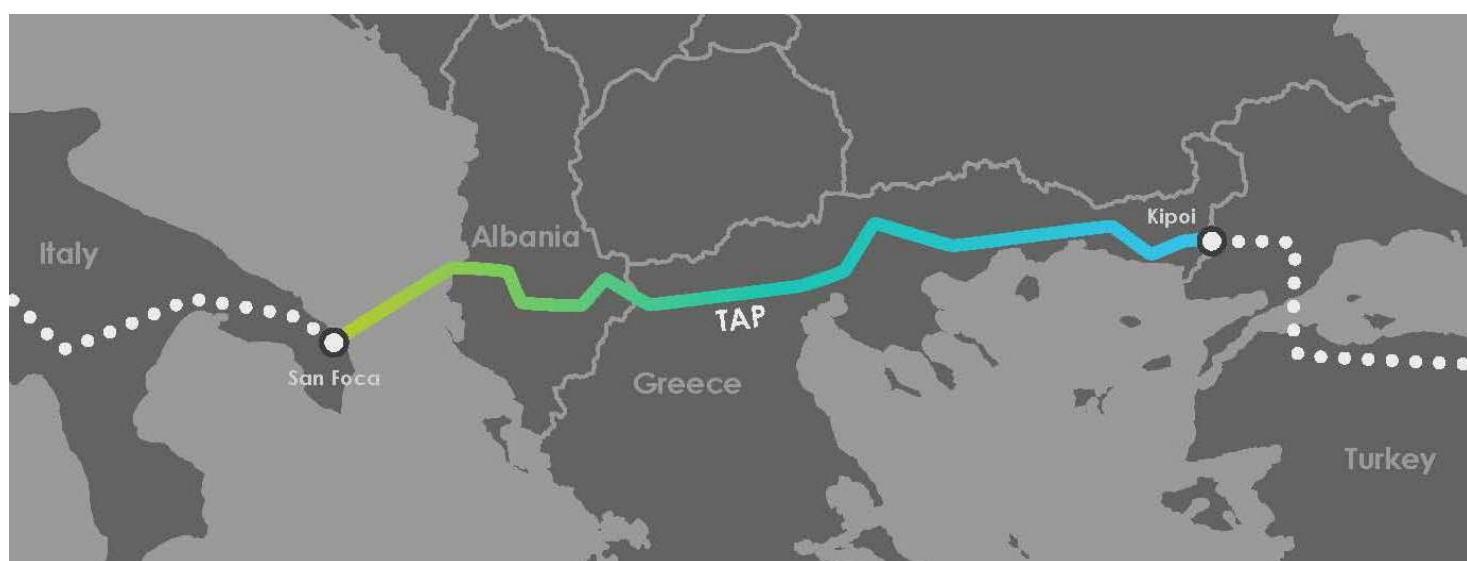




Trans Adriatic
Pipeline



Italy Cultural Heritage Management Plan


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Glossary of Terms

Archaeological Contractor	The Archaeological Contractor is the organisation contracted to be responsible for a variety of cultural heritage responsibilities. The Archaeological Contractor is contracted by the COMPANY
Archaeological Sub-Contractor	The Archaeological Sub-Contractor is the organisation contracted to be responsible for a variety of cultural heritage responsibilities in compliance with relevant national standards and requirements. The Archaeological Sub-Contractor is contracted by the CONTRACTOR
Battery Limit Point Italy	The location of the first dry weld of the pipeline in Italy (i.e. the dry weld closest to the sea)
COMPANY	Trans Adriatic Pipeline AG
CONTRACTOR	Engineering, Procurement and Construction (EPC) contractors and their sub-contractors
Chance Find	Potential cultural heritage (or paleontological) objects, features, or sites that are identified outside of or after a formal site reconnaissance, normally as a result of construction management
Cultural heritage impact	A change to cultural heritage (in this context “cultural heritage” refers to any tangible (e.g. objects, artefacts, structures, spaces) or intangible element which is of value or importance to people’s culture, history and/or identity) which has occurred as a result of Project activities. Impacts may be considered to be positive or negative.
Cultural Heritage	<p>As per EBRD definition, Cultural Heritage is a group of resources inherited from the past which people identify, independently of ownership, as a reflection and expression of their evolving values, beliefs, knowledge and traditions. It encompasses tangible (physical) and intangible cultural heritage, which is recognized at the local, regional or national level, or within the international community.</p> <p>Physical Cultural Heritage: refers to movable or immovable objects, sites, groups of structures as well as cultural or sacred spaces associated therewith, and natural features and landscapes that have archaeological, paleontological, historical, architectural, religious, aesthetic or other cultural significance.</p> <p>Intangible Cultural Heritage: refers to practices, representations, expressions, knowledge and skills that the communities, groups and, in some cases, individuals recognize as part of their cultural heritage and which are transmitted from generation to generation. In terms of the Project it is the associated instruments, objects, artefacts and cultural space that may be affected.</p>
Coastal areas	Areas located between the Battery Limit Point Italy and Mean High Water Springs (MHWS)
Environmental impact	A change to the environment (in this context the “environment” refers to any aspect of the natural or semi-natural physical environment (air, water, soil etc.)) resulting from Project activities. Impacts may be considered to be positive or negative.
Marine areas	Areas located between MHWS and the Italy–Albania median line
Median Line	An agreed marine territorial boundary separating the EEZ(s) of two or more countries
MHWS	<p>Mean High Water Spring</p> <p>The mean average of the highest levels that spring tides reach over two successive high waters during those periods of 24 hours when the range of the tide is at its greatest, taken over a period of time (typically 19 years).</p> <p>MHWS is considered the point on this project that delineates between marine and coastal areas, which are both considered in the offshore CCPs</p>
Microtunnel	A 3-m-diameter tunnel extending across the Italian landfall (approximately 1485 m in length). The microtunnel allows the installation of the pipeline in the landfall area without the need to excavate a trench
MLWS	<p>Mean Low Water Springs</p> <p>The mean average of the lowest levels that spring tides reach over two successive low waters during those periods of 24 hours when the range of the tide is at its greatest, taken over a period of time (typically 19 years)</p>

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Nearshore	For the purposes of these CHMPs, the nearshore marine area in the vicinity of the pipeline landfall is defined as the area seaward from MLWS to approximately 10 m water depth
Offshore areas	Areas located between the Battery Limit Point Italy and the Italy–Albania median line. Inclusive of both coastal and marine areas
Pipeline	Proposed pipeline scheme (TAP) including related facilities such as access roads etc.
Project	Proposed pipeline scheme to bring natural gas from the Caspian region to western and South-Eastern Europe (TAP)

Defining onshore, offshore, coastal and marine areas

Onshore areas are defined as all areas located between the Battery Limit Point Italy (i.e. the location of the first dry weld) and the pipeline receiving terminal (PRT). For further information on the Battery Limit Point location, see the TAP Battery Limits Onshore – Offshore Sections document (CPL00-ENT-100-F-DFO-0002).


Offshore areas include both coastal and marine areas, which are defined as follows. Coastal areas are defined as all areas located between the Battery Limit Point Italy and the Mean High Water Springs (MHWS¹). Marine areas are defined as all areas located between Mean High Water Springs (MHWS) and the Italy–Albania median line. Offshore areas include both the marine and coastal areas, and therefore include all areas located between the Battery Limit Point Italy and the Italy-Albania median line.

¹ In the case of the Italian landfall, pipeline construction using a microtunnel complicates the issue. Work sites within marine and coastal areas are further clarified in Section 1.2.

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List of Acronyms and Abbreviations

ALARP	As Low As Reasonably Practicable
CCP	Contractor Control Plans
CHA	Cultural Heritage Advisor (COMPANY)
CHE	Cultural Heritage Expert (COMPANY)
CHM	Cultural Heritage Monitor (COMPANY)
COMPANY	Trans Adriatic Pipeline AG
CONTRACTOR	Construction contractors for Italy
CCHM/CCHFO	Contractor Cultural Heritage Monitor or Contractor Cultural Heritage Field Officer (CONTRACTOR)
EAA	European Archaeological Association
EBRD	European Bank for Reconstruction and Development
EBRD PR	European Bank for Reconstruction and Development Performance Requirement
EEZ	Exclusive Economic Zone (offshore area extending a maximum of 200 nautical miles beyond territorial waters)
EHS	Environment, Health and Safety
ESIA	Environmental and Social Impact Assessment
ESIP	Environment and Social Implementation Plan
CHMP	Environmental and Social Management Documents
ESMS	Environmental and Social Management System
EU	European Union
FOC	Fibre Optic Cable
GPS	Global Positioning System
HRIA	Human Rights Impact Assessment
IfA	Institute for Archaeologists, a UK organisation
IFC	International Finance Corporation
KP	Kilometre Points relating to the pipeline route as per the base case described in the ESIA Italy. It is possible that the location will change because of re-routing)
MiBACT	Ministry for Cultural Heritage and Activities and Tourism
SABAP	Archaeology, Fine Arts and Landscape Superintendence for the Provinces of Brindisi, Lecce and Taranto
ICCD	Central Institute for the Cataloguing and Documentation
PRT	Pipeline receiving terminal
TAP	Trans Adriatic Pipeline
TAP AG	Trans Adriatic Pipeline AG joint venture company
UXO	Munitions or unexploded ordnance
WSI	Written Scheme of Investigation

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1 Introduction

The CHMP applies specifically to cultural heritage work of both onshore and offshore areas that might be affected by the Project in Italy and is part of the ESMD for the project. It identifies the commitments made in relation to the management of onshore and offshore cultural heritage during the construction and commissioning phase of the Project in Italy and describes the COMPANY's responsibilities in terms of meeting these commitments. Where a specific commitment from the Commitments Register Italy is described in this document it is followed by its reference number as stated on the Project Commitment Register Italy (e.g. IT0012). Additional requirements have been included within this CHMP where they are deemed internationally acceptable or best practice. A reference number does not follow these additional requirements.

The Environmental and Social Management Plan (CAL00-PMT-601-Y-TTM-0006) provides an explanation of how this CHMP is to be used in conjunction with other related Project documents.

1.1 Objectives

This CHMP has been prepared to define the necessary mitigation measures to ensure that negative impacts to onshore and offshore cultural heritage resulting from Project activities are prevented or, where this is not possible, reduced to as low as reasonably practicable (ALARP²) during the construction and commissioning phases of the onshore and offshore sections of the Project in Italy. The objectives of this CHMP are to ensure that onshore and offshore cultural heritage management related work complies with applicable national and international legislation, the relevant EBRD and IFC Performance Requirements / Standards, the commitments made in the Environmental and Social Impact Assessment (ESIA) Italy, COMPANY policies and best international practice in order to avoid all potential damages to onshore and offshore cultural resources.


1.2 Scope

This CHMP defines COMPANY plans and procedures relating to onshore and offshore cultural heritage that the COMPANY shall implement wherever feasible during construction, including hydrotesting and commissioning (IT0522).

The scope of this CHMP includes:

- measures for impact avoidance, minimisation, and mitigation (including pre-construction studies, construction monitoring, Chance Finds procedures and the protection of both known and unknown onshore and offshore cultural heritage sites)

² For a risk (or impact) to be ALARP it must be possible to demonstrate that the cost involved in reducing the risk/impact further would be grossly disproportionate to the benefit gained. The ALARP principle arises from the fact that infinite time, effort and money could be spent on the attempt of reducing a risk/impact to zero. It should not be understood as simply a quantitative measure of benefit against detriment. It is more a best common practice of judgement of the balance of risk and societal benefit.

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- a project archaeological overview
- organisational set-up for management of cultural resources.

The scope of this CHMP focuses on three general categories of cultural heritage: archaeological sites (typically underground), monuments (standing structures or ruins), and sites with intangible cultural heritage (ICH) value. As part of these main categories this CHMP also takes into account some elements of the typical landscape of the Italian section of the Project:

- dry stone architectures, such as “pagghiaras” and dry-stone walls (characterised under Monuments) that characterize this section of the project in Italy, constituting trace (tangible and intangible) of the human use of the landscape
- stratified landscape contexts (characterised under archaeological sites). These are the result of the ancient and modern cultural stratification of the landscape, where the archaeological features and/or sites, the ancient and modern road networks, the agricultural boundaries and the construction techniques (such as dry-stone architectures) are the constant reoccurrences in some areas of the project in which tangible and intangible, ancient and modern Cultural Heritage is strictly joined.

Monitoring and inspection requirements related to this plan are detailed in the E&S Compliance Assurance Plan (CAL00-PMT-601-Y-TTM-0005).

This CHMP applies to all onshore and offshore areas that might be affected by the Project construction and commissioning phases. Onshore areas include, but are not limited to, the working strip, the PRT construction site, the block valve station construction site, pipe storage areas, work sites, access roads, all temporary material and waste storage areas and public roads used by the Project.


Offshore areas that might be affected by the Project construction phase include both coastal and marine areas. For a further definition of what is defined as an offshore, marine or coastal area and their respective limits see Glossary of Terms for this document.

Marine areas include, but are not limited to, the microtunnel, the pipeline route/trench and its immediate surrounding area, the fibre optic cable (FOC) route/trench and its immediately surrounding area, and Italy’s territorial waters and Exclusive Economic Zone (EEZ) (in terms of the potential extent of any marine impact as a result of Project offshore construction activities). Coastal areas include, but are not limited to, the temporary worksite for the microtunnel construction, the working strip for approx. 110 m of terrestrial pipeline from the Battery Limit Point Italy to the start of the microtunnel, any roads (including access roads, dirt tracks and public roads), aggregate extraction sites, spoil disposal sites, batch plants, all temporary material and waste storage areas, pipe yards and maintenance areas located within the coastal area.

The COMPANY notes that the requirements specified in the coastal and onshore impact avoidance and mitigation sections of this CHMP will apply where marine-related activities occur on land (e.g. offshore pipe storage yards and vehicular transport of supplies/personnel).

1.3 Responsibilities

The COMPANY’s primary responsibility in relation to cultural heritage is the implementation of the requirements of this ESMD through compliance assurance and monitoring of the Contractors and

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other participants in implementation of the Cultural Heritage Management Plan. The details of the compliance assurance requirements are described in the Onshore and Offshore Cultural Heritage CCPs (IAL00-RSK-601-Y-TTM-0013 and IAL00-RSK-601-Y-TTM-0021).

The COMPANY will be ultimately responsible for the management of environmental, cultural heritage and socio-economic issues during construction (IT0502). The COMPANY shall be responsible for ensuring that the Project (including all activities, site operations, equipment and machinery) shall comply with the Environmental Project Standards Italy (IAL00-RSK-601-Y-TSP-0002) which encompass the requirements of Italian legislation, EU Directives, EBRD Environmental and Social Policy, EBRD Public Information Policy, IFC Performance Standards and IFC EHS Guidelines (IT0036). The COMPANY will also comply with the requirements of:


- applicable national and international legislation
- international lender standards and policies
- specific requirements within the ESIA Greece and HRIA Greece
- commitments listed in the Commitments Register Greece
- requirements of this document.

The above is applicable to both activities under the COMPANY's direct control (i.e. activities performed solely by the COMPANY) and its indirect control (i.e. activities performed by CONTRACTOR on behalf of the COMPANY). Ensuring compliance for activities under the indirect control of the COMPANY will be achieved through compliance monitoring.

The COMPANY shall be responsible for any adverse environmental, socio-economic and cultural heritage impacts arising from activities and operations under its direct control and for putting in place any necessary measures to avoid, minimise, or if avoidance is not possible, mitigate them. The COMPANY will also be responsible for prevention as well as promptly reacting to accidental events arising from its and CONTRACTORS activities and mitigating any resulting adverse environmental, socio-economic and cultural heritage impacts as much as possible.

The COMPANY shall put these responsibilities into effect by:


- requiring that CONTRACTOR writes Onshore and Offshore Cultural Heritage ESIPs that describe how it will implement the requirements described in the Onshore and Offshore Cultural Heritage CCPs (IAL00-RSK-601-Y-TTM-0013, IAL00-RSK-601-Y-TTM-0021), and reviewing these ESIPs before accepting in order to verify the effective implementation of all the requirements in the Onshore and Offshore Cultural Heritage CCPs and the compliance with relevant national and international regulations and guidelines
- communicating the contents of this CHMP to its workers and subcontractors and training them to ensure that they understand their responsibilities with respect to onshore and offshore cultural heritage management and incident reporting and response. This does not apply to CONTRACTOR workers as they will be instructed in their responsibilities with respect to onshore and offshore cultural heritage management and incident reporting and response by CONTRACTOR, based on the Onshore and Offshore Cultural Heritage ESIPs

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- ensuring that adequate resources are mobilised for onshore and offshore cultural heritage management, including input from any specialist resources necessary to ensure effective planning and timely implementation of measures
- ensuring compliance by its workers (excluding CONTRACTOR workers, see below) with the procedures established in this CHMP
- ensuring compliance by CONTRACTOR workers with the procedures established in the Onshore and Offshore Cultural Heritage ESIPs (through compliance monitoring)
- ensuring that its and CONTRACTORS activities use internationally and nationally recognized practices for the protection, field-based study, and documentation of cultural heritage (Italian standards ICCD and SABAP in particular)
- reviewing, updating and collecting data on ESIA cultural heritage summary on the existing identified cultural heritage objects, their location, cultural value, Project related issues and any other characteristics
- implementing effective monitoring of onshore and offshore cultural heritage management measures to ensure that the efficacy of onshore and offshore cultural heritage management activities are assessed and any issues are promptly detected, in accordance with the E&S Compliance Assurance Plan (CAL00-PMT-601-Y-TTM-0005)
- ensuring that all environmental, socio-economic and cultural heritage incidents are reported and dealt with effectively and that lessons are learned in accordance with the Environmental and Social Management Plan (CAL00-PMT-601-Y-TTM-0006).


In addition to the above requirements, the COMPANY shall hire:

- a Cultural Heritage Advisor (CHA), whose responsibilities shall include but not be limited to:
 - promoting compliance with the Cultural Heritage Management Plan
 - managing other cultural heritage experts appointed by the COMPANY, if required
 - ensuring that all required licences for archaeological work have been obtained from the appropriate government bodies
 - the administration of various contracts, designing the mitigation programme and co-ordinating Project and external interests
 - coordinating, scheduling and developing the scope of work and supervising the Archaeological Contractor
 - supporting the Project to provide appropriate, documented reports and/or permits that allow the Project to proceed
 - verifying the cultural heritage significance of any potential Chance Finds and recommending appropriate actions
 - carrying out cultural heritage training.

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- a Cultural Heritage Expert (CHE), approved (IT0787) in accordance with National Cultural Heritage law (SABAP Office), who shall have specialisms such as archaeology, whose responsibilities shall include but not be limited to:
 - in support of the CHA, liaising with Cultural Heritage Authorities (MiBACT, SABAP) in order to acquire any additional requirements or guideline for the management of the Cultural Heritage and related issues
 - in support of the CHA, providing guidance and supervising the CHM(s), Archaeological Contractor and CHM in order to ensure that any Cultural Heritage management procedure complies with relevant national and/or international standards and COMPANY requirements.
 - providing support to the CHA in coordinating, scheduling and developing the scope of works
 - ensuring that all the action for the required licences for archaeological works have been obtained from the appropriate government bodies
 - reporting to the CHA and ESMS Manager
 - reporting any observed impacts to cultural heritage or Chance Finds (with appropriate reports) to the CHA and the responsible Government Authority
 - providing daily, weekly and monthly reports to the CHA on cultural heritage issues and activities and reporting to responsible Government Authorities
 - carrying out training to sensitise the work force and being available 24/7 to verify whether a finding is of any significance from a cultural heritage perspective
 - deciding, in accordance with the CHA, to either suspend work on the site and/or larger areas around it, or to remove the finding and allow the work to continue should a Chance Find be discovered.
- Cultural Heritage Monitor(s) (CHM), field archaeologist approved (IT0787) in accordance with National Cultural Heritage law (SABAP Office), whose responsibilities shall include but not be limited to:
 - providing full-time archaeological supervision of all intrusive construction work (including site preparation) both onshore and offshore
 - documenting and reporting on construction monitoring activities on a daily and weekly basis
 - reporting any Chance Find occurred during construction to the CHA and/or CHE
 - liaising with CHA/CHE to provide immediate information on cultural heritage issues.

The COMPANY will also require the CONTRACTOR to appoint an additional CHM through an archaeological contractor who will advise the CONTRACTOR on cultural heritage issues, monitor the construction works and be the cultural heritage interface between CONTRACTOR, COMPANY and heritage authorities.

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The CONTRACTOR CHM (CCHM) will be approved a field archaeologist by COMPANY (IT0787) in accordance with National Cultural Heritage law (SABAP Office), whose responsibilities shall include but not be limited to:

- providing full-time archaeological supervision of all intrusive construction work (including site preparation) both onshore and offshore
- documenting and reporting on construction monitoring activities on a daily and weekly basis
- reporting any Chance Find occurred during construction to the CHA and/or CHE
- liaising with CHA/CHE to provide immediate information on Cultural Heritage issues
- providing guidance and advice on construction issues to CONTRACTOR.

The CONTRACTOR should also engage an Archaeological Contractor who will be the organisation responsible for:

- working under the COMPANY CHA/CHE management and/or supervision
- ensuring that adequate resources are mobilised for onshore and offshore cultural heritage management, including input from any specialist resources necessary to ensure effective planning and timely implementation of Cultural Heritage related activities
- undertaking archaeological excavations as per National Works Categories (OS25)
- undertaking monitoring of all ground-breaking construction activities, with the appointment of its CHM(s) under the COMPANY CHA/CHE supervision
- recording, studying and reporting the materials discovered during pre-construction and construction phases and providing reports of the same, at a frequency agreed with the COMPANY
- reporting Chance Find discoveries as they are made in accordance with the Project Chance Find procedure
- making recommendations via the CHA/CHE to the COMPANY and CONTRACTOR
- providing instruction to other Project field personnel in recognising and acting on cultural heritage issues
- maintaining current records of daily monitoring activities and preparation of any additional special reports.

The Archaeological Contractor will be a 'licensed company' approved for work in Italy by the Ministry for Cultural Heritage and Activities and Tourism (MiBACT and SABAP).

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2 Onshore impact avoidance and mitigation

2.1 Pre-construction studies and design adjustments

It is the responsibility of the COMPANY to undertake the majority of pre-construction studies. The COMPANY shall undertake a detailed survey of all known cultural heritage sites (as identified in the ESIA Italy). As part of this process, the COMPANY shall:


- assess and record any additional cultural heritage features that may be identified during pre-construction surveying
- realise topographic and photographic records to characterise the existing condition of the pipeline route to assess the quality of reinstatement following construction (IT0054)
- carry out structural integrity surveys and record the condition of all sites with above-ground components located in proximity (50 m) to the Project footprint prior to construction. This is of particular importance in areas where damage due to vibration or pollution is considered likely (see Sections 2.6.3 and 2.6.4).

A complete detailed list of actions to be undertaken at each cultural heritage site will be agreed by the COMPANY with MiBACT.

Information gained from the COMPANY's pre-construction surveys shall be communicated to CONTRACTOR by the COMPANY ahead of construction, including:

- the locations of cultural heritage features
- the pre-construction condition of these features
- the location and details of preventative mitigation measures (such as fencing, signage, dust control, or ensuring public access to specific areas) CONTRACTOR shall implement
- any additional information on new finds and/or new CONTRACTOR responsibilities.

All the features, sites and context with tangible and intangible Cultural Heritage value are being mapped in the COMPANY GIS system in order to cover the information acquired during the ESIA Italy and all the other data acquired during the pre-construction phase.

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2.2 Interaction with the Heritage Office

The COMPANY will advise the Heritage Office (SABAP) of the date work will start, giving at least 15 days' notice (IT0795).

All the Cultural Heritage activities that will be undertaken by COMPANY and by CONTRACTOR, under COMPANY supervision, shall comply with procedures, guidelines and standards in use by the Heritage Office (MiBACT, ICCD and SABAP). The main Italian regulation references are:

- D. Lgs 22 January 2004, n. 42 - Code of Cultural Heritage and Landscape
- D. Lgs 50/2016 Art.25 - New Italian Procurement Code that define the roles, skills and general procedures for the implementation of preventive archaeology in each phase of the public interest projects
- D. Lgs 60/2009 - Regulation on the criteria governing the protection and operation of the list of Qualified Archaeologists provided in D.Lgs 163/2006 artt. 95 (superseded by D. Lgs 50/2016 Art.25) (Preventive Archaeological Verification)
- MiBACT Circular DG-AR 410 no. 1 of 20/01/2016, that is the regulation of the archaeological interest verification procedure defined in the D.L. 42/2004 art. 28 and D.Lgs 163/2006 artt. 95, 96 (superseded by D. Lgs 50/2016 Art.25).

Any cultural heritage protection requirements specified by the Heritage Office (SABAP) will be implemented (IT0792).


2.3 Archaeologists appointed by the Heritage Office

The COMPANY, through the CHE approved by the Heritage Office (SABAP), will advise the officials responsible for the protection of the areas concerned of the date the work will start, giving 15 days' notice (IT0796). During the construction activities, the archaeologists appointed by the Heritage Office will send periodic progress reports (such as a weekly extract of the Archaeological monitoring daily activities report) in digital format to the Heritage Office (IT0797). At the end of construction activities, the archaeologists approved by the Heritage Office will send a report on all the stages of the construction including written, graphic and photographic information, in paper and digital format, to the Heritage Office (IT0798).

In order to comply with Heritage Office (MiBACT, ICCD and SABAP) requirements, COMPANY CHE/CHM(s) and CONTRACTOR CHMs will document all of the activities carried out under archaeological supervision. This documentation shall be submitted to the COMPANY CHA/CHE for acceptance and delivery to the Heritage Office and will include the following items.

If there are no Chance Finds discoveries, the documentation produced during the works will consist of:

- daily report, detailing the persons present at the site and the relevant daily activities
- graphic documentation with position of the works and references of photographs
- photographic documentation of every stage of work, to be produced on CD, with its lists of images and captions
- any other documentation, if deemed necessary by the COMPANY and MiBACT.

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If there are Chance Finds, the archaeological documentation will incorporate, in relation to the requirements of the SABAP, the following documentation:

- list of stratigraphic units and related computerized sheets prepared under the ICCD standards (to be sent in hard copy and on electronic media); list of unearthed findings (Tables Archaeological Finds - TMA - Find and Archaeological sheets - RA), prepared in accordance with ICCD standards (to be sent in hard copy and on electronic media)
- list of findings boxes, indicating the stratigraphic units (if present) of provenance and the general classification of the finds
- geo-referenced location of the investigated areas
- photographic documentation of each archaeological evidence, finding and every stage of excavation, to be produced on CD, with its lists of images and captions
- georeferenced floor plans of the excavation areas with their statements and floor plans of stratigraphic units and archaeological phase. The corner points of the archaeological grid or, failing this, the boundaries of the excavation areas must be clearly indicated and geo-referenced. Each graphical table must include the following essential information: Municipality, location, date of the excavation, the subject of the table, executor of the measurements and drawings, scale and references between tables (e.g. Tab. 1 of 10, Tab. 2 of 10 etc.). The drawings made on site will be computerized and the files will be returned and transmitted in GIS or AutoCAD format and in JPG or PDF versions
- any other documentation, if deemed necessary by the Scientific Management and the Management of Works.


Following completion of the work, COMPANY CHE/CHM(s), with assistance from CONTRACTOR CHMs, will review and edit the scientific reports and the graphic documentation in accordance with the requirements and standards of the Heritage Office (MiBACT, ICCD and SABAP standards).

2.4 Construction archaeological monitoring

All intrusive construction work (including all pre-construction ground breaking and site preparation) will be carried out under the full-time supervision of a professional archaeologist (see the E&S Compliance Assurance Plan (CAL00-PMT-601-Y-TTM-0005)). The CHE, CHM(s) and CCHMs will undertake this role. The CVs of any archaeologists proposed to work on the Project will be submitted by COMPANY to the Archaeological Heritage (SABAP) for approval (IT0787).

The CHE, CHM(s) and CCHMs will document and report on construction monitoring activities regularly as agreed between the COMPANY and the Heritage Office. These reports will be subject to review and approval by the CHA, CHE, and the Heritage Office (SABAP).

Any observed impacts to cultural heritage will be reported by the CHM(s) to the CHA or CHE to immediately inform the responsible government authority, which may stop work until inspection and mitigation measures are established. This requirement is applicable to impacts to cultural heritage in all areas potentially affected by the Project.

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2.5 Chance Finds Procedure

Chance Finds are defined as potential cultural heritage (or paleontological) objects, features or sites that are identified outside of or after a formal site reconnaissance, normally as a result of construction management and ground breaking works. Any member of the Project including archaeologists, non-cultural heritage site workers and visitors can make Chance Finds.

2.5.1 Compliance framework

A Chance Finds Procedure will be implemented at all construction fronts (IT0479) and for all ground breaking activities, which is required by Italian law, EU legislation and the EBRD PRs, in addition to the Commitment Register Italy (IAL00-PMT-601-Y-TLX-0001). The objective is to identify and protect previously unrecorded cultural heritage sites, objects or features from Project-related damage.

The Chance Finds Procedure includes monitoring of construction activities by a CHM in accordance with the E&S Compliance Assurance Plan (CAL00-PMT-601-Y-TTM-0005), and the cessation of work (through the implementation of a stop work protocol) in the vicinity of any potential archaeological discovery. The area affected by the stop work protocol will be defined and fenced off by the CCHM (IT0481). Individual artefacts are important as indicators of the presence of nearby surface or subsurface cultural heritage sites. The principal value of most cultural heritage artefacts is only realised, however, when the objects are part of an interpretable cultural heritage site. This procedure concerns itself with the protection of cultural heritage sites themselves rather than individual artefacts.

The decision about whether a Chance Find is a cultural heritage resource requiring additional treatment will be made by the CHE based on professional experience and training. All members of the COMPANY and CONTRACTOR workforce have the responsibility to notify the CHM immediately in case of a suspected Chance Find.

As common practice, the Chance Find Procedure identifies four levels of significance for different categories of chance finds. The Chance Find procedure applies/distinguishes different categories of chance finds, as outlined below:

- Level 1 – Non-Cultural Heritage Chance Find
- Level 2 – Low Significance Cultural Heritage Chance Find
- Level 3 – Moderate Significance Cultural Heritage Find
- Level 4 – High Significance Cultural Heritage Find


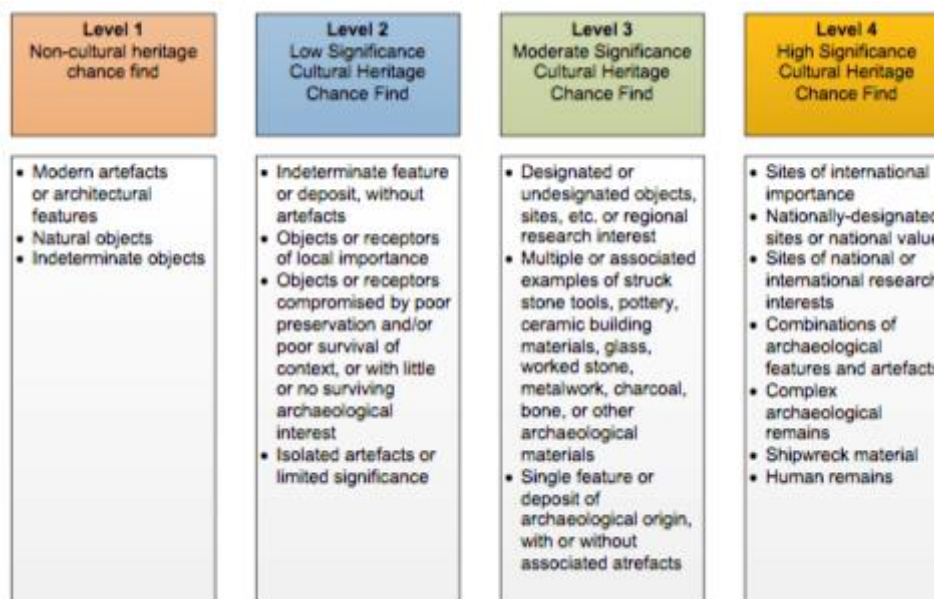
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Figure 2 Levels of Chance Finds



Chance Find of Levels 2, 3 or 4 will require archaeological investigations and appropriate actions in order to mitigate work-related damage as advised under the authority of the Heritage Office (SABAP).


If a Chance Find of high importance is discovered during construction, rescue procedures should be conducted as outlined by international and Italian national standards (IT0483) and as defined in Section 3.2. If finds of archaeological interest are made (Chance Finds), the provisions set out by Legislative Decree 42/2004 will be adopted, including technical checks through stratigraphic archaeological digs. Such work shall be completed under the authority of the Heritage Office (SABAP). The Project will implement and fund requirements for protecting cultural heritage Chance Finds specified by the Heritage Office (IT0794).

Construction activities at the site of an important Chance Find will resume only after the rescue excavation is complete and government-approved mitigation measures have been implemented (IT0482).

2.5.2 Chance Finds Procedure

The COMPANY, CONTRACTOR and its subcontractors shall put in place the following Chance Finds Procedure and apply it where any movable or immovable objects, sites, structures or groups of structures having archaeological, paleontological, historical, architectural, religious, aesthetic or other cultural significance are encountered. The Chance Finds procedure will be implemented at all construction fronts.

The most difficult step is to ensure that all finds trigger the correct application of this process, as untrained workers are often not able to differentiate between normal environmental features (stones etc.) and, for example, paleontological finds. To aid this, the CHA and/or CHE will carry out training to sensitise the work force on the specific topics of the Project related Cultural Heritage and be available 24/7 to verify whether a discovery is of any significance from a cultural heritage perspective. To reduce the time to obtain feedback, the CHM and/or CCHM will be based on site

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for all works that involve ground breaking activities and that are close to known cultural heritage sites or areas with high archaeological potential. In addition, the CHE will supervise such construction activities. For more information, refer to the E&S Compliance Assurance Plan (CAL00-PMT-601-Y-TTM-0005), which describes COMPANY monitoring and assurance activities.

In the case of a Chance Find, work in the vicinity (at a minimum all areas 25m either side from the discovery) must cease and the area shall be marked for avoidance by CONTRACTOR (or subcontractors). After stopping work, CONTRACTOR shall immediately report the discovery to the COMPANY SITE REPRESENTATIVE who in turn will call the CHE and/or the CHA. The CHE/CHA must also notify supervisors, field personnel, and COMPANY and government cultural heritage representatives once the Chance Find has been confirmed as being of significance. Appropriate treatment strategies will then be developed.

If suspected archaeological remains are identified, the location of the discovery must not be disturbed until it is inspected by the CHE. Below is the procedure that will be followed by the CONTRACTOR and COMPANY if a previously unknown archaeological site is identified.


- **STOP ALL WORK** – CONTRACTOR immediately stop work in the area of the Chance Find
- **PROTECT** – CONTRACTOR, under CCHM instructions, temporarily demarcate, and limit access to the site by staking or flagging off the area / placing buoy to prevent additional disturbance
- **RECORD** – CHM and CCHM immediately record the discovery and undertake appropriate documentation
- **REPORT** - CHM and CCHM, under CHE and/or CHA supervision, complete Chance Find Report and forward it to the COMPANY Management for the appropriate involvement of the Heritage Office (SABAP)

In order to support the implementation of the Chance Finds Procedure, a review of CH features/sites, has highlighted areas of archaeological potential for the presence of Chance Finds in the Project involved areas (see Annex 1 for relevant actions planned).

The CHM and CCHM together shall identify and verify the finding and assess its significance with the supervision of CHE. The CHE or CHA shall decide to either suspend work on the site and/or larger areas around it or remove the finding (if it is an easily movable object such as a coin) and allow the work to continue. Once verified by the CHE, the fenced area may be redefined.

Site treatment scenarios to be considered include preservation in place through rerouting or specialised construction techniques and rescue excavations in advance of additional construction work, if avoidance is not possible. If archaeological rescue is required for a Chance Find, the COMPANY is responsible for ensuring that the rescue is conducted according to international and Italian standards and with oversight and involvement of the appropriate government institutions (MiBACT, SABAP).

Construction activities at an important Chance Find site will resume only once all required rescue excavations and/or the implementation of government-approved mitigation measures and/or treatment work is complete. A detailed description of the Chance Finds procedure recording and reporting is provided below.

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2.5.3 Chance Finds reporting

Should a Chance Find be discovered, the CHM and CCHM in collaboration with the CHE will prepare within 48 hours a Chance Find Report (Annex 2) to be submitted to the CHA and dedicated representative of the relevant authority (SABAP). This report must contain the following information:

- date and time of the discovery
- location of the discovery (GPS coordinates and KP reference)
- description of the discovery
- significance of discovery
- estimated weight and dimensions (i.e. feasibility to move the discovery)
- estimated time needed to conduct excavation of discovery
- recommendations of how to proceed
- temporary protection measures implemented.
- the relevant authority will be consulted when determining the appropriate action to be taken with respect to the Chance Find. Such actions may include, but not be limited to:
 - removal, if feasible, of artefacts/cultural sites deemed to be of high or moderate significance
 - execution of further excavation within a specified distance of the discovery point of sites deemed to be of high significance
 - provision of specific site treatment scenarios such as rerouting or special construction techniques
 - decision to continue with the construction work.


2.5.4 Chance Finds documentation

The documentation of archaeological monitoring activities, Chance Finds and relevant Cultural Heritage actions shall be recorded by CHM and CCHM.

This documentation will be carried out strictly in accordance with the technical standards of the Heritage Office (ICCD, SABAP) defined in Section 3.2.

COMPANY cultural heritage staff with support of CONTRACTOR cultural heritage staff will be required to maintain records of monitoring, Chance Finds, and Chance Find response measures executed. These will include:

- daily monitoring records indicating areas and activities monitored; reported Chance Finds and the results of any evaluations. Communications and instructions (such as stop work and resume work) will also be included
- weekly reports summarising reporting period activities including Chance Finds, assessments and evaluations, internal and external communications and instructions, and supporting photographic documentation (or other reference materials as appropriate). An additional report aimed at fulfilling any specific COMPANY CHA, Heritage Office and MiBAC

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requirements is also anticipated. CONTRACTOR's weekly reports are to be submitted to the COMPANY for acceptance

- monthly reports summarising monitoring and evaluation results, status of any site treatment measures required, instructions to CONTRACTOR, and other internal and external communications. CONTRACTOR's monthly reports are to be submitted to the COMPANY for acceptance.

2.5.5 Finds requiring notification to the Civil Authorities

It is common for evidence of various human activities to be uncovered during earthmoving. In the majority of cases, these can be seen to have a convincing historic or earlier origin and represent no threat or interest to the well-being of contemporary society. However, several types of discoveries are of concern and need to be reported to the civil authorities. These can include:

- human burials
- munitions or unexploded ordnance (UXO)
- animal disease burial pits.

The last two items have their own response procedures within the health and safety requirements, but it is possible that representatives of the cultural heritage team on the construction team will make the initial discovery and they need to be aware of the correct procedures on discovery. Part of their training includes the first actions to be taken in the event of such discoveries. For further information, refer to the Training Management Plan (IAL00-RSK-601-Y-TTM-0031).

Human remains are a different case, in that historic human burials can be mistaken for recent, unmarked burial sites. In such instances, the appropriate action is to leave the site undisturbed and protected and for the CHA to report to the civil authorities for their investigation. Where the cultural heritage team is convinced of the ancient origin of such remains, it is a legal requirement to report such discoveries and the professional assessment of their age to the local authority.

2.6 Protection of known cultural heritage sites


2.6.1 General protection measures

Construction works will minimise impacts on known tangible and ICH sites (IT0474). This includes sites identified in advance of construction activities and those found during construction (Chance Finds). Sites may be located on Project areas or adjacent to them.

The CHE or CHA will provide site information to the COMPANY and CONTRACTOR personnel in written and verbal form in meetings and toolbox talks as appropriate to ensure that known cultural heritage sites are protected.

The COMPANY acknowledges that any ground breaking activity requires cultural heritage supervision, monitoring and where necessary specific actions. The main activities that can cause damage and/or loss of value of tangible or intangible Cultural Heritage, are:

- preparation of working areas; earthmoving and any clearance activities, excavations or stabilization of earthworks
- ground works, drilling and excavation works associated with the Project

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- all associated temporary and permanent construction and working areas, access routes and areas of ancillary works
- movement of vehicles and construction machinery in and around cultural heritage sites.

For any identified archaeological sites, the COMPANY will engage the appropriate Italian authorities in further evaluation of sites and the use of intrusive and non-intrusive methods.

To protect and preserve identified (known and unknown) Cultural Heritage features/sites within zone of potential impact, COMPANY will ensure that the management measures described below are followed by COMPANY and CONTRACTOR during every stage of the Project activities.

2.6.2 Work schedule notification

COMPANY and CONTRACTOR will provide the CHA and CHE with a detailed work schedule to identify the construction activities and the work area. The work schedule will be provided to the COMPANY in sufficient time to allow COMPANY to evaluate any impacts on known cultural heritage sites or areas with cultural heritage sensitivity and any necessary cultural heritage responses can be implemented with notification to, or coordination with, the Heritage Office (MiBACT, SABAP).

2.6.2.1 Exclusion areas

Avoidance is the preferred mitigation method and will be considered by the COMPANY and CONTRACTOR prior to the start-up of construction activities. Where appropriate CONTRACTOR, in collaboration with the COMPANY, will define exclusion areas, as well as inform Authorities about sites for avoidance where practicable. In general, it will adopt minimum 10 m distance between working area and sites of historical cultural interest to prevent vibration or subsidence (related to construction activities) so as to avoid jeopardizing the integrity of the sites. Avoidance of Cultural Heritage features/sites will be undertaken by using fencing or any other equipment to ensure the protection. CONTRACTOR will ensure that all construction sites are fenced where possible.

If construction works are close to an identified cultural heritage site and the construction works are not otherwise fenced, such site, under COMPANY instruction, will be demarcated and protected from construction activities.


2.6.2.2 Project changes

Any Project change with respect to a chance find must be decided and approved by the COMPANY including any changes in relation to any new requirements of the relevant National Authorities. This will depend on the findings and the cultural value of the Chance Find. In this case, COMPANY and CONTRACTOR, under COMPANY direct instruction and supervision, will make all ALARP effort to minimize an impact on a Chance Find. Should this not be feasible, it will ensure that all cultural heritage constraints are considered when continuing the construction activities.

2.6.2.3 Vehicle traffic policy

COMPANY and CONTRACTOR will take care to limit vehicle traffic, to avoid known cultural heritage sites, and staff should avoid trampling sensitive CH sites.

Community sensitive sites, including sites of cultural heritage importance, that are located close to roads used by the Project, if any, will be identified and listed in relevant plans and procedures. If

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agreed between the COMPANY and CONTRACTOR, those sites will be flagged and noted in the drivers' tool box talk materials as well as Chance Find toolbox.

Vehicles should not be parked within 10m of any known or suspected archaeological sites.

Some cultural heritage sites, such as cemeteries, churches, memorials, which are located close to the access routes may also be impacted by noise, visual intrusion, vibration and dust from work related traffic.

2.6.3 Protection from vibration

Structural damage from vibration can exacerbate the already diminished structural integrity of ancient or historic or rural buildings. If the structural assessment undertaken by the COMPANY (see Section 2.1 Pre-construction studies and design adjustments) indicates that a site is at risk of impacts from vibration, CONTRACTOR shall ensure that appropriate measures are taken to avoid or, where this is not possible, minimise any possible damage that may occur due to Project-related activities (IT0487).

In Italy there is no standard for the quantitative limits of exposure to vibrations, but it is necessary to respect both national and international technical standards for the evaluation of the disturbance in the affected buildings.

The technical standard of buildings vibrations (with architectural, archaeological and historical significance) is the UNI 9916: Measurement Criteria and assessment of the effects of vibrations on buildings. This standard specifies the measuring methods, data processing and evaluation of the effects of vibrations on buildings with respect to their structural reaction and the architectural integrity.

The analysis of the vibration impacts (both before and during construction, and operations) shall follow these parameters:


- type of planned operations
- equipment used in the various processing phases
- points of use of fixed equipment
- routes for heavy vehicles
- duration of works with the most impact

In the Project area the features that are most vulnerable to vibrations (during the working phases) are mainly the dry-stone architectures.

To avoid any danger, during the excavations and construction, the CONTRACTOR should implement direct and/or indirect interventions to mitigate and minimize vibration.

Generally, indirect interventions are applied to all equipment on sites that produce vibrations, for example:

- bearings, plates and shock absorbers will be considered at the base of the fixed equipment that produce vibrations during operations

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- underground diaphragms of viscoelastic material will be considered to be interposed between source and receiver to absorb and minimize vibrations in the ground as in the case of the Pagghiara
- preference for equipment such as rolled pipes equipment (not percussion) or wheeled rather than tracked earthmoving equipment
- no use of explosives.

Direct interventions, however, should be directly applied to dry stone wall architecture (such as “pagghiara”) to prevent damage from vibrations. In this case CONTRACTOR should undertake (as an example) as follows:

- Fence off the sensitive sites with double fencing (the inner one to 5 m and the outer one to 10 m) signing it as a no-go-area; where possible the buffer fence will be extended to 15/20 m
- Filling the structure with sandbags.

In cases where all or part of a cultural heritage site is damaged due to excessive vibration, building conservators will be called in immediately by CONTRACTOR to repair and reinforce the structure with conventional conservation techniques (IT0488) after approval by the COMPANY. Upon completion, the COMPANY shall determine whether reparations are sufficient, and if not may request further reparation measures to be implemented by CONTRACTOR.

2.6.4 Protection from dust and other forms of stone pollution


Some forms of pollution can be damaging to stone architecture. If the COMPANY’s structural assessment (see Section 2.1) indicates that a site is at risk of impacts from pollution CONTRACTOR shall take appropriate measures to avoid or, where this is not possible, minimise any possible damage that may occur due to Project-related activities.

In any cases where a site of cultural value is damaged due to Project-related pollution, the site will be cleaned by professional conservators arranged by CONTRACTOR and protected from further damage (IT0486). Upon completion, the COMPANY shall determine whether the cleaning is sufficient. If not, the COMPANY may request CONTRACTOR to provide further measures.

2.6.5 Protection from negative aesthetic impacts

The Project will be designed to mitigate negative aesthetic and auditory impacts of facilities. The COMPANY will consider the following aesthetic techniques for implementation by CONTRACTOR:

- noise-reducing barriers
- screening
- blending with topographic forms and existing vegetation patterns
- use of environmental coloration or advanced camouflage techniques to limit visual effects.

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2.7 Site-specific cultural heritage management

2.7.1 Fanfula area

For any construction works within Fanfula area, the archaeological excavations must be carried out beforehand, pursuant to Art. 28 of Legislative Decree 42/2004, to ascertain whether there are archaeological levels and/or structures referring to the ancient farmland connected with the rural settlement of Fanfula (IT0791). This shall be primarily a COMPANY responsibility under the general supervision of the CHA and/or CHE. As per relevant National regulations, detailed in the Section 3.2, the archaeological investigations shall be undertaken by an Archaeological Contractor that is qualified in archaeological works as per OS25 works category.

Prior to undertaking the archaeological investigations COMPANY shall submit to the Heritage Office (SABAP) a Detailed Plan for the Archaeological Investigation for approval as per relevant Preventive Archaeology procedure detailed in the Section 2.2.

The Plan for the Archaeological Investigation shall include a detailed analysis of the area. The evidence assessment in this area close to the pipeline route (KP 3.9 - KP 4.8), highlights the presence of a settlement area of particular importance. In the area between Fanfula and S. Niceta, two settlements dating back to the period between II Century BC and XIV Century AD, were found, that underline the constant use of this area and its importance within the settlement network of the Adriatic section.

The areas to be covered by the archaeological investigations were selected with a 200 m buffer to the plot of land of Casa Fanfula and S. Niceta archaeological areas. The overall area involved in the pipeline works is approximately 1.7 hectares.


The Plan for the Archaeological Investigation should assess the archaeological potential of the Project areas, based on the incidence, size and topographic framework (also hypothetical) of the historic-archaeological surface evidences. The assessment of all the evidence collected will be used to optimize the archaeological sampling in the area of intervention through the excavation of stratigraphic trenches and if needed, with additional geophysical investigations (georadar).

Considering the archaeological relevance of the Fanfula - St. Niceta area, the archaeological investigations should involve, at least, a 10% sampling of the areas affected by the Project activities. The investigations can use several types of surveys in order to cover the higher sampling as possible, such as stratigraphic archaeological survey associated with the geophysical prospections.

2.7.2 Dry stone structures

Dry stone walls shall be avoided where possible. However, should it be necessary to disassemble them, stones from disassembled drystone walls will be set aside by CONTRACTOR near the disassembled structures and inside the construction site area, if sufficient area is available. The CHM and/or CCHM will supervise the dismantling of dry stone walls to check for the location of sites of cultural heritage beneath (IT0790).

The removal of dry stones structures will proceed with caution and from top to bottom and should be conducted so as not to affect the stability of the structures during the dismantling activities, using, where necessary, adequate shoring.

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The removal activities will be limited to the indicated parts and dimensions and the operations will be carried out according to the following guidelines:

- detailed analysis, architectural survey, graphical, topographical and photographic documentation of the condition of the dry stones walls in the ante-operam state, after the removal of vegetation
- disassembly/removal of collapse levels (if any) by section no larger than 2m wide and 0.50m high, according to the original architectural parts and subsequent integration of the data sheets after the removal of collapse levels
- dismantling of dry stone wall structures still in place, by section no larger 2m wide and 0.50m high, according to the original architectural parts and classified in relation to any type of construction detail catalogued (construction phase, wall texture or stratigraphic units) of the components still in place.
- storage of the stone material in stacks and areas that ensure security and preservation of the stone material. The stones of each section will be carefully stored, during removing operations, in suitable containers no larger than 1 cubic meter (pallets or wire mesh cylinders) that will be filled neatly in the prepared area in the construction site
- arrangements will be made to consolidate the wall extremity after removal of the structures.


The works will be carried out with the scientific and operational assistance of CHM and/or CCHM, who will coordinate field activities and provide the descriptive documentation, photographic documentation, graphic and topographic documentation of the drystone wall removal for the COMPANY and relevant Authorities (MiBACT, SABAP). This documentation will be carried out strictly in accordance with the technical standards and the cataloguing standards in use at the ICCD and at the MiBACT.

The technical support and documentation during dry stone wall removal activities will be delivered to the COMPANY for acceptance, and will consist of at a minimum:

- data sheets, aimed to document the drystone walls and each section of dismantling, with attention to size, wall texture, architectural layering, size of individual stone elements, the presence of significant components and their interpretation/location
- graphic and photographic documentation references and/or sheets
- list of stone boxes, indicating the wall/structure of provenance, the relevant pertinent section and the general classification of the content
- photographic documentation of every stage of dry stone wall removal, with lists of images and captions.

At the end of the works (i.e. during reinstatement) the drystone walls will be rebuilt by CONTRACTOR to their original dimensions, using the materials previously set aside (i.e. the original stone) where practicable. It should be noted that this operation should be done by assessing, for each wall entities, the landscape structure of the area. In this regard, two recovery options are planned:

- Option A: restoration of dry stone walls through the reconstruction of the artefact interfered according to the best section identified during the topographic survey of detail

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- Option B: restoring the pre-construction conditions (original) of dry stone walls. This option provides for the replacement stone by stone, maintaining the same structural conditions checked during disassembly.

Dry stone structures will be rebuilt by CONTRACTOR in their original position except for (IT0866):

- drystone wall MR 115 (South access road to the PRT) will be located approximately 4 meters east from its original location along the eastern edge of the southern access road;
- wall MR 120 (North access road to the PRT) will be located approximately 3 meters to the south from its original location on the southern edge of the northern access road;
- the drystone wall that will be deconstructed at the PRT site will be reconstructed along the northern edge of the north access road in order to offset its removal from one location and provide a landscape structure on the northern access road consistent with characters or less divisions agricultural and rural roads of the area of the PRT. The completion of the same will be possible using the stone material resulting also from the drystone walls MR117, MR118, MR126 MR98, MR121 and MR122 (North access road to the PRT)
- the Pagghiara.³

The Pagghiara will be rebuilt by CONTRACTOR in the PRT area, in a position agreed between the COMPANY and the Heritage Office (SABAP) (IT0867). The COMPANY shall ensure that CONTRACTOR is aware of the location of the Pagghiara's intended rebuilding following agreement with the Heritage Office (SABAP), and prior to the dismantlement of the Pagghiara.


Restoration of cultural heritage sites will be checked by both the COMPANY and CONTRACTOR using technical/photographic material acquired during the pre-construction studies (see Section 2.1) (IT0998).

2.8 Community use of cultural heritage sites

Where practicable, Project activities, including workers' activities, will not interfere with or restrict access to cultural heritage/intangible cultural heritage sites. If access to an important site becomes blocked, temporary signs should be placed along the route to help visitors take the easiest possible detour, or the Project should provide an alternative means of access (IT0489). COMPANY shall monitor that CONTRACTOR construction work will not interfere or affect the activities of tangible and intangible Cultural Heritage sites and will allow continued access

Requirements relating to community use of cultural heritage sites are primarily the responsibility of CONTRACTOR. For more information, see the Onshore Cultural Heritage CCP (IAL00-RSK-601-Y-TTM-0013).

³ Currently ruins near KP 0.2, mapped in Table 8 – Census of Pagghiare and Speccie near the work area of Annex 7 to Integrations to the Environmental and Social Impact Assessment.

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3 Offshore impact avoidance and mitigation

3.1 Pre-construction studies and design adjustment

3.1.1 Coastal pre-construction studies and design adjustment

Requirements for pre-construction studies and design adjustments described in Section 2.1 will apply to coastal areas.

In addition to these measures, the COMPANY, where possible, will undertake avoidance through re-routing if any additional cultural heritage resources are found in the coastal pre-construction surveys.

3.1.2 Marine pre-construction studies and design adjustment

It is the responsibility of the COMPANY to undertake the majority of pre-construction studies. While it is not envisaged that a dedicated pre-construction (marine) offshore cultural heritage survey will be conducted before construction begins, other marine surveys using geophysical or visual techniques will be conducted before pipe laying (see the Offshore Cultural Heritage CCP (IAL00-RSK-601-Y-TTM-0021) for more information). Any new information or observations made by the COMPANY concerning cultural heritage finds will be recorded and communicated to CONTRACTOR before construction begins. Should any marine cultural heritage findings of significance be identified, the COMPANY shall also inform the appropriate Italian authorities.

The COMPANY has already undertaken a survey to identify any underwater structures (e.g. wrecks) and recovery of any wreckage where necessary (IT0535). No sites were identified within the proposed pipeline route.


Cultural heritage resources must be considered and included in the design phase of any Project-related undertaking with the potential to impact sites. All reasonable efforts have been taken to avoid known cultural heritage resources through Project design phase and this shall continue during the construction phase. This includes re-routing, if possible, to be undertaken by the COMPANY, if cultural heritage resources are found during any (marine) offshore survey.

3.2 Interaction with the Heritage Office

Requirements for interaction with the Heritage Office described in Section 2.2 will apply to offshore areas.

3.3 Construction archaeological monitoring

Requirements for construction archaeological monitoring described in Section 2.4 and will apply to offshore areas (IT0239).

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3.4 Chance Finds Procedure

3.4.1 Coastal Chance Finds procedure

A Chance Finds Procedure will be implemented for construction (IT0238). The Chance Finds procedure requirements described in Section 2.5 will apply to coastal areas (IT0240, IT0241, IT0242, IT0243).

3.4.2 Marine Chance Finds Procedure

3.4.2.1 Compliance Framework

A Chance Finds Procedure will be implemented for construction (IT0238). The Chance Finds Compliance Framework will have predominantly the same requirements as described in Section 2.5.1) (IT0240, IT0241, IT0242, IT0243) and will apply to marine areas. The framework also has the following difference: any offshore finds of archaeological will be subject to technical checks through the recovery, recording and conservation of the material (as opposed to through onshore stratigraphic digs).

3.4.2.2 Chance Finds Procedure

The Chance Finds Procedure for marine areas will be predominantly the same as described in Sections 2.5.2 (though applicable to marine areas). There is an additional requirement for a professional COMPANY archaeologist (ideally the CCHM) to be present on board the construction vessel(s) during any ground-disturbing works that may bring material to the surface (including but not limited to dredging and pipeline trench work). The archaeologist shall monitor construction activities in accordance with the E&S Compliance Assurance Plan (CAL00-PMT-601-Y-TTM-0005) and handle (with the advice of the COMPANY CHA) any archaeological rescues, if required.

3.4.2.3 Chance Finds reporting

Marine Chance Finds reporting requirements will be the same as described in Section 2.5.3, but be applicable to marine areas.

3.4.2.4 Chance Finds documentation


Marine Chance Finds documentation requirements will be the same as described in Section 2.5.4, but be applicable to marine areas.

3.4.2.5 Finds requiring notification to the civil authorities

In a marine environment, the only types of discovery of concern that need to be reported to the civil authorities are munitions or UXO.⁴

The discovery of munitions or UXO has its own response procedure within the health and safety requirements. However, it is possible that representatives of the cultural heritage team on the construction team will make the initial discovery and they need to be aware of the correct procedures on discovery. Part of their training will include the first actions to be taken in the event of such discoveries (see Section 5.5 of the ESMP (CAL00-PMT-601-Y-TTM-0006)).

⁴ NB: A re-routing due to the identification of UXO (torpedo) has already been carried out for the Italian marine pipeline.

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3.5 Protection of known cultural heritage sites

3.5.1 Coastal general protection measures of known cultural heritage sites

Construction works will minimise any negative impacts on known tangible and intangible cultural heritage sites (IT0474). This includes sites identified in advance of construction activities and those found during construction (Chance Finds). New sites may be located in Project areas or adjacent to them.

Coastal general protection measures will have the same requirements as described in Section 2.6.1 and will apply to coastal areas.

3.5.2 Marine general protection measures for known cultural heritage sites and chance finds

Any cultural heritage sites must be protected from Project-related damage. This includes sites identified in advance of construction activities and those found during construction (Chance Finds). New sites may be located in Project areas or adjacent to them. No sites have been identified from pre-construction surveys in pipeline route.

The CHA and/or CHE will provide site information, as described in Section 2.6.1.

For archaeological sites, the COMPANY will engage the appropriate Italian authorities in further evaluation of identified sites and chance finds and the use of intrusive and non-intrusive methods. This will allow for exclusion zones around the location of features such as known wrecks. Consultation will dictate the proposed scale of the exclusion zones, linked to the type of record, relative reliability of the wreck data and the importance of the marine heritage asset (the importance to be agreed between the COMPANY and the authorities)


Exclusion zones may require alteration (expansion or reduction) in light of additional information, which may come about through consultation, or the results of any survey data. New marine heritage assets could also come to light during planning and construction works, which would require additional exclusion zones.

The anchor management plan should include marking the precise location of any known CH site and the establishment of a 200m buffer around all CH sites identified in the pre-construction survey. In instances, where it is not feasible to assure a 200m buffer around a particular target, COMPANY or the CONTRACTOR should complete ROV video monitoring around the target to ensure no interference and no damage to a cultural heritage site.

If marine heritage assets are encountered during construction, flexibility is required. A specified tolerance for micro-siting to allow for changes to be made to the precise location of infrastructure during construction will be requested, so that account can be taken of the discovery of any unforeseen marine heritage assets.

3.5.3 Protection from vibration, dust and other forms of stone pollution and negative aesthetic impacts

3.5.3.1 Coastal protection from vibration, dust and other forms of stone pollution and negative

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aesthetic impacts

Coastal protection from vibration, dust and other forms of stone pollution and negative aesthetic impacts will have the same requirements as described in Sections 2.6.3, 2.6.4, and 2.6.5 but be applicable to coastal areas (e.g. coastal structural integrity surveys as described in Section 3.1.1).

3.6 Site-specific cultural heritage management

3.6.1 Dry stone structures


Dry-stone walls in the coastal area shall be avoided where possible. However, should it be necessary to disassemble them, stones from the disassembled dry-stone walls will be set aside by CONTRACTOR. A CCHM will supervise the dismantling of dry stone walls to check for any sites of cultural heritage beneath (IT0790).

Restoration of cultural heritage sites will be checked by both the COMPANY and CONTRACTOR using technical/photographic material acquired during the pre-construction studies (see Section 3.1.1) (IT0998).

For further information on the dismantlement and rebuilding of dry stone structures by CONTRACTOR, see the Offshore Cultural Heritage CCP (IAL00-RSK-601-Y-TTM-0021).

3.7 Community use of cultural heritage sites

Requirements relating to community use of cultural heritage sites are primarily the responsibility of CONTRACTOR. For more information, see general overview in Section 2.8 and the Offshore Cultural Heritage CCPs (IAL00-RSK-601-Y-TTM-0021).

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4 Archaeological Contractor – Project overview, scope and guidance

The following is specific guidance on the level of work to be undertaken by the Archaeological Contractor, which will be contracted by the COMPANY or sub-contracted by CONTRACTOR. Company has responsibility for any archaeological work in the micro tunnel area and will contract an archaeological contractor if required. The Contractor has responsibility for any archaeological work on the right of way and will contract an archaeological contractor, if and when required.

Specifications or written schemes of investigation (WSI) shall be prepared for each site to be investigated, outlining the objectives of the work and resources to be used. This WSI should be prepared by or in consultation with the CHE for relevant National Regulation and COMPANY CHA for approval.

4.1 Onshore Archaeological Contractor Project overview, scope and guidance

The management of Project cultural heritage features follow a phased approach to the progressive identification of sites and impacts during the design and construction of the Project. The five phases are as discussed below.

4.1.1 Phase 1: Review existing data


Areas of potential archaeological interest are identified by various desk-based activities such as scientific literature review, documentary searches for previous archaeological work and examination of aerial and satellite images. The route of the pipeline and facilities is examined on the ground in a rapid walkover survey to verify the route facilities and proposed access road locations. This is also undertaken for the landfall / micro tunnel offshore work.

4.1.2 Phase 2: Extensive and intensive surveys

The route of the pipeline and facilities is examined on the ground to assist with the determination of potential impact and to define the parameters of further investigation. Areas of potential impact lying within the pipeline construction corridor (38 m) or which may be impacted by permanent or temporary facilities (such as access roads) are examined to determine their nature and significance. This can be by various means including detailed survey, geophysical survey and trial trenching. The information is used to assist in the detailed design of the pipeline route and facilities and, where possible, the route can be changed or its impact reduced to minimise the damage to cultural heritage features.

5.1.2.1 Coastal areas

The route of the pipeline is examined on site to assist in the determination of potential impact and to define the parameters of the further investigation. Any areas of potential impact lying within the pipeline construction corridor (38 m) are examined to determine their nature and significance. This can be by various means including detailed survey, geophysical survey and trial trenching. The information is used to assist with the detailed design of the pipeline route and facilities and, where possible, the route can be changed or its impact reduced to minimise the any damage to cultural heritage features.

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5.1.2.2 Marine areas

No additional dedicated surveys for marine cultural heritage are envisaged. However, as previously discussed in Section 3.1.2, pre-pipelay surveys will be undertaken and any findings of cultural heritage significance will be recorded.

4.1.3 Phase 3: Pre-construction excavations

In areas where damage to the resource is unavoidable, a planned excavation shall record archaeological deposits before construction activities. Phase 3 work will be carried out at those sites identified in Phase 2 as containing significant remains within the Project working strip. Phase 3 investigations will involve archaeological data recovery, in which cultural values are recovered from the sites in the form of data and artefacts. Phase 3 investigation of a site will result in a scientific report accompanied by artefacts prepared for museum curation as per Heritage Office standards (Mibact, ICCD, SABAP). Phase 3 work therefore mitigates impacts to such archaeological sites. An alternative mitigation measure is site avoidance by rerouting the pipeline route or redesigning facilities. Mitigation by avoidance, however, could require investigations outside of the working strip to determine site boundaries, as Phase 2 work focuses on those site areas that lie within the construction area.


4.1.4 Phase 4: Chance Finds during construction

It is recognised that construction of a pipeline and associated permanent and temporary facilities may reveal previously unknown archaeological features. Arrangements are made for the monitoring of construction and provision of a team of archaeologists to conduct 'rescue/salvage excavations' where required. This is also known as the Chance Finds Procedure (see Section 2.5.2). Company has responsibility for any archaeological work in the micro tunnel area and will contract an archaeological contractor if required. The Contractor has responsibility for any archaeological work on the ROW and will contract an archaeological contractor if and when required.

4.1.5 Phase 5: Reporting

The study of material and preparation of reports on the archaeological works will be carried out during the Project in compliance with relevant National standards outlined in Section 2.2. This phase will include the dissemination of the results of the work to both the archaeological audience and the wider public via an appropriate medium aimed to ensure the appropriate communication of Project related Cultural Heritage activities.

Standards of work will comply with Italian national and international standards. Guidance for this work at an international level can be found in the Section 3.2 Offshore Archaeological Contractor Project overview, scope and guidance.

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5 Training

The COMPANY training requirements relating to onshore and offshore cultural heritage can be found in Section 5.5 of the ESMP (CAL00-PMT-601-Y-TTM-0006)

6 Monitoring and inspection


The COMPANY monitoring and inspection requirements relating to onshore and offshore cultural heritage can be found in the E&S Compliance Assurance Plan (CAL00-PMT-601-Y-TTM-0005).

In general, the CHA and/or CHE shall establish a cultural heritage monitoring and audit programme applicable to all phases of the construction works in order to verify the Cultural Heritage compliance of all CONTRACTOR functions. The purpose of the audit program is to ensure that CONTRACTOR Cultural Heritage requirements are being complied with, and that all the cultural heritage measures described in the CONTRACTOR ESIPs are fully and properly implemented.

7 Related documents


The following is a list of documents that, among others, have content relevant to this CHMP.

- Environmental and Social Management Plan (CAL00-PMT-601-Y-TTM-0006)
- Onshore Cultural Heritage CCP (IAL00-RSK-601-Y-TTM-0013)
- Offshore Cultural Heritage CCP (IAL00-RSK-601-Y-TTM-0021)
- E&S Compliance Assurance Plan (CAL00-PMT-601-Y-TTM-0005)
- Stakeholder Engagement Strategy (TAP-HSE-ST-0009)
- TAP Battery Limits Onshore - Offshore Sections (CPL00-ENT-100-F-DFO-0002)
- Legislative Decree 42/2004, D.lgs 42, 22 January 2004, “Law on the cultural heritage and landscape” and s.m.i.


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APPENDIX 1 - Cultural Heritage Framework Overview


CH CODE	NAME	TYPE	DESCRIPTION	PERIOD	IMPORTANCE	X	Y	ACTION PHASE 1	ACTION PHASE 2	ACTION PHASE 3	ACTION PHASE 4	NOTES
CH-20	S. Niceta	Cultural Heritage Monument/Site	The only building visible is the chapel, joined with a crypt and silos (today not visible).	Middle Age	High	274302,418	4462745,206		Trial Trenches (operational link to IT0791) COMPANY			The site corresponds to an area of settlement layered, closely related to the Site of Fanfula (CH-19), dated to the Hellenistic-Roman period (IT0791)
CH-19	Casa Fanfula	Cultural Heritage Monument/Site	Settlement with remains of masonry structures, of a tank and of a floor screed still in situ, mostly hidden by the overgrown vegetation attests the presence of a rural complex defined villa of medium size.	Hellenistic-Roman Age	High	274630,220	4462738,994		IT0791 (trial Trenches) COMPANY			The site corresponds to an area of settlement layered, closely related to the Site of S. Niceta (CH-20)
CH-10	La Franca	Cultural Heritage Monument/Site	Fortified settlement dating back to the protohistoric age. Fortifications consisting of large irregular blocks that has been maintained in modern drystone wall.	Bronze Age	High	271998,200	4465510,191					The site was located 2,5 Km from TAP Project Area
CH-16	Pozzo Seccato	Cultural Heritage Monument/Site	Fortified settlement of Pozzo Seccato is a hellenistic-roman farm. The external fortification is a great drystone wall cladded with a wall surface of limestone blocks which encloses a great multifunctional building.	Hellenistic Age, Roman Age	High	272758,508	4464933,362					The site was located 1,7 Km from TAP Project Area
CH-27	Roca Vecchia	Cultural Heritage Monument/Site	The considerable number of digs which were performed from the 1920/Es to now has brought to light the multi-stratified site dating from Bronze Age (fortified village) to Pre-Roman Age (messapian city) to Middle Age (fortified town) and Modern Age (tower)	Bronze-Iron Age, Pre-Roman Age, Roman Age, Middle Age, Modern Age	High	281259,783	4462591,383					The site was located 3,8 Km from TAP Project Area
n/a	Ecomuseum of stone landscapes	Protected landscape	The Ecomuseum is structured around the archaeological area of Pozzo Annoyed (Hellenistic fortified farm - CH 16). Elements of cultural heritage, distributed in the countryside: farms, pagghiare, specchie, drystone walls and sheep tracks.	Bronze-Iron Age, Pre-Roman Age, Roman Age, Middle Age, Modern Age	High	272167,102	4465015,403		Trial Trenches (operational link to IT0791) COMPANY			The Ecomuseum is crossed by RoW between Kp 4,6 - Kp 5,8, closely related to the Site of S. Niceta (CH-20)

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CH CODE	NAME	TYPE	DESCRIPTION	PERIOD	IMPORTANCE	X	Y	ACTION PHASE 1	ACTION PHASE 2	ACTION PHASE 3	ACTION PHASE 4	NOTES
n/a	Masseria Incioli	Landscape/Architectural evidence	Fortified farm dating back to the modern age	Modern Age	Medium	277762,200	4464139,811					
n/a	Masseria S. Basilio	Landscape/Architectural evidence	Fortified farm dating back to the modern age	Modern Age	Medium	278056,268	4464895,301					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Low Archaeological Risk	Unidentified	n/a	270986,157	4464203,811					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	High Archaeological Risk	Unidentified	n/a	270826,308	4464513,108					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Medium - High Archaeological Risk	Unidentified	n/a	270923,156	4464737,545					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Medium - High Archaeological Risk	Unidentified	n/a	270766,543	4464171,707					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Low - Medium Archaeological Risk	Unidentified	n/a	270655,544	4464782,631					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Medium Archaeological Risk	Unidentified	n/a	270200,781	4465225,404					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Null or Undefined Archaeological Risk	Unidentified	n/a	270756,171	4465503,926					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Low - Medium Archaeological Risk	Unidentified	n/a	270553,351	4465705,832					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Low Archaeological Risk	Unidentified	n/a	271357,702	4465027,434					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Null or Undefined Archaeological Risk	Unidentified	n/a	267845,335	4466283,976					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Low Archaeological Risk	Unidentified	n/a	269825,288	4465819,879					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Low Archaeological Risk	Unidentified	n/a	271205,673	4462795,503					

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CH CODE	NAME	TYPE	DESCRIPTION	PERIOD	IMPORTANCE	X	Y	ACTION PHASE 1	ACTION PHASE 2	ACTION PHASE 3	ACTION PHASE 4	NOTES
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Low Archaeological Risk	Unidentified	n/a	270863,183	4463841,284					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Low Archaeological Risk	Unidentified	n/a	270109,119	4463960,329					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	High Archaeological Risk	Unidentified	n/a	267955,754	4465447,977					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Null or Undefined Archaeological Risk	Unidentified	n/a	267746,362	4465604,383					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Medium - High Archaeological Risk	Unidentified	n/a	267662,564	4465429,496					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Null or Undefined Archaeological Risk	Unidentified	n/a	269726,019	4461975,757					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	High Archaeological Risk	Unidentified	n/a	267752,533	4465071,651					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Low Archaeological Risk	Unidentified	n/a	268421,953	4464674,072					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Low Archaeological Risk	Unidentified	n/a	270920,831	4462290,413					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Null or Undefined Archaeological Risk	Unidentified	n/a	269661,886	4463639,222			Archaeological monitoring of construction activities (IT0787) CONTRACTOR		The SE area of the perimeter adjoins the area of the PRT construction.
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Low Archaeological Risk	Unidentified	n/a	267559,273	4466921,846					
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Low Archaeological Risk	Unidentified	n/a	267669,780	4465624,803					

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CH CODE	NAME	TYPE	DESCRIPTION	PERIOD	IMPORTANCE	X	Y	ACTION PHASE 1	ACTION PHASE 2	ACTION PHASE 3	ACTION PHASE 4	NOTES
n/a	Vernole Municipality Archaeological Map (PUG)	Evaluation of Archaeological Risk	Low - Medium Archaeological Risk	Unidentified	n/a	270242,016	4466036,291					
n/a	Masseria Torre Ruggeri	Landscape/Architectural evidence	Fortified farm dating back to the modern age	Modern Age	High	274310,550	4456656,561					
n/a	Masseria Giammarino	Landscape/Architectural evidence	Fortified farm dating back to the modern age	Modern Age	High	281298,848	4458757,165					
n/a	Masseria Nuova	Landscape/Architectural evidence	Fortified farm dating back to the modern age	Modern Age	High	279784,860	4456397,199					
n/a	Masseria Sbotta	Landscape/Architectural evidence	Fortified farm dating back to the modern age	Modern Age	High	279711,200	4456573,297					
n/a	Masseria Porcaccini	Landscape/Architectural evidence	Fortified farm dating back to the modern age	Modern Age	High	279403,043	4456745,151					
n/a	Masseria Carleo	Landscape/Architectural evidence	Fortified farm dating back to the modern age	Modern Age	High	276441,169	4463128,519					
n/a	San Biagio	Cultural Heritage Monument/Site	Church	Modern Age	High	270999,326	4459378,100					
n/a	Uzzelli	Cultural Heritage Monument/Site	Church	Middle Age	High	276153,567	4457344,941					
n/a	Acaja	Cultural Heritage Monument/Site	Fortified Town dating back to XVth century	Unidentified	High	270310,602	4468282,513					
n/a	Masseria Visciglito o Gesuini	Landscape/Architectural evidence	Fortified farm dating back to the modern age	Modern Age	High	268160,124	4468097,316					
n/a	Masseria Favarella	Landscape/Architectural evidence	Fortified farm dating back to the modern age	Modern Age	High	271335,259	4468704,091					
n/a	Masseria Cesine	Landscape/Architectural evidence	Fortified farm dating back to the modern age	Middle Age, Modern Age	High	273782,832	4470002,158					
n/a	Masseria Lo Zundrano	Landscape/Architectural evidence	Fortified farm dating back to the modern age	Middle Age, Modern Age	High	268431,561	4470217,747					
n/a	Masseria Pier di Noha	Landscape/Architectural evidence	Fortified farm dating back to the modern age	Modern Age	High	272134,721	4467648,473					
n/a	Conche	Tombs	Burial ground with mound and cave tombs	Eneolithic	High	273158,399	4465163,458					
n/a	Ponte di Carlo	Cultural Heritage Monument/Site	Ancient port	Roman Age	High	274787,089	4470180,107					
n/a	Cesine	Tombs	Burial ground with mound and cave tombs	Roman Age	High	273890,965	4470045,087					
n/a	Cesine	Cultural Heritage Monument/Site	Underground house	Unidentified	High	273674,762	4470467,046					

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n/a	Copertini	Tombs	Burial ground with mound and cave tombs	Bronze Age	High	271543,131	4466276,641					
n/a	Ficazzano	Cultural Heritage Monument/Site		Bronze Age	High	273353,949	4464715,202					
n/a	Coriste	Tombs	Burial ground with mound and cave tombs	Roman Age, Middle Age	High	272916,594	4465272,281					
n/a	Lenze	Tombs	Burial ground with mounds tombs	Prehistoric Age	High	272810,338	4464482,879					
n/a	Le Cesine	Cultural Heritage Monument/Site	Small settlement	Bronze Age	High	272390,222	4472191,980					
n/a	Li Salappi	Cultural Heritage Monument/Site		Unidentified	High	272077,316	4471411,178					
n/a	San Pietro	Cultural Heritage Monument/Site	Rupestrian settlement	Middle Age	High	272198,997	4468673,183					
n/a	San Pietro	Cultural Heritage Monument/Site	Underground house	Unidentified	High	272224,930	4469267,485					
n/a	Materdomini	Menhir	Menhir	Unidentified	High	267975,323	4465251,086					
n/a	Malepezza	Cultural Heritage Monument/Site	Prehistoric settlement	Prehistoric Age	High	280092,124	4458953,647					
n/a	San Biagio	Tombs	Burial ground with mound and cave tombs	Middle Age	High	270946,867	4459240,541					
n/a	Masseria Pasulo	Tombs	Burial ground with mound and cave tombs	Roman Age, Middle Age	High	277741,057	4455420,820					
n/a	Le Cesine	Cultural Heritage Monument/Site		Unidentified	High	274655,397	4470869,735					
n/a	San Giovanni	Cultural Heritage Monument/Site	Handicraft installation	Roman Age	High	272191,176	4472780,615					
n/a	Torre S. Andrea	Cultural Heritage Monument/Site	Watchtower	Bronze Age, Iron Age	High	282797,876	4459232,979					
n/a	S. Andrea	Cultural Heritage Monument/Site	Rupestrian settlement	Hellenistic Age, Middle Age	High	282729,725	4459171,045					
n/a	Baron's Palace	Landscape/Architectural evidence	Castle/Palace of Acquarica di Lecce	Middle Age, Modern Age	High	272011,186	4465116,411					
n/a	Masseria Li Candi	Landscape/Architectural evidence	Fortified farm dating back to the modern age	Modern Age	High	272016,521	4466990,623					
n/a	Masseria Musci	Cultural Heritage Monument/Site	Ruins linked with the ancient settlement of Roca	Pre-roman Age, Middle Age	Medium	279528,387	4463377,109					
AR-1	Archaeological Risk Sector 1	Pottery scatter	The pottery scatter has been determined in the N band of the Project buffer. The fragments have a not very high concentra-	Modern Age, Contemporary Age	Low	277544,803	4465042,559			Pre-construction survey (CONTRACTOR)	Archaeological monitoring (IT0787) - Possible Chance Find. CONTRACTOR	The archaeological risk is to be considered of a low degree

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			tion (2 frag. / sq. m.). The presence of a pagliara in the vicinity of the area is pointed out.									
AR-3	Archaeological Risk Sector 5	Pottery scatter	A pottery scatter identified in a large area. The fragments have a low concentration (5 frags. / sq. m). Found achromatic pottery, green and fired glazed pottery, painted pottery datable between the Middle Ages and the contemporary Age.	Middle Age, Modern Age, Contemporary Age	Medium	272125,326	4462321,171			Pre-construction survey (CONTRACTOR)	Archaeological monitoring (IT0787) - Possible Chance Find. CONTRACTOR	The degree of archaeological risk in this area is to be considered medium.
n/a	RoW archaeological potential for land parcel	cadastral Sheet 12 -Land Parc.101		Unidentified	Null	274014,723	4462942,264		Trial Trenches (operational link to IT0791) COMPANY			
n/a	RoW archaeological potential for land parcel	cadastral Sheet 12 -Land Parc.102		Unidentified	Null	274172,825	4462966,410		Trial Trenches (operational link to IT0791) COMPANY			
n/a	RoW archaeological potential for land parcel	cadastral Sheet 12 -Land Parc.103		Unidentified	Null	274248,532	4462972,592		Trial Trenches (operational link to IT0791) COMPANY			
n/a	RoW archaeological potential for land parcel	cadastral Sheet 12 -Land Parc.104		Unidentified	Low	274100,104	4462947,606		Trial Trenches (operational link to IT0791) COMPANY			
n/a	RoW archaeological potential for land parcel	cadastral Sheet 12 -Land Parc.105		Unidentified	Null	274215,299	4462960,658		Trial Trenches (operational link to IT0791) COMPANY			
n/a	RoW archaeological potential for land parcel	cadastral Sheet 13 -Land Parc.99		Unidentified	Null	274620,767	4463038,276		Trial Trenches (operational link to IT0791) COMPANY			
n/a	RoW archaeological potential for land parcel	cadastral Sheet 13 -Land Parc.100		Unidentified	Null	274664,022	4463043,543		Trial Trenches (operational link to IT0791) COMPANY			
n/a	RoW archaeological potential for land parcel	cadastral Sheet 13 -Land Parc.89		Unidentified	Medium	274707,129	4463048,316		Trial Trenches (operational link to IT0791) COMPANY			
n/a	RoW archaeological potential for land parcel	cadastral Sheet 13 -Land Parc.92		Unidentified	Hight	274365,187	4462986,549		Trial Trenches (operational link to IT0791) COMPANY			

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n/a	RoW archaeological potential for land parcel	cadastral Sheet 13 -Land Parc.93		Unidentified	Low	274479,140	4463014,140		Trial Trenches (operational link to IT0791) COMPANY			
n/a	RoW archaeological potential for land parcel	cadastral Sheet 13 -Land Parc.94		Unidentified	Low	274569,443	4463032,637		Trial Trenches (operational link to IT0791) COMPANY			
n/a	RoW archaeological potential for land parcel	cadastral Sheet 13 -Land Parc.104		Unidentified	Low	274833,135	4463039,697		Trial Trenches (operational link to IT0791) COMPANY			
n/a	RoW archaeological potential for land parcel	cadastral Sheet 13 -Land Parc.112		Unidentified	Null	274753,621	4463053,841		Trial Trenches (operational link to IT0791) COMPANY			
n/a	RoW archaeological potential for land parcel	cadastral Sheet 13 -Land Parc.119		Unidentified	Null	274641,803	4463040,816		Trial Trenches (operational link to IT0791) COMPANY			
GPR500	Geophysical investigations (GPR) surveyed areas	GPR Survey for chance finds evaluation	<Null>	Unidentified	n/a	274381,251	4462990,497		Trial Trenches (operational link to IT0791) COMPANY			Related to the anomaly GPR_1
GPR400	Geophysical investigations (GPR) surveyed areas	GPR Survey for chance finds evaluation	<Null>	Unidentified	n/a	274547,945	4463029,916		Trial Trenches (operational link to IT0791) COMPANY			Related to the anomalies GPR_2-3-4
GPR200/300	Geophysical investigations (GPR) surveyed areas	GPR Survey for chance finds evaluation	<Null>	Unidentified	Null	274711,039	4463048,830		Trial Trenches (operational link to IT0791) COMPANY			Related to the anomaly GPR_5
GPR100	Geophysical investigations (GPR) surveyed areas	GPR Survey for chance finds evaluation	<Null>	Unidentified	Low	274864,041	4463032,123		Trial Trenches (operational link to IT0791) COMPANY			Related to the anomalies GPR_6-7-8
GPR_1	Geophysical investigations (GPR) surveyed areas	GPR Survey for chance finds evaluation	Linear anomalies with reasonable continuity (possible structures at deep (-0.60)	Unidentified	n/a	274862,687	4463027,560		Trial Trenches relocated (operational link to IT0791) COMPANY			GPR investigation area 100 - Linked to trial trench 1
GPR_4	Geophysical investigations (GPR) surveyed areas	GPR Survey for chance finds evaluation	Anomaly A (-0.90): a regular geometry area (rectangular) with structure alignments rotated in East	Unidentified	n/a	274690,940	4463045,162		Trial Trenches relocated (operational link to IT0791) COMPANY			GPR investigation area 200-300 - Linked to trial trench 11

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GPR_2	Geophysical investigations (GPR) surveyed areas	GPR Survey for chance finds evaluation	Anomaly C (-0.90): probably due to natural reasons (probably the layer edges)	Unidentified	n/a	274713,546	4463049,291		Trial Trenches relocated (operational link to IT0791) COMPANY			GPR investigation area 200-300 - Linked to trial trench 9
GPR_3	Geophysical investigations (GPR) surveyed areas	GPR Survey for chance finds evaluation	Anomaly B (-0.90): linear alignment	Unidentified	n/a	274696,668	4463048,469		Trial Trenches relocated (operational link to IT0791) COMPANY			GPR investigation area 200-300 - Linked to trial trench 10
GPR_5	Geophysical investigations (GPR) surveyed areas	GPR Survey for chance finds evaluation	Probable structure, affected by a collapse or natural elements (-0.50)	Unidentified	Null	274550,231	4463029,904		Trial Trenches relocated (operational link to IT0791) COMPANY			GPR investigation area 400 - Linked to trial trench 17
GPR_6	Geophysical investigations (GPR) surveyed areas	GPR Survey for chance finds evaluation	Anomaly A (-0.60): anomalous alignment (questionable)	Unidentified	Low	274385,755	4462988,597		Trial Trenches relocated (operational link to IT0791) COMPANY			GPR investigation area 500 - Linked to trial trenches 29-30
GPR_7	Geophysical investigations (GPR) surveyed areas	GPR Survey for chance finds evaluation	Anomaly B (-0.60): anomalous alignment (questionable)	Unidentified	Low	274390,647	4462990,012		Trial Trenches relocated (operational link to IT0791) COMPANY			GPR investigation area 500 - Linked to trial trenches 29-30
GPR_8	Geophysical investigations (GPR) surveyed areas	GPR Survey for chance finds evaluation	High-absorption band, not evaluated as an anomaly (associated with bedrock at deep -0.70?)	Unidentified	Low	274382,132	4462990,779		Trial Trenches relocated (operational link to IT0791) COMPANY			GPR investigation area 500 - Linked to trial trenches 29-30-31
n/a	Roman land division	Cropmark	Cropmark of Roman land division, preserved in contemporary agricultural divisions (dry stone wall) and in road layouts	Roman Age	Medium	275054,392	4459523,622					
n/a	Roman land division	Cropmark	Cropmark of Roman land division, preserved in contemporary agricultural divisions (dry stone wall) and in road layouts	Roman Age	Medium	272293,748	4463175,146		Pre-construction survey (CONTRACTOR)	Archaeological monitoring of construction activities (IT0787) CONTRACTOR		The cropmark corresponds, in its continuation south, to the hypothetical route of the Via Traiana
n/a	Roman land division	Cropmark	Cropmark of Roman land division, preserved in contemporary agricultural divisions (dry stone wall) and in road layouts	Roman Age	Medium	275092,987	4460847,296					

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n/a	Roman land division	Cropmark	Cropmark of Roman land division, preserved in contemporary agricultural divisions (dry stone wall) and in road layouts	Roman Age	Medium	269904,567	4464247,766					
n/a	Roman land division	Cropmark	Cropmark of Roman land division, preserved in contemporary agricultural divisions (dry stone wall) and in road layouts	Roman Age	Medium	268418,320	4463559,759					
n/a	Roman land division	Cropmark	Cropmark of Roman land division, preserved in contemporary agricultural divisions (dry stone wall) and in road layouts	Roman Age	Medium	268348,323	4466323,089					
n/a	Roman land division	Cropmark	Cropmark of Roman land division, preserved in contemporary agricultural divisions (dry stone wall) and in road layouts	Roman Age	Medium	263929,795	4464647,709					
n/a	Roman land division	Cropmark	Cropmark of Roman land division, preserved in contemporary agricultural divisions (dry stone wall) and in road layouts	Roman Age	Medium	269740,086	4467954,015					
n/a	Roman land division	Cropmark	Cropmark of Roman land division, preserved in contemporary agricultural divisions (dry stone wall) and in road layouts	Roman Age	Medium	267082,444	4467394,212					
n/a	Roman land division	Cropmark	Cropmark of Roman land division, preserved in contemporary agricultural divisions (dry stone wall) and in road layouts	Roman Age	Medium	266577,414	4464208,459					
n/a	Roman land division	Cropmark	Cropmark of Roman land division, preserved in contemporary agricultural divisions (dry stone wall) and in road layouts	Roman Age	Medium	265713,998	4464943,261					
n/a	Roman land division	Cropmark	Cropmark of Roman land division, preserved in contemporary agricultural divisions (dry stone wall) and in road layouts	Roman Age	Medium	263743,348	4460123,052					
n/a	Via Traiana (hypothetical route)	Cropmark	Cropmark Hypotetica of Traiana roman road, preserved on contemporary road layouts	Roman Age	High	270488,029	4464893,155					
MR78	Dry Stone Wall	Type 2: with disordered construction weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	272407,057	4462712,147			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	

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MR79	Dry Stone Wall	Type 2. with disordered construction weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	272373,619	4462673,165			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR82	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	272266,133	4462541,155			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR84	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	272223,642	4462490,405			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR87	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	272064,982	4462247,426			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR89	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	272017,221	4462185,379			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR91	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	271960,892	4462165,452			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR92	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	271969,763	4462167,824			Archaeological monitoring during dismantling of dry stone wall	Rebuilt to their original dimensions (IT0866) CONTRACTOR	

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										(IT0790) CONTRACTOR		
MR96REV	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	271783,099	4462077,623			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR97REV	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	271641,587	4462050,604			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR98	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directlydirectly affected by the PRT and/or relevant access roads	Modern Age, Contemporary Age	Medium	271679,376	4461896,960			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Do not rebuild (PRT/SRG), reuse rocks in PRT North access road CONTRACTOR	
MR01	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	277656,289	4465022,928			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR02REV	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	277501,752	4465014,366			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR03REV	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	277498,682	4465018,474			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	

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MR04	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	277396,780	4464993,173			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR05	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	277397,269	4464989,296			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR06	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	277162,903	4464881,035			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR07	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	277064,488	4464799,371			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR08	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	276936,887	4464753,522			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR10	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	276909,194	4464742,308			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR12REV	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	276769,305	4464686,759			Archaeological monitoring during dismantling of dry stone wall	Rebuilt to their original dimensions (IT0866) CONTRACTOR	

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										(IT0790) CONTRACTOR		
MR13REV	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	276749,149	4464662,725			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR14REV	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	276690,298	4464593,014			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR16REV	Dry Stone Wall	Type 5: Accum. by strat. with predomin. of slabs	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	276606,603	4464523,600			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR17REV	Dry Stone Wall	Type 4: Accum. by strat. with very disord. Weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	276565,699	4464484,598			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR18REV	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	276516,373	4464469,027			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR20REV	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	276440,072	4464351,060			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	

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MR21REV	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	276438,069	4464345,541			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR22	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls within 30m corridor and not directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	276424,967	4464342,005			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MR23REV	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	276446,713	4464234,532			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR24	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls within 30m corridor and not directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	276423,489	4464257,281			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MR25	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls within 30m corridor and not directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	276420,770	4464238,463			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MR27REV	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	276398,170	4464135,824			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR28REV	Dry Stone Wall	Type 4: Accum. by strat. with very disord. Weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	276376,409	4464114,196			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR29	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	276351,399	4464027,815			Archaeological monitoring during dismantling of dry	Rebuilt to their original dimensions (IT0866) CONTRACTOR	

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										stone wall (IT0790) CONTRACTOR		
MR30	Dry Stone Wall	Type 4: Accum. by strat. with very disord. weeding	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	276330,084	4463972,935			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR31	Dry Stone Wall	Type 6: Accum. by strat. with square blocks	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	276310,577	4463923,489			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR32REV	Dry Stone Wall	Type 6: Accum. by strat. with square blocks	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	276273,286	4463868,949			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR35REV	Dry Stone Wall	Type 6: Accum. by strat. with square blocks	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	276246,505	4463816,817			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR36	Dry Stone Wall	Type 6: Accum. by strat. with square blocks	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	276121,504	4463752,967			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MR37	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	275409,360	4463408,569			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR38	Dry Stone Wall	Type 6: Accum. by strat. with square blocks	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	274899,863	4463015,013			Archaeological monitoring during dismantling of dry	Rebuilt to their original dimensions (IT0866) CONTRACTOR	

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										stone wall (IT0790) CONTRACTOR		
MR30	Dry Stone Wall	ND	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	276330,084	4463972,935			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR40	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	274765,678	4463045,582			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR41	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	274677,153	4463040,715			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR42REV	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	274606,868	4463025,536			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR43REV	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	274302,606	4462956,005			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR46REV	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	273880,270	4463024,680			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	

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MR47REV	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	273872,731	4463043,027			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR48REV	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	273790,851	4463106,957			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR49REV	Dry Stone Wall	Type 5: Accum. by strat. with predomin. of slabs	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	273788,905	4463109,563			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR50REV	Dry Stone Wall	Type 5: Accum. by strat. with predomin. of slabs	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	273644,738	4463191,339			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR51REV	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	273642,446	4463193,274			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR53REV	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	273548,471	4463222,538			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR54REV	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	273492,755	4463251,762			Archaeological monitoring during dismantling of dry stone wall	Rebuilt to their original dimensions (IT0866) CONTRACTOR	

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										(IT0790) CONTRACTOR		
MR55REV	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	273428,350	4463277,110			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR56	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls within 30m corridor and not directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	273418,647	4463244,945			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MR57REV	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	273425,150	4463277,158			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR58REV	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	273389,063	4463296,331			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR59REV	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	273385,138	4463296,284			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR60REV	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	273253,872	4463308,371			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR61REV	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directlydirectly affected by the route	Modern Age, Contemporary Age	Medium	273238,679	4463309,630			Archaeological monitoring during dismantling of dry	Rebuilt to their original dimensions (IT0866) CONTRACTOR	

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										stone wall (IT0790) CONTRACTOR		
MR67	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	273047,590	4463176,646			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR69	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	273002,340	4463150,773			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR71	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	272974,630	4463125,009			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR73	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	272937,325	4463100,483			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR74	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	272787,108	4462975,319			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR75	Dry Stone Wall	Type 5: Accum. by strat. with predomin. of slabs	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	272736,607	4462934,611			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	

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MR76	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	272659,499	4462869,978			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR77	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	272457,227	4462736,830			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR83	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	272227,515	4462495,047			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR85	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	272147,627	4462387,085			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR86	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	272121,284	4462342,540			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR88	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	272061,802	4462242,097			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR90	Dry Stone Wall	ND	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	272006,846	4462199,634			Archaeological monitoring during dismantling of dry stone wall	Rebuilt to their original dimensions (IT0866) CONTRACTOR	

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										(IT0790) CONTRACTOR		
MR93	Dry Stone Wall	ND	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	271906,456	4462139,625			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR94REV	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	271934,424	4462122,908			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR95	Dry Stone Wall	ND	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	271897,711	4462132,413			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MR19REV	Dry Stone Wall	ND	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	276514,771	4464464,399			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR33REV	Dry Stone Wall	Type 6: Accum. by strat. with square blocks	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	276249,123	4463818,721			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR34	Dry Stone Wall	Type 4: Accum. by strat. with very disord. Weeding	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	276251,649	4463808,512			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR39	Dry Stone Wall	ND	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	274896,354	4463018,723			Archaeological monitoring during dismantling of dry	Rebuilt to their original dimensions (IT0866) CONTRACTOR	

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										stone wall (IT0790) CONTRACTOR		
MR44REV	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	274063,970	4462934,168			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR45REV	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	273969,713	4462959,342			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR52REV	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	273554,578	4463218,223			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR62REV	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	273201,112	4463306,664			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR63	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	273153,540	4463299,530			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR64	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	273146,406	4463289,117			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	

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MR65	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	273145,107	4463285,202			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR66	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	273098,635	4463227,542			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR68	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	273028,665	4463179,826			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR70	Dry Stone Wall	ND	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	272989,378	4463154,782			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR72	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	272964,931	4463122,022			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR80	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	272321,994	4462609,385			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR81	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directly affected by the route not completely documentable due to the covering vegetation	Modern Age, Contemporary Age	Medium	272316,714	4462595,872			Archaeological monitoring during dismantling of dry stone wall	Rebuilt to their original dimensions (IT0866) CONTRACTOR	

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										(IT0790) CONTRACTOR		
MA12	Dry Stone Wall	ND	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	276121,507	4463736,241			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MA13	Dry Stone Wall	ND	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	274723,819	4463027,554			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MA14	Dry Stone Wall	ND	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	274177,640	4462968,543			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MA15	Dry Stone Wall	ND	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	273930,719	4462967,452			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MA16	Dry Stone Wall	ND	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	273797,977	4463028,598			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MA17	Dry Stone Wall	ND	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	273665,141	4463119,932			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MA18	Dry Stone Wall	ND	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	273280,608	4463274,998			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MA21	Dry Stone Wall	ND	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	271988,632	4462185,740			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	

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MR120	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directly affected by the PRT and/or relevant access roads	Modern Age, Contemporary Age	Medium	271698,514	4462112,984			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866, A44.2) at 3m South CONTRACTOR	
MA23	Dry Stone Wall	ND	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	271664,896	4461969,255			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MA01	Dry Stone Wall	ND	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	277937,239	4465196,976			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MA02	Dry Stone Wall	ND	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	277582,034	4464989,822			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MA03	Dry Stone Wall	ND	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	277460,401	4464984,029			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MA04	Dry Stone Wall	ND	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	276680,856	4464534,985			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MA05	Dry Stone Wall	ND	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	276632,613	4464508,328			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MA06	Dry Stone Wall	ND	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	276586,528	4464478,994			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MA07	Dry Stone Wall	ND	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	276547,435	4464453,734			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	

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MA08	Dry Stone Wall	ND	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	276476,177	4464406,360			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MA09	Dry Stone Wall	ND	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	276445,054	4464270,938			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MA11	Dry Stone Wall	ND	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	276221,204	4463813,574			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MA09	Dry Stone Wall	ND	Recent walls built up in blocks	Modern Age, Contemporary Age	Medium	276435,322	4464327,869			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MA10	Dry Stone Wall	ND	Recent walls built up in blocks	Modern Age, Contemporary Age	Medium	276415,745	4464149,359			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MA20	Dry Stone Wall	ND	Recent walls built up in blocks	Modern Age, Contemporary Age	Medium	272448,427	4462725,584			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	269772,319	4464940,838					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	271233,493	4464503,779					

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n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	277439,802	4465257,110					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	277662,515	4464655,473					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	270915,817	4463969,827					
n/a	Narrative paths (historical and cultural)	Intangible Heritage	Historical streets, consolidated in the use through the centuries (mainly modern age). Do not excluded that these roads are modelled on oldest paths (see Via Traiana (hypothetical route))	Unidentified	Medium	272325,730	4463255,379		Pre-construction survey (CONTRACTOR)	Archaeological monitoring of construction activities (IT0787) CONTRACTOR		
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	270153,297	4464331,798					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	277858,430	4464607,766					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	273208,696	4462468,186					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	270826,058	4463712,517					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	270400,294	4462331,368					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	269144,510	4465861,759					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	267879,436	4464510,770					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	276417,901	4463171,227					

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n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	269695,938	4459708,772					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	271526,330	4460839,974					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	276635,055	4461320,955					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	278717,009	4462869,914					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	276966,712	4466198,416					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	271927,471	4466035,633					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	273982,693	4467722,855					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	270025,511	4468082,006					
n/a	Narrative paths (historical and cultural)	Intangible Heritage		Unidentified	Low	265791,731	4468341,646					
A1	Archaeological evidence linked to the Fanfula-S.Niceta sites (CH 19-20)	ESMS Survey 2015 December	Quarry	Middle Age, Modern Age	Medium	274840,376	4462996,833		Trial Trenches (operational link to IT0791) COMPANY			
A2	Archaeological evidence linked to the Fanfula-S.Niceta sites (CH 19-20)	ESMS Survey 2015 December	Cartroad	Middle Age, Modern Age	Medium	274880,674	4463101,564		Trial Trenches (operational link to IT0791) COMPANY			
A3	Archaeological evidence linked to the Fanfula-S.Niceta sites (CH 19-20)	ESMS Survey 2015 December	Cartroad	Middle Age, Modern Age	Medium	274874,078	4463088,128		Trial Trenches (operational link to IT0791) COMPANY			
A4	Archaeological evidence linked to the Fanfula-S.Niceta sites (CH 19-20)	ESMS Survey 2015 December	Cartroad	Middle Age, Modern Age	High	274543,413	4462932,146		Trial Trenches (operational)			Linked to trial trenches 18-19

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									link to IT0791) COMPANY			
A5	Archaeological evidence linked to the Fanfula-S.Niceta sites (CH 19-20)	ESMS Survey 2015 December	Cartroad	Mddle Age, Modern Age	Medium	274579,959	4462778,191		Trial Trenches (operational link to IT0791) COMPANY			
A6	Archaeological evidence linked to the Fanfula-S.Niceta sites (CH 19-20)	ESMS Survey 2015 December	Terracing	Roman Age	Hight	274545,204	4462822,891		Trial Trenches (operational link to IT0791) COMPANY			
A7	Archaeological evidence linked to the Fanfula-S.Niceta sites (CH 19-20)	ESMS Survey 2015 December	Cartroad	Mddle Age, Modern Age	Hight	274333,003	4462794,721		Trial Trenches (operational link to IT0791) COMPANY			
A8	Archaeological evidence linked to the Fanfula-S.Niceta sites (CH 19-20)	ESMS Survey 2015 December	Quarry	Mddle Age, Modern Age	Hight	274340,675	4462819,958		Trial Trenches (operational link to IT0791) COMPANY			
A9	Archaeological evidence linked to the Fanfula-S.Niceta sites (CH 19-20)	ESMS Survey 2015 December	Cartroad	Mddle Age, Modern Age	Medium	274904,236	4463031,697		Trial Trenches (operational link to IT0791) COMPANY			
A10	Archaeological evidence linked to the Fanfula-S.Niceta sites (CH 19-20)	ESMS Survey 2015 December	Ancient agrarian division?	Unidentified	Medium	274678,126	4462916,152		Trial Trenches (operational link to IT0791) COMPANY			
B1	Archaeological evidence linked to the Fanfula-S.Niceta sites (CH 19-20)	ESMS Survey 2015 December	Roman land division (known as Landscape Plan of Puglia Region)	Roman Age	Hight	272537,329	4463464,783		Trial Trenches (operational link to IT0791) COMPANY			Linked to trial trenches 26, 28, 29, 30, 31, 32
C1	Geophysical anomalies linked to the Fanfula-S.Niceta sites (CH 19-20)	Geoelectrical Surve for pipeline characterization	Wall?	Unidentified	n/a	274861,188	4463022,212		Trial Trenches (operational link to IT0791) COMPANY			Linked to trial trench 2 and GPR Survey 100
C2	Geophysical anomalies linked to the Fanfula-S.Niceta sites (CH 19-20)	Geoelectrical Surve for pipeline characterization	Wall?	Unidentified	n/a	274726,139	4463041,912		Trial Trenches (operational link to IT0791) COMPANY			Linked to trial trenches 9, 10, 11 and GPR Survey 200-300
C3	Geophysical anomalies linked to the Fanfula-S.Niceta sites (CH 19-20)	Geoelectrical Surve for pipeline characterization	Wall?	Unidentified	n/a	274695,111	4463034,934		Trial Trenches (operational link to IT0791) COMPANY			Linked to trial trenches 9, 10, 11 and GPR Survey 200-300
C4	Geophysical anomalies linked to the Fanfula-S.Niceta sites (CH 19-20)	Geoelectrical Surve for pipeline characterization	Unidentified anomaly - Well?	Unidentified	Low	274549,584	4463022,262		Trial Trenches (operational			Linked to trial trench 17 and GPR Survey 400

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									link to IT0791) COMPANY			
C5	Geophysical anomalies linked to the Fanfula-S.Niceta sites (CH 19-20)	Geoelectrical Surve for pipeline characterization	Unidentified anomaly - Terracing?	Unidentified	Medium	274430,107	4462987,282		Trial Trenches (operational link to IT0791) COMPANY			Linked to trial trenches 23, 24
C6	Geophysical anomalies linked to the Fanfula-S.Niceta sites (CH 19-20)	Geoelectrical Surve for pipeline characterization	Wall?	Unidentified	n/a	274404,603	4462984,240		Trial Trenches (operational link to IT0791) COMPANY			Linked to trial trenches 26 ,28, 29, 30, 31, 32 and GPR Survey 500
C7	Geophysical anomalies linked to the Fanfula-S.Niceta sites (CH 19-20)	Geoelectrical Surve for pipeline characterization	Wall?	Unidentified	n/a	274377,617	4462977,794		Trial Trenches (operational link to IT0791) COMPANY			Linked to trial trenches 26 ,28, 29, 30, 31, 32 and GPR Survey 500
C8	Geophysical anomalies linked to the Fanfula-S.Niceta sites (CH 19-20)	Geoelectrical Surve for pipeline characterization	Road?	Unidentified	n/a	274403,292	4462981,947		Trial Trenches (operational link to IT0791) COMPANY			Linked to trial trenches 26 ,28, 29, 30, 31, 32 and GPR Survey 500
C9	Geophysical anomalies linked to the Fanfula-S.Niceta sites (CH 19-20)	Geoelectrical Surve for pipeline characterization	Bedrock	Unidentified	n/a	274289,503	4462962,939		Trial Trenches (operational link to IT0791) COMPANY			Linked to trial trench 35
C10	Geophysical anomalies linked to the Fanfula-S.Niceta sites (CH 19-20)	Geoelectrical Surve for pipeline characterization	Bedrock	Unidentified	n/a	274272,405	4462960,866		Trial Trenches (operational link to IT0791) COMPANY			Linked to trial trench 36
C11	Geophysical anomalies linked to the Fanfula-S.Niceta sites (CH 19-20)	Geoelectrical Surve for pipeline characterization	Bedrock	Unidentified	n/a	274249,243	4462959,009		Trial Trenches (operational link to IT0791) COMPANY			Linked to trial trench 37
C12	Geophysical anomalies linked to the Fanfula-S.Niceta sites (CH 19-20)	Geoelectrical Surve for pipeline characterization	Wall?	Unidentified	n/a	274135,072	4462946,008		Trial Trenches (operational link to IT0791) COMPANY			Linked to trial trench 41
C13	Geophysical anomalies linked to the Fanfula-S.Niceta sites (CH 19-20)	Geoelectrical Surve for pipeline characterization	Bedrock	Unidentified	n/a	274001,960	4462935,267		Trial Trenches (operational link to IT0791) COMPANY			Linked to trial trench 46
MR103	Dry Stone Wall	ND	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	276256,990	4463787,445			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	

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MR98REV	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	271659,118	4461890,768			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR11REV	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	276818,244	4464722,029			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR15REV	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	276647,973	4464556,124			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR26REV	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	276397,673	4464137,427			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR111	Dry Stone Wall	ND	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	273484,660	4463263,158			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR110	Dry Stone Wall	ND	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	273557,519	4463233,657			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR126	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directly affected by the PRT and/or relevant access roads	Modern Age, Contemporary Age	Medium	271630,314	4462093,235			Archaeological monitoring during dismantling of dry stone wall	Do not rebuild (PRT/SG), reuse rocks in PRT North access road CONTRACTOR	

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										(IT0790) CONTRACTOR		
MR116	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directly affected by the PRT and/or relevant access roads	Modern Age, Contemporary Age	Medium	271693,974	4460982,384			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR115	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directly affected by the PRT and/or relevant access roads	Modern Age, Contemporary Age	Medium	271697,209	4460995,586			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866, A44.2) at 4m East CONTRACTOR	
MR112	Dry Stone Wall	Type 1: Disordered accumulation by dumping	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	271943,296	4462125,634			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR109	Dry Stone Wall	Type 5: Accum. by strat. with predomin. of slabs	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	273740,103	4463147,849			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR108	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	273789,211	4463122,237			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR107	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	273881,075	4463047,412			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	

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MR106	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	276128,606	4463725,384			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR105	Dry Stone Wall	Type 5: Accum. by strat. with predomin. of slabs	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	276213,138	4463754,510			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR104	Dry Stone Wall	Type 6: Accum. by strat. with square blocks	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	276190,713	4463757,443			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR114	Dry Stone Wall	Type 6: Accum. by strat. with square blocks	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	276250,256	4463794,134			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR113	Dry Stone Wall	Type 5: Accum. by strat. with predomin. of slabs	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	276254,253	4463785,803			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR102	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	276443,083	4464172,750			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
MR100	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls within 30m corridor and not directly affected by the route	Modern Age, Contemporary Age	Medium	276503,855	4464465,774			Monitoring from vibration related damages (IT0487) CONTRACTOR	Not involved in the works of dismantling/rebuilding	

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MR117	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the PRT and/or relevant access roads	Modern Age, Contemporary Age	Medium	271612,719	4461823,948			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Do not rebuild (PRT/SRG), reuse rocks in PRT North access road CONTRACTOR	
MR118	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the PRT and/or relevant access roads	Modern Age, Contemporary Age	Medium	271619,072	4461879,426			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Do not rebuild (PRT/SRG), reuse rocks in PRT North access road CONTRACTOR	
MR121	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the PRT and/or relevant access roads	Modern Age, Contemporary Age	Medium	271765,562	4462136,893			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Do not rebuild (PRT/SRG), reuse rocks in PRT North access road CONTRACTOR	
MR124	Dry Stone Wall	Type 2: Accum. by strat. with disordered weaving	Drystone walls directly affected by the route	Modern Age, Contemporary Age	Medium	274224,794	4462966,362			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR125	Dry Stone Wall	Type 5: Accum. by strat. with predomin. of slabs	Drystone walls directly affected by the MT	Modern Age, Contemporary Age	Medium	277839,604	4465216,922			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Rebuilt to their original dimensions (IT0866) CONTRACTOR	
MR99	Dry Stone Wall	Type 3: Accum by strat. with ordered weaving	Drystone walls within 30m corridor and not directly affected by the PRT and/or relevant access roads	Modern Age, Contemporary Age	Medium	271646,999	4461730,295			Archaeological monitoring during dismantling of dry stone wall (IT0790) CONTRACTOR	Not involved in the works of dismantling/rebuilding	
CH-1	Torre Specchia Ruggeri	Cultural Heritage Monument/Site	Torre Specchia Ruggeri is one of the coastal towers dated in 14th century. In the vicinity is known a destroyed specchia. A pottery	Bronze Age, Roman Age, Medieval Age	Hight	276997,968	4467434,637					The site is located 2,5 Km from TAP Project Area

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			scatter of amphorae and tools are reported.									
CH-2	Loc. Ficocelle	Tombs	Burial ground was discovered and partially investigated in 1941. Seven tombs of multiple deposit were found, dating back to the 6th/7th C. AD.	Early Middle Ages	Medium	273906,491	4467527,776					The site is located 4 Km from TAP Project Area
CH-3	Road Vanze-Strudó	Quarry/Tombs	Two groups of tombs dating back to the Middle Ages was found about 400 m from Vanze. In association a modest sized quarry is adjacent to the Necropolis, probably used in the Roman period.	Roman Age, Middle Age	Medium	271571,944	4466934,028					The site is located 3,9 Km from TAP Project Area
CH-4	Loc. Aire	Burial mounds	Is noted the presence of remains of structures, which can be interpreted as burial mounds	Bronze Age	Hight	271738,270	4466011,575					The site is located 3 Km from TAP Project Area
CH-5	Mass.Copertini/Specchia De Giorgi I	Burial mounds	Burial mounds excavated in the 1940/Es. The Southernmost of the two structures is known as Specchia De Giorgi I. The grave goods recovered date back to the Proto-Appenninic B.	Bronze Age	Hight	270824,019	4466723,146					The site is located 4,1 Km from TAP Project Area
CH-6	Mass.Copertini/Specchia De Giorgi II	Burial mounds	Burial mounds excavated in the 1940/Es. The Southernmost of the two structures is known as Specchia De Giorgi II. The grave goods recovered date back to the Proto-Appenninic B.	Bronze Age	Hight	270769,755	4466474,506					The site is located 3,9 Km from TAP Project Area
CH-7	Loc. Tubbule	Burial mounds	Remains of structures which can be interpreted as being burial mounds is evidenced.	Bronze Age	Hight	271534,078	4465894,604					The site is located 3 Km from TAP Project Area
CH-8	Loc. Cisterne	Tomb	Remains of a dolmenic tomb is highlighted which was subject to excavation in the 1940/Es of which a pile of stones, which can be seen 30 metres West of the road, bears witness.	Bronze Age	Hight	271889,056	4466580,740					The site is located 3,5 Km from TAP Project Area
CH-9	Aia di Pietro Road	Menhir (disappeared)	Monolith in pietra leccese with rounded corners no longer exists and was located in the vicinity of Acquarica along the road connecting with Struda'.	Bronze Age	Low	271572,471	4465462,117					The site was located 2,7 Km from TAP Project Area

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CH-11	Loc. Conche/Madonna del Buon Consiglio	Tombs	Three cave tombs of the siculo type dating back to the eneolithic age were found. Pottery scatter, dating back to the Late Bronze Age, confirming the re-use of the burial area.	Eneolithic Age, Bronze Age	Hight	272848,348	4465431,575					The site was located 2,1 Km from TAP Project Area
CH-12	Specchia Petruse/Madonna del Buon Consiglio	Burial mounds	In an uncultivated land the ôSpecchia Petruseô is still visible and is referable to the numerous burial mounds indicated in the 1940/Es in the eastern part of the territory of Acquarica.	Bronze Age	Hight	272475,973	4465349,385					The site was located 2,1 Km from TAP Project Area
CH-13	Specchia Spacuseddu/Madonna del Buon Consiglio	Burial mounds	In an uncultivated land the ôSpecchia Spacusedduô is still visible and is referable to the numerous burial mounds indicated in the 1940/Es in the eastern part of the territory of Acquarica.	Bronze Age	Hight	272363,059	4465062,678					The site was located 1,9 Km from TAP Project Area
CH-14	Specchia Campisano/Loc. Coviello	Burial mounds (disappeared)	The specchia Campisano had been destroyed for some time. The Dragio digs in the 1940/Es found a stone grave, dating back to the Late Bronze Age.	Bronze Age	Low	272714,790	4465253,739					The site was located 2 Km from TAP Project Area
CH-15	Specchia Rinedda/Loc. Coviello	Burial mounds (disappeared)	The specchia Rinedda was dismantled in the 1990/Es during the course of agricultural works.	Bronze Age	Low	272587,145	4465094,192					The site was located 1,9 Km from TAP Project Area
CH-17	Specchia Lanzicedde/Loc. Furcedde	Burial mounds/Tombs	The specchia Lanzicedde is associated with another two graves, preserved in the nearby Fondo Furcedde, so Bernardini indicated the presence of four burial mounds.	Bronze Age	Hight	272914,289	4464441,193					The site was located 1,2 Km from TAP Project Area
CH-18	Loc. Coviello	Burial mounds (almost disappeared)	In Fondo Ficazzaro there are few visible remains of the two specchie discovered in the last century.	Bronze Age	Medium	272855,720	4463956,889					The site was located 0,7 Km from TAP Project Area
CH-21	Loc. S.Antonio	Tombs	Ditch tombs dating back to the Middle Ages is indicated in the suburb of Melenfugno	Middle Age	Medium	273277,686	4462187,744					The site was located 0,9 Km from TAP Project Area
CH-22	Gurgulante	Dolmen	The ôGurgulanteô dolmen consist of five pillars on which a quadrangular covering block was laid and there were another five slabs (currently three) which provided an external closure.	Bronze Age	Hight	272349,463	4461040,530					The site was located 0,9 Km from TAP Project Area

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CH-23	Colaresta	Dolmen (disappeared)	The ôColarestaö dolmen was dismantled at the beginning of the twentieth century.	Bronze Age	Low	271891,660	4460422,095					The site was located 1,3 Km from TAP Project Area
CH-24	Placa	Dolmen	The ôPlacaö dolmen consists of seven pillars on which there was a quadrangular covering slab with an inclined plane. The cover currently lies on three supporting slabs as the other elements, already originally of variable shapes and sizes, are broken.	Bronze Age	Hight	270995,500	4459713,061					The site was located 2,1 Km from TAP Project Area
CH-25	Carleo	Menhir (disappeared)	The ôSucarleiö menhir, discovered in 1959, have been destroyed.	Bronze Age	Low	276356,905	4463118,883					The site was located 0,6 Km from TAP Project Area
CH-26	S. Foca	Cultural Heritage Monument/Site	The earliest settlement refer to the Mesolithic station; at the end of the 3rd C. BC is known a fishermen's village. In the Middle Ages a rectangular building, around which some tombs were found. In XVIth century was built the watchtower.	Mesolithic Age, Hellenistic-Roman Age, Middle Age, Modern Age	Hight	279454,465	4464562,631					The site was located 1,4 Km from TAP Project Area
CH-28	Grotta Poesia	Cultural Heritage Monument/Site	The cave-sanctuary is characterised by inscriptions which show remains in Messapic, Greek and Latin languages, occupy the surfaced part of the cave. In the lower part, now submerged, the traces of graffiti and incisions from the prehistoric period,	Neolithic Age, Hellenistic-Roman Age	Hight	281497,719	4462657,915					The site was located 4,2 Km from TAP Project Area
CH-29	Loc. Marangi	Cultural Heritage Monument/Site	Series of small caves have been carved in the two sides which flank the depression. Only one of the parts of the small rupestal village has been preserved.	Middle Ages	Hight	279658,209	4462504,744					The site was located 3,2 Km from TAP Project Area
CH-30	San Cristoforo	Cultural Heritage Monument/Site	The cave-sanctuary is composed by a rectangular internal room with traces of a longtime stratification, linked to a votive deposit. There is a series of votive epigraphs (Greek, Latin, Byzantine).	Prehistoric Age, Pre-Roman Age, Roman Age, Middle Age	Hight	282107,807	4460769,919					The site was located 6 Km from TAP Project Area
CH-31	Torre dell'Orso	Cultural Heritage Monument/Site	At the foot of the coastal tower "Torre dell'EOorso" there is a rupestal village on three floors, consisting of a system of single caves. The rupestal settlement	Middle Ages	Hight	281574,077	4461407,643					The site was located 5,2 Km from TAP Project Area

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			can be connected to the community of fishermen.									
n/a	Specchia	Megalithic structure (undefined)		Unidentified	n/a	276622,588	4464548,407					To verify (nearby RoW)
n/a	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Low	276287,348	4463897,132			Monitoring from vibration related damages (IT0487) CONTRACTOR		To verify (in RoW)
n/a	Pagghiara	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	271835,268	4462112,821			Monitoring from vibration related damages (IT0487) CONTRACTOR		
n/a	Pagghiara	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	273712,990	4463127,414			Monitoring from vibration related damages (IT0487) CONTRACTOR		
n/a	Pagghiara	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	276432,056	4464260,724			Monitoring from vibration related damages (IT0487) CONTRACTOR		
n/a	Pagghiara	Landscape/Architectural evidence	Pagghiara affected by RoW and Pipeline construction	Modern Age, Contemporary Age	Low	277730,000	4465060,000			Dismantling and reconstruction (IT0867) CONTRACTOR with Authority engagment		
n/a	Pagghiara	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	273327,046	4463290,255			Monitoring from vibration related damages (IT0487) CONTRACTOR		
MAG WL1	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	271366,080	4461188,537			Monitoring from vibration related damages (IT0487) CONTRACTOR		
MAG WL2	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	271600,563	4461230,203			Monitoring from vibration		

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										related damages (IT0487) CONTRACTOR		
MAG WL3	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	272377,032	4462619,660			Monitoring from vibration related damages (IT0487) CONTRACTOR		
MAG WL4	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	274706,790	4462967,589			Monitoring from vibration related damages (IT0487) CONTRACTOR		
MAG WL5	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	276299,890	4463815,313			Monitoring from vibration related damages (IT0487) CONTRACTOR		
MAG WL7	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	276258,951	4463926,421			Monitoring from vibration related damages (IT0487) CONTRACTOR		
MAG WL8	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	276320,528	4464148,929			Monitoring from vibration related damages (IT0487) CONTRACTOR		
MAG WL9	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	276641,672	4464532,173			Monitoring from vibration related damages (IT0487) CONTRACTOR		
MDS WL3	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	273780,415	4462965,928			Monitoring from vibration related damages (IT0487) CONTRACTOR		
MDS WL4	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	274167,384	4462885,305			Monitoring from vibration related damages (IT0487) CONTRACTOR		
MDS WL5	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	274691,158	4462971,279			Monitoring from vibration		

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										related damages (IT0487) CONTRACTOR		
MDS WL6	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	276291,155	4463747,571			Monitoring from vibration related damages (IT0487) CONTRACTOR		
MDS WL7	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	276342,425	4463775,048			Monitoring from vibration related damages (IT0487) CONTRACTOR		
MDS WL8	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	276816,186	4464647,885			Monitoring from vibration related damages (IT0487) CONTRACTOR		
MDS WL9	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	276842,185	4464658,225			Monitoring from vibration related damages (IT0487) CONTRACTOR		
MRU WL1	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	277544,362	4465098,433			Monitoring from vibration related damages (IT0487) CONTRACTOR		
MRU WL2	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	274704,085	4462973,892			Monitoring from vibration related damages (IT0487) CONTRACTOR		
MRU WL3	Well	Landscape/Architectural evidence		Modern Age, Contemporary Age	Medium	275145,716	4463070,801			Monitoring from vibration related damages (IT0487) CONTRACTOR		
n/a	Well	Landscape/Architectural evidence	Pagghiara, well, and warehouse tools	Modern Age, Contemporary Age	Medium	276845,654	4464646,122			Monitoring from vibration related damages (IT0487) CONTRACTOR		
n/a	Well	Landscape/Architectural evidence	Well and worehouse tools inter-fected by RoW construction	Modern Age, Contemporary Age	Medium	276428,825	4464160,155			Engage Author-ities		

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n/a	Grotta P. E. Stasi	Cave		Unidentified	n/a	272564,546	4462045,725					
n/a	Menhir Croce	Menhir		Bronze Age	Hight	267263,401	4462621,344					
n/a	Menhir Luce	Menhir		Bronze Age	Hight	266739,183	4461844,418					
n/a	Cave Church of Santa Lucia	Cultural Heritage Monument/Site		Middle Age	Hight	264537,116	4463310,950					
n/a	Masseria Coviello	Landscape/Architectural evidence	Fortified farm dating back to the modern age	Middle Age	Medium	272821,853	4464607,626					
n/a	Masseria Badarao	Landscape/Architectural evidence	Fortified farm dating back to the modern age	Middle Age	Medium	268456,220	4466109,140					
n/a	Masseria Ciccarelli	Landscape/Architectural evidence	Fortified farm dating back to the modern age	Middle Age	Medium	269997,421	4464944,971					
AR-2	Archaeological Risk Sector 2	Pottery scatter/Wall structure	Presence of outcropping section of a masonry structure has been found. It consists of two rows of square hewn tuff stones. Some elliptical roof tiles and fragments from a modern imitation Messapic pottery	Unidentified	Medium	276755,894	4464641,084		Pre-construction survey (CONTRACTOR)	Archaeological monitoring of construction activities (IT0787) - Possible Chance Find. CONTRACTOR		To verify (in RoW)
n/a	Pagghiara	Landscape/Architectural evidence	Pagghiara in the PRT area	Modern Age, Contemporary Age	Hight	271571,570	4461927,965			Monitoring from vibration related damages (IT0487) CONTRACTOR		
n/a	Loc. Masseria Nuova	Pottery scatter (Source LABTAF UniSalento)	A few pottery fragments were found during a survey of the field	Unidentified	Low	277779,298	4465871,834					
n/a	Loc. Cassano	Artifact scatter (Source LABTAF UniSalento)	Sporadic lithic	Prehistoric Age, Proto-historic Age	Medium	277085,559	4465477,340					

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n/a	Loc. Cassano	Single evidence (Source LABTAF UniSalento)	Underground rooms (silos)	Unidentified	Medium	276910,934	4465364,627					
n/a	Loc. Cassano	Pottery scatter (Source LABTAF UniSalento)	The pottery concentration is apparently interpreted as a Roman villa, dating from the first century. B.C. and sixth centuries. A.D. and likely occupation between the fourteenth and fifteenth century. A.D.	Roman Age, Middle Age	Hight	277377,660	4464937,589		Pre-construction survey (CONTRACTOR)	Archaeological monitoring of construction activities (IT0787) - Possible Chance Find. CONTRACTOR		To verify (in RoW)
n/a	Loc. Cassano	Pottery/Artifact scatt (Source LABTAF UniSalento)	Probable prehistoric site; occupation dating from the second century. B.C. until the Middle Ages	Prehistoric Age, Hellenistic Age, Roman Age, Middle Age	Medium	277214,147	4464997,914		Pre-construction survey (CONTRACTOR)	Archaeological monitoring of construction activities (IT0787) - Possible Chance Find. CONTRACTOR		To verify (in RoW)
n/a	Masseria Monaco	Artifact scatter (Source LABTAF UniSalento)	Sporadic blocks	Unidentified	Low	275337,321	4463336,592		Pre-construction survey (CONTRACTOR)	Archaeological monitoring of construction activities (IT0787) - Possible Chance Find. CONTRACTOR		To verify (in RoW)
n/a	Loc. Mascenzio	Pottery/Artifact scatt (Source LABTAF UniSalento)	Sporadic bloks and pottey fragments	Middle Age, Modern Age	Low	274755,237	4463213,560		Trial Trenches (operational link to IT0791) COMPANY			
n/a	Loc. Casa Fanfula	Pottery scatter (Source LABTAF UniSalento)	Pottery scatter dating early medieval age	Middle Age	Medium	274785,664	4462870,924					
n/a	Loc. Casa Fanfula	Pottery scatter (Source LABTAF UniSalento)	Settlement area in prehistoric times; agricultural settlement dating between III BC and the imperial age (cistern was found); probable occupation of the area in the Middle Ages;	Proto-historic Age, Roman Age, Middle Age	Hight	274603,895	4462566,123					
n/a	Loc. S. Niceta	Pottery scatter (Source LABTAF UniSalento)	Sporadic frequentation dating to the proto-historic age and to the post medieval period	Proto-historic Age, Middle Age	Medium	273964,660	4462697,357					

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CH CODE	NAME	TYPE	DESCRIPTION	PERIOD	IMPORTANCE	X	Y	ACTION PHASE 1	ACTION PHASE 2	ACTION PHASE 3	ACTION PHASE 4	NOTES
n/a	Loc. Monaco	Pottery/Artifact scatt (Source LABTAF UniSalento)	They are found reused blocks within an enclosure. Immediately to the east they were found some fragments of pottery dating to the post-Medieval period	Modern Age	Low	274118,384	4463420,200					
n/a	Loc. Lizza	Pottery/Artifact scatt (Source LABTAF UniSalento)	Occupation dates back to the late ancient and medieval times	Late Roman Age, Middle Age	Hight	273462,216	4463252,189		Pre-construction survey (CONTRACTOR)	Archaeological monitoring of construction activities (IT0787) - Possible Chance Find. CONTRACTOR		To verify (in RoW)
n/a	Off-Shore CH	Pottery scatter (Puglia CH Map)	Fragments of amphorae generally dated to Roman times	Roman Age	Medium	280266,611	4465621,663		Pre-construction survey (CONTRACTOR)	Archaeological monitoring of construction activities (IT0787) CONTRACTOR		
n/a	Off-Shore CH	Single evidence (Puglia CH Map)	Amphora Otranto type	Late Roman Age, Middle Age	Low	280401,549	4464716,787					
n/a	Off-Shore CH	Pottery scatter (Puglia CH Map)	Numerous amphorae of different types and chronologies	Pre-Roman Age, Roman Age	Medium	280949,238	4468497,690		Pre-construction survey (CONTRACTOR)	Archaeological monitoring of construction activities (IT0787) CONTRACTOR		
n/a	Off-Shore CH	Pottery scatter (Puglia CH Map)	Fragments of a amphora dated to Roman times	Roman Age	Medium	278713,504	4469026,858					
n/a	Off-Shore CH	Pottery scatter (Puglia CH Map)	Amphoraedating back to the pre-roman age	Pre-Roman Age	Medium	277514,939	4468979,233					

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APPENDIX 2 - Chance Find Report (Format)

Please complete this form in the event of a chance find of a suspected burial/grave/tomb, building foundations, archaeological finds, scatter or an isolated find of a single artefact (e.g. stone, tool, pottery, bone, artefact). THIS FORM IS FOR SITE MANAGEMENT PURPOSES AND DOES NOT REPLACE ARCHAEOLOGICAL RECORDING		
Date of discovery:		Time:
Name of discoverer/team:		Tel No.: Email:
GPS coordinates WGS 1984 UTM Zone 34N:		
Description of archaeological discovery (chance finds) and context:		
Archaeological potential (significance of discovery):		
Feasibility to move the discovery (in case of movable finds):		
Observed/Estimated weight:		Dimensions (width, height, thickness, weight (for movable finds):
Artefacts pottery, stone material, other):		
Topographic framework of chance finds (maps):		
Drawing of chance finds (plans, orthophoto, front-plan):		
Photos of chance finds:		
Recommendation of how to proceed (side archaeological investigations / side project)		
Estimated time needed to conduct excavation of discovery:		
Temporary protection implemented:		
Name:	Signature:	Date:
Received by Construction (TAP CHA/CHE):	Signature:	Date:
Notes:		
Attachments:		
If you need more room to draw or describe the discovery area/finds, please use another page linking to this report (CF Report No. ...). Please return this form to the Supervising Engineer and/or to the Site Construction Manager as soon as possible. Thank you for your cooperation.		