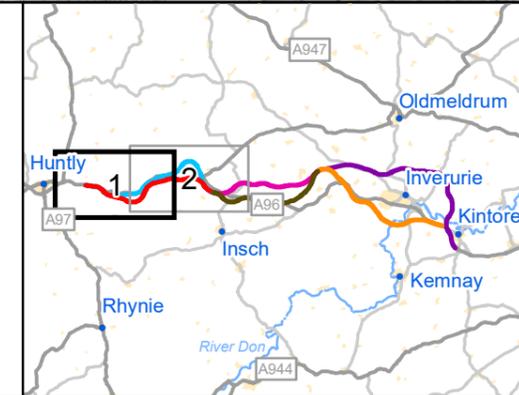




Route Option	Groundwater	Geology
Cyan	Well, Pump or Spring	Geological and/or Geomorphological SSSI
Adjoining	Private Water Supply (Groundwater source)	Geological and/or Geomorphological LNCS
50m Buffer Area	Private Water Supply (Unknown source)	Safeguarded Mineral Area
850m Buffer Area	CAR Licence Abstraction (Groundwater source)	Soils
	Watercourse	Peat (BGS)
	Contaminated Land	Peat or Peaty Soil (JHI)
	Contaminated Land Source (with ID)	Land Capability for Agriculture (LCA) Class - 2
	Infilled Ground	Land Capability for Agriculture (LCA) Class - 3.1
	Made Ground	
	Worked Ground	
	Registered Landfill Site	
	Potential Sources of Contamination	



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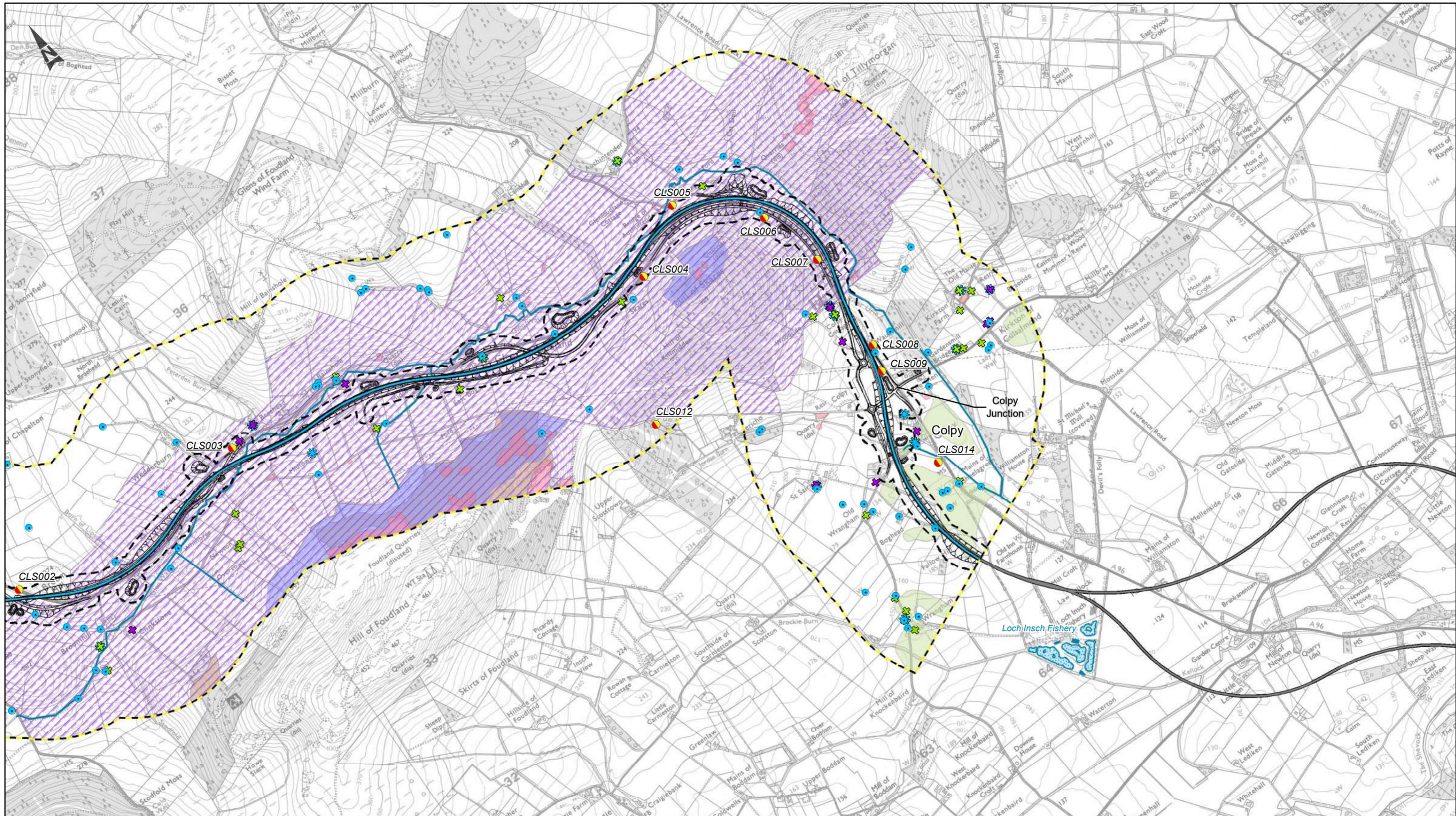
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Revision	Created	Checked	Reviewed	Approved	Authorised

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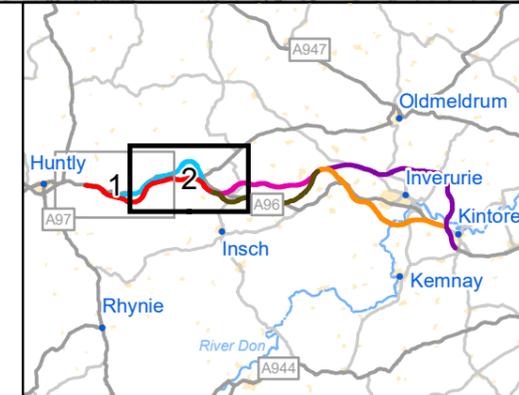
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Project Name			
A96 Dualling East of Huntly to Aberdeen			
Map Title			
Figure 19.1			
Geology, Soils, Contaminated Land and Groundwater			
Cyan Route Option - Sheet 1 of 2			
Map Number	Project	Originator	Volume
A96PEA	-	AMAR	-
SWI	-	MP	LX
Location	-	Type	Role
			Number
Suitability	Suitability Description		Revision
A	Approved for Stage Complete		C01



Route Option Cyan Adjoining 50m Buffer Area 850m Buffer Area	Groundwater Well, Pump or Spring Private Water Supply (Groundwater source) Private Water Supply (Unknown source) CAR Licence Abstraction (Groundwater source) Watercourse Contaminated Land Contaminated Land Source (with ID) Infilled Ground Made Ground Worked Ground Registered Landfill Site Potential Sources of Contamination	Geology Geological and/or Geomorphological SSSI Geological and/or Geomorphological LNCS Safeguarded Mineral Area Soils Peat (BGS) Peat or Peaty Soil (JHI) Land Capability for Agriculture (LCA) Class - 2 Land Capability for Agriculture (LCA) Class - 3.1
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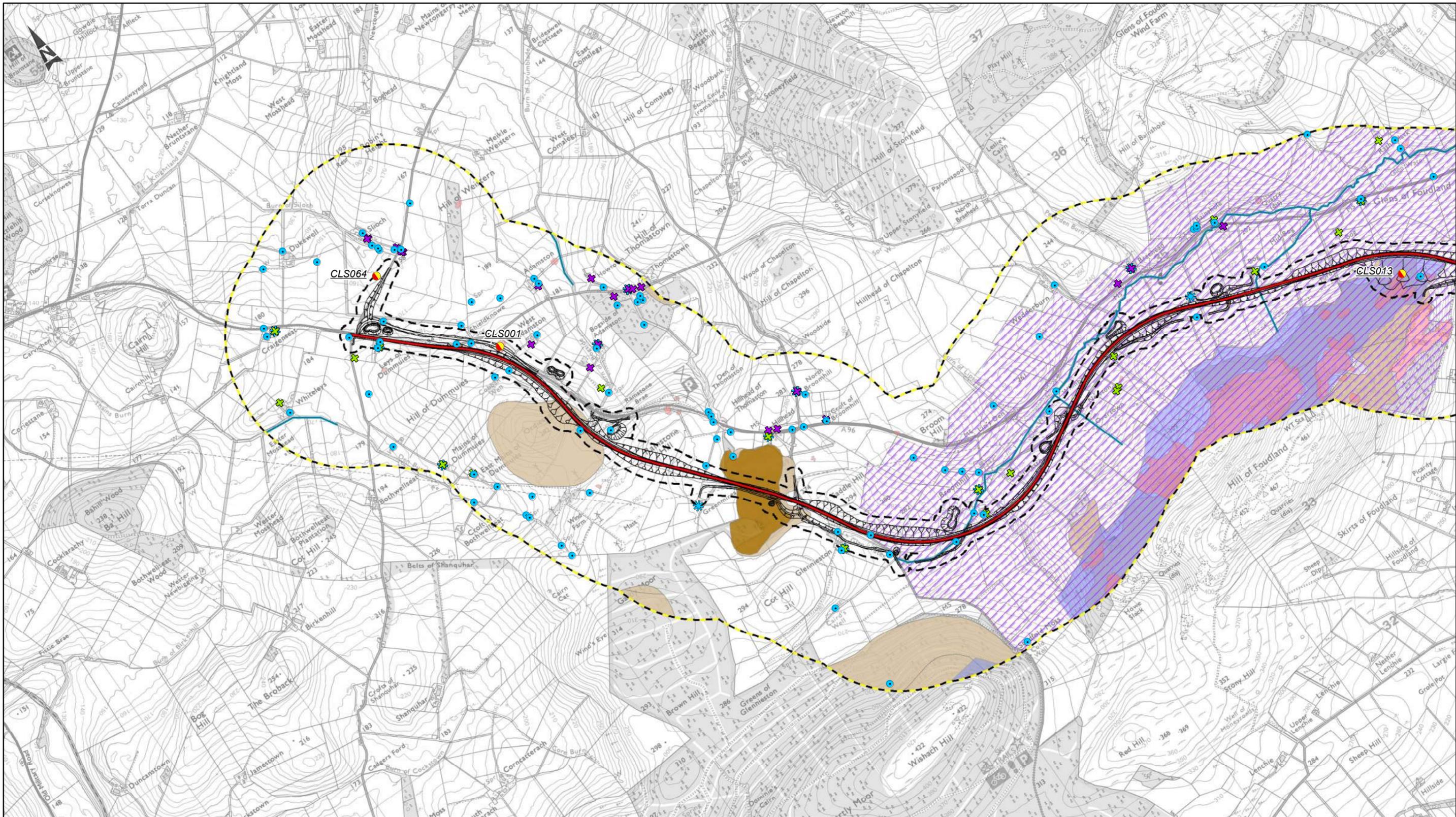


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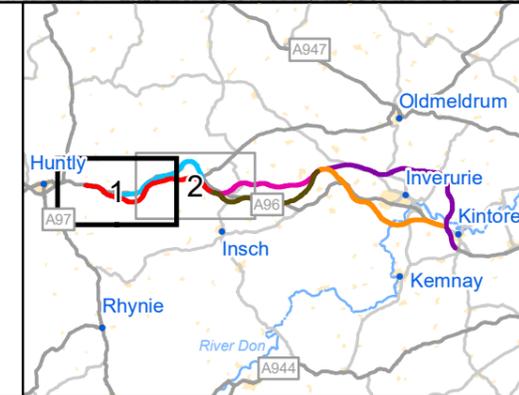
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Project Name A96 Dualling East of Huntly to Aberdeen			
Map Title Figure 19.2 Geology, Soils, Contaminated Land and Groundwater Cyan Route Option - Sheet 2 of 2			
Map Number Project A96PEA	Originator AMAR	Volume EGN	
SWI	-	MP - LX - 000015	
Location	Type	Role	Number
Suitability A	Suitability Description Approved for Stage Complete		Revision C01



Route Option	Groundwater	Geology
Red	Well, Pump or Spring	Geological and/or Geomorphological SSSI
Adjoining	Private Water Supply (Groundwater source)	Geological and/or Geomorphological LNCS
50m Buffer Area	Private Water Supply (Unknown source)	Safeguarded Mineral Area
850m Buffer Area	CAR Licence Abstraction (Groundwater source)	Soils
	Watercourse	Peat (BGS)
	Contaminated Land	Peat or Peaty Soil (JHI)
	Contaminated Land Source (with ID)	Land Capability for Agriculture (LCA) Class - 2
	Infilled Ground	Land Capability for Agriculture (LCA) Class - 3.1
	Made Ground	
	Worked Ground	
	Registered Landfill Site	
	Potential Sources of Contamination	



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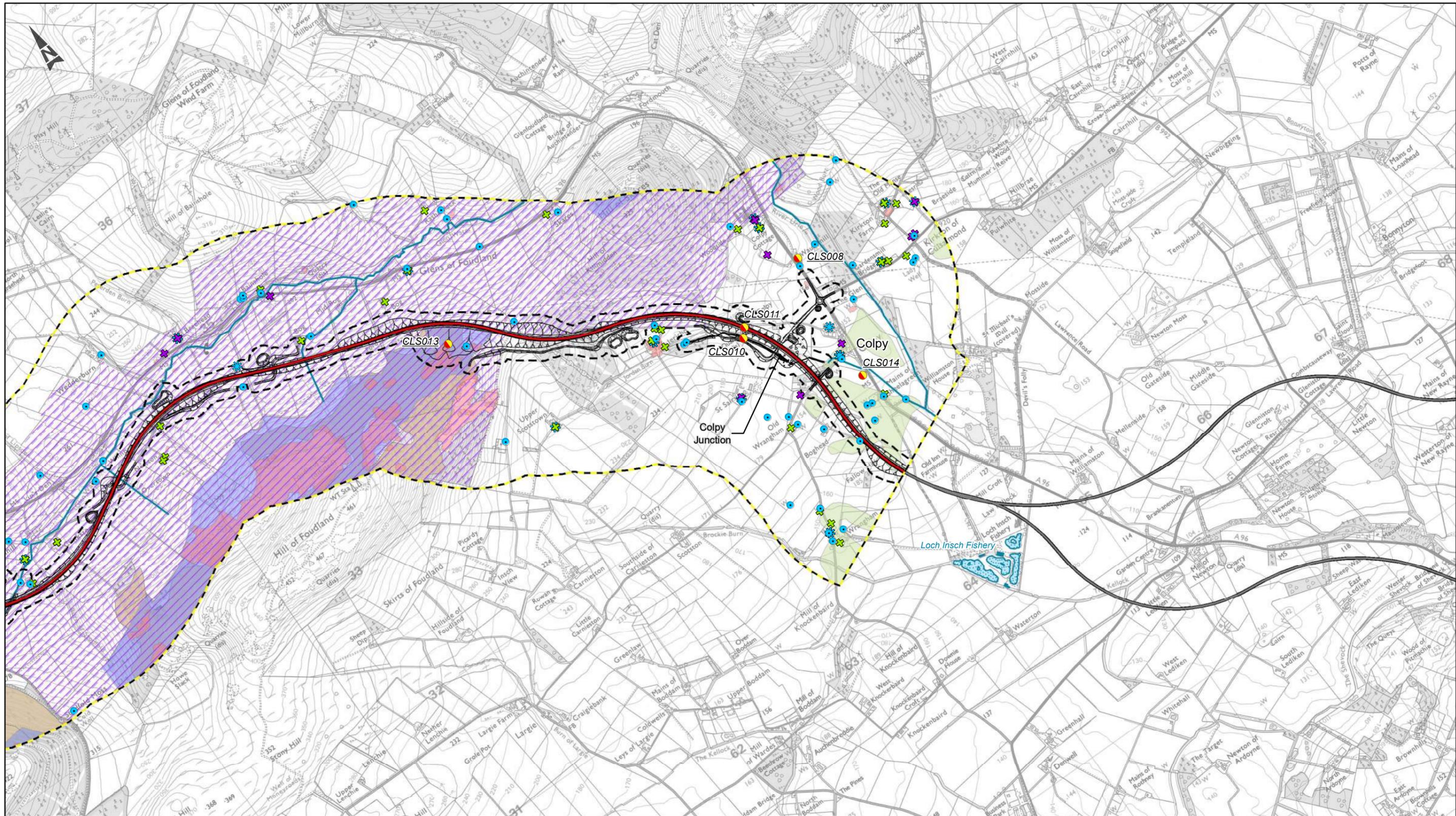
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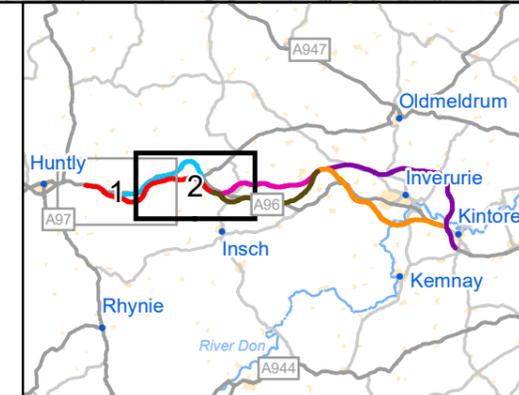
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Project Name			
A96 Dualling East of Huntly to Aberdeen			
Map Title			
Figure 19.3			
Geology, Soils, Contaminated Land and Groundwater			
Red Route Option - Sheet 1 of 2			
Map Number	Project	Originator	Volume
A96PEA	-	AMAR	- EGN
SWI	-	MP - LX	- 000016
Location	-	Type	Role Number
Suitability	Suitability Description		Revision
A	Approved for Stage Complete		C01



Route Option	Groundwater	Geology
Red	Well, Pump or Spring	Geological and/or Geomorphological SSSI
Adjoining	Private Water Supply (Groundwater source)	Geological and/or Geomorphological LNCSS
50m Buffer Area	Private Water Supply (Unknown source)	Safeguarded Mineral Area
850m Buffer Area	CAR Licence Abstraction (Groundwater source)	Soils
	Watercourse	Peat (BGS)
	Contaminated Land	Peat or Peaty Soil (JHI)
	Contaminated Land Source (with ID)	Land Capability for Agriculture (LCA) Class - 2
	Infilled Ground	Land Capability for Agriculture (LCA) Class - 3.1
	Made Ground	
	Worked Ground	
	Registered Landfill Site	
	Potential Sources of Contamination	



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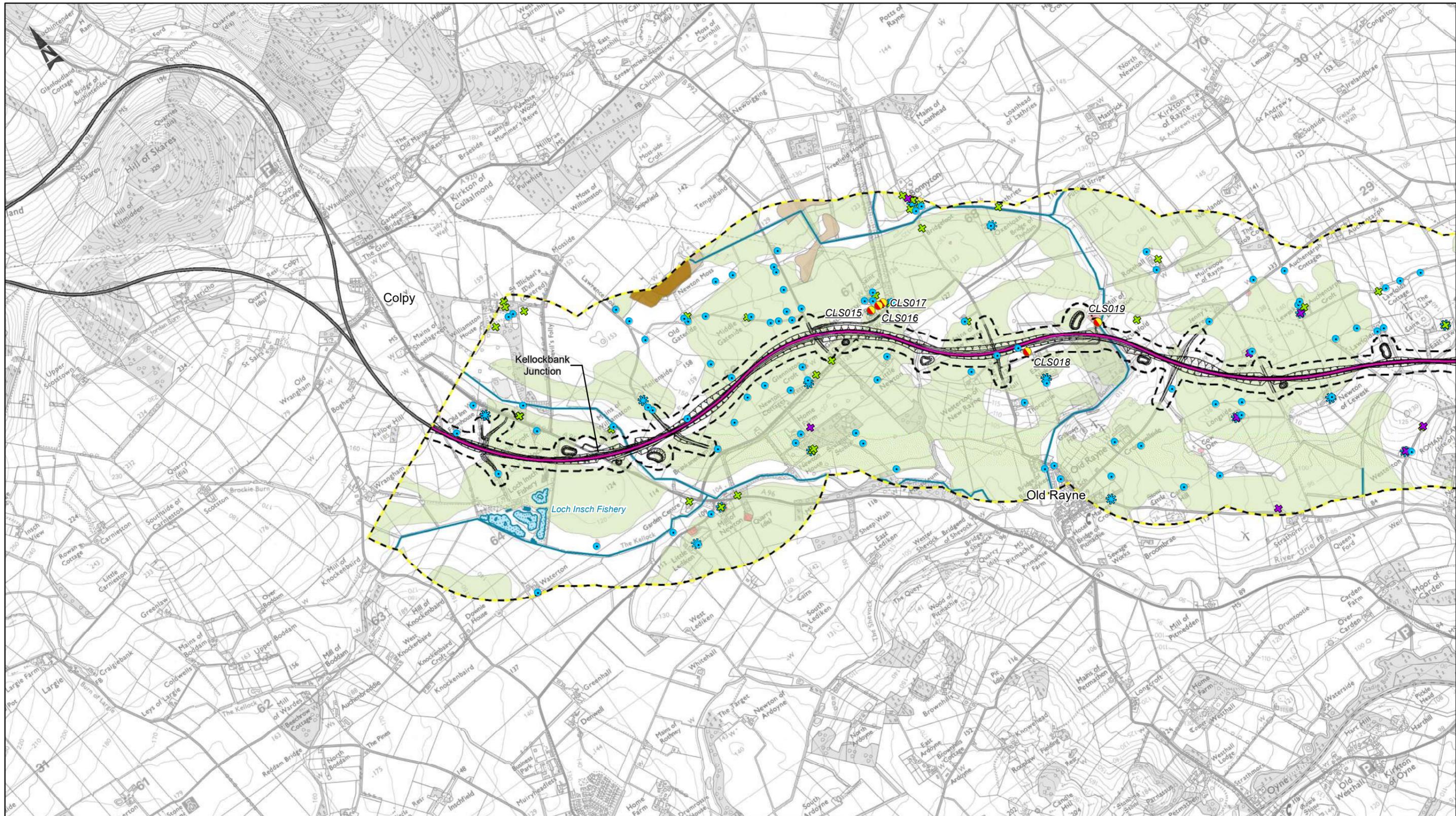
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Revision	Created	Checked	Reviewed	Approved	Authorised	

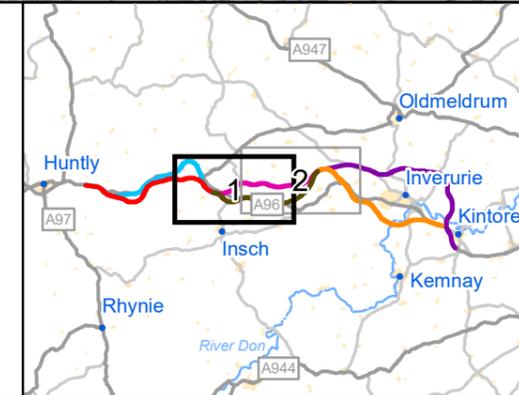
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Project Name A96 Dualling East of Huntly to Aberdeen			
Map Title Figure 19.4 Geology, Soils, Contaminated Land and Groundwater Red Route Option - Sheet 2 of 2			
Map Number Project A96PEA	Originator AMAR	Volume EGN	
SWI Location	MP Type	LX Role	000017 Number
Suitability A	Suitability Description Approved for Stage Complete		Revision C01



Route Option	Groundwater	Geology
Pink	Well, Pump or Spring	Geological and/or Geomorphological SSSI
Adjoining	Private Water Supply (Groundwater source)	Geological and/or Geomorphological LNCS
50m Buffer Area	Private Water Supply (Unknown source)	Safeguarded Mineral Area
850m Buffer Area	CAR Licence Abstraction (Groundwater source)	Soils
Watercourse	Contaminated Land Source (with ID)	Peat (BGS)
Contaminated Land	Infilled Ground	Peat or Peaty Soil (JHI)
Made Ground	Worked Ground	Land Capability for Agriculture (LCA) Class - 2
Registered Landfill Site	Potential Sources of Contamination	Land Capability for Agriculture (LCA) Class - 3.1



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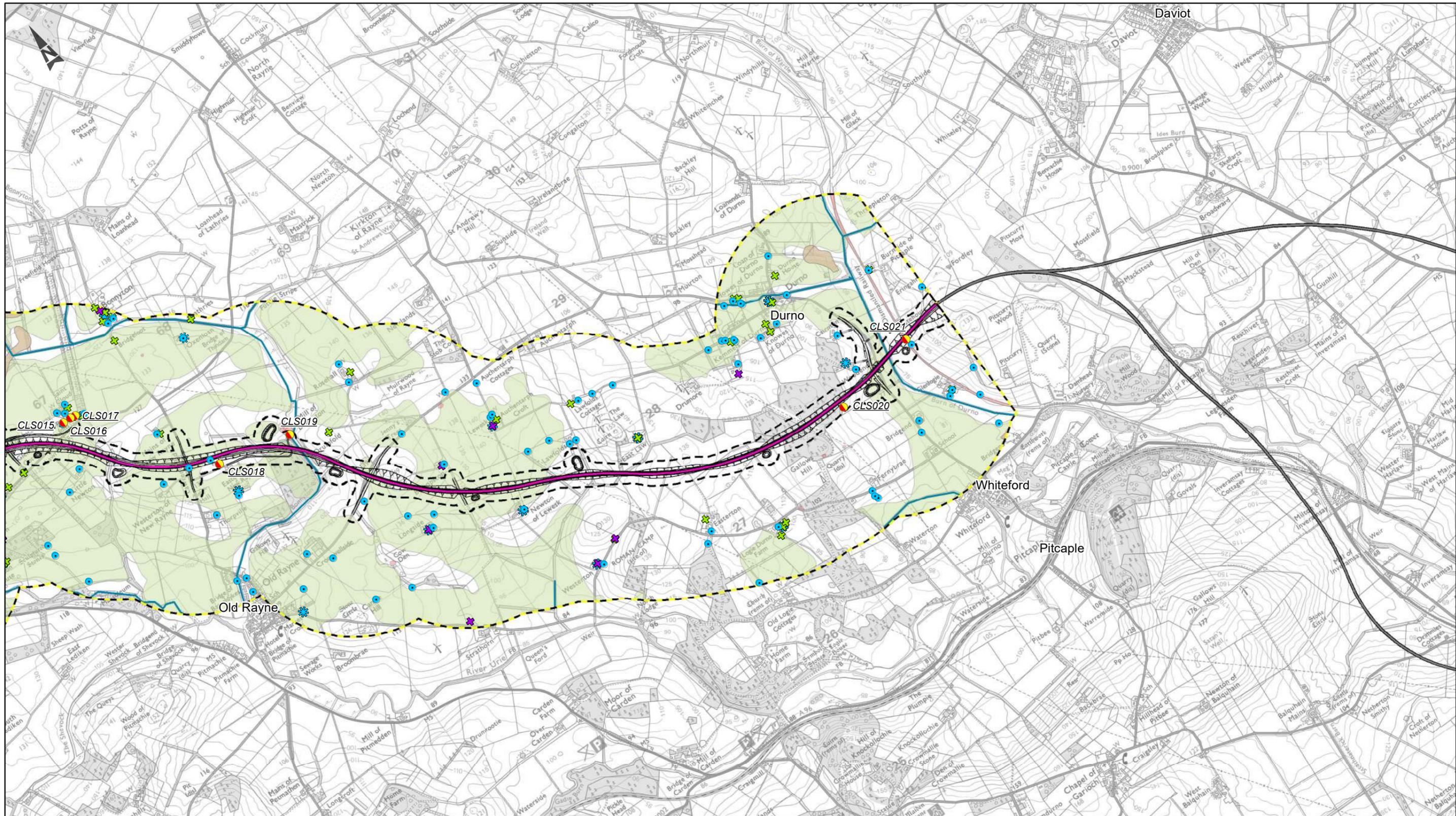
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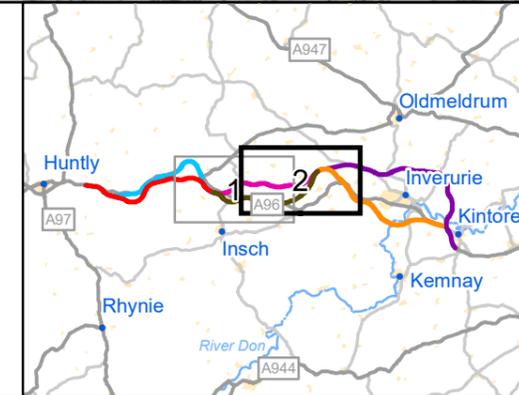
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Project Name A96 Dualling East of Huntly to Aberdeen			
Map Title Figure 19.5 Geology, Soils, Contaminated Land and Groundwater			
Pink Route Option - Sheet 1 of 2			
Map Number Project A96PEA	Originator - AMAR	Volume - EGN	
SWI Location	- Type	MP - LX - 000018 Role	Number
Suitability A	Suitability Description Approved for Stage Complete		Revision C01



Route Option	Groundwater	Geology
Pink	Well, Pump or Spring	Geological and/or Geomorphological SSSI
Adjoining	Private Water Supply (Groundwater source)	Geological and/or Geomorphological LNCS
50m Buffer Area	Private Water Supply (Unknown source)	Safeguarded Mineral Area
850m Buffer Area	CAR Licence Abstraction (Groundwater source)	Soils
	Watercourse	Peat (BGS)
	Contaminated Land	Peat or Peaty Soil (JHI)
	Contaminated Land Source (with ID)	Land Capability for Agriculture (LCA) Class - 2
	Infilled Ground	Land Capability for Agriculture (LCA) Class - 3.1
	Made Ground	
	Worked Ground	
	Registered Landfill Site	
	Potential Sources of Contamination	



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Revision	Created	Checked	Reviewed	Approved	Authorised	

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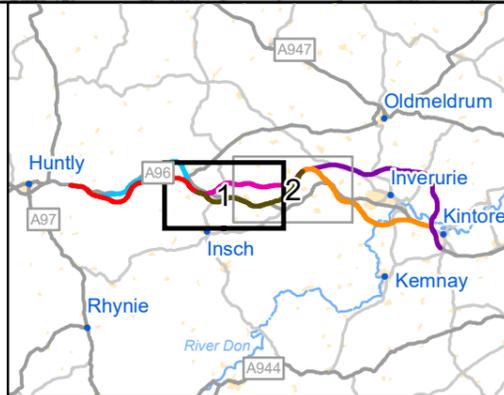
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Project Name A96 Dualling East of Huntly to Aberdeen			
Map Title Figure 19.6			
Geology, Soils, Contaminated Land and Groundwater			
Pink Route Option - Sheet 2 of 2			
Map Number	Project	Originator	Volume
A96PEA	-	AMAR	- EGN
SWI	-	MP	- LX - 000019
Location	-	Type	Role Number
Suitability	Suitability Description		Revision
A	Approved for Stage Complete		C01



Route Option	Groundwater	Geology
<ul style="list-style-type: none"> Brown line: Route Option Black line: Adjoining Dashed line: 50m Buffer Area Yellow dashed line: 850m Buffer Area 	<ul style="list-style-type: none"> Blue circle: Well, Pump or Spring Purple cross: Private Water Supply (Groundwater source) Green cross: Private Water Supply (Unknown source) Blue star: CAR Licence Abstraction (Groundwater source) Blue line: Watercourse 	<ul style="list-style-type: none"> Blue hatched: Geological and/or Geomorphological SSSI Purple hatched: Geological and/or Geomorphological LNCS Light blue: Safeguarded Mineral Area
Contaminated Land		Soils
<ul style="list-style-type: none"> Red circle: Contaminated Land Source (with ID) Red hatched: Infilled Ground Red diagonal hatched: Made Ground Red horizontal hatched: Worked Ground Black hatched: Registered Landfill Site Pink: Potential Sources of Contamination 		<ul style="list-style-type: none"> Brown: Peat (BGS) Light brown: Peat or Peaty Soil (JHI) Yellow: Land Capability for Agriculture (LCA) Class - 2 Light green: Land Capability for Agriculture (LCA) Class - 3.1



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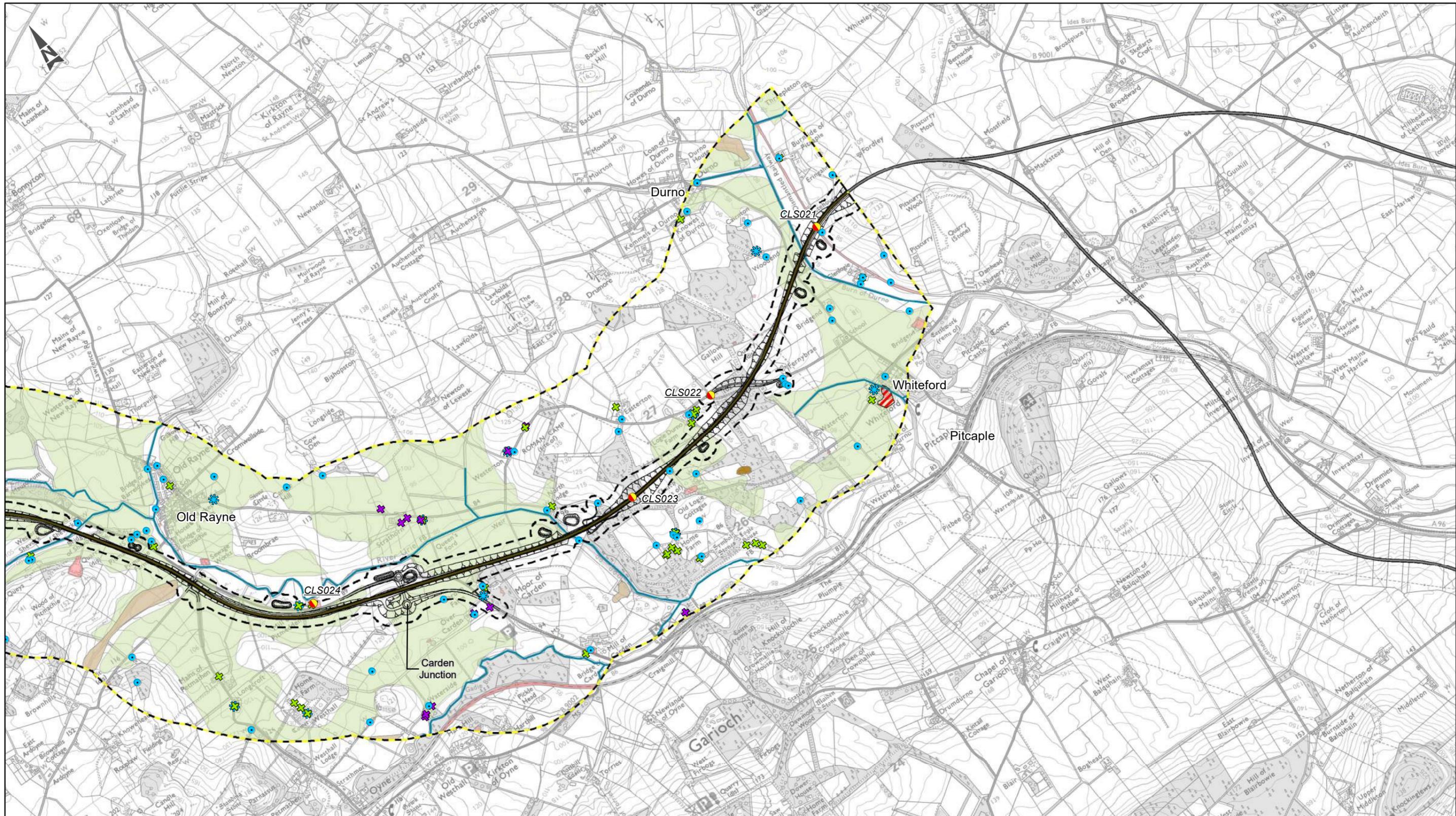
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Revision	Created	Checked	Reviewed	Approved	Authorised

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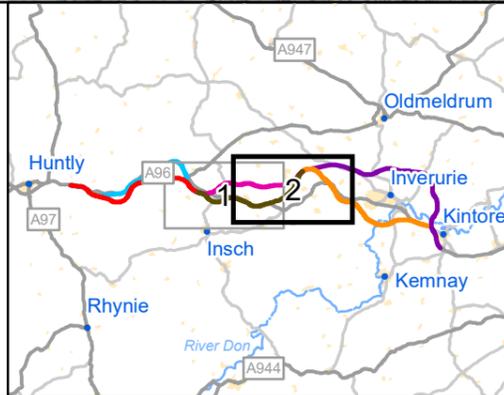
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Project Name			
A96 Dualling East of Huntly to Aberdeen			
Map Title			
Figure 19.7			
Geology, Soils, Contaminated Land and Groundwater			
Brown Route Option - Sheet 1 of 2			
Map Number	Project	Originator	Volume
A96PEA	-	AMAR	- EGN
SWI	-	MP	- LX
Location	-	Type	Role
			Number
Suitability	Suitability Description		Revision
A	Approved for Stage Complete		C01



Route Option	Groundwater	Geology
Brown	Well, Pump or Spring	Geological and/or Geomorphological SSSI
Adjoining	Private Water Supply (Groundwater source)	Geological and/or Geomorphological LNCS
50m Buffer Area	Private Water Supply (Unknown source)	Safeguarded Mineral Area
850m Buffer Area	CAR Licence Abstraction (Groundwater source)	Soils
	Watercourse	Peat (BGS)
	Contaminated Land	Peat or Peaty Soil (JHI)
	Contaminated Land Source (with ID)	Land Capability for Agriculture (LCA) Class - 2
	Infilled Ground	Land Capability for Agriculture (LCA) Class - 3.1
	Made Ground	
	Worked Ground	
	Registered Landfill Site	
	Potential Sources of Contamination	



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C01	First Issue				
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Revision	Created	Checked	Reviewed	Approved	Authorised

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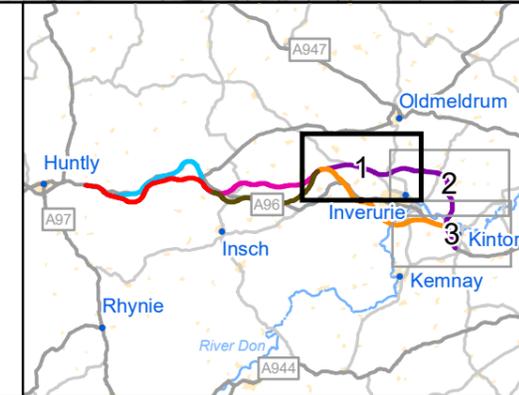
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Project Name			
A96 Dualling East of Huntly to Aberdeen			
Map Title			
Figure 19.8			
Geology, Soils, Contaminated Land and Groundwater			
Brown Route Option - Sheet 2 of 2			
Map Number	Project	Originator	Volume
A96PEA	-	AMAR	- EGN
SWI	-	MP	- LX
Location	-	Type	Role
			Number
Suitability	Suitability Description		Revision
A	Approved for Stage Complete		C01



Route Option Violet Adjoining 50m Buffer Area 850m Buffer Area	Groundwater Well, Pump or Spring Private Water Supply (Groundwater source) Private Water Supply (Unknown source) CAR Licence Abstraction (Groundwater source) Watercourse Contaminated Land Contaminated Land Source (with ID) Infilled Ground Made Ground Worked Ground Registered Landfill Site Potential Sources of Contamination	Geology Geological and/or Geomorphological SSSI Geological and/or Geomorphological LNCS Safeguarded Mineral Area Soils Peat (BGS) Peat or Peaty Soil (JHI) Land Capability for Agriculture (LCA) Class - 2 Land Capability for Agriculture (LCA) Class - 3.1
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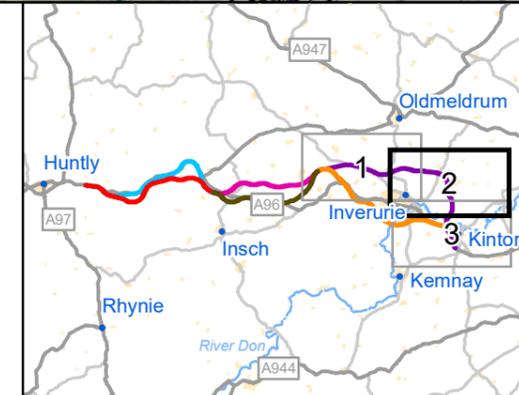
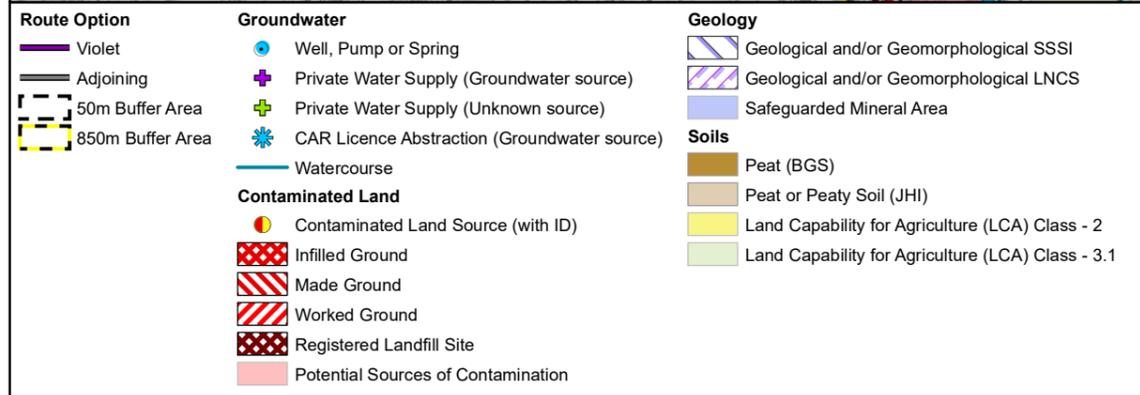
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Revision	Created	Checked	Reviewed	Approved	Authorised	

Scale @ A3: 1:25,000 | Project Ref. No. A96PEA | Stage: Stage 2

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Project Name A96 Dualling East of Huntly to Aberdeen			
Map Title Figure 19.9 Geology, Soils, Contaminated Land and Groundwater Violet Route Option - Sheet 1 of 3			
Map Number Project A96PEA	Originator AMAR	Volume EGN	
SWI	-	MP - LX - 000022	
Location	Type	Role	Number
Suitability A	Description Approved for Stage Complete		Revision C01

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C01	First Issue				
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Revision	Created	Checked	Reviewed	Approved	Authorised
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Scale @ A3: 1:25,000 | Project Ref. No. A96PEA | Stage: Stage 2
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Project Name			
A96 Dualling East of Huntly to Aberdeen			
Map Title			
Figure 19.10			
Geology, Soils, Contaminated Land and Groundwater			
Violet Route Option - Sheet 2 of 3			
Map Number	Project	Originator	Volume
A96PEA	-	AMAR	- EGN
SWI	-	MP	- LX - 000023
Location	-	Type	Role Number
Suitability	Suitability Description		Revision
A	Approved for Stage Complete		C01



Route Option

- Violet
- Adjoining
- 50m Buffer Area
- 850m Buffer Area

Groundwater

- Well, Pump or Spring
- Private Water Supply (Groundwater source)
- Private Water Supply (Unknown source)
- CAR Licence Abstraction (Groundwater source)
- Watercourse

Contaminated Land

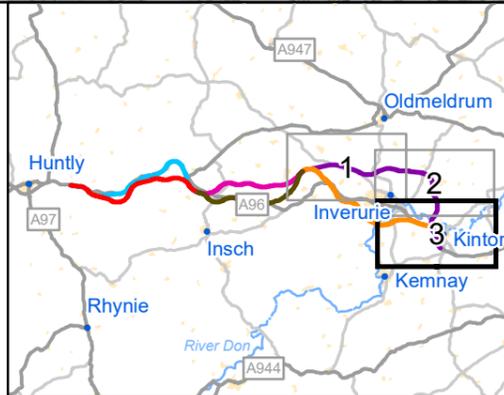
- Contaminated Land Source (with ID)
- Infilled Ground
- Made Ground
- Worked Ground
- Registered Landfill Site
- Potential Sources of Contamination

Geology

- Geological and/or Geomorphological SSSI
- Geological and/or Geomorphological LNCS
- Safeguarded Mineral Area

Soils

- Peat (BGS)
- Peat or Peaty Soil (JHI)
- Land Capability for Agriculture (LCA) Class - 2
- Land Capability for Agriculture (LCA) Class - 3.1



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Revision	Created	Checked	Reviewed	Approved	Authorised

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Project Name
A96 Dualling East of Huntly to Aberdeen

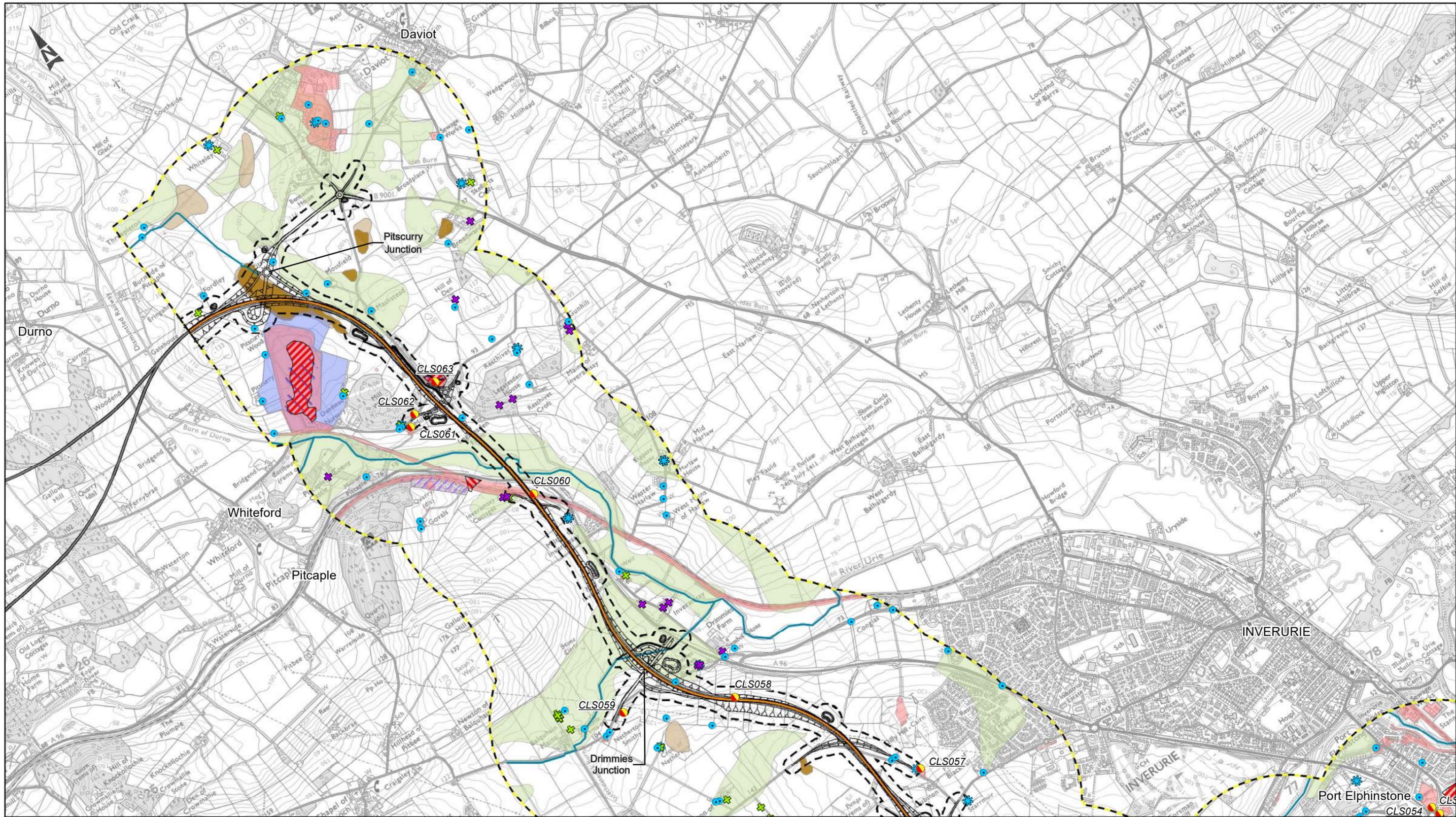
Map Title
Figure 19.11

Geology, Soils, Contaminated Land and Groundwater

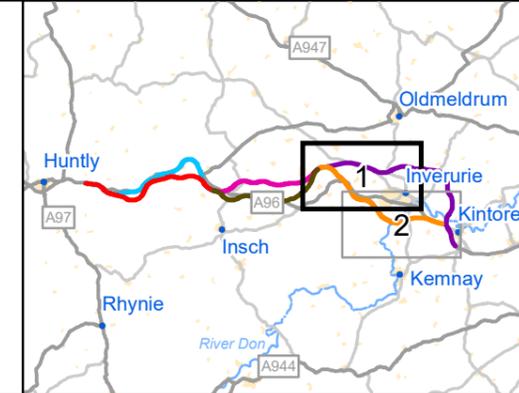
Violet Route Option - Sheet 3 of 3

Map Number	Project	Originator	Volume
A96PEA	-	AMAR	-
SWI	-	MP	-
Location	-	Type	Role
			Number

Suitability: **A** | Suitability Description: **Approved for Stage Complete** | Revision: **C01**



Route Option	Groundwater	Geology
Orange line	Well, Pump or Spring	Geological and/or Geomorphological SSSI
Black line	Private Water Supply (Groundwater source)	Geological and/or Geomorphological LNCS
Dashed line	Private Water Supply (Unknown source)	Safeguarded Mineral Area
Yellow dashed line	CAR Licence Abstraction (Groundwater source)	Soils
Blue dashed line	Watercourse	Peat (BGS)
Contaminated Land		Peat or Peaty Soil (JHI)
Red hatched box		Land Capability for Agriculture (LCA) Class - 2
Red diagonal hatched box		Land Capability for Agriculture (LCA) Class - 3.1
Red horizontal hatched box		
Black hatched box		
Red square		



C01	First Issue	LPAG	MMAT	ALOW	FMAX	NHAC
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Revision	Created	Checked	Reviewed	Approved	Authorised	

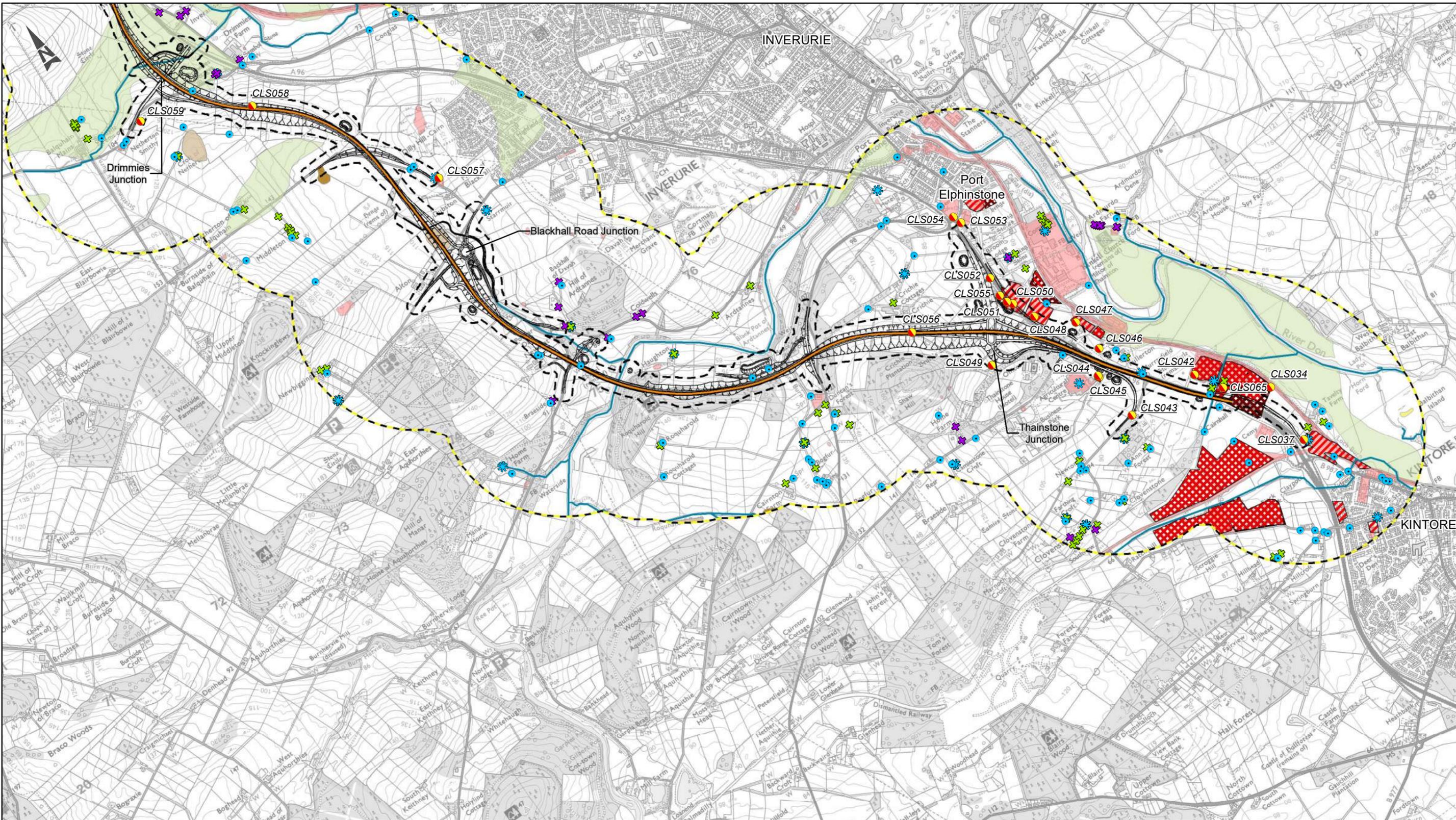
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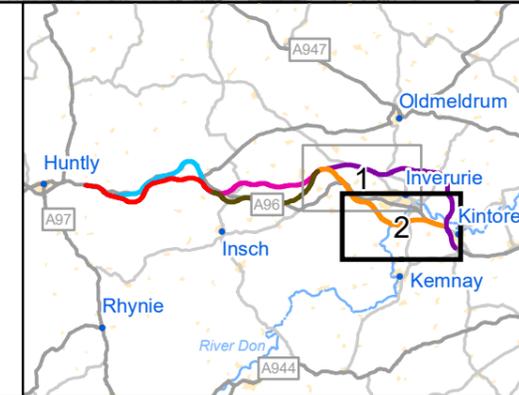
Project Name
A96 Dualling East of Huntly to Aberdeen

Map Title
Figure 19.12
Geology, Soils, Contaminated Land and Groundwater
Orange Route Option - Sheet 1 of 2

Map Number	Project	Originator	Volume
A96PEA	-	AMAR	- EGN
SWI	-	MP	- LX
Location	-	Type	Role
			Number
Suitability	Suitability Description		Revision
A	Approved for Stage Complete		C01



Route Option	Groundwater	Geology
Orange	Well, Pump or Spring	Geological and/or Geomorphological SSSI
Adjoining	Private Water Supply (Groundwater source)	Geological and/or Geomorphological LNCS
50m Buffer Area	Private Water Supply (Unknown source)	Safeguarded Mineral Area
850m Buffer Area	CAR Licence Abstraction (Groundwater source)	Soils
	Watercourse	Peat (BGS)
	Contaminated Land	Peat or Peaty Soil (JHI)
	Contaminated Land Source (with ID)	Land Capability for Agriculture (LCA) Class - 2
	Infilled Ground	Land Capability for Agriculture (LCA) Class - 3.1
	Made Ground	
	Worked Ground	
	Registered Landfill Site	
	Potential Sources of Contamination	



ASS
DUALLING
EAST OF HUNTLY TO ABERDEEN

TRANSPORT
SCOTLAND

Amey
Arup

C01	First Issue				
	LPAG	MMAT	ALOW	FMAX	NHAC
	16/11/20	17/11/20	17/11/20	19/11/20	20/11/20
Revision	Created	Checked	Reviewed	Approved	Authorised

Kilometres

Scale @ A3: 1:25,000 | Project Ref. No. A96PEA | Stage: Stage 2

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Project Name			
A96 Dualling East of Huntly to Aberdeen			
Map Title			
Figure 19.13			
Geology, Soils, Contaminated Land and Groundwater			
Orange Route Option - Sheet 2 of 2			
Map Number	Project	Originator	Volume
A96PEA	-	AMAR	- EGN
SWI	-	MP	- LX
Location	-	Type	Role
			Number
Suitability	Suitability Description		Revision
A	Approved for Stage Complete		C01