

**Legend**

- Route option
- 500m Buffer
- - - Inferred fault
- Borehole - The Moray Council
- Borehole - British Geological Survey

**Solid geology - bedrock**

- ALB-PESST, Alves Formation
- ALB-PESST, Alves Formation
- ALB-SCAR, Alves Formation
- BOTHL-LMST, Boathill Limestone Member
- CS, Cornstone Group
- DRB-SDSL, Dunrobin Bay Formation
- ELCA-CALSST, Elgin Calcrete Formation
- FOC-MLCM, Fochabers Sandstone Formation
- FOC-SCSM, Fochabers Sandstone Formation
- FSA-SDST, Forres Sandstone Group
- HMSF-SDST, Hopeman Sandstone Formation
- INS-SDST, Inverness Sandstone Group
- KISA-LMST, Kingsteps Sandstone Formation
- KISA-PESST, Kingsteps Sandstone Formation
- KISA-SDST, Kingsteps Sandstone Formation
- NETH-PSAMM, Nethybridge Psammite Formation
- NETH-PSAMM, Nethybridge Psammite Formation
- NETH-PSAMM, Nethybridge Psammite Formation
- NSTN-SDST, Nairn Sandstone Member
- ORS-SC, Old Red Sandstone, Undivided Sandstone and Conglomerate
- RBB-SDST, Rosebrae Beds, Sandstone
- RBB-SDST, Rosebrae Beds, Sandstone with Clay pellets
- SCB, Scaat Craig Beds
- SPY-CONG, Spey Conglomerate Formation
- STOT-SCHL, Stotfield Cherty Rock Formation
- WESTL-CONG, Wester Laurenceton Conglomerate Member

0 500 1,000 Metres

CO1	27/11/2018	Approved as Stage Complete	JB	SR
Rev.	Rev. Date	Drawing Suitability	Drawn	Appr'd

**Mott MacDonald Sweco**

Client

Project

**A96 DUALLING  
HARDMUIR TO FOCHABERS**

Drawing Title

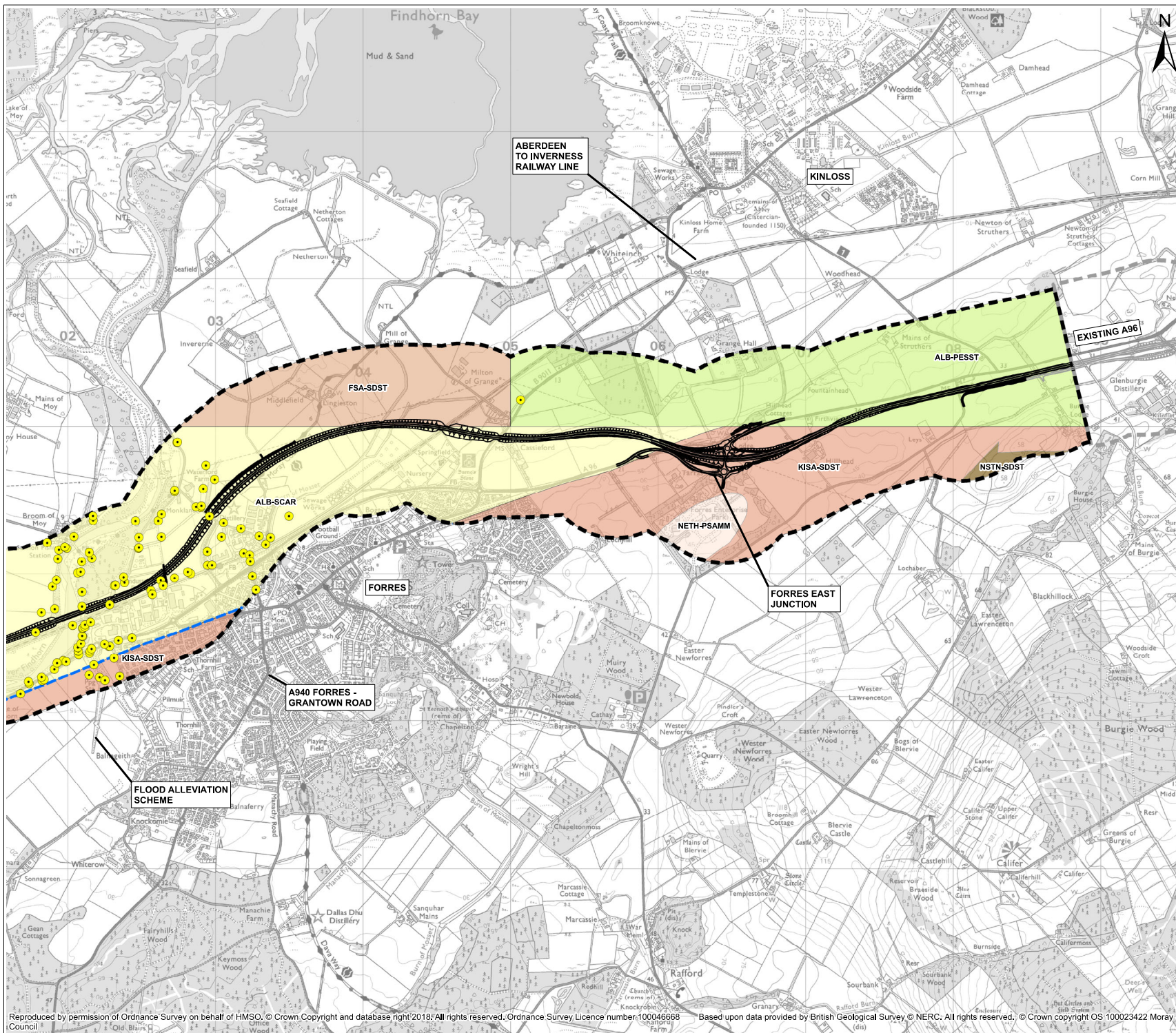
**FIGURE 5.11 HARDMUIR TO HILLHEAD  
NORTH OPTION SOLID GEOLOGY  
SHEET 1 OF 2**

Scale @ A3 1:25,000 **DO NOT SCALE**

Project No. 117980 Status A2

BIM No. A96PHF-MMS-EGT-00000-DR-GE-00015





**Legend**

- Route option
- 500m Buffer
- - - Inferred fault
- Borehole - The Moray Council
- Borehole - British Geological Survey

**Solid geology - bedrock**

- ALB-PESST, Alves Formation
- ALB-PESST, Alves Formation
- ALB-SCAR, Alves Formation
- BOTHL-LMST, Boathill Limestone Member
- CS, Cornstone Group
- DRB-SDSL, Dunrobin Bay Formation
- ELCA-CALSST, Elgin Calcrete Formation
- FOC-MLCM, Fochabers Sandstone Formation
- FOC-SCSM, Fochabers Sandstone Formation
- FSA-SDST, Forres Sandstone Group
- HMSF-SDST, Hopeman Sandstone Formation
- INS-SDST, Inverness Sandstone Group
- KISA-LMST, Kingsteps Sandstone Formation
- KISA-PESST, Kingsteps Sandstone Formation
- KISA-SDST, Kingsteps Sandstone Formation
- NETH-PSAMM, Nethybridge Psammite Formation
- NETH-PSAMM, Nethybridge Psammite Formation
- NETH-PSAMM, Nethybridge Psammite Formation
- NSTN-SDST, Nairn Sandstone Member
- ORS-SC, Old Red Sandstone, Undivided Sandstone and Conglomerate
- RBB-SDST, Rosebrae Beds, Sandstone
- RBB-SDST, Rosebrae Beds, Sandstone with Clay pellets
- SCB, Scaat Craig Beds
- SPY-CONG, Spey Conglomerate Formation
- STOT-SCHL, Stotfield Cherty Rock Formation
- WESTL-CONG, Wester Laurenceton Conglomerate Member

0 500 1,000 Metres

CO1	27/11/2018	Approved as Stage Complete	JB	SR
Rev.	Rev. Date	Drawing Suitability	Drawn	Appr'd

**Mott MacDonald Sweco**

Client: **TRANSRISK SCOTLAND** **A96 DUALLING HARDMUIR TO FOCHABERS**

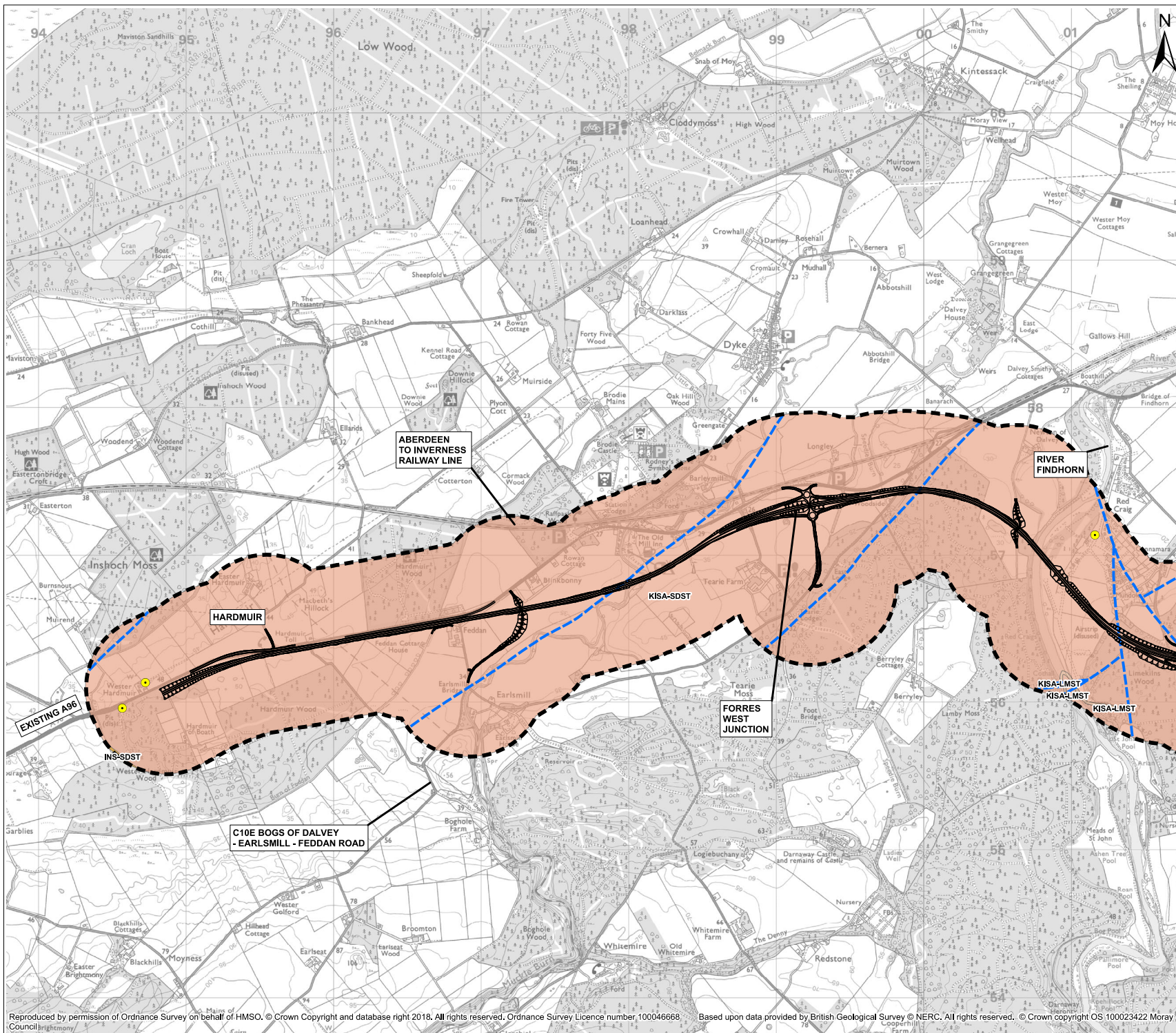
Project: **A96 DUALLING HARDMUIR TO FOCHABERS**

Drawing Title: **FIGURE 5.12 HARDMUIR TO HILLHEAD NORTH OPTION SOLID GEOLOGY SHEET 2 OF 2**

Scale @ A3	1:25,000	DO NOT SCALE
Project No.	117880	Status
BIM No.	A96PHF-MMS-EGT-00000-DR-GE-00016	A2

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**Legend**

- Route option
- ⊞ 500m Buffer
- Inferred fault
- Borehole - The Moray Council
- Borehole - British Geological Survey

**Solid geology - bedrock**

- ALB-PESST, Alves Formation
- ALB-PESST, Alves Formation
- ALB-SCAR, Alves Formation
- BOTH-LMST, Boathill Limestone Member
- CS, Cornstone Group
- DRB-SDSL, Dunrobin Bay Formation
- ELCA-CALSST, Elgin Calcrete Formation
- FOC-MLCM, Fochabers Sandstone Formation
- FOC-SCSM, Fochabers Sandstone Formation
- FSA-SDST, Forres Sandstone Group
- HMSF-SDST, Hopeman Sandstone Formation
- INS-SDST, Inverness Sandstone Group
- KISA-LMST, Kingsteps Sandstone Formation
- KISA-PESST, Kingsteps Sandstone Formation
- KISA-SDST, Kingsteps Sandstone Formation
- NETH-PSAMM, Nethybridge Psammite Formation
- NETH-PSAMM, Nethybridge Psammite Formation
- NSTN-SDST, Nairn Sandstone Member
- ORS-SC, Old Red Sandstone, Undivided Sandstone and Conglomerate
- RBB-SDST, Rosebrae Beds, Sandstone
- RBB-SDST, Rosebrae Beds, Sandstone with Clay pellets
- SCB, Scaat Craig Beds
- SPY-CONG, Spey Conglomerate Formation
- STOT-SCHL, Stotfield Cherty Rock Formation
- WESTL-CONG, Wester Laurenceton Conglomerate Member

0 500 1,000 Metres

C01	27/11/2018	Approved as Stage Complete	JB	SR
Rev.	Rev. Date	Drawing Suitability	Drawn	Appr'd

**Mott MacDonald Sweco**

Client

Project

**A96 DUALLING  
HARDMUIR TO FOCHABERS**

Drawing Title

**FIGURE 5.13 HARDMUIR TO HILLHEAD  
SOUTH OPTION SOLID GEOLOGY  
SHEET 1 OF 2**

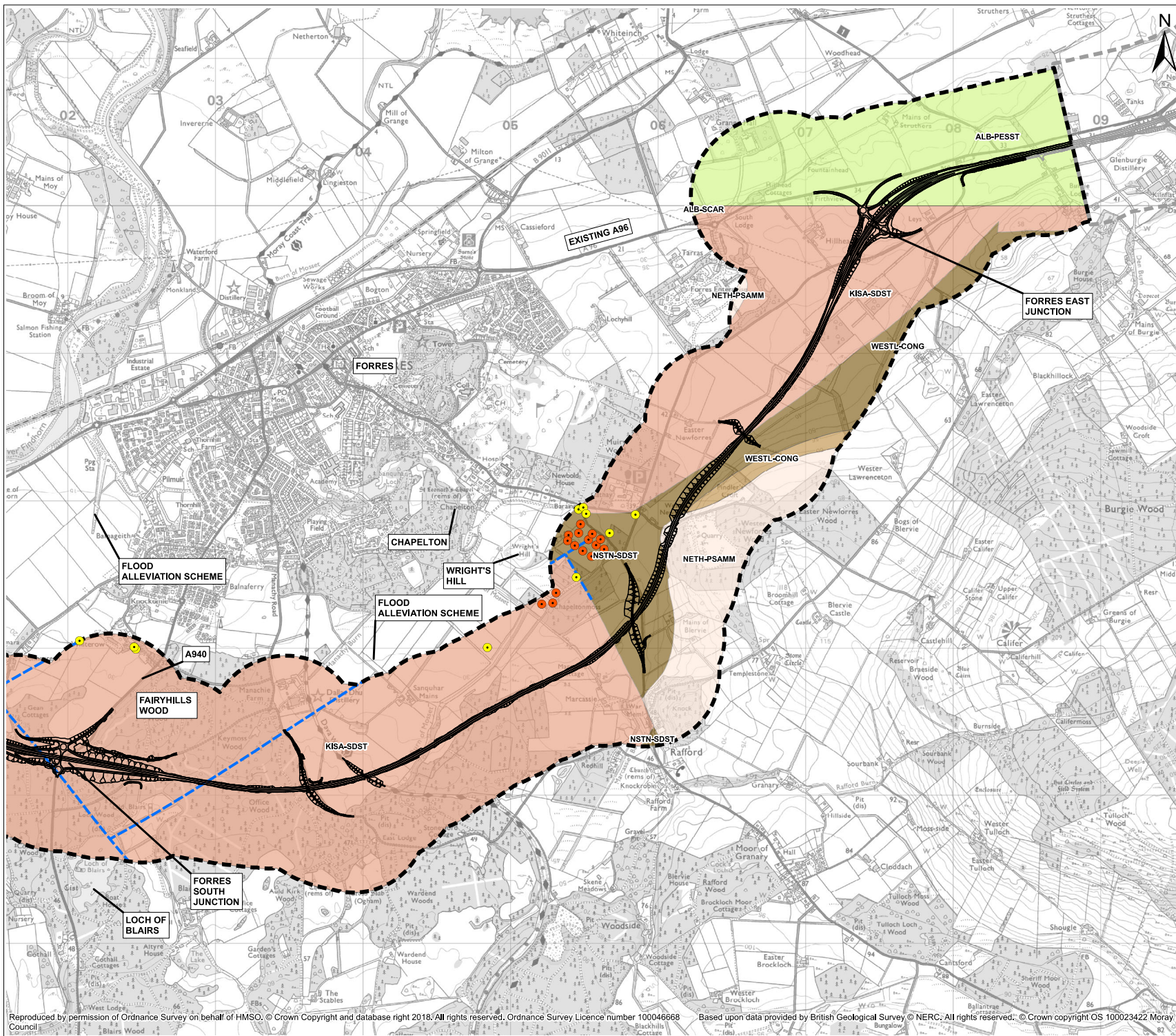
Scale @ A3 1:25,000 **DO NOT SCALE**

Project No. 117880 Status A2

BIM No. A96PHF-MMS-EGT-00000-DR-GE-00017

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**Legend**

- Route option
- - - 500m Buffer
- - - Inferred fault
- Borehole - The Moray Council
- Borehole - British Geological Survey

**Solid geology - bedrock**

- ALB-PESST, Alves Formation
- ALB-SCAR, Alves Formation
- BOTH-LMST, Boathill Limestone Member
- CS, Cornstone Group
- DRB-SDSL, Dunrobin Bay Formation
- ELCA-CALST, Elgin Calcrete Formation
- FOC-MLCM, Fochabers Sandstone Formation
- FOC-SCSM, Fochabers Sandstone Formation
- FSA-SDST, Forres Sandstone Group
- HMSF-SDST, Hopeman Sandstone Formation
- INS-SDST, Inverness Sandstone Group
- KISA-LMST, Kingsteps Sandstone Formation
- KISA-PESST, Kingsteps Sandstone Formation
- KISA-SDST, Kingsteps Sandstone Formation
- NETH-PSAMM, Nethybridge Psammite Formation
- NETH-PSAMM, Nethybridge Psammite Formation
- NSTN-SDST, Nairn Sandstone Member
- ORS-SC, Old Red Sandstone, Undivided Sandstone and Conglomerate
- RBB-SDST, Rosebrae Beds, Sandstone
- RBB-SDST, Rosebrae Beds, Sandstone with Clay pellets
- SCB, Scaat Craig Beds
- SPY-CONG, Spey Conglomerate Formation
- STOT-SCHL, Stotfield Cherty Rock Formation
- WESTL-CONG, Wester Laurenceton Conglomerate Member

0 500 1,000 Metres

C01	27/11/2018	Approved as Stage Complete	JB	SR
Rev.	Rev. Date	Drawing Suitability	Drawn	Appr'd

**Mott MacDonald Sweco**

Client: **TRANSPORENT SCOTLAND** **A96 DUALLING HARDMUIR TO FOCHABERS**

Project: **A96 DUALLING HARDMUIR TO FOCHABERS**

Drawing Title			
<b>FIGURE 5.14 HARDMUIR TO HILLHEAD SOUTH OPTION SOLID GEOLOGY SHEET 2 OF 2</b>			
Scale @ A3	1:25,000	DO NOT SCALE	
Project No.	117880	Status	A2
BIM No.	A96PHF-MMS-EGT-00000-DR-GE-00018		

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