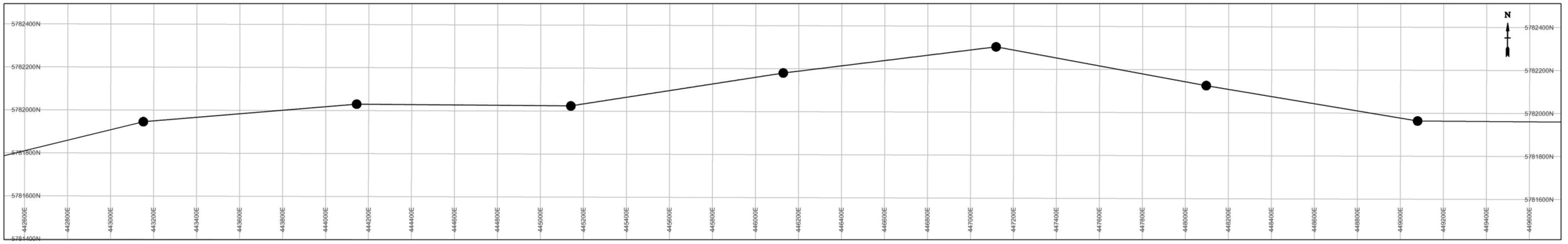
Cable Route Alignment Sheet

Geotechnical Interpretation

OFFSHORE WIND CONSULTANTS



KP 58 N: E:
Water depth: 38.3 mLAT
BGS outcrop: Brown Bank
Interpreted outcrop: Red Crag
Exploratory holes on location:

KP 59 N: E:
Water depth: 44.2 mLAT
BGS outcrop: Brown Bank
Interpreted outcrop: Red Crag
Exploratory holes on location:

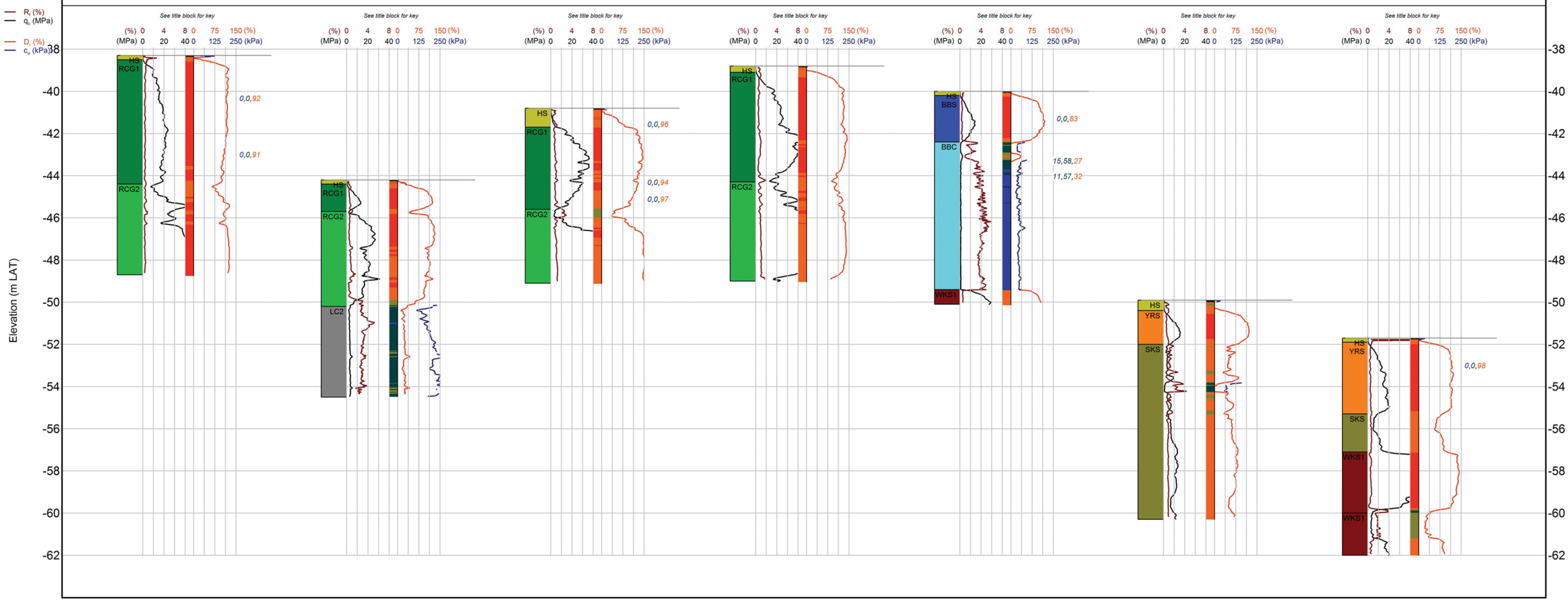
KP 60 N: E:
Water depth: 40.8 mLAT
BGS outcrop: Red Crag
Interpreted outcrop: Red Crag
Exploratory holes on location:

KP 61 N: E:
Water depth: 38.8 mLAT
BGS outcrop: Red Crag
Interpreted outcrop: Red Crag
Exploratory holes on location:

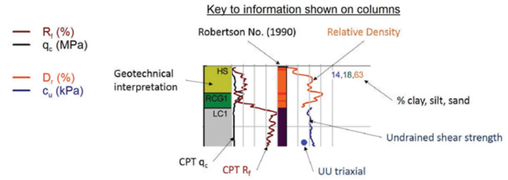
KP 62 N: E:
Water depth: 40.0 mLAT
BGS outcrop: Red Crag
Interpreted outcrop: Brown Bank
Exploratory holes on location:

KP 63 N: E:
Water depth: 49.9 mLAT
BGS outcrop: Red Crag
Interpreted outcrop: Yarmouth Roads (or SK?)
Exploratory holes on location:

KP 64 N: E:
Water depth: 51.7 mLAT
BGS outcrop: Red Crag
Interpreted outcrop: Yarmouth Roads (or SK?)
Exploratory holes on location:



Key to information shown on columns



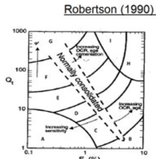
Interpretation notes

- Relative density has been calculated using Baldi (1986).
- Undrained shear strength has been calculated using N_{kt} = 15
- Relative density shown for silts and granular soils. Undrained shear strength shown for silts and cohesive soils.
- Blue points on the c_u graph indicate undisturbed UU triaxial tests

Ground model units

HS, Holocene Sand
HC, Holocene Clay
BBS, Brown Bank Sand
BBC, Brown Bank Clay/Silt
YRS, Yarmouth Road Sands
SKS, Smiths Knoll Sand
WKS1, WestKapelle Sand 1
RCG1, Red Crag Sand 1
RCG2, Red Crag Sand 2
LC1, London Clay 1
LC2, London Clay 2

Robertson (1990) colours



A - Sensitive, fine grained
B - Organic soils, peats
C - Clays, clay to silty clay
D - Silt mixtures, clayey silt to silty clay
E - Sand mixtures, silty sand to sandy silt
F - Sands, clean sands to silts sands
G - Gravelly sand to sand
H - Very stiff fine grained
I - Very stiff sand to clayey sand

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