Sedimentary Succession [Barents/Kara]	Location: Approximate latitude and longitude of midpoint of sedimentary succession	Hydrocarbon Deposits: K=Known to occur, M=May occur, or U=Unlikely to occur within or beneath sedimentary succession	Crustal Setting and Type of Sedimentary Succession: Continents and Continental Ridges in Ocean Basins: Stable shelf or platform	Coastal plain and shelf	Compound rift and sag	Transitional basin	Extensional basin marginal to oceanic basin containing MORB	Extensional basin on strike with oceanic basin containing MORB	Extensional basin of undetermined origin	Foreland basin	Fore-arc basin	Prograded Continental Margins: Existing ocean basin with rifted margin	Existing ocean basin with strike-slip margin	Extinct ocean basin	Ocean Basins: Oceanic basin
Amundsen Basin	89.0° N 40.0° E	M													X
Andree Land Basin	78.5° 15.0°	U				X									
Barents-Kara Prograded Margin	82.0° 40.0°	M									X				
Bjørnøyrenna Trough	78.7° 17.0°	K			X										
Bjørnøyrenna Platform	74.0° 32.0°	K	X												
Bjørnøya Basin	73.5° 20.5°	K			X										
Central Basin	77.7° 17.0°	K								X					
Finnmark Platform	71.5° 31.0°	K	X												
Fortaredsundet Basin	76.0° 17.0°	U				X									
Halten and Donna Terrace	65.0° 07.0°	K			X										
Hammerfest Basin	71.5° 22.0°	K			X										
Harstad Basin	70.0° 17.0°	K			X										
Helgeland Basin	66.0° 10.0°	M			X										
Inner Hornsund Trough	77.0° 16.5°	K			X										
Kurenya-Tunguska Basin	67.0° 89.0°	M			X										
Lofoten Basin	68.6° 12.5°	M					X								
Mezen' Basin	65.0° 48.0°	K	X												
More Basin	63.0° 03.0°	K					X								
More Marginal High	64.0° 01.0°	M									X				
Nansen Basin	84.5° 50.0°	M													X
Nordkapp Basin	72.5° 28.0°	K			X										
North Barents Basin	77.0° 48.0°	K			X										
North Barents Platform (Includes Edgeoya, Franz Josef Land and Kong Karl Platforms)	78.5° 39.0°	K	X												
North Kara Basin	78.0° 85.0°	M			X										
North Kara Platform	79.5° 89.5°	U	X												
Norwegian Basin	70.0° 05.0°	U													X
Polar Urals-Novaya Zemlya Foreland Basin	71.0° 50.0°	K								X					
Saint Anna Trough	80.0° 66.0°	M			X										
Schmidt Trough	80.5° 88.0°	M			X										
Storebotn Subbasin	63.0° 06.0°	K			X										
Sorvestsnaget Basin	72.0° 17.0°	M					X								
South Barents Basin	71.5° 40.0°	K			X										
St. Jonsfjorden Trough	78.7° 13.5°	K			X										
Tarmyr Foreland Basin	73.0° 89.5°	M								X					
Timan-Pechora Basin	67.5° 55.0°	K			X										
Tromsø Basin	71.5° 19.0°	K					X								
Trondelag Platform (Includes Froan Basin, Nordland Ridge and Froya High)	65.0° 0 9.0°	K			X										
Utrost Ridge	68.0° 11.5°	M	X												
Voring Basin	66.5° 06.0°	K					X								
--Ribban Subbasin	68.5° 113.0°	M					X								
--Vestfjorden Subbasin	67.5° 113.0°	M					X								
Voring Marginal High	67.7° 03.0°	M									X				
West Barents Prograded Margin	75.0° 14.0°	K									X				
West Siberian-South Kara Basin	69.5° 75.0°	K			X										
Yenisei-Khatanga Trough in Barents Quadrant--Northern Part	72.5° 86.0°	K			X										
Yenisei-Khatanga Trough in Barents Quadrant--Southern Part	72.3° 86.0°	M			X										
Yermak Plateau	82.0° 09.0°	M			X										

Barents-Kara Quadrant

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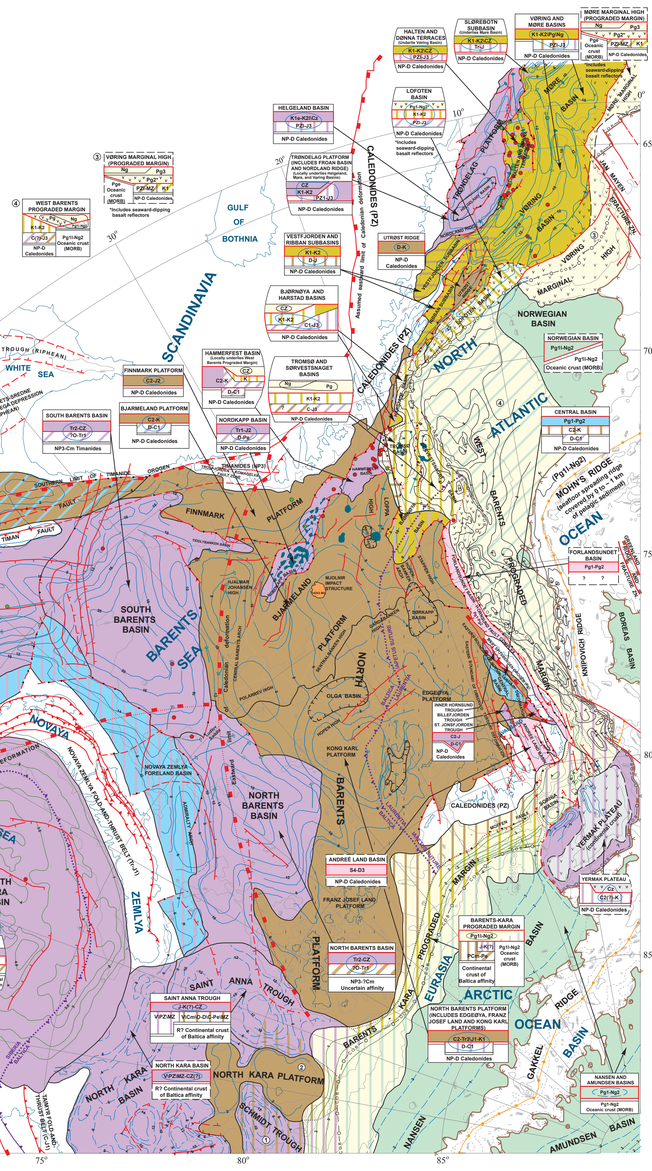
BARENTS SEA
NORTH ATLANTIC OCEAN
NORWEGIAN BASIN
SCANDINAVIA
EUROPE
WHITE SEA
GULF OF BOTHNIA
MEZEN' BASIN
PECHORA SINECLISE AND KOLVA DEPRESSION (INTRACRATONIC RIFT)
ONEGA TROUGH (RIPHEAN)
TIMANIDES (NPZ)
TIMAN FAULT
SOUTHERN LIMIT OF TIMANIDE DEFORMATION
CENTRAL TIMAN FAULT
FINNMARK PLATFORM
SOUTH BARENTS BASIN
BJARMELAND PLATFORM
HAMMERFEST BASIN
TROMSØ AND SØRVESTNAGET BASINS
NORDKAPP BASIN
CENTRAL BASIN
BJØRNØYA AND HARSTAD BASINS
HELGELAND BASIN
LOFOTEN BASIN
VØRING AND MØRE BASINS
MØRE MARGINAL HIGH (PROGRADED MARGIN)
TRØNDELAG PLATFORM (INCLUDES FROAN BASIN AND NORDLAND RIDGE)
VESTFJORDEN AND RIBBAN SUBBASINS
UTROST RIDGE
HALTEN AND DONNA TERRACES
SLØREBOTN SUBBASIN
VØRING MARGINAL HIGH (PROGRADED MARGIN)
WEST BARENTS PROGRADED MARGIN
TIMAN-PECHORA BASIN
POLAR URALS-NOVAYA ZEMLYA FORELAND BASIN
NORTH KARA PLATFORM
MEZEN' BASIN
PC Baltic Shield
TIMAN-PECHORA BASIN
NP3-Cm Timanides
SOUTH BARENTS BASIN
NP3-Cm Timanides
FINNMARK PLATFORM
NP-O Caledonides
BJARMELAND PLATFORM
NP-O Caledonides
HAMMERFEST BASIN
NP-O Caledonides
NORDKAPP BASIN
NP-O Caledonides
TROMSØ AND SØRVESTNAGET BASINS
NP-O Caledonides
CENTRAL BASIN
NP-O Caledonides
BJØRNØYA AND HARSTAD BASINS
NP-O Caledonides
HELGELAND BASIN
NP-O Caledonides
LOFOTEN BASIN
NP-O Caledonides
VØRING AND MØRE BASINS
NP-O Caledonides
MØRE MARGINAL HIGH (PROGRADED MARGIN)
NP-O Caledonides
TRØNDELAG PLATFORM (INCLUDES FROAN BASIN AND NORDLAND RIDGE)
NP-O Caledonides
VESTFJORDEN AND RIBBAN SUBBASINS
NP-O Caledonides
UTROST RIDGE
NP-O Caledonides
HALTEN AND DONNA TERRACES
NP-O Caledonides
SLØREBOTN SUBBASIN
NP-O Caledonides
VØRING MARGINAL HIGH (PROGRADED MARGIN)
NP-O Caledonides
WEST BARENTS PROGRADED MARGIN
NP-O Caledonides
TIMAN-PECHORA BASIN
NP3-Cm Timanides
POLAR URALS-NOVAYA ZEMLYA FORELAND BASIN
TNP3-Cm Timanides and uncertain affinity
NORTH KARA PLATFORM
R7 Continental crust of Baltica affinity
KARA IMPACT STRUCTURE
WEST SIBERIAN/SOUTH KARA BASIN
Pre-Ng
Tr2-J3
jN3-Tr1
PCm-Pe
Accretionary collage
YENISEI-KHATANGA TROUGH IN BARENTS/KARA QUADRANT (NORTHERN PART)
J1-2+J3-K
PZ2n-1
Pz
S1+P-SPZ
Pre-Riphean Continental crust of Siberian Craton
YENISEI-KHATANGA TROUGH IN BARENTS/KARA QUADRANT (SOUTHERN PART)
J1-2+J3-K
Pz
S1+P-PZ
Pre-Riphean Continental crust of Siberian Craton
SCHMIDT TROUGH
J-K1+C-E
V-C+R-O2-Pe+PZ
R7 Continental crust of Baltica affinity
KUREYA-TUNGUSKA BASIN
Tr1
V-O+D1-Pe
R
Pre-Riphean Continental crust of Siberian Craton
SIBERIAN TRAPS LARGE IGNEOUS PROVINCE (P-Tr/ T1 FLOOD BASALTS)
TAIMYR FOLDED BELT (J3-K1)
TAIMYR FOLD BELT (J3-K1)
TAIMYR PENINSULA
NORTH KARA BASIN
VPZ+MZ
R7 Continental crust of Baltica affinity
NORTH KARA PLATFORM
SCHMIDT TROUGH
ANDREE LAND BASIN
S4-D3
NP-O Caledonides
FRANZ JOSEF LAND PLATFORM
NORTH BARENTS BASIN
TG-C2
NP3-?Cm
Uncertain affinity
SAINT ANNA TROUGH
J-K1?-C2
VPZ+MZ
?Cm-O-D2-Pe+MZ
R7 Continental crust of Baltica affinity
NORTH KARA BASIN
VPZ+MZ-C2(-T)
R7 Continental crust of Baltica affinity
BARENTS-KARA PROGRADED MARGIN
Pg1-Ng2
J-K1?
Pg1-Ng2 Oceanic crust (MORB)
Continental crust of Baltica affinity
NORTH BARENTS PLATFORM (INCLUDES EDGEOYA, FRANZ JOSEF LAND AND KONG KARL PLATFORMS)
C2-?J3-K1
D-C3
NP-O Caledonides
NORWEGIAN BASIN
Pg1-Ng2
Pg1-Ng2 Oceanic crust (MORB)
CENTRAL BASIN
Pg1-Pg2
C2-K
D-C2
NP-O Caledonides
NANSEN AND AMUNDSEN BASINS
Pg1-Ng2
Pg1-Ng2 Oceanic crust (MORB)
YERMAK PLATEAU
C2-?J3-K
NP-O Caledonides
ARCTIC OCEAN
NORTH BARENTS PLATFORM (INCLUDES EDGEOYA, FRANZ JOSEF LAND AND KONG KARL PLATFORMS)
BARENTS-KARA PROGRADED MARGIN
ANDREE LAND BASIN
NORTH BARENTS BASIN
SAINT ANNA TROUGH
NORTH KARA BASIN
NORTH KARA PLATFORM
TAIMYR PENINSULA
TAIMYR FOLD BELT
SCHMIDT TROUGH
KARA SEA
BARENTS SHELF
CALEDONIDES (PZ)
NOVAYA ZEMLYA FORELAND BASIN
NOVAYA ZEMLYA FOLD BELT
KARA IMPACT STRUCTURE
SIBERIA
WESTERN
EASTERN
WEST SIBERIAN BASIN
SOUTH KARA BASIN
NORTH BARENTS BASIN
SOUTH BARENTS BASIN
TIMAN-PECHORA BASIN
BARENTS SEA
KARA SEA
NOVAYA ZEMLYA
ZEMLYA
FRANZ JOSEF LAND
KONG KARL PLATFORM
LOMONOSOV RIDGE
GAKKEL RIDGE
AMUNDSEN BASIN
NANSEN BASIN
EURASIA BASIN
ARCTIC OCEAN
KOLYMA-OMOLON SUPERTERRANE
VERKHOYANSK FOLD BELT
NORTH TAIMYR-SOUTH TAIMYR FOLD BELT
KUREYA-TUNGUSKA BASIN
LENA-ANABAR BASIN
OLENEK-ANABAR ANTICLISE (NORTHERN SLOPE)
OLENEK-ANABAR ANTICLISE (SOUTHERN SLOPE)
Anabar Shield
Olenek High
Lena River
Yana River
Indigirka River
Kolyma River
Taimyr Peninsula
Wrangel Island
New Siberian Islands
Laptev Sea
East Siberian Sea
Chukchi Sea
Alaska
Chukotka
Chukchi Fold Belt
Micoplate
Russia
Anadyr Basin
Chaun Basin
Lower Kolyma Basin
East Laptev Basin
East Siberian Coastal Plain and Shelf Basin
Deformed Complexes of Chukchi Fold Belt
Accreted J3 and K1+ terranes of predominantly oceanic and island arc affinities
Pre-K1(?) Continental crust of Insulian and Peary Land affinity
Continental crust of Insulian and Peary Land affinity
Projected from Canada Basin
Pre-Riphean Continental crust of Siberian Craton
Pre-Riphean Continental crust
Continental crust
Transitional crust
K1+ Oceanic crust (MORB)
Pg1-Ng2 Oceanic crust (MORB)
Pre-K1 Oceanic crust (MORB)
Pre-K1 Continental crust
Pre-K1 Continental crust of Insulian and Peary Land affinity
Pre-K1(?) Continental crust of Insulian and Peary Land affinity
Pre-K1(?) Continental crust
Pre-K1(?) Continental crust of Insulian and Peary Land affinity
Pre-K1(?) Continental crust of Insulian and Peary Land affinity
Pre-K1(?) Continental crust of Insulian and Peary Land affinity