



7,500 kPa is the pressure value that indicates the change from supercritical CO₂ to gaseous CO₂ in the subsurface. CO₂ is generally supercritical in the Peace River south of this line.

The 800m TVD line is the northern limit of evaluation for the Peace River

Aquifer Net Reservoir (m)

C.I. = 5m

0 - 5

5.1 - 10

10.1 - 15

15.1 - 20

20.1 - 25

25.1 - 30

30.1 - 35

35.1 - 39.5

Isolated Deep Basin Wet Zones

CO₂ Storage Key Transitions

Pressure 7,500 kPa

Temperature 31°C

TVD 800m

NEBC Geological Carbon Capture and Storage Atlas

Canadian Discovery Ltd.

CICE

Geoscience BC

Peace River Aquifer Net Reservoir

Filename: GBCS_PEACE_RIVER_NET_RESERVOIR_AQUIFER

Author: A. Gibbs

Cartographer: C. Keeler

Reviewer: M. Fockler

Figure

5.6

Project: GBCS

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Geology

Approx Transition Marine Shale to Barrier Sandstone

Mesozoic Deformation Front

0 5 10 20 30 40 50 Km

Projection: UTM Zone 10; Central Meridian -123; NAD 1983