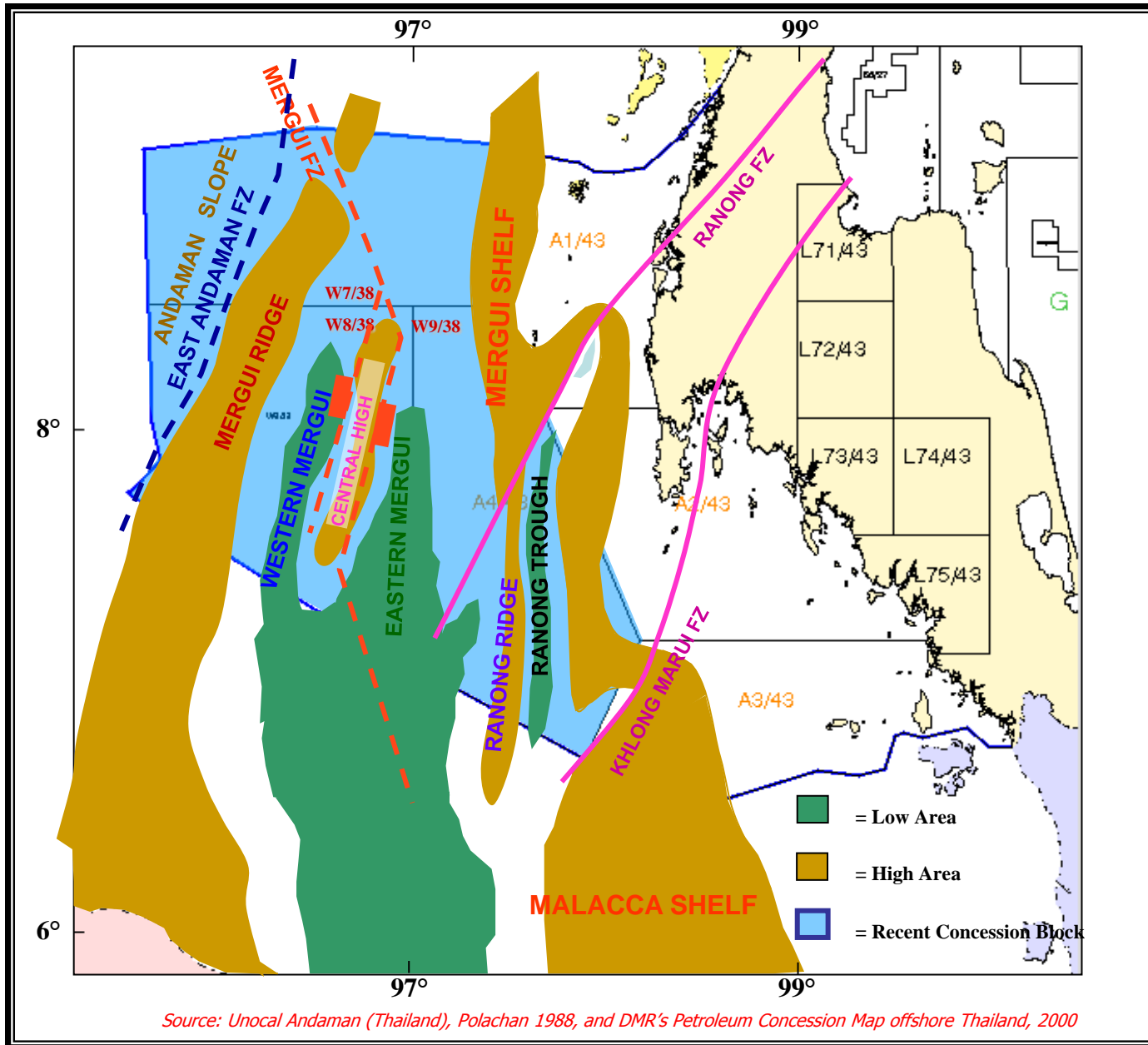


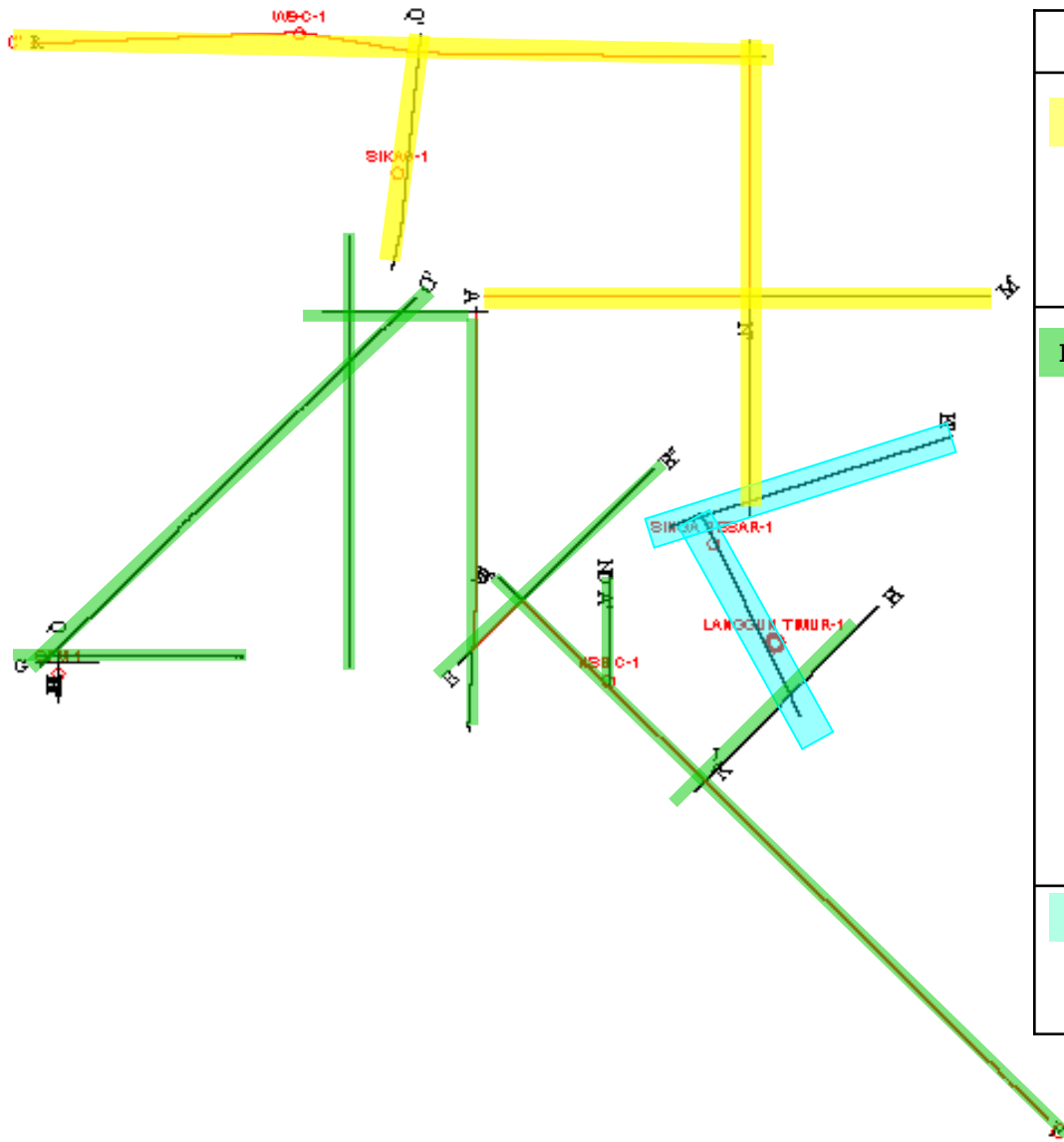
P1W4: North Sumatra-Mergui Basin Cross Border Case Study

**An Overview and Progress Work ,
Thailand**



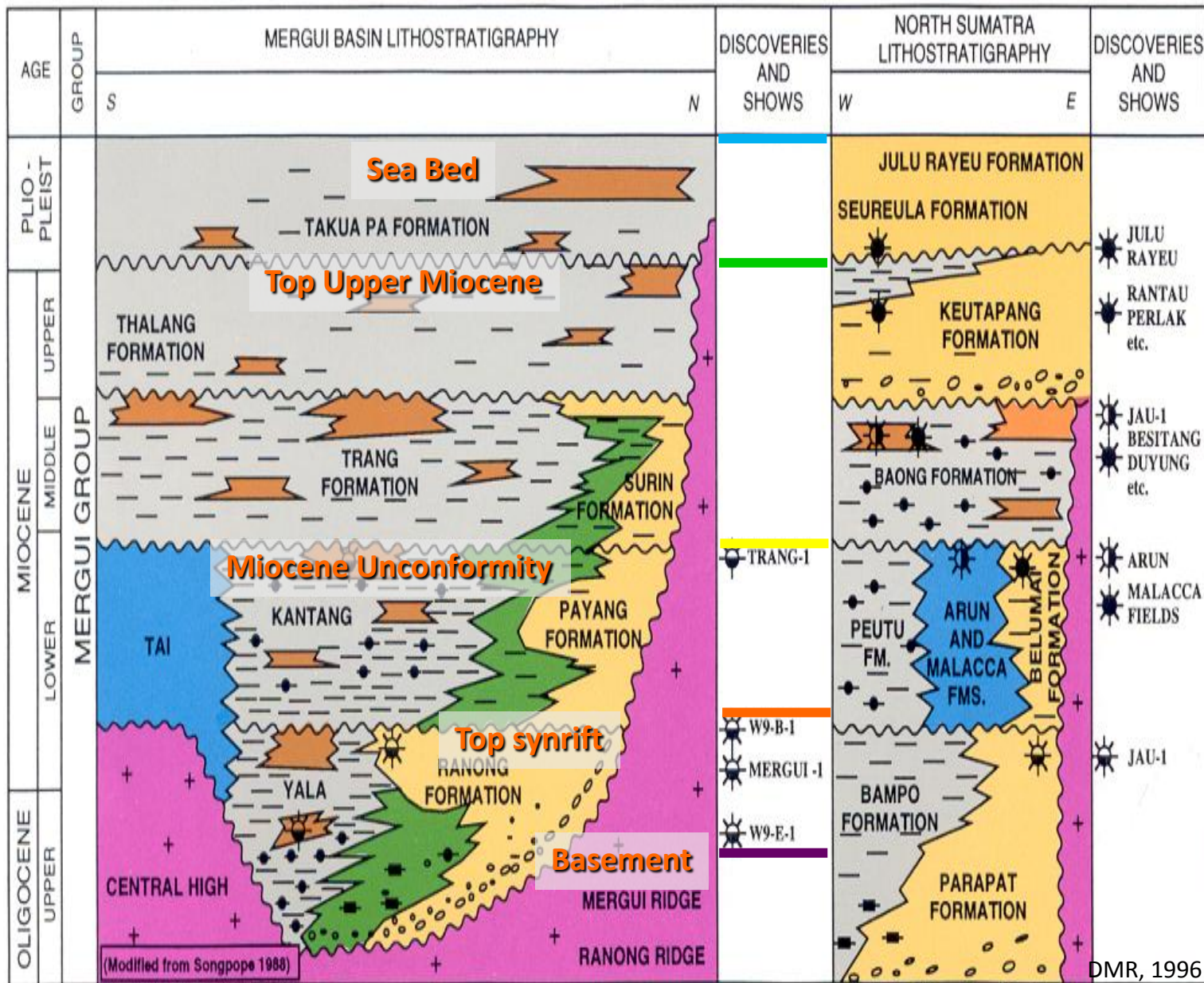
Source: Unocal Andaman (Thailand), Polachan 1988, and DMR's Petroleum Concession Map offshore Thailand, 2000

Data Agreement



Country	Seismic lines	Wells
Thailand	4 lines DMR95-102, DMR95-125, DMR95-141, DMR95-150	1) Si Kao-01, 2) W9-C-1
Indonesia	12 lines 123A_SP 4437-102_MV, 123B_SP 6251 - 4373_MV, 132_SP 6122 - 101_MV, 209C_SP 5766 - 4846_MV, 210_SP 101 - 3040_MV, 259_SP 102 - 2481_MV, 463-85_SP 100 - 7102_MV, 506-85_SP 714 - 100_MV, NSO 69-25_SP 697 - 124_SV, NSO 69-46_SP 1 - 1929_SV, NSO 80-503_SP 101 - 1694_SV, NSO 81-13_SP 200 - 4165_SV	1) Gleumpang Minyeuk-1, 2) NSB-C1
Malaysia	2 lines 83MS02 83MS09	1) LANGGUN TIMUR-1, 2) SINGA BESAR-1

Stratigraphic Correlation of the Mergui & N-Sumatra Basins



Previous Assignment Work

**Well Data
Composited Log**



Malaysia

**Well Data
Gravity Map**



Indonesia

5 Interpreted Seismic Horizons

P1W3: Assignments

1. Indonesia Team

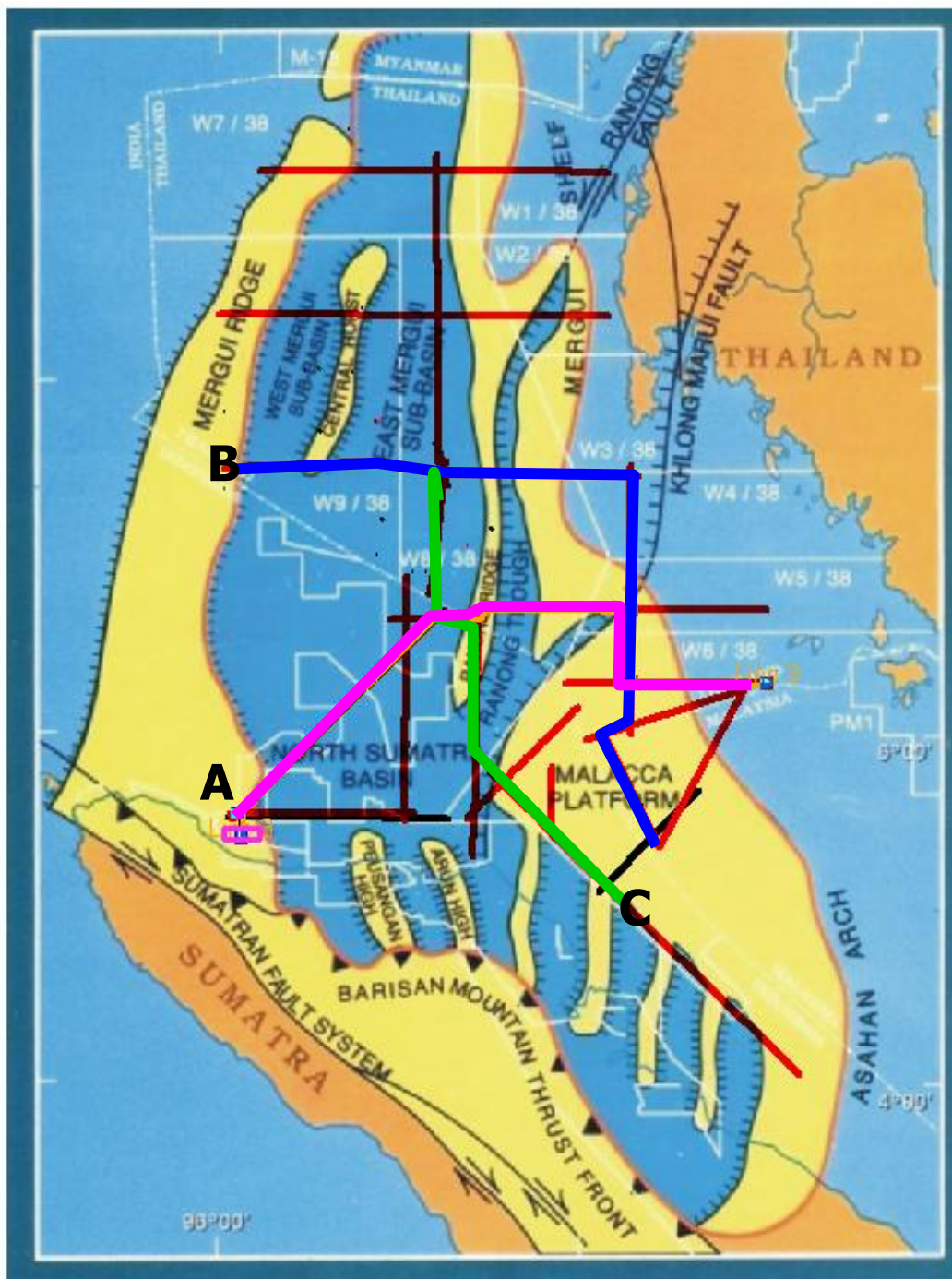
- a. Convert the time structure map to depth
- b. To make a 2D basin modeling
- c. Heat flow map, geothermal gradient & maturity map




2. Malaysia

- a. Seismic facies
- b. Chronostratigraphic map

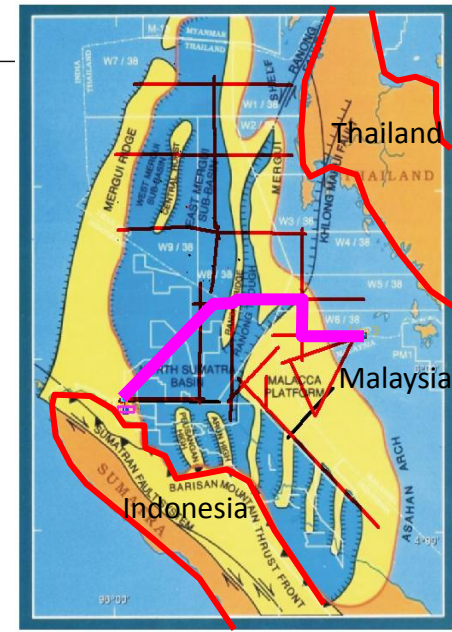
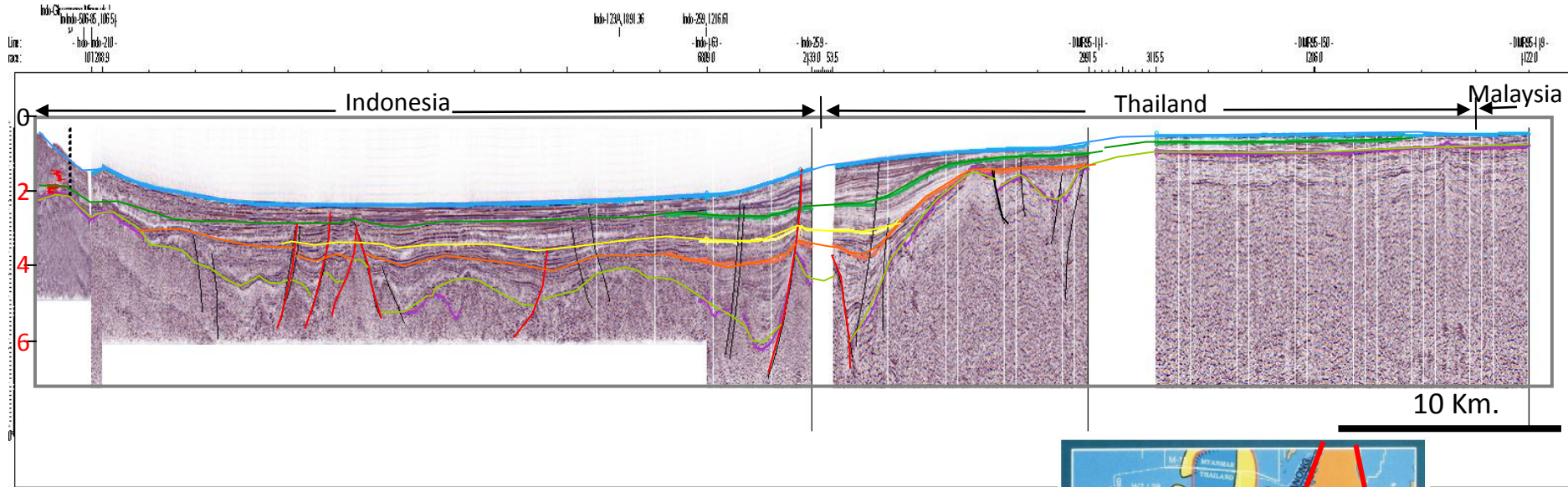
3. Thailand

- a. **Structural cross-section (using at least 3 lines)**

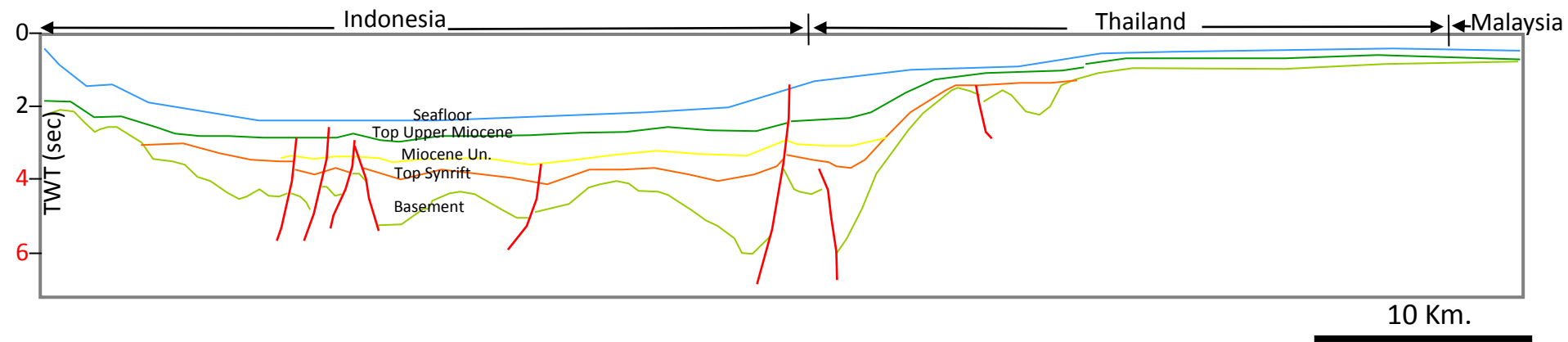


- A 
- B 
- C 

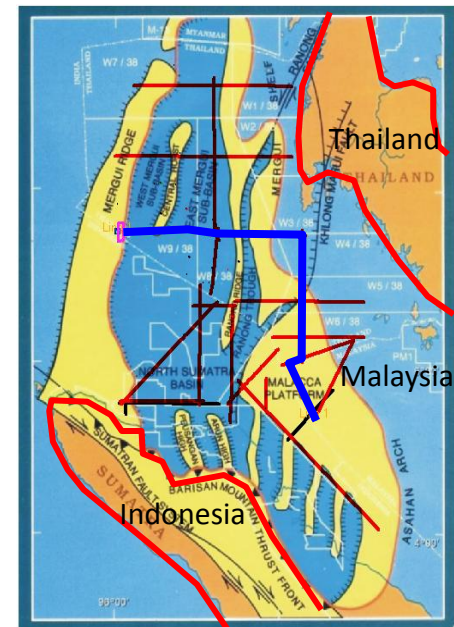
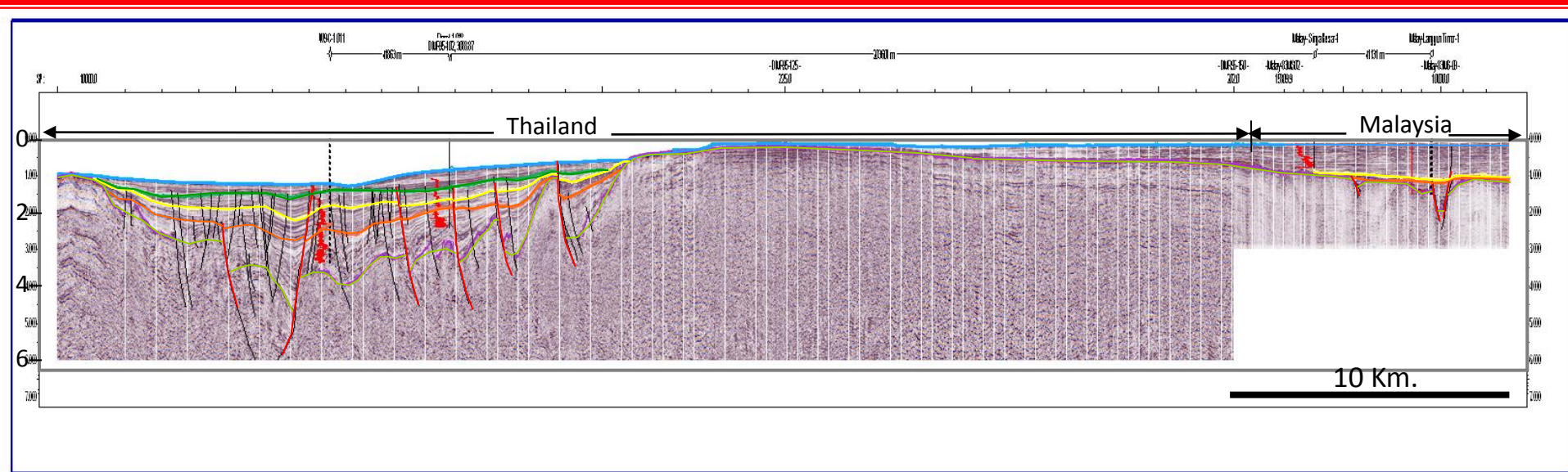
Composite Line A



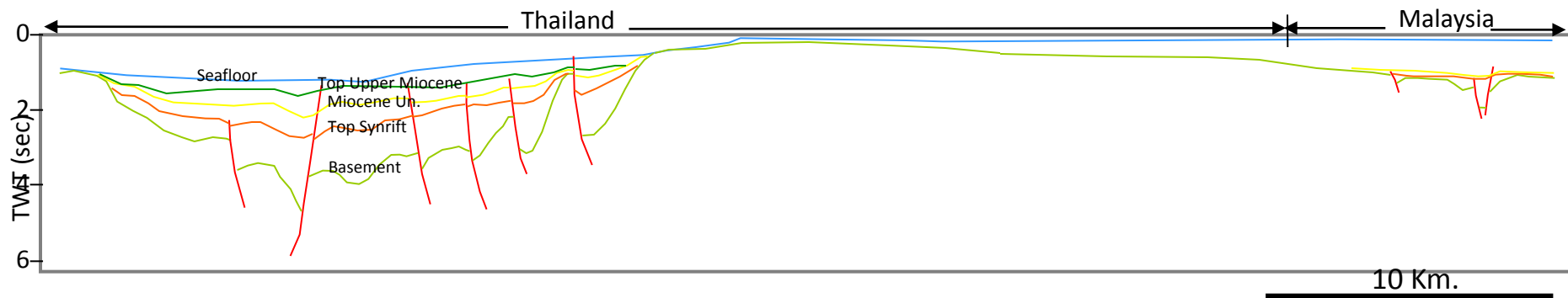
Schematic Cross Section of Composite Line A



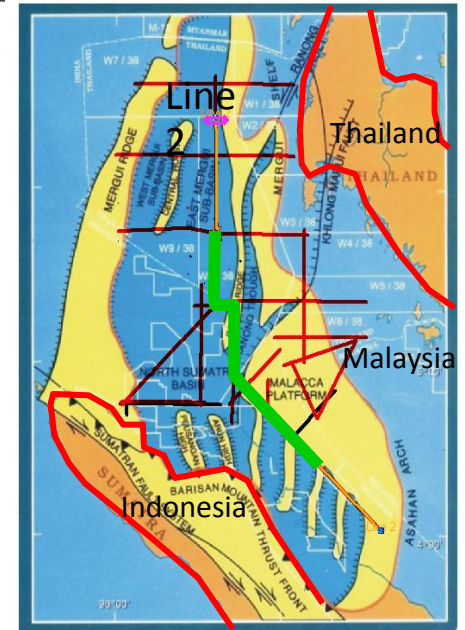
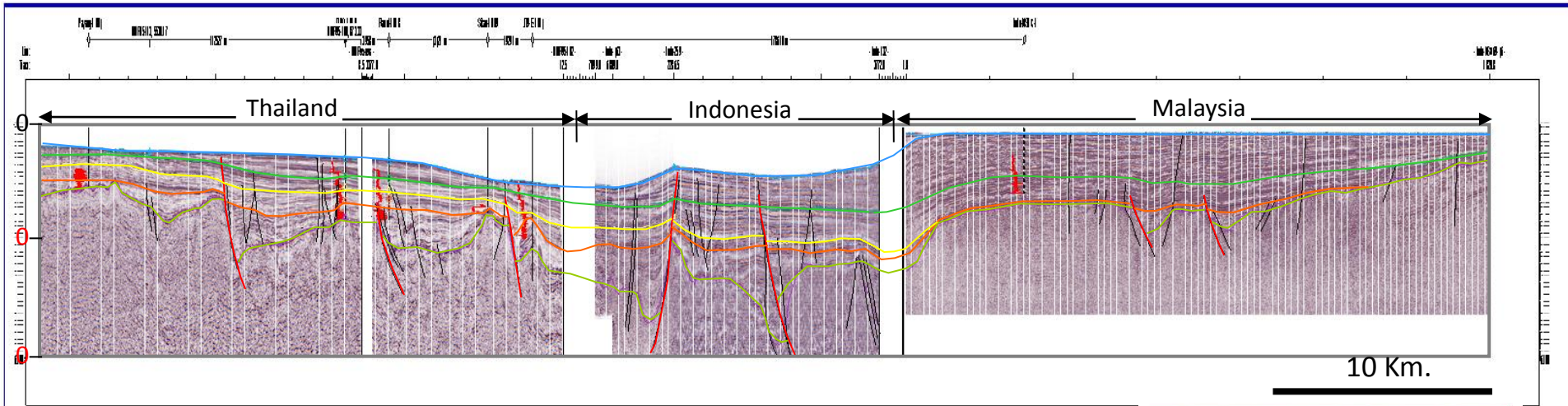
Composite Line B



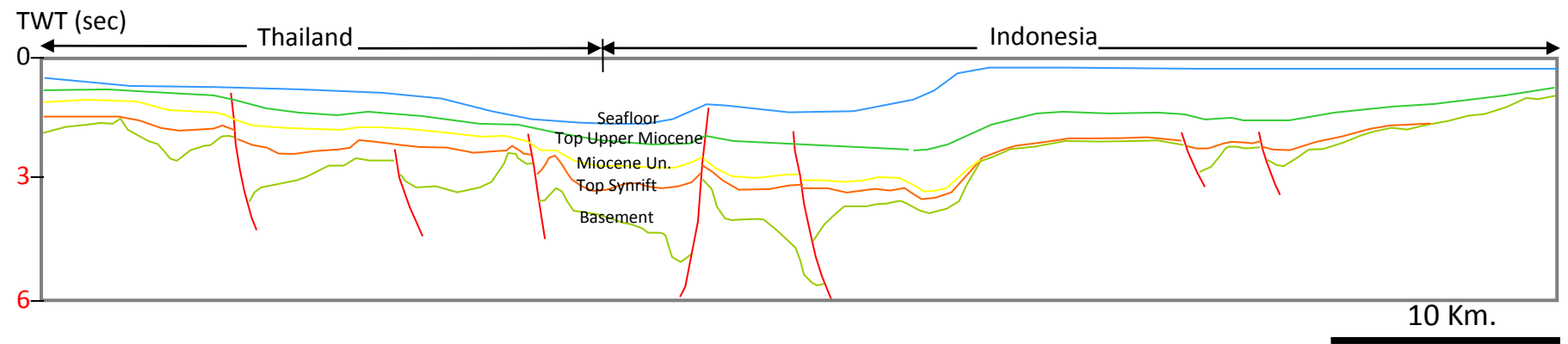
Schematic Cross Section of Composite Line B



Composite Line C



Schematic Cross Section of Composite Line C



Next Step

- Back stripping of each horizon
- Converse to structural depth section
- Structural History