

GARA Critical Screening Parameters				Source (Ref.list)	Comments	3005
Shale Name:						REFERENCE LIST :
Country:				Norway		
Age (Age):						
Age (Epoch):				Upper Jurassic		
Basin:				North Sea		
Chance of success parameters				Source (Ref.list)	Comments	
Mapping status				Poor		
Sedimentary variability				Moderate		
Structural complexity				Moderate		
Available HC data				Moderate		
Proven source rock				Proven		
Maturity variability				Moderate		
Depth				Average		
Mineral composition				Poor		
Detailed parameter list				Source (Ref.list)	Comments	
1. Area (km2)						
2. Thickness (gross, m)				0 1000 300 triangular	Average estimated	
2a. Thickness (net, m)				20 800 600 triangular		
2b. Net/Gross (%)				80 100 95 triangular		
3. Depth (m)				1000 5000 3000 triangular		
4. Density (g/cm3)						
5. TOC (%)				0,5 2,5 2 triangular	Average estimated	
6. Porosity (%)						
7. Maturity (%VR) or graptolite equivalent						
8. Reservoir pressure (psi)						
9. Reservoir Temperature (°C)						
10. Gas saturation (%)(Sg)						
11. Oil Saturation (%) So)						
12. Gas generation mgHC/g TOC (Hydrogen index)				100 400 300 triangular	Average estimated	
13. Kerogen type				I/II II/III II-II/III	trace type III and I	
14. Sorption capacity VReq. - 1,9 % (mmol/g)						
15. Matrix permeability (nDarcy)						
16. Adsorbed gas storage capacity (scf/ton)						
17. Compressibility factor (z)						
18a. Bg - Gas formation volume factor						
18b. Bo - Oil formation volume factor						
19. Langmuir Pressure (pL, psi)						
20. Langmuir Volume (nL, scf/ton)						
21. Bulk mineral constituents XRD						
21a Total Clay content (%)						
Content of smectite						
Content of Illite & Mica						
Content of Kaolinite						
21b Quartz-feldspars content (%)						
21c Carbonate content (%)						
22. Brittleness indicators						
22a Poisson's ratio						
22b Young's modulus						
22c other indicators						