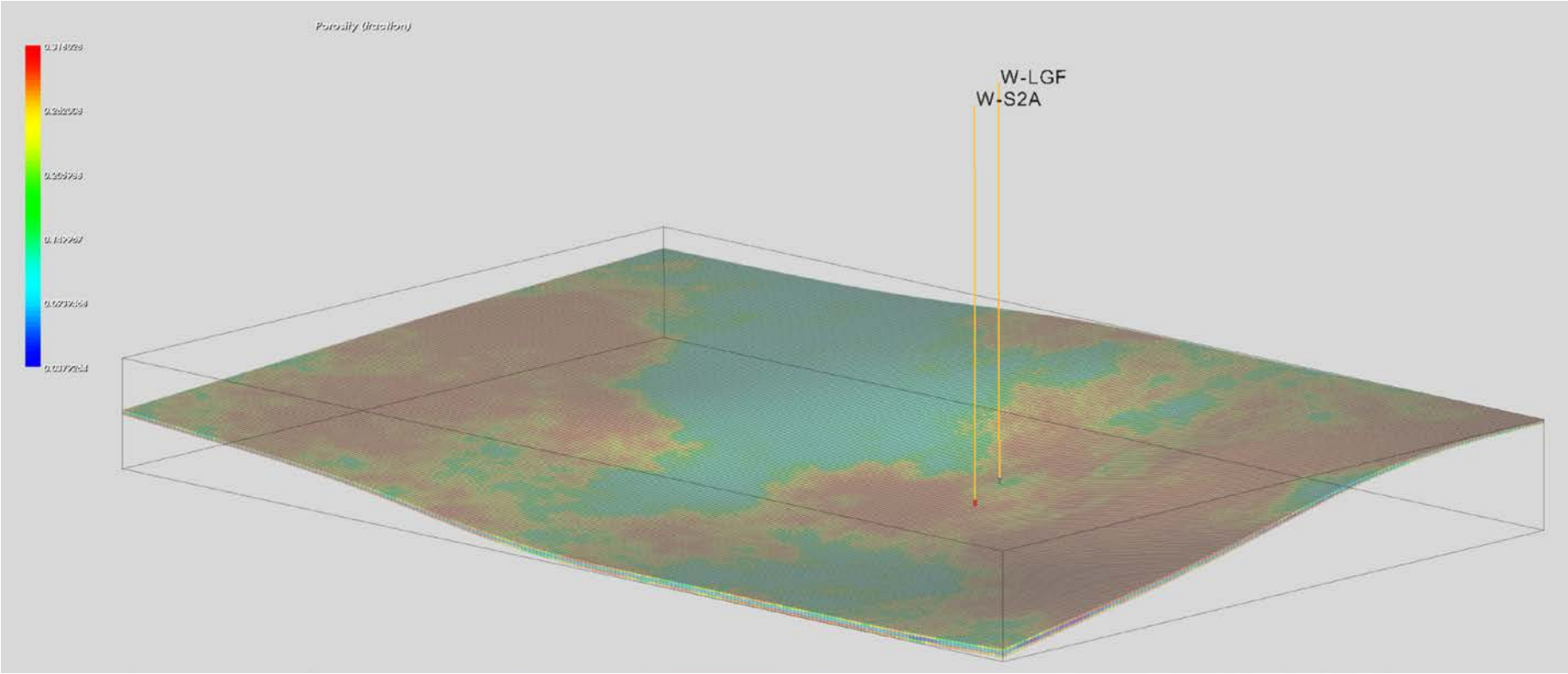
APPENDIX 5 – Porosity Distribution Maps

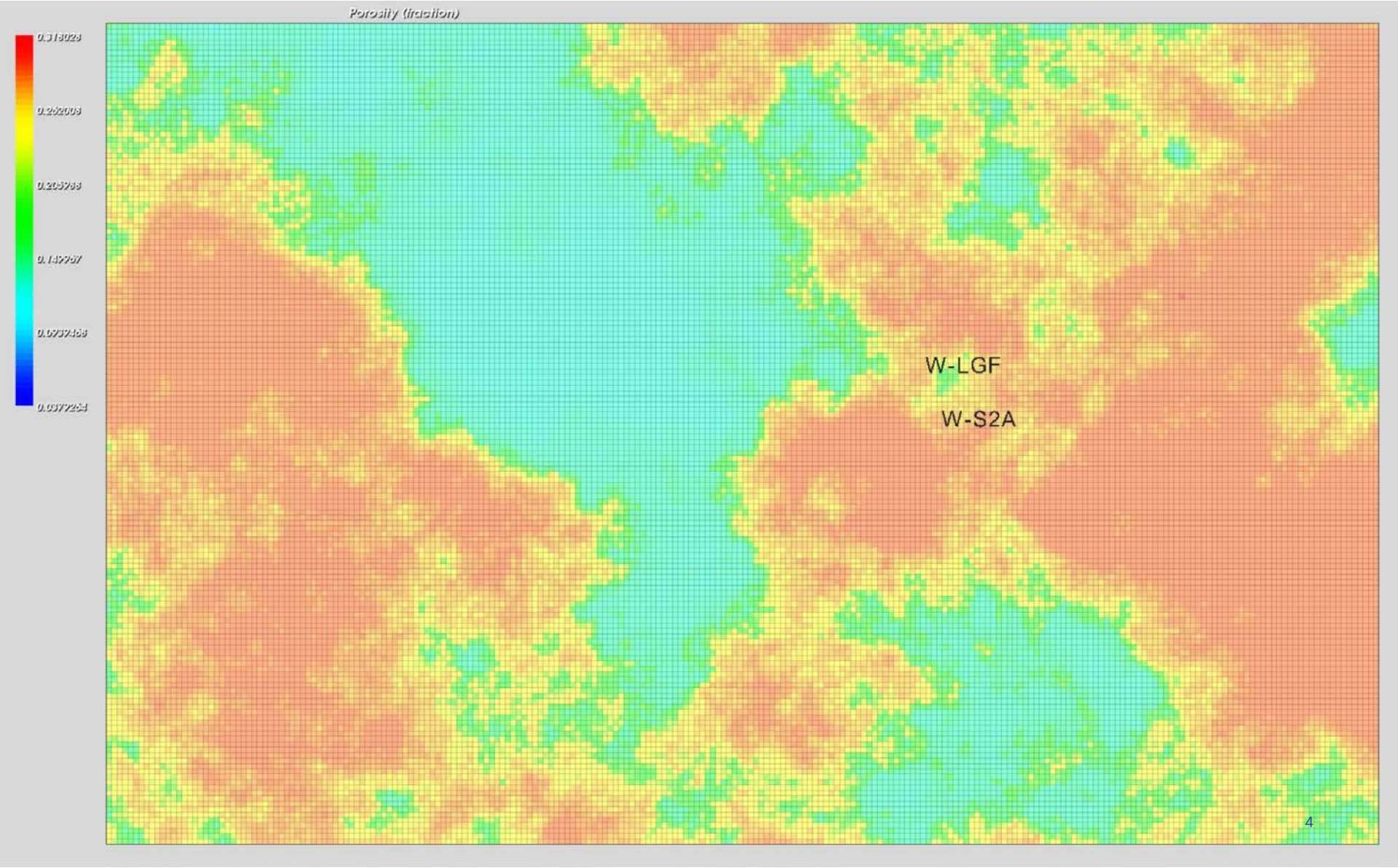
Annona Model
Porosity Distribution

Annona – Porosity Composite



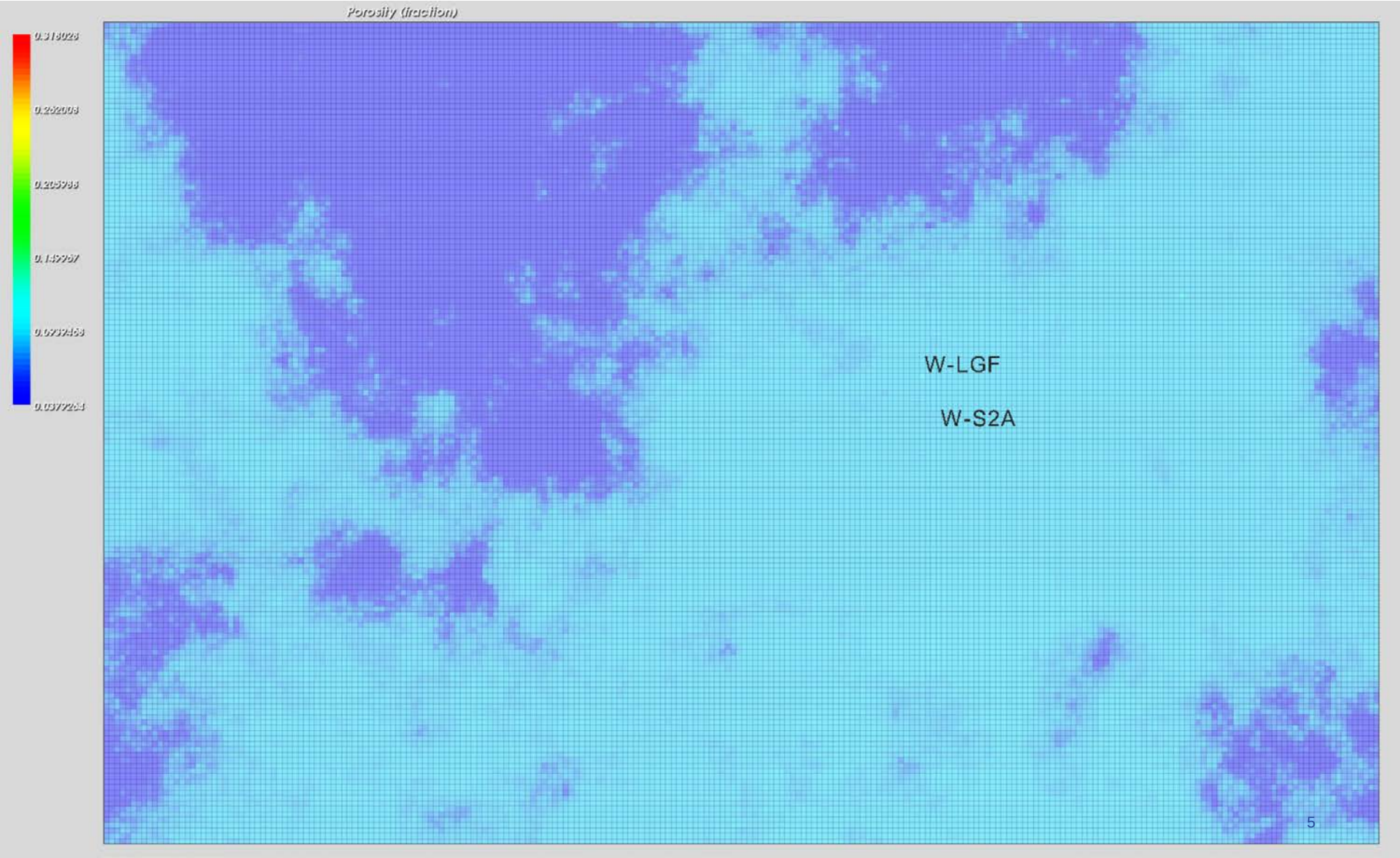
Grid Porosity = Original Porosity x NG
Vertical Exaggeration: 10x

Annona Porosity – Layer 1



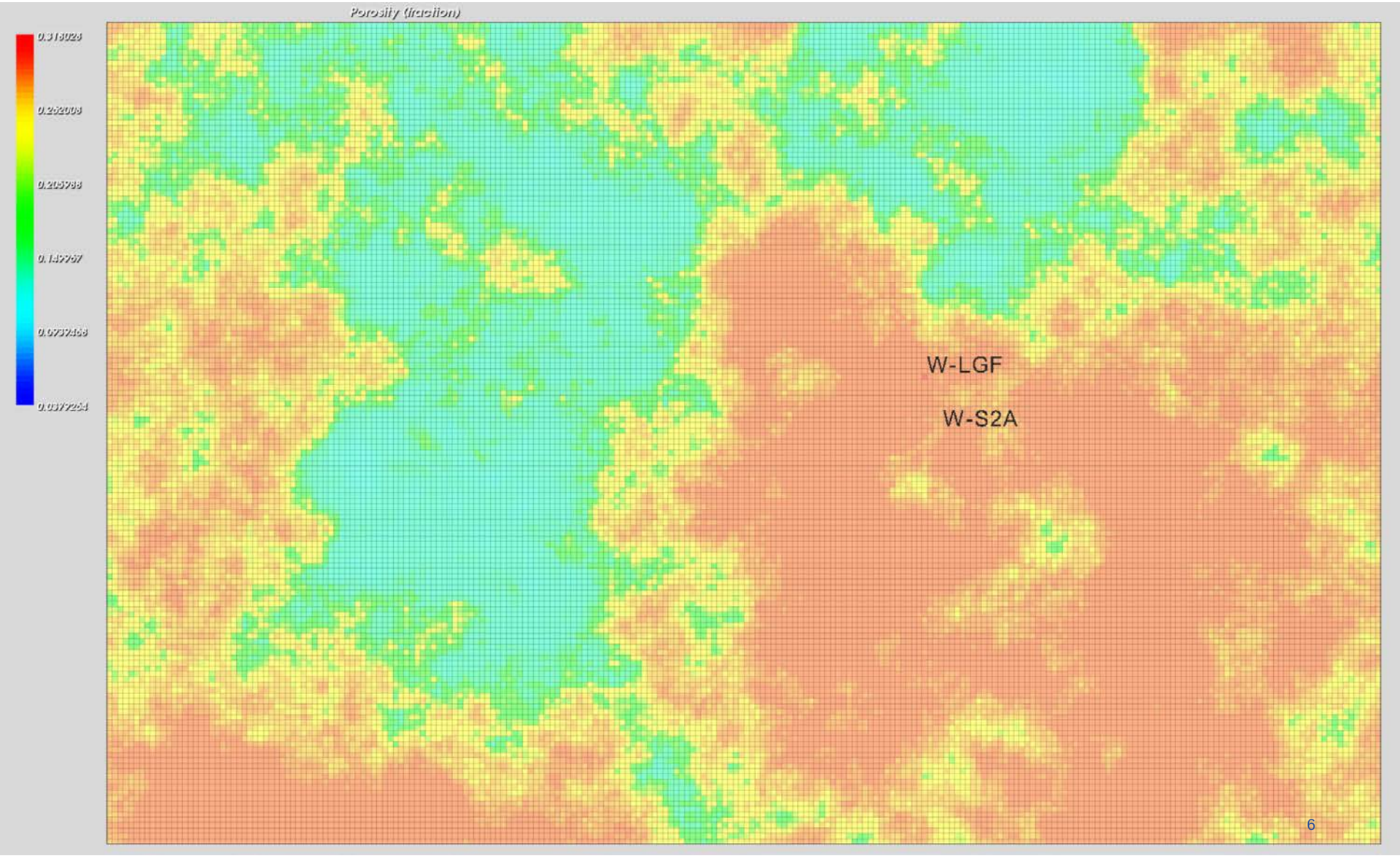
Grid Porosity = Original Porosity x NG

Annona Porosity – Layer 2



Grid Porosity = Original Porosity x NG

Annona Porosity – Layer 3



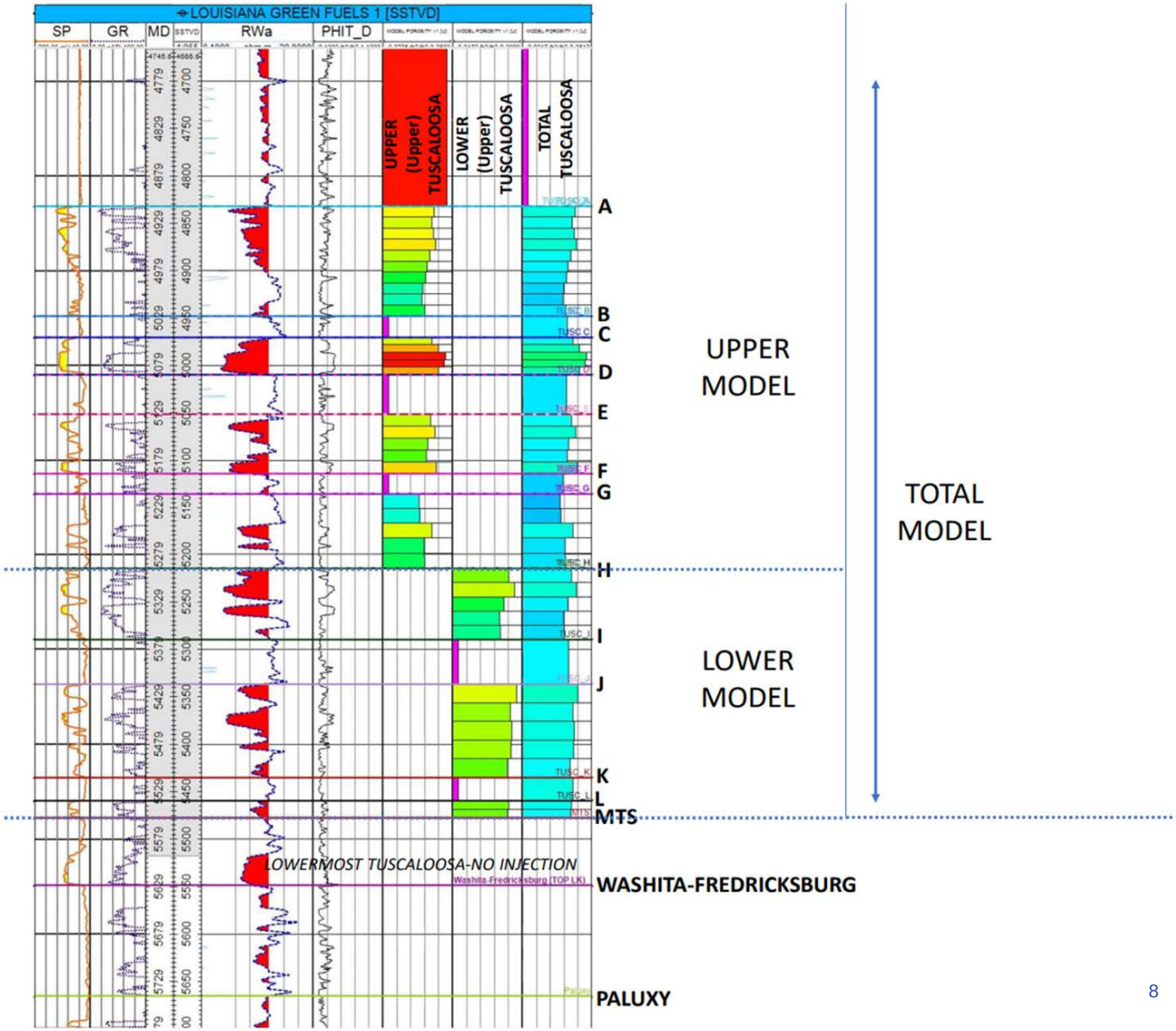
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval Model
Porosity Distribution

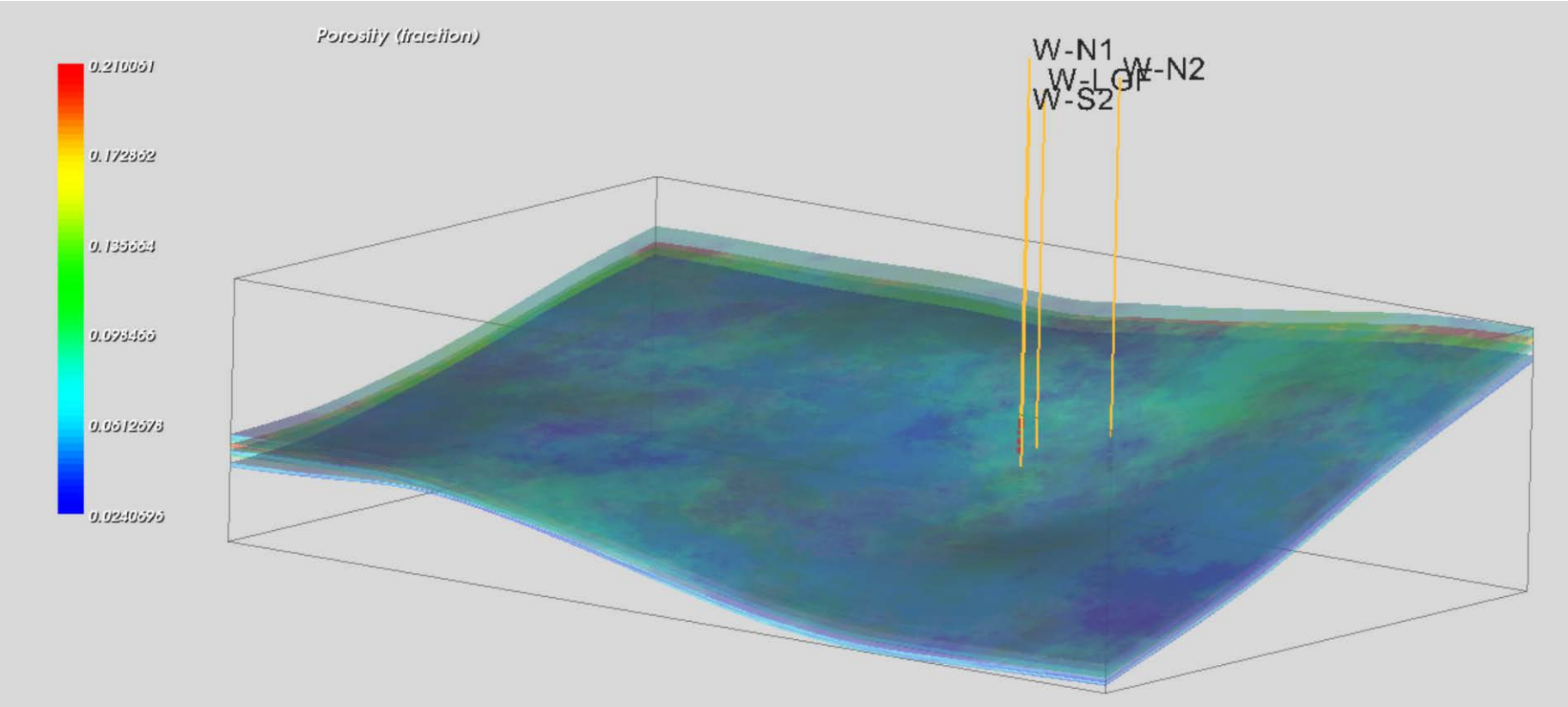
Tuscaloosa and Paluxy Model Layers

Upper
29 Layers

Lower
19 Layers
Including Paluxy

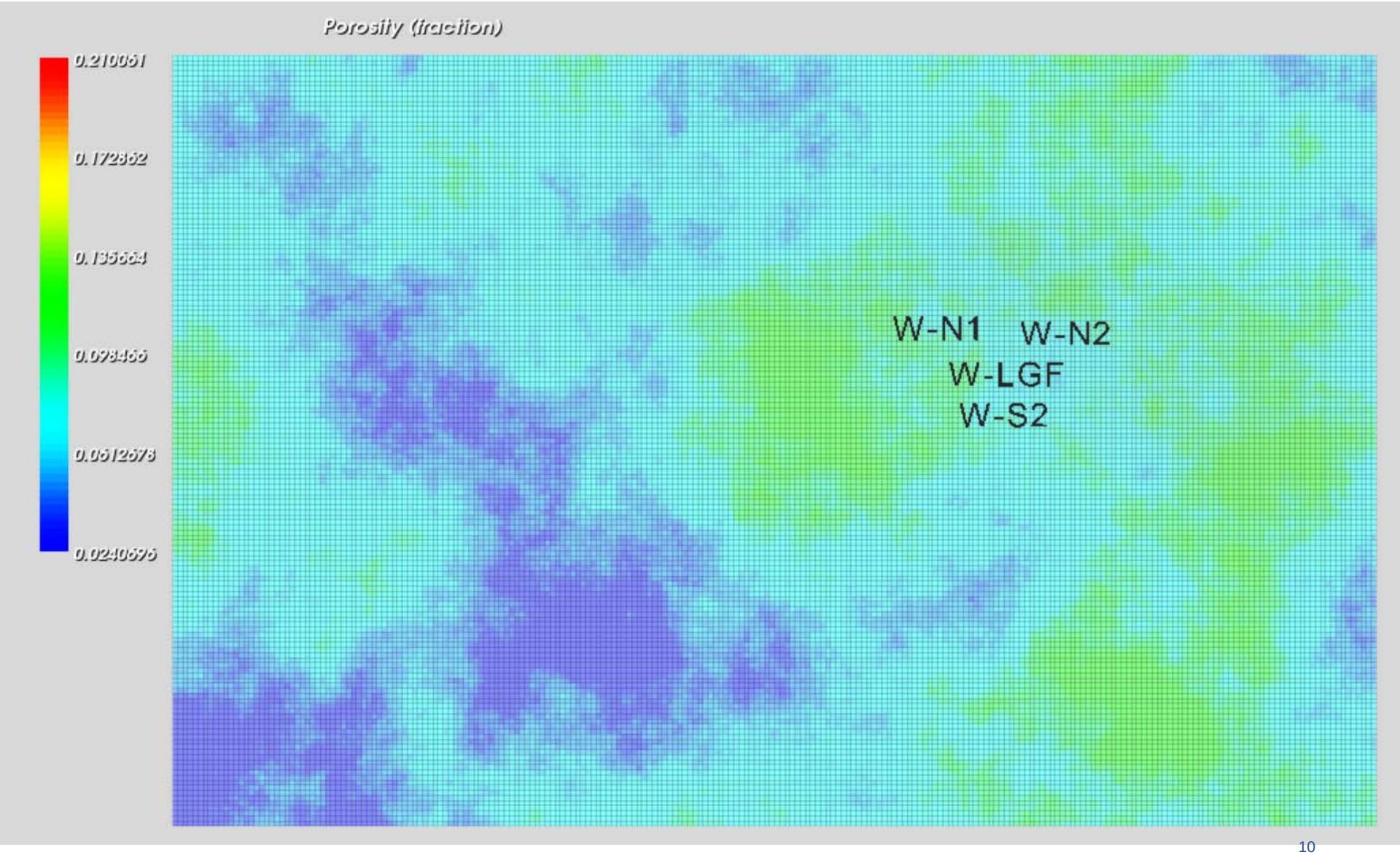


Porosity



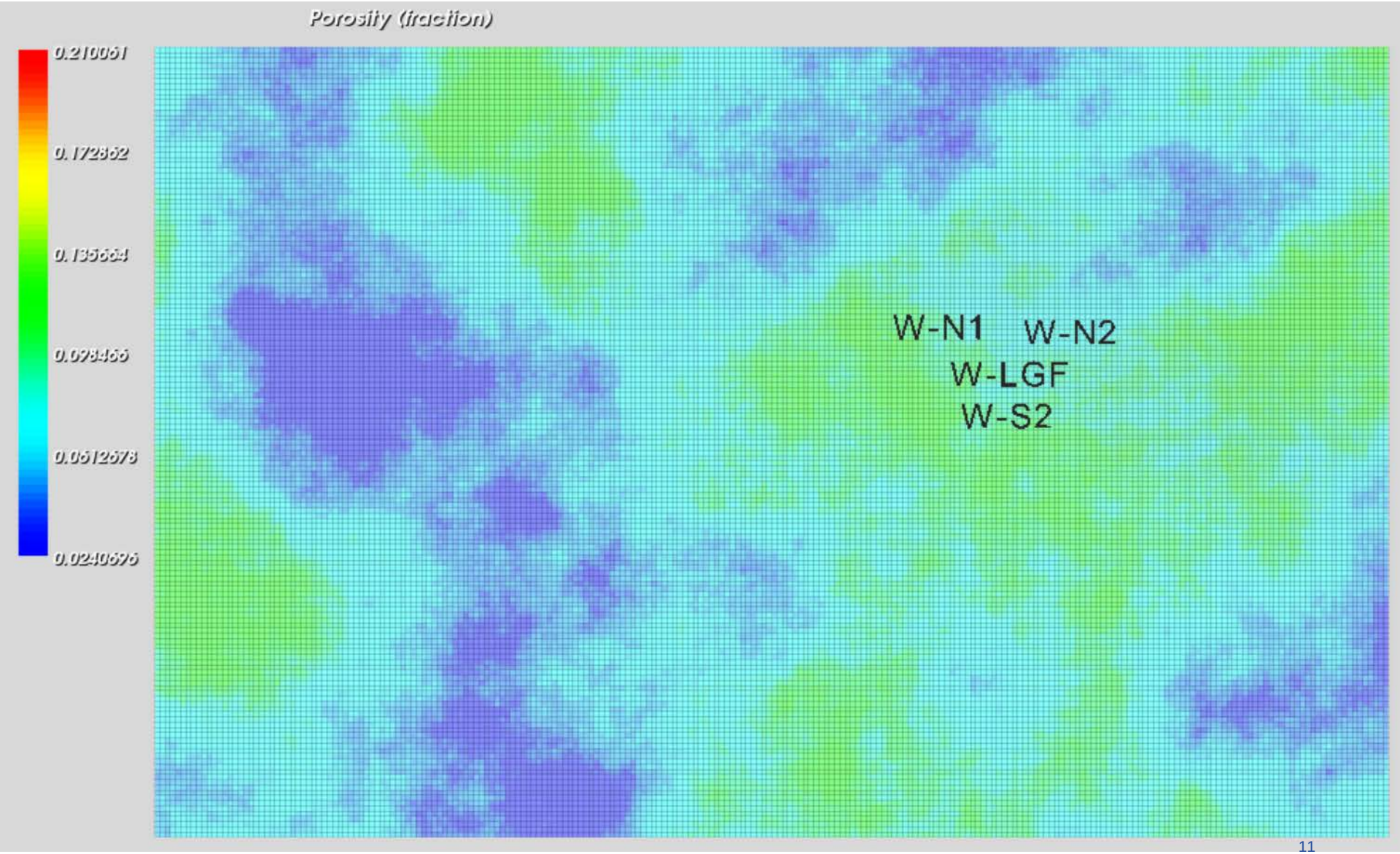
Grid Porosity = Original Porosity x NG
Vertical Exaggeration: 10x

Upper Tuscaloosa Upper Interval - Porosity – Layer 2



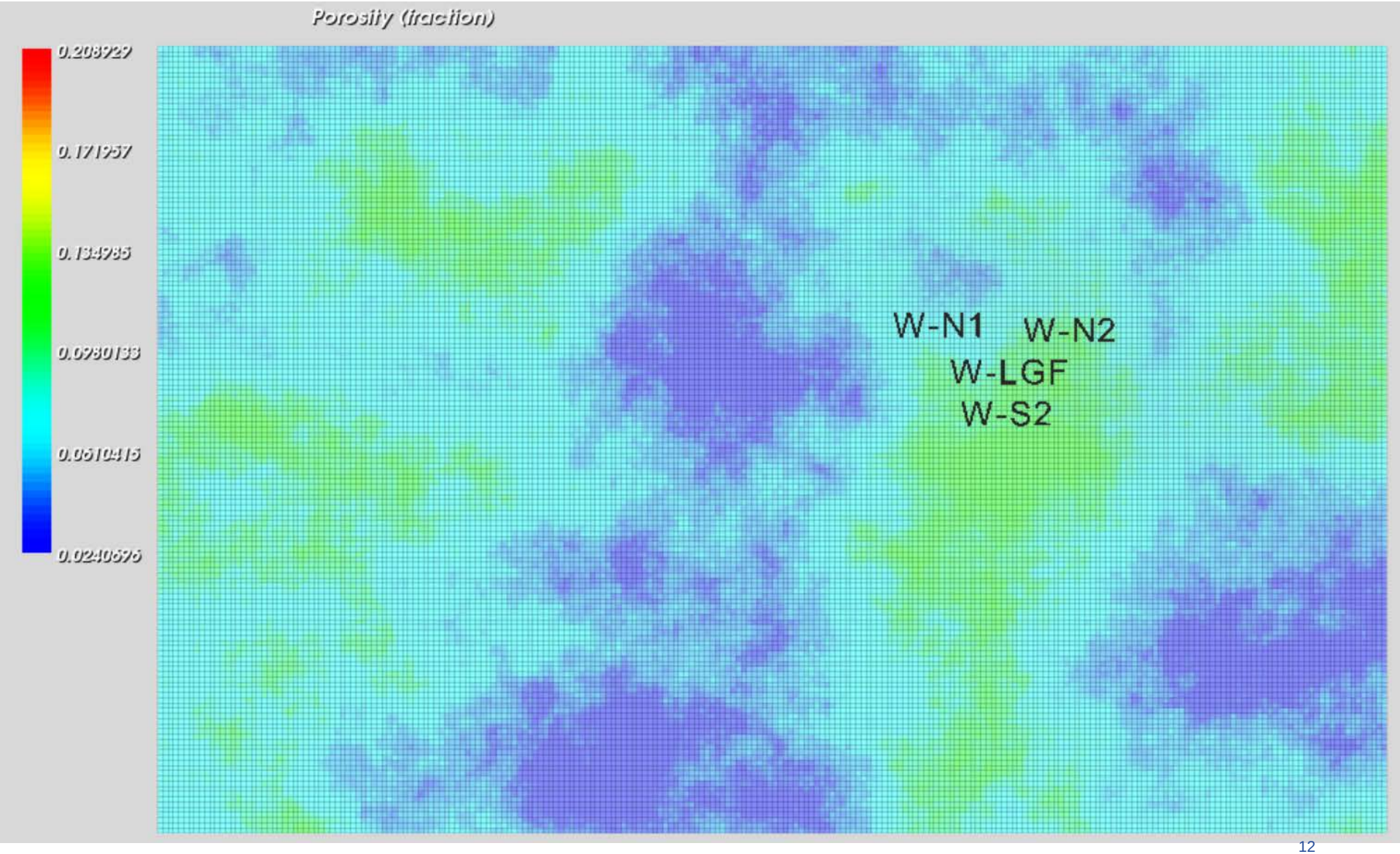
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 3



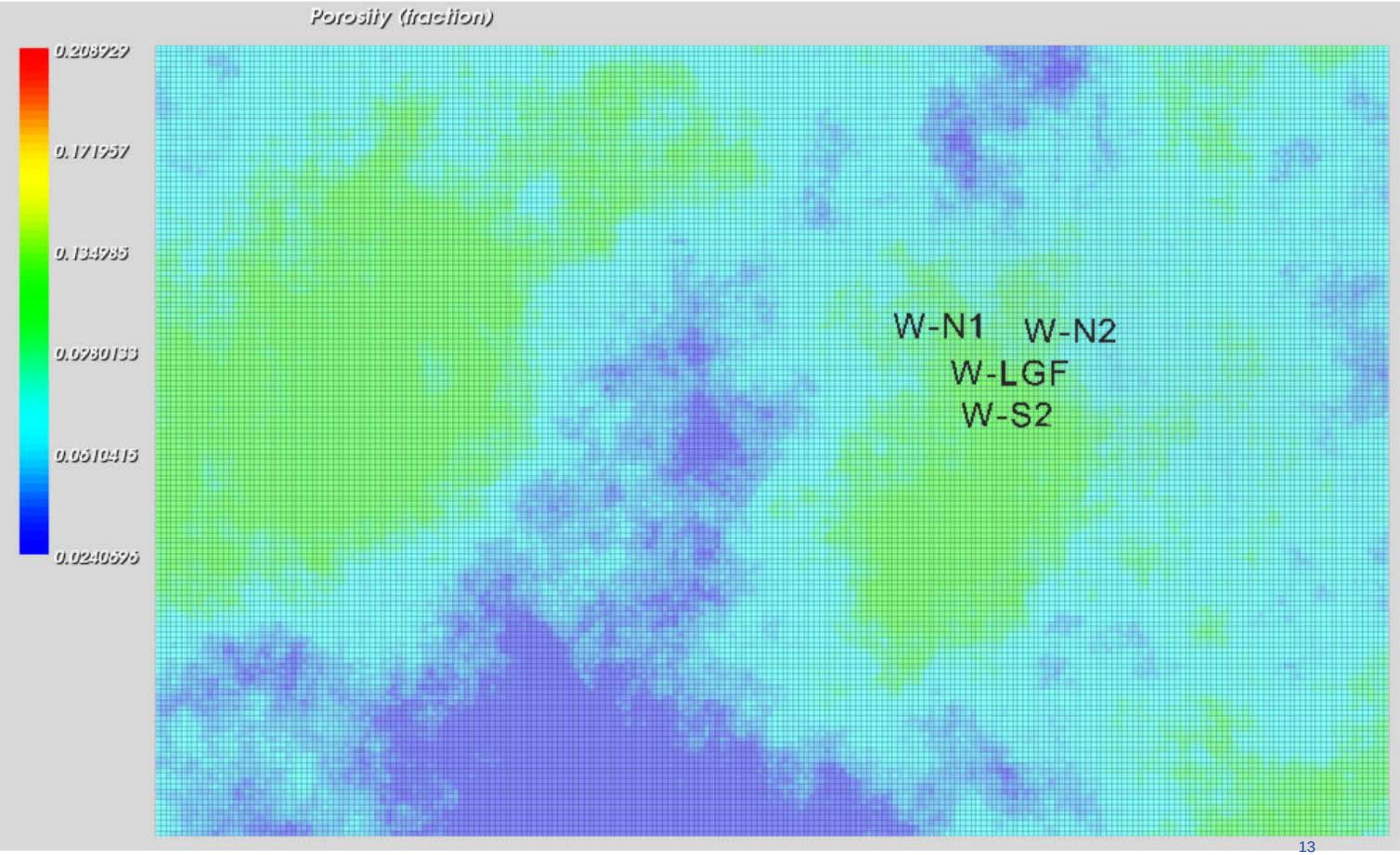
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 4



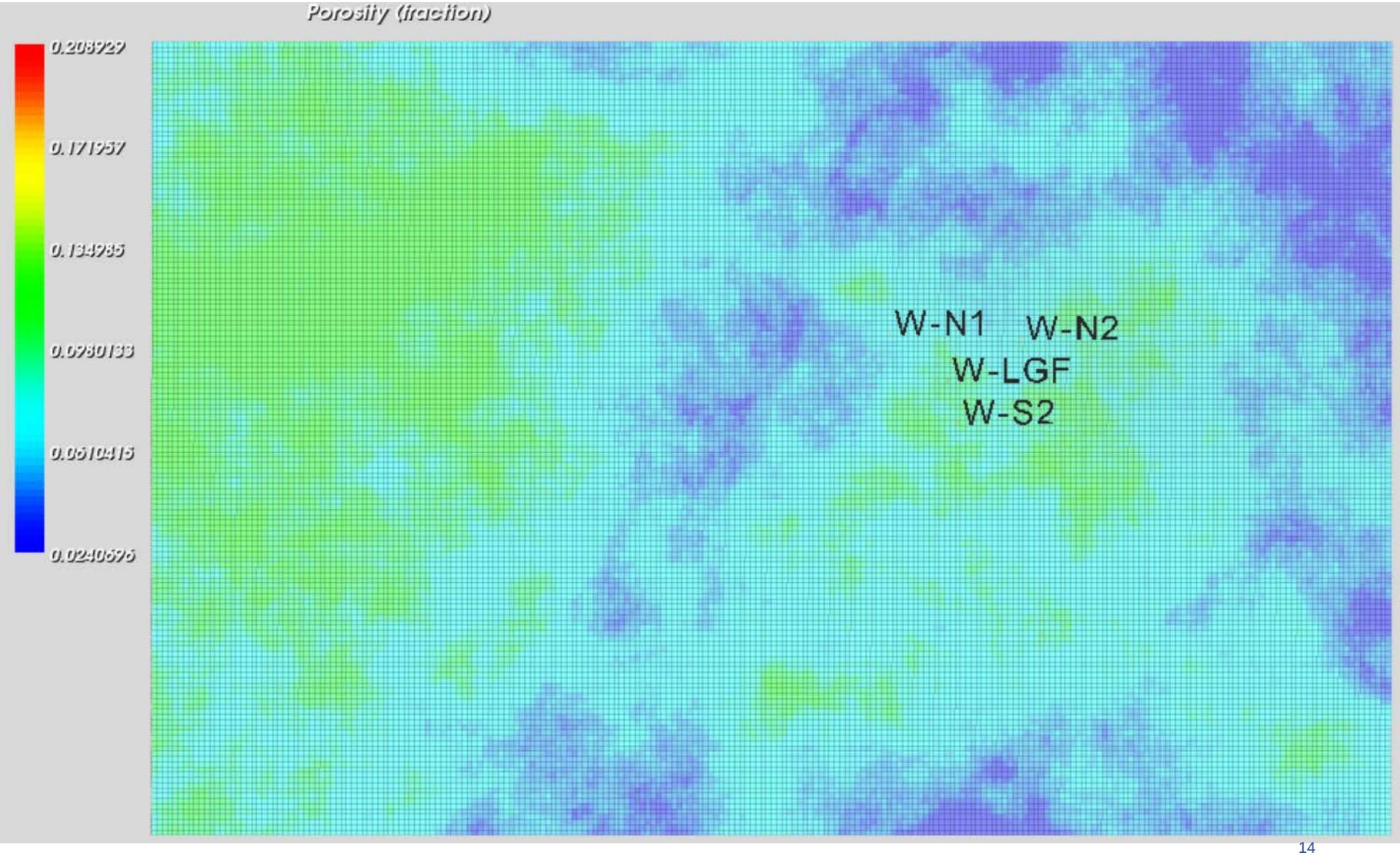
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 5



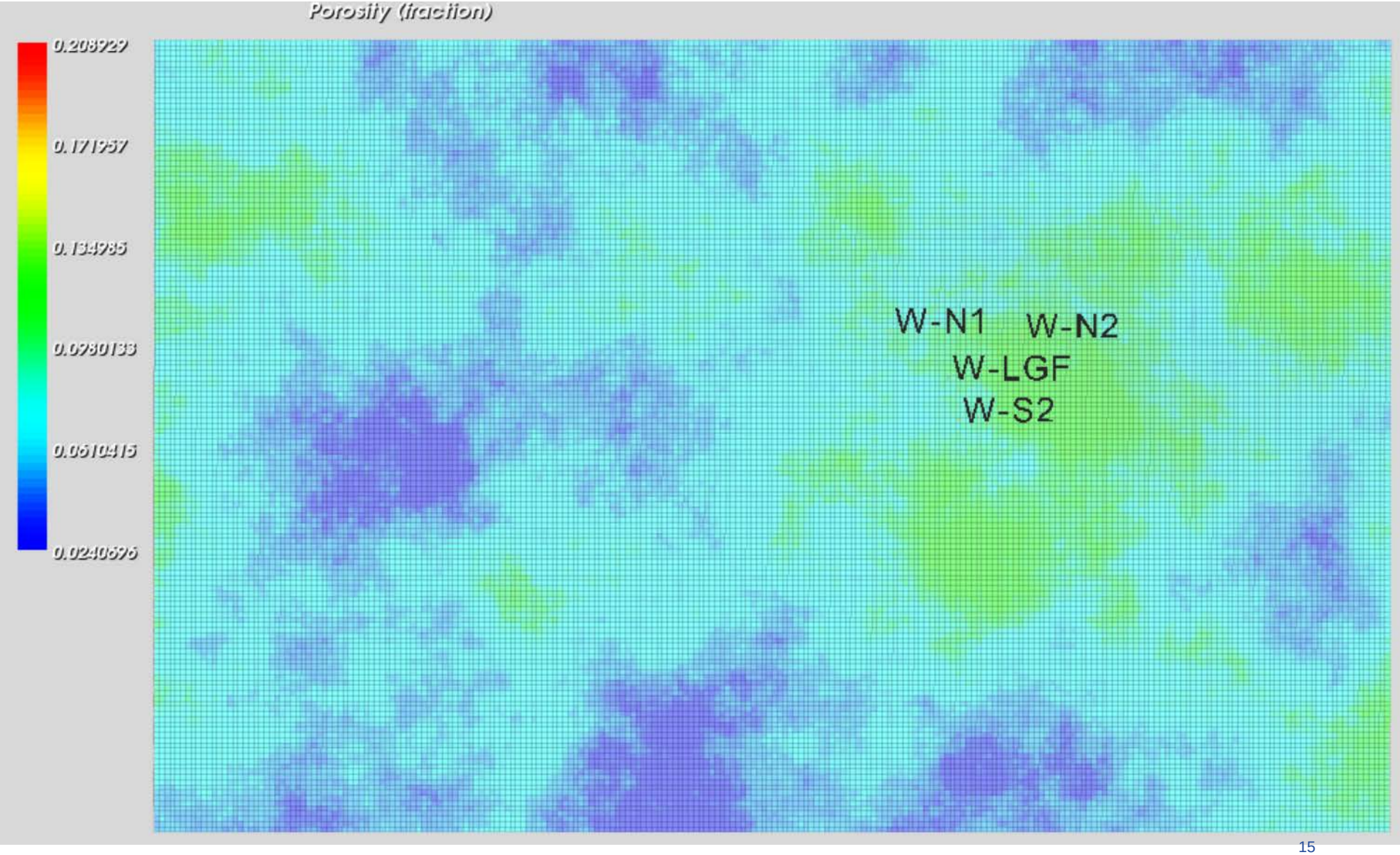
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 6



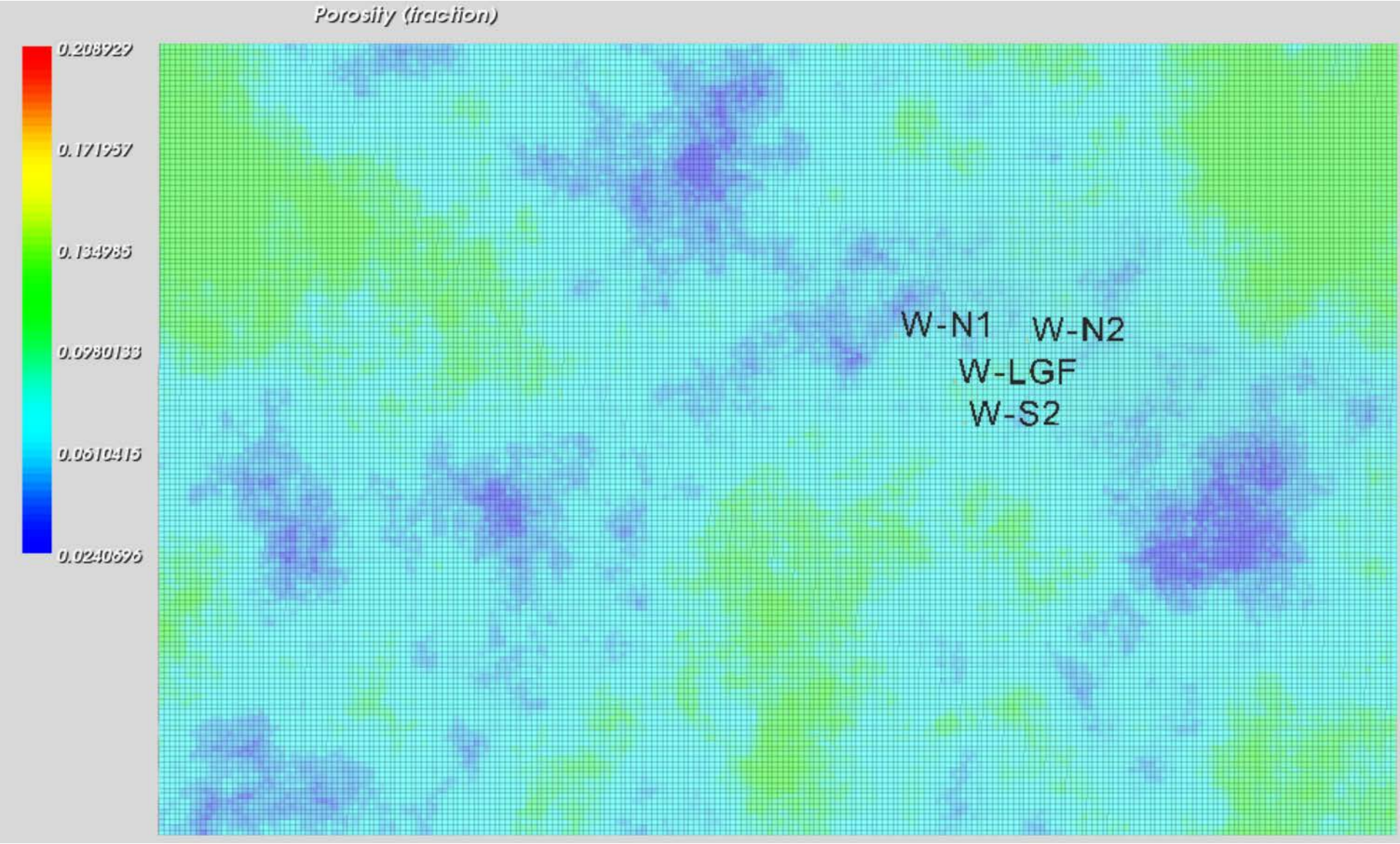
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 7



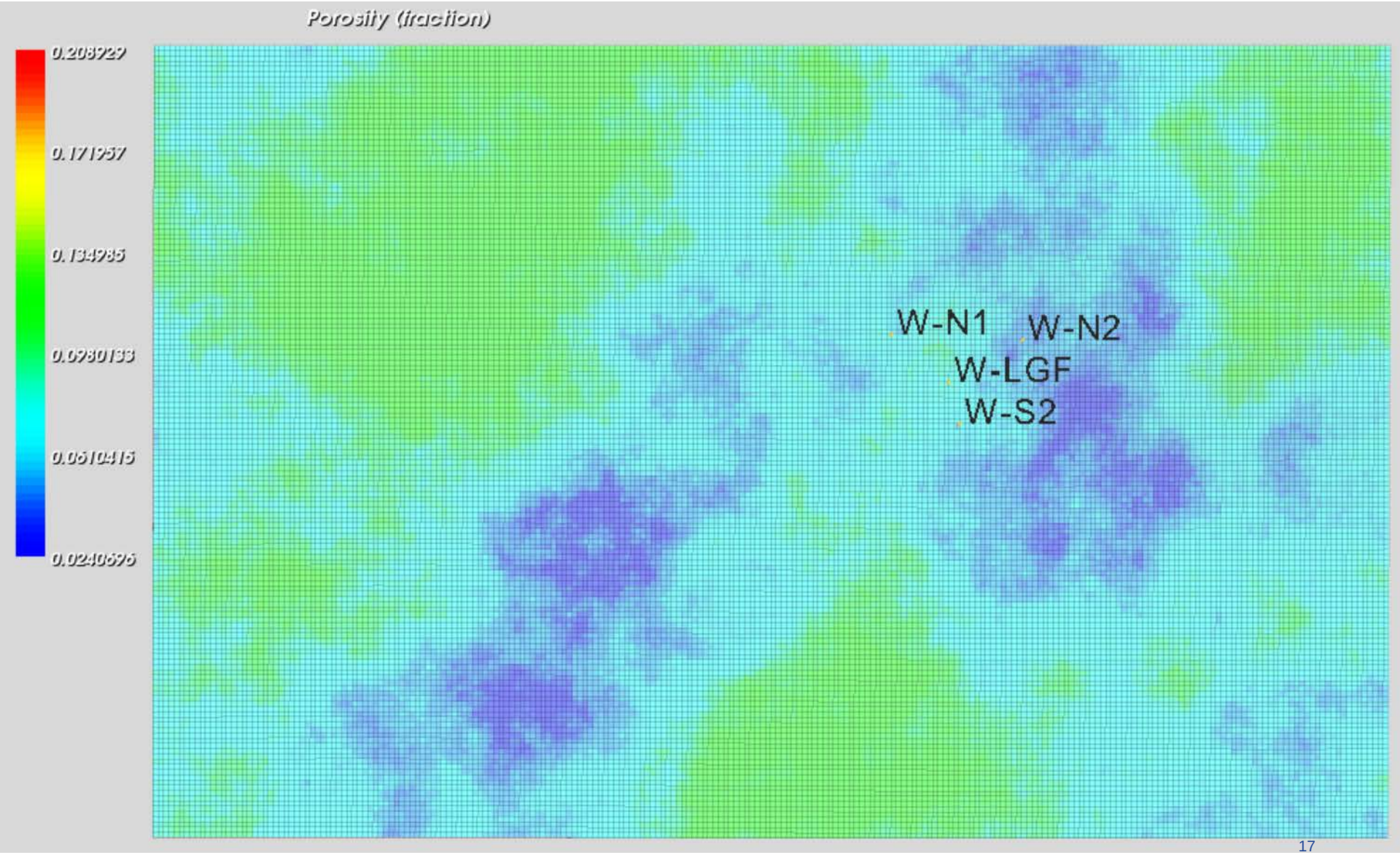
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 8



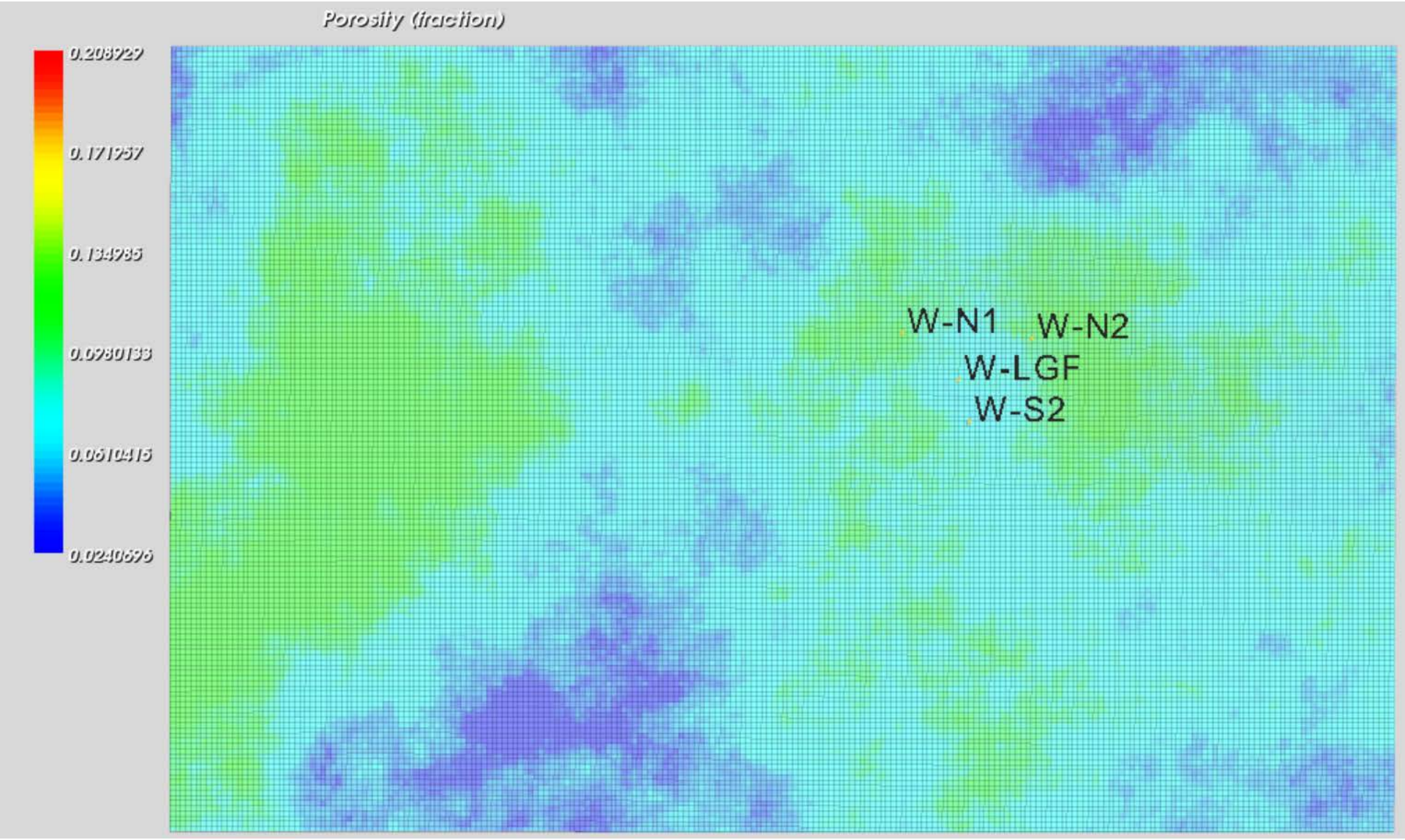
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 9



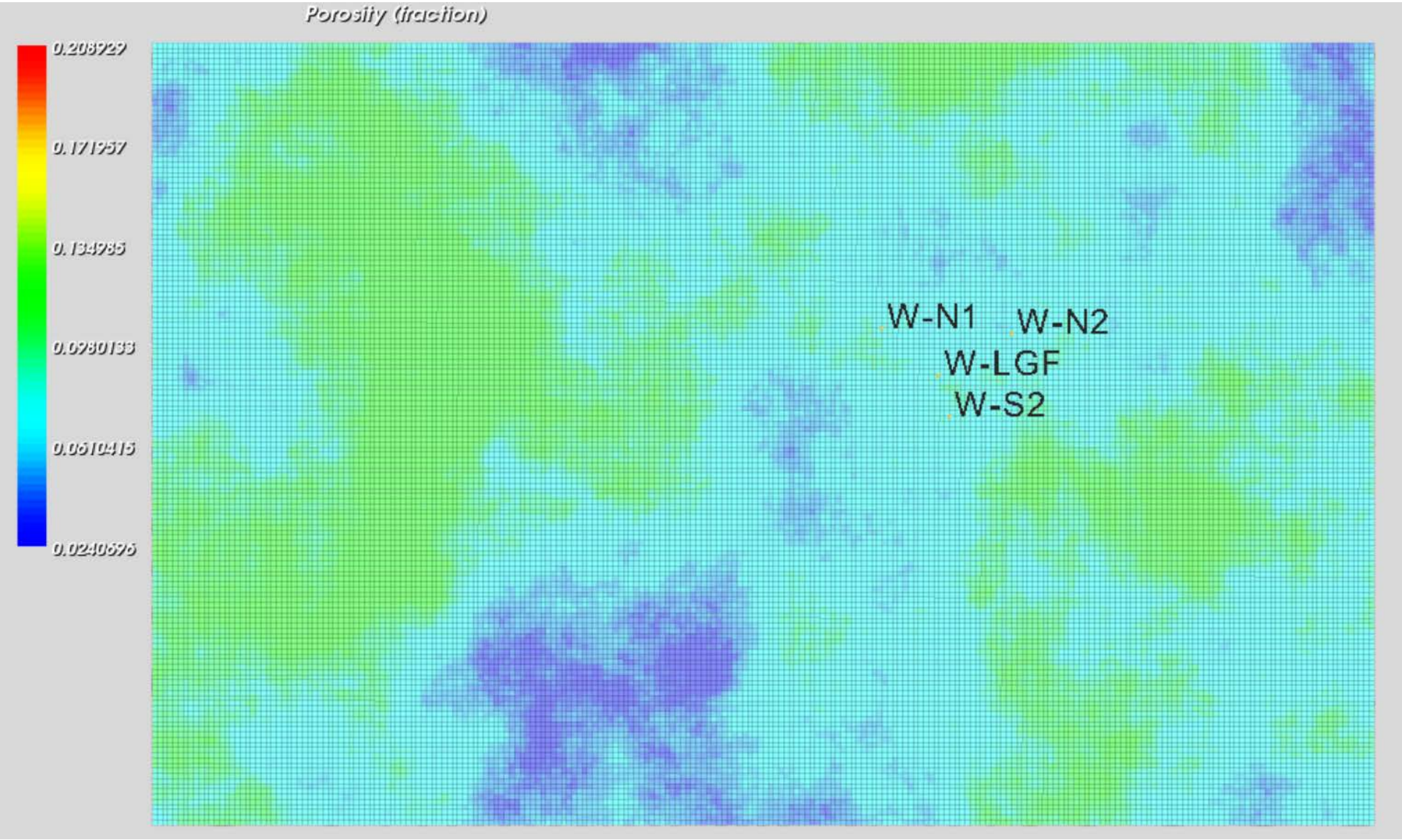
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 10



Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 11

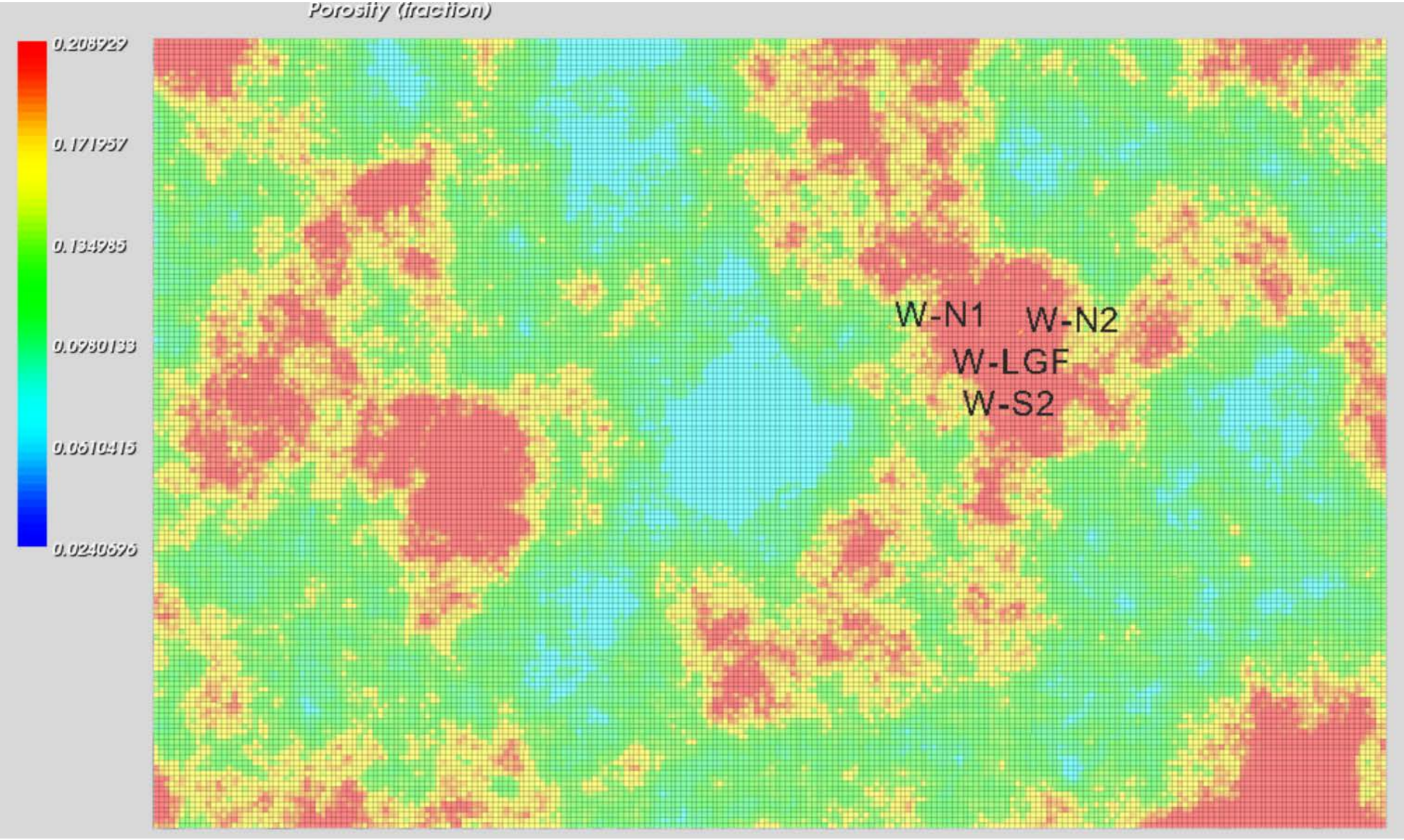


Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 12

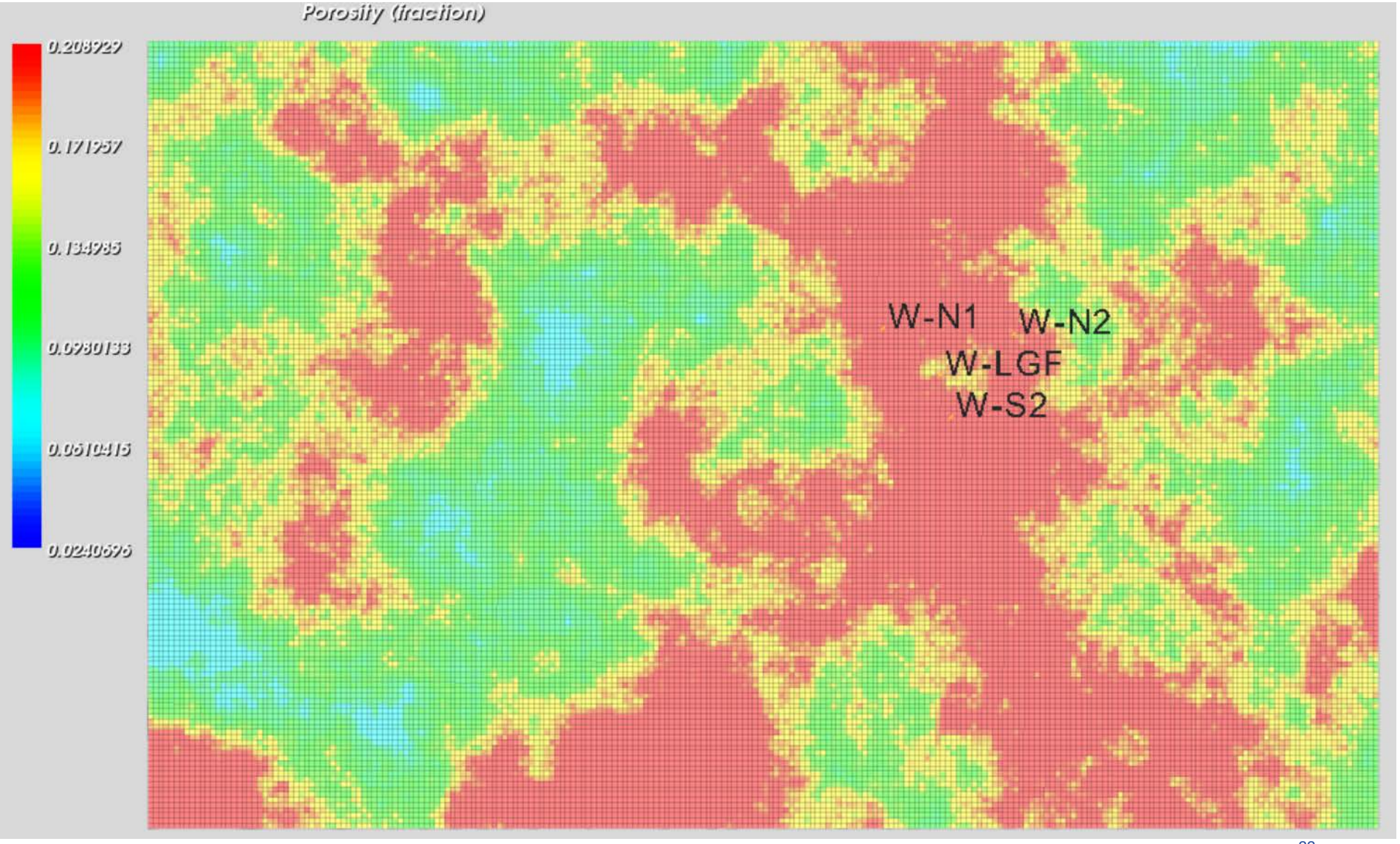
Layer 12 – PHI = 0

Upper Tuscaloosa Upper Interval - Porosity – Layer 13



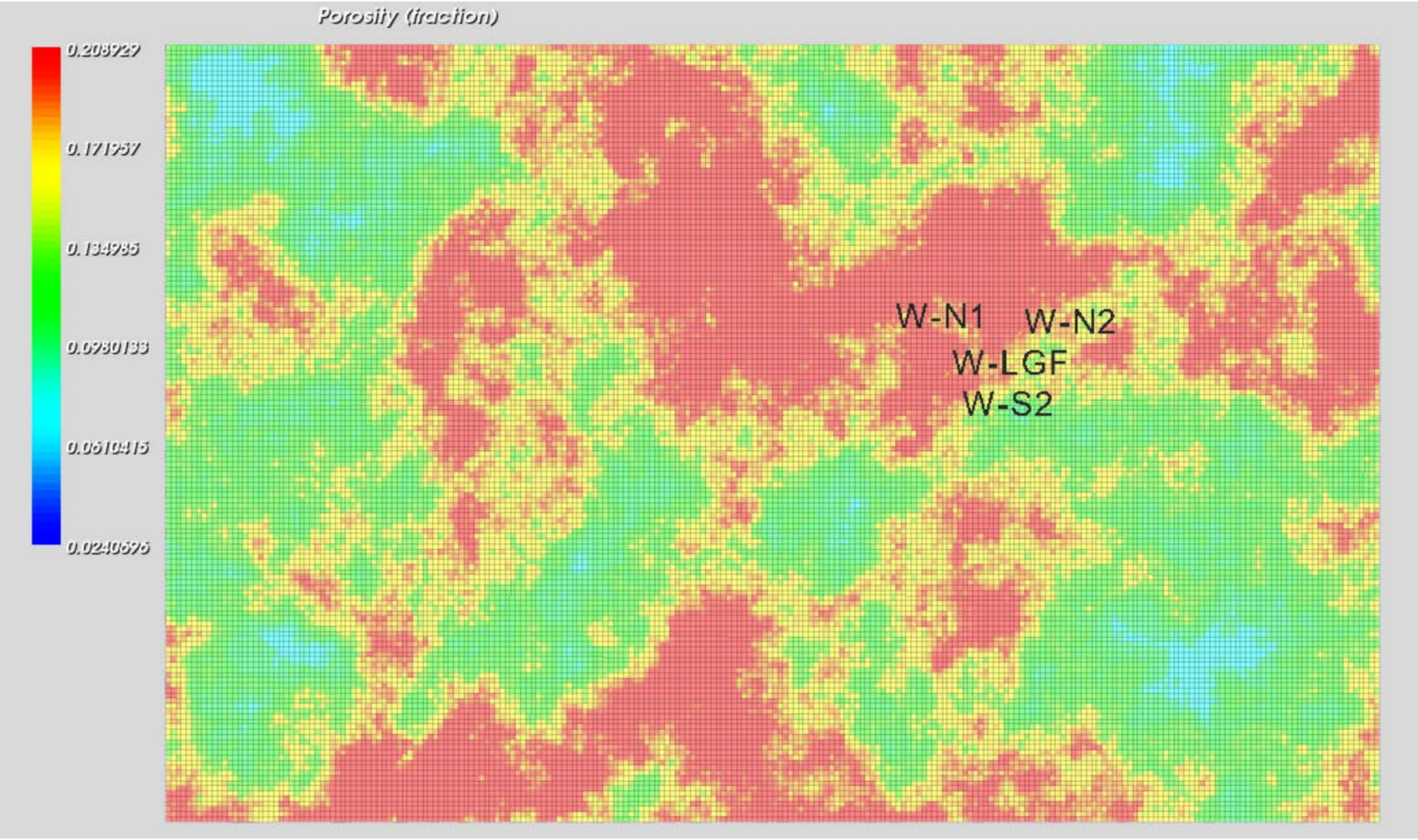
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 14



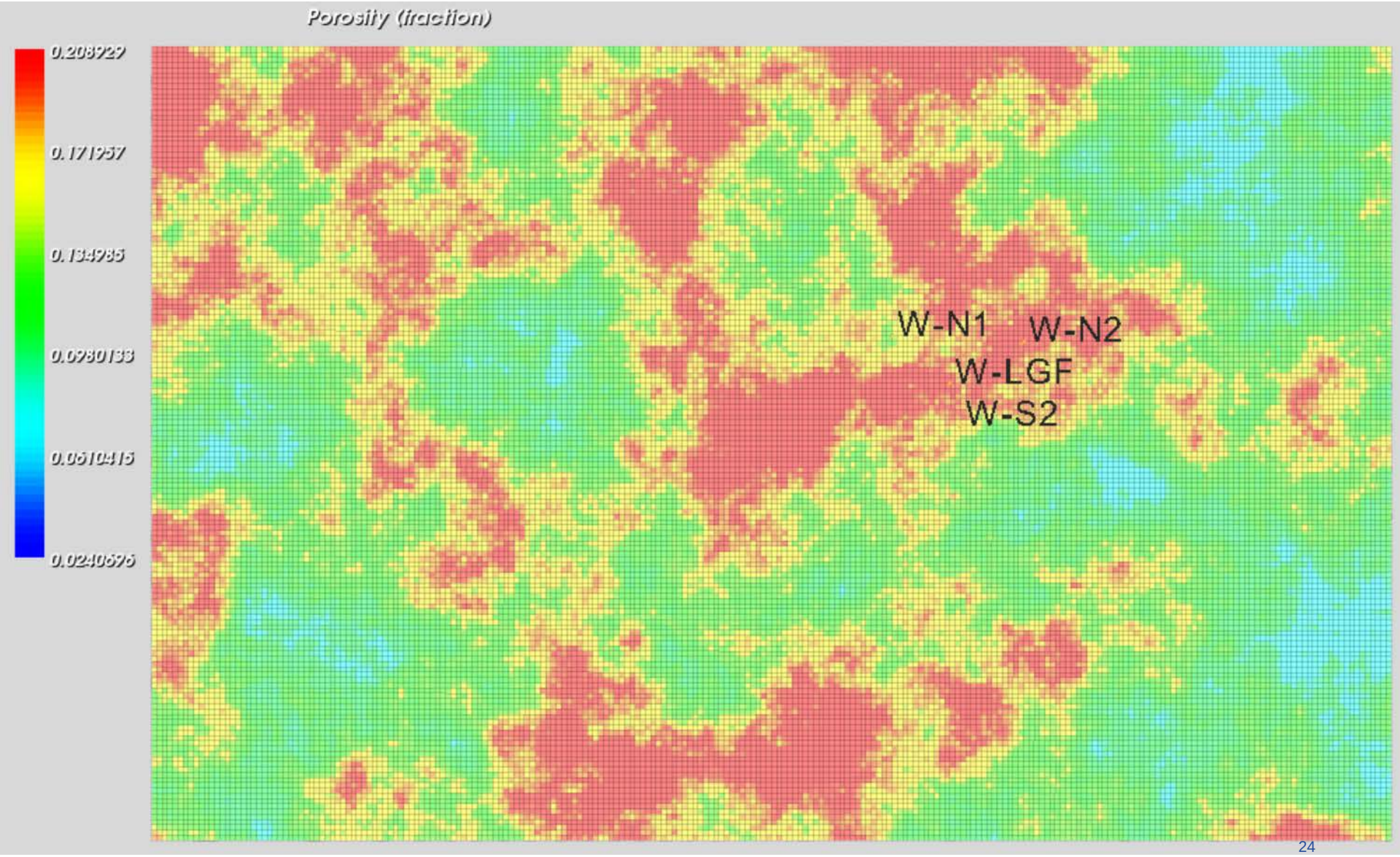
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 15



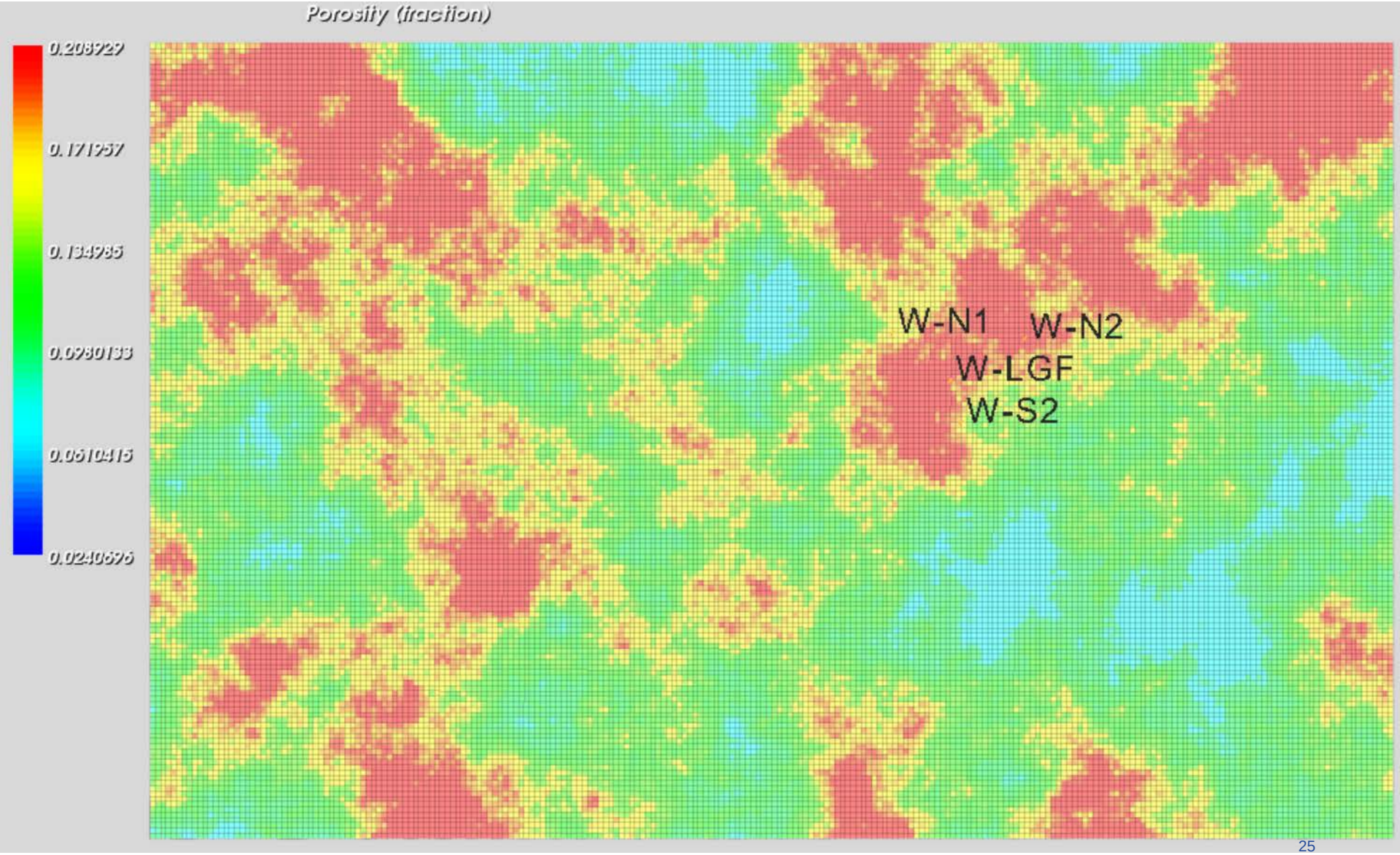
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 16



Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 17

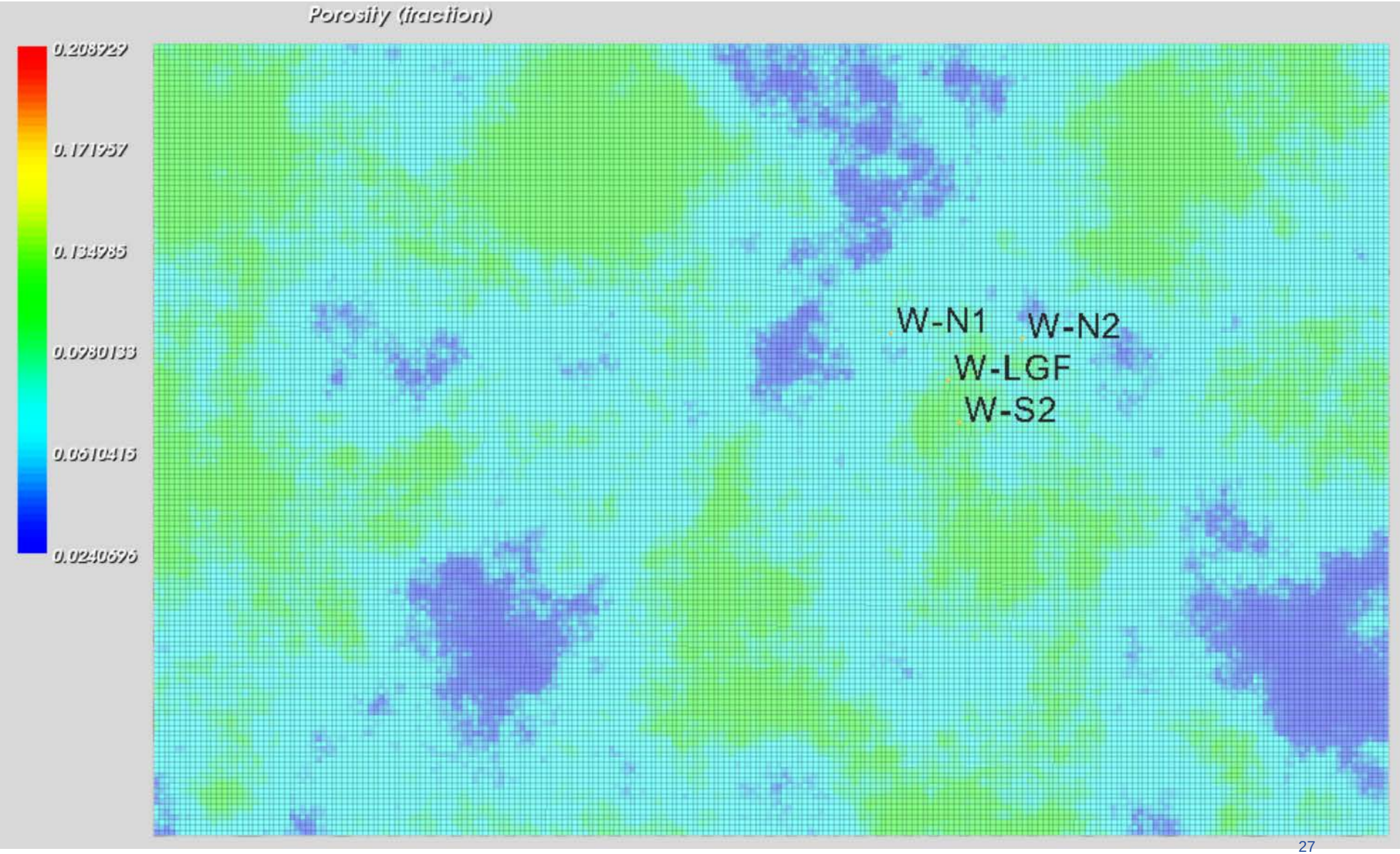


Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 18

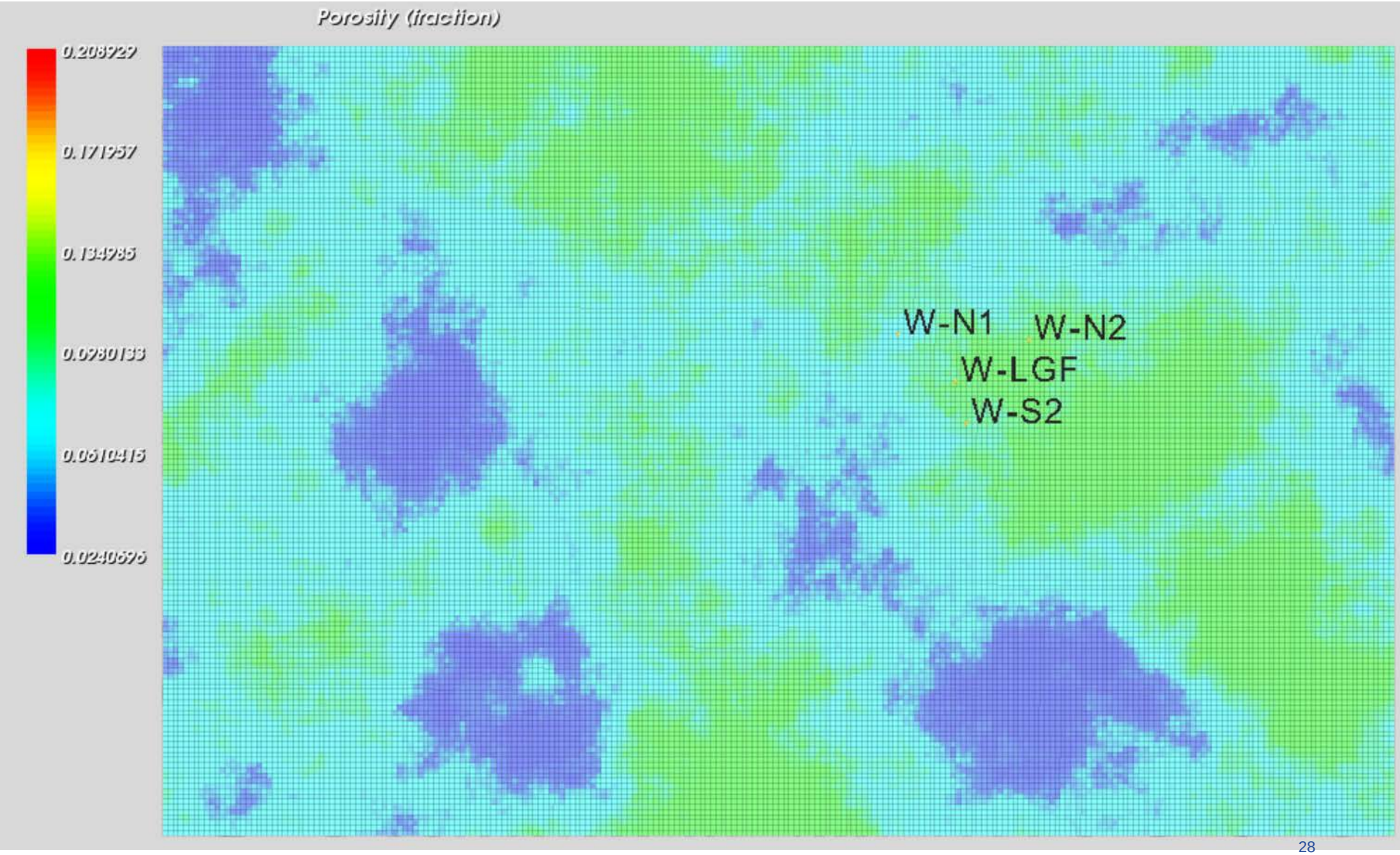
Layer 18 – PHI = 0

Upper Tuscaloosa Upper Interval - Porosity – Layer 19



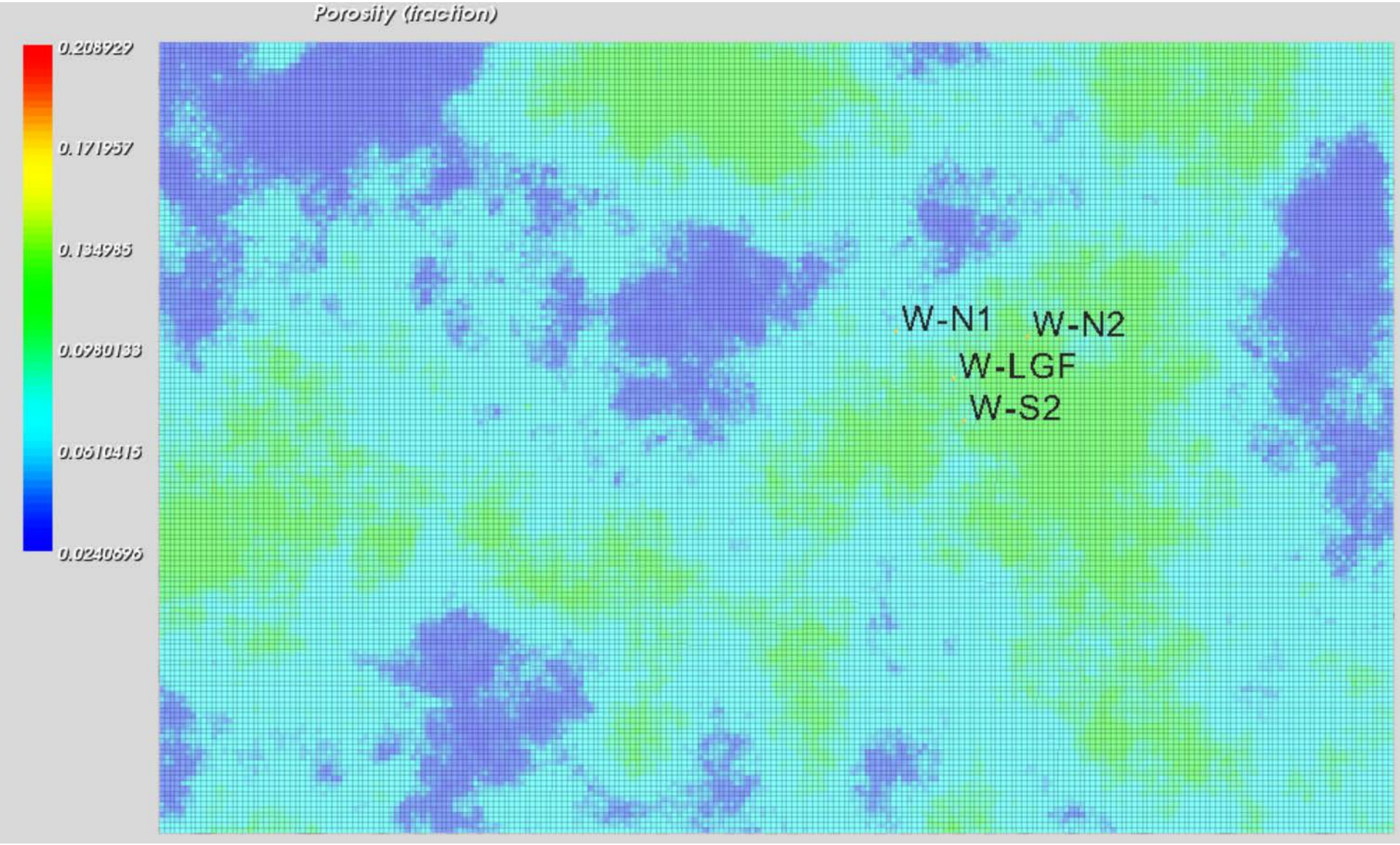
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 20



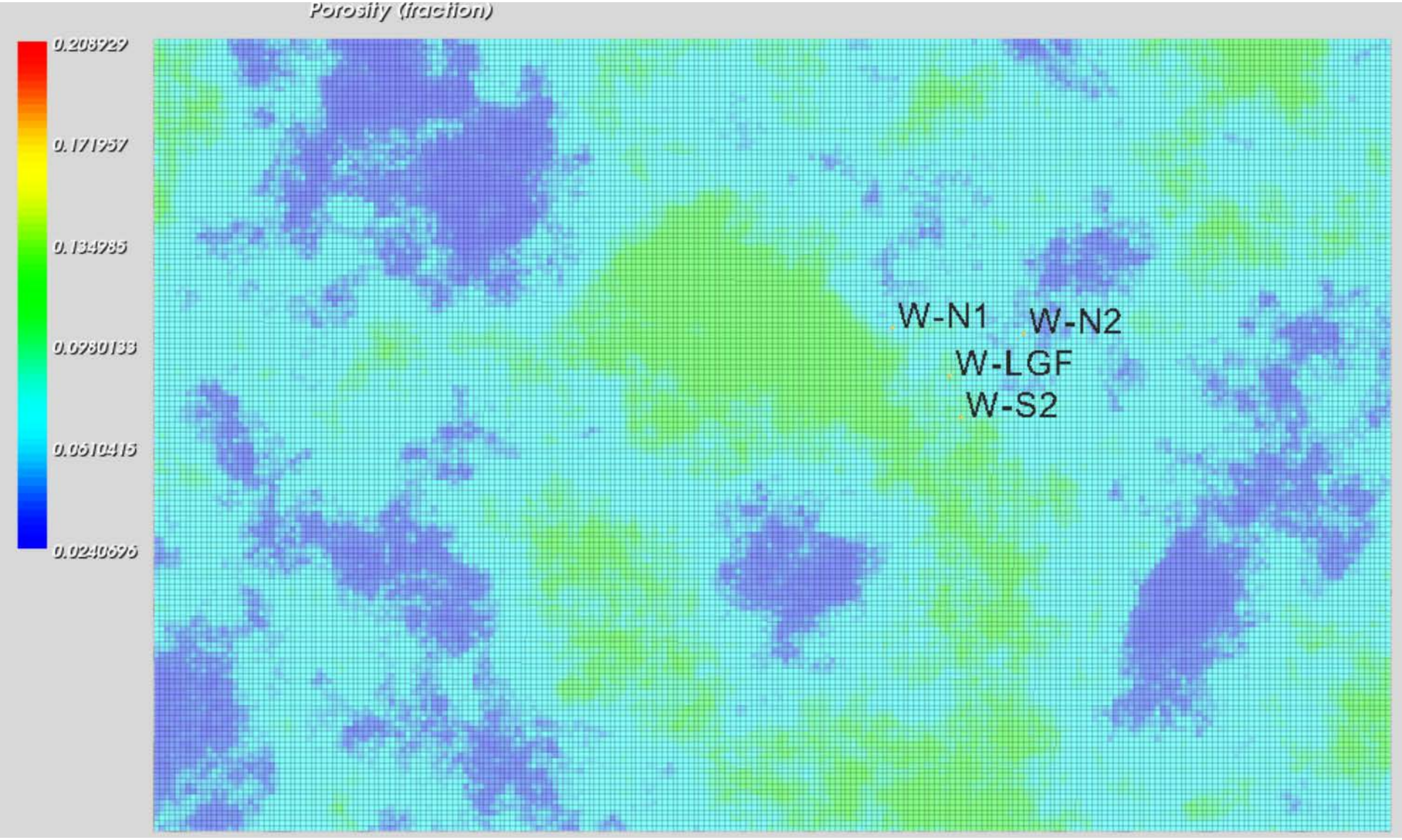
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 21



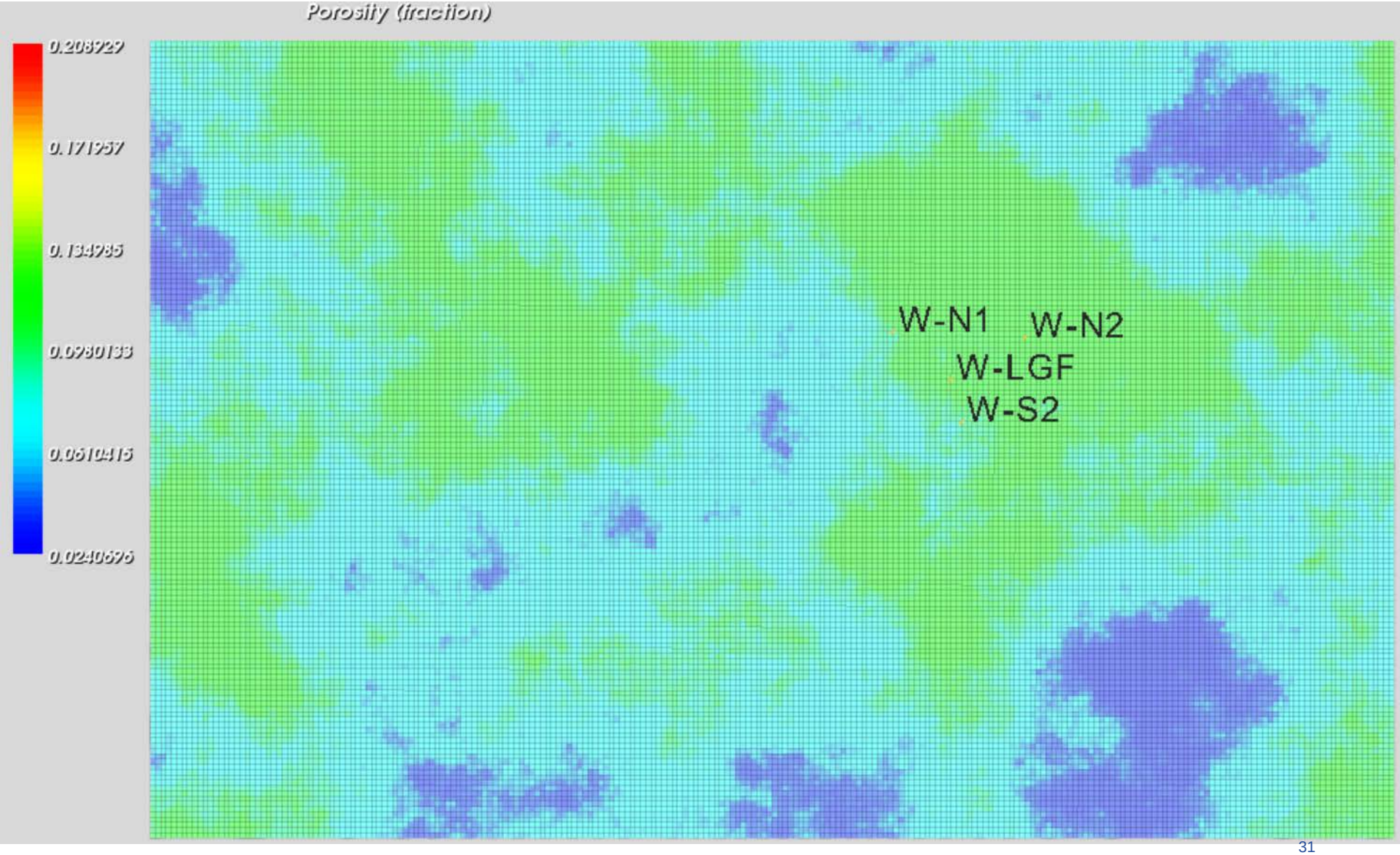
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 22



Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 23



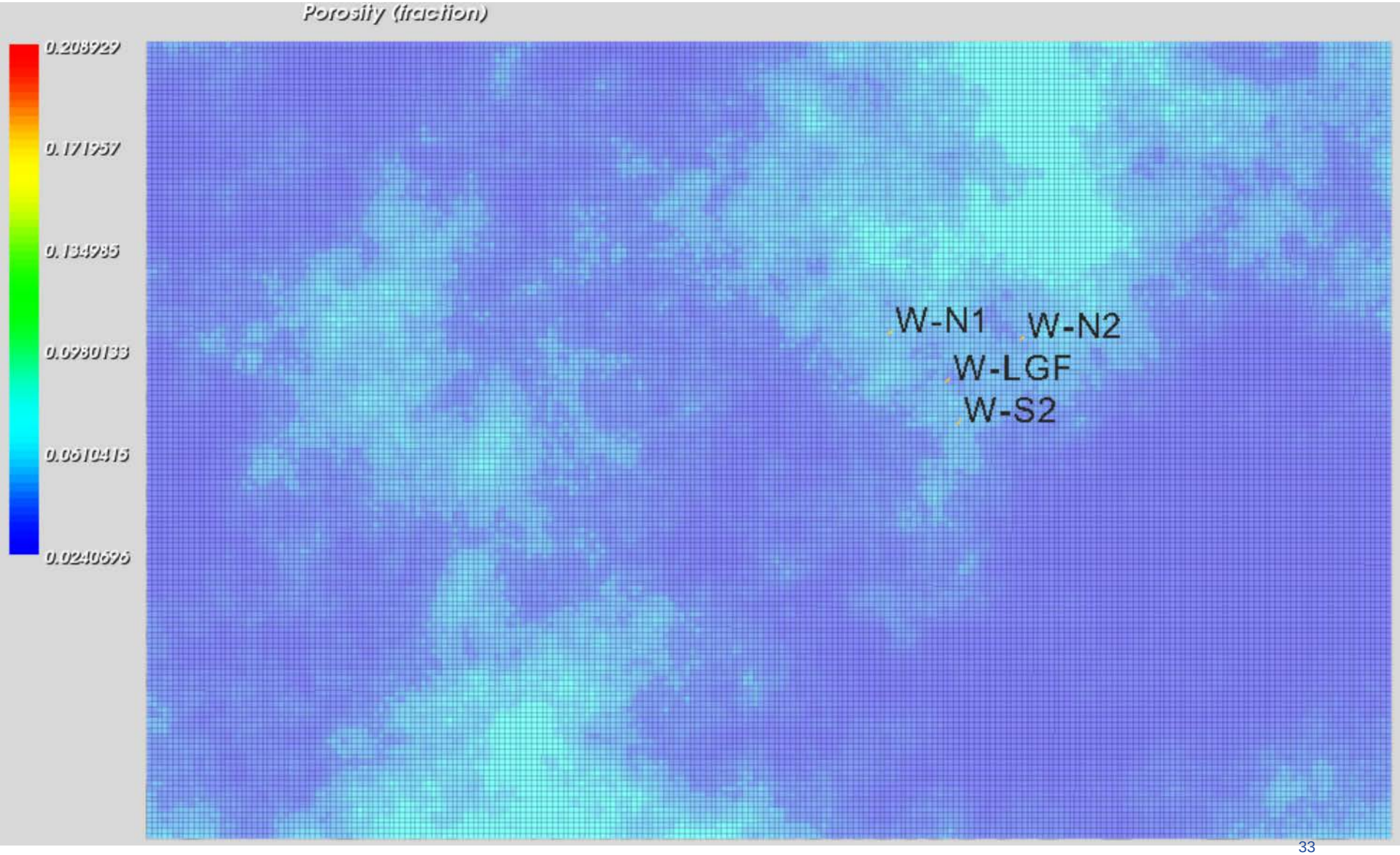
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 24

Layer 24 – PHI = 0

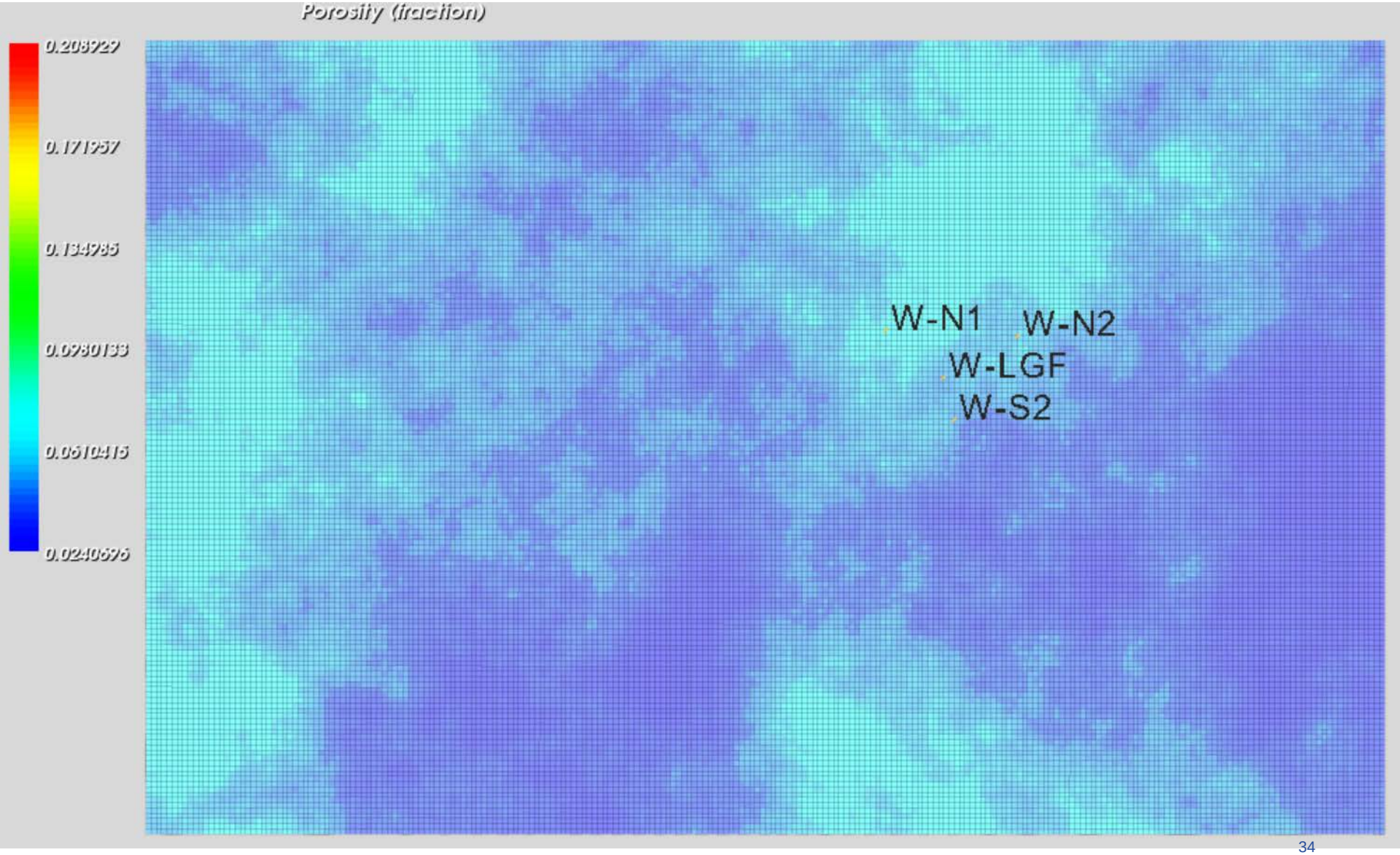
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 25



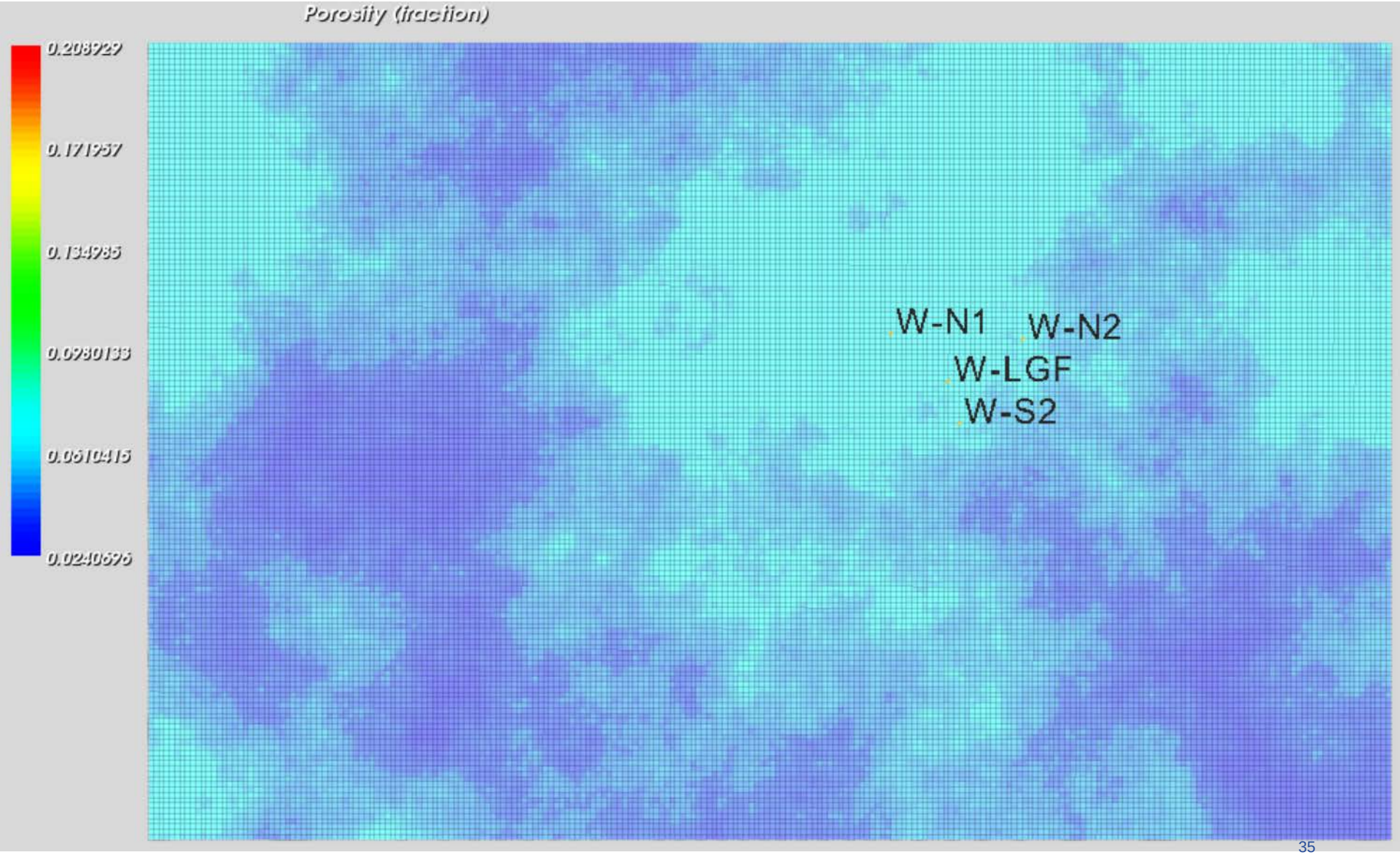
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 26



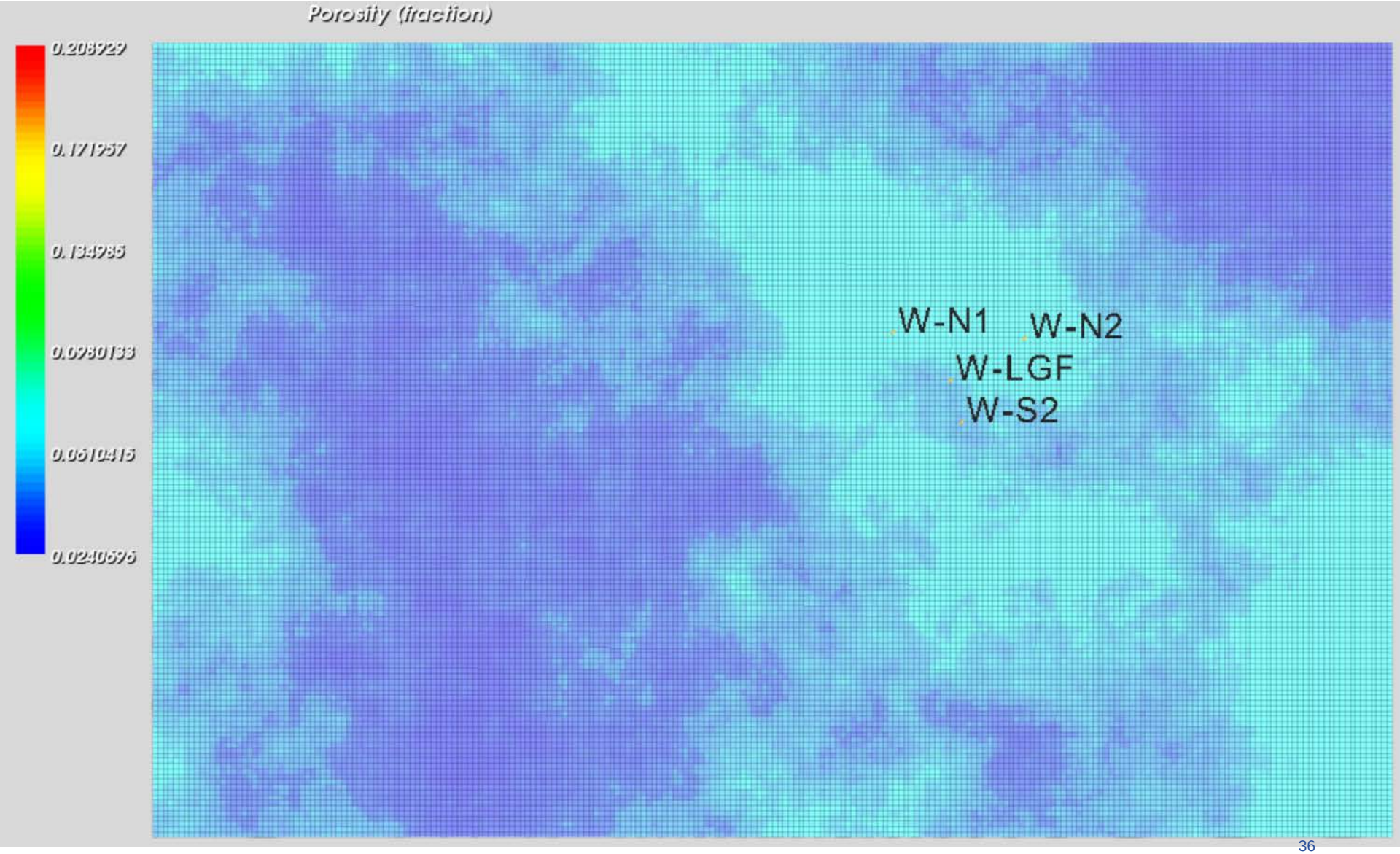
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 27



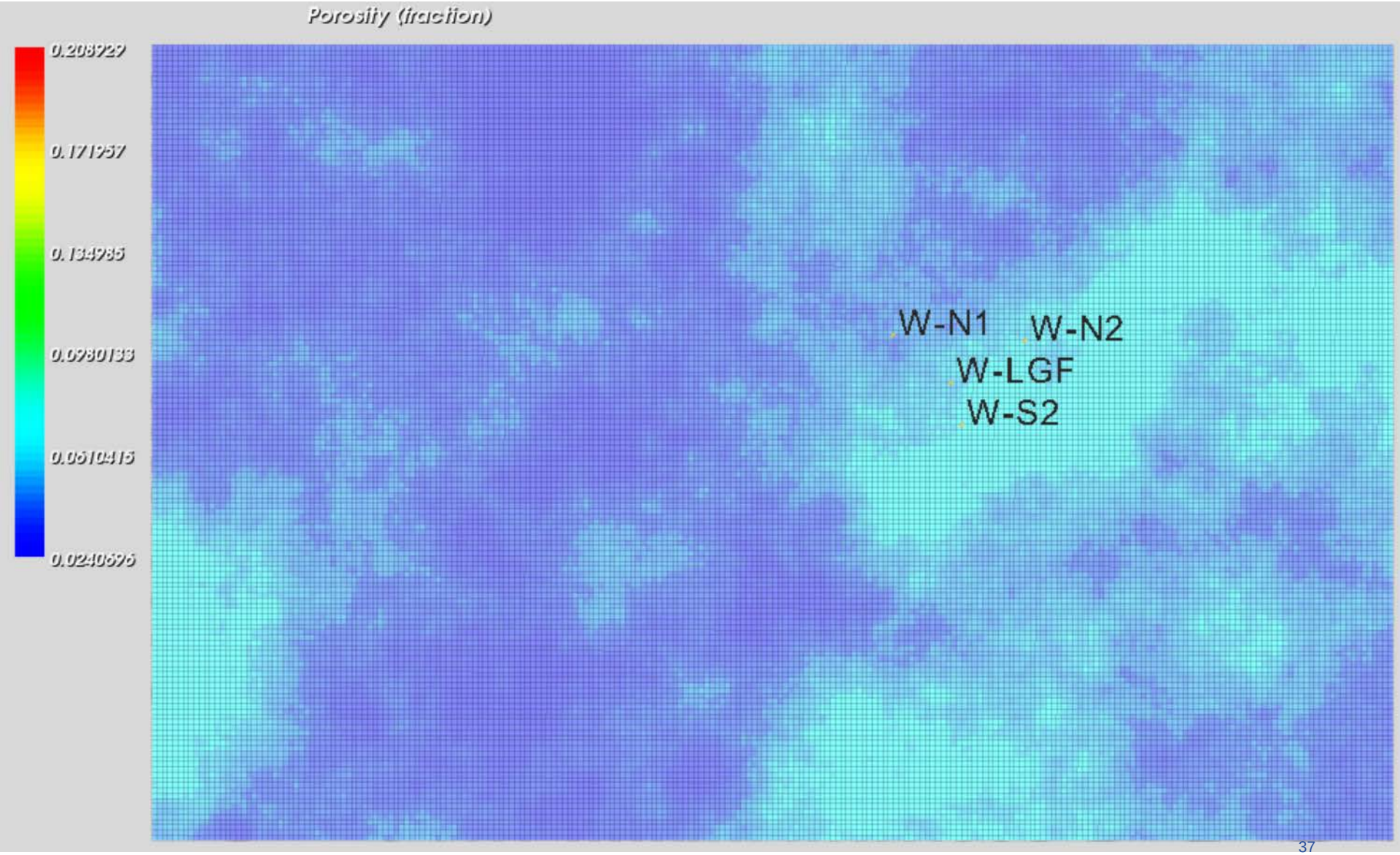
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 28



Grid Porosity = Original Porosity x NG

Upper Tuscaloosa Upper Interval - Porosity – Layer 29



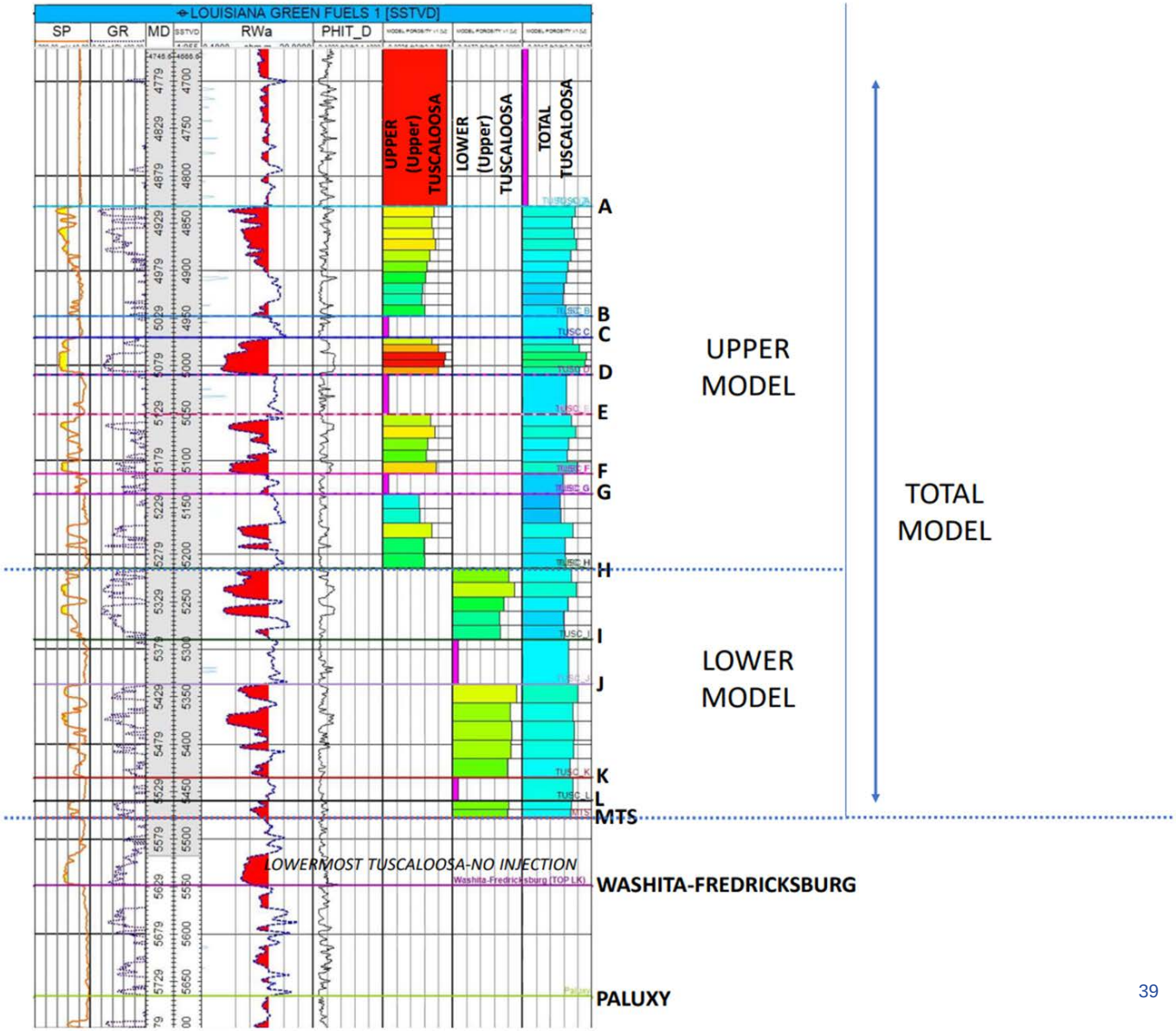
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa (Lower Interval) / Paluxy Model
Porosity Distribution

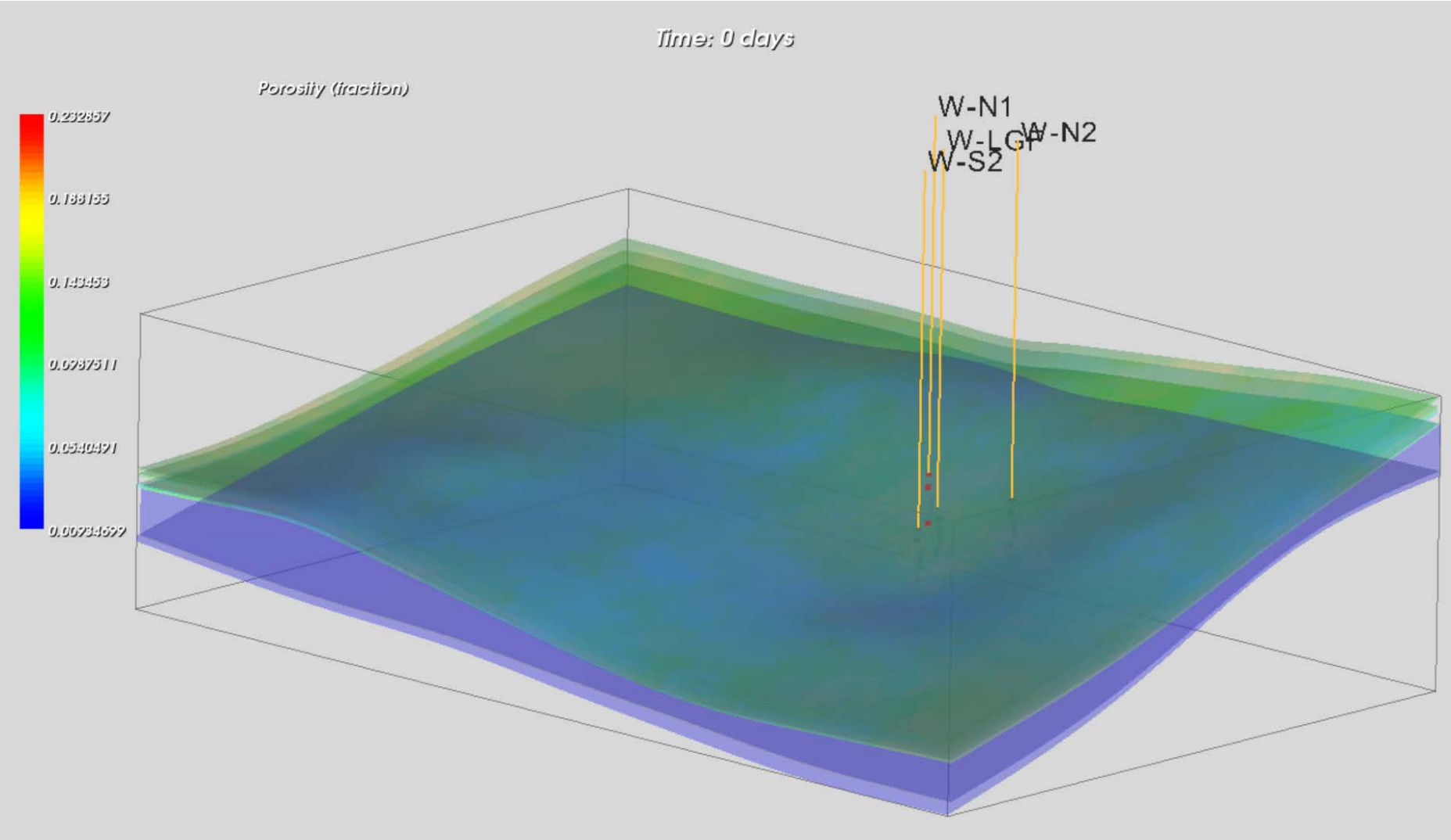
Tuscaloosa and Paluxy Model Layers

Upper
29 Layers

Lower
19 Layers
Including Paluxy

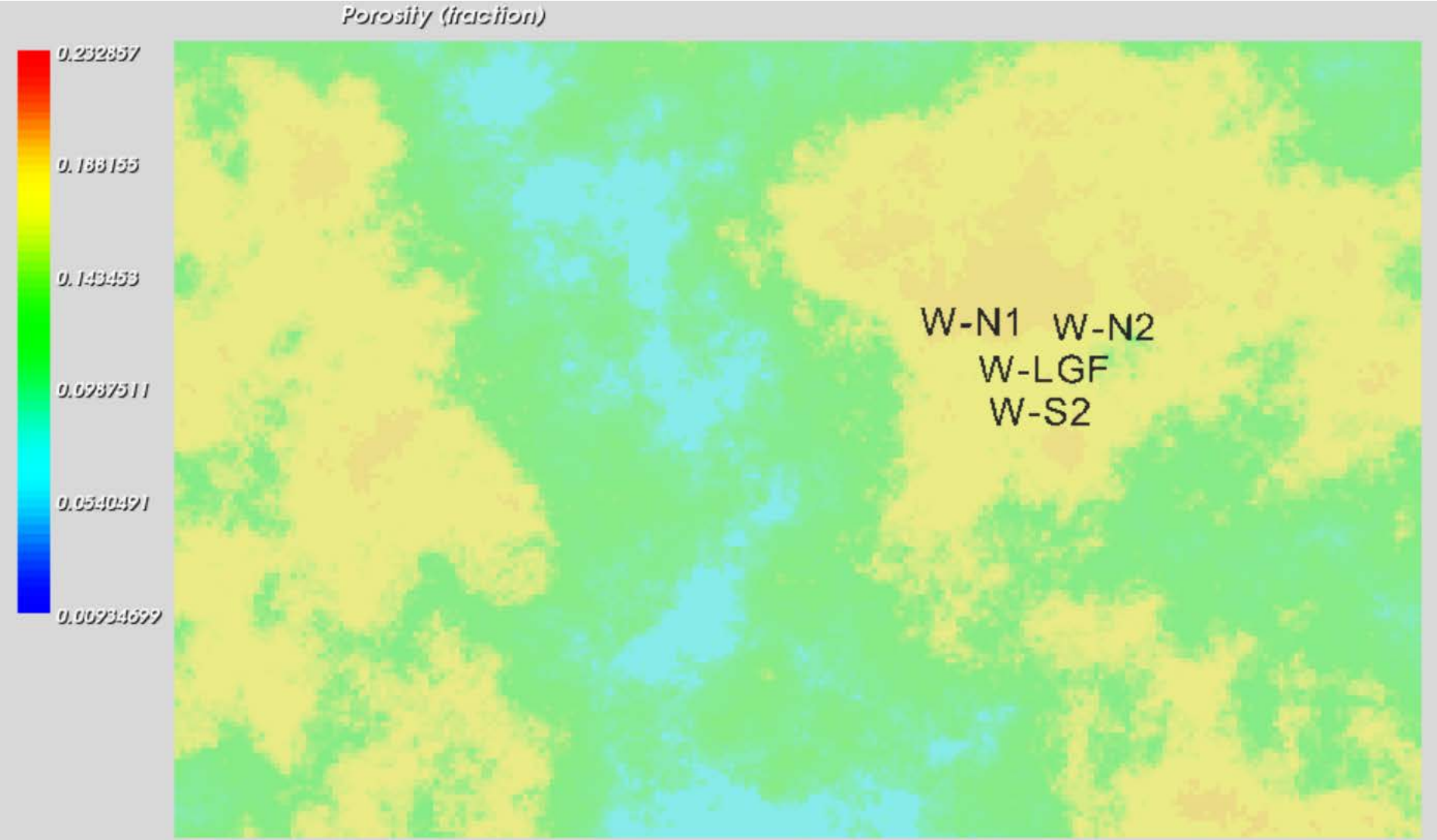


Upper Tuscaloosa (Lower Interval) / Paluxy Model – Porosity Composite



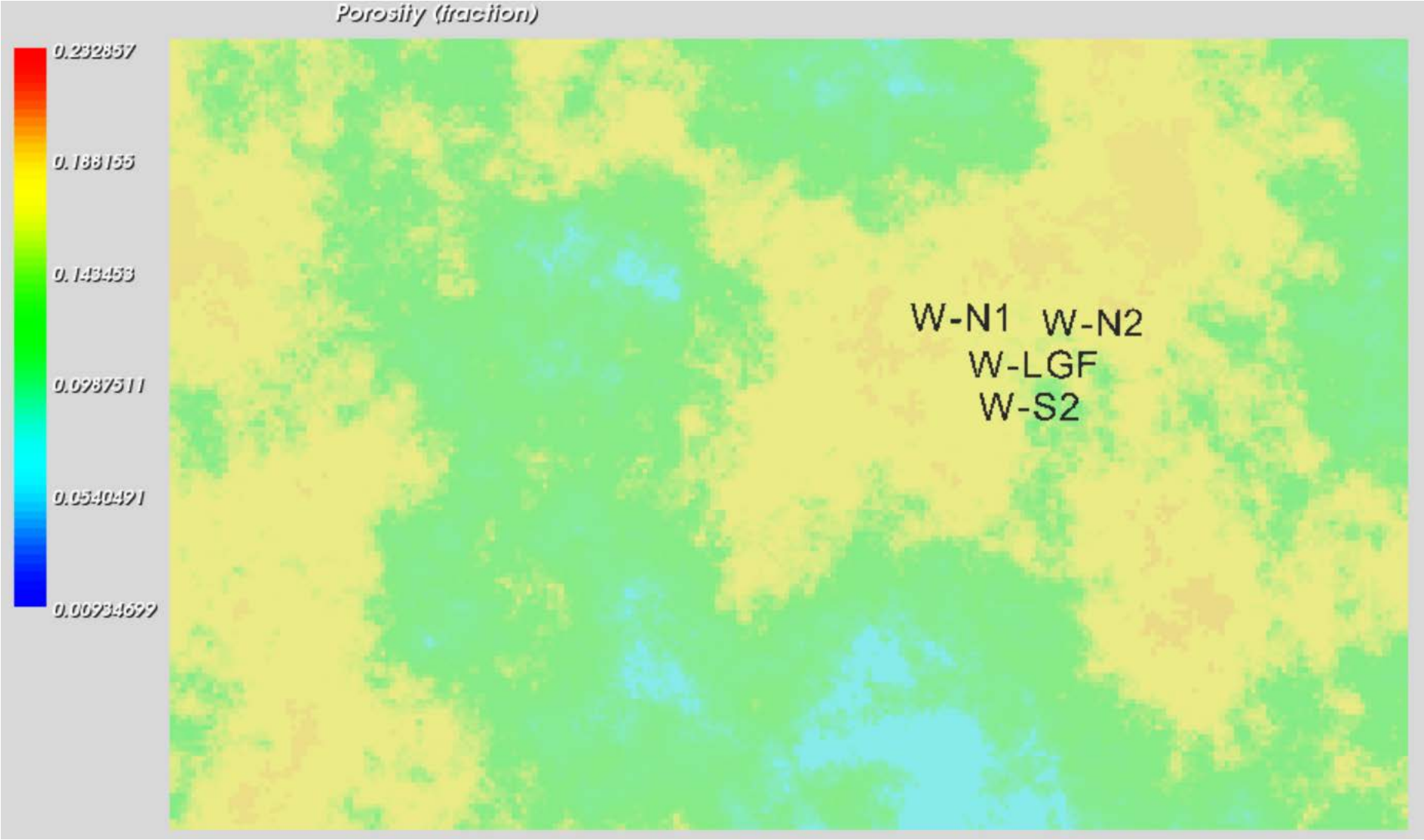
Grid Porosity = Original Porosity x NG
Vertical Exaggeration: 10x

Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 1



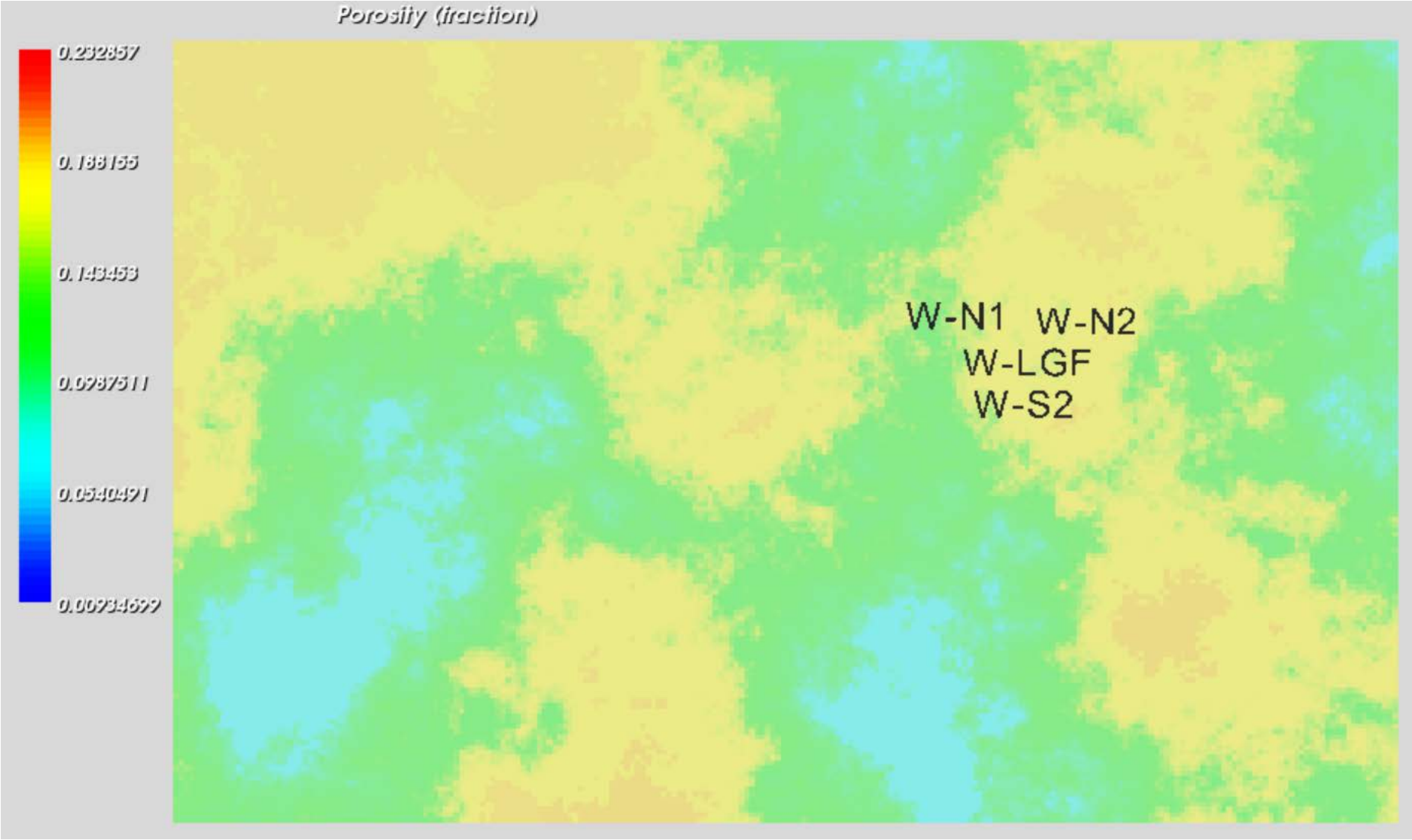
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 2



Grid Porosity = Original Porosity x NG

Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 3



Grid Porosity = Original Porosity x NG

Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 4

Layer 4 – PHI = 0

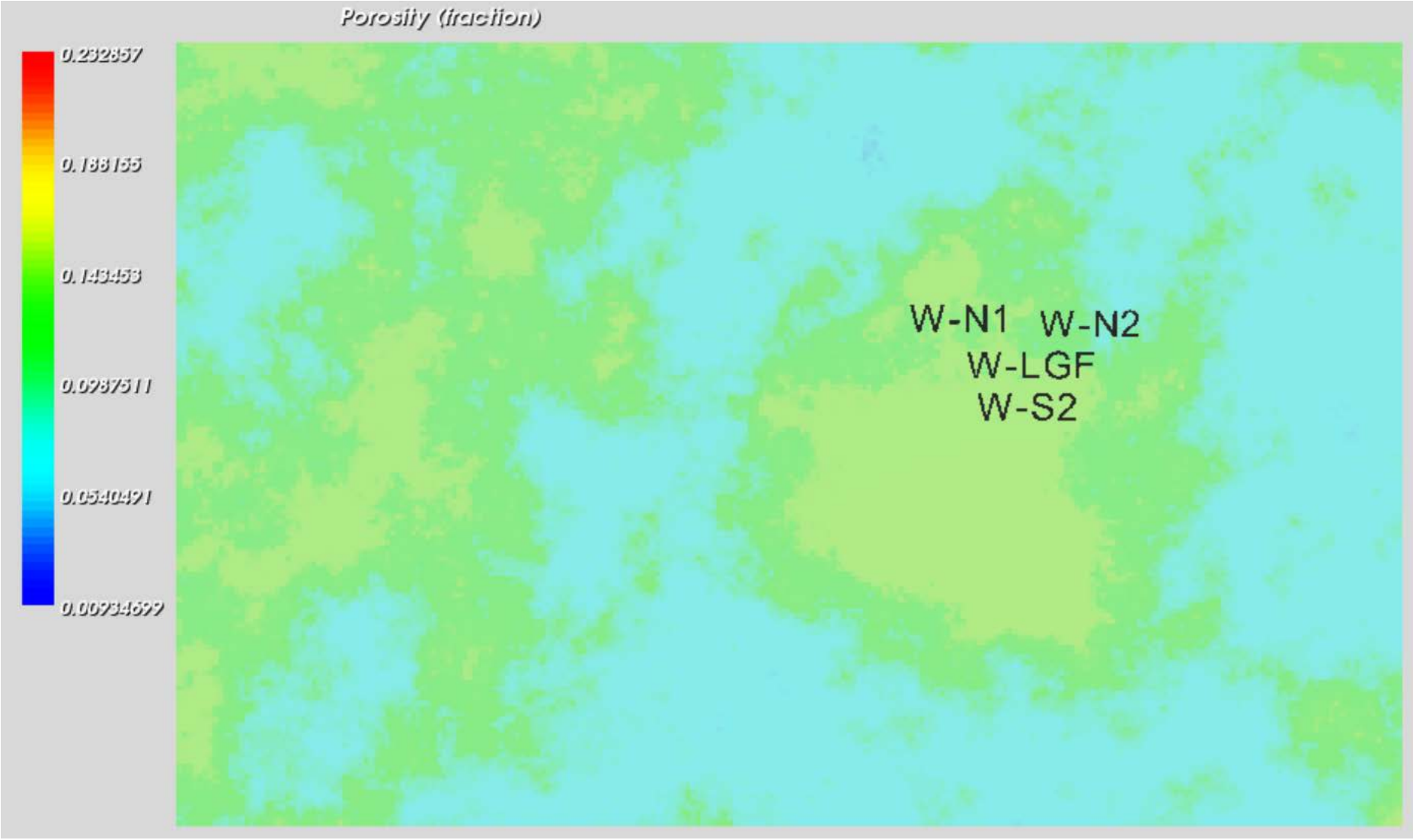
Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 5

Layer 5 – PHI = 0

Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 6

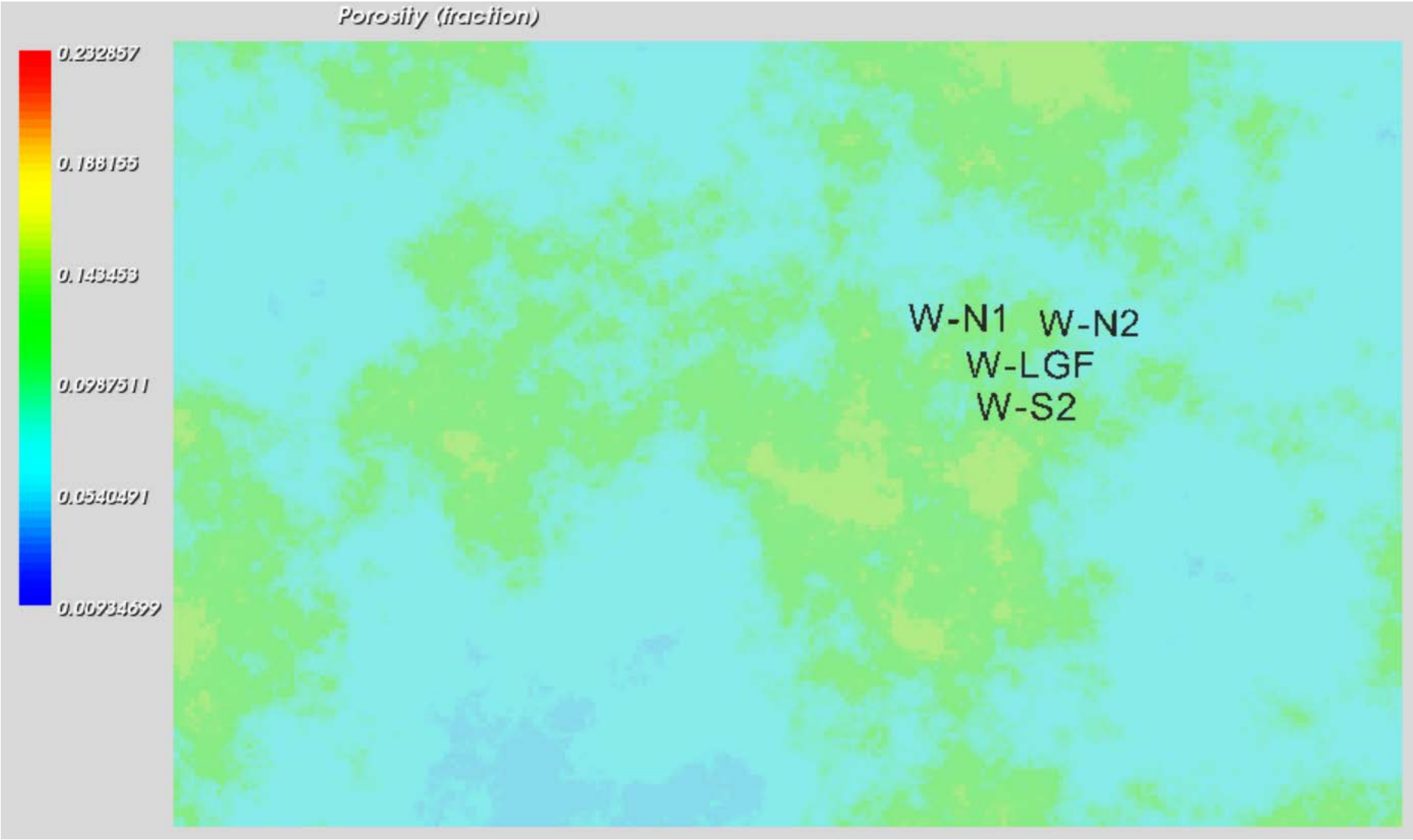
Layer 6 – PHI = 0

Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 7



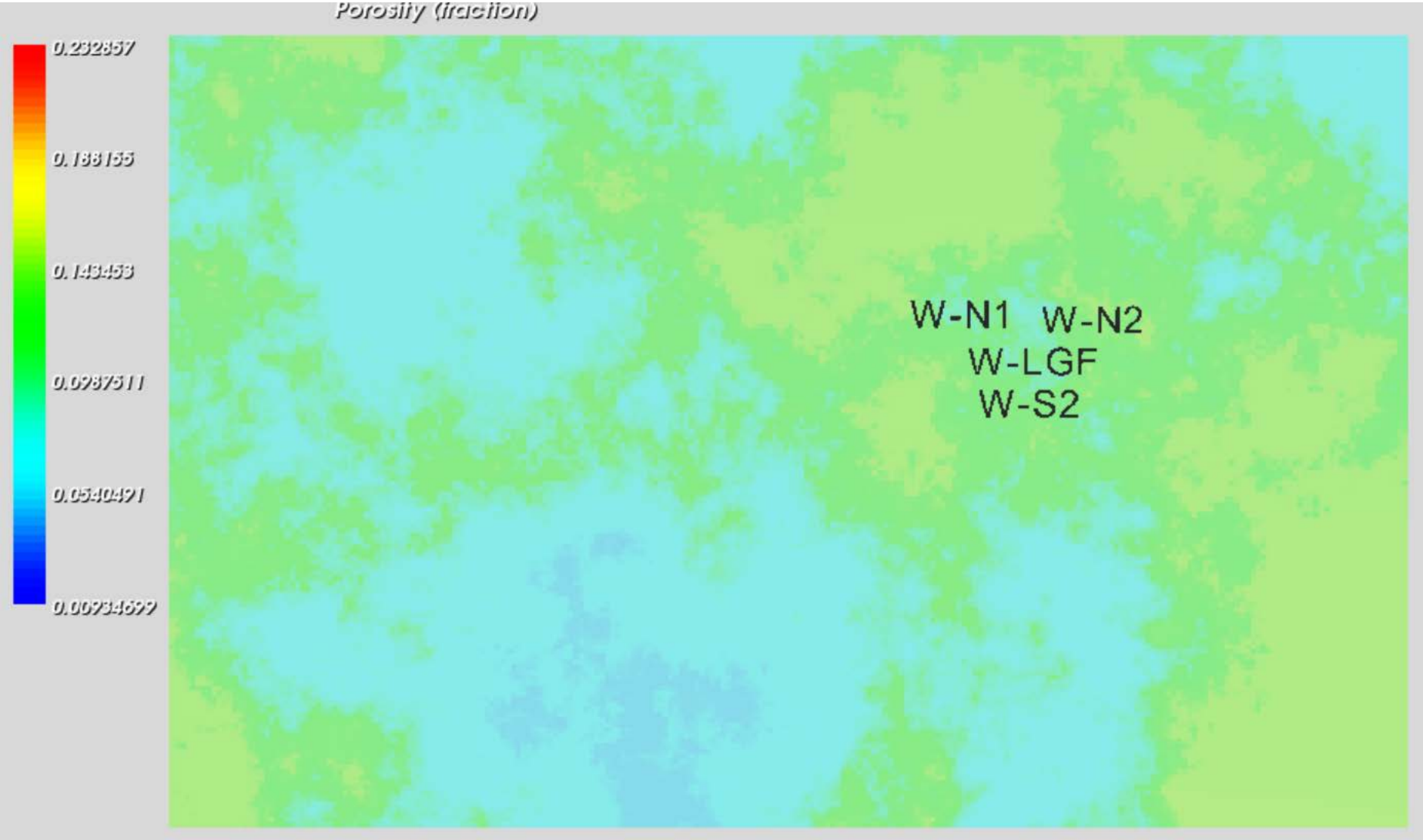
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 8



Grid Porosity = Original Porosity x NG

Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 9



Grid Porosity = Original Porosity x NG

Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 10

Layer 10 – PHI = 0

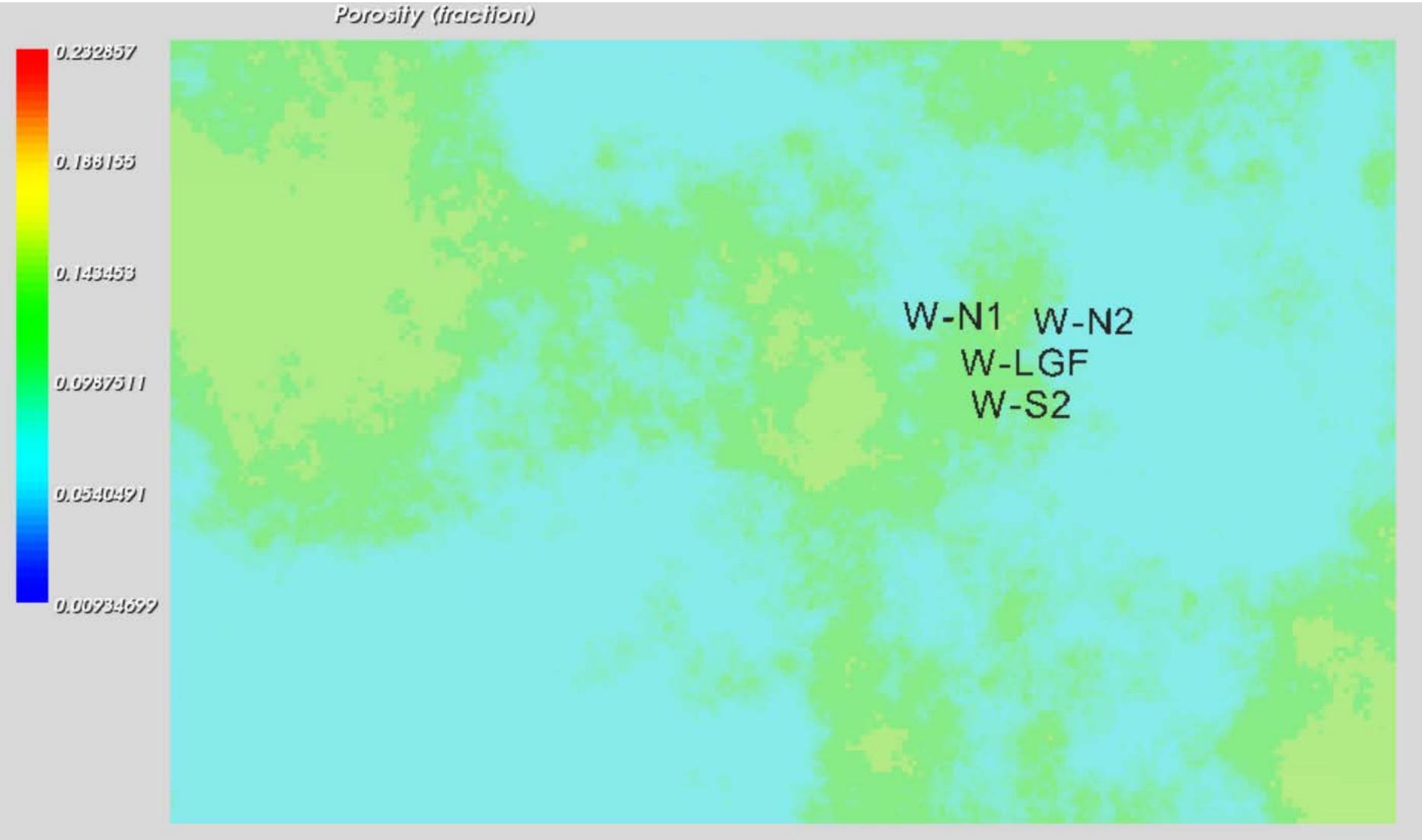
Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 11

Layer 11 – PHI = 0

Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 12

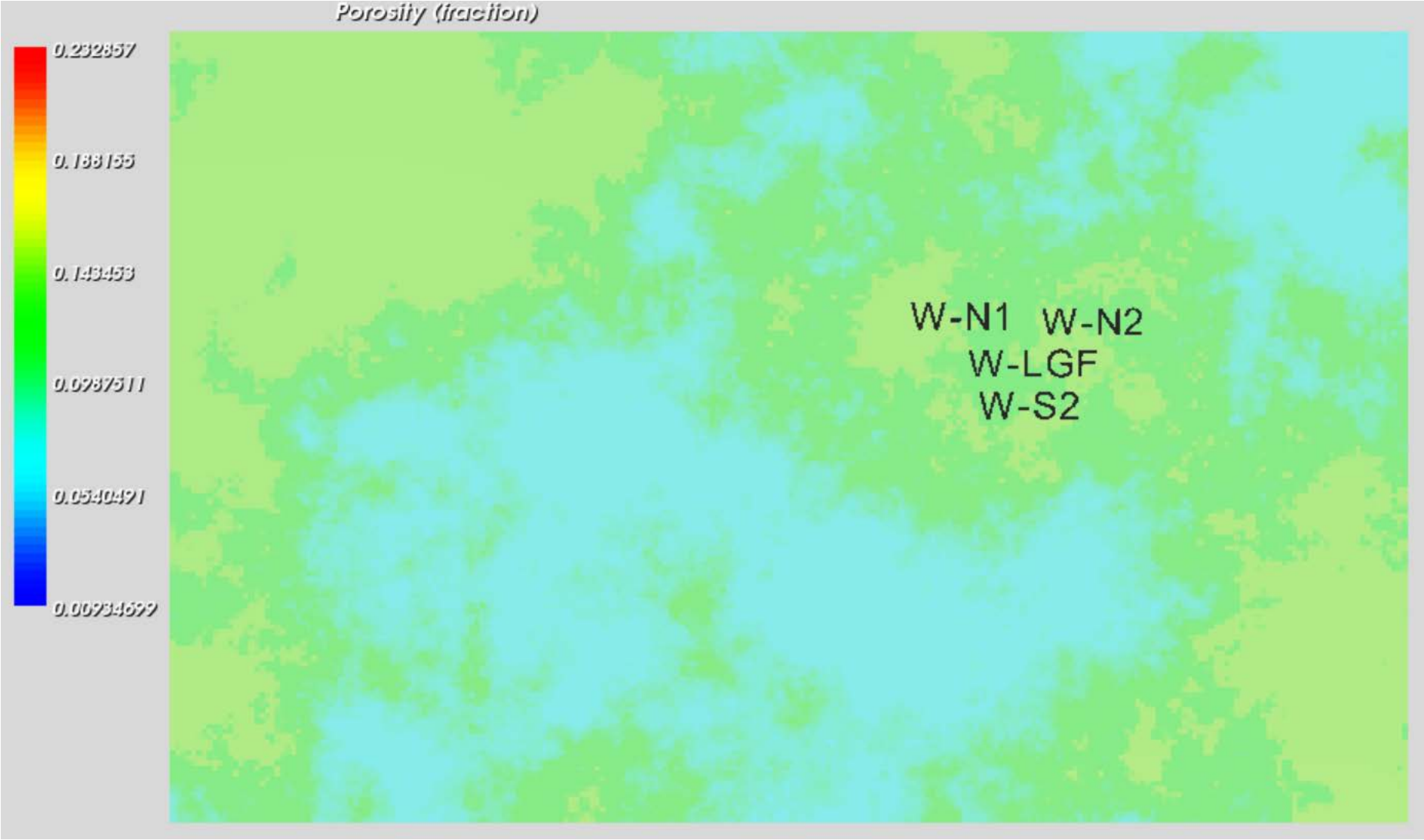
Layer 12 – PHI = 0

Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 13



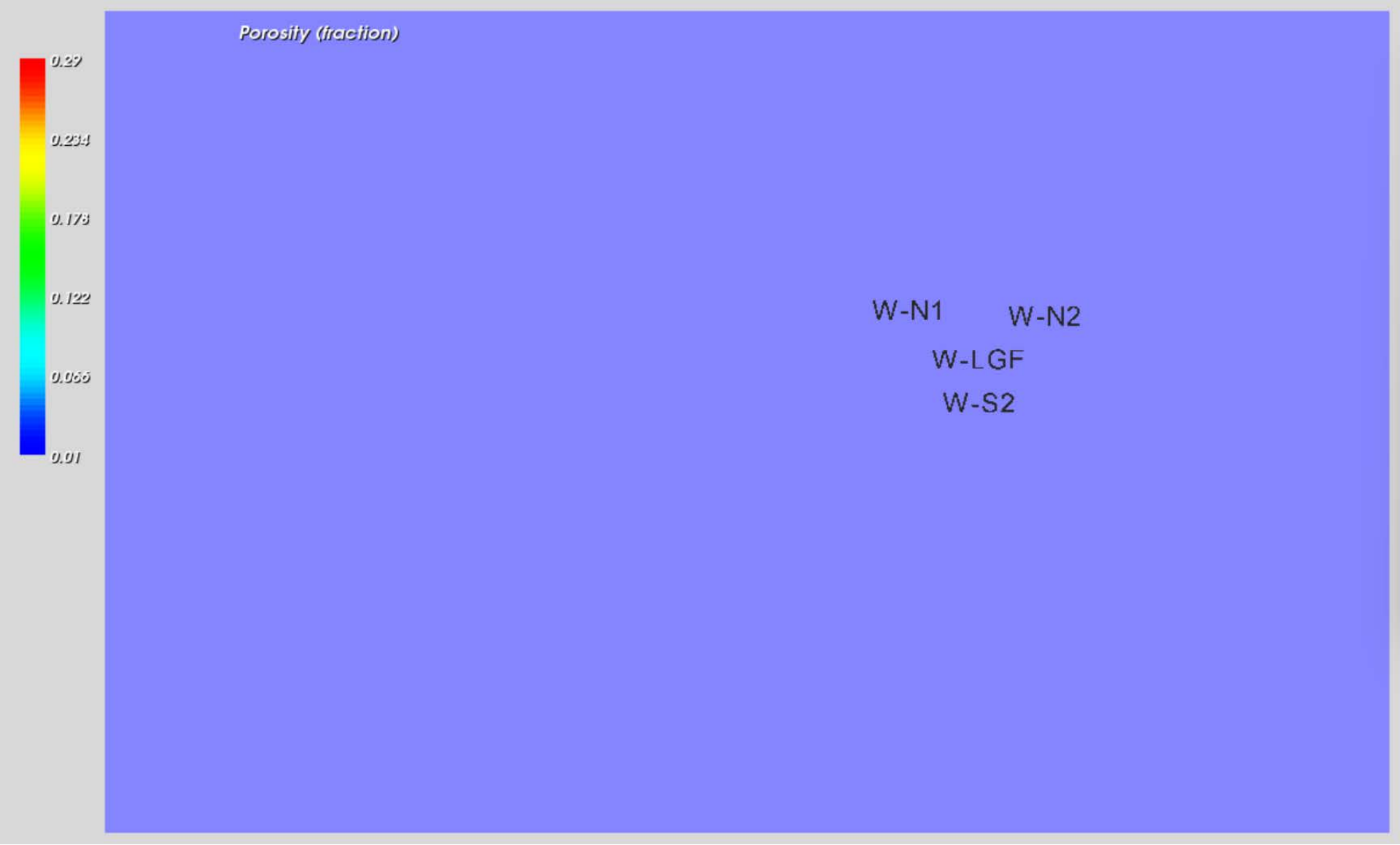
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 14



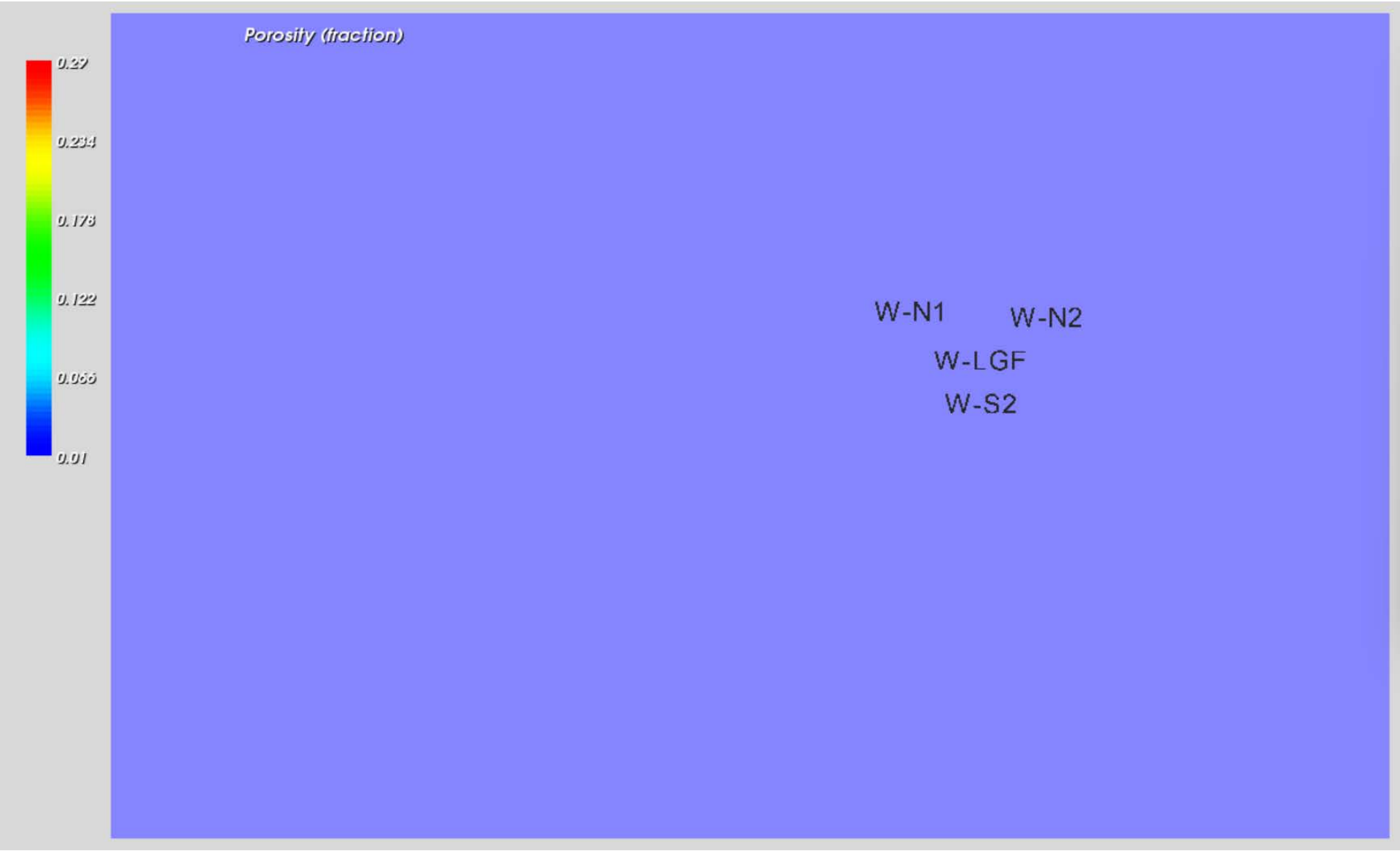
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 15



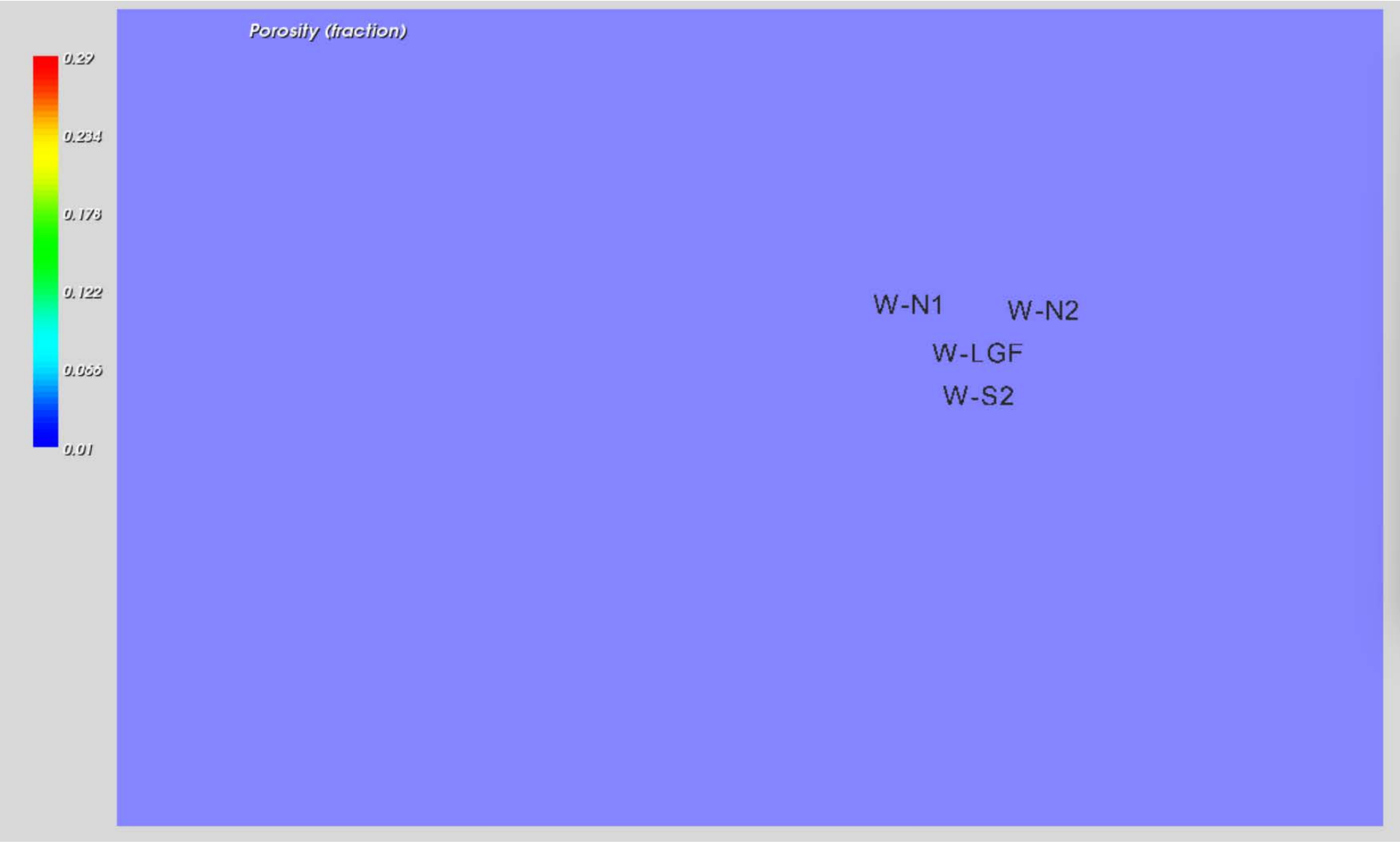
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 16



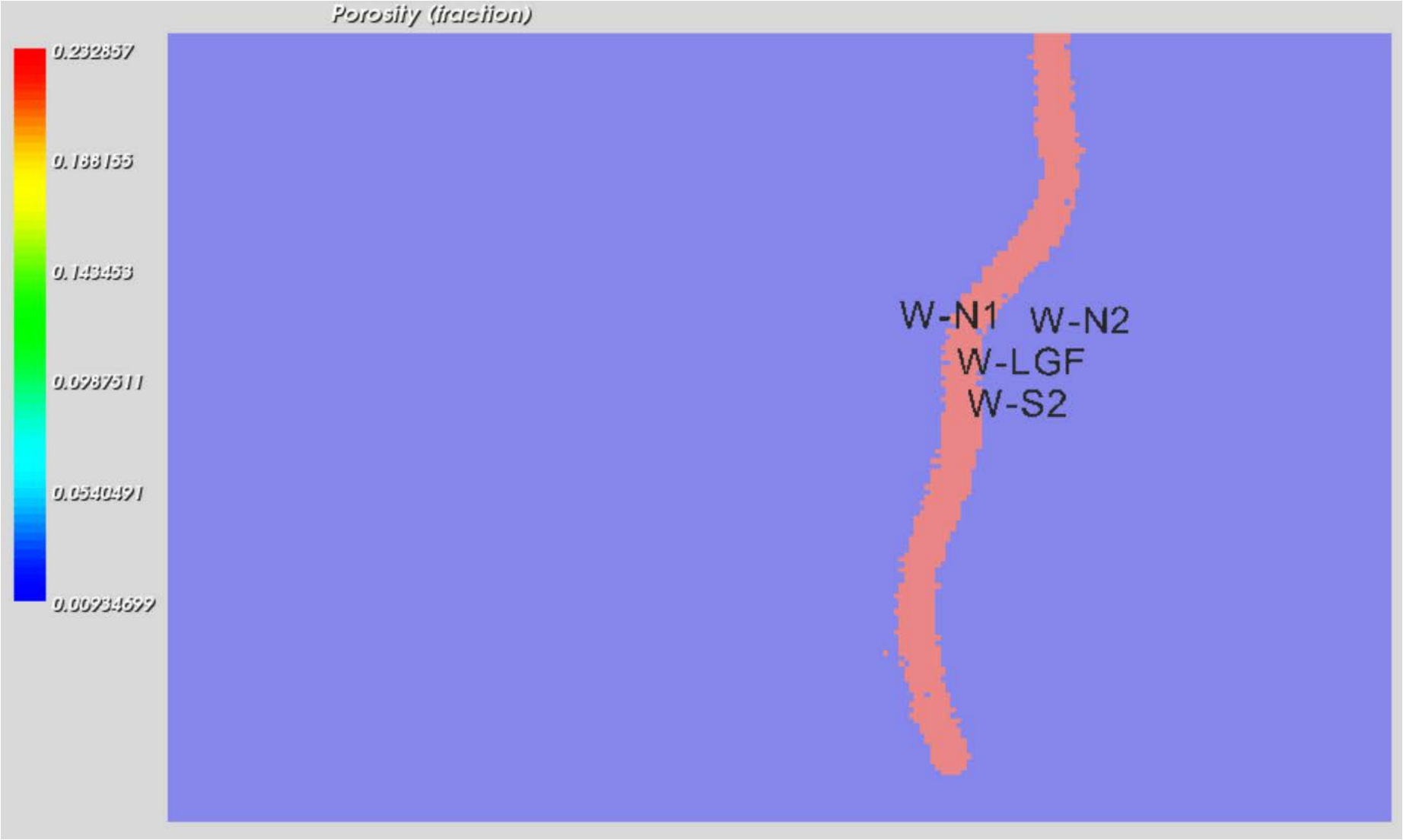
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 17



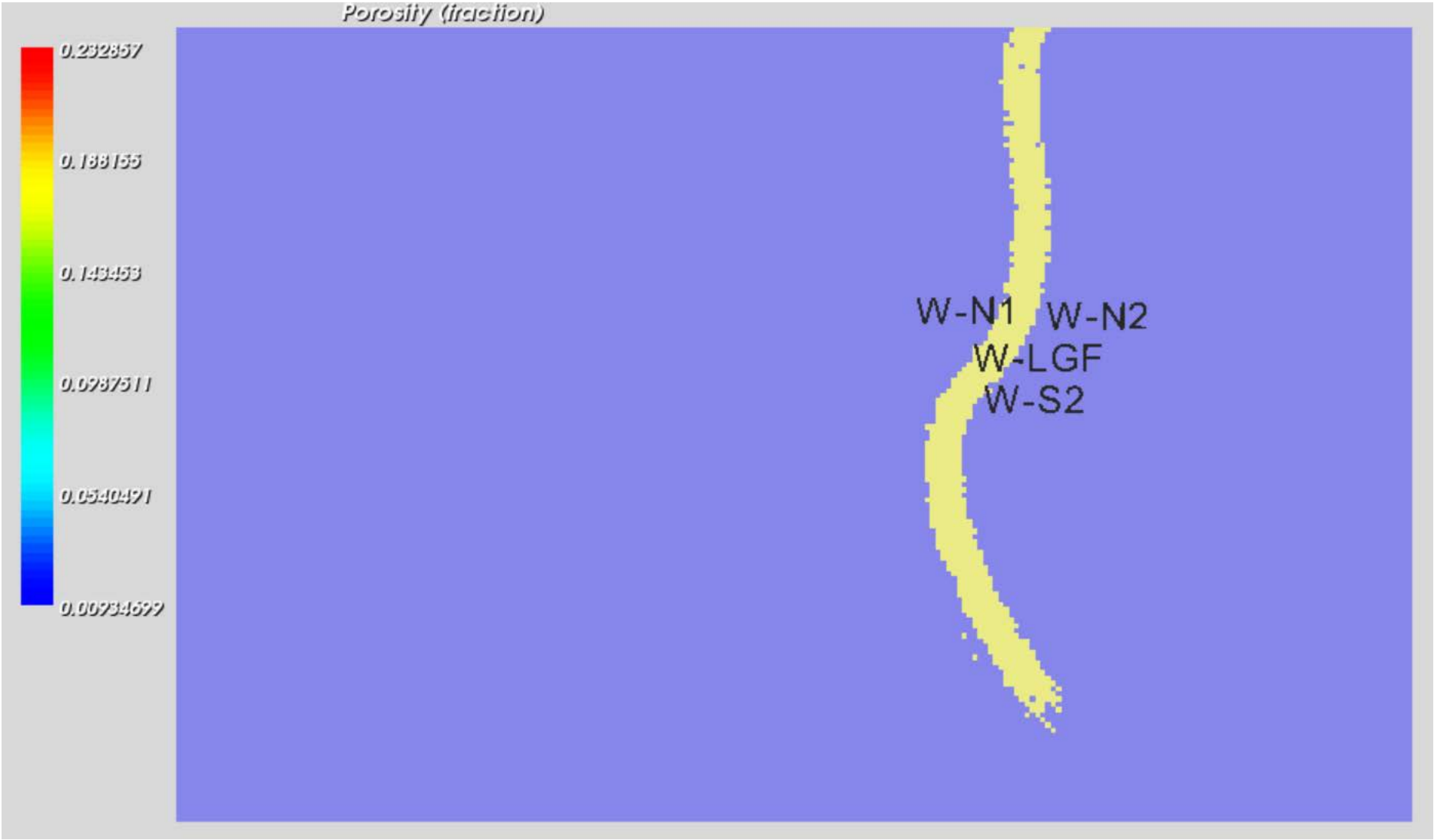
Grid Porosity = Original Porosity x NG

Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 18



Grid Porosity = Original Porosity x NG

Upper Tuscaloosa (Lower Interval) / Paluxy Model Porosity – Layer 19



Grid Porosity = Original Porosity x NG