Figure 3.10.2-a: 2D view of fault model
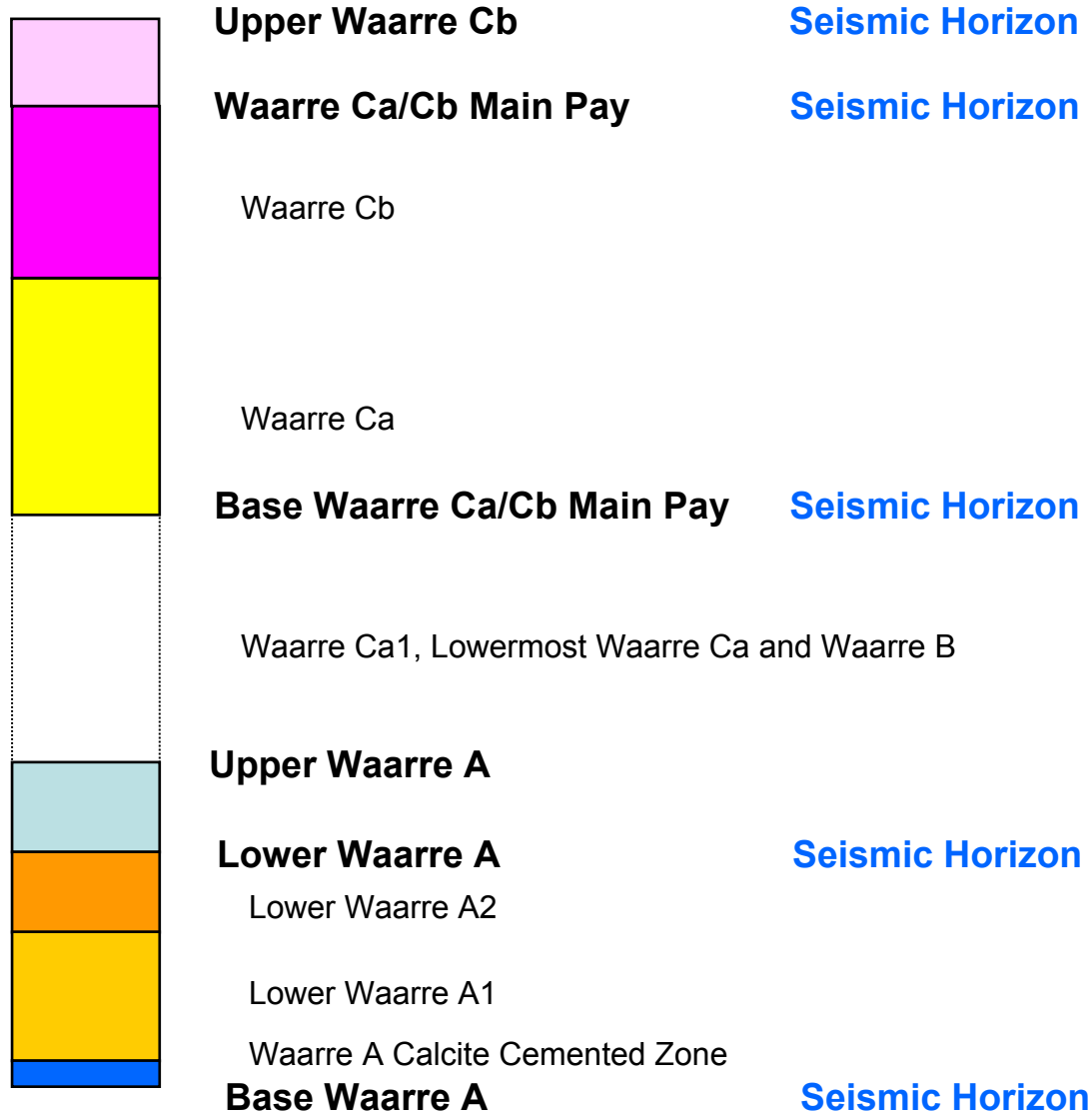
**Upper Waarre Cb** — Seismic Horizon

**Waarre Ca/Cb Main Pay** — Seismic Horizon

Waarre Cb

Waarre Ca

**Base Waarre Ca/Cb Main Pay** — Seismic Horizon

Waarre Ca1, Lowermost Waarre Ca and Waarre B

**Upper Waarre A**

**Lower Waarre A** — Seismic Horizon

Lower Waarre A2

Lower Waarre A1

Waarre A Calcite Cemented Zone

**Base Waarre A** — Seismic Horizon
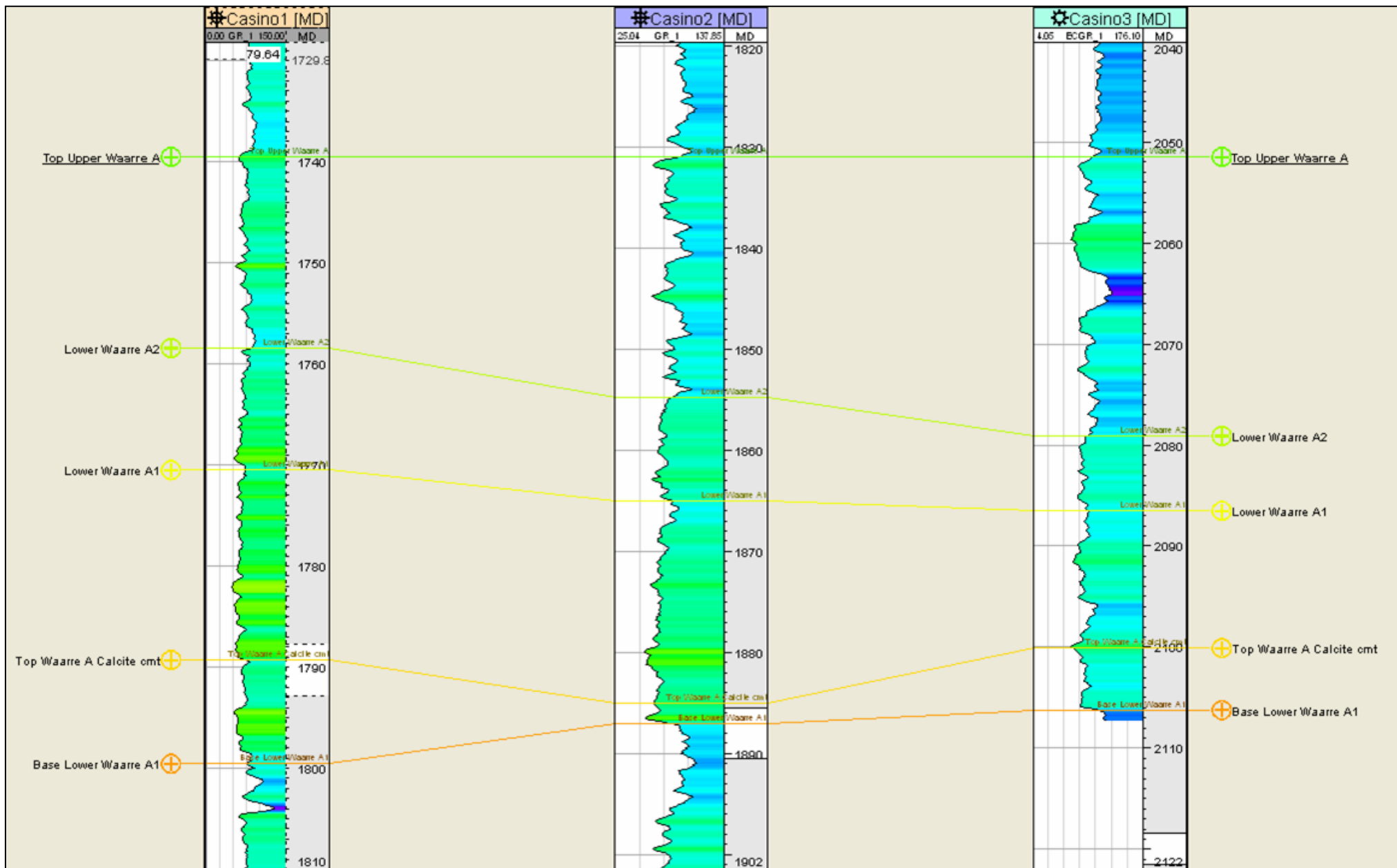
Figure 3.10.2-b: Seismic Picks

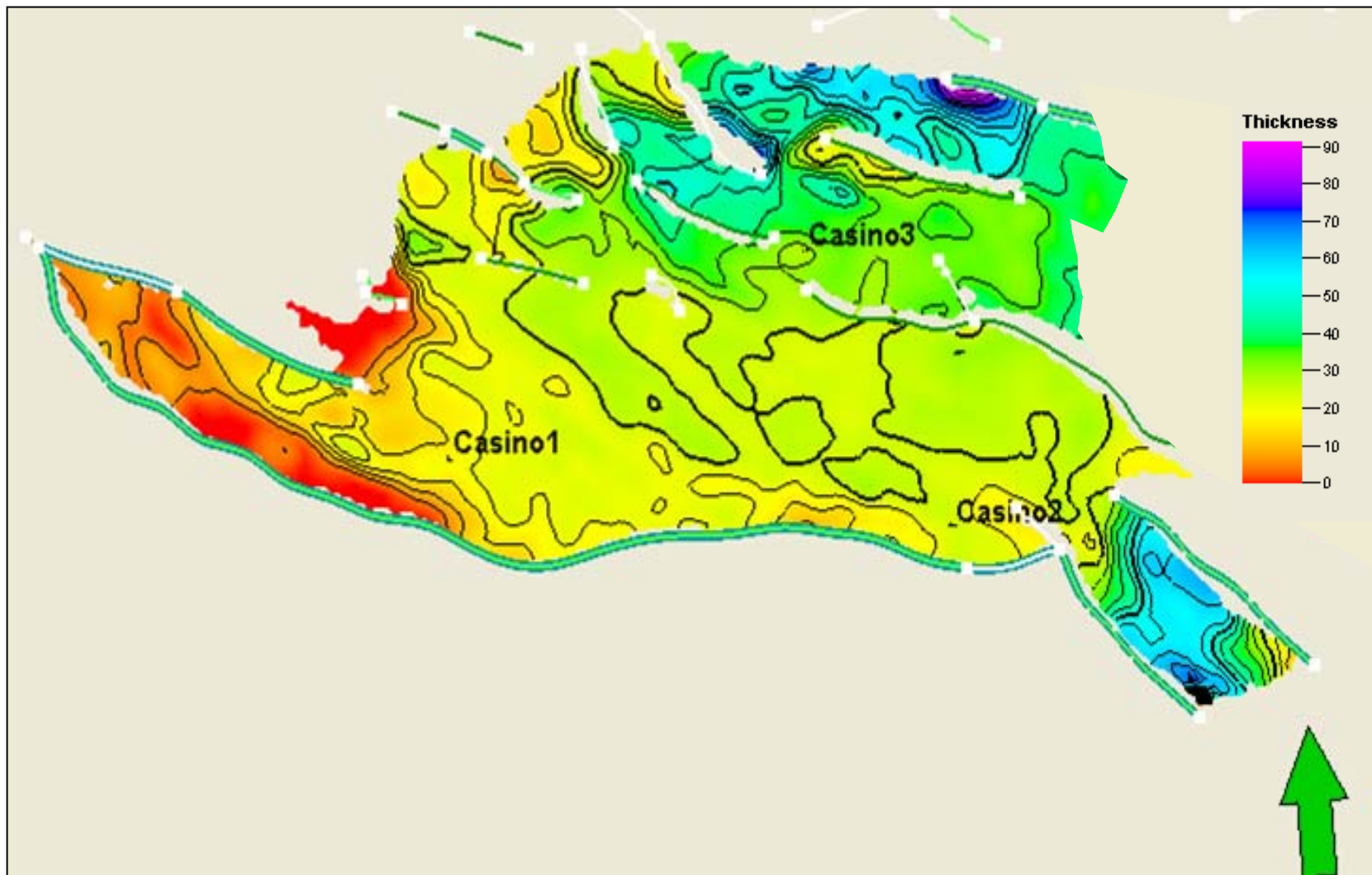Figure 3.10.3-a: Waarre A reservoir sub-division
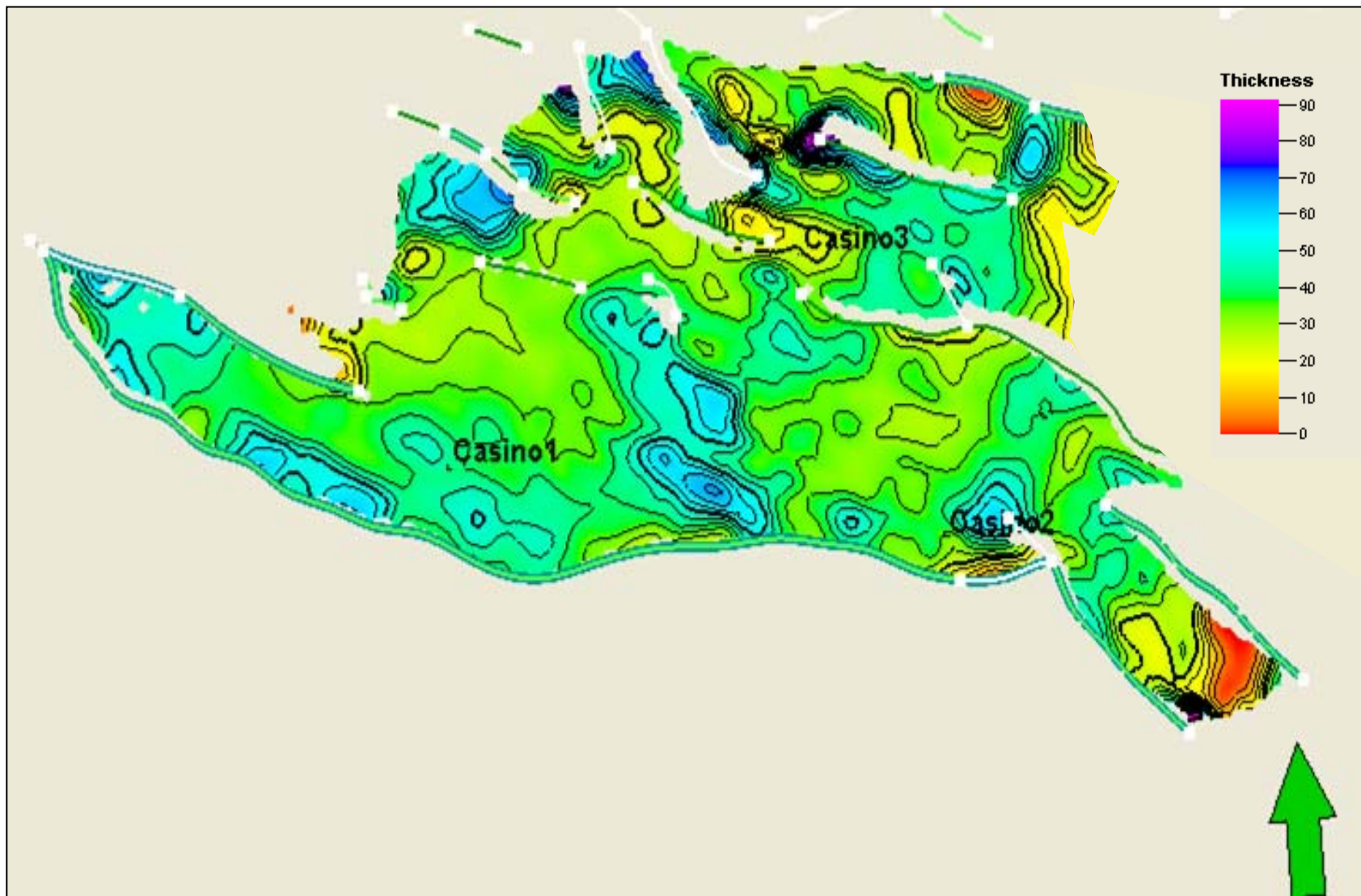
Figure 3.10.3-b: Upper Waarre A isopach
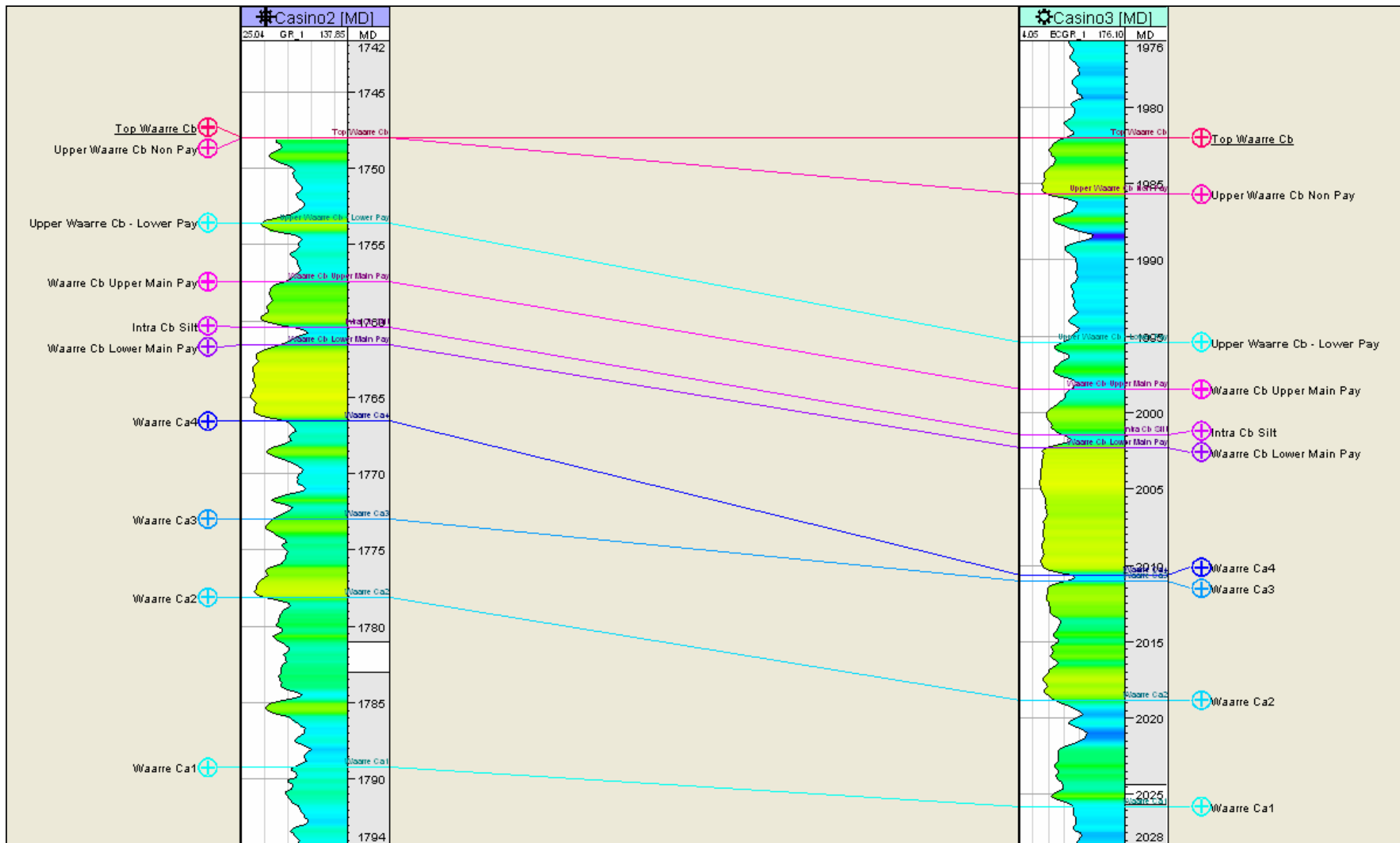
Figure 3.10.3-c: Lower Waarre A isopach

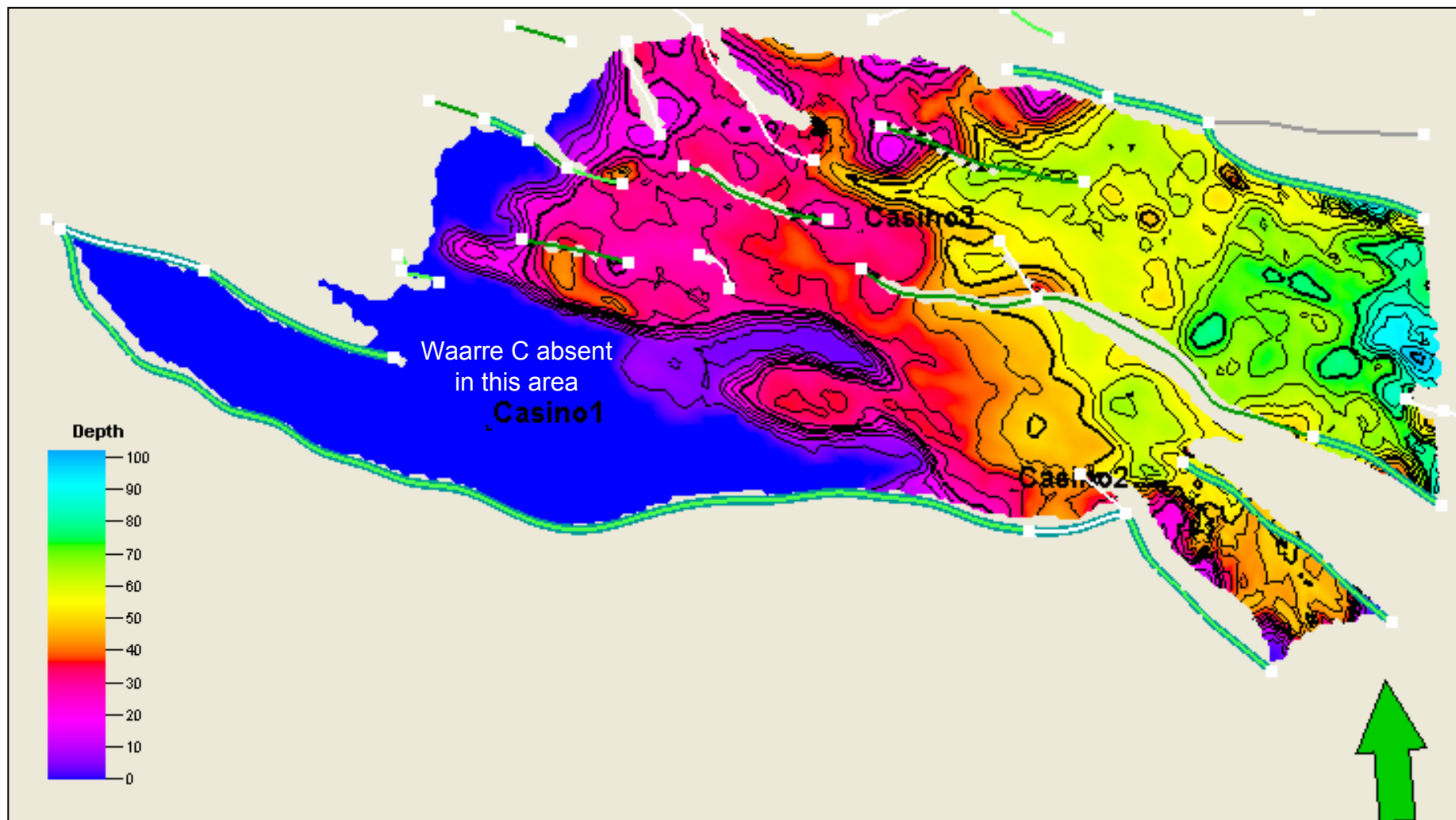Figure 3.10.3-d: Waarre C reservoir sub-division

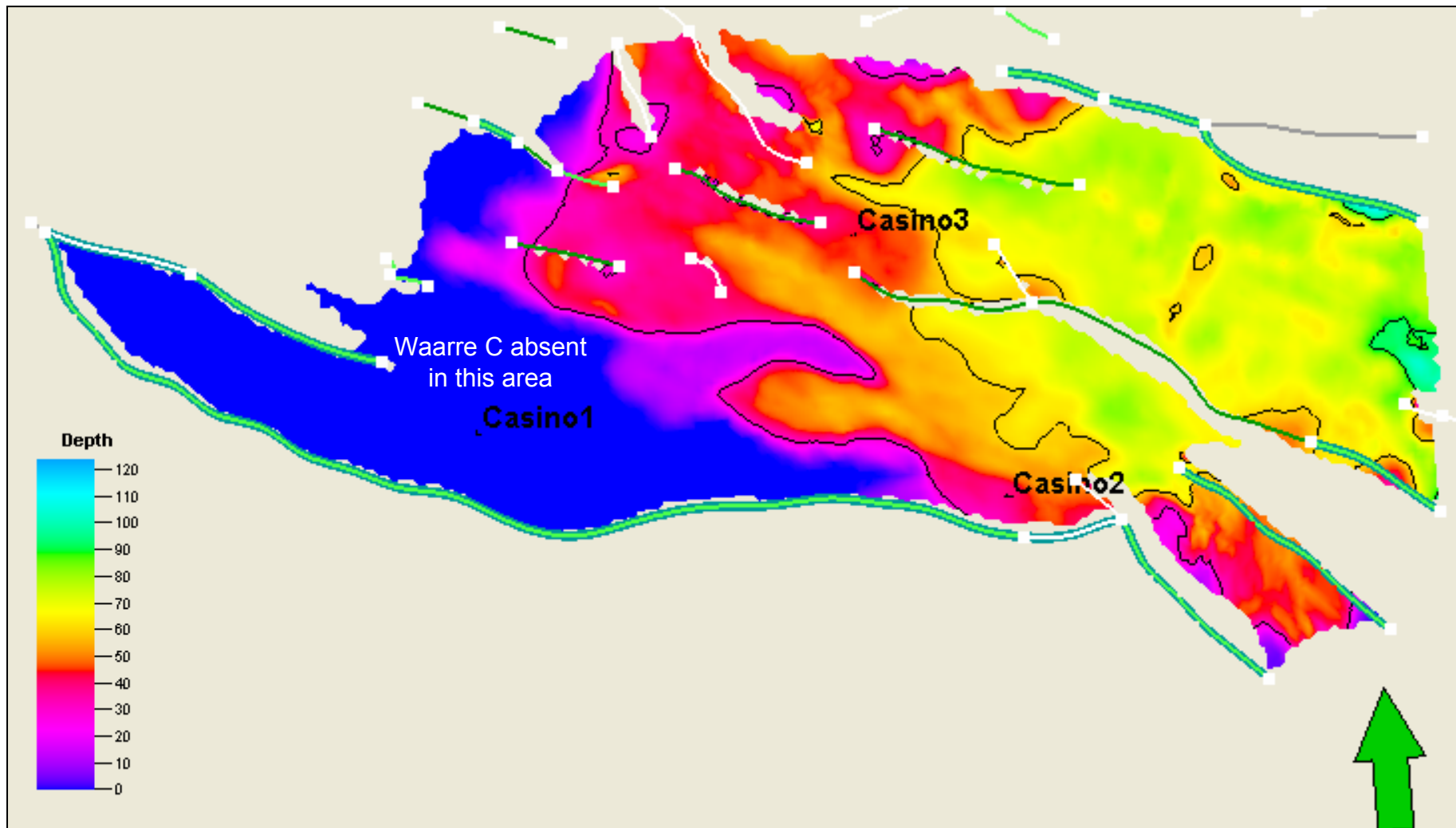Figure 3.10.3-e: Combined Upper Waarre Cb and Ca/Cb Main Pay isopach

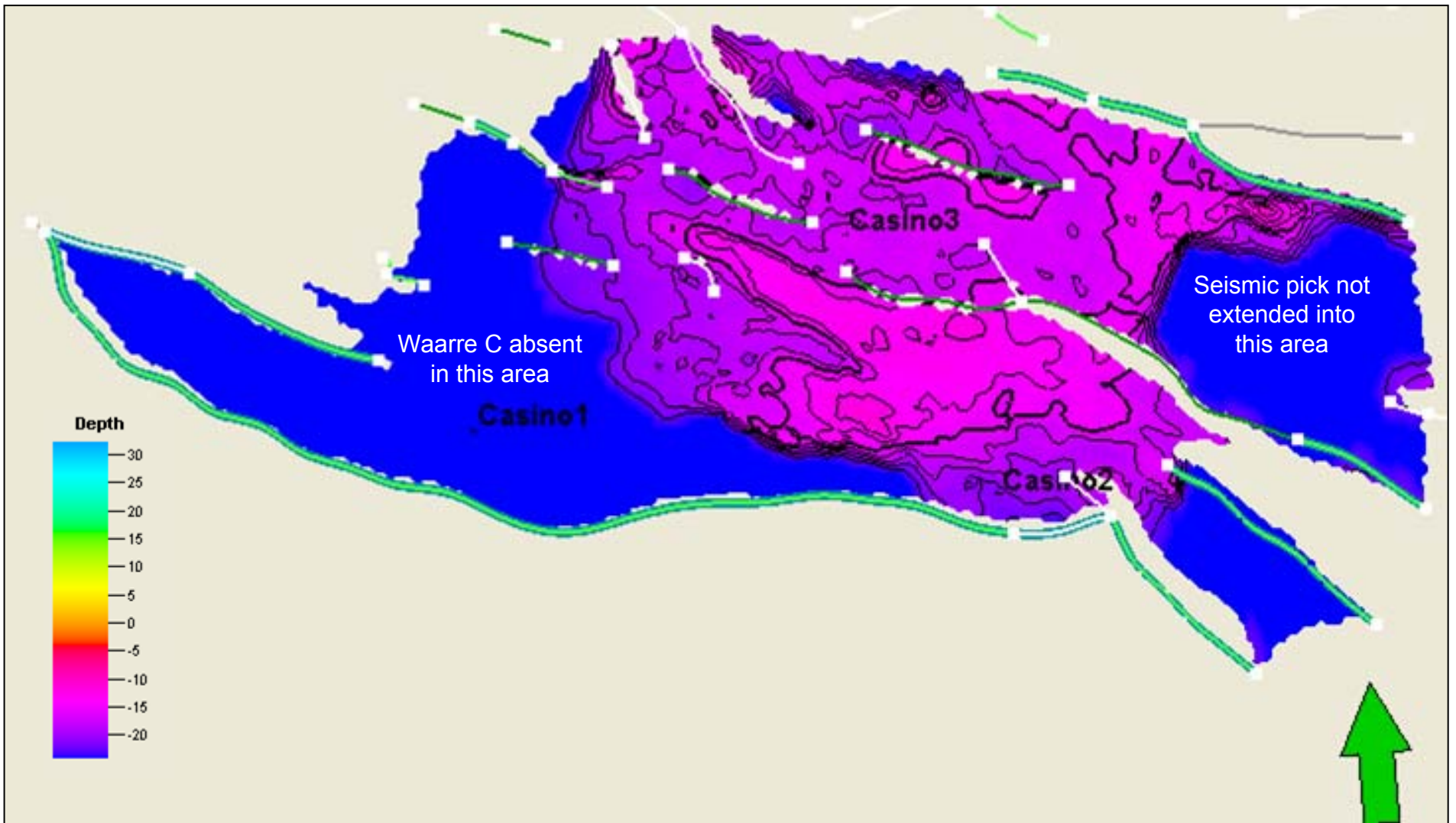Figure 3.10.3-f: Waarre Ca/Cb Main Pay isopach

Figure 3.10.3-g: Upper Waarre Cb Pay and Non Pay isopach
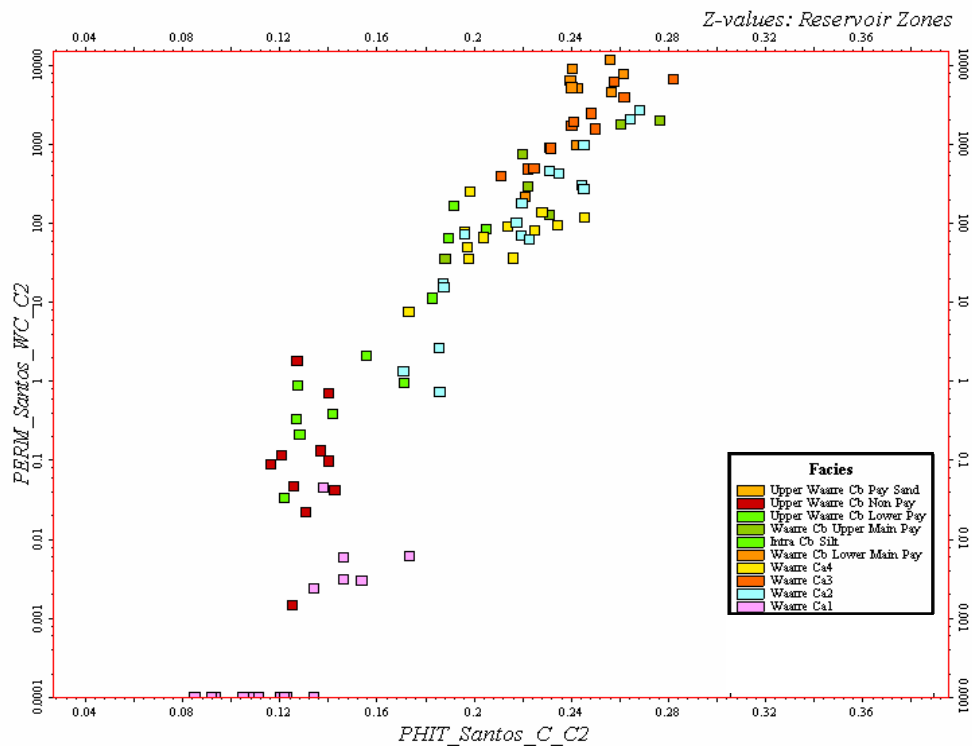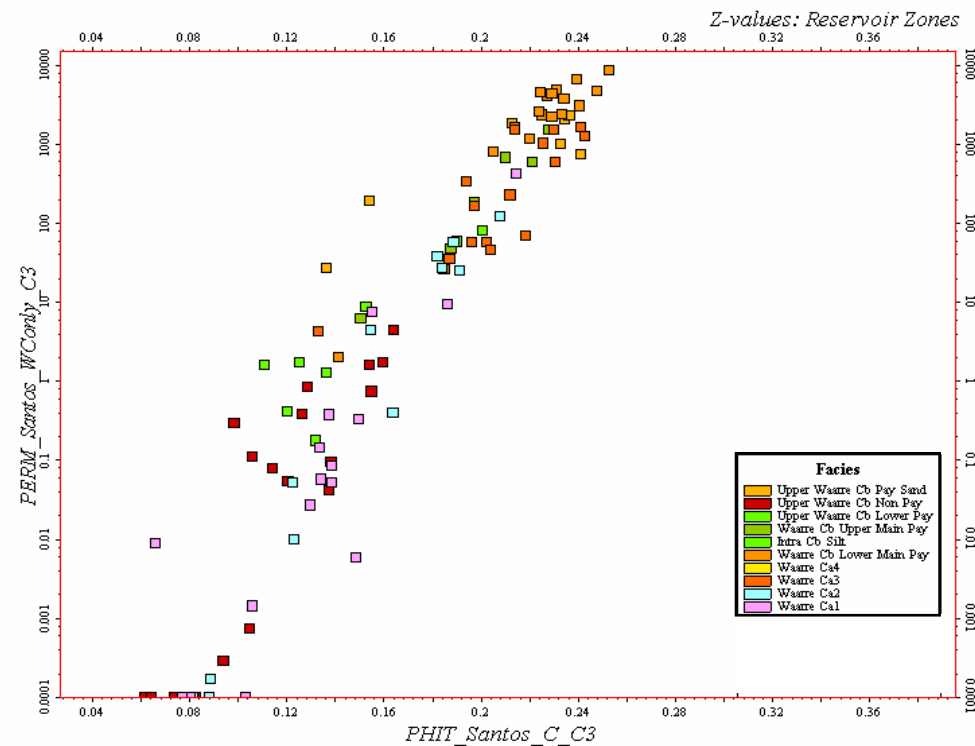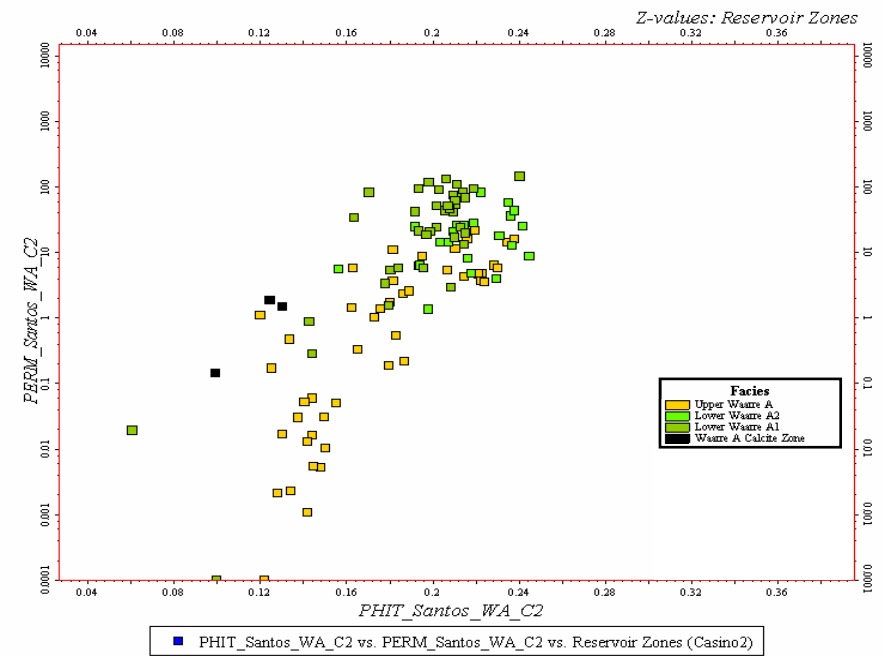
Figure 3.10.3-h: Waarre C PHIT versus Perm – Casino-2 & -3
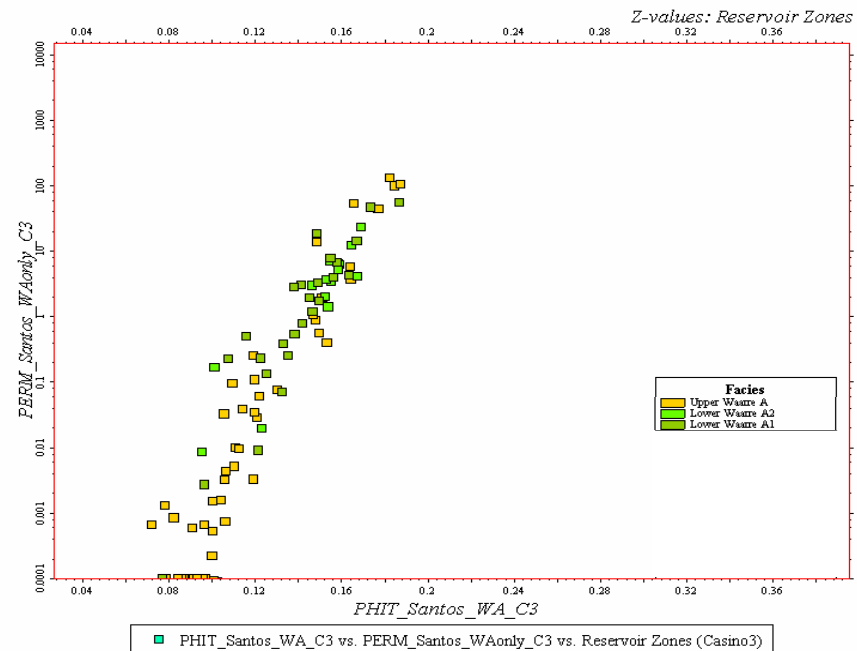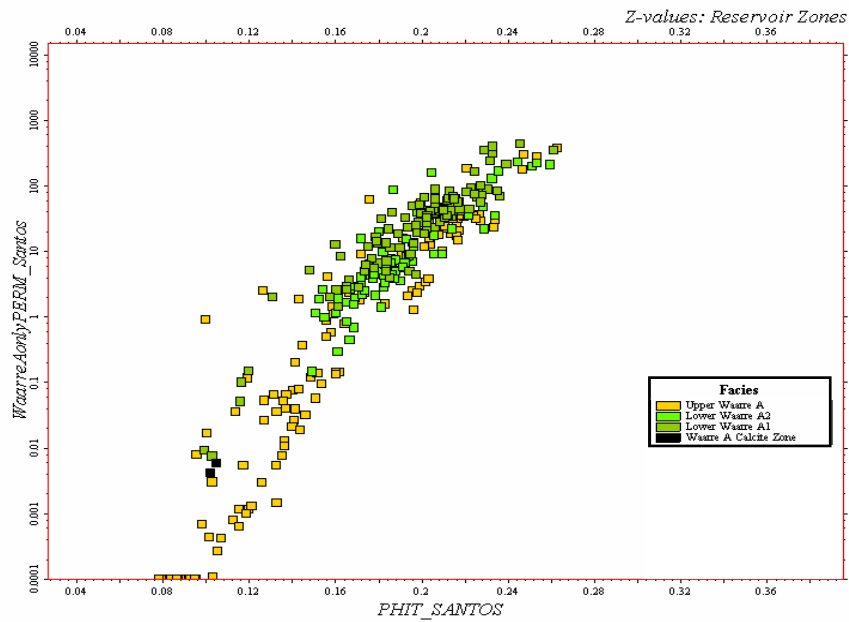
Figure 3.10.3-i: Waarre A PHIT versus Perm – Casino-1,2 & 3
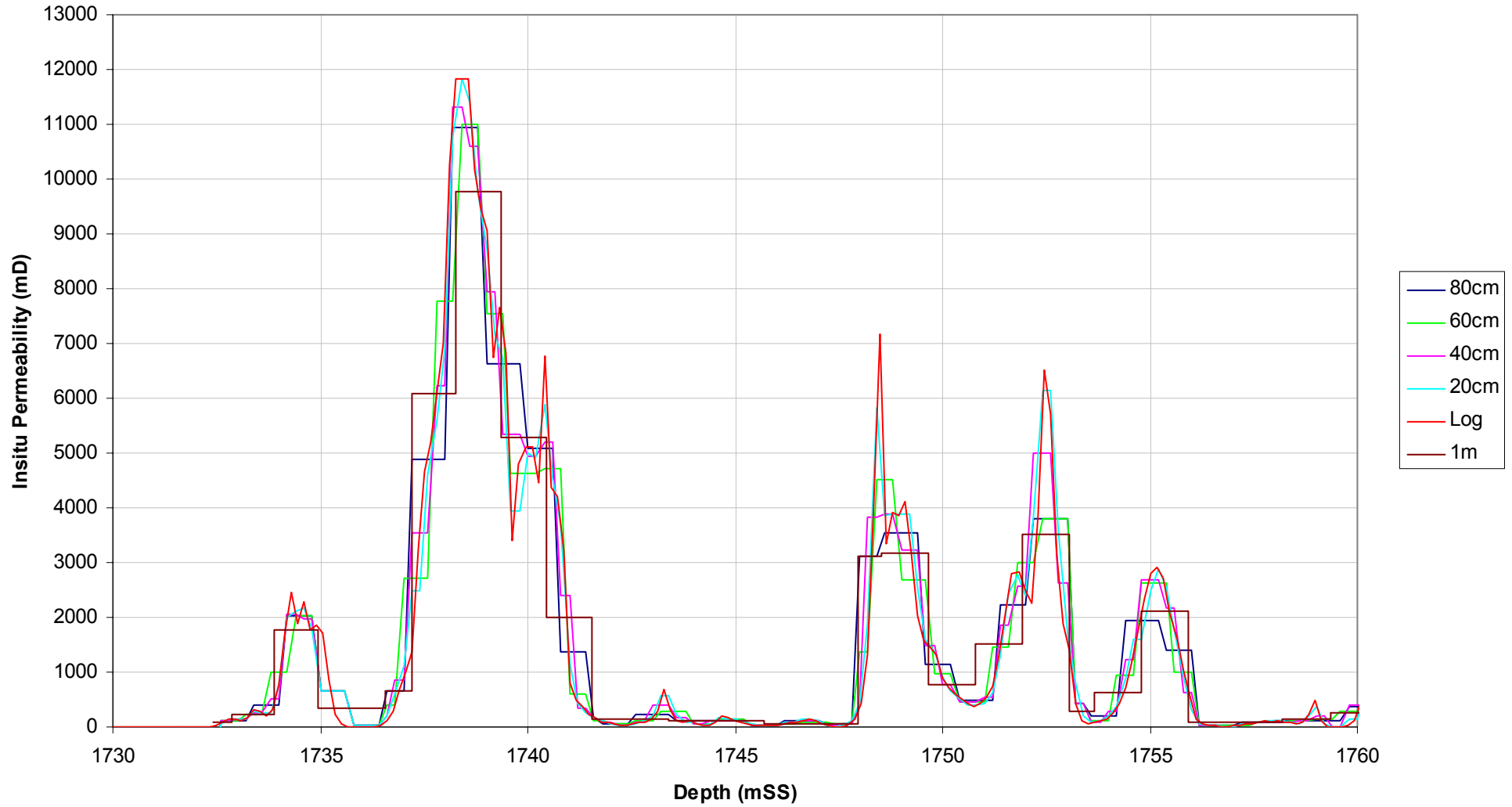
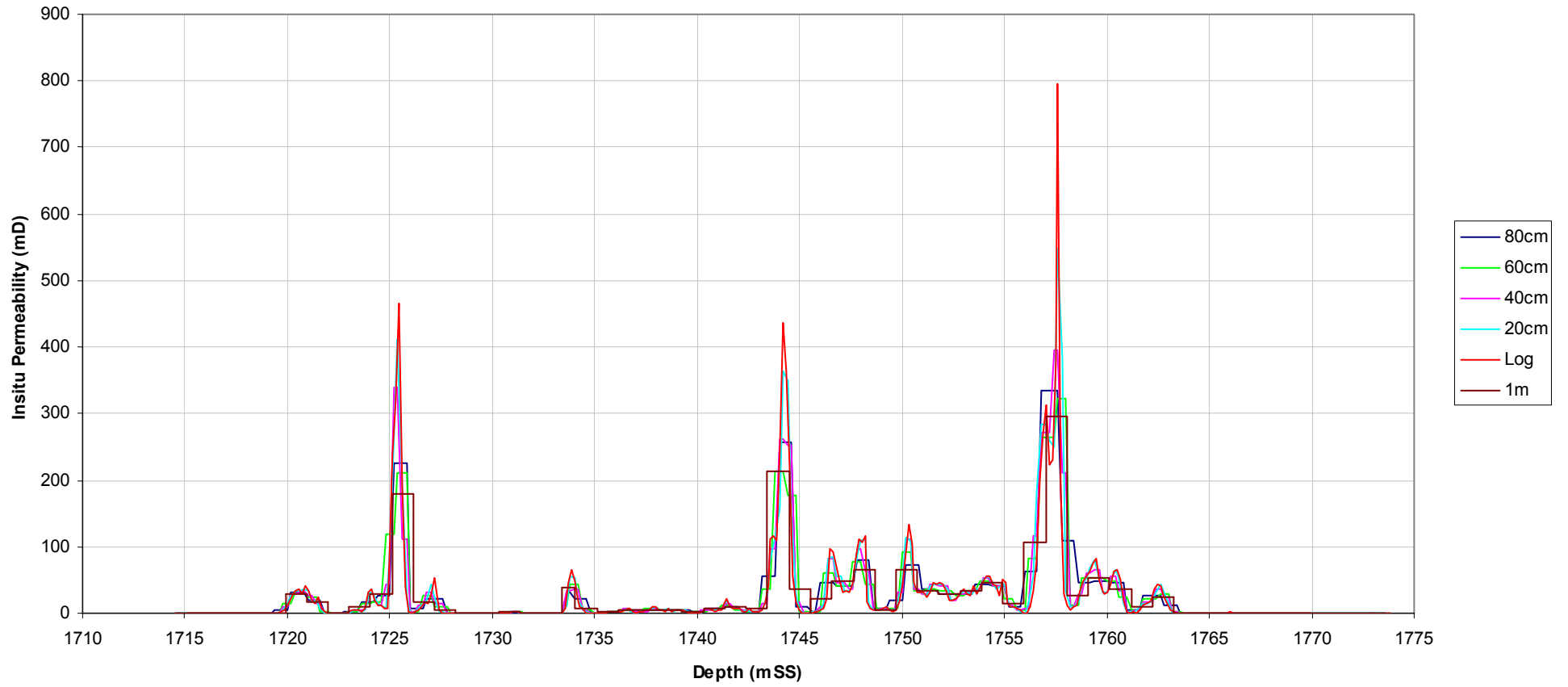Figure 3.10.4-a: Casino-2 Waarre C Up-scaled permeability compared to original

Figure 3.10.4-b: Casino-1 up-scaled permeability compared to original

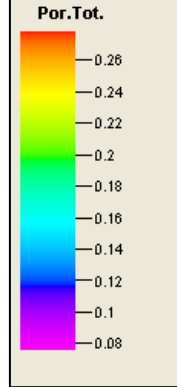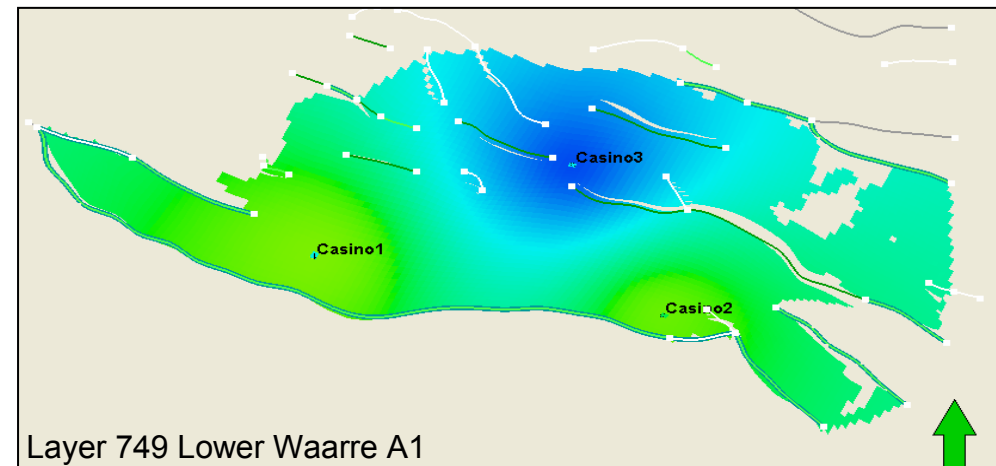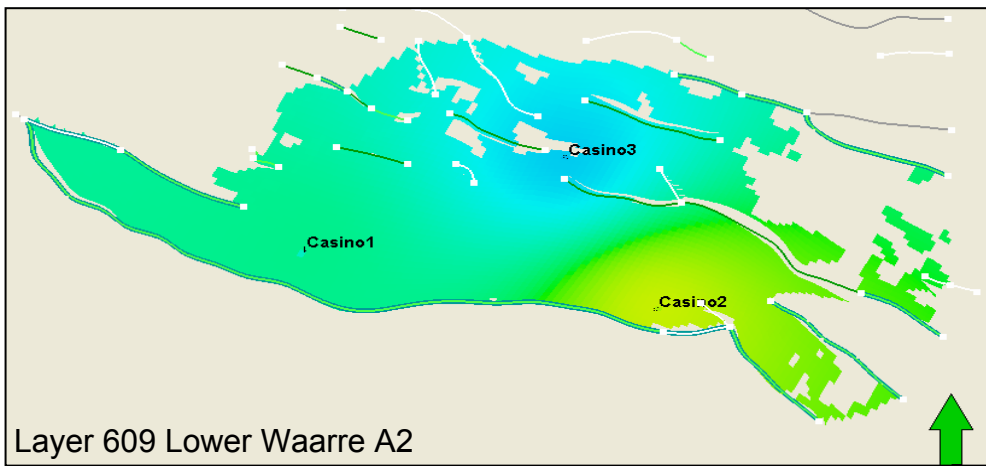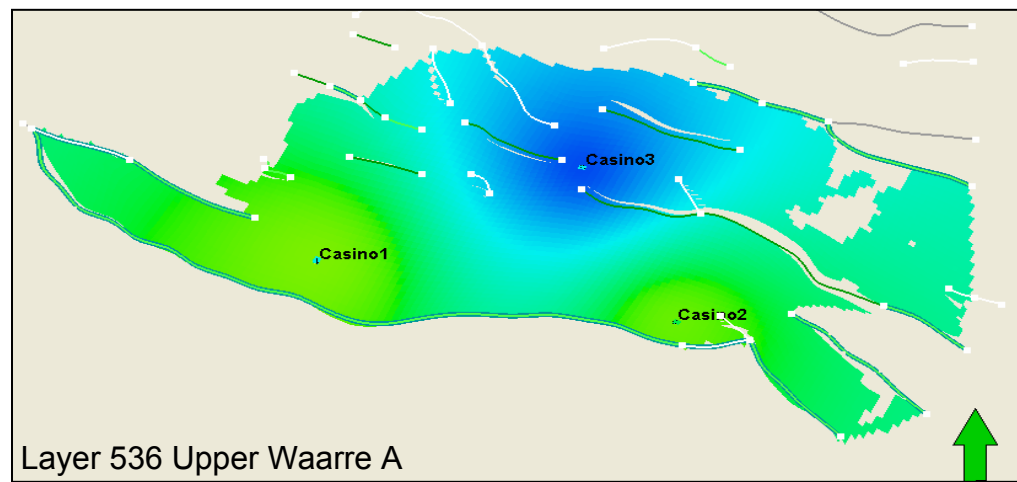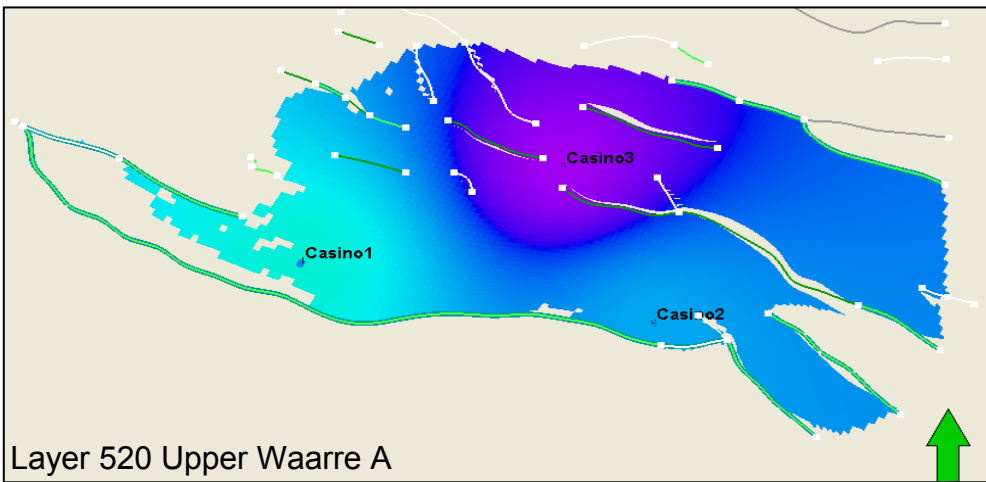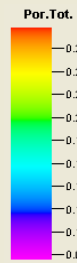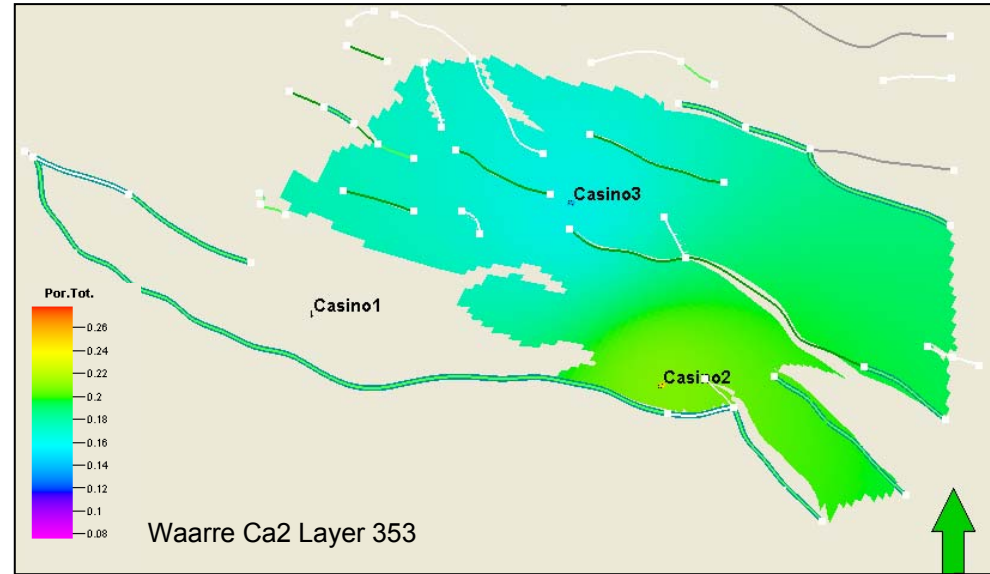Figure 3.10.5-a: Waarre A upscaled porosity – Base Case model

Upper Waarre Cb Lower Pay Layer 40

Waarre Cb Upper Main Pay Layer 178

Waarre Cb Lower Main Pay Layer 227

Waarre Ca2 Layer 353

Por.Tot.

- 0.26
- 0.24
- 0.22
- 0.2
- 0.18
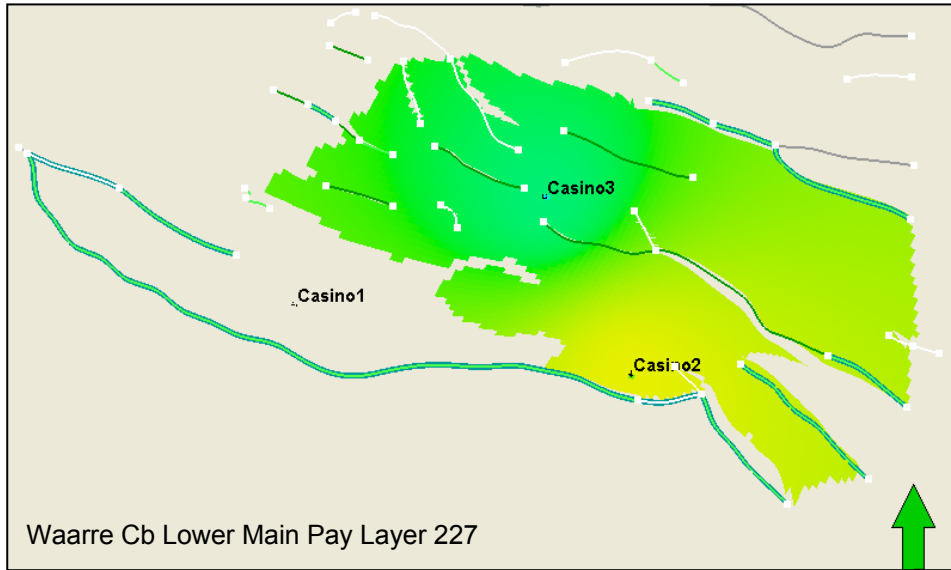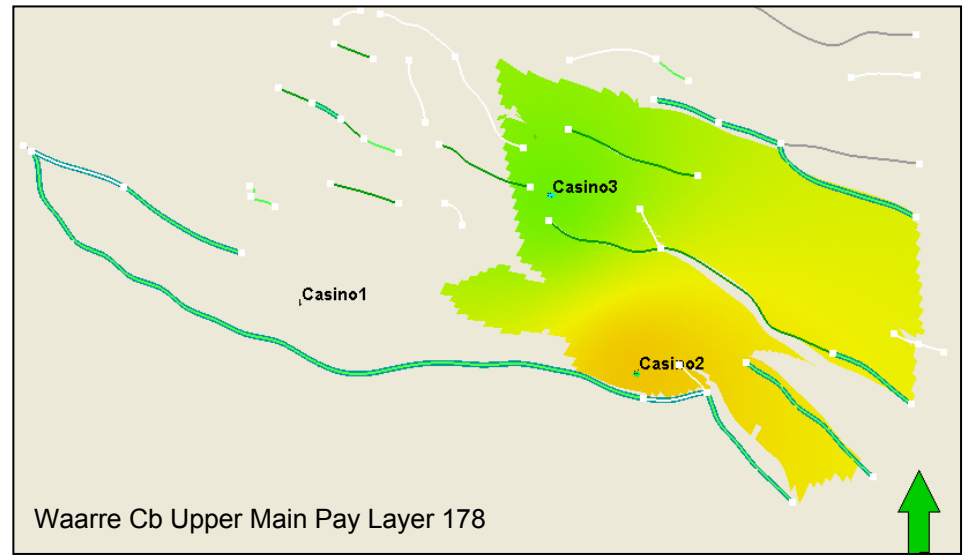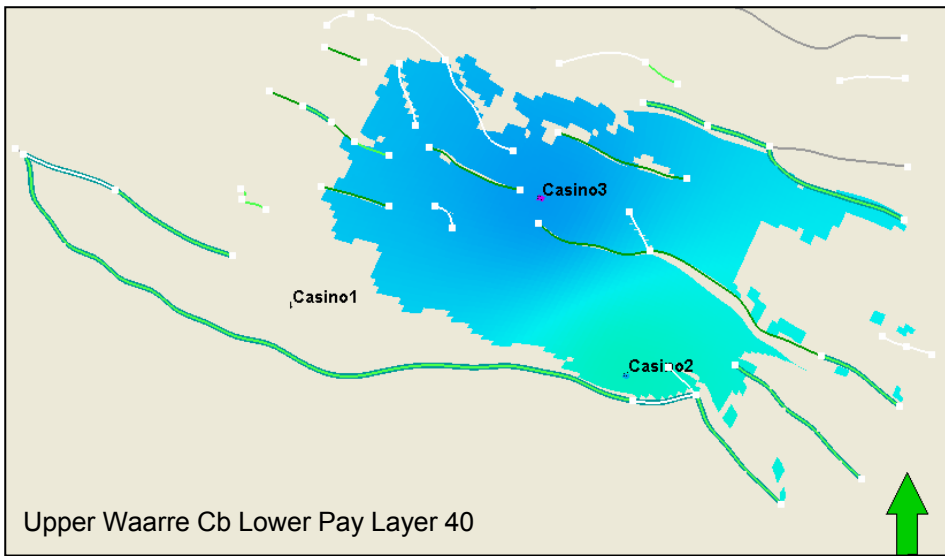- 0.16
- 0.14
- 0.12
- 0.1
- 0.08

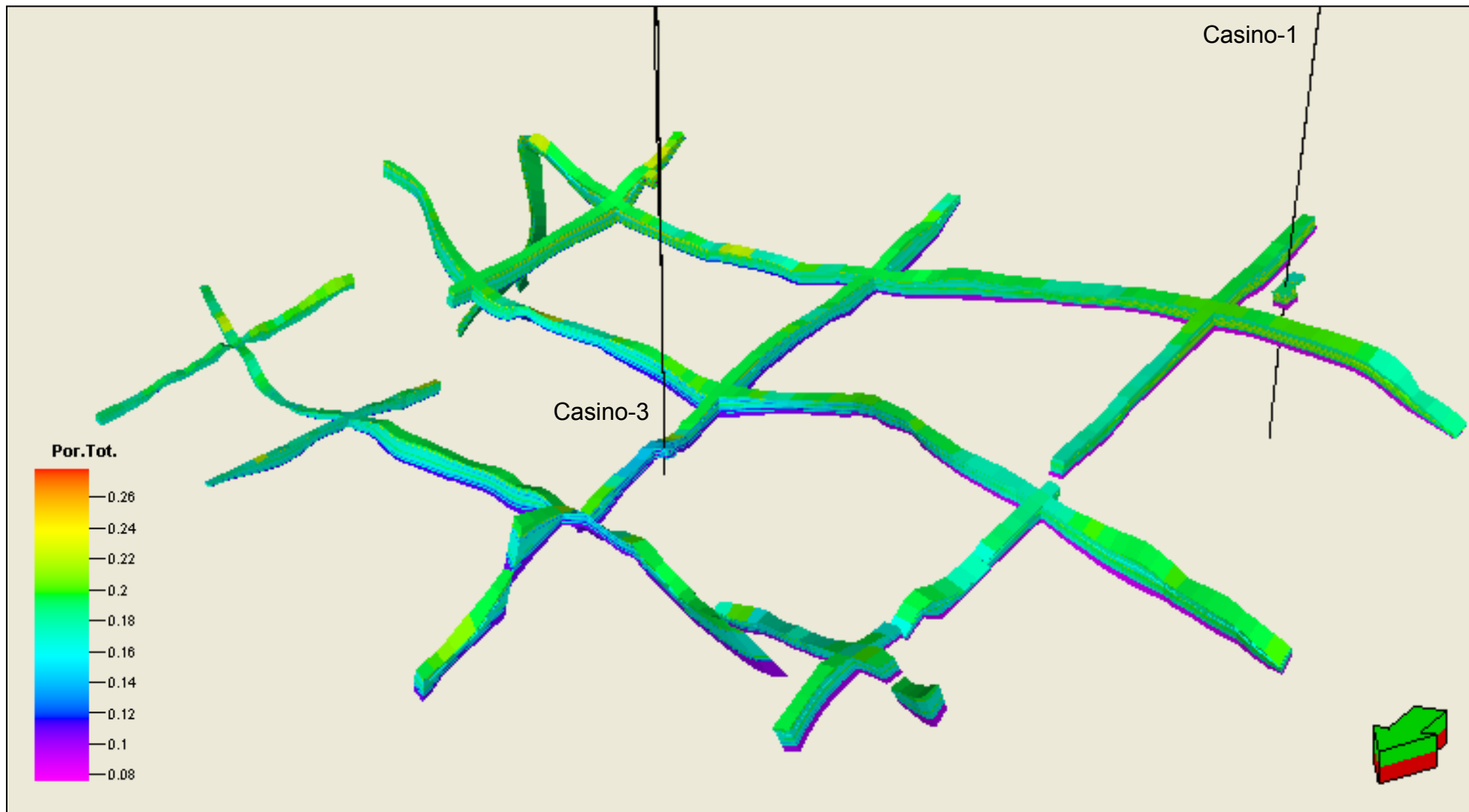Figure 3.10.5-b: Waarre C upscaled porosity – Base Case model

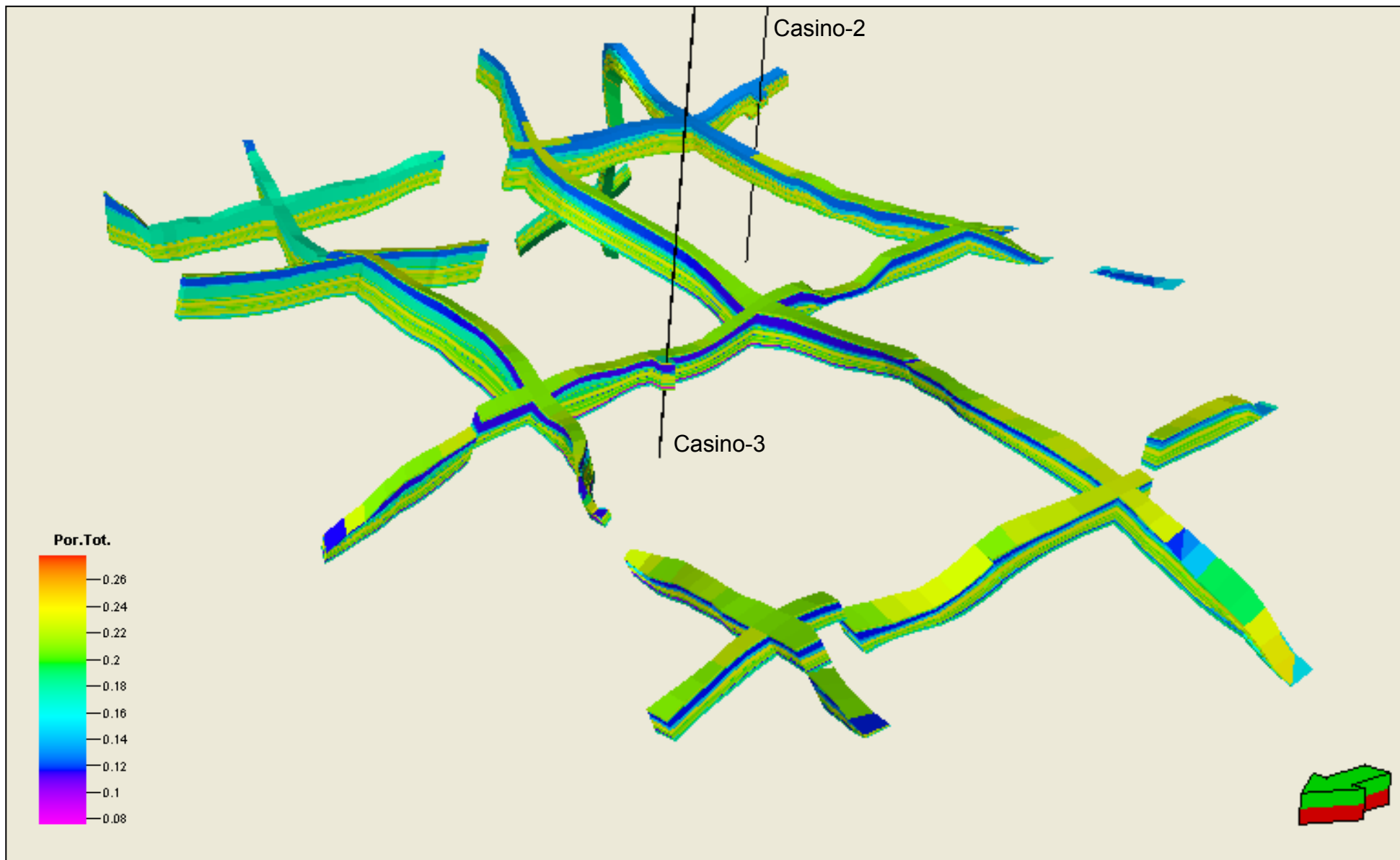Figure 3.10.5-c: Lower Waarre A visualisation of porosity distribution

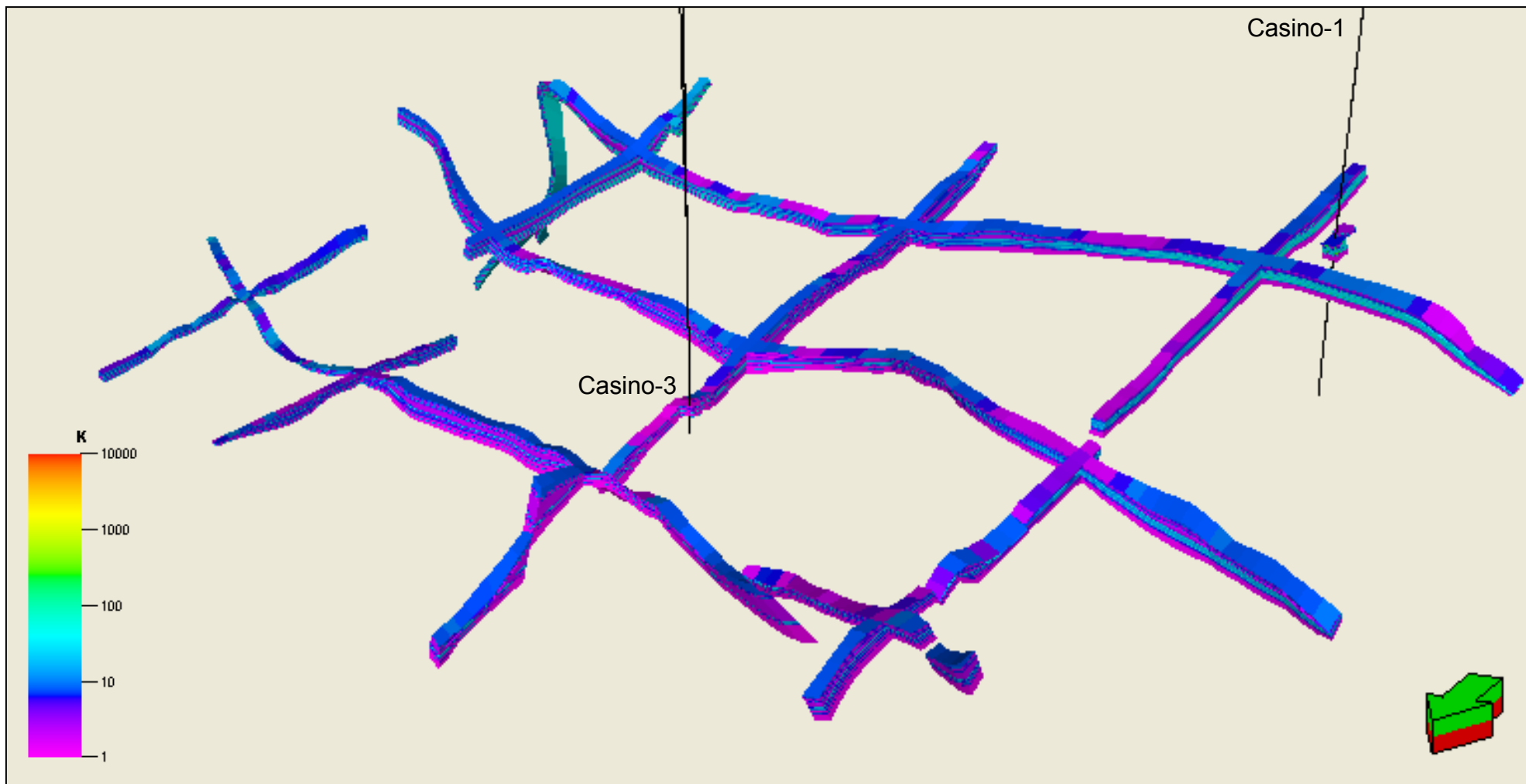Figure 3.10.5-d: Waarre C visualisation of porosity distribution

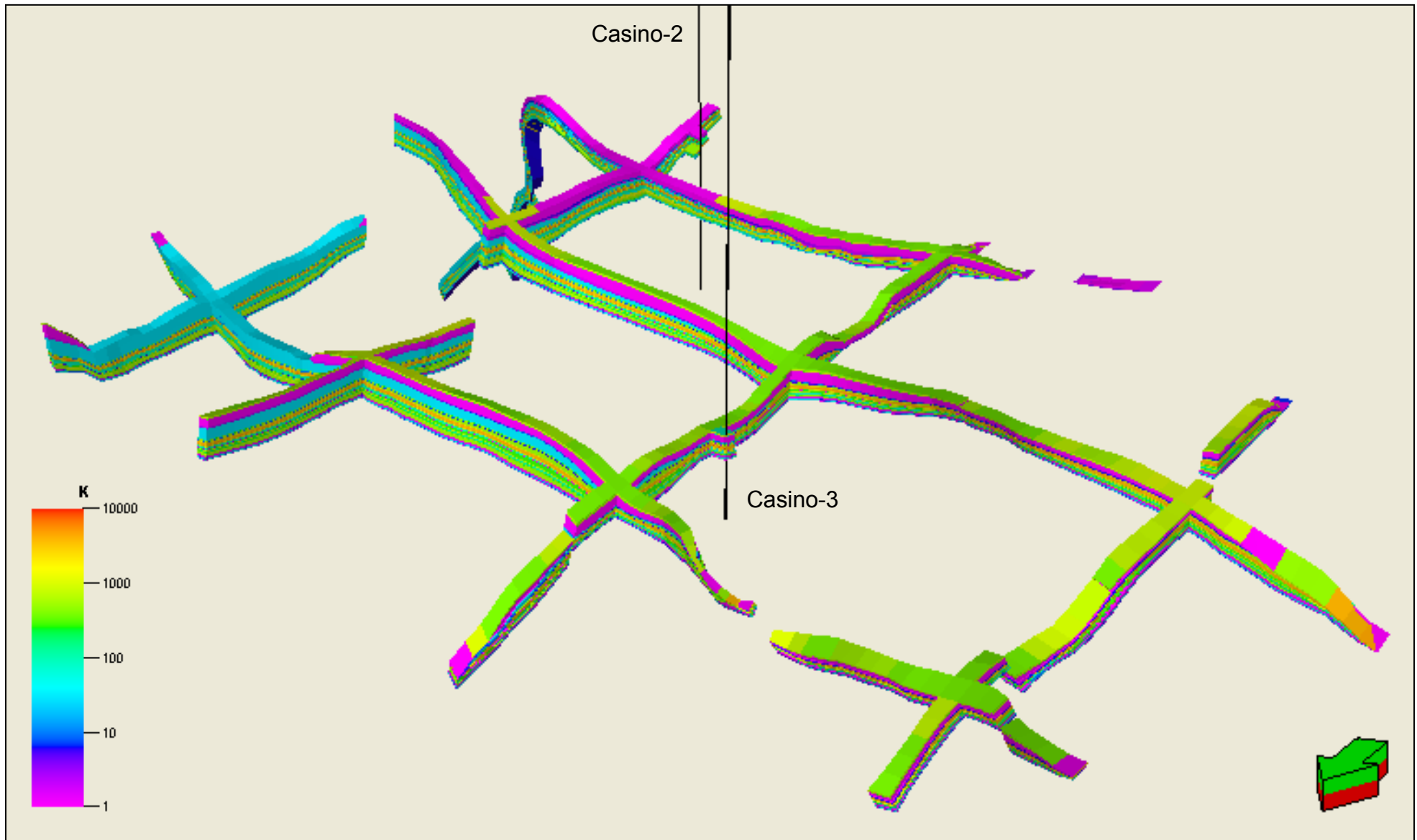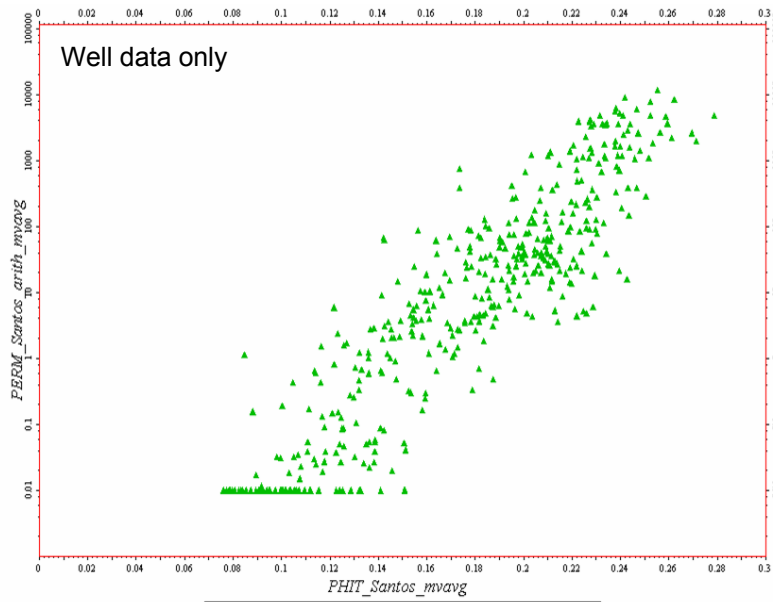Figure 3.10.5-e Lower Waarre A visualisation of permeability distribution
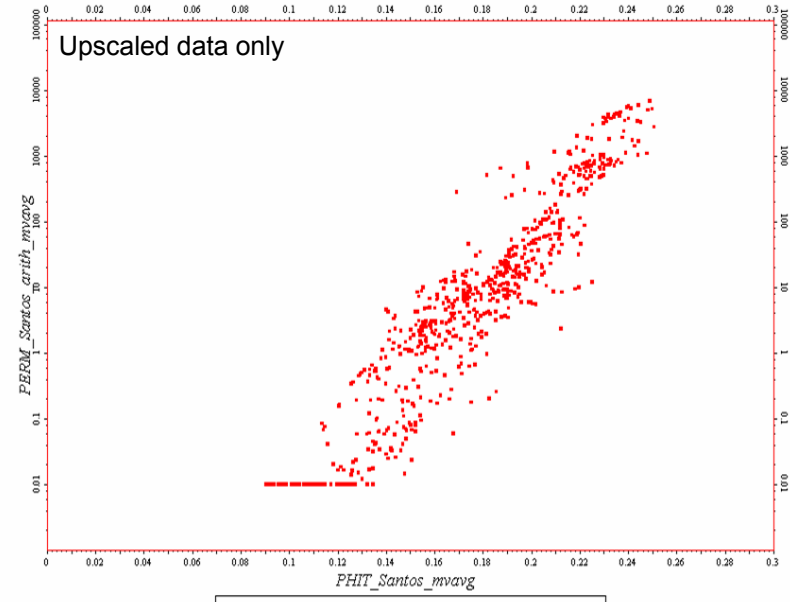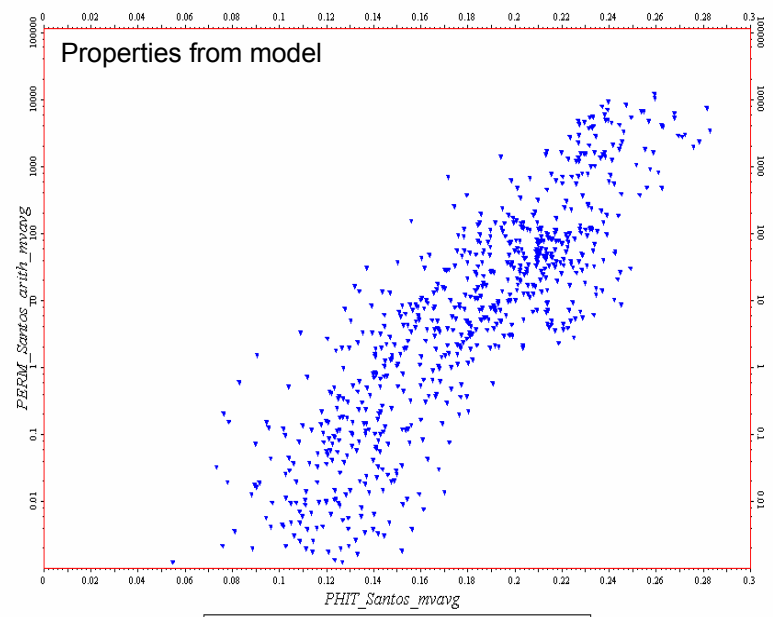
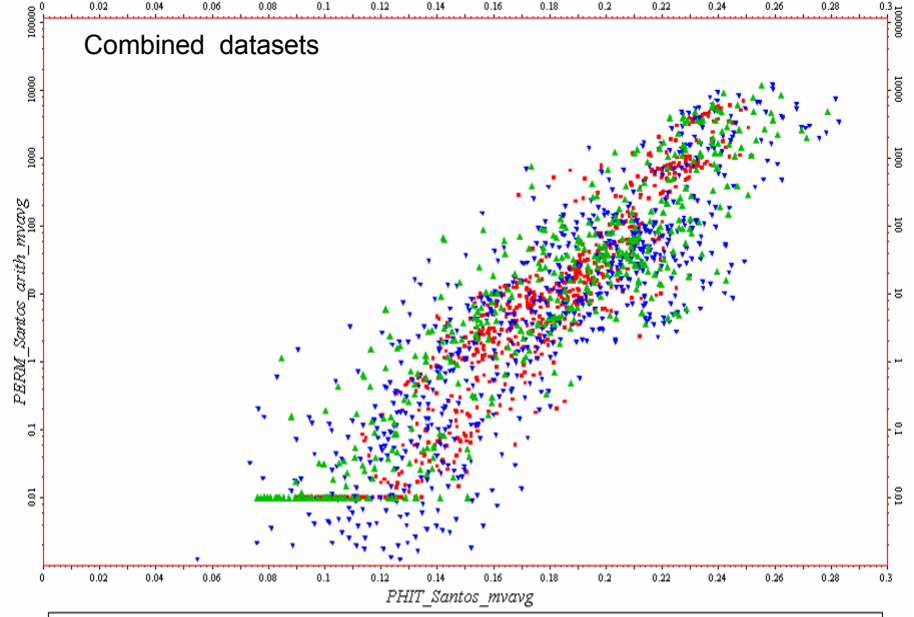Figure 3.10.5-f: Waarre C visualisation of permeability distribution

Figure 3.10.5-g: Poroperm Crossplots – Well only, upscaled data, properties from model and combined datasets

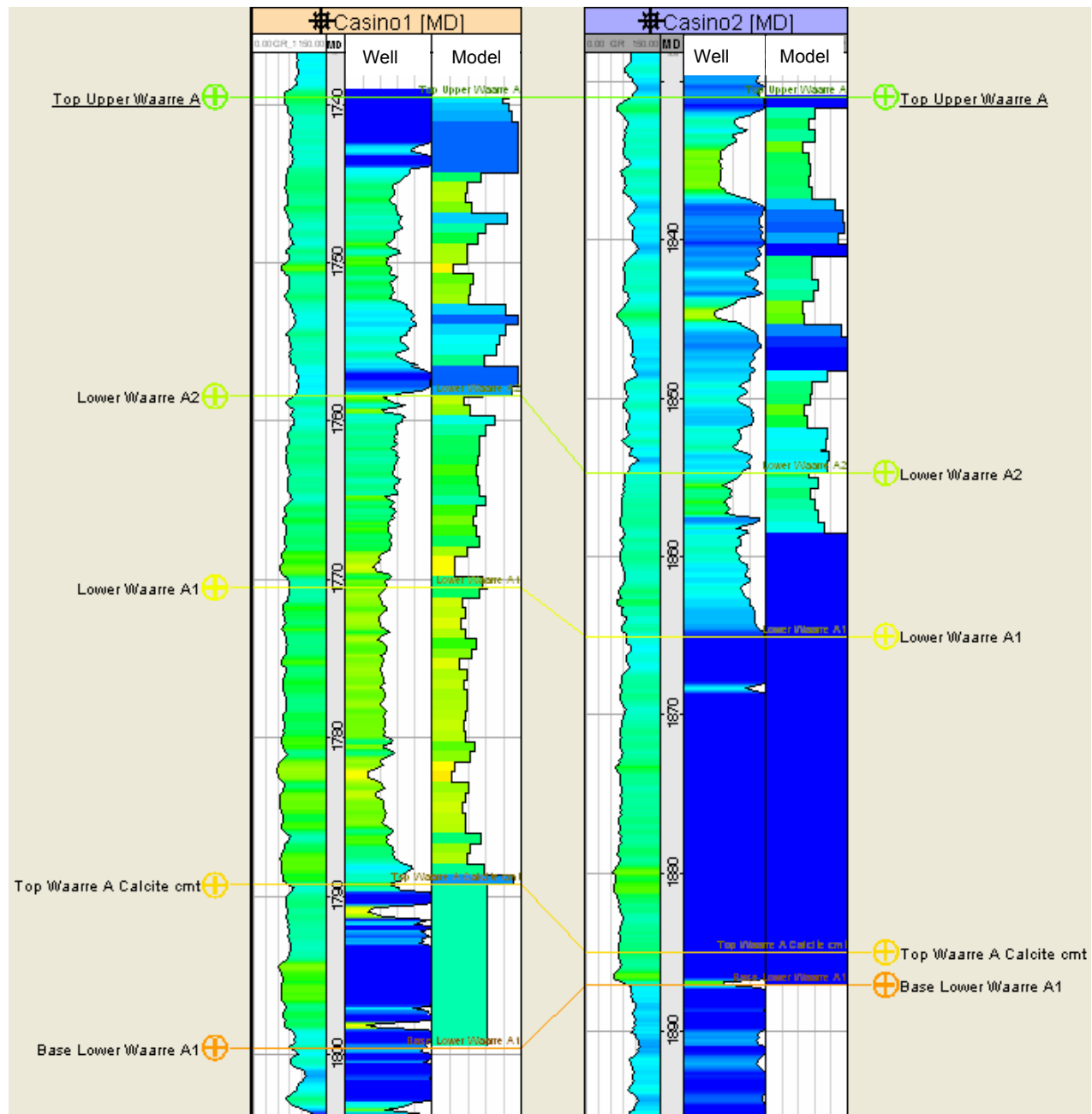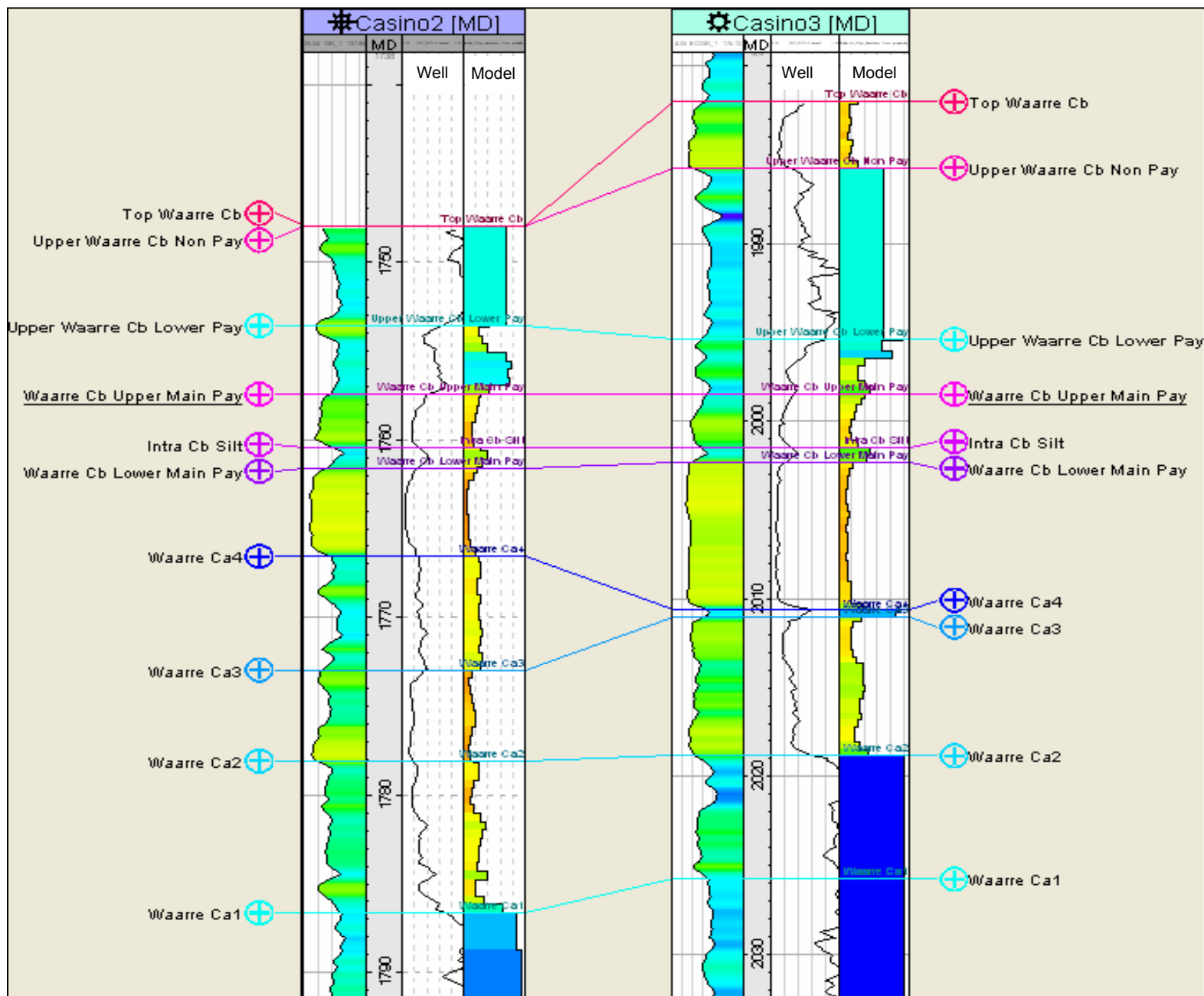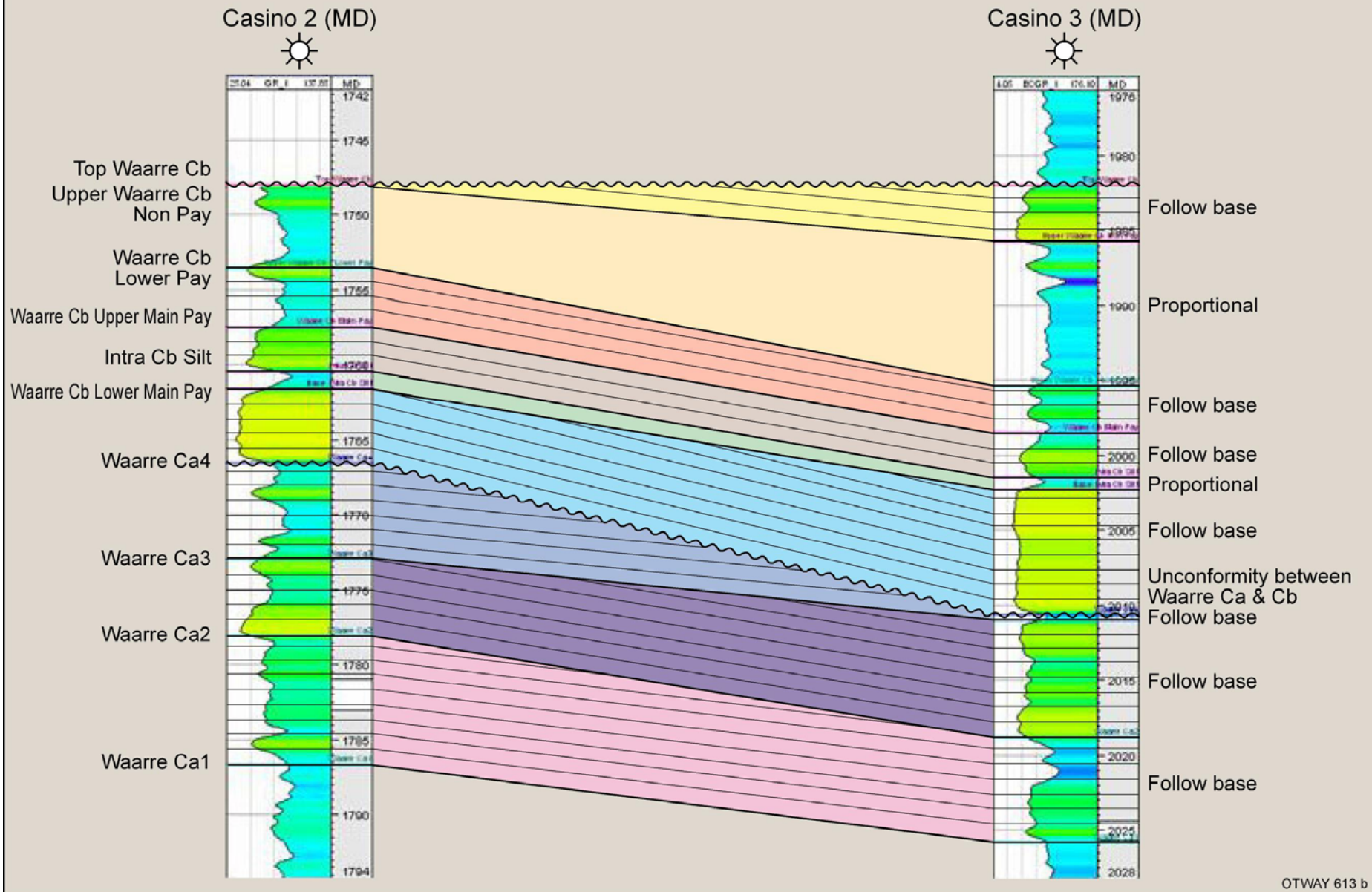Figure 3.10.6-a: Lower Waarre A - Well derived  Sw vs Model's Sw

Figure 3.10.6-b: Waarre C - Well derived Sw vs Model's Sw
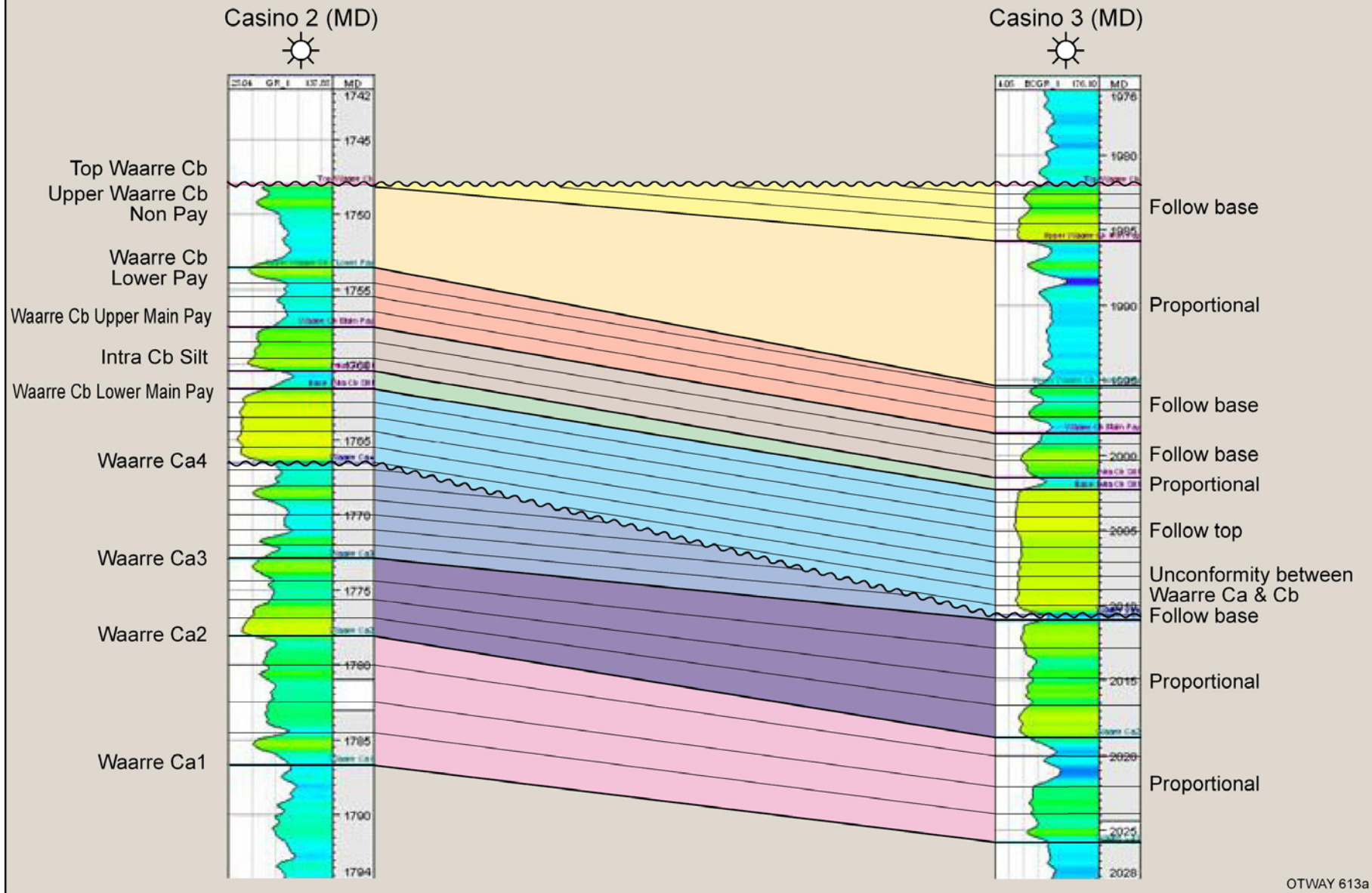
Figure 3.10.7-a: Waarre C intra layer sub-division – Base Case

Figure 3.10.7-b: Waarre C intra layer sub-division – hybrid case