

Figure 3.5.1-a: Structural Elements of the Casino area

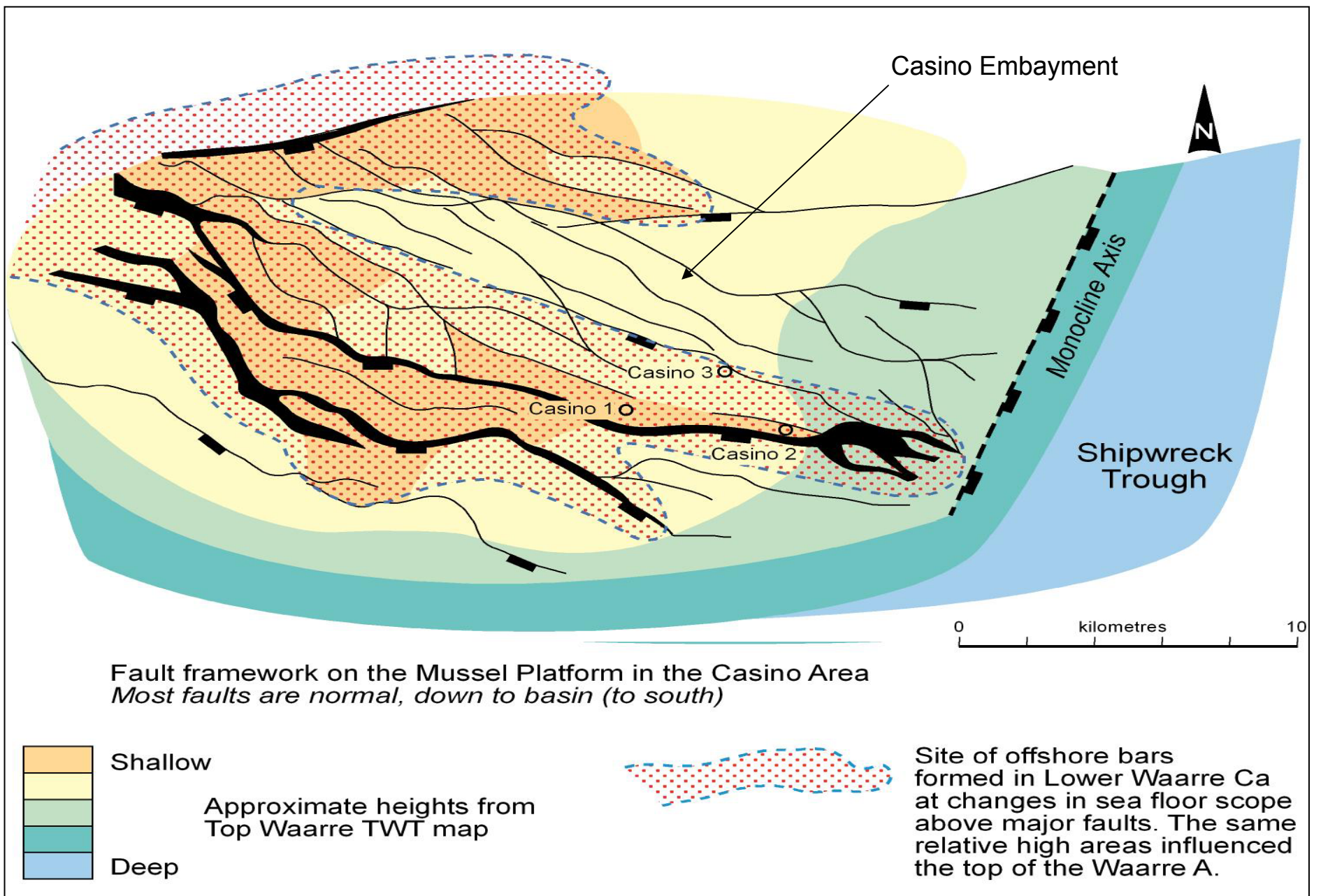


Figure 3.5.1-b: Underlying structure controlling Casino's depositional systems

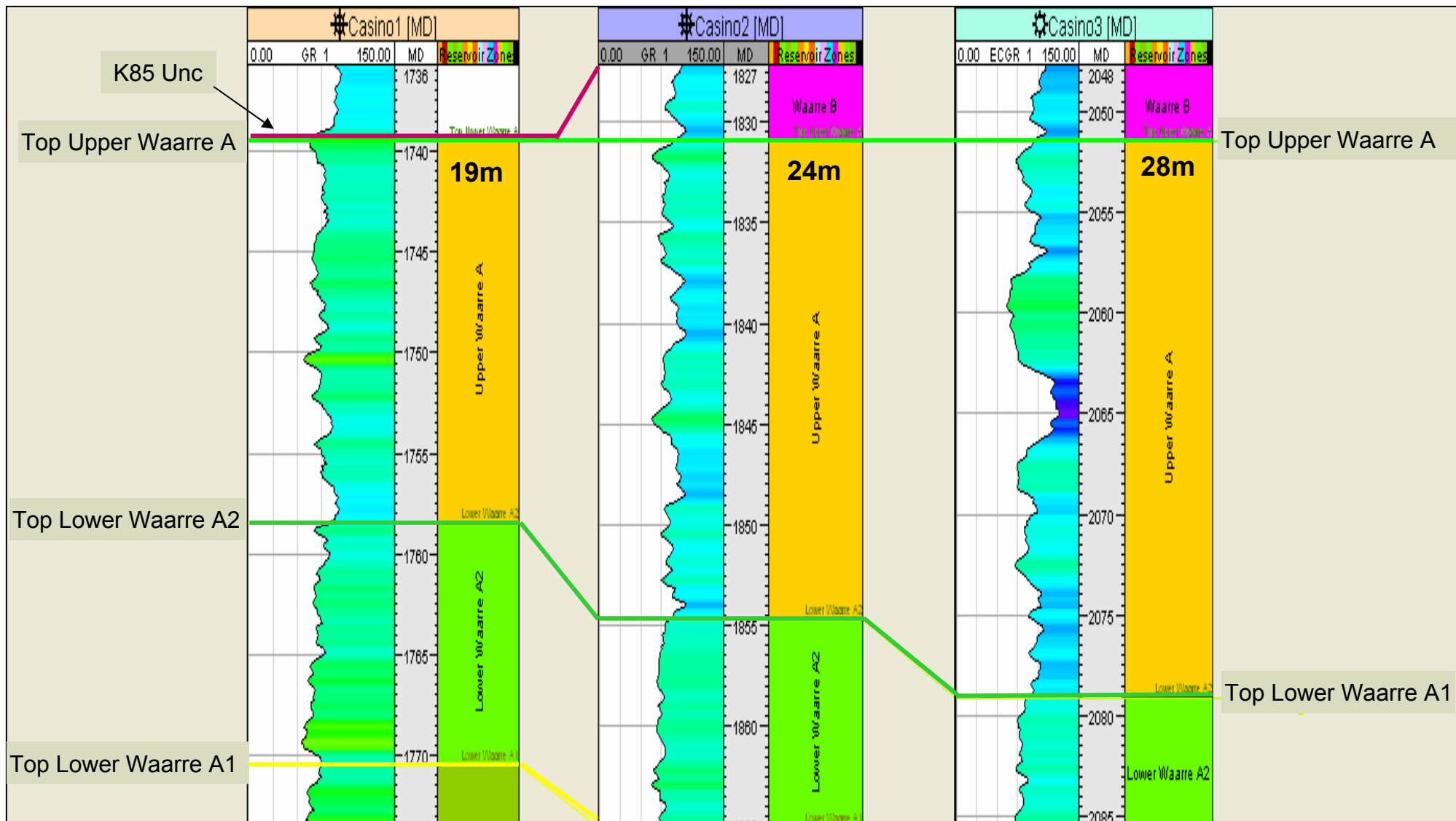
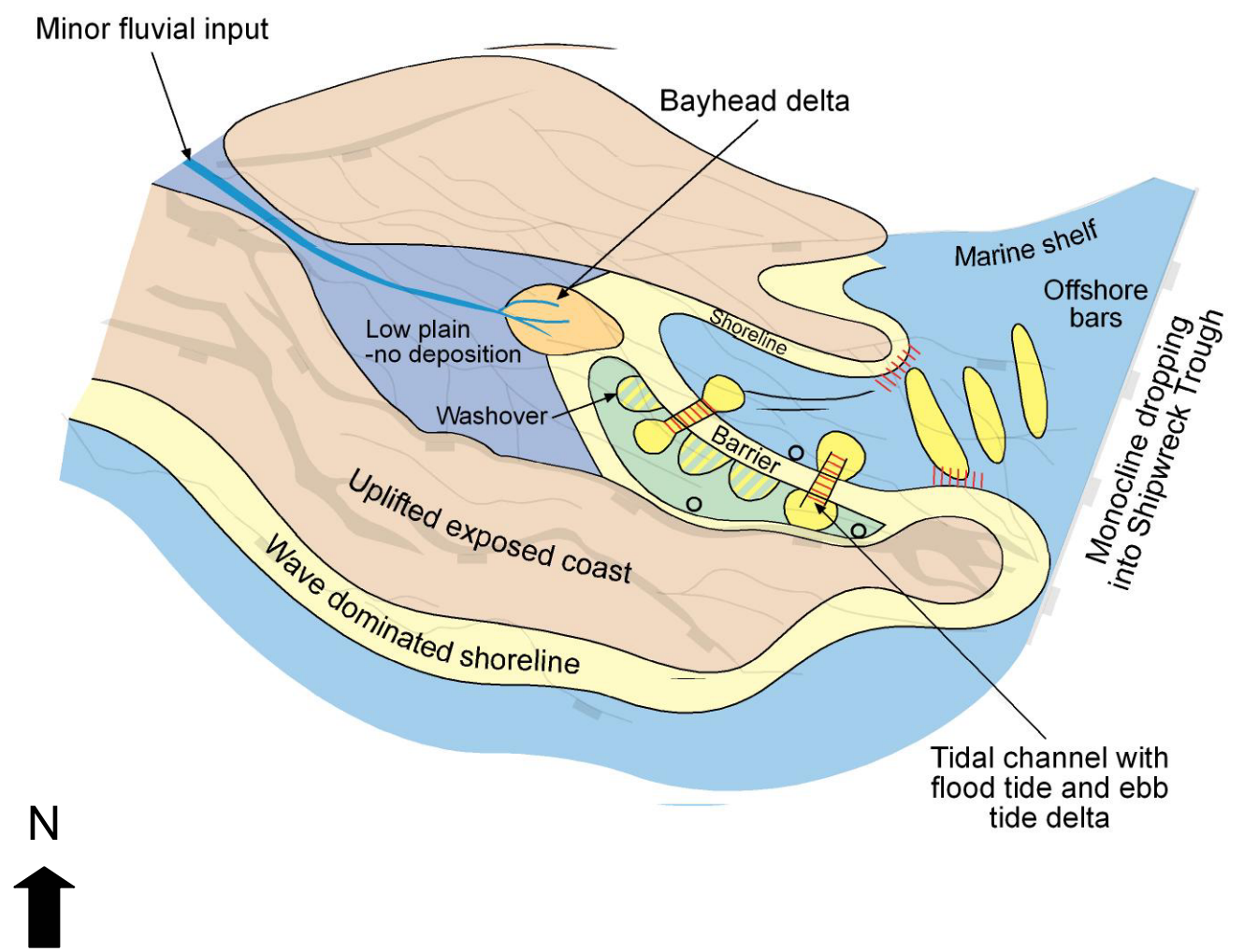
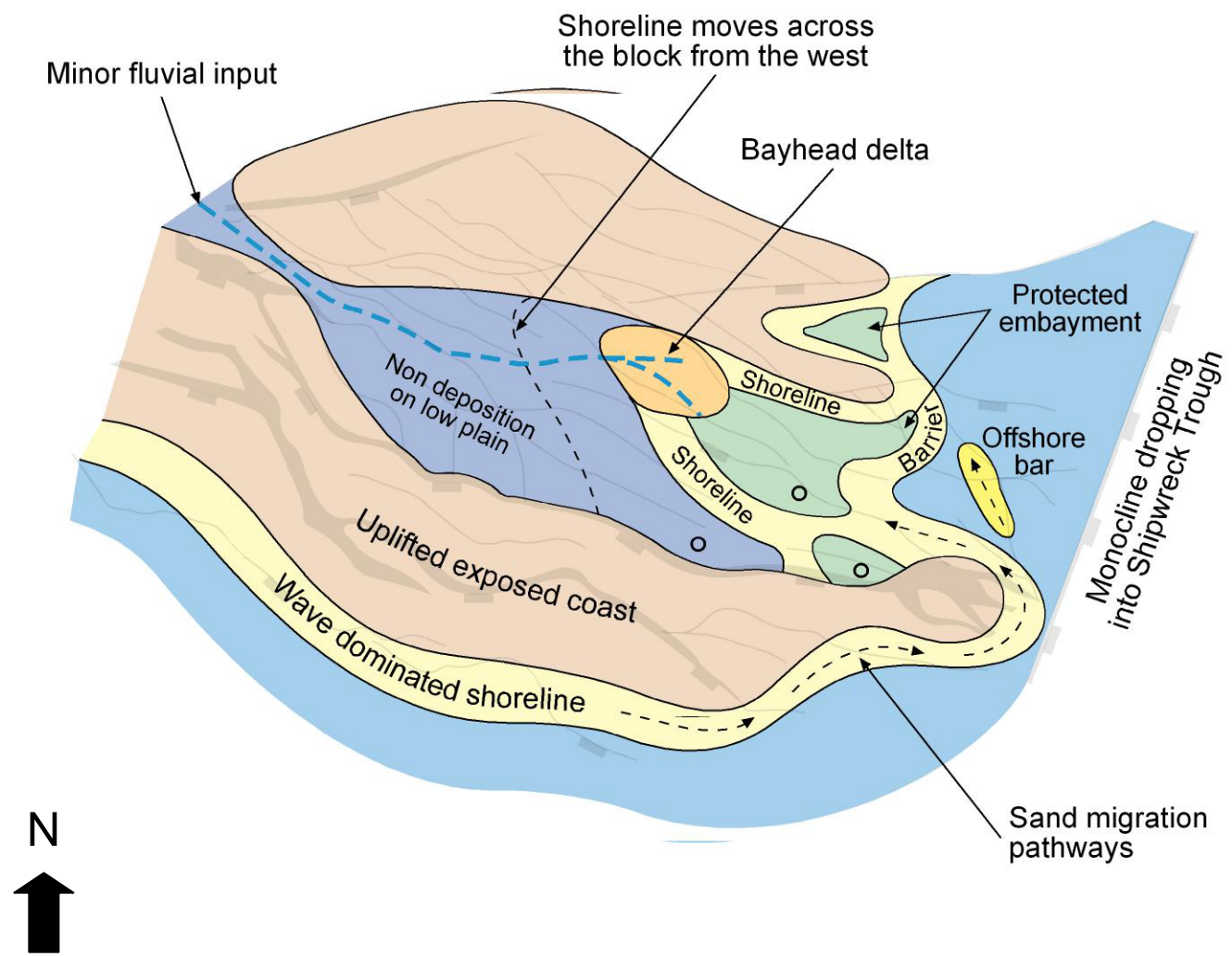


Figure 3.5.1-c: Well correlation highlighting the thickness variation in the Upper Waarre A



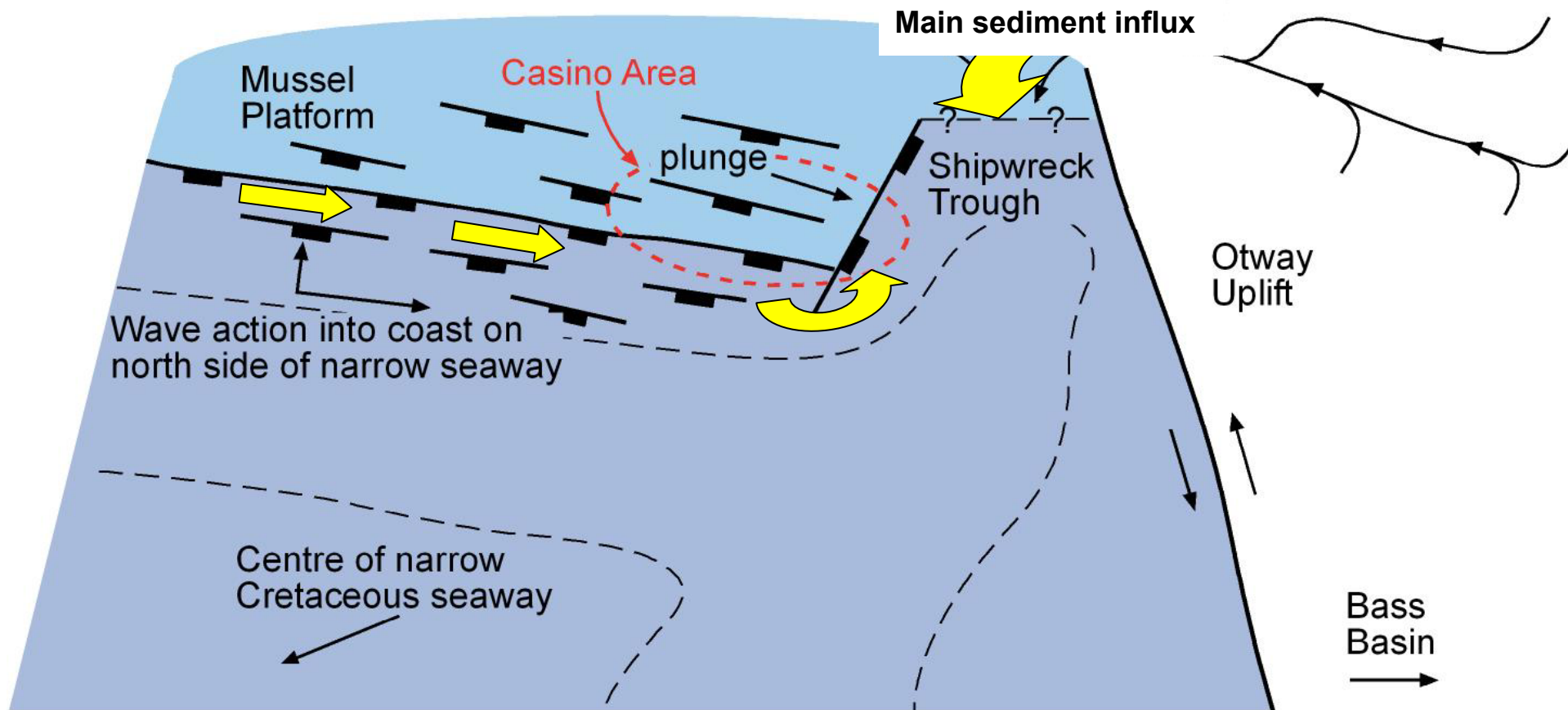
Snapshot of facies distribution at time of deposition of Mid Waarre Ca.

Figure 3.5.1-d: Casino embayment depositional environments - Lower Waarre Ca



Facies on the Casino Block shown at the shoreline position currently defined by the truncation edge of the Waarre Ca interval between C1 and C2. Snapshot at time of Upper Waarre Ca.

Figure 3.5.1-e: Casino embayment depositional environments - Upper Waarre Ca



Cartoon of basin geometry at the eastern end of the Cretaceous seaway at its time of deposition of the Waarre Sandstone

Figure 3.5.1-f: Sand transport around the margins of the Mussel Platform

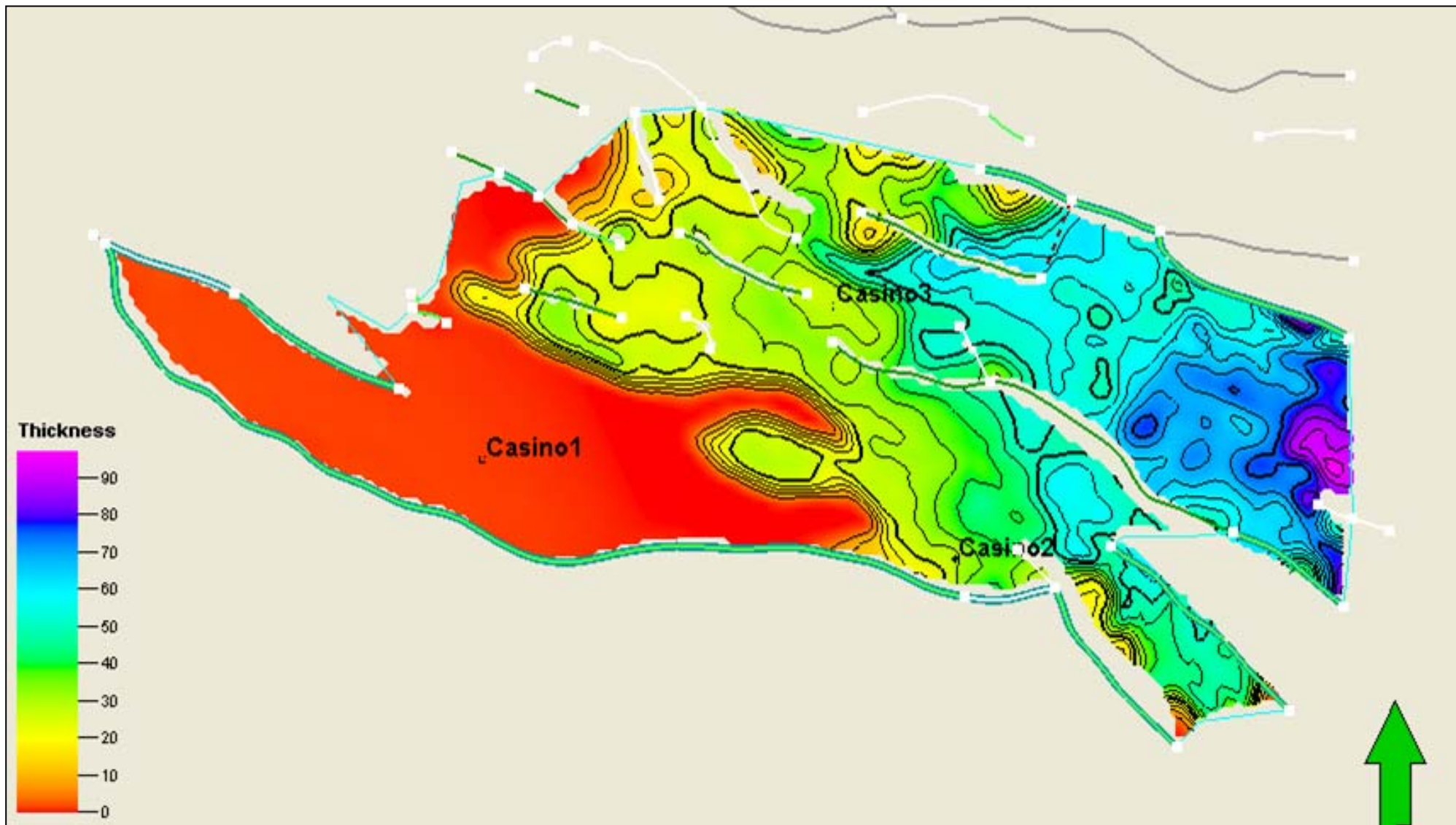
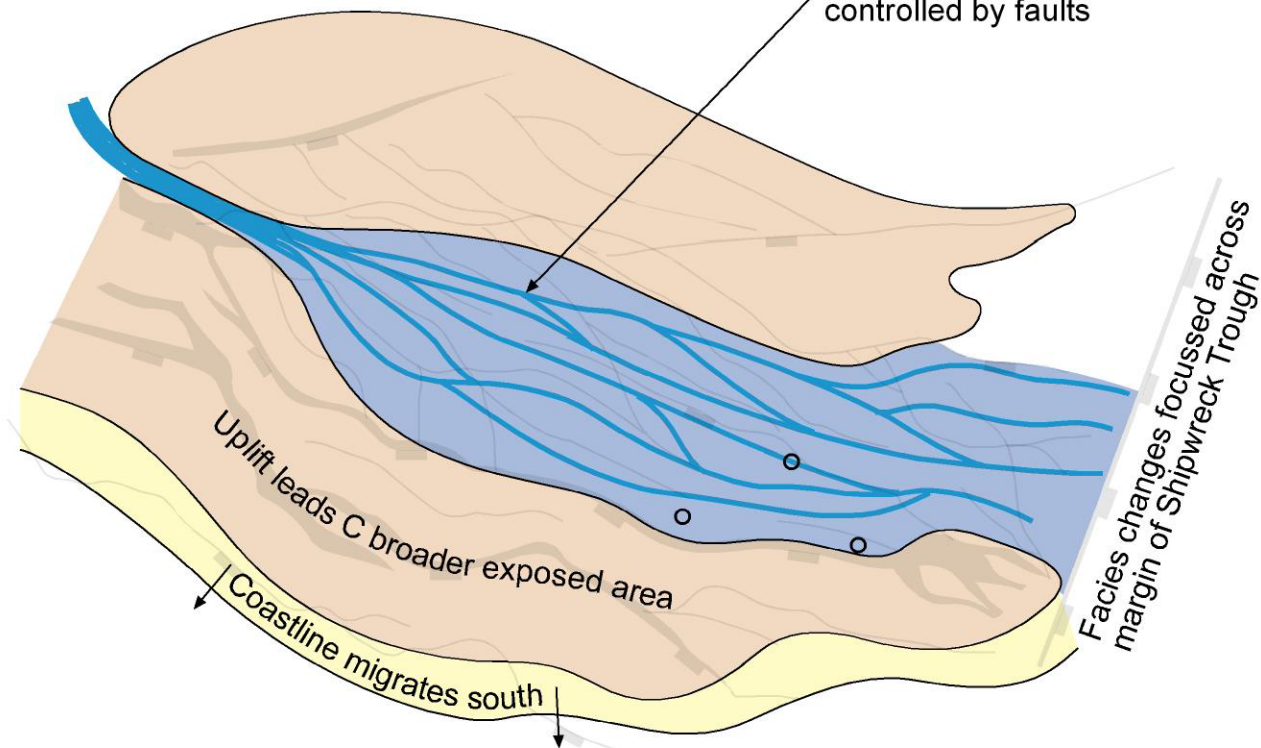


Figure 3.5.1-g: Top Waarre Cb Main Pay to Top Waarre Ca1 isopach

Tectonic adjustment at base of Waarre Cb directs fluvial system onto tilted Casino fault block

Fluvial system controlled by faults



Snapshot of depositional facies during sedimentation of Waarre Cb

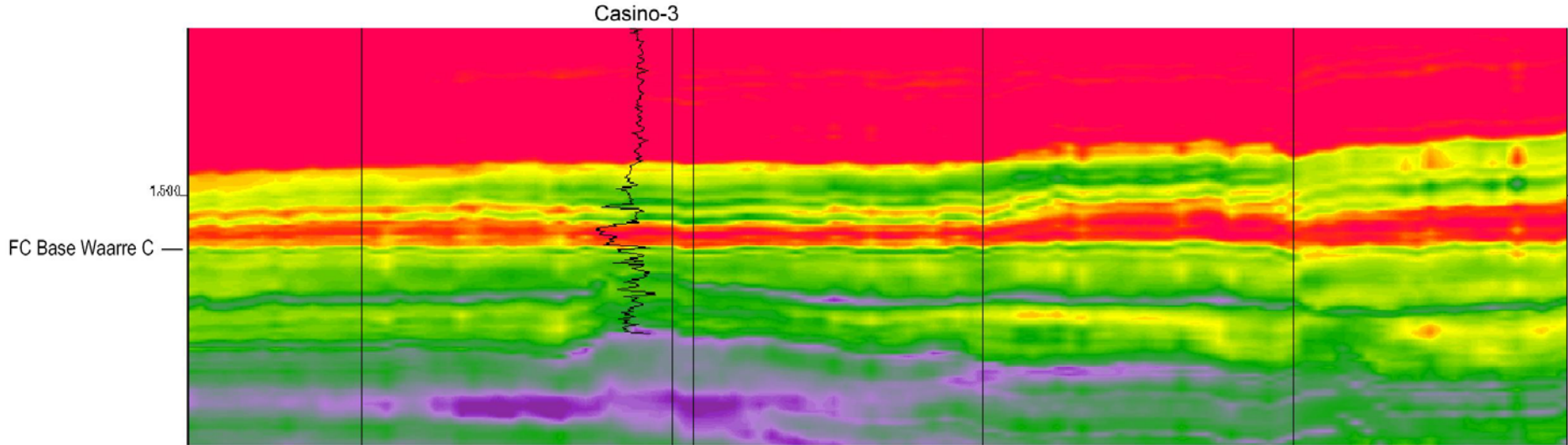
Figure 3.5.1-h: Schematic Waarre Cb palaeogeography



# Thickening of the Waarre C east of Casino-3

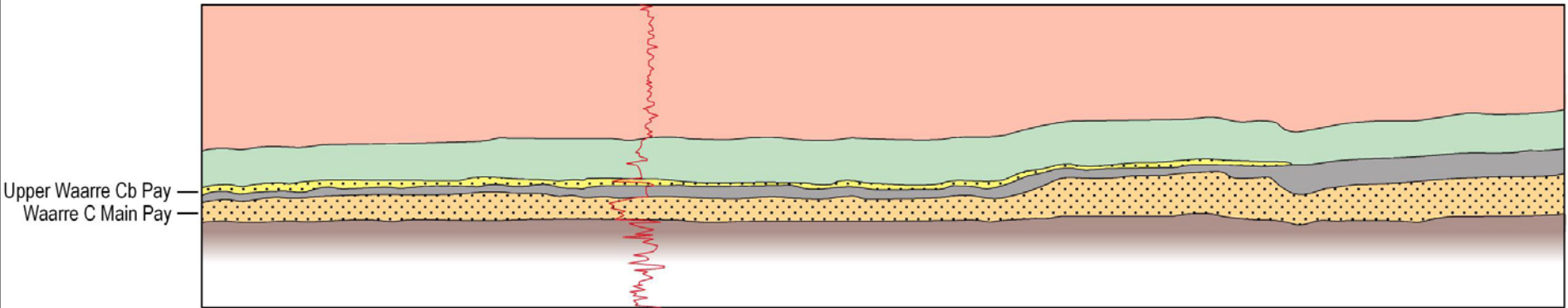
WNW

ESE



Model Based (MB) impedance display flattened on FC Base Waarre C

Casino-3



Schematic of impedance section: highlights the Upper Waarre Cb sand and the easterly increase in thickness of the Waarre C Main Pay interval.

Figure 3.5.1-i: Flattened WNW-ESE seismic line (MB impedance display) through Casino-3 and into the water leg.

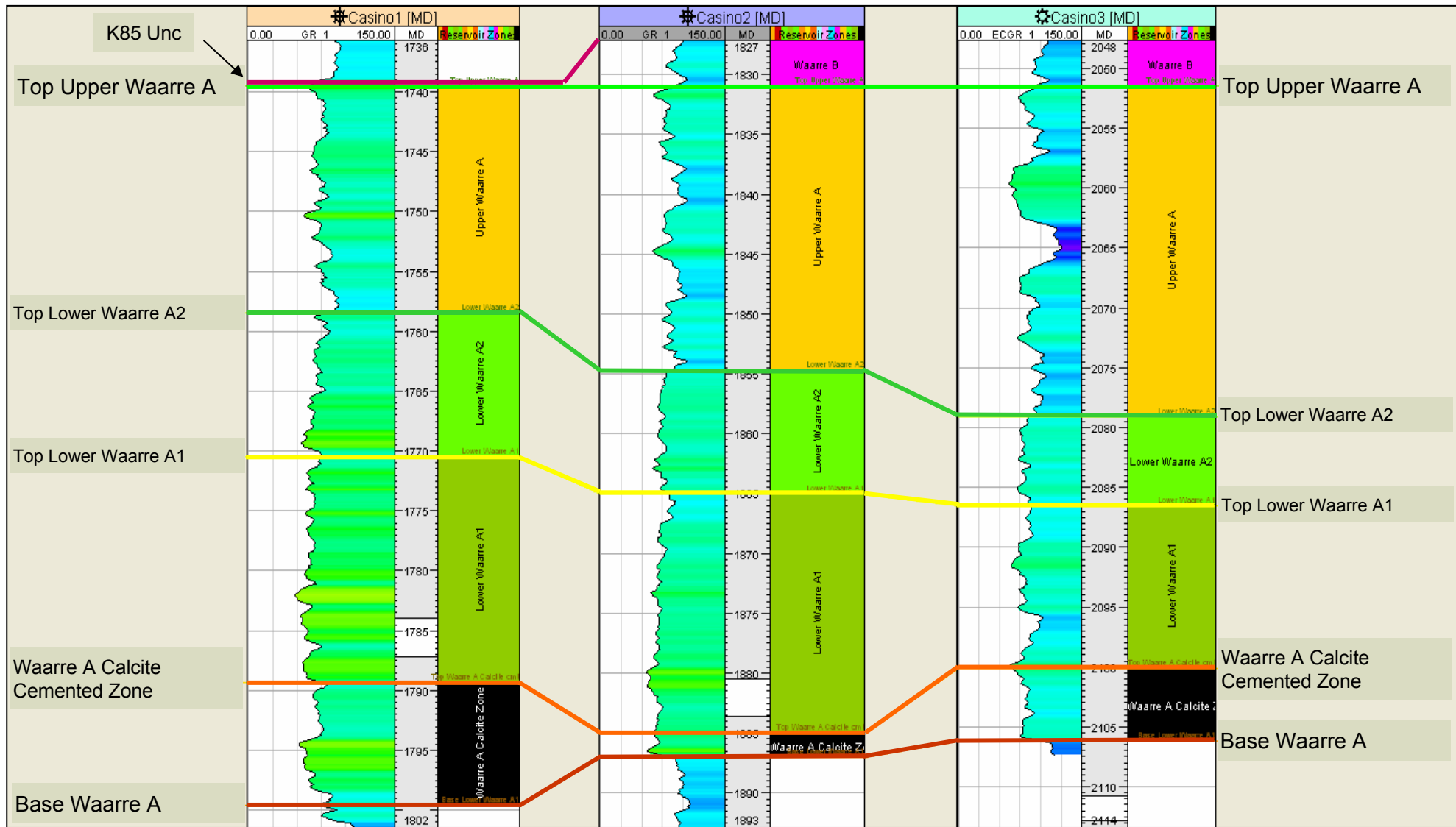


Figure 3.5.2-a: Waarre A correlation – Casino-1, 2 & 3

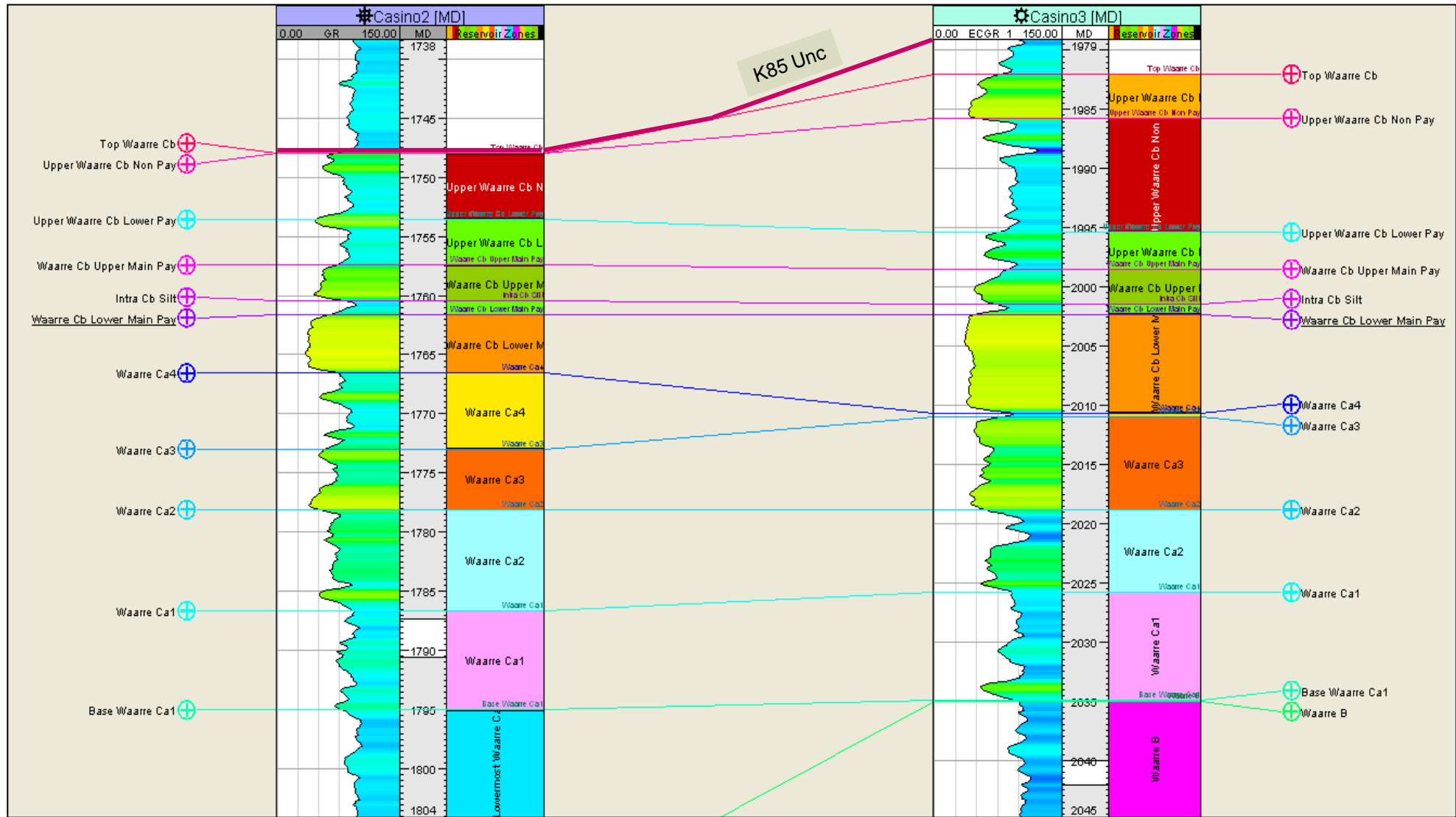
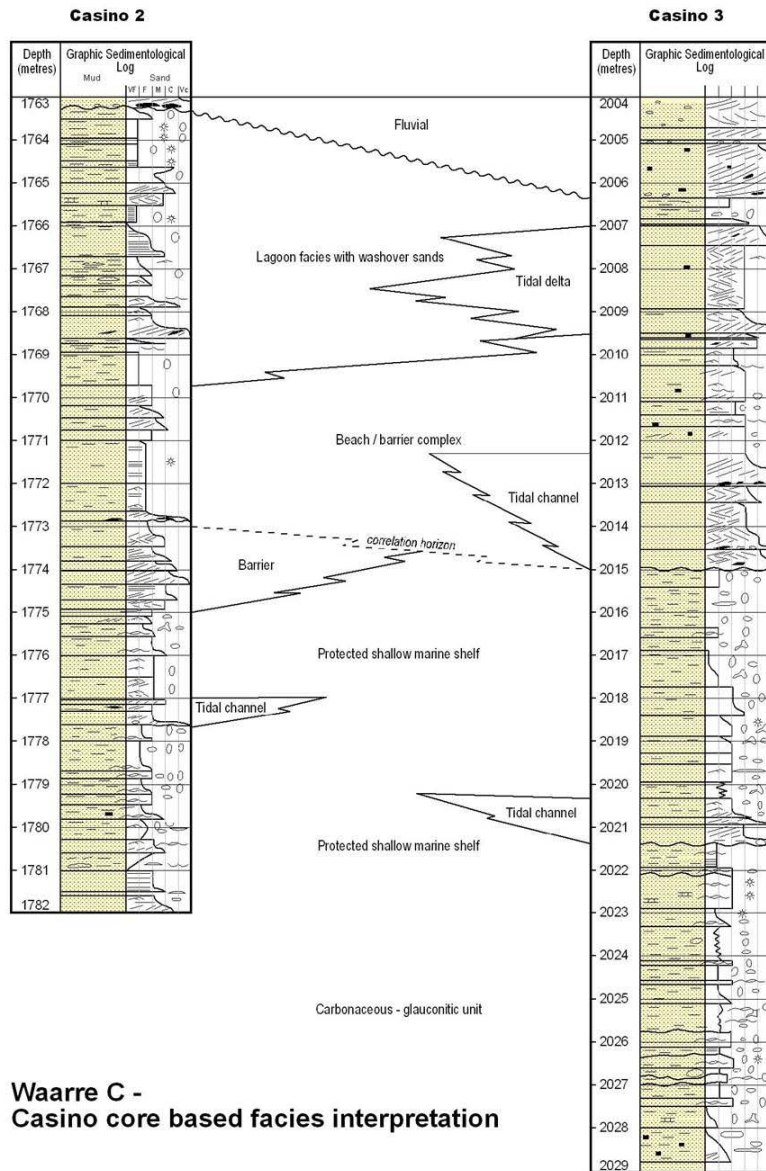


Figure 3.5.2-b: Waarre C correlation – Casino-2 & 3



**Waarre C -  
Casino core based facies interpretation**

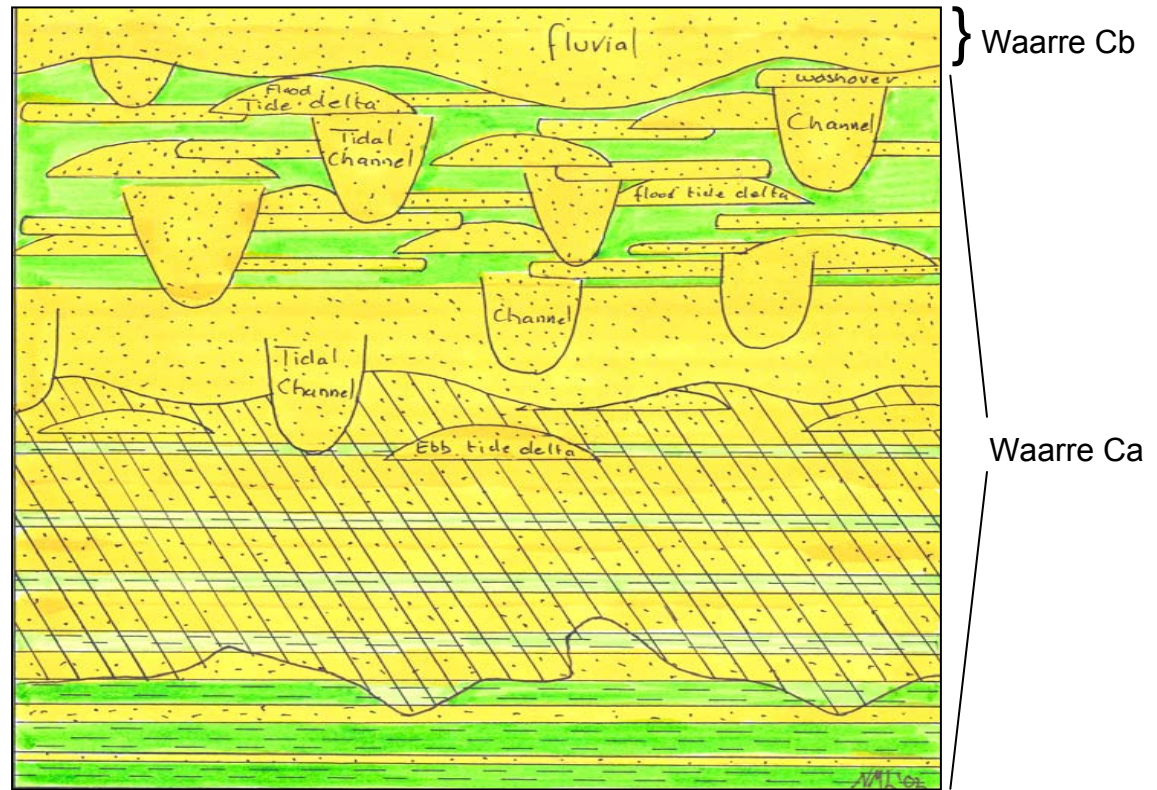


Figure 3.5.3-a: Casino-2 & 3 core facies interpretation, correlation and schematic cross section

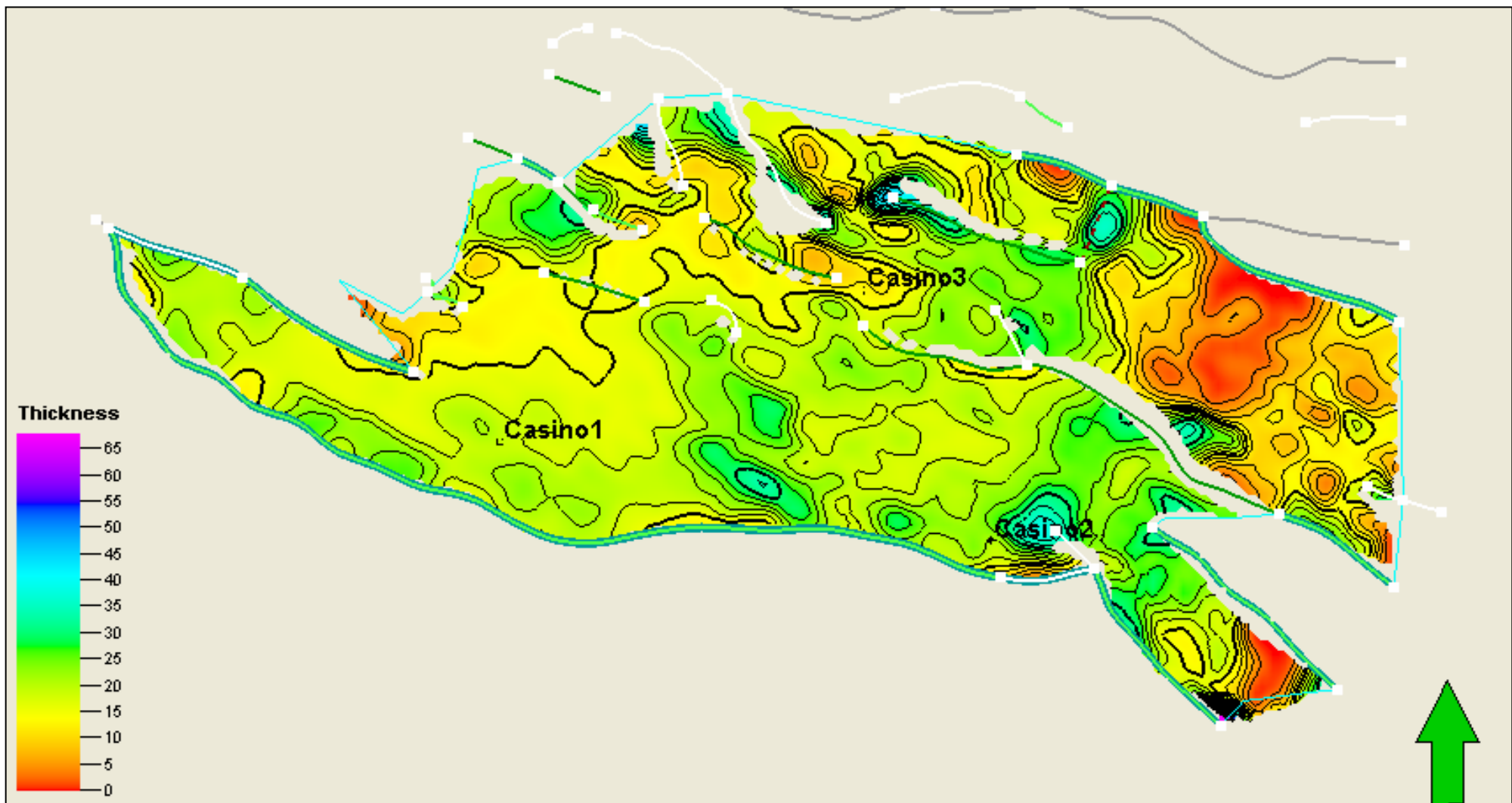


Figure 3.5.4-a: Lower Waarre A1 isopach

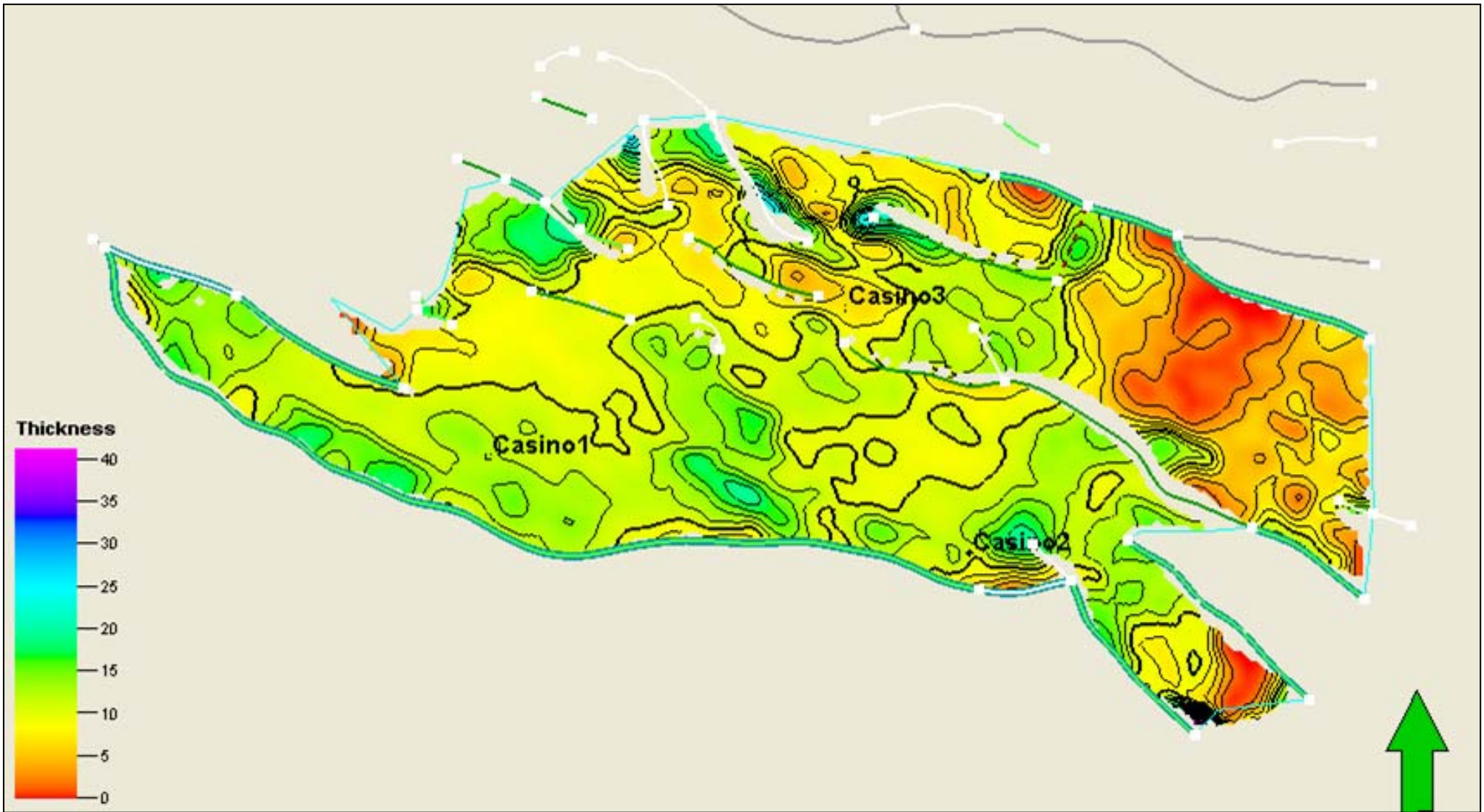


Figure 3.5.4-b: Lower Waarre A2 isopach

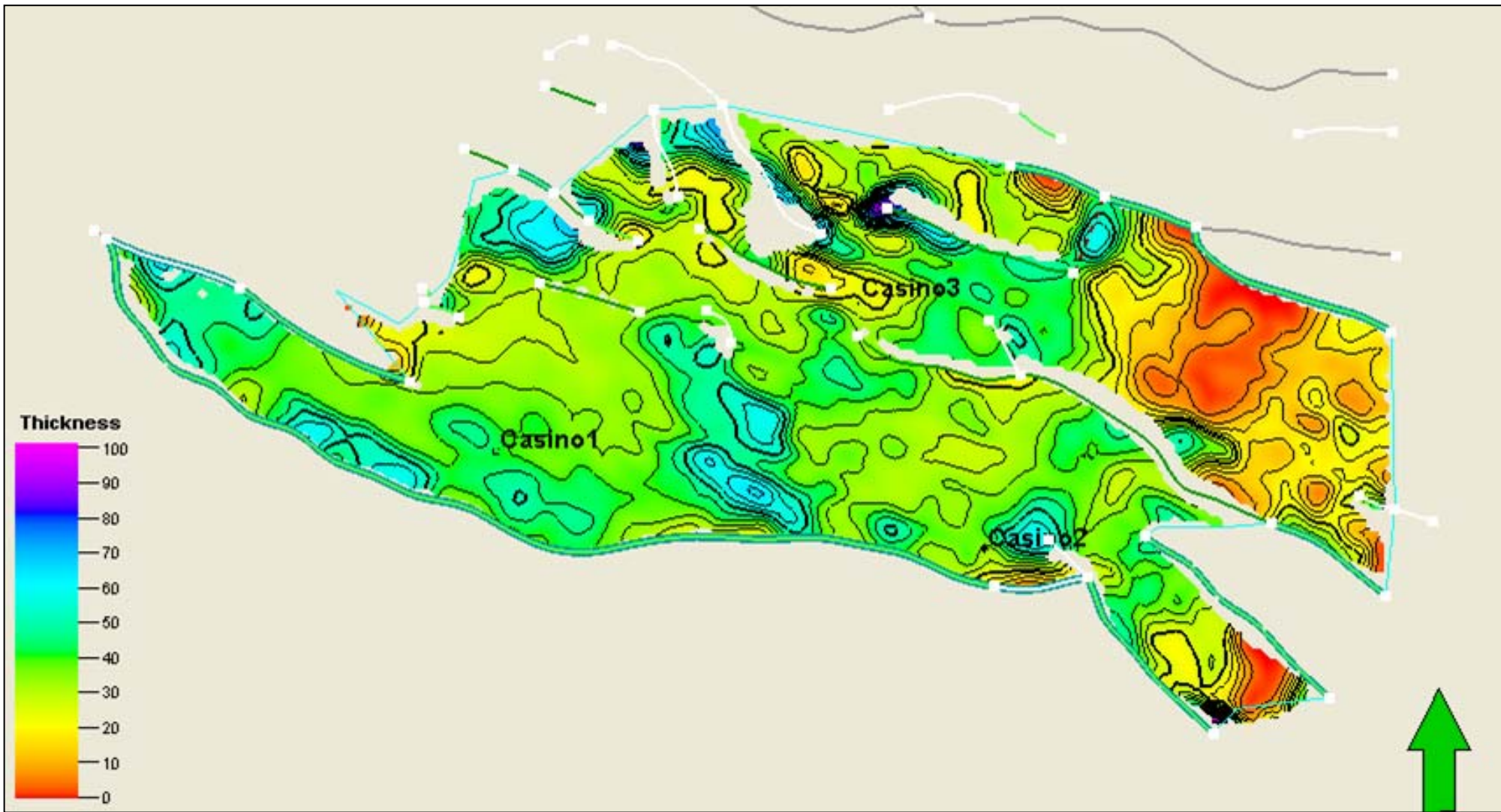


Figure 3.5.4-c: Top Lower Waarre A2 to Base Waarre A

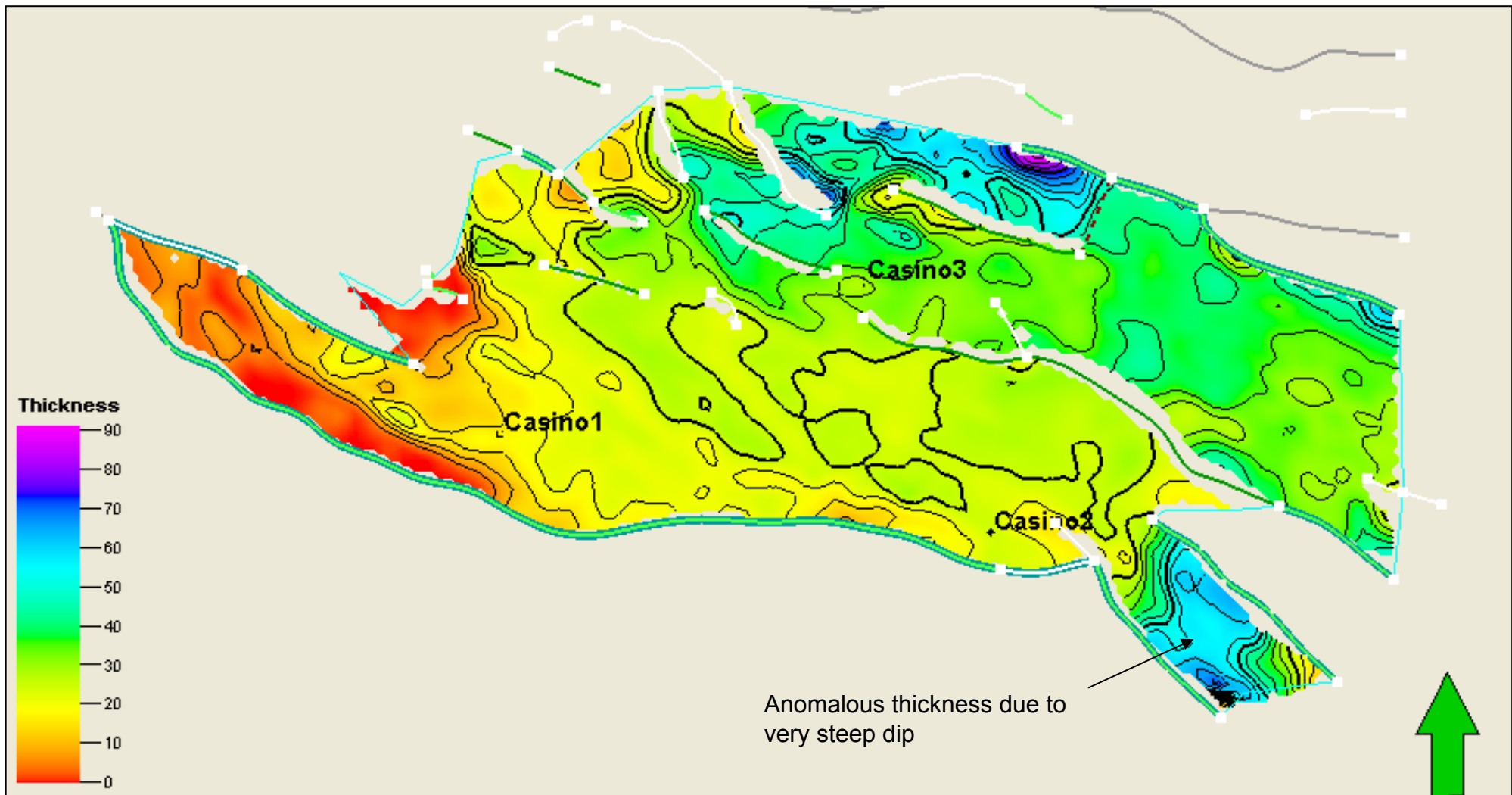


Figure 3.5.4-d: Upper Waarre A isopach



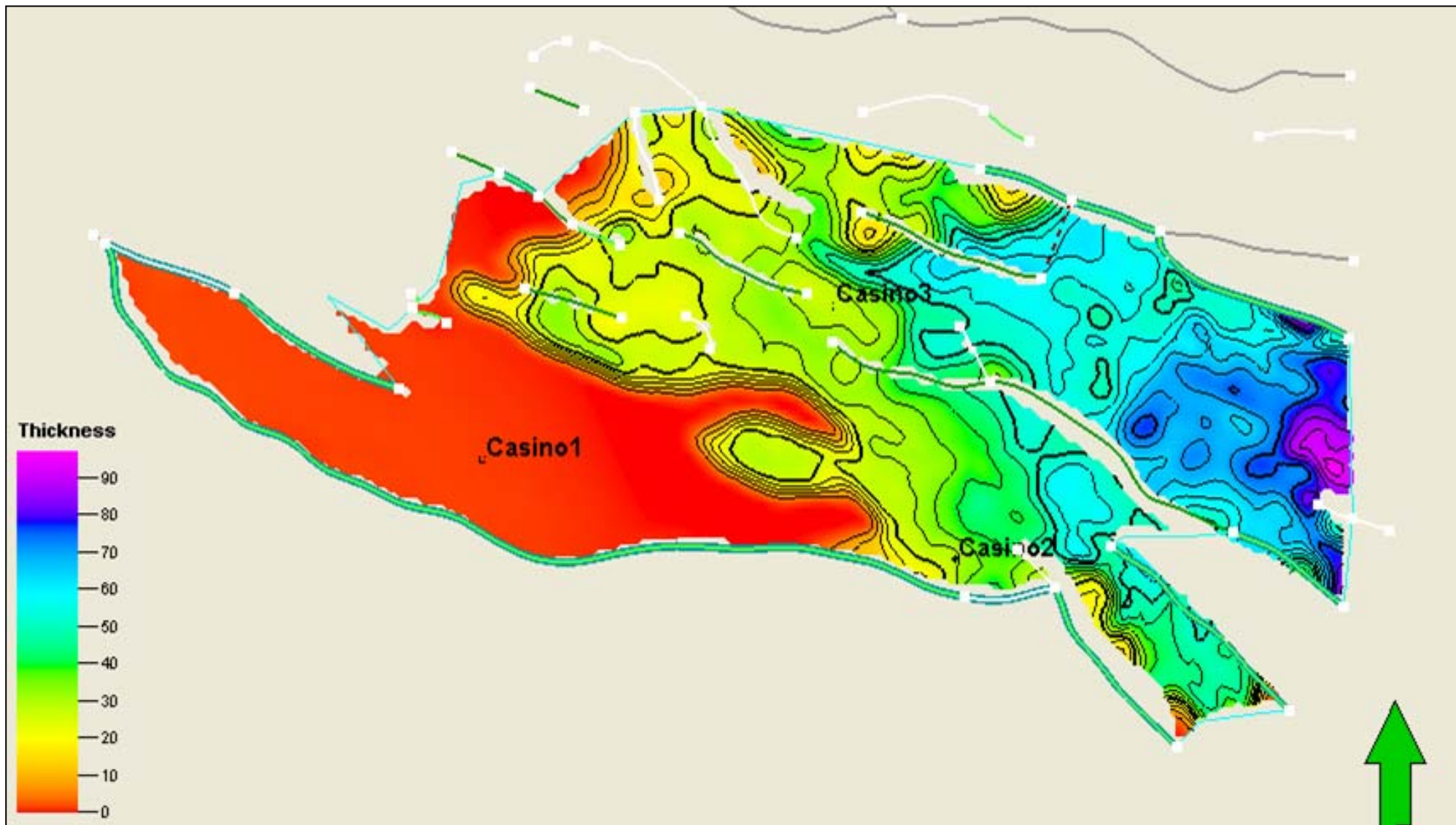


Figure 3.5.4-e: Top Waarre Cb Main Pay to Top Waarre Ca1 isopach

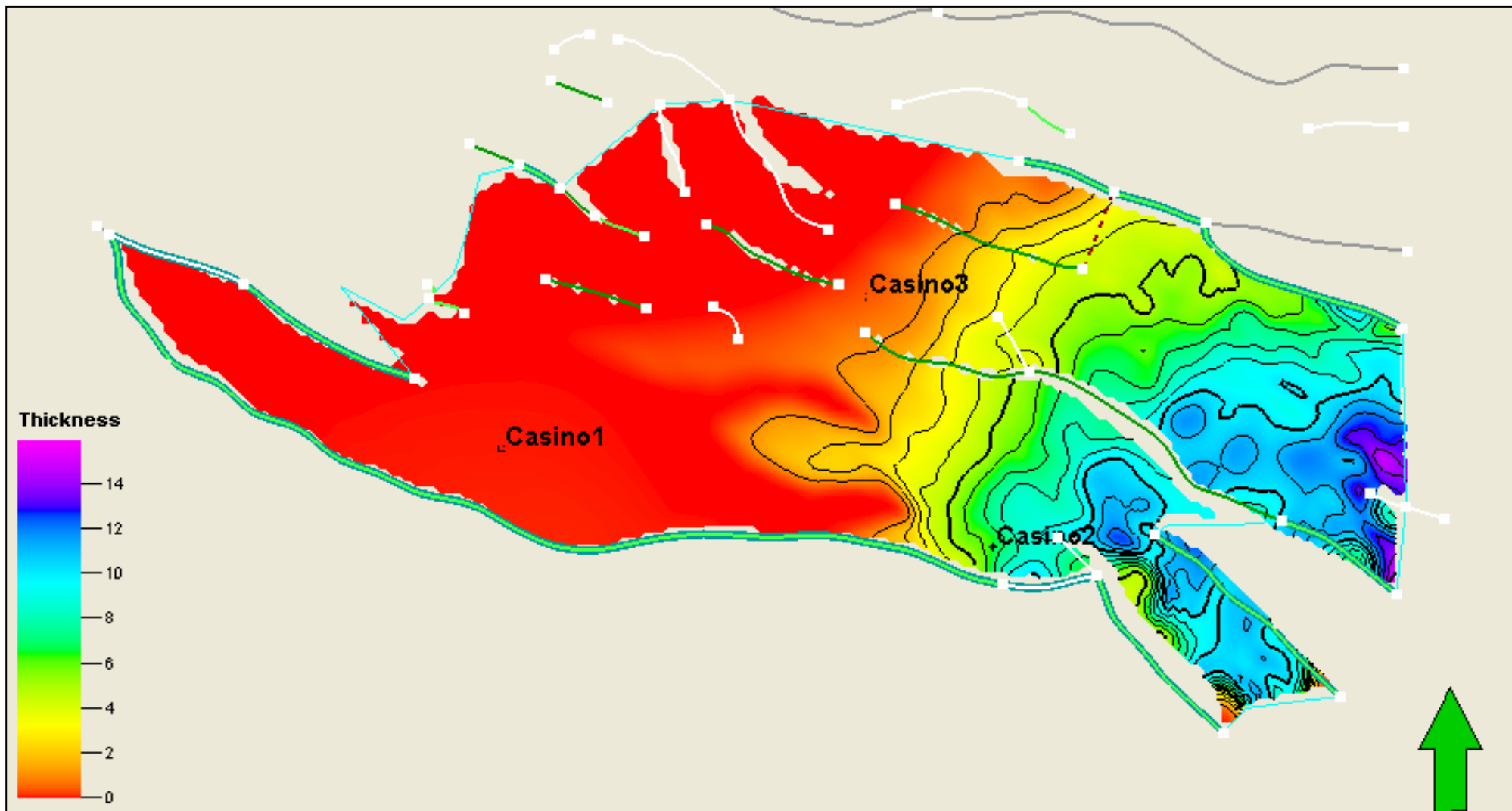


Figure 3.5.4-f: Waarre Ca4 isopach

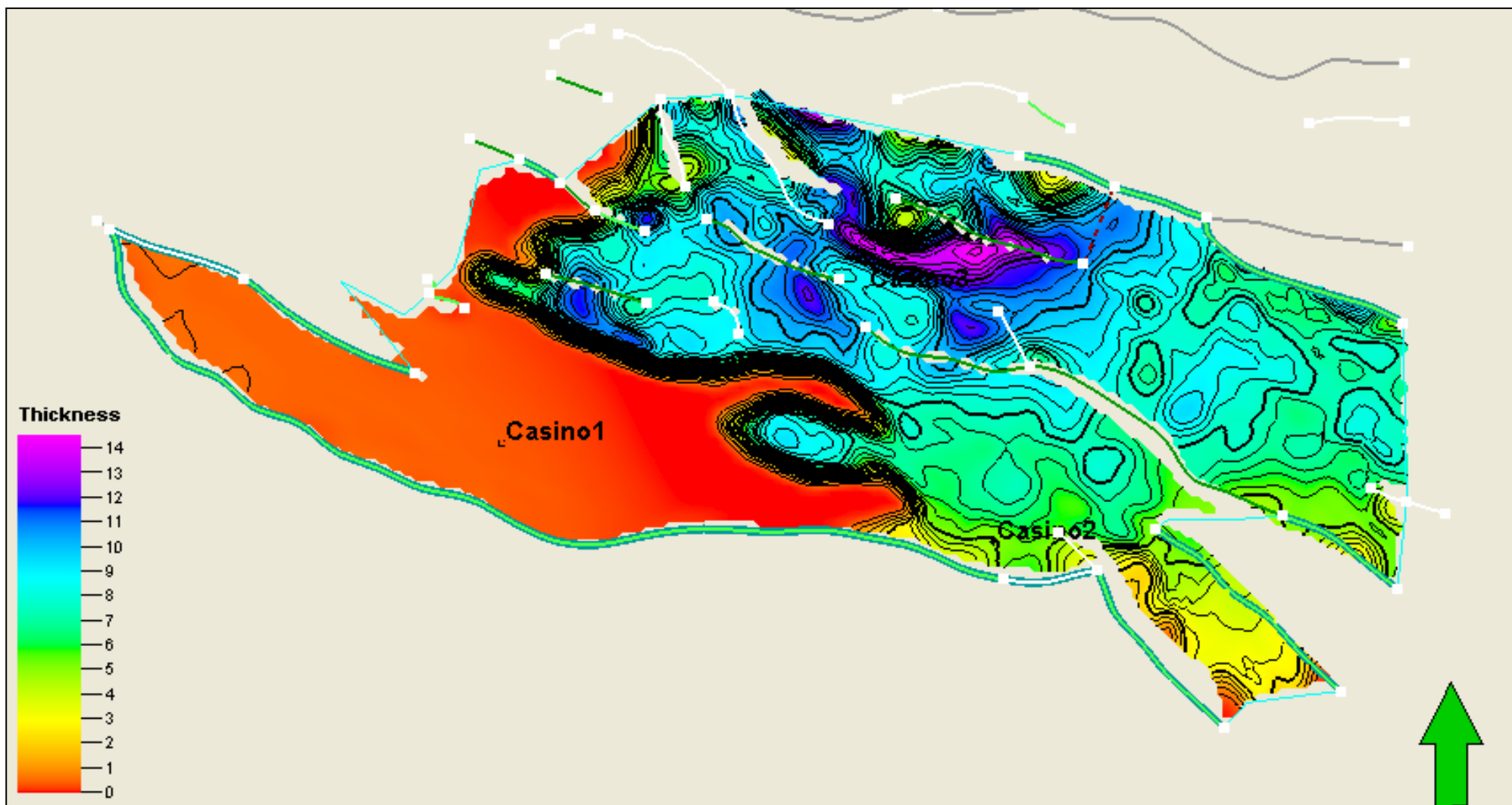


Figure 3.5.4-g: Waarre Cb Lower Main Pay isopach

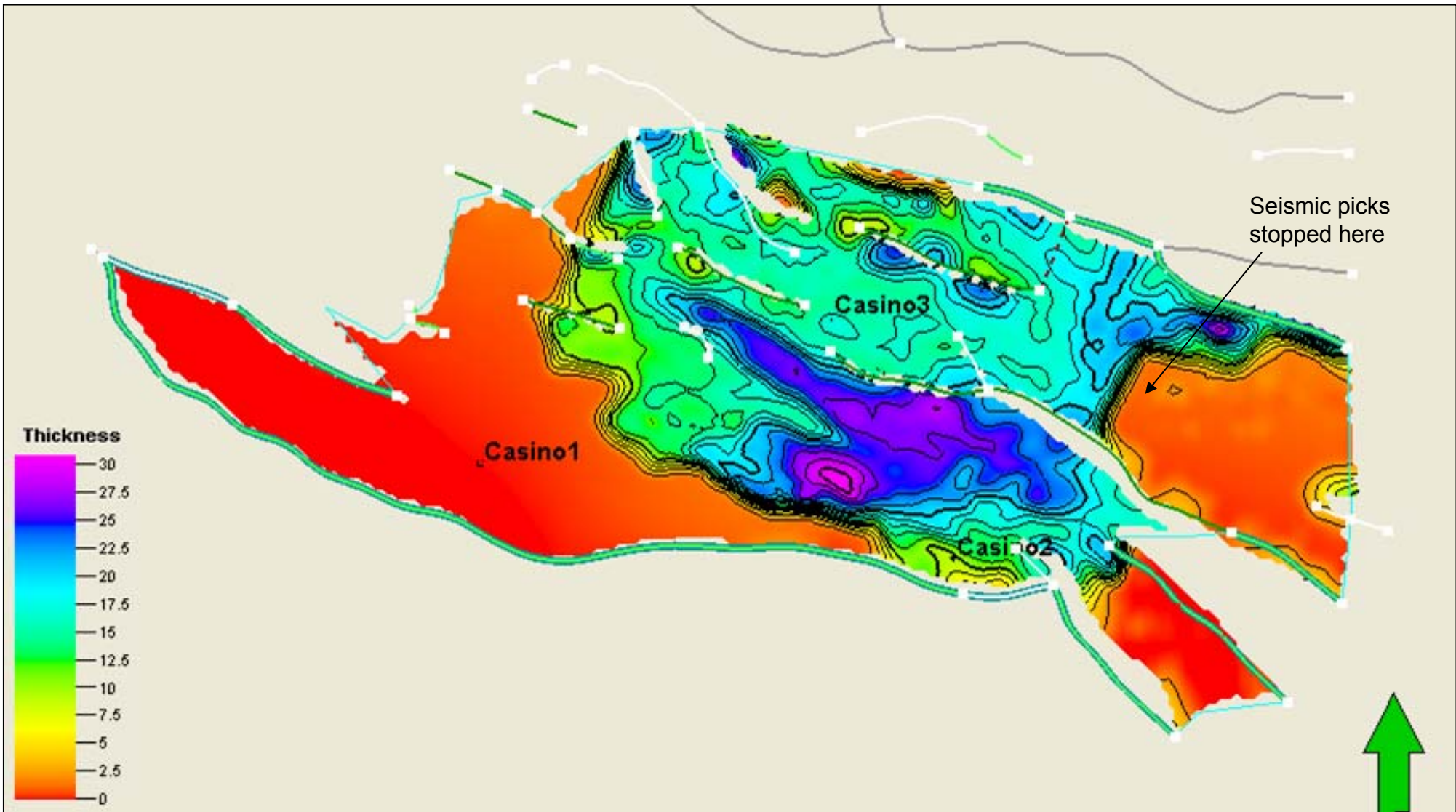


Figure 3.5.4-h: Upper Waarre Cb Pay to Top Waarre C Main Pay