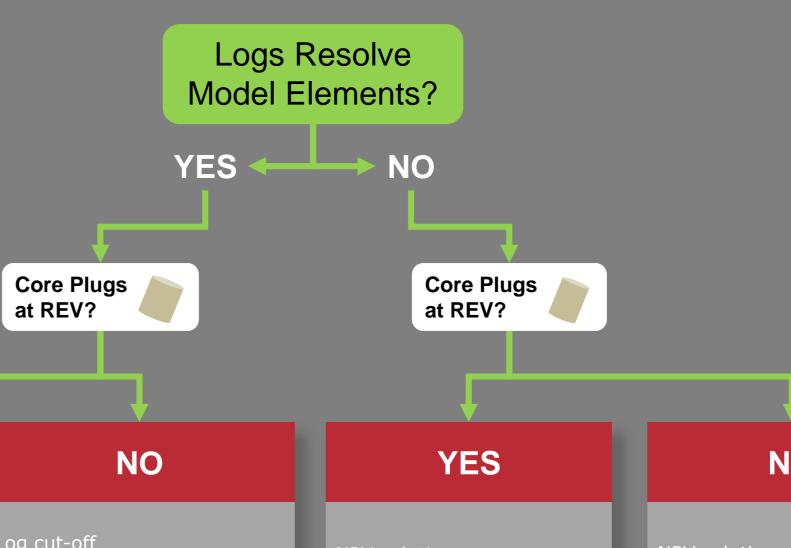
## Logs and Core: Consider The Scale



**Conventional Petrophysics workflows** require the following:

- logs to resolve the Model Elements
- core plug volumes to be at the **Model Element REV.**

If this is not the case, then follow alternative workflows to calculate Net, Porosity, Permeability and Saturation



Net

Ф

K

**SWht** 

**SWht Dynamic**  YES

Log cut-off

Core calibrate logs

Use poroperm trend

Core and log derived

Core and log derived

Log cut-off

Compare with core, do not calibrate

Upscale from probe perm

Log derived plus selected core

Log derived plus selected core

NPV solution

- Fine scale model
- Core plugs
- Image logs

Upscale from core plugs

Log derived

Core derived

NO

NPV solution

- Fine scale model
- Image logs
- NMR

Upscale from probe perm

Derive a range

Maintain as key uncertainty through modelling

Derive a range

Maintain as key uncertainty through modelling