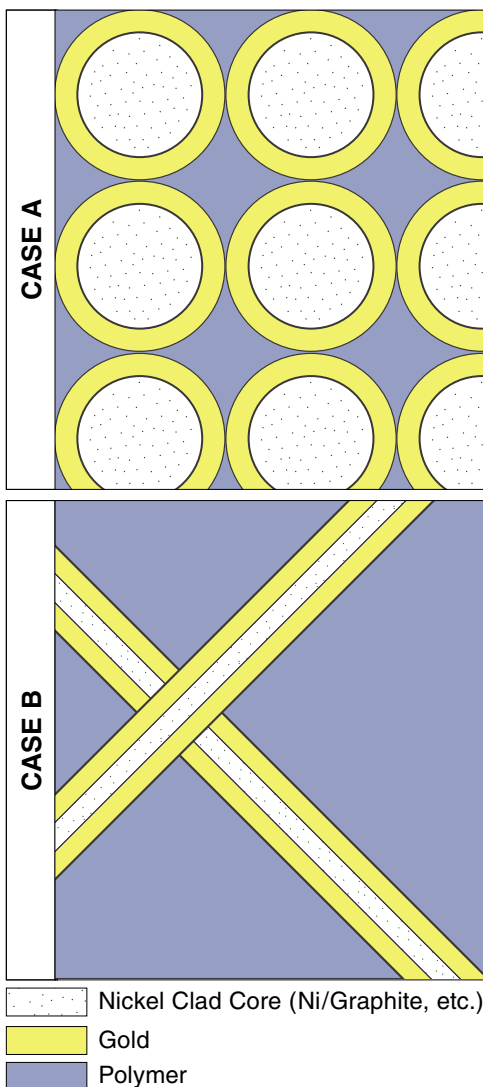


# E·FILL™

## Influence of True Particle Shape



### Conclusions:

- 1) The total gold content per unit volume of conductive polymer is lower in Case B.
- 2) Filler weight % loading is lower in Case B.
- 3) Filler volume % loading is lower in Case B.
- 4) The conductive polymer density in Case B is lower.
- 5) Filler gold content by weight % of the filler may be lower or higher in Case B compared to Case A.
- 6) The number of interparticle contacts per unit volume is lower in Case B.

**Cost of one cm<sup>3</sup> of conductive polymer in Case B will be lower than in Case A.**

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