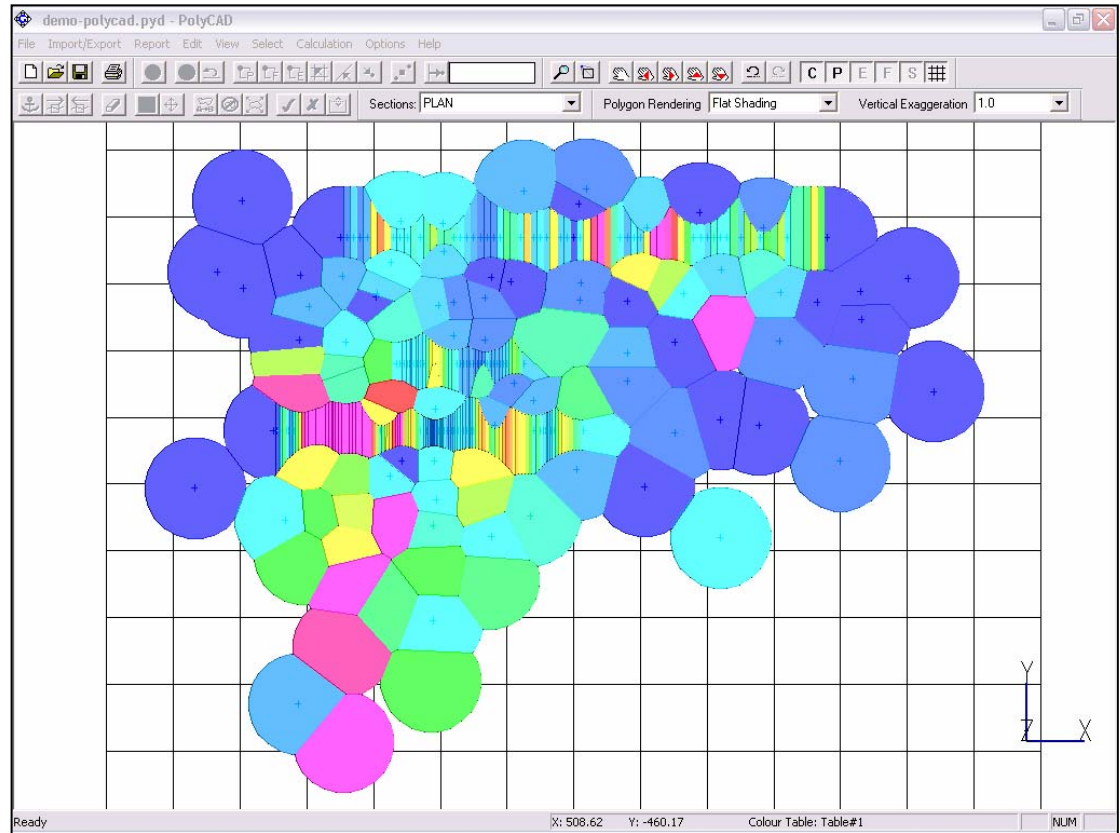


POLYCAD

Polygonal resources modeling

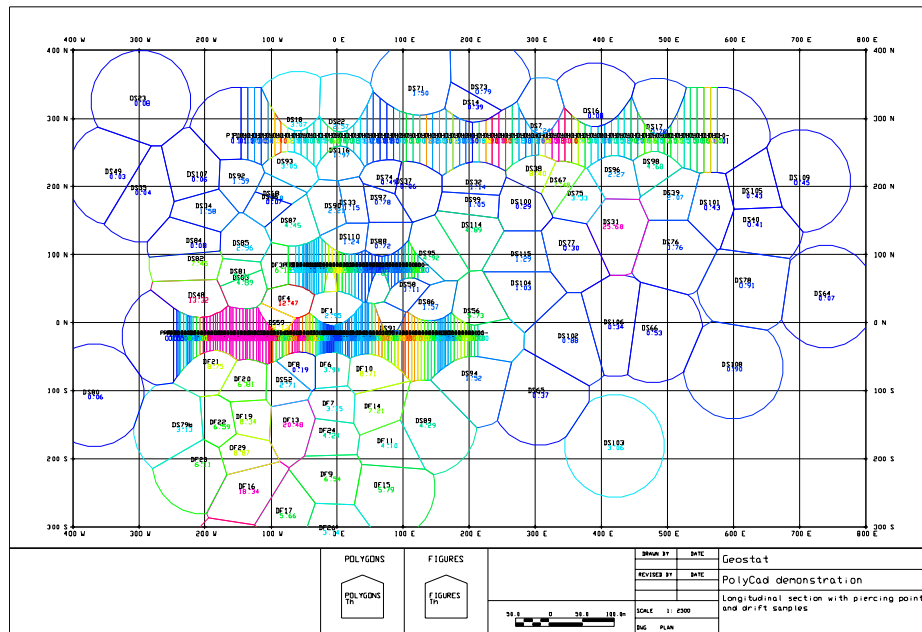


- ◆ Vein or tabular deposits
- ◆ Unlimited number of intercepts
- ◆ Control over polygon size and shape
- ◆ Global and incremental resources
- ◆ Blending of increments for production planning

POLYCAD

Features

- ◆ Input ASCII file of intercepts with thickness and grade(s). Intercepts can be generated from drill hole data file with the **SECTCAD** application. Supports varying density in each intercept (either input or calculated from grades). No limits on the number of variables (thickness, grades, density...). Input ASCII file is read through an interactive data parser.
- ◆ Control over polygon size (max. radius for outside polygons) and shape (from circles to standard hexagons) as well as cut-offs for thickness or any input grades.
- ◆ Direct query of intercept parameters by clicking on its polygon.
- ◆ Resources from computed polygons within cut-offs either globally or inside mining limits (stopes, pit expansion, blast, yearly or monthly limit...). Mining limits can have any number of vertices and need not be convex. **POLYCAD** calculates the exact intersection of mining limits with each polygon. Snap facilities help digitize in mining limits. Vertices of existing mining figures can be edited on screen (move/add/delete) and resources automatically recomputed from underlying polygons.
- ◆ Coloring of polygons and mining figures according to thickness or grade(s).
- ◆ At the click of the mouse, resources of mining figures can be combined (add/subtract/reset) in order to match production targets on quantity (tonnage) and quality (grades) for any given time period.
- ◆ Saving of tonnage/grade(s) of mining limits as ASCII table to import in spreadsheets.
- ◆ Saving of computed polygons and/or mining limits as lines to import in AutoCad with **GEOSTAT.LSP** supplied with **POLYCAD**. Alternatively, **POLYCAD** can be fed from lines from AutoCad.
- ◆ Full or summary report of calculated resources.
- ◆ Scale maps of polygons and resources are printed or exported in DXF format.



Hardware requirements

Pentium class personal computer with at least 64Mb of memory.
Supported platforms: Windows 95, 98, Me, 2000, NT, XP

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