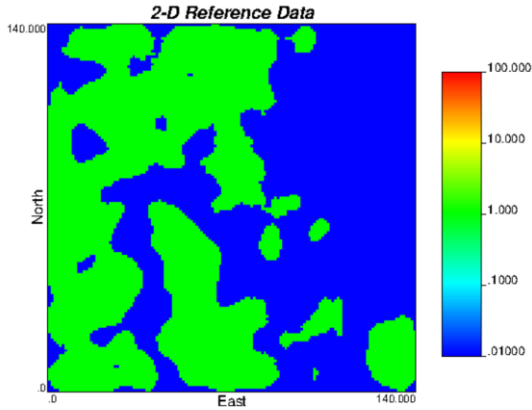
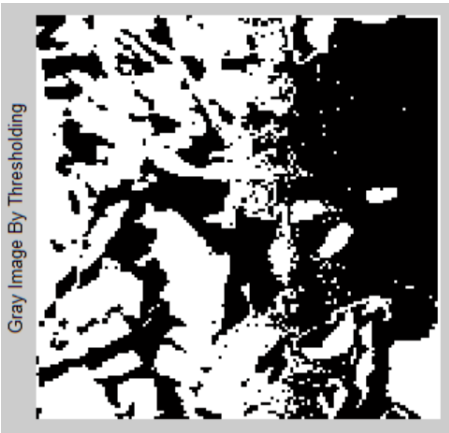
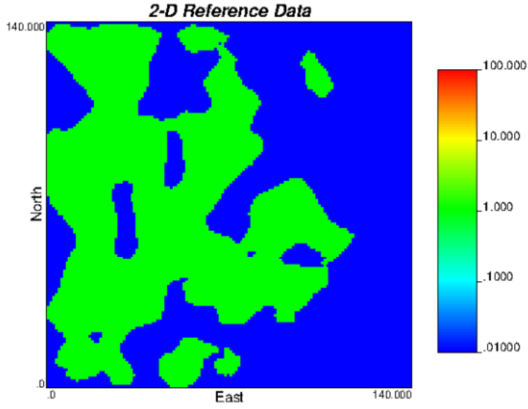
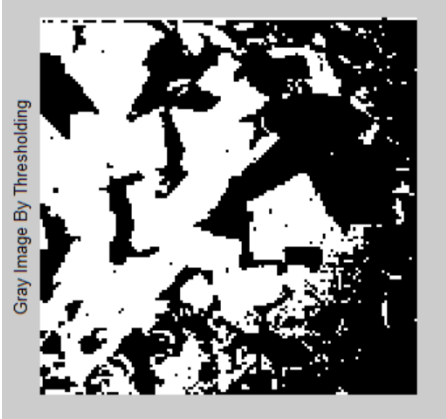
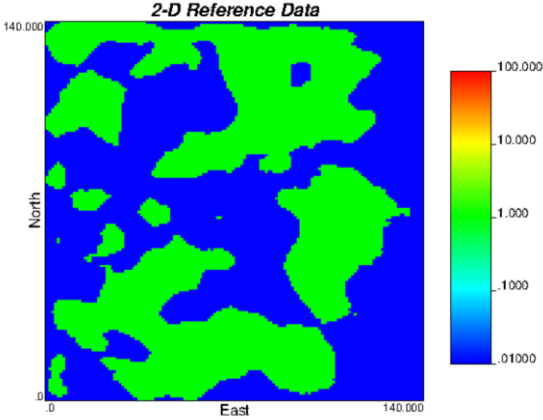
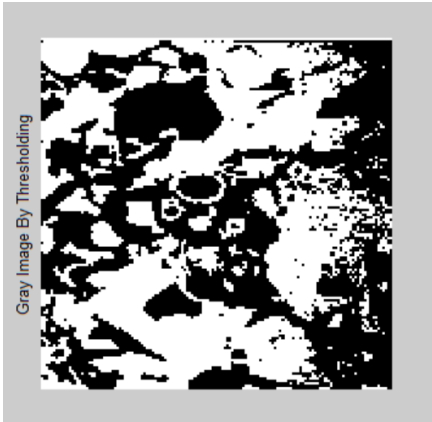


Processed Images and corresponding Variogram maps used for Generation of 3-Dimensional porosity network



2-D variogram in Various Direction

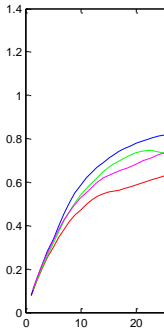
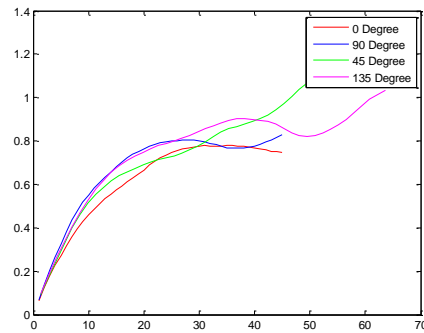
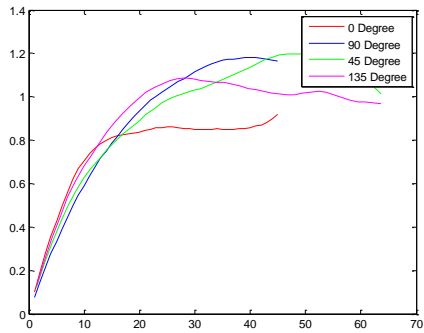
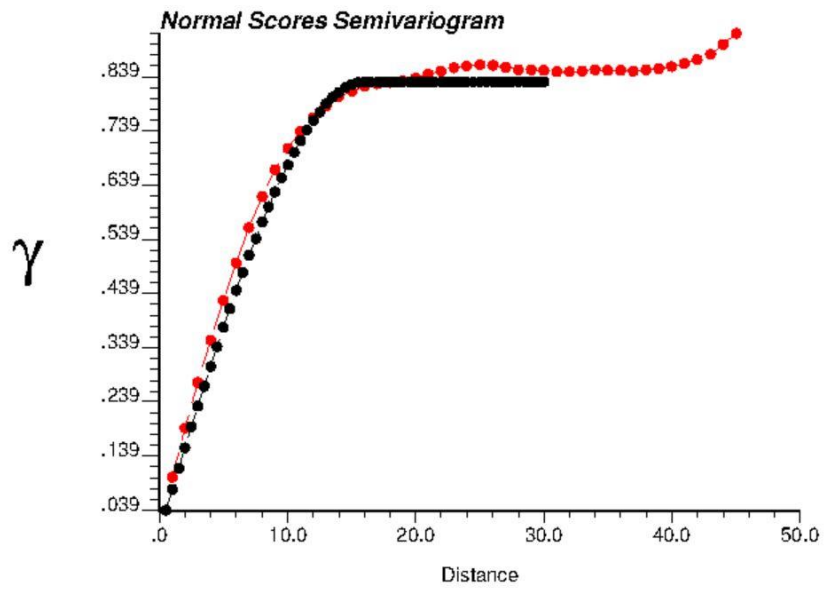


Figure 1 : 2-D Variogram for A1; A2; A3 Slices Respectively. Based on this analysis Variogram seems stationary in '0' degrees.

Based
on above variogram using variogram from A1 slice in 0 degrees in VMODEL



Kriging Output

Fortran error while compiling

PC > Desktop > Courses and training > 4_PSU > PNG

- Name
- pixelplt3.ps
- pixelplt2.ps
- pixelplt.ps
- vmodel.par
- varmap3.par
- varmap.par
- vargnew.par
- pixelplt3.par
- pixelplt2.par
- pixelplt.par
- kt3d.par
- gam3.par
- gam2.par
- gam.par
- varmap3.out
- varmap2.out
- varmap.out
- gamv.out
- gam3.out
- gam2.out
- gam.out
- KT3D.o
- KT3D.INC
- KT3D.F
- k2.dat
- i3.dat
- i2.dat
- i1.dat
- VMODEL.EXE
- VARMAP.EXE
- VARGNEW.EXE
- PIXELPLT.EXE
- LOCMAP.EXE
- HISTPLT.EXE
- gfortran.exe
- GAM.EXE

Command Prompt

```
C:\Users\piru\AppData\Local\Temp\cc7mWA82.o:KT3D.F:(.text+0x5846): undefined reference to `cova3_'
C:\Users\piru\AppData\Local\Temp\cc7mWA82.o:KT3D.F:(.text+0x6566): undefined reference to `srchsupr_'
C:\Users\piru\AppData\Local\Temp\cc7mWA82.o:KT3D.F:(.text+0x6958): undefined reference to `cova3_'
C:\Users\piru\AppData\Local\Temp\cc7mWA82.o:KT3D.F:(.text+0x6a00): undefined reference to `cova3_'
C:\Users\piru\AppData\Local\Temp\cc7mWA82.o:KT3D.F:(.text+0x6b04): undefined reference to `cova3_'
C:\Users\piru\AppData\Local\Temp\cc7mWA82.o:KT3D.F:(.text+0x6eb6): undefined reference to `cova3_'
C:\Users\piru\AppData\Local\Temp\cc7mWA82.o:KT3D.F:(.text+0x710f): undefined reference to `cova3_'
C:\Users\piru\AppData\Local\Temp\cc7mWA82.o:KT3D.F:(.text+0x726a): more undefined references to `cova3_' follow
C:\Users\piru\AppData\Local\Temp\cc7mWA82.o:KT3D.F:(.text+0x82e0): undefined reference to `ktsol1_'
collect2: ld returned 1 exit status

C:\Users\piru\Desktop\Courses and training\4_PSU\PNG597_Geostats\updated_pro\gslib>g77 -o executable KT3D.F
KT3D.F: In subroutine `readparm':
KT3D.F:375: warning:
+           'file',/, 'must have the same grid specifications '
+           ^
Missing comma in FORMAT statement at (^)
KT3D.F:376: warning:
+           'as the grid you are kriging.',/, 'The external '
+           ^
Missing comma in FORMAT statement at (^)
KT3D.F:377: warning:
+           'drift variable was taken from column ',i2)
+           ^
Missing comma in FORMAT statement at (^)
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0xa27):KT3D.F: undefined reference to `chknam_'
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x10dc):KT3D.F: undefined reference to `chknam_'
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x1443):KT3D.F: undefined reference to `chknam_'
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x151a):KT3D.F: undefined reference to `chknam_'
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x22b3):KT3D.F: undefined reference to `chknam_'
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x3ef0):KT3D.F: undefined reference to `setrot_'
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x3f5c):KT3D.F: undefined reference to `setrot_'
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x4208):KT3D.F: undefined reference to `setsupr_'
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x4266):KT3D.F: undefined reference to `pickup_'
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x4796):KT3D.F: undefined reference to `cova3_'
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x48c0):KT3D.F: undefined reference to `cova3_'
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x522c):KT3D.F: undefined reference to `srchsupr_'
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x54f9):KT3D.F: undefined reference to `cova3_'
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x556b):KT3D.F: undefined reference to `cova3_'
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x562c):KT3D.F: undefined reference to `cova3_'
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x58cc):KT3D.F: undefined reference to `cova3_'
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x5a68):KT3D.F: undefined reference to `cova3_'
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x5b47):KT3D.F: more undefined references to `cova3_' follow
C:\Users\piru\AppData\Local\Temp\ccctfaaa.o(.text+0x6762):KT3D.F: undefined reference to `ktsol1_'

C:\Users\piru\Desktop\Courses and training\4_PSU\PNG597_Geostats\updated_pro\gslib>
4/21/2009 8:58 AM Application 229 KB
2/12/1997 10:25 AM Application 127 KB
```

Original Images

