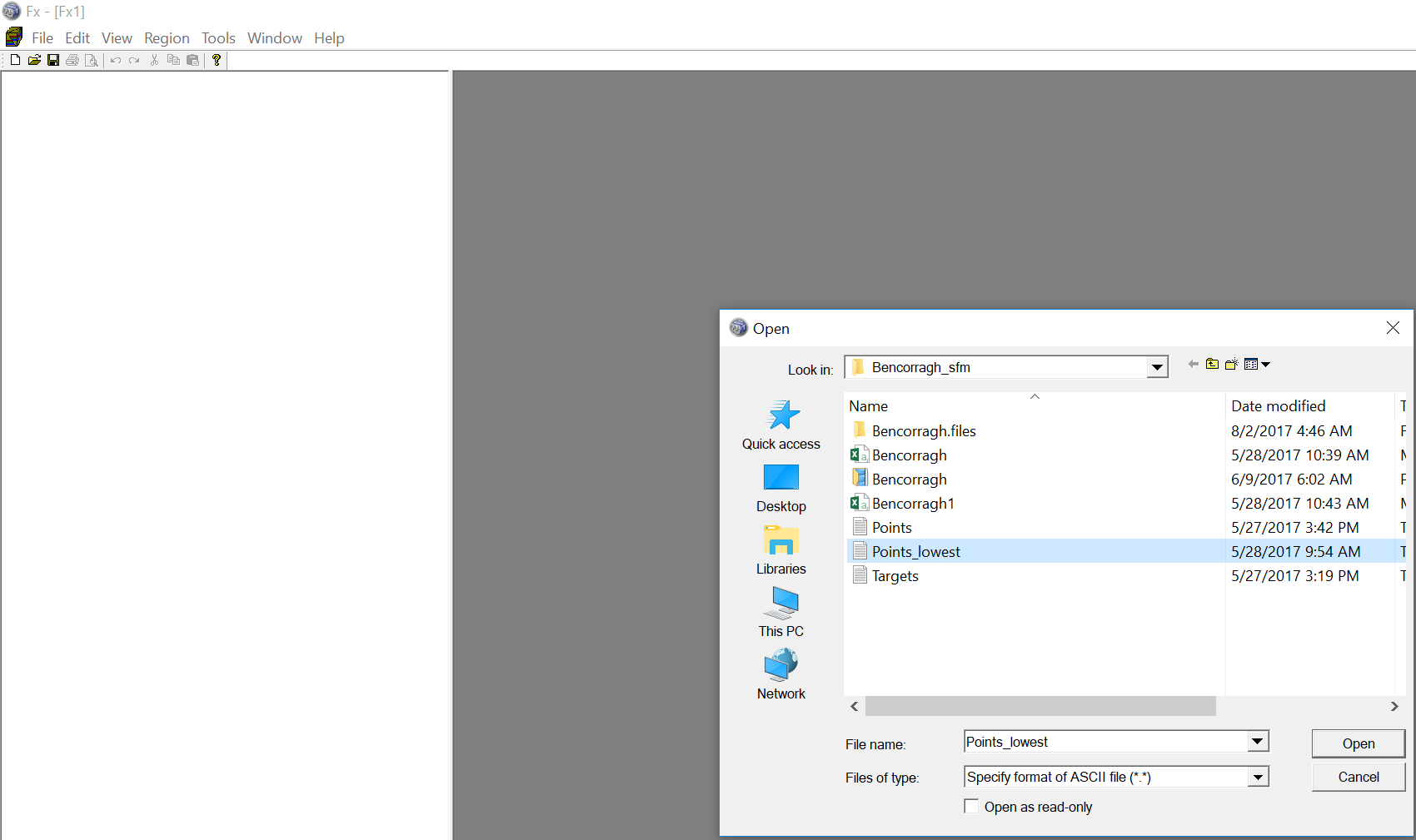
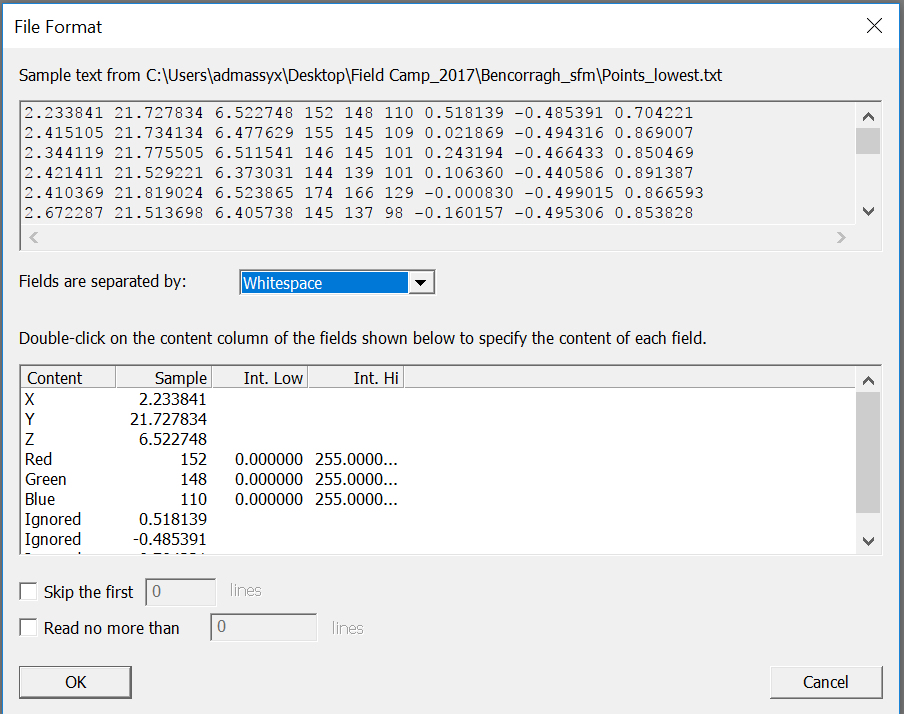
**Split FX Quick Guide**

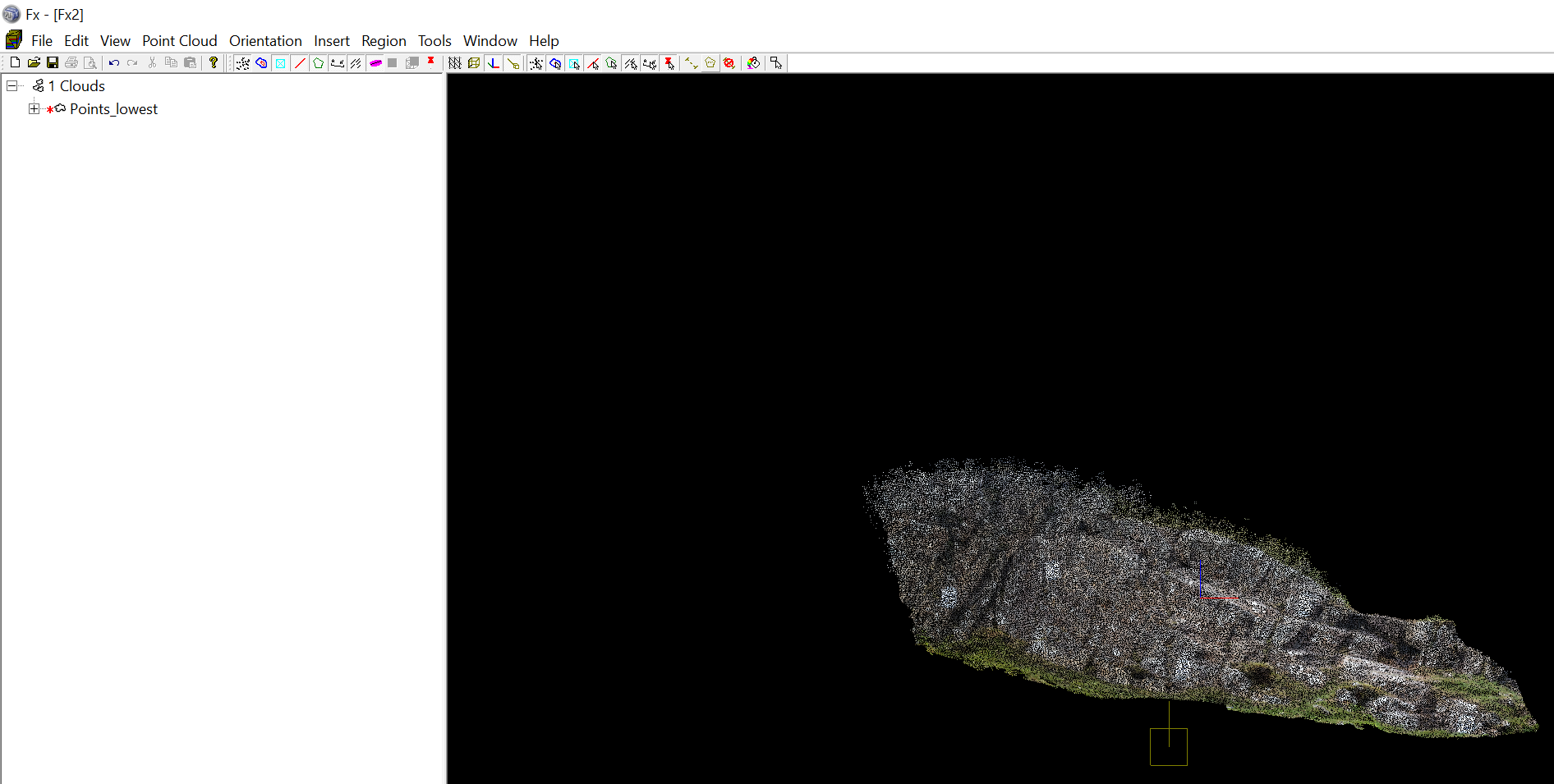
1) Open thegeoreferenced point cloud data (.txt) in Split-FX



2) Assign column values (x, y, z, red, green, blue)



3) Point cloud will open



4) Orient the scan on the screen in such a way that most discontinuity surfaces are visible. Once that is achieved, register the scanner orientation. Changing the scanner orientations will affect the accuracy of the mesh.

Orientation>>> Scanner Orientation>>> Modify scanner orientation to match the current view orientation

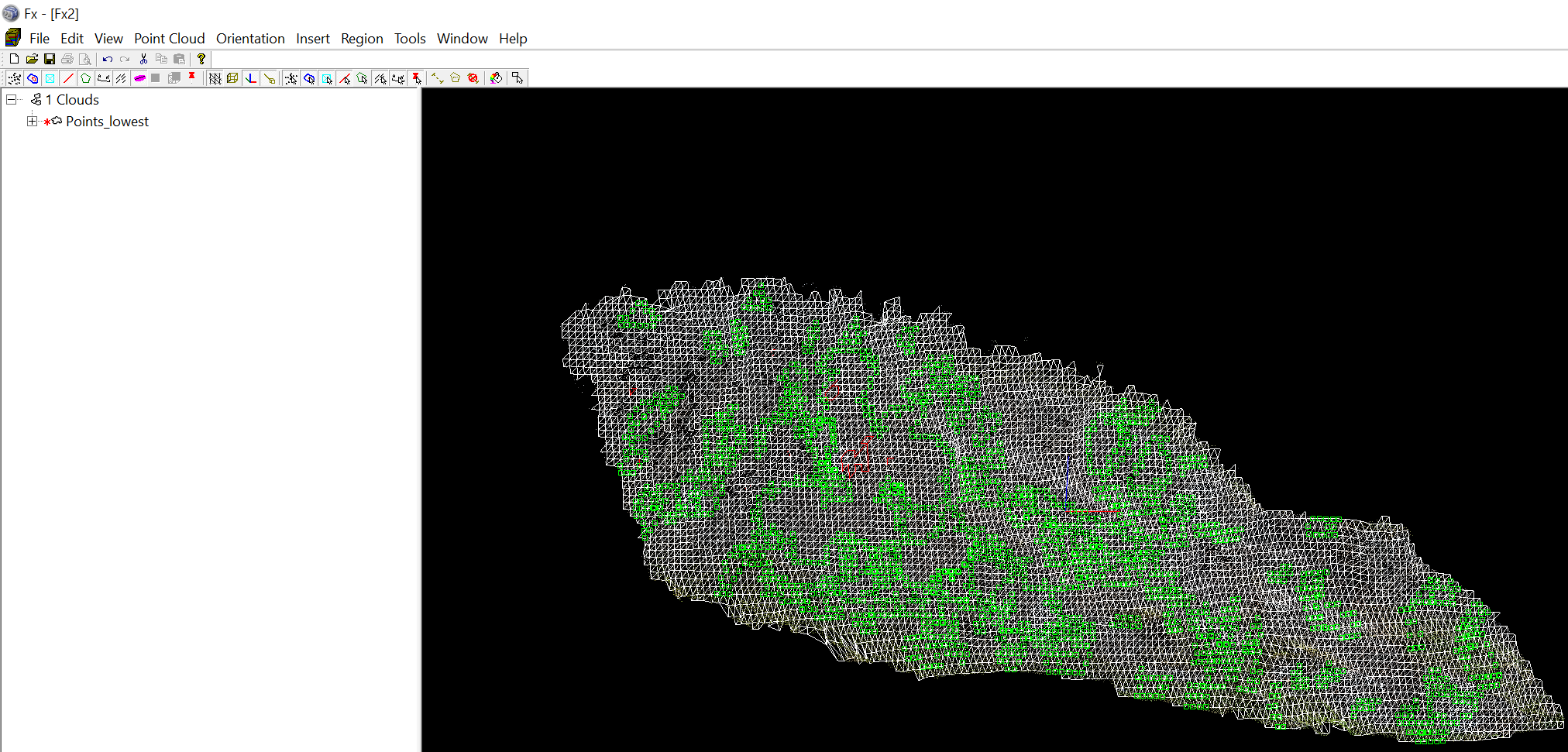
5) Build mesh

Point Cloud>>>Create Mesh



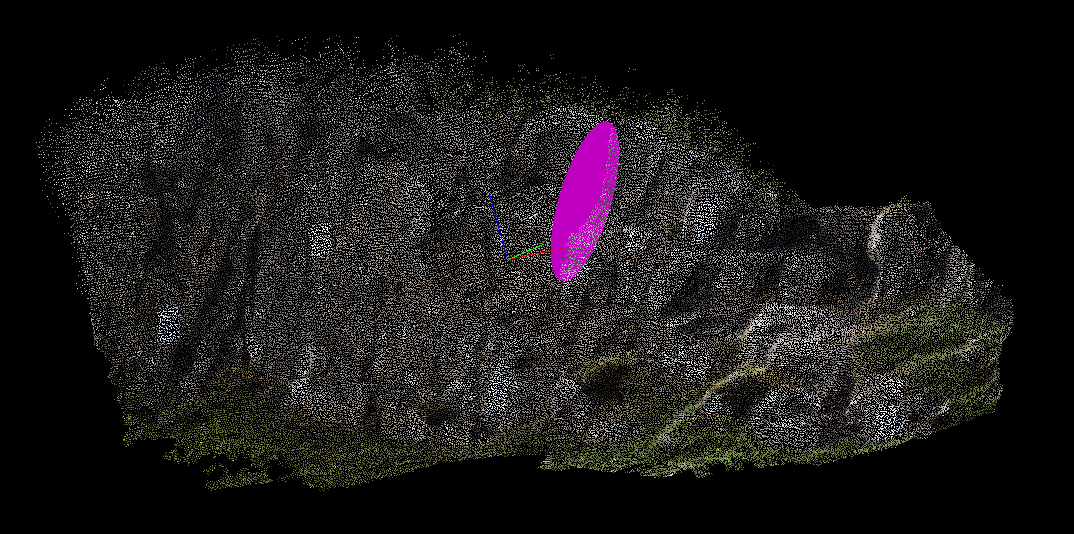
6) Find flat surfaces (patches) automatically

Point Cloud>>>Find Patches



7) Manually outline patches or insert Traces along fracture traces

Insert>>>Trace



8) Export discontinuity data (dip direction, dip)

Export>>>Cloud Data>>>Exported Items (Patches)>>>Format String (Dip Direction and Plunge)

