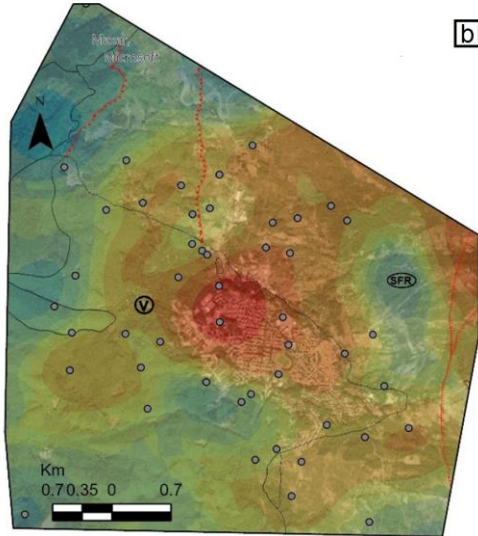


a

Legend PC1
Hg,As, -(Sb,Ni, Cu)

- 5.32 - -3.22
- 3.22 - -1.76
- 1.76 - -0.73
- 0.73 - -0.02
- 0.02 - 0.47
- 0.47 - 0.82
- 0.82 - 1.32
- 1.32 - 2.03
- 2.03 - 3.05
- 3.05 - 4.52
- ▼▼▼ Inverse fault
- Direct fault
- - - lithological contact
- ⊕ volcanic lithology
- ⊕ Santa Fiora Formation lithology



b

Legend PC2

- Sb,Hg, -(As,Ni,Cr)
- 3.27 - -1.98
 - 1.98 - -1.18
 - 1.18 - -0.69
 - 0.69 - -0.38
 - 0.38 - -0.19
 - 0.19 - 0.10
 - 0.10 - 0.60
 - 0.60 - 1.39
 - 1.39 - 2.68
 - 2.68 - 4.77
 - ▼▼▼ Inverse fault
 - Direct fault
 - - - lithological contact
 - ⊕ volcanic lithology
 - ⊕ Santa Fiora Formation lithology

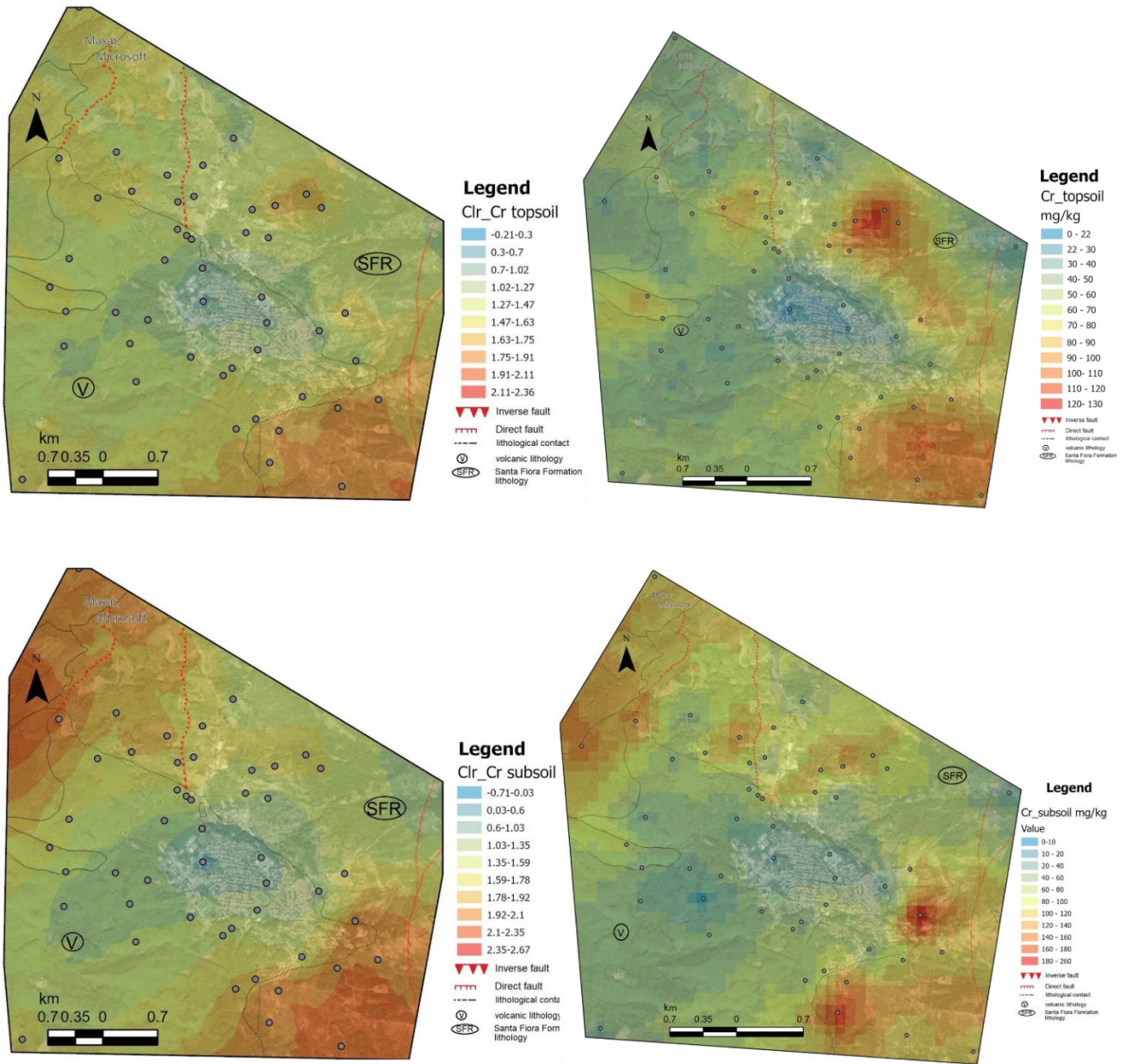


Figure S6.1: clr (left top and bottom) and raw (on right top and bottom) transformations geographic distribution maps of Cr. Maxar, Microsoft indicates a high-resolution satellite and aerial imagery available on ArcGis-Pro 3.0.

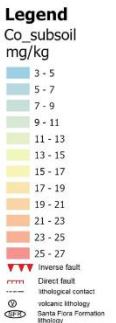
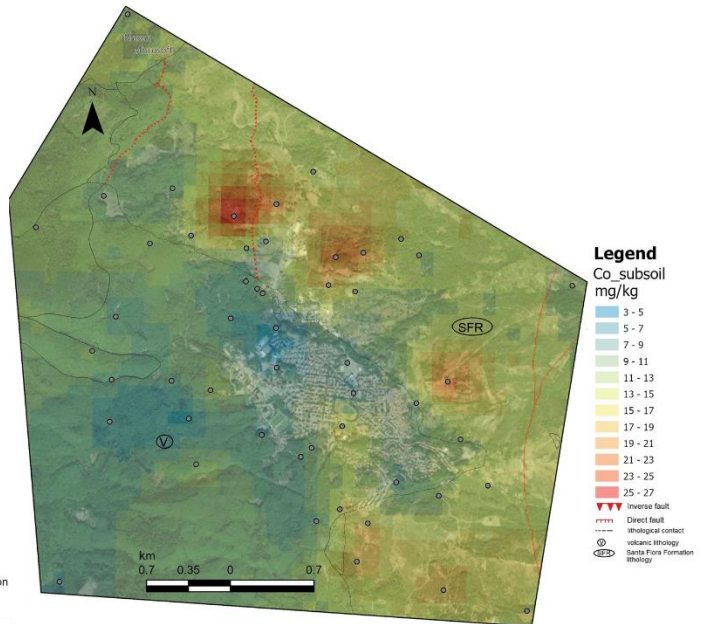
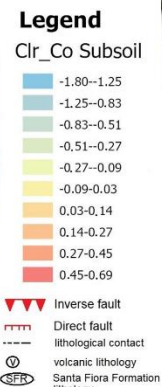
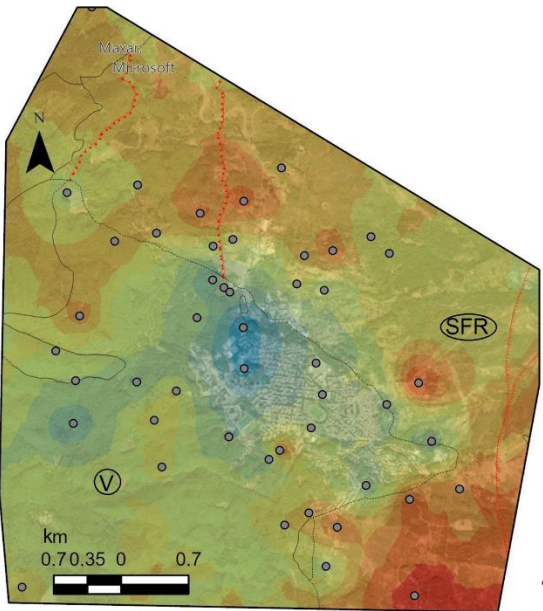
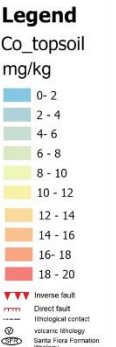
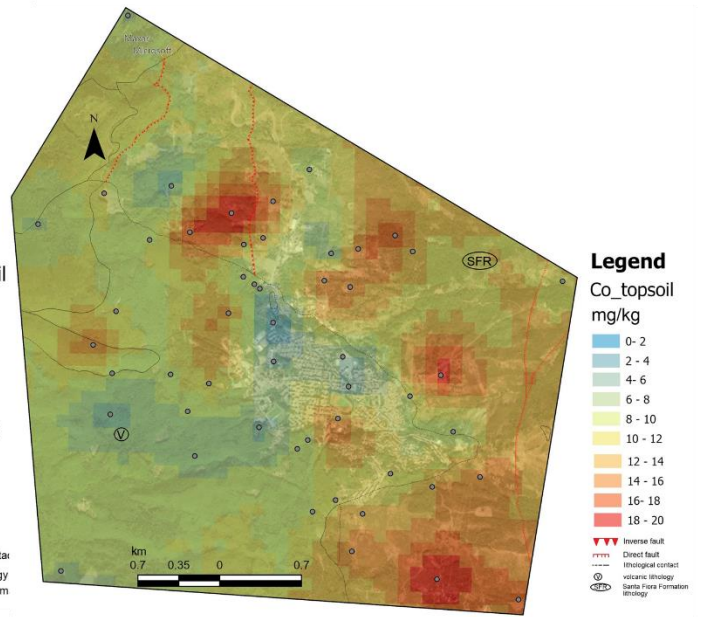
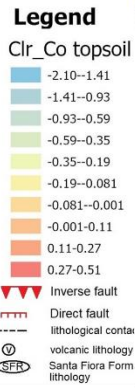
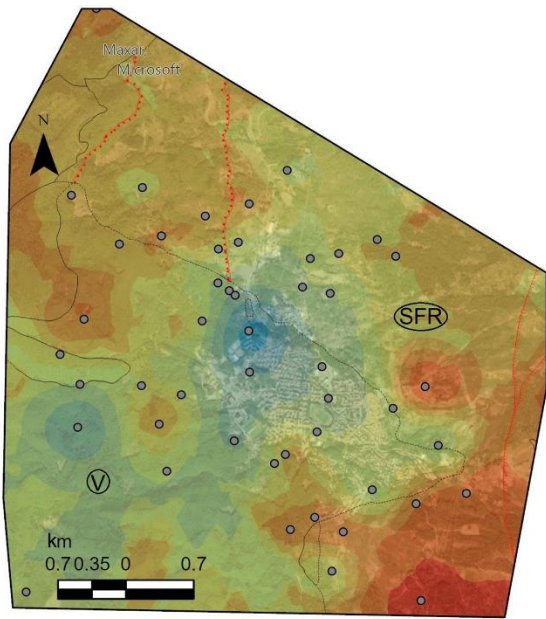


Figure S6.2: clr (left top and bottom) and raw (on right top and bottom) transformations geographic distribution maps of Co. Maxar, Microsoft indicates a high-resolution satellite and aerial imagery available on ArcGIS-Pro 3.0.

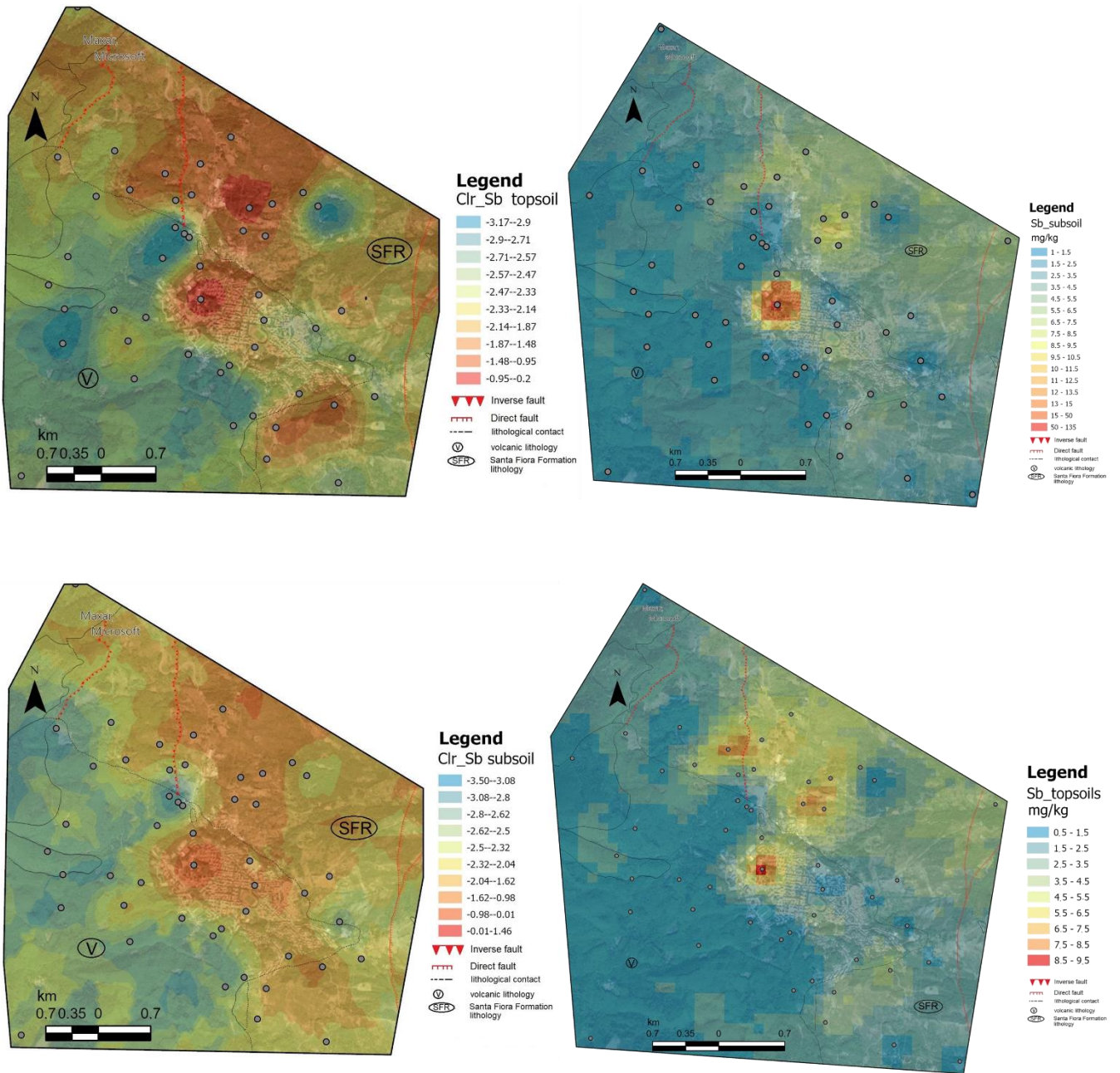


Figure S6.3: clr (left top and bottom) and raw (on right top and bottom) transformations geographic distribution maps of Sb. Maxar, Microsoft indicates a high-resolution satellite and aerial imagery available on ArcGIS-Pro 3.0.

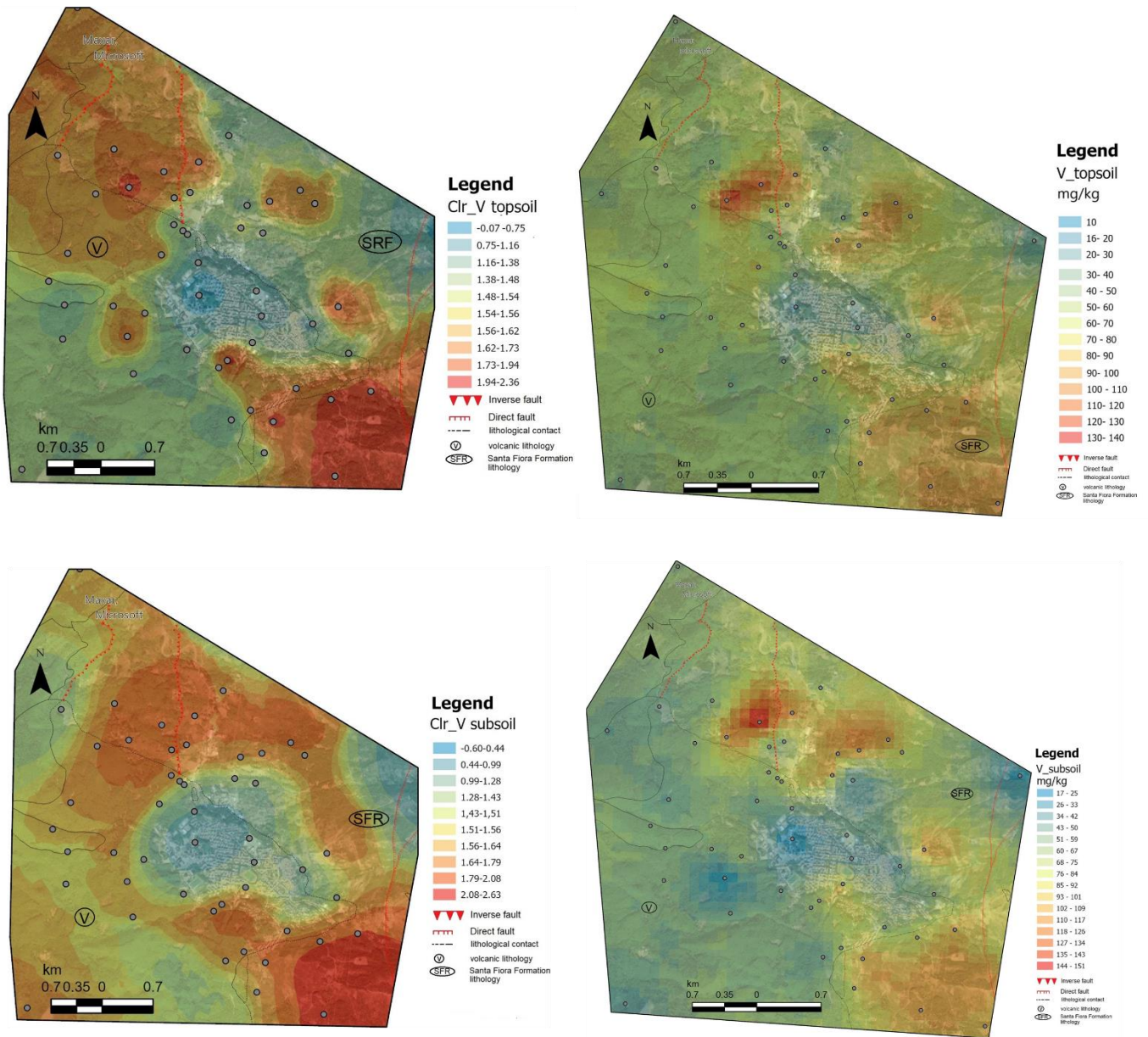


Figure S6.4: clr (left top and bottom) and raw (on right top and bottom) transformations geographic distribution maps of *V. Maxar*, Microsoft indicates a high-resolution satellite and aerial imagery available on ArcGis-Pro 3.0.