

RESULTS

Figure 4 illustrates CIST IV point data that are spatially interpolated (Krigging) and overlaid onto an aerial photograph of a collegiate football stadium (University of Tennessee Neyland Stadium, Shields-Watkins Field, Knoxville, Tenn.) Higher IV values follow both mid-field sidelines, the most prominent being the home team sideline along the northeastern boundary.



Figure 3. Survey transects and travel directions taken by the mobile GPR system, crossing over locations of labeled CIST IV data points.

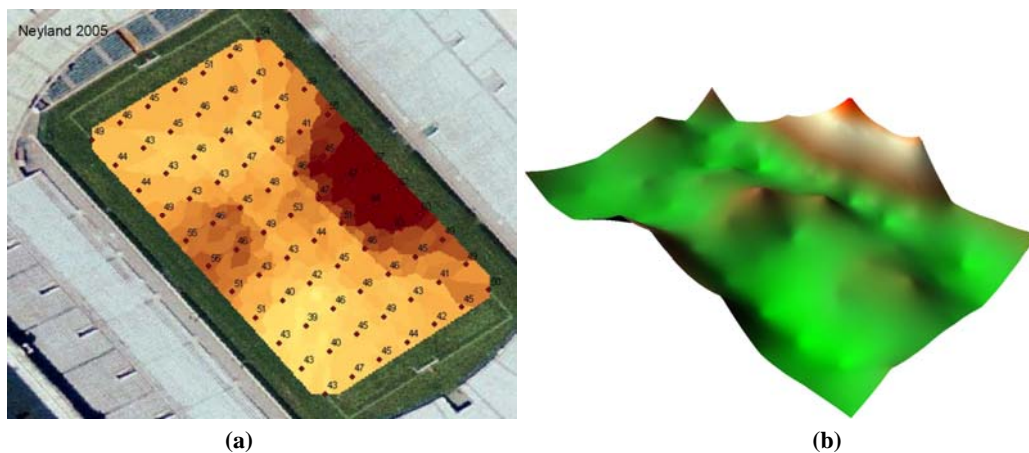


Figure 4. Spatially interpolated CIST IV point data of fig 3 presented in (a) two dimensions and (b) three dimensions.