# Producing Data for GIS consumption

The Ground Engineering Data repository works by allowing hyperlinks to be located on a GIS system that point to you data you have uploaded.

XML data structures are generated that detail the records in the GE Repository, stylesheets are applied to transform these data structures to tables in html web pages. The hyperlinks to the transforms are located on GIS maps.

Data record

(pdf. xml, ags, excel, word etc)

Web page table of links to data

Xsl stylesheet to transform data

Xml data snapshot of data records