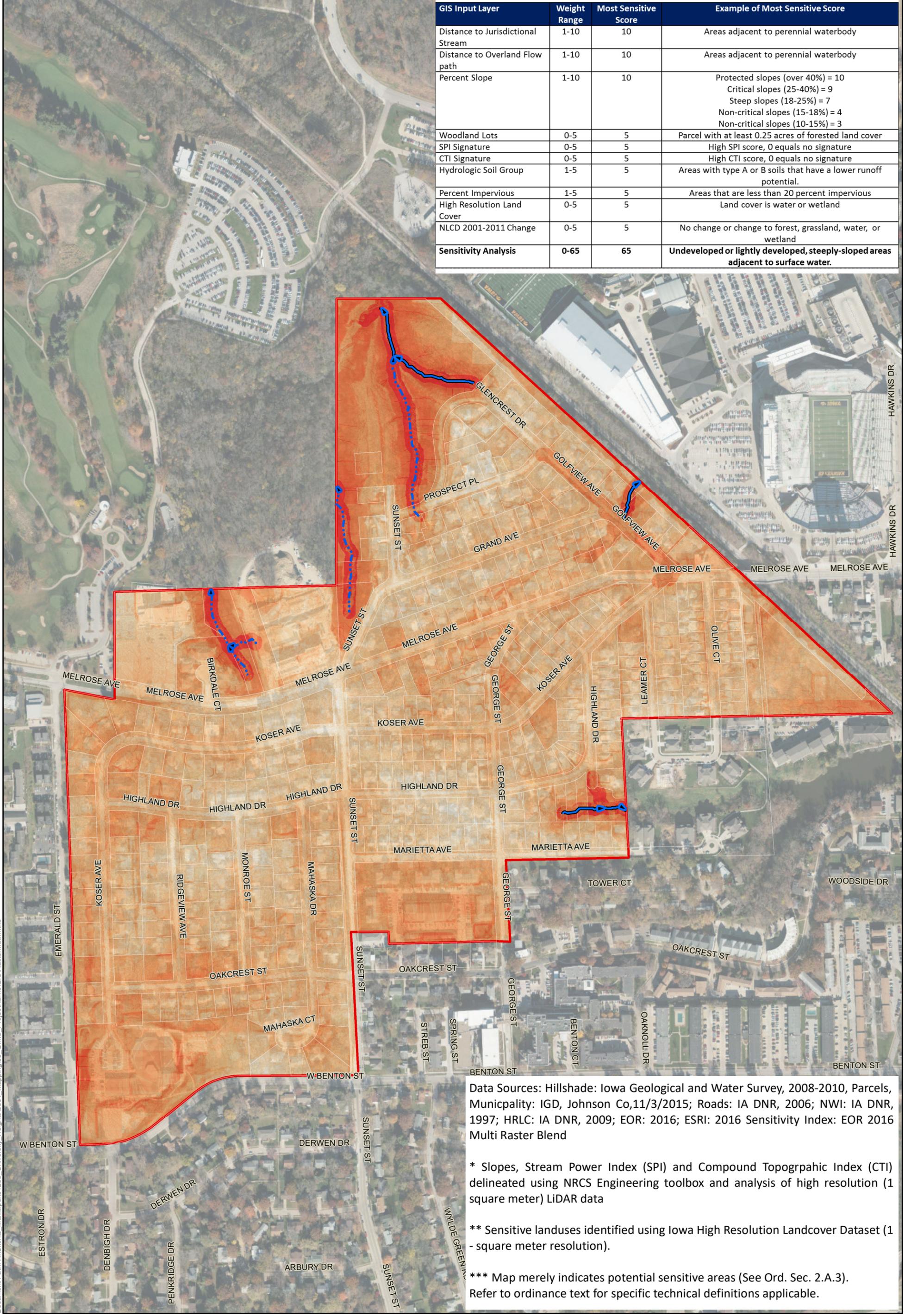


GIS Input Layer	Weight Range	Most Sensitive Score	Example of Most Sensitive Score
Distance to Jurisdictional Stream	1-10	10	Areas adjacent to perennial waterbody
Distance to Overland Flow path	1-10	10	Areas adjacent to perennial waterbody
Percent Slope	1-10	10	Protected slopes (over 40%) = 10 Critical slopes (25-40%) = 9 Steep slopes (18-25%) = 7 Non-critical slopes (15-18%) = 4 Non-critical slopes (10-15%) = 3
Woodland Lots	0-5	5	Parcel with at least 0.25 acres of forested land cover
SPI Signature	0-5	5	High SPI score, 0 equals no signature
CTI Signature	0-5	5	High CTI score, 0 equals no signature
Hydrologic Soil Group	1-5	5	Areas with type A or B soils that have a lower runoff potential.
Percent Impervious	1-5	5	Areas that are less than 20 percent impervious
High Resolution Land Cover	0-5	5	Land cover is water or wetland
NLCD 2001-2011 Change	0-5	5	No change or change to forest, grassland, water, or wetland
Sensitivity Analysis	0-65	65	Undeveloped or lightly developed, steeply-sloped areas adjacent to surface water.



Data Sources: Hillshade: Iowa Geological and Water Survey, 2008-2010, Parcels, Municipality: IGD, Johnson Co, 11/3/2015; Roads: IA DNR, 2006; NWI: IA DNR, 1997; HRLC: IA DNR, 2009; EOR: 2016; ESRI: 2016 Sensitivity Index: EOR 2016 Multi Raster Blend

* Slopes, Stream Power Index (SPI) and Compound Topographic Index (CTI) delineated using NRCS Engineering toolbox and analysis of high resolution (1 square meter) LiDAR data

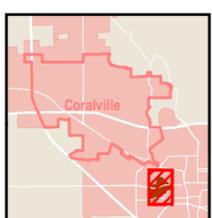
** Sensitive landuses identified using Iowa High Resolution Landcover Dataset (1 - square meter resolution).

*** Map merely indicates potential sensitive areas (See Ord. Sec. 2.A.3). Refer to ordinance text for specific technical definitions applicable.

Date: 1/10/2018 Time: 12:42:11 PM Author: University Heights\GIS\RasterMath.mxd Document Path: X:\Clients_Municipal\01299



Legend
Sensitivity Index Parcel
Value
 High : 56
 - Low : 9
 Federally Regulated Jurisdictional Streams
 Municipally Regulated Stream Corridor



City of University Heights
Sensitive Site Mapping
Sensitivity Index
 7/5/2017

1 inch = 400 feet 0 Feet 500