

## Intro to GIS

1.

<b>Layer name</b>	<b>Feature class:</b>	<b>Attributes:</b>
Vegetation	Polygon	Farms, crop type, fields, location
Streams	Polyline	Substrate size, stream channels, habitat diversity
Proposed runs	Polygon	Steepness of slope, amount of exposure to sunlight, type of run (short/long)
Proposed lifts	Polyline	Steepness of lifts, proximity to trees, size
Proposed snowmaking	Polygon	Area distribution, proximity to stream channels, proximity to roads and steep slopes
Potential Avalanche Zones (slopes 30 - 60 degrees)	Polygon	-Area distribution, proximity to stream channels, proximity to roads, people and steep slopes -Ground cover, tree cover, snow compaction, wind loading, weather patterns and elevation
Slopes Above 80%	Polygon	Amount of exposure to sunlight, area of distribution and its proximity to trees, people and buildings. Also snow compaction, wind loading, weather patterns and elevation.
Slopes 0 - 20%	Polygon	Amount of exposure to sunlight, area of distribution and it's proximity to trees, people and buildings. Also snow compaction, wind loading, weather patterns and elevation.