

# **APPENDIX B**

## **DRASTIC Ranges and Ratings**

Table B-1. DRASTIC ranges and ratings for depth to water

<b>D - Depth to Water (Feet)</b>	
<b>Range</b>	<b>Rating</b>
0-5	10
5-15	9
15-30	7
30-50	5
50-75	3
75-100	2
100+	1
<b>Weight: 5</b>	

Table B-2. DRASTIC ranges and ratings for net recharge

<b>R - Net Recharge (Inches)</b>	
<b>Range</b>	<b>Rating</b>
0-2	1
2-4	3
4-7	6
7-10	8
10+	9
<b>Weight: 4</b>	

Table B-3. DRASTIC ranges and ratings for aquifer media

<b>A - Aquifer Media</b>		
<b>Range</b>	<b>Rating</b>	<b>Typical Rating</b>
Massive Shale	1-3	2
Metamorphic/Igneous	2-5	3
Weathered Metamorphic/Igneous	3-5	4
Glacial Till	4-6	5
Bedded Sandstone, Limestone and Shale Sequence	5-9	6
Massive Sandstone	4-9	6
Massive Limestone	4-9	6
Sand and Gravel	4-9	8
Basalt	2-10	9
Karst Limestone	9-10	10
<b>Weight: 3</b>		

Table B-4. DRASTIC ranges and ratings for soil media

<b>S - Soil Media</b>	
<b>Range</b>	<b>Rating</b>
Thin or Absent	10
Gravel	10
Sand	9
Peat	8
Shrinking and/or Aggregated Clay	7
Sandy Loam	6
Loam	5
Silty Loam	4
Clay Loam	3
Muck	2
Nonshrinking and Nonaggregated Clay	1
<b>Weight: 2</b>	

Table B-5. DRASTIC ranges and ratings for topography

<b>T- Topography (Percent Slope)</b>	
<b>Range</b>	<b>Rating</b>
0-2	10
2-6	9
6-12	5
12-18	3
18+	1
<b>Weight: 1</b>	

Table B-6. DRASTIC ranges and ratings for impact of the vadose zone media

<b>I - Impact of The Vadose Zone Media</b>		
	<b>Range</b>	<b>Rating</b>
Confining Layer	1	1
Silt/clay	2-6	3
Shale	2-5	3
Limestone	2-7	6
Sandstone	4-8	6
Bedded Limestone, Sandstone, Shale	4-8	6
Sand and Gravel with significant Silt and Clay	4-8	6
Metamorphic/Igneous	2-8	4
Sand and Gravel	6-9	8
Basalt	2-10	9
Karst Limestone	8-10	10
<b>Weight: 5</b>		

Table B-7. DRASTIC ranges and ratings for  
aquifer hydraulic conductivity

<b>C- Hydraulic Conductivity (GPD/Ft<sup>2</sup>)</b>	
<b>Range</b>	<b>Rating</b>
1-100	1
100-300	2
300-700	4
700-1000	6
1000-2000	8
2000+	10
<b>Weight: 3</b>	