GROUND WATER POLLUTION POTENTIAL OF ROSS COUNTY, OHIO

BY

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ABSTRACT

A ground water pollution potential map of Ross County has been prepared using the DRASTIC mapping process. The DRASTIC system consists of two major elements: the designation of mappable units, termed hydrogeologic settings, and the superposition of a relative rating system for pollution potential.

Hydrogeologic settings incorporate the major hydrogeologic factors that control ground water movement and occurrence, including depth to water, net recharge, aquifer media, soil media, topography, impact of the vadose zone media, and hydraulic conductivity of the aquifer. The relative ranking scheme uses a combination of weights and ratings to produce a numerical value called the pollution potential index that helps prioritize areas with respect to ground water contamination vulnerability. Hydrogeologic settings and the corresponding pollution potential indexes are displayed graphically on maps.

Both general and pesticide DRASTIC maps were prepared for Ross County. General DRASTIC evaluates an area's relative susceptibility to a contaminant that has the mobility of water; whereas, pesticide DRASTIC evaluates areas with respect to ground water vulnerability to pesticide contamination.

Ross County lies within both the Glaciated Central and the Non-Glaciated Central hydrogeologic regions. The county is covered by variable thicknesses of glacial till, lacustrine deposits, and outwash. These unconsolidated glacial deposits are underlain by bedrock that is capable of supplying only small quantities of ground water. Pollution potential indexes are relatively low to moderate in areas of till or lacustrine cover. Buried valleys containing sand and gravel aquifers, and areas covered by outwash have moderate to high vulnerabilities to contamination. Twenty-two hydrogeologic settings were identified in Ross County with computed ground water pollution potential indexes ranging from 62 to 207 for general DRASTIC, and 71 to 235 for pesticide DRASTIC.

Ground water pollution potential maps of Ross County were prepared to assist planners, managers, and local officials in evaluating the potential for contamination from various sources of pollution. This information can be used to help direct resources and land-use activities to appropriate areas, or to assist in protection, monitoring, and cleanup efforts.

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INTRODUCTION

The need for protection and management of ground water resources in Ohio has been clearly recognized. About 42 per cent of Ohio citizens rely on ground water for their drinking and household uses from both municipal and private wells. Industry and agriculture also use significant quantities of ground water for processing and irrigation. In Ohio, approximately 700,000 rural households depend on private wells; about 4,700 of these wells exist in Ross County.

The characteristics of the many aquifer systems in the state make ground water highly vulnerable to contamination. Measures to protect ground water from contamination usually cost less and create less impact on ground water users than cleanup of a polluted aquifer. Based on these concerns for protection of the resource, staff of the Division of Water conducted a review of various mapping strategies useful for identifying vulnerable aquifer areas. They placed particular emphasis on reviewing mapping systems that would assist in state and local protection and management programs. Based on these factors and the quantity and quality of available data on ground water resources, the DRASTIC mapping process (Aller et al., 1987) was selected for application in the program.

Considerable interest in the mapping program followed successful production of a demonstration county map and led to the inclusion of the program as a recommended initiative in the Ohio Ground Water Protection and Management Strategy (Ohio EPA, 1986). Based on this recommendation, the Ohio General Assembly funded the mapping program. A dedicated mapping unit has been established in the Division of Water, Ground Water Resources Section, to implement the ground water pollution potential mapping program on a county-wide basis in Ohio.

The purpose of this report and maps is to aid in the protection of our ground water resources. Protection can be enhanced partly by understanding and implementing the DRASTIC system of evaluating an area's potential for ground water pollution. The mapping program identifies areas that are more or less vulnerable to contamination and displays this information graphically on maps. The system was not designed or intended to replace site-specific investigations, but rather to be used as a planning and management tool. The results of the maps and report can be combined with other information to assist in prioritizing local resources and in making land use decisions.

APPLICATIONS OF POLLUTION POTENTIAL MAPS

The pollution potential mapping program offers a wide variety of applications in many counties. The general and pesticide ground water pollution potential maps of Ross County have been prepared to assist planners, managers, and state and local officials in evaluating the relative vulnerability of areas to ground water contamination from various sources of pollution. This information can be used to help direct resources and land use activities to appropriate areas, or to assist in protection, monitoring, and cleanup efforts.

An important application of the pollution potential maps for many areas will be to assist in county land use planning and resource expenditures related to solid waste disposal. A county may use the map to help identify areas that are more or less suitable for land disposal activities. Once these areas have been identified, a county can collect more site-specific information and combine this with other local factors to determine site suitability.

Pollution potential maps may also be applied successfully where non-point source contamination is a concern. Non-point source contamination occurs where land use activities over large areas impact water quality. Maps providing information on relative vulnerability can be used to guide the selection and implementation of appropriate best management practices in different areas. Best management practices should be chosen based upon consideration of the chemical and physical processes that occur from the practice, and the effect these processes may have in areas of moderate to high vulnerability to contamination. For example, the use of agricultural best management practices that limit the infiltration of nitrates, or promote denitrification above the water table, would be beneficial to implement in areas of relatively high vulnerability to contamination.

A pollution potential map can also assist in developing ground water protection strategies. By identifying areas more vulnerable to contamination, officials can direct resources to areas where special attention or protection efforts might be warranted. This information can be used effectively at the local level for integration into land use decisions and as an educational tool to promote public awareness of ground water resources. Pollution potential maps may also be used to prioritize ground water monitoring and/or contamination cleanup efforts. Areas that are identified as being vulnerable to contamination may benefit from increased ground water monitoring for pollutants or from additional efforts to clean up an aquifer.

Other beneficial uses of the pollution potential maps will be recognized by individuals in the county who are familiar with specific land use and management problems. Planning commissions and zoning boards can use these maps to help make informed decisions about the development of areas within their jurisdiction. Developments proposed to occur within ground water sensitive areas may be required to show how ground water will be protected.

Regardless of the application, emphasis must be placed on the fact that the system is not designed to replace a site-specific investigation. The strength of the system lies in its ability to make a "first-cut approximation" by identifying areas that are vulnerable to contamination. Any potential applications of the system should also recognize the assumptions inherent in the system.

SUMMARY OF THE DRASTIC MAPPING PROCESS

The system chosen for implementation of a ground water pollution potential mapping program in Ohio, DRASTIC, was developed by the National Water Well Association for the United States Environmental Protection Agency. A detailed discussion of this system can be found in Aller et al. (1987).

The DRASTIC mapping system allows the pollution potential of any area to be evaluated systematically using existing information. The vulnerability of an area to contamination is a combination of hydrogeologic factors, anthropogenic influences, and sources of contamination in any given area. The DRASTIC system focuses only on those hydrogeologic factors which influence ground water pollution potential. The system consists of two major elements: the designation of mappable units, termed hydrogeologic settings, and the superposition of a relative rating system to determine pollution potential.

The application of DRASTIC requires the recognition of a set of assumptions made in the development of the system. DRASTIC evaluates the pollution potential of an area assuming a contaminant with the mobility of water, introduced at the surface, and flushed into the ground water by precipitation. Most importantly, DRASTIC cannot be applied to areas smaller than one-hundred acres in size, and is not intended or designed to replace site-specific investigations.

A specialized version of the DRASTIC mapping process, known as pesticide DRASTIC, has also been produced in Ross County. Pesticide DRASTIC evaluates an area's relative vulnerability to contamination by pesticides through consideration of important processes that offset pesticide fate and transport. Maps produced using both general and pesticide DRASTIC are located in the pocket at the end of this report.

Hydrogeologic Settings and Factors

To facilitate the designation of mappable units, the DRASTIC system uses the framework of an existing classification system developed by Heath (1984), which divides the United States into fifteen ground water regions based on the factors in a ground water system that affect occurrence and availability.

Within each major hydrogeologic region, smaller units representing specific hydrogeologic settings are identified. Hydrogeologic settings form the basis of the system and represent a composite description of the major geologic and hydrogeologic factors that control ground water movement into, through, and out of an area. A hydrogeologic setting represents a mappable unit with common hydrogeologic characteristics, and, as a consequence, common vulnerability to contamination (Aller et al., 1987).

Figure 1 illustrates the format and description of a typical hydrogeologic setting found within Ross County. Inherent within each hydrogeologic setting are the physical characteristics which affect the ground water pollution potential. These characteristics or factors identified during the development of the DRASTIC system include:

D - Depth to Water

R - Net Recharge

A - Aquifer Media

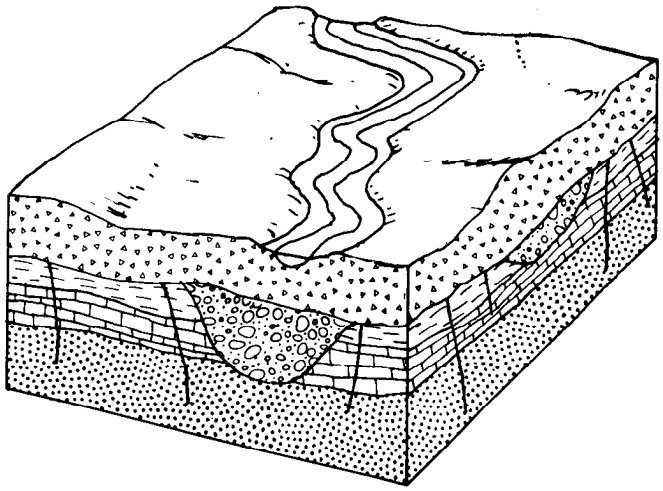
S - Soil Media

T - Topography

I - Impact of the Vadose Zone Media

C - Conductivity (Hydraulic) of the Aquifer

These factors incorporate concepts and mechanisms such as attenuation, retardation, and time or distance of travel of a contaminant with respect to the physical characteristics of the hydrogeologic setting. Broad consideration of these factors and mechanisms, coupled with existing conditions in a setting, provide a basis for determination of the area's relative vulnerability to contamination. Both forms of DRASTIC (general and pesticide) evaluate the same seven factors in the same way.



7D Buried Valley

This hydrogeologic setting is characterized by thick deposits of sand and gravel that have been deposited in a former topographic low (a pre-glacial or inter-glacial river valley) by glacial meltwaters. These deposits are usually capable of yielding large quantities of ground water. Buried valley deposits may or may not underlie a present-day stream and may or may not be in direct hydraulic connection with a stream. Glacial till or recent alluvium often overlies the buried valley. Usually the sand and gravel deposits are several times more permeable than the surrounding bedrock and till. Soils are highly variable, ranging from clay loams to gravel, but are typically silty loams. Ground water levels are typically shallow, but may be highly variable depending on surficial deposits. Recharge to the aquifer is moderate to high and can be attributed to infiltration of precipitation and to regional ground water flow from the surrounding till plains and bedrock. Hydraulic conductivities within this setting are highly variable, depending on the composition of the aquifer, but are typically high because of the removal of fines by glacial meltwaters.

Figure 1. Format and description of the hydrogeologic setting - 7D Buried Valley.

Depth to water is considered to be the depth from the ground surface to the water table in unconfined aquifer conditions or the depth to the top of the aquifer under confined aquifer conditions. The depth to water determines the distance a contaminant would have to travel before reaching the aquifer. The greater the distance the contaminant has to travel the greater the opportunity for attenuation to occur or restriction of movement by relatively impermeable layers.

Net recharge is the total amount of water reaching the land surface that infiltrates into the aquifer, measured in inches per year. Recharge water is available to transport a contaminant from the surface into the aquifer and also affects the quantity of water available for dilution and dispersion of a contaminant. Factors to be included in the determination of net recharge include contributions due to infiltration of precipitation, in addition to infiltration from rivers, streams and lakes, irrigation, and artificial recharge.

Aquifer media represents consolidated or unconsolidated rock material capable of yielding sufficient quantities of water for use. Aquifer media accounts for the various physical characteristics of the rock that provide mechanisms of attenuation, retardation and flow pathways that affect a contaminant reaching and moving through an aquifer.

Soil media refers to the upper six feet of the unsaturated zone that is characterized by significant biological activity. The type of soil media can influence the amount of recharge that can move through the soil column due to variations in soil permeability. Various soil types also have the ability to attenuate or retard a contaminant as it moves throughout the soil profile. Soil media is based on textural classifications of soils and considers relative thicknesses and attenuation characteristics of each profile within the soil.

Topography refers to the slope of the land expressed as percent slope. The amount of slope in an area affects the likelihood that a contaminant will run off from an area or be ponded and ultimately infiltrate into the subsurface. Topography also affects soil development and often can be used to help determine the direction and gradient of ground water flow under water table conditions.

The impact of the vadose zone media refers to the attenuation and retardation processes that can occur as a contaminant moves through the unsaturated zone above the aquifer. The vadose zone represents that area below the soil horizon and above the aquifer that is unsaturated or discontinuously saturated. Various attenuation, travel time and distance mechanisms related to the types of geologic materials present can affect the movement of contaminants in the vadose zone. Where an aquifer is unconfined, the vadose zone media represents the materials below the soil horizon and above the water table. Under confined aquifer conditions, the vadose zone is simply referred to as a confining layer. The presence of the confining layer in the unsaturated zone significantly impacts the pollution potential of the ground water in an area

Hydraulic conductivity of an aquifer is a measure of the ability of the aquifer to transmit water, and is also related to ground water velocity and gradient. Hydraulic conductivity is dependent upon the amount and interconnectivity of void spaces and fractures within a consolidated or unconsolidated rock unit. Higher hydraulic conductivity typically corresponds to higher vulnerability to contamination. Hydraulic conductivity considers the capability for a contaminant that reaches an aquifer to be transported throughout that aquifer over time.

Weighting and Rating System

DRASTIC uses a numerical weighting and rating system that is combined with the DRASTIC factors to calculate a ground water pollution potential index or relative measure of vulnerability to contamination. The DRASTIC factors are weighted from 1 to 5 according to their relative importance to each other with regard to contamination potential (Table 1). Each factor is then divided into ranges or media types and assigned a rating from 1 to 10 based on their significance to pollution potential (Tables 2-8). The rating for each factor is selected based on available information and professional judgement. The selected rating for each factor is multiplied by the assigned weight for each factor. These numbers are summed to calculate the DRASTIC or pollution potential index.

Once a DRASTIC index has been calculated, it is possible to identify areas that are more likely to be susceptible to ground water contamination relative to other areas. The higher the DRASTIC index, the greater the vulnerability to contamination. The generated index provides only a relative evaluation tool and is not designed to produce absolute answers or to represent units of vulnerability. Pollution potential indexes of various settings should be compared to each other only with consideration of the factors that were evaluated in determining the vulnerability of the area.

Pesticide DRASTIC

A special version of DRASTIC was developed to be used where the application of pesticides is a concern. The weights assigned to the DRASTIC factors were changed to reflect the processes that affect pesticide movement into the subsurface, with particular emphasis on soils. Where other agricultural practices, such as the application of fertilizers, are a concern, general DRASTIC should be used to evaluate relative vulnerability to contamination. The process for calculating the pesticide DRASTIC index is identical to the process used for calculating the general DRASTIC index. However, general DRASTIC and pesticide DRASTIC numbers should not be compared because the conceptual basis in factor weighting and evaluation differs significantly. Table 1 lists the weights used for general and pesticide DRASTIC .

TABLE 1. ASSIGNED WEIGHTS FOR DRASTIC FEATURES

Feature	General DRASTIC Weight	Pesticide DRASTIC Weight
Depth to Water	5	5
Net Recharge	4	4
Aquifer Media	3	3
Soil Media	2	5
Topography	1	3
Impact of the Vadose Zone Media	5	4
Hydraulic Conductivity of the Aquifer	3	2

TABLE 2. RANGES AND RATINGS FOR DEPTH TO WATER

DEPTH TO WATER (FEET)	
Range	Rating
0-5	10
5-15	9
15-30	7
30-50	5
50-75	3
75-100	2
100+	1
Weight: 5	Pesticide Weight: 5

TABLE 3. RANGES AND RATINGS FOR NET RECHARGE

NET RECHARGE (INCHES)	
Range	Rating
0-2	1
2-4	3
4-7	6
7-10	8
10+	9
Weight: 4	Pesticide Weight: 4

TABLE 4. RANGES AND RATINGS FOR AQUIFER MEDIA

AQUIFER MEDIA		
Range	Rating	Typical Rating
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 Sequences	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
Weight: 3	Pesticide Weight: 3	

TABLE 5. RANGES AND RATINGS FOR SOIL MEDIA

SOIL MEDIA	
Range	Rating
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
Weight: 2	Pesticide Weight: 5

TABLE 6. RANGES AND RATINGS FOR TOPOGRAPHY

TOPOGRAPHY (PERCENT SLOPE)	
Range	Rating
0-2	10
2-6	9
6-12	5
12-18	3
18+	1
Weight: 1	Pesticide Weight: 3

TABLE 7. RANGES AND RATINGS FOR IMPACT OF THE VADOSE ZONE MEDIA

IMPACT OF THE VADOSE ZONE MEDIA		
Range	Rating	Typical Rating
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
Weight: 5	Pesticide Weight: 4	

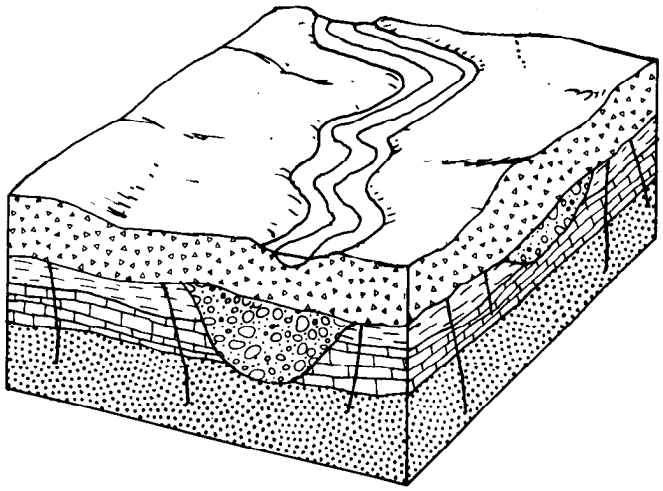
TABLE 8. RANGES AND RATINGS FOR HYDRAULIC CONDUCTIVITY

HYDRAULIC CONDUCTIVITY (GPD/FT^2)	
Range	Rating
1-100	1
100-300	2
300-700	4
700-1000	6
1000-2000	8
2000+	10
Weight: 3	Pesticide Weight: 2

Integration of Hydrogeologic Settings and DRASTIC Factors

Figure 2 illustrates the hydrogeologic setting 7D1 Buried Valley, identified in mapping Ross County, and the pollution potential indexes calculated for the setting for both general and pesticide DRASTIC. Based on selected ratings for this setting, the pollution potential index is calculated to be 189 for general DRASTIC and 203 for pesticide DRASTIC. These numerical values have no intrinsic meaning, but can be readily compared to values obtained for other settings in the county. DRASTIC indexes for typical hydrogeologic settings and values across the United States range from 65 to 223. The diversity of hydrogeologic conditions in Ross County produces settings with a wide range of vulnerability to ground water contamination. Calculated pollution potential indexes for the 22 settings identified in the county range from 62 to 207 for general DRASTIC, and from 71 to 235 for pesticide DRASTIC.

Hydrogeologic settings identified in an area are combined with the pollution potential indexes to create units that can be graphically displayed on maps. Pollution potential mapping using general and pesticide DRASTIC in Ross County resulted in maps with symbols and colors that illustrate areas of ground water vulnerability. The maps describing both the general and pesticide ground water pollution potential of Ross County are included with this report.



SETTING 7D1		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	NUMBER
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	silty loam	2	4	8
Topography	0-2%	1	10	10
Impact Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		DRASTIC	INDEX	189

SETTING 7D1		PESTICIDE		
FEATURE	RANGE	WEIGHT	RATING	NUMBER
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	silty loam	5	4	20
Topography	0-2%	3	10	30
Impact Vadose Zone	Sand and Gravel	4	8	32
Hydraulic Conductivity	2000+	2	10	20
		DRASTIC	INDEX	203

Figure 2. Description of the hydrogeologic setting - 7D1 Buried Valley (general DRASTIC and pesticide DRASTIC).

INTERPRETATION AND USE OF A GROUND WATER POLLUTION POTENTIAL MAP

The application of the DRASTIC system to evaluate an area's vulnerability to contamination produces hydrogeologic settings with corresponding pollution potential indexes. The higher the pollution potential index, the greater the susceptibility to contamination. This numeric value determined for one area can be compared to the pollution potential index calculated for another area.

The maps accompanying this report display both the hydrogeologic settings identified in the county and the associated pollution potential indexes calculated in those hydrogeologic settings. The symbols on the maps represent the following information:

7D1 - defines the hydrogeologic region and setting
189 - defines the relative pollution potential

Here the first number (7) refers to the major hydrogeologic region and the upper and lower case letters (D) refer to a specific hydrogeologic setting. The following number (1) references a certain set of DRASTIC parameters that are unique to this setting and are described in the corresponding setting chart. The second number (189) is the calculated pollution potential index for this unique setting. The charts for each setting provide a reference to show how the pollution potential index was derived in an area.

The maps are color coded using ranges depicted on the map legend. The color codes used are part of a national color coding scheme developed to assist the user in gaining a general insight into the vulnerability of the ground water in the area. The color codes were chosen to represent the colors of the spectrum, with warm colors (red, orange, and yellow), representing areas of higher vulnerability (higher pollution potential indexes), and cool colors (greens, blues, and violet), representing areas of lower vulnerability to contamination.

The maps also include information on the locations of selected observation wells. Available information on these observation wells is referenced in Appendix A, Description of the Logic in Factor Selection. Large man-made features such as landfills, quarries, or strip mines have also been marked on the map for reference.

GENERAL INFORMATION ABOUT ROSS COUNTY

Ross County is located in the south-central part of Ohio where it occupies an area of approximately 687 square miles (Carnes, 1985). Ross County is bounded on the north by Pickaway County, on the east by Hocking, Vinton, and Jackson Counties, on the south by Jackson and Pike Counties, and on the west by Highland and Fayette Counties (Figure 3).

Chillicothe is the county seat and lies equidistant between Columbus and the Kentucky border. According to the 1990 census, Chillicothe has an estimated population of 21,878. The estimated population of the entire county is 68,771 (U.S. Department of Commerce, Bureau of Census, unpublished data).

Approximately 39 percent of Ross County is forested, the majority of which is located in the southeastern two-thirds of the county. Most of the unforested land in Ross County is used for agricultural purposes. Cropland and pasture account for approximately 49 percent of the land use in Ross County. Industrial development is significant along the Scioto River valley. (Ohio Department of Natural Resources, Division of Soil and Water Conservation, unpublished data).

Chillicothe has a fifty-year (1931-1980) average annual precipitation of 38.94 inches. The average annual temperature for the same period was 53.50 degrees Fahrenheit (U.S. Department of Commerce, National Oceanic and Atmospheric Administration, unpublished data).

Physiography and Topography

Ross County lies within two distinct physiographic provinces: the Central Lowlands and the Appalachian Plateau (Fenneman, 1938). A north-facing bedrock escarpment, separating the two provinces, trends northeast-southwest across central Ross County.

The northwestern third of the county is included in the Central Lowlands Province. The preglacial bedrock surface of this portion of the province has relatively low relief. Therefore, glacial features are the predominant influence on the present-day topography. End moraines create a rolling (hummocky) topography. Rolling plains, low hills, and streams flowing in broad, shallow valleys are characteristic of this area. The most significant relief in the Central Lowlands Province of Ross County borders the Paint Creek valley where limestone bedrock is eroded into steep cliffs.

Figure 3. Location of Ross County

The southeastern two-thirds of the county rise 200 to 300 feet above the lowlands and lie within the Appalachian Plateau Province. The northwestern half of this province in Ross County is glaciated, whereas the southeastern half is considered nonglaciated (Quinn and Goldthwait, 1985). Bedrock features are the predominant influence on the topography of this region. Small, narrow streams have eroded the unglaciated sandstone bedrock into sharp, steep-sided ridgetops. Illinoian till of varying thickness covers the bedrock in the glaciated portion, and the ridges are wide and flat-topped where thin sandstone caps thick units of shale (Petro et al., 1967; Quinn and Goldthwait, 1985).

Modern Drainage

Ross County lies entirely within the Scioto River drainage basin. The Scioto River empties into the Ohio River 50 miles south of Chillicothe. Major tributaries within the county include the following: Deer Creek, Paint Creek, Walnut Creek, Kinnikinnick Creek, and Salt Creek.

In the northern lowlands region of the county, the water-storing capacity of the soils is high, and surface runoff is typically slow. In the southern hilly region, the soils have a low water-storing capacity, and surface runoff is typically rapid (Petro et al., 1967).

Preglacial Drainage

The Teays River and its tributaries were the dominant drainage system in Ohio prior to Pleistocene glaciation. The Teays River (Teays Stage) originated in the Piedmont region of Virginia and North Carolina and entered Ohio near Wheelersburg, Scioto County; it exited the state in Black Creek Township, Mercer County (Stout et al., 1943). The Teays River flowed southeast to northwest through Ross County, roughly following what is now the valley of the Scioto River. The shallow, broad Teays valley entered Ross County near the town of Higby in Franklin Township, where, deviating from the course of the modern Scioto River valley, it flowed into Jefferson Township. The Teays then looped in a "D" curve northward into Liberty Township and flowed northwestward to Chillicothe. The Teays valley floor at Chillicothe has an approximate elevation of 600 feet above sea level, and it has an estimated gradient of .95 feet per mile (Stout et al., 1943; Walker et al., 1965; Quinn and Goldthwait, 1985).

Glacial Geology

During the Pleistocene Epoch (2 million to 10,000 years ago), at least four episodes of glaciation, referred to as stages, occurred in northern North America. Each major stage included numerous sub-stages of ice advance and retreat. During each sub-stage, the ice front underwent numerous fluctuations which shaped and reshaped the surface of Ross County. Bedrock and previously unconsolidated deposits were eroded, drainages were altered, and till, outwash sands and gravels, and lacustrine (lake) silts and clays were deposited.

In southcentral Ohio, evidence exists for the two most recent, major glacial stages: the Illinoian, which occurred at least 120,000 years ago, and the Wisconsinan, which occurred between 70,000 and 10,000 years ago. Pre-Illinoian glacial deposits are lacking or obscured by subsequent stages throughout most of Ohio, with the possible exception of the Cincinnati area (Norton et al., 1983). Illinoian deposits cover all but the southcentral and southeastern quarter of Ross County. At the ice-front's most southerly point, the force was sufficient to override the bedrock escarpment, and till was deposited on the northern half of the plateau region. The Wisconsinan ice-front did not advance as far south as the Illinoian ice-front. Only the northwestern two-thirds of the county are covered with Wisconsinan deposits. The Wisconsinan ice-front did not have enough force to override the plateau, and the front was deflected to the southwest by the Appalachian Plateau escarpment.

The advent of Pleistocene glaciation dammed the flow of the Teays River, and a large lake developed within the valleys of the Teays and its major tributaries. The submerged river valley accumulated thick deposits of predominantly silt and clay sediments. Ponded water eventually flowed over drainage divides and created a new river system, flowing southward, in the opposite direction of the Teays River. This new river system is commonly referred to as the Deep Stage. The principal stream of the Deep Stage river system in Ohio originated in the eastern part of the state and is commonly known as the Newark River (Walker et al., 1965).

Deep Stage drainage is characterized by much deeper erosion than the earlier Teays Stage drainage. At Chillicothe, the Deep Stage valley floor is 120 feet below Teays level. Four miles north of Chillicothe, the valley is four miles wide and less than 200 feet deep. South of this area, the valley rapidly becomes more constricted. The valley does not have a flat, even floor; it is complicated by bedrock highs and occasional deep channels cut into the main floor. A short distance south of the Pickaway-Ross County line, the valley is separated into two troughs. The main Deep Stage drainage channel is assumed to have followed the western trough, whereas the Teays Stage followed the eastern trough (Walker et al., 1965).

With the advance of the last two glacial stages, the Illinoian and Wisconsinan, the broad, deep channel cut by the Newark River was filled with outwash sand, gravel, and silt. These materials were deposited from the debris-laden meltwaters flowing from the glacier front. Outwash was also deposited within the valleys of the main tributaries (Quinn and Goldthwait, 1985).

Over time, many of the smaller valleys in Ross County were filled or "buried" with glacial deposits. The pathways of these buried valleys may be visible at the present surface where they separate bedrock uplands, or they may be totally obscured by Late Wisconsinan deposits. Modern streams may overlie the buried channels, but, in some areas, the most recent glaciations have deranged previous drainages to such an extent that any correlation is difficult to make. Modern streams may preferentially cut channels in bedrock as opposed to following pre-existing valleys. A good example of this is where Paint Creek, blocked by Wisconsinan outwash, was forced to cut into the shale bedrock on the eastern side of the valley at Alum Cliffs, between Scioto and Huntington Townships.

The deposits of sand, gravel, and clay which fill the buried valleys vary greatly, both horizontally and vertically (Walker et al., 1965). Comparison of well logs shows that tracing a particular sand or clay layer from one well to another less than a quarter mile away is extremely difficult, if not impossible.

Conditions of deposition were not uniform throughout the area at any one time. In some localities, thick deposits of sand and gravel mixed with clay indicate that the materials were deposited with little sorting; for example, the Illinoian Higby outwash deposits within the Teays River valley. In other areas, the presence of gravel, containing very little fine sand and clay, indicates that the fine clastics materials were washed away, leaving only medium to coarse material behind. An example is the Wisconsinan outwash in the Scioto River valley. Although clay layers are present, test drilling indicates that they are not areally extensive (Walker et al., 1965).

With the exception of valley areas, most of Ross County is covered with a mantle of glacial till. Glacial till is an unconsolidated, poorly-sorted, non-stratified mixture of clay, silt, sand, and gravel which was deposited directly by ice. Actively-moving ice deposits compacted (dense) lodgement till; whereas stagnating, non-moving ice deposits less-compacted ablation or melt-out till. Till associated with a single ice advance or sheet is typically deposited unevenly over the landscape and is typically variable in composition as well. Lenses of poorly to moderately-sorted sand and gravel are often found interbedded within the till layers. Till thickness within the county varies greatly.

Many ice-contact features (kames, eskers) are present in Ross County. A kame is a short ridge or hill composed of stratified glacial drift, thought to have been formed where meltwater deposited sediment within or at the margin of the ice sheet. An esker is a narrow, elongated ridge or mound of stratified, gravelly and sandy drift deposited by subglacial streams or by streams following crevasses in the ice. Good examples of Wisconsinan ice-contact features can by found in Concord Township, near the town of Roxabell, and along the western side of the Scioto River valley, north of Chillicothe. Many Illinoian kames are present in Paxton and Twin Townships, along the southern side of the Paint Creek valley.

Three Late Wisconsinan end moraines are mapped within Ross County: the Lattaville, Reesville, and Yellowbud Moraines. An end moraine position represents an ice advance, readvance, or recessional stagnation. Each end moraine is composed of relatively unsorted glacial drift and, with the exception of the Yellowbud Moraine, is associated with the deposition of a separate till according to Quinn and Goldthwait (1985).

The Lattaville Moraine forms a nearly continuous 20-mile-long moraine paralleling the Appalachian Plateau escarpment; the Reesville Moraine is oriented north-south along the eastern side of the Scioto River valley north of Chillicothe; and the Yellowbud Moraine, in Ross County, occupies the triangular-shaped area between the Deer Creek and Scioto River valleys and the Pickaway County border. Petty (1985), mapped Ross County using Landsat imagery and proposes that a well-delineated, lobate-shaped area southwest and west of the Yellowbud Moraine

represents a recessional moraine correlative to the Yellowbud Moraine in age and distribution.

Quinn and Goldthwait (1985), mapped several areas of the Yellowbud and Reesville Moraines as "kame moraines". They describe a kame moraine as an area of ice-contact sand and gravel (kame) deposits which are covered by thin till.

As drainageways were blocked with ice from the north, several glacial lakes were formed in Ross County The associated lacustrine deposits consist of silts and clays interbedded with marl zones. Marl zones represent periods when the area was drained allowing development of vegetation (Quinn and Goldthwait, 1985; Sugar, 1990). One of the largest areas of Wisconsinan lacustrine deposition is in the area known as The Prairie, located in the northeastern corner of the county, between Kingston and Adelphi along the Pickaway County border. A large Illinoian glacial lake was formed in the southwestern corner of the county, south of Jones Hill in Paxton Township along the Pike County border. Several other Illinoian lake deposits can be found in the valleys of Paint Creek tributaries.

Bedrock Geology

Exposed bedrock in Ross County ranges from Late Silurian dolomites to Early Pennsylvanian sandstones (Table 9). The bedrock formations within the county lie on the eastern flank of the Cincinnati Arch and generally dip east-southeast at approximately 30 feet per mile (Hyde, 1921; Quinn and Goldthwait, 1985). Due to the structural dip of the bedrock, the oldest rocks are exposed in the western part of the county, while the youngest rocks are exposed in the eastern part.

TABLE 9. GENERALIZED BEDROCK STRATIGRAPHY OF ROSS COUNTY, OHIO (after Rogers, 1936; Hyde, 1921, 1953; Carman, 1947; and Hoover, 1960)

AGE millions of years ago	SYSTEM	GROUP	FORMATION	MEMBER	DESCRIPTION
320-286	**PENNSYLVANIAN**	**Pottsville**		Sharon Conglomerate	Massive, medium to coarse-grained, poorly-cemented, yellow sandstone with thin conglomeratic beds
360-320	**MISSISSIPPIAN**		Logan	Vinton	Fine-grained sandstone with some shale & limestone beds
				Allensville	Fine-grained, yellow sandstone with thin conglomerate beds
				Byer	Fine-grained, yellow sandstone with occasional shale beds
				Berne	Thin conglomerate with rounded pebbles
			Cuyahoga		Soft, gray shales with thin, reddish-brown sandstones
			Sunbury Shale		Black, argillaceous, fissile shale
			Berea Sandstone		Massive, fine-grained, blue-gray sandstone with interbedded siltstones
			Bedford Shale		Soft, bluish-gray to red shale with lenses of blue-gray sandstone and dark blue shale
408-360	**DEVONIAN**		Ohio Shale		Black to brown, carbonaceous, massive to thinly laminated shale
			Olentangy Shale		Soft, blue-gray, argillaceous shale with carbonate concretions
438-408	**SILURIAN**	**Salina**	Greenfield		Massive, light-brown to yellowish-brown, fine-grained dolomite with carbonaceous partings
		Lockport	Peebles		Bluish-gray to buff, fine-grained, massive, crystalline, vuggy dolomite

Carbonate units (limestones and dolomites) underlie the glacial drift in the extreme western part of Ross County. Limestones were formed in warm, shallow seas from precipitation of calcium carbonate and from the accumulation of organic reefs and marine animal shells. Theoretically, dolomites form from the recrystallization of existing limestone over a long period of time. Exposures of dolomite are limited to the Paint Creek and Buckskin Creek valleys. The oldest unit is the Peebles Dolomite of the Silurian Lockport Group. The Peebles is described as a fine-grained, crystalline, dense, massive, dolomite with numerous vesicles and vugs distributed throughout (Kleffner and Ausich, 1988; Rogers, 1936). Fresh exposures of the formation are light-gray to bluish-gray, but the color changes to buff or yellowish-brown depending on the degree of weathering (Department of the Army, 1968). The thickness of the Peebles ranges from 20 to 90 feet (Rogers, 1936).

Overlying the Peebles is approximately 100 feet of the Greenfield Dolomite which is the basal member of the Silurian Salina Group. The Greenfield is a drab, fine-grained dolomite with carbonaceous partings and typically 2 to 6 inch beds. Characteristic undulating beds are so irregular in arrangement, direction of dip, and amount of dip that elevations of contacts in correlating strata are difficult to measure (Rogers, 1936).

Devonian carbonates, Columbus and Delaware Limestones, are not found in Ross County; instead, Devonian Olentangy and Ohio Shales directly overlie the Silurian units. These shales are thought to have formed in an organic-rich, deep marine environment. In Ross County, the Olentangy Shale is not mapped separately from the overlying Ohio Shale; however, Hoover (1960) reports that in southern Ohio the thickness of the Olentangy ranges from 0 to 58 feet. Hyde (1921) reports a total of approximately 450 feet of Devonian shale.

The Olentangy is generally a bluish-gray to greenish-gray clay shale with black, fissile shale beds in the upper portion. The formation crumbles easily upon slight to moderate weathering. It also contains flat, concretionary masses of blue limestone, compact, blue limestone layers, and pyrite in the form of small nodules, grains or crystals (Hoover, 1960; Crawford, 1982).

The Ohio Shale, overlying the Olentangy, is commonly referred to as the "Black Shale" due to the incorporation of large amounts of carbonaceous material. Three miles southeast of Chillicothe, the uppermost 75 feet of the formation is relatively more carbonaceous (Carman, 1947). The Ohio is described as black to brownish-black on fresh exposures, but weathers to bluish-black. Carman (1947) reports that the bottom 75 feet of the Ohio contains relatively more blue-black to blue-gray shale layers. Considerable amounts of pyrite and marcasite stain many surfaces red. Although appearing firm and massive, the shale is moderately soft, fissile, and weathers into thin laminae. Poor soils develop on the Ohio shale, and often vegetation is not sufficient to prevent slope erosion (Hyde, 1921; Crawford, 1982).

The Bedford Formation, overlying the Ohio Shale, is the basal Mississippian bedrock unit. Both Hyde (1921) and Rothman (1982) report that the Bedford is

about 85 feet thick in central Ross County. It occurs in full thickness in the east wall of the Scioto River valley from Sugar Loaf south to Mount Logan. The lower half of the formation consists of soft, bluish-gray shales with a few thin, hard, very fine to medium-grained sandstones, 2 to 8 inches thick. The thin sandstones increase towards the top of the formation until the unit consists mostly of rippled sandstones 1 or 2 inches thick (Hyde, 1921; Spraitzar, 1982).

The upper portion of the Bedford Formation and the overlying Berea Sandstone give rise to the flat-topped plateaus so common in central Ross County. The sandstones are much more resistant to erosion than the underlying shales and thus reduce the amount of stream dissection. Sandstones are formed from thick accumulations of sand-sized sediments deposited by rivers in floodplains and deltas and along shorelines by wind and water.

In Ross County, the Berea Sandstone is a massive, fine-grained, resistant, blue-gray sandstone. Thinly-bedded siltstones and shales are interbedded with the sandstones in some localities. Sandstone beds are thicker and more numerous in the Berea than in the Bedford. The Berea is about 25 feet thick west of Chillicothe, but it thins considerably to the east (Hyde, 1921; Rothman, 1982; Spraitzar, 1982).

Fifteen to 25 feet of the Sunbury Shale overlies the Berea Sandstone. The Sunbury is a tough, black, carbonaceous shale which is quite similar to the Ohio Shale. In many areas of the county, the Sunbury has been removed by erosion, or it forms gentle slopes above the Berea ledges. South of Paint Creek, north to Asher Hill, the unit is present and occasionally seen in outcrop. Its most easterly occurrence is on the east side of Mount Logan, at the junction of the two headwaters branches of Lick Run. The Sunbury is apparently absent from Plyley Ridge, Poplar Ridge, McDonald Hill, and Beath Ridge (Hyde, 1921; Spraitzar, 1982).

Overlying the Sunbury Shale is the Cuyahoga Formation. This formation generally consists of soft, gray shales with occasional thin, reddish-brown sandstones. Along the eastern margin, the formation is probably 450 feet thick, but it thins westward so that, at Mount Logan, the Cuyahoga is about 350 feet thick. West of the Scioto River the formation thins further and, on the divide between Black Run and Ralston Run, is about 120 feet thick. As the formation thins to the west, it also changes in lithology, from shales in the central portion of the county, east of the Scioto River, to coarse sandstones and conglomerates interbedded with thin shale beds along the western border. In some areas, the upper portion of the formation grades conformably into the overlying Logan Formation (Hyde, 1921; 1953; Stoffer, 1982).

The Logan Formation is primarily fine-grained sandstones with some sandy shales. Well logs indicate occasional, thin limestone layers are present within the formation. The Logan is divided into four members: the Berne, Byer, Allensville, and Vinton Members. The Berne Member is a basal conglomerate with rounded pebbles one-eighth to one-fourth inch in diameter. This member is usually only 1 to 2 feet thick. The Berne Member was formed by erosion of the underlying Cuyahoga Formation; therefore, where present, the contact with the Cuyahoga is unconformable. The Berne is known to exist near the head of both Bull Run and Poe

Run, but it probably does not extend as far west as Walnut Creek (Hyde, 1921; 1953; Stoffer, 1982).

The Berne Member grades into the overlying Byer Member. The Byer Member consists of fine-grained, yellow sandstone. Its thickness increases from east to west and ranges between 80 to 115 feet, east of Walnut Creek. West of this area, the Byer thickness is difficult to measure, but is probably not over 40 feet. West of the Scioto River, the upper portion of this member probably consists mostly of shale (Hyde, 1921; 1953; Stoffer, 1982).

The Allensville Member consists of fine-grained, yellow sandstones identical to those of the underlying Byer Member, but with numerous, thin beds of fine pebbles or very coarse sand. The Allensville attains a maximum thickness of 30 feet. The pebble beds are 1 to 2 feet thick near the base of the unit, but increase in number and thickness so that, just below the contact with the overlying Vinton Member, they may be several feet thick (Hyde, 1921; 1953; Stoffer, 1982).

The Vinton Member consists of variable amounts of fine-grained sandstone, siltstone, and shale. This member is so similar to the Byer that only the presence of the Allensville Member makes them distinguishable. However, the Vinton does have relatively greater abundance of fossils and rippled bedding. East of Walnut Creek, it varies in thickness from 50 to 75 feet. Thicknesses exceeding 100 feet are found west of Walnut Creek . An unusual bed of gray, crystalline, hard, sandy limestone can be found in some localities within the Vinton Member (Hyde, 1921; 1953; Stoffer, 1982).

Pennsylvanian rocks of the Pottsville Group are limited in Ross County to ridgetops in the southeastern corner of Jefferson Township. The basal member of the Pottsville Group is the Sharon Conglomerate. The Sharon is a massive, medium to course-grained, poorly-cemented, yellow to buff sandstone with occasional thin conglomeratic beds. A thin coal seam has been reported near Peter's Cave (Hyde, 1953; Fuller, 1967).

Hydrogeology

The hydrogeologic evaluation of Ross County is facilitated by categorizing aquifer materials with similar characteristics. An aquifer is a consolidated or unconsolidated geologic formation or series of formations that are hydraulically interconnected and that have the ability to receive, store, or transmit water. Consolidated bedrock aquifers are divided into the following aquifer categories: limestone (carbonate) bedrock, shale bedrock, bedded sandstone, limestone, and shale sequences, and sandstone bedrock. The unconsolidated or glacial aquifers are all sand and gravel deposits of varying composition.

The limestone and dolomite aquifer system roughly covers the western quarter of Ross County. The weathered, upper 10 to 30 feet of the limestone is used as a ground water source where the overlying glacial deposits are too fine or too thin to be developed. Due to the relatively low bedrock permeability, ground water yields seldom exceed 10 gallons per minute (Schmidt, 1980).

The limestone and dolomite aquifer exhibits unconfined to semiconfined conditions depending on the nature and thickness of the overlying material. In some areas, wells are drilled through thin shale bedrock to the underlying limestone aquifer. The permeability of an aquifer system is dependent on the primary and secondary porosity and the degree of interconnection between the individual pore spaces. Primary porosity refers to original void spaces in the rock, while secondary porosity refers to fracturing of the rock and enlargement of open spaces through solution activity at a later time. Solution activity is greatest at or near the ground water level. Fluctuation of the ground water level over time produces zones of increased permeability in the rock.

The shale aquifer is coincident with the northeast-southwest trending occurrence of the Ohio Shale and the lower, shaley portion of the Cuyahoga Formation. This area lies roughly west of the Scioto River valley. Generally, wells are developed in the upper 50 feet of the shale and typically produce less than 1 gallon per minute. Dry wells are common in this area (Schmidt, 1980). The first 10 feet of the bedrock is usually weathered and represents the most productive part of the aquifer; deeper drilling typically provides only additional storage capacity. The primary porosity of the shale is minimal. Secondary porosity, in the form of fracturing, is the most important factor governing ground water yield. This aquifer is generally unconfined; however, if the overlying glacial till is thick, semiconfining conditions may exist. Sand and gravel within the overlying glacial drift often proves to be a better aquifer than the shale bedrock.

The bedrock underlying the eastern half of Ross County consists mostly of interbedded limestone, shale, and sandstone sequences . Small quantities of ground water are obtained from solutioned bedding planes and fractures, usually within in upper 30 feet of the bedrock. Wells rarely yield more than 3 gallons per minute. If overlying glacial material is present, it is usually too thin to be developed as a source of water.

In the southeast corner of the county, in Jefferson Township, the aquifer is sandstone bedrock. Although the sandstone is permeable, very few shale beds are present within the sandstone to trap the downward flow of ground water. Therefore, depth to the water table in these areas is relatively deep. No well logs are on record which are developed in the sandstone; however, small quantities of ground water are found at the interface between the sandstone and the underlying shale.

Thin, lens-shaped sand and gravel units of limited areal extent are often found within the glacial till. Ground water production from these lenses is dependent on the texture of the sand and gravel, the silt and clay content, and the thickness and areal extent of the lens. Within Ross County, these factors are highly variable and result in a wide range of ground water yields (0 to 25 gallons per minute) to drilled wells. The probability of encountering water-bearing sand and gravel increases as the till thickness increases. The likelihood of encountering semiconfining to confining aquifer conditions increases as the composition of the till becomes finer grained, the fractures in the till decrease, and the till thickness increases. In Ross County, water-bearing sand and gravel lenses are typically under unconfined to semiconfined conditions.

Outwash sands and gravels are primarily found in the Scioto River valley, the Paint Creek valley, and their tributaries. The Illinoian Higby Outwash was deposited within the Teays River Valley. These outwash deposits vary from clay to coarse gravel; however, this outwash is generally more extensive, coarser, and lower in silt and clay content than the sand and gravel lenses found within the till. Ground water yields from the outwash aquifer vary due to their varying composition. Wisconsinan outwash can produce over 1000 gallons per minute, whereas, due to the higher percentage of fine-grained sediments, Illinoian outwash typically yields only 10 to 25 gallons per minute (Schmidt, 1980).

Although ground water yields are high, the outwash deposits within the Paint Creek valley and other tributaries are not as productive as the Scioto River valley deposits. This decrease in aquifer productivity is primarily due to decreased aquifer thickness and areal extent.

Regional ground water flow in Ross County is towards the Scioto River, with a southerly trend. The Scioto River, Paint Creek, and the North Fork of Paint Creek are the major areas of ground water discharge. Ground water flow into these rivers can be reversed locally by lowering the water table below the base level of the rivers. This can occur naturally during seasonal periods of lesser precipitation and greater water use, or the reversal can occur artificially by high pumping rates from wells near the river. Infiltration of precipitation through surficial deposits is the principal source of recharge to the aquifers in Ross County.

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APPENDIX A

DESCRIPTION OF THE LOGIC IN FACTOR SELECTION

Depth to Water

This factor was primarily evaluated using information obtained from water well logs on file at the Ohio Department of Natural Resources, Division of Water. Other important sources of information include the following: data for the Central Ohio Project, Ohio Department of Natural Resources (Ranney Water Systems, 1972a; b; and unpublished data); Ohio Department of Natural Resources reports and maps (Hyde, 1921; Volmelker, 1979; 1985; Walker et al., 1965); consultants reports (Morin, 1986); and theses (Allong, 1971; Markley, 1985). In areas with little or no depth to water data, interpretation of surficial geology, bedrock geology, and topography was important in selecting a value. Ground water levels within the till plains west of the Scioto River are variable, but average between 15 and 50 feet (7 or 5) below land surface. Within the Scioto River valley, ground water levels are highly variable, ranging between 5 and 75 feet (9 to 2); however, depths to water generally correspond to the river elevation. Ground water levels which were interpreted as artificially lowered due to heavy pumping from industrial wells were ignored. Depths to water in other valley areas also typically correspond to stream elevations and are typically shallow, 5 to 30 feet (9 or 7). Ground water levels are highly variable within the Reesville Moraine and kame moraine areas, just east of the Scioto River valley, north of Chillicothe; depths ranged from 75 to 100 feet (2) to 5 to 15 feet (9). Ground water in the nonglaciated portion of the county is usually encountered in the first 50 feet of bedrock (9, 7, or 5), with the exception of the Sharon Sandstone in southeastern Jefferson Township where the depth to water is over 100 feet (1).

Net Recharge

Climatological data for Ross County indicate an approximate average precipitation of 39 inches per year (U.S. Department of Commerce, National Oceanic and Atmospheric Administration, unpublished data). Pettyjohn and Henning (1979) report that 2.1 to 8.4 inches of the yearly precipitation is assumed to reach the county's aquifers as recharge. Between 6.3 to 8.4 inches per year recharge the major valleys in the county, whereas 2.1 to 4.2 inches per year recharge the remainder of the county. Recharge of 4 to 7 inches per year is considered typical for the majority of Ross County; variations from this rating of 6 were made based on local topography, soil media, and vadose zone media. As surface slope decreases, runoff from precipitation decreases, and therefore more water is available to infiltrate the subsurface. Infiltration rates generally increase as the percentages of coarse material

increase in soil and vadose zone compositions. Furthermore, as the vadose zone thickness increases, the amount of unsaturated material that the infiltration water has to pass through increases, and more water is lost to evaporation, transpiration, and soil moisture replacement. The major valley areas in Ross County were assigned a recharge value of 7 to 10 inches per year (8) because soil and vadose zone materials are relatively permeable and because water tables are relatively high. A rating of 2 to 4 inches per year (3) was assigned to areas covered by Illinoian till with steep relief due to the topography and the higher silt and clay content of the till. Nonglaciated areas with steep relief were assigned a recharge value of 0 to 2 inches per year (1) because of the consolidated nature of the vadose zones and the high runoff rates.

Aquifer Media

Evaluations of this factor were made using information obtained from the Ohio Department of Natural Resources, Division of Water (well logs and open files); Hyde (1921; 1953); Rogers (1936); Carman (1947; 1955); Hoover (1960); Walker et al. (1965); Fuller (1967); Allong (1971); Ranney Water Systems (1972a; b; and unpublished well log data); Norris (1975); Schmidt (1980); Crawford (1982); Rothman (1982); Spraitzar (1982); Stoffer (1982); Markley (1985); Quinn and Goldthwait (1985); Morin (1986); and Kleffner and Ausich (1988). In areas where more than one aquifer is present, the first aquifer encountered was evaluated. Unconsolidated aquifers in Ross County are sand and gravel deposits, and ratings vary from the typical DRASTIC rating of 8 as silt and clay percentages within the sand and gravel aquifers vary. The typical rating was assigned to the outwash sand and gravel in the valleys of the major Scioto River tributaries. Very coarse, very well-sorted, outwash sand and gravel in the Scioto Valley received a rating of 9. Minor tributaries, headwaters, and margins alongside highly productive valleys were given ratings of 6 and 7. The sand and gravel lenses within the till are generally higher in silt and clay content and not as well sorted as the outwash and therefore are given a rating of 6. The sand and gravel in the Illinoian Higby outwash was rated as 5 due to the high silt and clay percentage.

In the nonglaciated portion of the county, and in areas where the glacial till is thin, the aquifer is the underlying bedrock. The far western part of the county is underlain by limestone and given an aquifer rating of 5. This rating is slightly less than the typical massive limestone rating of 6 because of the relatively lower permeability of the Peebles and Greenfield Formations. As the overlying shale bedrock increases to the east, the aquifer is defined as shale and given a typical shale rating of 2. Above the shale, the bedrock increases from east to west in layers of sandstone with respect to shale. In the eastern half of the area underlain by these bedrock sequences, shale is still the predominant bedrock type, and therefore a rating of 3 was assigned. Because the more permeable sandstone layers increase in number, the western half of this area was given an aquifer rating of 5, still slightly below the typical bedded sequences rating of 6. In the far eastern part of the county, sandstone is the predominant bedrock type and is given the typical massive sandstone rating of 6.

Soil Media

This factor was evaluated using soil descriptions from the Soil Survey of Ross County (Petro et al., 1967). Each soil was rated in terms of textural and organic composition, shrink-swell potential, and permeability (Table 10). The soil descriptions were examined to determine the most significant unit affecting the pollution potential. The stream and river valleys within the county generally have silty loam (4) to loam (5) soils, but, in some small areas, the soil may be sand (9). Soils on kames and eskers vary from silty loam (4) to gravel (10). Sandy loam soils have developed on the steep hillsides of the sandstone bedrock areas. Clay loams (3) most typically develop on till-covered areas.

Topography

This factor was evaluated by separating topography into slope percentages. In the till-plain areas of eastern Ross County, the slope is typically gentle to moderate, with ratings of 0-2% slope (10) to 6-12% slope (5). Occasional ratings of 3 (12-18% slope) were given to highly-eroded, valley areas. Slope percentages increase towards the Appalachian Plateau; ratings of 12-18% slope (3) and 18+% slope (1) are common for the upland plateau areas. The floodplains of the stream and river valleys are mostly flat-lying, with typical 2-6% slope (9) and 0-2% slope (10) ratings.

Impact of the Vadose Zone Media

Determinations regarding this factor were made using information obtained from the following: The Ohio Department of Natural Resources, Division of Water (well logs and open files); Goldthwait and Forsyth (1965); Goldthwait (1969); Walker et al. (1965); Allong (1971); Ranney Water Systems (1972a; b; and unpublished well log data); Norris (1975); Schmidt (1980); Markley (1985); Petty (1985); Quinn and Goldthwait (1985); and Morin (1986). Numerous areas were field checked to help determine the nature of vadose zone media.

TABLE 10. ROSS COUNTY SOILS (after Petro et al., 1967)

Soil Name	Parent Material or Setting	DRASTIC Rating	Soil Media
Abscota	Alluvium over Till	9	sand
Alexandria	Till	3	clay loam
Alford	Loess	3	clay loam
Algiers	Alluvium over Till	3	clay loam
Alvin	Sand	3	clay loam
Avonburg*	Till	3	clay loam
Bartle	Lakebed	4	silty loam
Bonpas	Lakebed	7	shrink/swell clay
Brookston	Till	3	clay loam
Cana	Till,Loess over Shale	3	clay loam
Cana Soils (CeC3, CeD3, CeF3)	Till,Loess over Shale	10	thin or absent
Cana-Colyer	Till,Loess over Shale	10	thin or absent
Cardington	Till over Sandstone	3	clay loam
Carlisle	Bogs, Terraces	7	shrink/swell clay
Casco-Lorenzo	Sand and Gravel	10	gravel
Celina	Loess, Till	3	clay loam
Clermont*	Loess, Till	3	clay loam
Colyer	Shale	10	thin or absent
Colyer-Cana	Shale	10	thin or absent
Coolville	Loess over Shale and Sandstone	3	clay loam
Crosby	Loess, Till	3	clay loam
Cruze	Colluvium from Shale and Sandstone	3	clay loam
Dekalb-Neotoma	Sandstone	6	sandy loam
Eel	Alluvium	6	sandy loam
Fawcett	Loess over Shale and Sandstone	4	silty loam
Fox	Loamy material over Sand and Gravel	3	clay loam
Fox-Warsaw	Outwash, Kames	4	silty loam
Genesee	Alluvium	4	silty loam
Henshaw	Lakebed	3	clay loam
Hickory	Till	4	silty loam
Kendallville	Outwash over Till	3	clay loam
Latham	Shale, Sandstone	3	clay loam

* soil contains a fragipan

TABLE 10 (continued)

Soil Name	Parent Material or Setting	DRASTIC Rating	Soil Media
Latham Soils (LhD3, LhE3, LhF)	Shale, Sandstone	10	thin or absent
Loudonville	Loess, Till over Sandstone	3	clay loam
Markland	Loess, Lakebeds	7	shrink/swell clay
McGary	Loess, Lakebeds	7	shrink/swell clay
Mentor	Loess, Lakebeds	4	silty loam
Miami	Loess over Till	3	clay loam
Millsdale	Till, Outwash over Dolomite	7	shrink/swell clay
Milton	Till	3	clay loam
Monongahela	Loess	3	clay loam
Muskingum	Sandstone	4	silty loam
Muskingum-Latham	Sandstone, Shale	4	silty loam
Muskingum-Berks-Neotoma	Sandstone	4	silty loam
Negley	Terraces, Sand and Gravel	5	loam
Negley-Fox	Outwash	5	loam
Negley-Fox-Lorenzo	Outwash	5	loam
Ockley	Outwash	4	silty loam
Parke	Loess over Outwash	4	silty loam
Parke-Negley	Loess over Sand and Gravel	4	silty loam
Pekin	Lakebed	3	clay loam
Philo	Alluvium over Sandstone and Shale	4	silty loam
Pike	Loess over Outwash	4	silty loam
Pope	Alluvium over Sandstone and Shale	4	silty loam
Rainsboro	Loess over Outwash	4	silty loam
Rarden	Shale, Sandstone	3	clay loam
Rarden Soils (ReD3)	Shale, Sandstone	10	thin or absent
Rarden-Coolville	Loess over Shale and Sandstone	3	clay loam
Ritchey	Till over Dolomite	10	thin or absent
Rodman-Lorenzo	Sand and Gravel	9	sand
Ross	Alluvium	5	loam
Rossmoyne*	Loess over Till	5	loam
Shoals	Alluvium	5	loam

*soil contains a fragipan

TABLE 10 (continued)

Soil Name	Parent Material or Setting	DRASTIC Rating	Soil Media
Sleeth	Sand and Gravel	4	silty loam
Stendal	Alluvium over Sandstone and Shale	4	silty loam
Taggart	Loess over Outwash	3	clay loam
Thackery	Sand and Gravel	3	clay loam
Tyler*	Loess, Lakebed	3	clay loam
Uniontown	Lakebed	3	clay loam
Wallkill	Alluvium over Muck	7	shrink/swell clay
Warners	Muck over Marl	7	shrink/swell clay
Warsaw	Outwash	5	loam
Wea	Silt, Loam over Outwash	4	silty loam
Wellston	Loess over Sandstone	4	silty loam
Westland	Silt, Loam over Sand and Gravel	7	shrink/swell clay
Willette	Bogs, Terraces	7	shrink/swell clay

*soil contains a fragipan

Most of the Scioto River valley and its major tributaries were assigned a typical sand and gravel vadose zone rating of 8. South of Chillicothe, well logs indicate a coarsening of the vadose zone material in the Scioto River valley, and this area was rated as 9. Areas within the buried valley settings that have a higher sand, silt, and clay content were evaluated as sand and gravel with significant silt and clay; rating values for these areas are less than 8 and vary with composition. A rating of 4 was commonly given to till-covered areas, and the vadose zone media is listed as till. Silt and clay, with a typical rating of 4, is the vadose zone media for the glacial lake settings.

In some areas of glaciated Ross County, the overlying glacial material is thin or absent, and therefore the vadose zone is the underlying bedrock type. The shale areas were rated 3 or 4 depending on the number of interbedded sandstone layers. The bedded sequences of sandstone, limestone, and shale were evaluated on the basis of sandstone and limestone percentages and rated as 5 or 6. The vadose zone media for the nonglaciated portion of Ross County is the respective, local bedrock type, and the ratings are the same as the glaciated bedrock areas. The majority of sandstone bedrock in the far eastern part of the county was rated as typical (6).

Where the sandstone thickens and becomes more massive, a rating of 7 was assigned.

Hydraulic Conductivity

Values of hydraulic conductivity were based on the following references: Ohio Department of Natural Resources, Division of Water (well logs and open files); Walker et al. (1965); Allong (1971); Ranney Water Systems (1972a; b); Norris (1975); Freeze and Cherry (1979); Markley (1985); and Morin (1986). The Scioto River buried valley aquifer was assigned a hydraulic conductivity rating of 2,000+ gallons per day per square foot (10). Within the valleys of Paint Creek, the north fork of Paint Creek, and Deer Creek, the hydraulic conductivities are generally 1,000 to 2,000 gallons per day per square foot (8). Sand and gravel aquifers within glacial till have a lower value of 300 to 700 gallons per day per square foot (4). Bedrock aquifers (except the limestone and dolomite) have conductivities of 1 to 100 gallons per day per square foot (1). The limestone and dolomite aquifer was rated at 100 to 300 gallons per day per square foot (4).

APPENDIX B

DESCRIPTION OF HYDROGEOLOGIC SETTINGS AND CHARTS FOR GENERAL DRASTIC

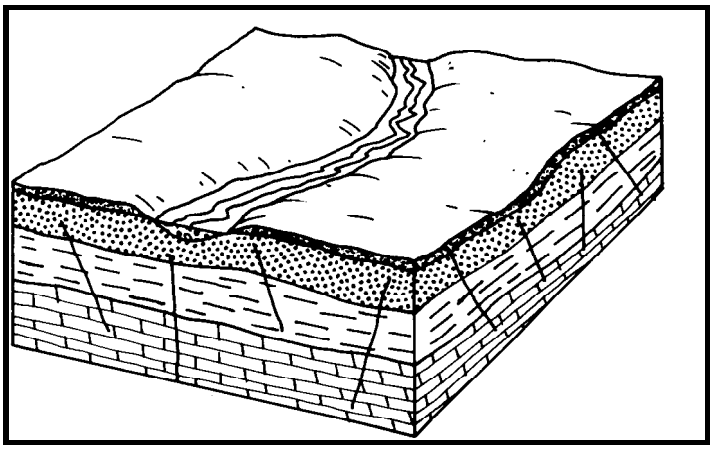
TABLE 11. HYDROGEOLOGIC SETTINGS MAPPED IN ROSS COUNTY, OHIO, FOR GENERAL DRASTIC

Hydrogeologic Settings	Range of GWPP Indexes	Number of Index Calculations
6Da - Alternating Sandstone, Limestone, and Shale - Thin Soil	83-135	36
6Fa - River Alluvium with Overbank Deposits	95-133	19
6L - Shale	65-102	14
6M - Sandstone	77-121	16
7Aa - Glacial Till over Bedded Sedimentary Rocks	75-122	42
7Ab - Glacial Till over Outwash	137-151	4
7Ac - Glacial Till over Limestone	63-145	39
7Ad - Glacial Till over Sandstone	97-109	4
7Ae - Glacial Till over Shale	62-119	57
7Af - Sand & Gravel Interbedded in Glacial Till	91-153	26
7Ba - Outwash	137-161	18
7Bb - Outwash over Bedded Sedimentary Rocks	89-136	32
7Bc - Outwash over Limestone	94-156	25
7Be - Outwash over Shale	80-143	25
7C - Moraine	77-135	48
7D - Buried Valley	73-207	267
7Ec - Alluvium over Sedimentary Rocks	87-156	45
7Ed - Alluvium over Glacial Till	117-162	32
7F - Glacial Lake Deposits	93-149	23
7G - Thin Till over Bedded Sedimentary Rocks	97-136	11
7Gb - Thin Till over Limestone	76-121	3
7Gc - Thin Till over Shale	74-99	11

The following information provides a description of each hydrogeologic setting identified in the county, a block diagram illustrating the characteristics of the setting, and a listing of the charts for each unique combination of pollution potential indexes calculated for each setting. The charts provide information on how the ground water pollution potential index was derived and are a quick and easy reference for the accompanying ground water pollution potential map. A complete discussion of

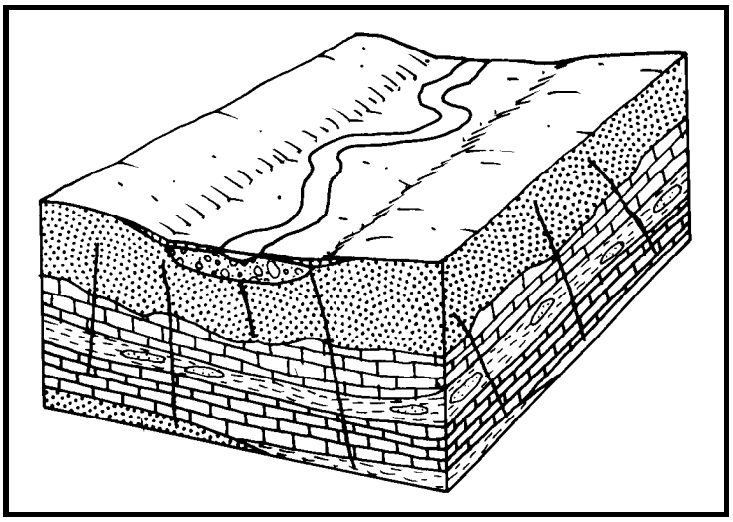
the rating and evaluation of each factor in the hydrogeologic settings is provided in Appendix A, Description of the Logic in Factor Selection.

Ross County is divided into 22 hydrogeologic settings, 18 of which are part of the Glaciated Central Region, and 4 of which are part of the Non-Glaciated Central Region (Aller et al., 1987). The list of these settings, the range of pollution potential index calculations, and the number of pollution potential index calculations for each setting are provided in Table 11. Computed pollution potential index values range from 62 to 207.



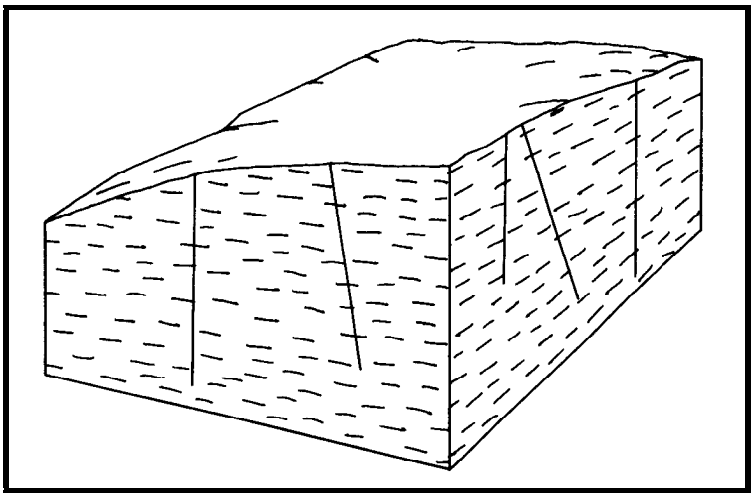
6Da Alternating Sandstone, Limestone, and Shale - Thin Soil

This hydrogeologic setting is characterized by thin, clay loam soils overlying slightly-dipping, alternating layers of fractured sedimentary rocks. Relief is extremely variable, ranging from low to very steep. The soils are usually very thin or absent on the steeper slopes. Small supplies of ground water are obtained from fractures along bedding planes or from intersecting vertical fractures. Sandstone or limestone beds may be developed as water supplies if they are of substantial thickness and permeability. Recharge is low due to the steep relief and restrictive shale beds. Depth to water is highly variable, but is generally fairly shallow. Perched ground water zones of local, domestic importance are often developed in areas of substantial relief.



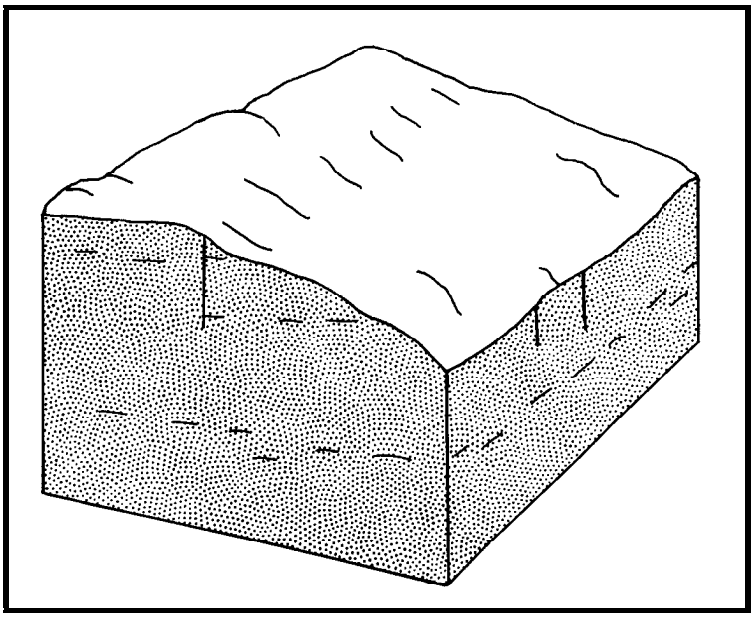
6Fa River Alluvium With Overbank Deposits

This hydrogeologic setting is characterized by low relief and deposits of alluvium along parts of stream valleys. The alluvium is composed of fine-grained sediments with thin sand and gravel layers. The floodplain is covered with silt and clay of varying thickness called overbank deposits. The overbank deposits are usually thicker along major streams. Recharge is somewhat reduced by the impermeable nature of the overbank deposits and subsequent silty loam soils. Although ground water is present within the sandy alluvium, the stream deposits are generally too thin to be developed as an aquifer. Small supplies of ground water are obtained from the sedimentary bedrock beneath the alluvium. The alluvium is commonly in direct hydraulic connection with the underlying bedrock. Depth to water is typically shallow.



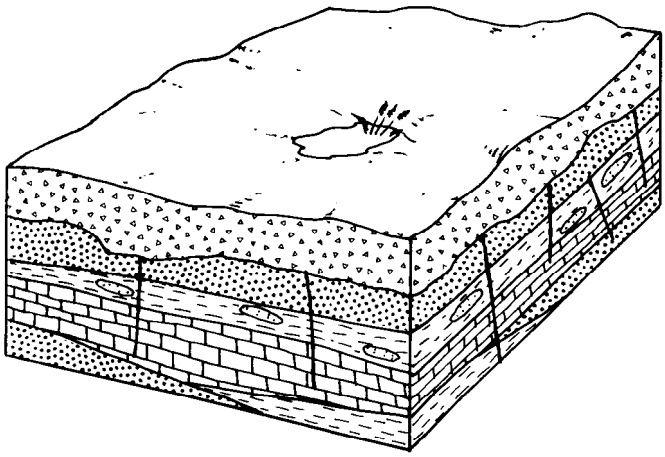
6L Shale

This hydrogeologic setting is characterized by thin, clay loam soils overlying shale bedrock. Relief is highly variable, and the soils are very thin or absent in the steeper areas. Small supplies of ground water are obtained from the upper, weathered portion of the shale or from fractured bedding planes and intersecting vertical fractures. Recharge is low because of the steep relief and the low permeability of the shale. Average static water levels are moderately shallow, averaging around 20 feet.



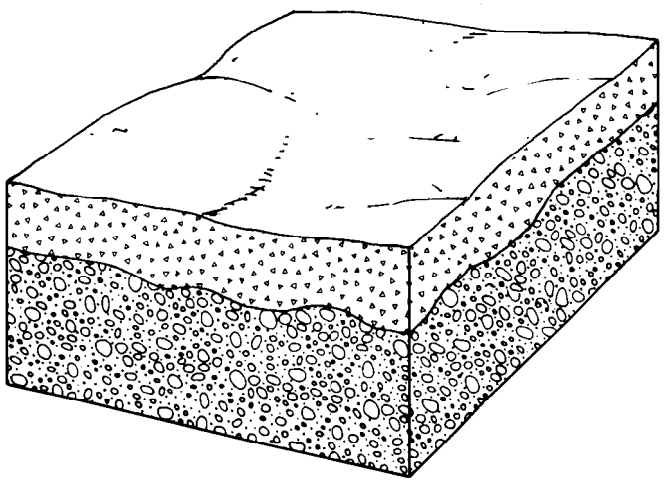
6M Sandstone

This hydrogeologic setting is characterized by massive, loosely-cemented sandstone bedrock with occasional, discontinuous, thin shale layers, and moderately steep to very steep relief. The soil is generally thin or absent, but where present is a silty or sandy loam. Depth to water is typically deep due to the relatively higher permeability of the sandstone and the lack of bedding planes. However, perched ground water zones of local, domestic importance may be developed in some areas. Flatter ridge tops serve as a local source of recharge to the sandstone aquifer.



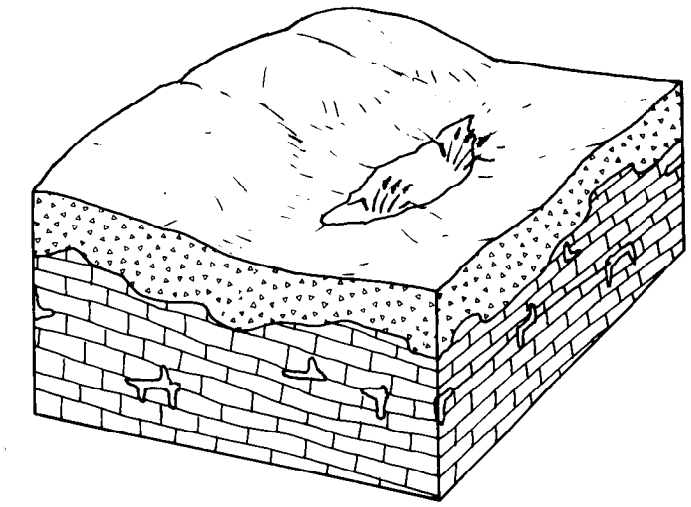
7Aa Glacial Till Over Bedded Sedimentary Rock

This hydrogeologic setting is characterized by relatively flat-lying, fractured sedimentary rocks consisting of sandstone, shale, and limestone which are covered by varying thicknesses of glacial till. The till consists primarily of clay with varying amounts of silt, sand, and gravel. Sand and gravel layers within the till are extremely thin or nonexistent. Small supplies of ground water are obtained from the upper portion of the bedrock and from intersecting fractures and bedding planes. The glacial till serves as a source of recharge to the underlying bedrock aquifer. Recharge is moderate to low because of the overlying glacial till and the clay and silty loam soils. Relief within this setting is moderate to steep. Depth to water is variable, ranging between 5 and 50 feet, but averages around 30 feet.



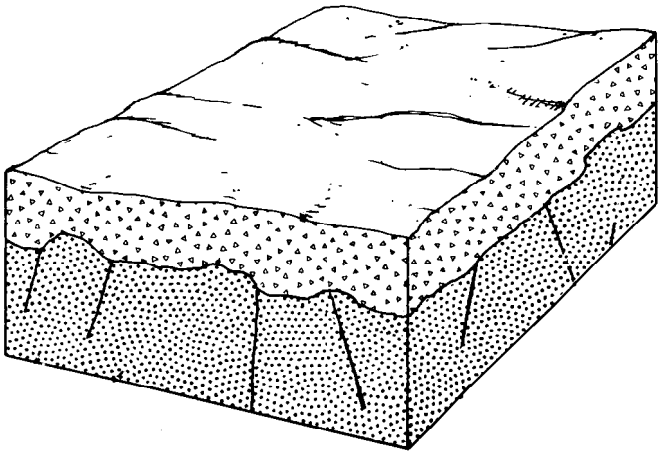
7Ab Glacial Till Over Outwash

This hydrogeologic setting is characterized by outwash materials which are covered by glacial till of varying thickness. This setting also includes ice-contact sands and gravels, kames, and kame-like features which may be covered by thin glacial till in some areas. The till consists primarily of clay with varying amounts of silt, sand, and gravel. Surficial deposits have weathered to clay or silty loams. Although ground water occurs in both the glacial till and in the underlying outwash, the outwash serves as the primary aquifer because the fine-grained deposits have been removed by glacial meltwater. The outwash is in direct hydraulic connection with the glacial till, and the till serves as a source of recharge for the underlying outwash. Recharge is moderate due to the relatively lower permeability of the glacial till. Depth to water is variable, depending in part on the thickness of the till, but averages around 30 feet. Relief within this setting is low except for the kames and kame-like features where relief is moderate to steep.



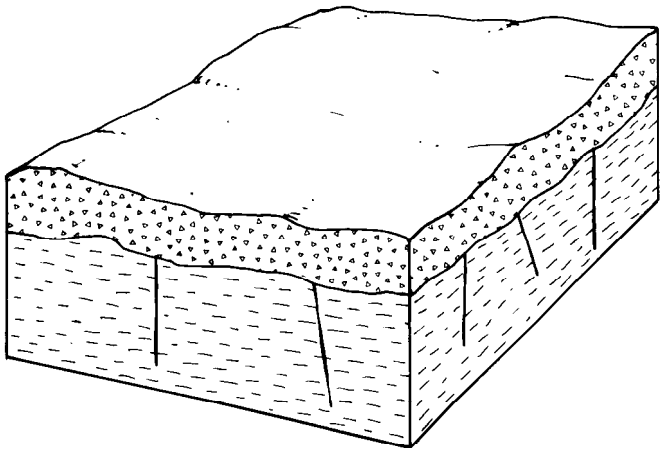
7Ac Glacial Till Over Limestone

This hydrogeologic setting is characterized by low to moderate relief and limestone or dolomite bedrock covered by varying thicknesses of glacial till. The till consists primarily of clay with varying amounts of silt, sand, and gravel. Sand and gravel layers within the till are extremely thin or nonexistent. Surficial deposits have usually weathered to a clay loam soil. Although ground water occurs in the glacial deposits, the limestone bedrock serves as the principal aquifer in this setting. Ground water occurs in fractures and solution channels, usually within the first several feet of the limestone. The limestone is in direct hydraulic connection with the glacial till, and precipitation infiltrating through the till serves as a source of recharge for the underlying limestone. Recharge is moderate because of the relatively lower permeability of the overlying till. Depth to water is extremely variable, depending in part on the thickness of the glacial till and presence of shale, but is usually moderately deep.



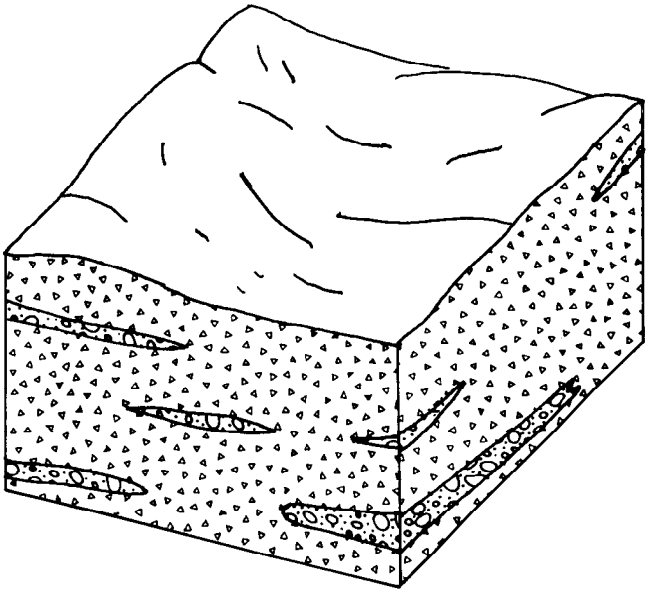
7Ad Glacial Till Over Sandstone

This hydrogeologic setting is characterized by relatively flat-lying, fractured sandstones with a thin covering of glacial till. The till is usually very thin or absent on steep slopes. Till consists primarily of clay with small amounts of silt, sand, and gravel and serves as a source of recharge for the underlying sandstone. Recharge is moderate due to the relatively lower permeability of the overlying glacial till and the steep relief. Ground water is obtained from the sandstone bedrock and occurs within pore spaces, fractures, and bedding planes. Soils are typically silty loams. Depth to water is extremely variable, depending in part on the thickness of the glacial till, but averages around 40 feet.



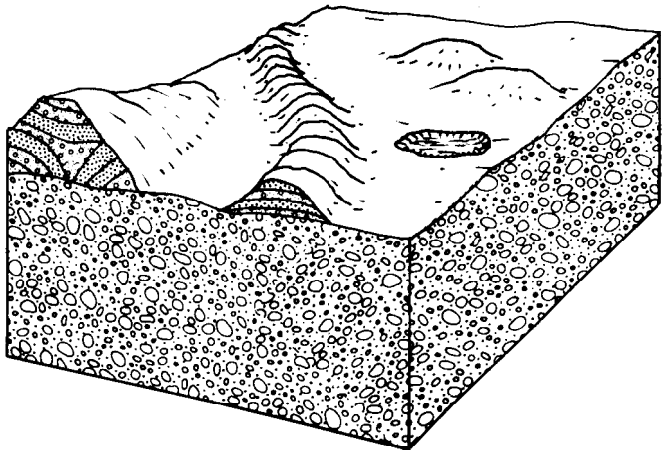
7Ae Glacial Till Over Shale

This hydrogeologic setting is characterized by low to moderate relief and deposits of glacial till overlying fractured, flat-lying shale bedrock. The till consists primarily of clay with varying amounts of sand, silt, and, gravel. Small supplies of ground water are obtained from the weathered, upper portion of the shale. In some small areas the aquifer is the more permeable limestone underlying the shale. Infiltration of precipitation through the till recharges the shale aquifer. Locally, only leakage through the shale recharges the limestone aquifer; however, regional recharge to the limestone may occur elsewhere. Soils are typically clay loams. Relief ranges from low to steep; however, the majority of the setting area is moderately rolling hills. Depth to water is typically fairly shallow except where wells are developed in the underlying limestone.



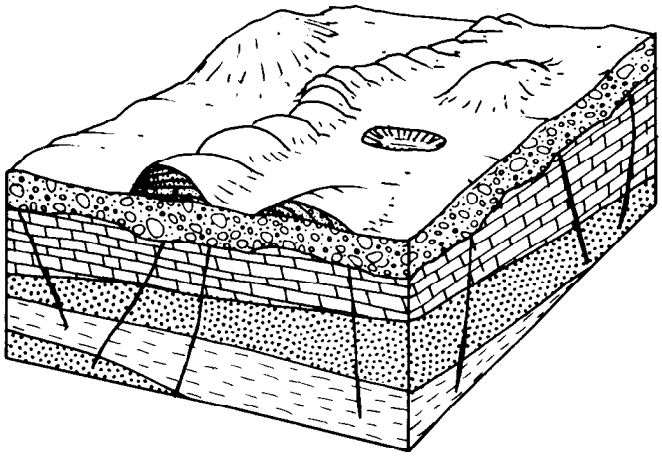
7Af Sand and Gravel Interbedded in Glacial Till

This hydrogeologic setting is characterized by low relief and sand and gravel deposits interbedded in glacial till. The till is composed primarily of clay with varying amounts of unsorted silt, sand, and gravel. The sand and gravel may be relatively thin and discontinuous, lens-shaped bodies, or thick layers which cover a large area. The thick units are usually confined to common horizons within the till. Ground water occurs in both the till and the sand and gravel; however, the sand and gravel serves as the principal aquifer. Recharge to the sand and gravel is primarily due to infiltration of precipitation through the till. Depth to water is highly variable, but averages around 30 feet. Soils are typically described as clay loams.



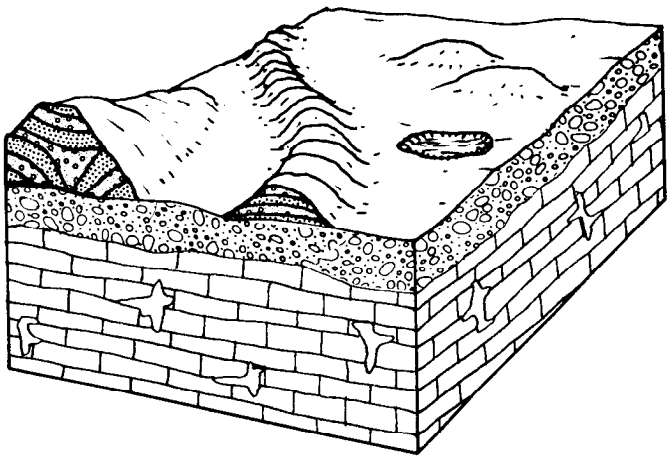
7Ba Outwash

This hydrogeologic setting is characterized by low to moderate relief and outwash overlying glacial till or fractured sedimentary bedrock. Outwash generally refers to water-lain or ice-contact deposits of sand and gravel. Kames and eskers represent typical ice-contact deposits occurring in this setting. A kame is an isolated hill or mound of stratified sediments which were deposited in an opening within or between ice blocks, or between ice blocks and valley walls. An esker is a sinuous or meandering ridge of well-sorted sands and gravels that are remnants of streams that flowed beneath and within the glaciers. These deposits may be in direct hydraulic connection with the underlying till or bedrock. The principal aquifer in this setting is sand and gravel. Recharge to the aquifer is moderate to high and is primarily due to precipitation infiltrating through the surficial deposits which may contain finer-grained sediments. Soils are highly variable, ranging from clay loams to gravels. Depth to water is variable, but averages around 20 feet.



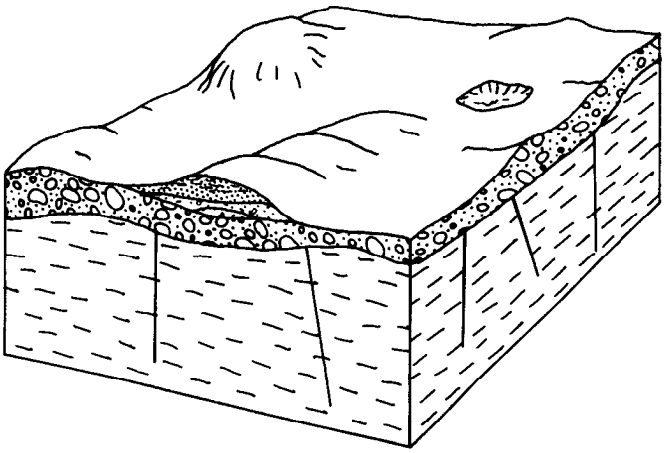
7Bb Outwash Over Bedded Sedimentary Rock

This hydrogeologic setting is characterized by relatively flat-lying, fractured sedimentary rocks consisting of bedded sandstone, shale, and limestone. These rocks are covered by a thin layer of glacial outwash. The outwash in this setting consists of sand and gravel with enough silt to prevent its use as an aquifer. Ground water is obtained from the upper, weathered portion of the bedrock and from fractures and bedding planes. Sandstone and limestone beds may serve as the aquifer if they are of substantial thickness and permeability. The outwash serves as a source of recharge for the underlying bedrock. Recharge is moderate to high. Depth to water is variable and depends in part on the thickness of the outwash, but usually averages around 40 feet. Soils are highly variable, ranging from clay loam to sand. Relief is also variable, ranging from low to steep.



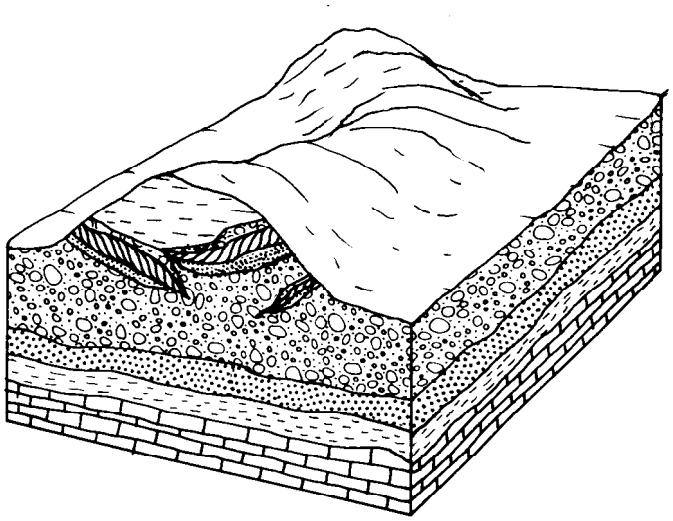
7Bc Outwash Over Limestone

This hydrogeologic setting is characterized by limestone bedrock which is covered by glacial outwash of varying thickness. The outwash in this setting consists of sand and gravel with enough silt to prevent its use as an aquifer, or the outwash is too thin to be developed. Recent alluvial deposits may exist over the outwash that borders present-day streams. Ground water is obtained from the limestone, usually from the upper, weathered and solutioned portion of the formation. The outwash serves as a source of recharge for the underlying limestone. Recharge is reduced where the outwash contains a larger percentage of fine-grained sediments. Soils are typically silty loams or loams. Relief varies from low to moderately steep. Depth to water is highly variable, depending in part on the thickness of the overlying outwash, but averages around 30 feet.



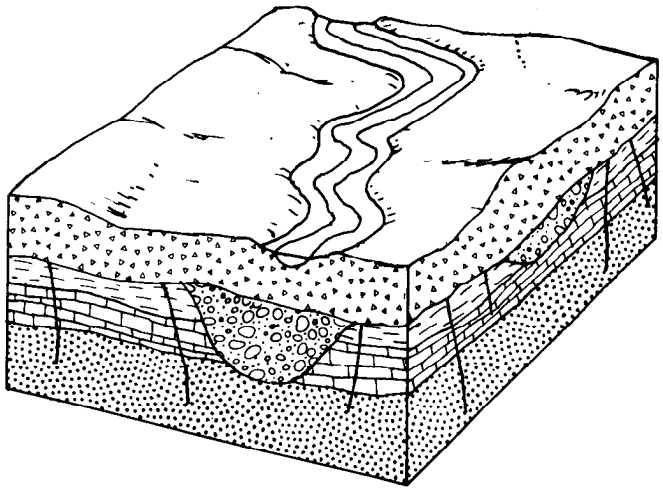
7Be Outwash Over Shale

This hydrogeologic setting is characterized by shale bedrock covered with outwash of varying thickness. In this setting, the overlying outwash is either too thin or contains too much silt to be used as an aquifer. Ground water is obtained from the upper, weathered portion of the shale. Recharge to the aquifer is from infiltration of precipitation through the overlying outwash. Recharge is variable, depending in part on the percentage of fine-grained sediments within the outwash. Soils range from clay loam to loam. Depth to water is fairly shallow, averaging around 20 feet. Relief is usually moderately steep.



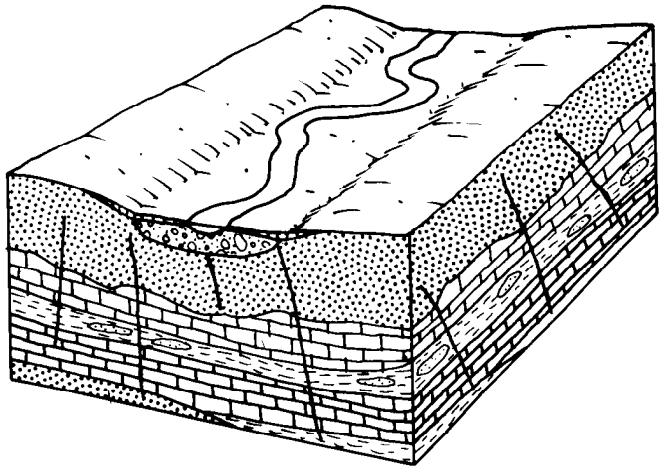
7C Moraine

This hydrogeologic setting is characterized by moderate to moderately steep relief and glacial deposits of varying thickness which overlie sedimentary bedrock. Moraines are typically mounds or ridges of till which were deposited along the margin of a stagnant or retreating glacier. This setting is similar to (7Ba) in that the sand and gravel within the morainal deposits may be well-sorted and serve as the principal aquifer in the area. These deposits also serve as a source of recharge for the underlying bedrock. Moraines also contain sediments that are typically unsorted and unstratified; these deposits contain more fines than outwash deposits, are less permeable, and are characteristic of glacial till. Surficial deposits often weather to a clay loam. Recharge is variable, depending in part on the percentage of fine-grained sediments within the moraine. Ground water levels are highly variable, based in part on the thickness of the glacial till, but are typically moderately deep.



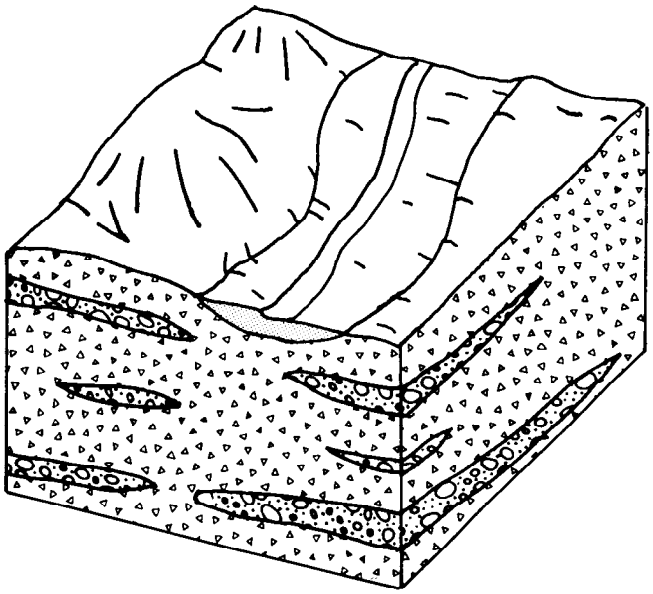
7D Buried Valley

This hydrogeologic setting is characterized by thick deposits of sand and gravel that have been deposited in a former topographic low (a pre-glacial or inter-glacial river valley) by glacial meltwaters. These deposits are usually capable of yielding large quantities of ground water. Buried valley deposits may or may not underlie a present-day stream and may or may not be in direct hydraulic connection with a stream. Glacial till or recent alluvium often overlies the buried valley. Usually the sand and gravel deposits are several times more permeable than the surrounding bedrock and till. Soils are highly variable, ranging from clay loams to gravel, but are typically silty loams. Ground water levels are typically shallow, but may be highly variable depending on surficial deposits. Recharge to the aquifer is moderate to high and can be attributed to infiltration of precipitation and to regional ground water flow from the surrounding till plains and bedrock. Hydraulic conductivities within this setting are highly variable, depending on the composition of the aquifer, but are typically high because of the removal of fines by glacial meltwaters.



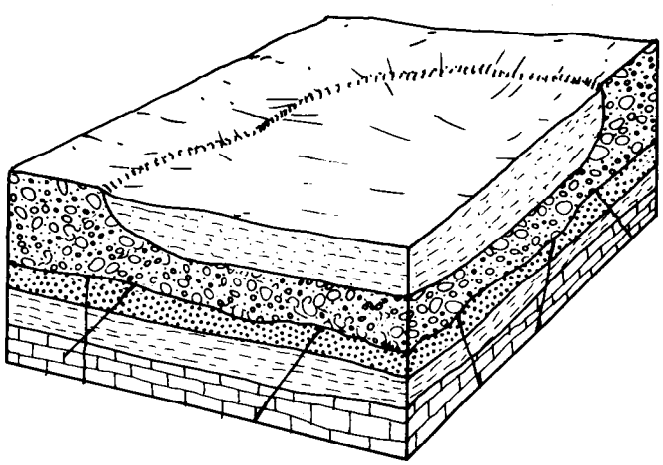
7Ec Alluvium Over Sedimentary Rock

This hydrogeologic setting is characterized by low relief with thin to moderate thicknesses of modern, stream-deposited alluvium. The alluvium is composed of silt, sand, gravel, and clay. Depth to water is shallow, and the stream is usually in hydraulic contact with the alluvial deposits. The alluvial deposits are underlain by fractured sandstone, limestone, shale, or bedded sedimentary sequences. These rocks are described in settings 7Ac, 7Ad, 7Ae, and 7G. Usually the upper, weathered portion of the bedrock serves as the principal aquifer in this setting. The alluvial deposits may serve as a source of recharge to the bedrock. Soils are typically silty loams.



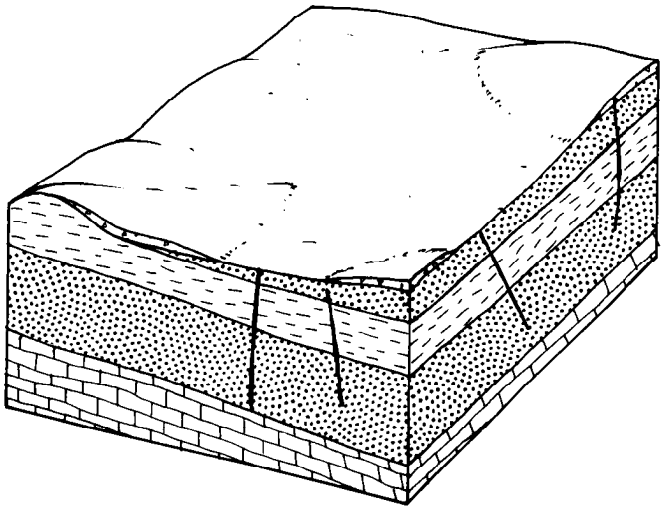
7Ed Alluvium Over Glacial Till

This hydrogeologic setting is characterized by low relief with thin to moderate thicknesses of modern, stream-deposited alluvium overlying glacial till. The alluvium is composed of silt, sand, gravel, and clay. The underlying sand and gravel lenses within the till serve as the aquifer. The depth to the water table is shallow, and the stream is usually in hydraulic connection with the alluvial deposits. Soils are typically classified as silty loams. The underlying till is described in setting 7Af. The alluvial deposits serve as a source of recharge for the sand and gravel lenses within the till. Recharge is moderately high.



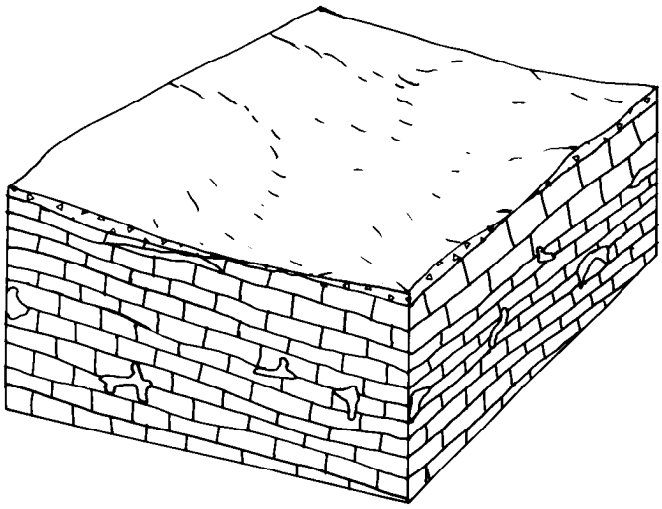
7F Glacial Lake Deposits

This hydrogeologic setting is characterized by low relief and varying thicknesses of fine-grained sediments overlying glacial till or sedimentary bedrock. The sediments are composed of silt and clay interbedded with fine sand which settled out in a glacial lake environment. The vertical and horizontal permeabilities differ substantially as a consequence of the thin, alternating lake sediment layers. The horizontal permeability is usually several times greater than the vertical. Sand and gravel deposits within the underlying till or the upper portions of the bedrock serve as the major source of ground water. Infiltration of precipitation through the fine-grained sediments recharges the underlying aquifers. Surficial deposits typically weather to organic-rich, high shrink/swell clay soils. Depth to water is highly variable, depending in part on the thickness of the lake sediments, but is usually fairly shallow.



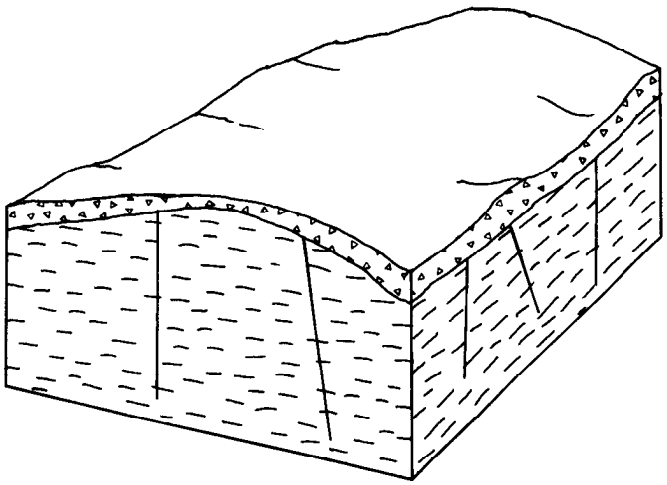
7G Thin Till Over Bedded Sedimentary Rocks

This hydrogeologic setting is characterized by thin deposits of glacial till overlying alternating layers of fractured sandstone, limestone, and shale. The till and soil are usually very thin or absent in areas of steep relief. The till consists primarily of clay with little, if any, sand and gravel and does not serve as a source of water. Small supplies of ground water are obtained from the upper, weathered portion of the bedrock or from intersecting fractures and bedding planes. Sandstone or limestone beds may yield some ground water if they are of substantial thickness and permeability. Recharge is generally low due to the steep relief and restrictive shale layers. Depth to water is highly variable, but averages around 30 feet. Perched ground water zones of local, domestic importance are often developed in areas of substantial relief.



7Gb Thin Till Over Limestone

This hydrogeologic setting is characterized by thin deposits of glacial till overlying limestone bedrock. In some areas the limestone is directly overlain by shale. The till and soil are usually very thin or absent in areas of steep relief. Till consists primarily of clay with little, if any, sand and gravel and does not serve as a source of water. Ground water is obtained from the upper, weathered, and solutioned portion of the limestone. Recharge is generally low due to the steep relief and the presence of restrictive shale. Depth to water is fairly shallow where the shale is absent, but deepens with increased thickness of shale.



7Gc Thin Till Over Shale

This hydrogeologic setting is characterized by thin deposits of glacial till overlying shale bedrock. The till and soil is usually very thin or absent on the typically steep slopes. Small supplies of ground water are obtained from the upper, weathered portion of the shale bedrock. Recharge is generally low due to the steep relief and the low permeability of the shale. Depth to water is fairly shallow, averaging around 25 feet.

APPENDIX C

DESCRIPTION OF HYDROGEOLOGIC SETTINGS AND CHARTS FOR PESTICIDE DRASTIC

TABLE 12. HYDROGEOLOGIC SETTINGS MAPPED IN ROSS COUNTY, OHIO, FOR PESTICIDE DRASTIC

Hydrogeologic Settings	Range of GWPP Indexes	Number of Index Calculations
6Da - Alternating Sandstone, Limestone and Shale - Thin Soil	88-178	36
6Fa - River Alluvium with Overbank Deposits	107-159	19
6L - Shale	71-132	14
6M - Sandstone	84-150	16
7Aa - Glacial Till over Bedded Sedimentary Rocks	84-145	42
7Ab - Glacial Till over Outwash	140-170	4
7Ac - Glacial Till over Limestone	80-167	39
7Ad - Glacial Till over Sandstone	104-134	4
7Ae - Glacial Till over Shale	71-142	57
7Af - Sand & Gravel Interbedded in Glacial Till	99-173	26
7Ba - Outwash	138-183	18
7Bb - Outwash over Bedded Sedimentary Rocks	98-158	32
7Bc - Outwash over Limestone	105-179	25
7Be - Outwash over Shale	89-165	25
7C - Moraine	86-154	48
7D - Buried Valley	79-235	267
7Ec - Alluvium over Sedimentary Rocks	105-178	45
7Ed - Alluvium over Glacial Till	141-194	32
7F - Glacial Lake Deposits	111-180	23
7G - Thin Till over Bedded Sedimentary Rocks	123-177	11
7Gb - Thin Till over Limestone	103-147	3
7Gc - Thin Till over Shale	102-140	11

The following information provides a listing of the charts for each unique combination of pesticide pollution potential indexes calculated for each setting. The charts provide information on how the pesticide ground water pollution potential index was derived and are a quick and easy reference for the accompanying pesticide ground water pollution potential map. A complete discussion of the rating

and evaluation of each factor in the hydrogeologic settings is provided in Appendix A, Description of the Logic in Factor Selection.

Ross County is divided into 22 hydrogeologic settings, 18 of which are part of the Glaciated Central Region, and 4 of which are part of the Non-Glaciated Central Region (Aller et al., 1987). The list of these settings, the range of pesticide pollution potential index calculations, and the number of pollution potential index calculations for each setting are provided in Table 12. Computed pesticide pollution potential index values range from 71 to 235.

Setting: 7Aa1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	122

Setting: 7Aa2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	107

Setting: 7Aa3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	89

Setting: 7Aa4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	116

Setting: 7Aa5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Bedded SS, LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	91

Setting: 7Aa6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	83

Setting: 7Aa7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	117

Setting: 7Aa8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Bedded SS, LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	75

Setting: 7Aa9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	90

Setting: 7Aa10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	85

Setting: 7Aa11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	81

Setting: 7Aa12		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Bedded SS, LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	85

Setting: 7Aa13		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Bedded SS, LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	82

Setting: 7Aa14		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Bedded SS, LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	77

Setting: 7Aa15		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	112

Setting: 7Aa16		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	96

Setting: 7Aa17		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	94

Setting: 7Aa18		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	88

Setting: 7Aa19		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	93

Setting: 7Aa20		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	89

Setting: 7Aa21		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Bedded SS, LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	83

Setting: 7Aa22		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Bedded SS, LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	81

Setting: 7Aa23		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	98

Setting: 7Aa24		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	83

Setting: 7Aa25		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	87

Setting: 7Aa26		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Loam	2	5	10
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	107

Setting: 7Aa27		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	85

Setting: 7Aa28		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	91

Setting: 7Aa29		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	107

Setting: 7Aa30		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Loam	2	5	10
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	81

Setting: 7Aa31		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	91

Setting: 7Aa32		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	79

Setting: 7Aa33		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Bedded SS, LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	94

Setting: 7Aa34		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	108

Setting: 7Aa35		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Bedded SS, LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	98

Setting: 7Aa36		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	87

Setting: 7Aa37		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	100

Setting: 7Aa38		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	91

Setting: 7Aa39		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	89

Setting: 7Aa40		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	110

Setting: 7Aa41		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Bedded SS, LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	88

Setting: 7Aa42		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Loam	2	5	10
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	93

Setting: 7Ab1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	149

Setting: 7Ab2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	151

Setting: 7Ab3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	141

Setting: 7Ab4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	137

Setting: 7Ac1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	111

Setting: 7Ac2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	116

Setting: 7Ac3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	106

Setting: 7Ac4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	115

Setting: 7Ac5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	101

Setting: 7Ac6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	131

Setting: 7Ac7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	105

Setting: 7Ac8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	97

Setting: 7Ac9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	120

Setting: 7Ac10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	121

Setting: 7Ac11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	88

Setting: 7Ac12		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	0-2	4	1	4
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	70

Setting: 7Ac13		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	89

Setting: 7Ac14		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	84

Setting: 7Ac15		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	0-2	4	1	4
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	66

Setting: 7Ac16		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	126

Setting: 7Ac17		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	102

Setting: 7Ac18		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	145

Setting: 7Ac19		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	72

Setting: 7Ac20		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	75-100	5	2	10
Net Recharge	0-2	4	1	4
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	63

Setting: 7Ac21		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	144

Setting: 7Ac22		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	80

Setting: 7Ac23		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	82

Setting: 7Ac24		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Limestone	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	99

Setting: 7Ac25		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Limestone	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	105

Setting: 7Ac26		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Limestone	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	97

Setting: 7Ac27		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	91

Setting: 7Ac28		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	76

Setting: 7Ac29		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	75-100	5	2	10
Net Recharge	0-2	4	1	4
Aquifer Media	Limestone	3	5	15
Soil Media	Sandy Loam	2	6	12
Topography	12-18%	1	3	3
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	65

Setting: 7Ac30		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	121

Setting: 7Ac31		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	115

Setting: 7Ac32		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	74

Setting: 7Ac33		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	90

Setting: 7Ac34		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	111

Setting: 7Ac35		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	128

Setting: 7Ac36		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Limestone	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	99

Setting: 7Ac37		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	86

Setting: 7Ac38		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	123

Setting: 7Ac39		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	135

Setting: 7Ad1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Sandstone	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	109

Setting: 7Ad2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Sandstone	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	97

Setting: 7Ad3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Sandstone	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	107

Setting: 7Ad4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sandstone	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	99

Setting: 7Ae1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	103

Setting: 7Ae2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	99

Setting: 7Ae3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	85

Setting: 7Ae4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	104

Setting: 7Ae5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	119

Setting: 7Ae6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	118

Setting: 7Ae7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Loam	2	5	10
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	118

Setting: 7Ae8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	74

Setting: 7Ae9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	78

Setting: 7Ae10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	72

Setting: 7Ae11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Sitly Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	116

Setting: 7Ae12		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	87

Setting: 7Ae13		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	70

Setting: 7Ae14		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	82

Setting: 7Ae15		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	74

Setting: 7Ae16		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	78

Setting: 7Ae17		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	83

Setting: 7Ae18		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	69

Setting: 7Ae19		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	107

Setting: 7Ae20		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	101

Setting: 7Ae21		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	75

Setting: 7Ae22		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	114

Setting: 7Ae23		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	104

Setting: 7Ae24		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	72

Setting: 7Ae25		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	82

Setting: 7Ae26		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	100

Setting: 7Ae27		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	106

Setting: 7Ae28		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Loam	2	5	10
Topography	2-6%	1	9	9
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	72

Setting: 7Ae29		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	62

Setting: 7Ae30		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	66

Setting: 7Ae31		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	115

Setting: 7Ae32		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	68

Setting: 7Ae33		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	114

Setting: 7Ae34		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	74

Setting: 7Ae35		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	65

Setting: 7Ae36		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	67

Setting: 7Ae37		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Shrink/Swell Clay	2	7	14
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	86

Setting: 7Ae38		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	80

Setting: 7Ae39		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	82

Setting: 7Ae40		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	86

Setting: 7Ae41		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	77

Setting: 7Ae42		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	87

Setting: 7Ae43		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	70

Setting: 7Ae44		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Loam	2	5	10
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	89

Setting: 7Ae45		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	109

Setting: 7Ae46		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	67

Setting: 7Ae47		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	79

Setting: 7Ae48		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Loam	2	5	10
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	109

Setting: 7Ae49		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	75

Setting: 7Ae50		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	79

Setting: 7Ae51		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	97

Setting: 7Ae52		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	100+	5	1	5
Net Recharge	0-2	4	1	4
Aquifer Media	Limestone	3	5	15
Soil Media	Silt Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	63

Setting: 7Ae53		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	77

Setting: 7Ae54		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Loam	2	5	10
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	79

Setting: 7Ae55		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	85

Setting: 7Ae56		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	89

Setting: 7Ae57		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	113

Setting: 7Af1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	115

Setting: 7Af2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	124

Setting: 7Af3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	125

Setting: 7Af4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	114

Setting: 7Af5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP		125

Setting: 7Af6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	135

Setting: 7Af7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	135

Setting: 7Af8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	145

Setting: 7Af9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	140

Setting: 7Af10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	0-5	5	10	50
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	153

Setting: 7Af11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	120

Setting: 7Af12		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	134

Setting: 7Af13		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Sand	2	9	18
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	140

Setting: 7Af14		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	139

Setting: 7Af15		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	129

Setting: 7Af16		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	120

Setting: 7Af17		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	130

Setting: 7Af18		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	115

Setting: 7Af19		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	127

Setting: 7Af20		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	125

Setting: 7Af21		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	91

Setting: 7Af22		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	107

Setting: 7Af23		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	117

Setting: 7Af24		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	122

Setting: 7Af25		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	135

Setting: 7Af26		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	134

Setting: 7Ba1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	151

Setting: 7Ba2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Loam	2	5	10
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-100	3	6	18
		GWPP	INDEX	153

Setting: 7Ba3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	139

Setting: 7Ba4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Loam	2	5	10
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-100	3	6	18
		GWPP	INDEX	141

Setting: 7Ba5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Loam	2	5	10
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	151

Setting: 7Ba6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	155

Setting: 7Ba7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	149

Setting: 7Ba8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Gravel	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	151

Setting: 7Ba9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	148

Setting: 7Ba10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	143

Setting: 7Ba11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	137

Setting: 7Ba12		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	151

Setting: 7Ba13		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Gravel	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	161

Setting: 7Ba14		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	146

Setting: 7Ba15		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	151

Setting: 7Ba16		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	150

Setting: 7Ba17		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	145

Setting: 7Ba18		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	144

Setting: 7Bb1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	110

Setting: 7Bb2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	103

Setting: 7Bb3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	136

Setting: 7Bb4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	110

Setting: 7Bb5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Loam	2	5	10
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	91

Setting: 7Bb6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	108

Setting: 7Bb7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Loam	2	5	10
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	101

Setting: 7Bb8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	99

Setting: 7Bb9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	107

Setting: 7Bb10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	105

Setting: 7Bb11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Loam	2	5	10
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	115

Setting: 7Bb12		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	113

Setting: 7Bb13		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	115

Setting: 7Bb14		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	108

Setting: 7Bb15		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Loam	2	5	10
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	128

Setting: 7Bb16		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	109

Setting: 7Bb17		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Sand	2	9	18
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	121

Setting: 7Bb18		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	111

Setting: 7Bb19		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	119

Setting: 7Bb20		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Loam	2	5	10
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	105

Setting: 7Bb21		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	115

Setting: 7Bb22		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	106

Setting: 7Bb23		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	118

Setting: 7Bb24		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	108

Setting: 7Bb25		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	4-7	4	6	24
Aquifer Media	edded Sandstone , Limestone, Sha	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	98

Setting: 7Bb26		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Loam	2	5	10
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	117

Setting: 7Bb27		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	97

Setting: 7Bb28		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Grave w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	118

Setting: 7Bb29		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	120

Setting: 7Bb30		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Shrink/Swell Clay	2	7	14
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	125

Setting: 7Bb31		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	89

Setting: 7Bb32		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	116

Setting: 7Bc1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	102

Setting: 7Bc2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Loam	2	5	10
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	106

Setting: 7Bc3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	98

Setting: 7Bc4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	112

Setting: 7Bc5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	94

Setting: 7Bc6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	118

Setting: 7Bc7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	123

Setting: 7Bc8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Loam	2	5	10
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	120

Setting: 7Bc9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	116

Setting: 7Bc10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	146

Setting: 7Bc11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	114

Setting: 7Bc12		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	136

Setting: 7Bc13		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Loam	2	5	10
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	133

Setting: 7Bc14		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	133

Setting: 7Bc15		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	141

Setting: 7Bc16		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	151

Setting: 7Bc17		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	7	35
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	153

Setting: 7Bc18		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	7	35
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	143

Setting: 7Bc19		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	136

Setting: 7Bc20		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Loam	2	5	10
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	128

Setting: 7Bc21		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	135

Setting: 7Bc22		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	131

Setting: 7Bc23		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Loam	2	5	10
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	131

Setting: 7Bc24		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	128

Setting: 7Bc25		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	156

Setting: 7Be1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	82

Setting: 7Be2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	110

Setting: 7Be3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Loam	2	5	10
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	94

Setting: 7Be4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	90

Setting: 7Be5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	80

Setting: 7Be6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Loam	2	5	10
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	84

Setting: 7Be7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	134

Setting: 7Be8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	112

Setting: 7Be9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	128

Setting: 7Be10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	96

Setting: 7Be11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	108

Setting: 7Be12		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Loam	2	5	10
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	116

Setting: 7Be13		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	88

Setting: 7Be14		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Loam	2	5	10
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	106

Setting: 7Be15		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	109

Setting: 7Be16		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Loam	2	5	10
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	104

Setting: 7Be17		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	105

Setting: 7Be18		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Loam	2	5	10
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	114

Setting: 7Be19		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	92

Setting: 7Be20		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	143

Setting: 7Be21		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	117

Setting: 7Be22		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Shale	3	2	6
Soil Media	Loam	2	5	10
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	140

Setting: 7Be23		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	125

Setting: 7Be24		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	109

Setting: 7Be25		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Shrink/Swell Clay	2	7	14
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	115

Setting: 7C1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	85

Setting: 7C2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	77

Setting: 7C3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	87

Setting: 7C4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	83

Setting: 7C5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	132

Setting: 7C6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	79

Setting: 7C7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	97

Setting: 7C8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	121

Setting: 7C9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	100

Setting: 7C10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	89

Setting: 7C11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	135

Setting: 7C12		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	120

Setting: 7C13		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	95

Setting: 7C14		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	99

Setting: 7C15		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	83

Setting: 7C16		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	119

Setting: 7C17		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	104

Setting: 7C18		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	85

Setting: 7C19		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	99

Setting: 7C20		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	101

Setting: 7C21		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	94

Setting: 7C22		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	88

Setting: 7C23		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	100

Setting: 7C24		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	115

Setting: 7C25		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	120

Setting: 7C26		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	124

Setting: 7C27		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	109

Setting: 7C28		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	2-4	4	3	12
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	91

Setting: 7C29		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	75-100	5	2	10
Net Recharge	2-4	4	3	12
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	92

Setting: 7C30		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	115

Setting: 7C31		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	121

Setting: 7C32		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	89

Setting: 7C33		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	116

Setting: 7C34		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	123

Setting: 7C35		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	108

Setting: 7C36		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	104

Setting: 7C37		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	109

Setting: 7C38		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	107

Setting: 7C39		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	100

Setting: 7C40		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	124

Setting: 7C41		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	106

Setting: 7C42		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	112

Setting: 7C43		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	110

Setting: 7C44		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	128

Setting: 7C45		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	91

Setting: 7C46		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	135

Setting: 7C47		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS, LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Bedded SS, LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	96

Setting: 7C48		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	118

Setting: 7D1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	189

Setting: 7D2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	191

Setting: 7D3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	185

Setting: 7D4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	173

Setting: 7D5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	125

Setting: 7D6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	135

Setting: 7D7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	145

Setting: 7D8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	125

Setting: 7D9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	115

Setting: 7D10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	2-4	4	3	12
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	93

Setting: 7D11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	2-4	4	3	12
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	103

Setting: 7D12		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	183

Setting: 7D13		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	189

Setting: 7D14		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	179

Setting: 7D15		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	180

Setting: 7D16		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	175

Setting: 7D17		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	163

Setting: 7D18		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	165

Setting: 7D19		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	185

Setting: 7D20		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	194

Setting: 7D21		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	192

Setting: 7D22		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	184

Setting: 7D23		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	182

Setting: 7D24		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	143

Setting: 7D25		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	132

Setting: 7D26		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	163

Setting: 7D27		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	161

Setting: 7D28		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	142

Setting: 7D29		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	142

Setting: 7D30		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	172

Setting: 7D31		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	148

Setting: 7D32		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	127

Setting: 7D33		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	4-7	4	3	12
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	113

Setting: 7D34		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	140

Setting: 7D35		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	4-7	4	3	12
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	118

Setting: 7D36		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	75-100	5	2	10
Net Recharge	4-7	4	3	12
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP		113

Setting: 7D37		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	140

Setting: 7D38		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	4-7	4	3	12
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	94

Setting: 7D39		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	115

Setting: 7D40		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	116

Setting: 7D41		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	106

Setting: 7D42		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	125

Setting: 7D43		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	LImestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	126

Setting: 7D44		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	131

Setting: 7D45		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	115

Setting: 7D46		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	124

Setting: 7D47		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	120

Setting: 7D48		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	134

Setting: 7D49		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	111

Setting: 7D50		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	130

Setting: 7D51		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	123

Setting: 7D52		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	101

Setting: 7D53		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	146

Setting: 7D54		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	136

Setting: 7D55		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	136

Setting: 7D56		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	111

Setting: 7D57		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	122

Setting: 7D58		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	143

Setting: 7D59		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	161

Setting: 7D60		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	155

Setting: 7D61		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	121

Setting: 7D62		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	137

Setting: 7D63		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Loam	2	5	10
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	163

Setting: 7D64		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	146

Setting: 7D65		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	156

Setting: 7D66		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	158

Setting: 7D67		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	118

Setting: 7D68		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	141

Setting: 7D69		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	6-12	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	171

Setting: 7D70		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	118

Setting: 7D71		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	165

Setting: 7D72		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	170

Setting: 7D73		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	166

Setting: 7D74		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	164

Setting: 7D75		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	184

Setting: 7D76		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	178

Setting: 7D77		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	113

Setting: 7D78		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	103

Setting: 7D79		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	171

Setting: 7D80		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	179

Setting: 7D81		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	173

Setting: 7D82		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	180

Setting: 7D83		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	186

Setting: 7D84		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	182

Setting: 7D85		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	177

Setting: 7D86		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	178

Setting: 7D87		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	170

Setting: 7D88		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	148

Setting: 7D89		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	157

Setting: 7D90		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	146

Setting: 7D91		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	172

Setting: 7D92		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Shrink/Swell Clay	2	7	14
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	175

Setting: 7D93		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	127

Setting: 7D94		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	125

Setting: 7D95		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	129

Setting: 7D96		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	124

Setting: 7D97		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	130

Setting: 7D98		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	144

Setting: 7D99		**GENERAL**		
FEATURE	RANGE	6	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	136

Setting: 7D100		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	101

Setting: 7D101		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	73

Setting: 7D102		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Shrink/Swell Clay	2	7	14
Topography	2-6%	1	9	9
Impact of Vadose Zone	Silt and Clay	5	5	25
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	146

Setting: 7D103		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	83

Setting: 7D104		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	132

Setting: 7D105		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Loam	2	5	10
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	143

Setting: 7D106		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Shrink/Swell Clay	2	7	14
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP		113

Setting: 7D107		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	146

Setting: 7D108		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Shrink/Swell Clay	2	7	14
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	139

Setting: 7D109		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	144

Setting: 7D110		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	133

Setting: 7D111		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	173

Setting: 7D112		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	101

Setting: 7D113		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	133

Setting: 7D114		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	143

Setting: 7D115		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	141

Setting: 7D116		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	156

Setting: 7D117		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	101

Setting: 7D118		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	168

Setting: 7D119		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	159

Setting: 7D120		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	174

Setting: 7D121		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	139

Setting: 7D122		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	143

Setting: 7D123		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Loam	2	5	10
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	133

Setting: 7D124		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	2-6	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	162

Setting: 7D125		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	134

Setting: 7D126		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	134

Setting: 7D127		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	136

Setting: 7D128		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	161

Setting: 7D129		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	153

Setting: 7D130		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	126

Setting: 7D131		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	140

Setting: 7D132		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	144

Setting: 7D133		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	162

Setting: 7D134		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	166

Setting: 7D135		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	162

Setting: 7D136		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	158

Setting: 7D137		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Loam	2	5	10
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	158

Setting: 7D138		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	166

Setting: 7D139		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Silt and Clay	5	5	25
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	136

Setting: 7D140		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	168

Setting: 7D141		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Sand	2	9	18
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	180

Setting: 7D142		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	151

Setting: 7D143		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	94

Setting: 7D144		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	164

Setting: 7D145		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	148

Setting: 7D146		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	140

Setting: 7D147		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Loam	2	5	10
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	133

Setting: 7D148		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and clay	5	5	25
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	158

Setting: 7D149		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Shrink/Swell Clay	2	7	14
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	135

Setting: 7D150		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	9	45
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	177

Setting: 7D151		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	9	45
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	187

Setting: 7D152		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	9	45
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	197

Setting: 7D153		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	9	45
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	199

Setting: 7D154		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	187

Setting: 7D155		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Sand	2	9	18
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	202

Setting: 7D156		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	180

Setting: 7D157		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	170

Setting: 7D158		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	160

Setting: 7D159		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	9	45
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	167

Setting: 7D160		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	140

Setting: 7D161		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	142

Setting: 7D162		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	2-4	4	3	12
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	108

Setting: 7D163		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	75-100	5	2	10
Net Recharge	2-4	4	3	12
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	103

Setting: 7D164		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Loam	2	5	10
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	161

Setting: 7D165		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	141

Setting: 7D166		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Loam	2	5	10
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	124

Setting: 7D167		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	127

Setting: 7D168		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	151

Setting: 7D169		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	169

Setting: 7D170		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	9	45
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	189

Setting: 7D171		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	174

Setting: 7D172		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	0-2%^	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	169

Setting: 7D173		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	141

Setting: 7D174		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	167

Setting: 7D175		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	178

Setting: 7D176		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	179

Setting: 7D177		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	168

Setting: 7D178		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	75-100	5	2	10
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Sand	2	9	18
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	159

Setting: 7D179		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	154

Setting: 7D180		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	177

Setting: 7D181		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	157

Setting: 7D182		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	159

Setting: 7D183		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	154

Setting: 7D184		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	144

Setting: 7D185		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	171

Setting: 7D186		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	169

Setting: 7D187		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	161

Setting: 7D188		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	161

Setting: 7D189		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	162

Setting: 7D190		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	75-100	5	2	10
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	139

Setting: 7D191		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	175

Setting: 7D192		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	164

Setting: 7D193		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	159

Setting: 7D194		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Loam	2	5	10
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	159

Setting: 7D195		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	150

Setting: 7D196		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	195

Setting: 7D197		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	0-5	5	10	50
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	192

Setting: 7D198		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	144

Setting: 7D199		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	116

Setting: 7D200		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	120

Setting: 7D201		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	139

Setting: 7D202		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	126

Setting: 7D203		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	142

Setting: 7D204		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	158

Setting: 7D205		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	160

Setting: 7D206		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	172

Setting: 7D207		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	159

Setting: 7D208		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	147

Setting: 7D209		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	9	27
Soil Media	Sand	2	9	18
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	9	45
Hydraulic Conductivity	2000+	3	10	30
		GWPP	INDEX	207

Setting: 7D210		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Loam	2	5	10
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	131

Setting: 7D111		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	161

Setting: 7D212		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Sitly Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	143

Setting: 7D213		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	140

Setting: 7D214		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	147

Setting: 7D215		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	132

Setting: 7D216		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	131

Setting: 7D217		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Loam	2	5	10
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	134

Setting: 7D218		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	137

Setting: 7D219		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	126

Setting: 7D220		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	132

Setting: 7D221		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	2-4	4	3	12
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	104

Setting: 7D222		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	142

Setting: 7D223		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	152

Setting: 7D224		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	142

Setting: 7D225		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	147

Setting: 7D226		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	138

Setting: 7D227		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	147

Setting: 7D228		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	136

Setting: 7D229		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	148

Setting: 7D230		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	152

Setting: 7D231		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	138

Setting: 7D232		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	148

Setting: 7D233		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Gravel	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	132

Setting: 7D234		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	162

Setting: 7D235		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	157

Setting: 7D236		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Gravel	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	169

Setting: 7D237		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Gravel	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	151

Setting: 7D238		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	139

Setting: 7D239		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	157

Setting: 7D240		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	120

Setting: 7D241		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	139

Setting: 7D242		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	135

Setting: 7D243		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	139

Setting: 7D244		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	149

Setting: 7D245		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	130

Setting: 7D246		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	125

Setting: 7D247		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	2-4	4	3	12
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Loam	2	5	10
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	103

Setting: 7D248		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	133

Setting: 7D249		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	137

Setting: 7D250		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	0-5	5	10	50
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	174

Setting: 7D251		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	2-4	4	3	12
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Loam	2	5	10
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	108

Setting: 7D252		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	138

Setting: 7D253		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	1000-2000	3	8	24
		GWPP	INDEX	160

Setting: 7D254		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	131

Setting: 7D255		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Loam	2	5	10
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	129

Setting: 7D256		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	137

Setting: 7D257		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	108

Setting: 7D258		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5–15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	161

Setting: 7D259		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel	5	7	35
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	129

Setting: 7D260		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Loam	2	5	10
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	117

Setting: 7D261		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	128

Setting: 7D262		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	120

Setting: 7D263		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	edded Sandstone, Limestone, Shal	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	130

Setting: 7D264		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	131

Setting: 7D265		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Silt and Clay	5	5	25
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	151

Setting: 7Ec1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	144

Setting: 7Ec2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	131

Setting: 7Ec3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Loam	2	5	10
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	135

Setting: 7Ec4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	136

Setting: 7Ec5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	146

Setting: 7Ec6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	7	35
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	151

Setting: 7Ec7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	7	35
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	140

Setting: 7Ec8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	120

Setting: 7Ec9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	111

Setting: 7Ec10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loal	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	126

Setting: 7Ec11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	132

Setting: 7Ec12		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	110

Setting: 7Ec13		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Silt and Clay	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	89

Setting: 7Ec14		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	115

Setting: 7Ec15		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	121

Setting: 7Ec16		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	114

Setting: 7Ec17		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	118

Setting: 7Ec18		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	119

Setting: 7Ec19		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	116

Setting: 7Ec20		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	3	12
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	98

Setting: 7Ec21		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	124

Setting: 7Ec22		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	130

Setting: 7Ec23		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	124

Setting: 7Ec24		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Till	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	87

Setting: 7Ec25		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	`	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	123

Setting: 7Ec26		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	130

Setting: 7Ec27		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sandstone	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	122

Setting: 7Ec28		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	126

Setting: 7Ec29		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	129

Setting: 7Ec30		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Loam	2	5	10
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	117

Setting: 7Ec31		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	120

Setting: 7Ec32		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	115

Setting: 7Ec33		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	127

Setting: 7Ec34		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Shrink/Swell Clay	2	7	14
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	135

Setting: 7Ec35		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	134

Setting: 7Ec36		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	125

Setting: 7Ec37		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sandstone	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	122

Setting: 7Ec38		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded Sandstone, Limeston, Shal	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	125

Setting: 7Ec39		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	113

Setting: 7Ec4 0		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	120

Setting: 7Ec41		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	108

Setting: 7Ec42		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	111

Setting: 7Ec43		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	156

Setting: 7Ec44		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel	5	8	40
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	146

Setting: 7Ec45		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Till	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	105

Setting: 7Ed1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	135

Setting: 7Ed2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	161

Setting: 7Ed3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	157

Setting: 7Ed4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	0-5	5	10	50
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Loam	2	5	10
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	162

Setting: 7Ed5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	145

Setting: 7Ed6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	151

Setting: 7Ed7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	141

Setting: 7Ed8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	155

Setting: 7Ed9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	117

Setting: 7Ed10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	131

Setting: 7Ed11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	140

Setting: 7Ed12		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	154

Setting: 7Ed13		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	156

Setting: 7Ed14		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	7	14
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	132

Setting: 7Ed15		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Sitly Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	139

Setting: 7Ed16		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Silt and Clay	5	5	25
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	146

Setting: 7Ed17		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	151

Setting: 7Ed18		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	148

Setting: 7Ed19		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	149

Setting: 7Ed20		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	141

Setting: 7Ed21		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Loam	2	5	10
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	132

Setting: 7Ed22		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	7	21
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	145

Setting: 7Ed23		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	132

Setting: 7Ed24		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	138

Setting: 7Ed25		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	137

Setting: 7Ed26		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	143

Setting: 7Ed27		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	139

Setting: 7Ed28		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	140

Setting: 7Ed29		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	143

Setting: 7Ed30		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	148

Setting: 7Ed31		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	147

Setting: 7Ed32		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	7-10	4	8	32
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Sand	2	9	18
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	155

Setting: 7F1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	75-100	5	2	10
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Sitly Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and C lay	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	98

Setting: 7F2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	103

Setting: 7F3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	111

Setting: 7F4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Silt Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	104

Setting: 7F5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Sitly Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	116

Setting: 7F6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	122

Setting: 7F7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Shrink/Swell Clay	2	7	14
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	112

Setting: 7F8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Shrink/Swell Clay	2	7	14
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	116

Setting: 7F9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Shrink/Swell Clay	2	7	14
Topography	12-18%	1	3	3
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	93

Setting: 7F10		**GENERAL**		
FEATURE	RANGE	7	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	105

Setting: 7F11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	135

Setting: 7F12		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	124

Setting: 7F13		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	5	15
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	130

Setting: 7F14		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	5	15
Soil Media	Shrink/Swell Clay	2	7	14
Topography	2-6%	1	9	9
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	129

Setting: 7F15		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	5	15
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	145

Setting: 7F16		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	5	15
Soil Media	Shrink/Swell Clay	2	7	14
Topography	2-6%	1	9	9
Impact of Vadose Zone	Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	134

Setting: 7F17		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	8	24
Soil Media	Shrink/Swell Clay	2	7	14
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	700-1000	3	6	18
		GWPP	INDEX	149

Setting: 7F18		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	130

Setting: 7F19		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	136

Setting: 7F20		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	138

Setting: 7F21		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	143

Setting: 7F22		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	148

Setting: 7F23		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sand and Gravel	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	4	20
Hydraulic Conductivity	300-700	3	4	12
		GWPP	INDEX	137

Setting: 7G1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Thin or Absent	2	10	20
Topography	2-6%	1	9	9
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	123

Setting: 7G2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Thin or Absent	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	99

Setting: 7G3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Thin or Absent	2	10	20
Topography	6-12%	1	5	5
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	101

Setting: 7G4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	108

Setting: 7G5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	97

Setting: 7G6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	98

Setting: 7G7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	110

Setting: 7G8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	2-6%	1	9	9
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	136

Setting: 7G9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	6-12%	1	5	5
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	112

Setting: 7G10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	100

Setting: 7G11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	128

Setting: 7Gb1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	0-2	4	1	4
Aquifer Media	Limestone	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	76

Setting: 7Gb2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	0-2	4	1	4
Aquifer Media	Limestone	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	6-12%	1	5	5
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	80

Setting: 7Gb3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Limestone	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Limestone	5	4	20
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	121

Setting: 7Gc1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	74

Setting: 7Gc2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	79

Setting: 7Gc3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	84

Setting: 7Gc4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	99

Setting: 7Gc5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-20	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	89

Setting: 7Gc6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Thin or Absent	2	10	20
Topography	6-12%	1	5	5
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	93

Setting: 7Gc7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Thin or Absent	2	10	20
Topography	2-6%	1	9	9
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	97

Setting: 7Gc8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Thin or Absent	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	86

Setting: 7Gc9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Thin or Absent	2	10	20
Topography	6-12%	1	5	5
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	88

Setting: 7Gc10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Thin or Absent	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	96

Setting: 7Gc11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Thin or Absent	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Shale	5	3	15
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	76

Setting: 6Da1		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	83

Setting: 6Da2		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	97

Setting: 6Da3		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	110

Setting: 6Da4		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	85

Setting: 6Da5		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	95

Setting: 6Da6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	107

Setting: 6Da7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	93

Setting: 6Da8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	121

Setting: 6Da9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	94

Setting: 6Da10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	87

Setting: 6Da11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	87

Setting: 6Da12		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Thin or Absent	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	109

Setting: 6Da13		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	101

Setting: 6Da14		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Thin or Absent	2	10	20
Topography	6-12%	1	5	5
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	111

Setting: 6Da15		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	97

Setting: 6Da16		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	118

Setting: 6Da17		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	108

Setting: 6Da18		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	91

Setting: 6Da19		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	0-2%	1	10	10
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	135

Setting: 6Da20		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	106

Setting: 6Da21		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	108

Setting: 6Da22		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	6-12%	1	5	5
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	122

Setting: 6Da23		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	92

Setting: 6Da24		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	102

Setting: 6Da25		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	89

Setting: 6Da26		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	103

Setting: 6Da27		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	2-6%	1	9	9
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	116

Setting: 6Da28		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	96

Setting: 6Da29		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	96

Setting: 6Da30		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Loam	2	5	10
Topography	6-12%	1	5	5
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	110

Setting: 6Da31		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	98

Setting: 6Da32		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	98

Setting: 6Da33		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	84

Setting: 6Da34		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	86

Setting: 6Da35		GENERAL		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	88

Setting: 6Da36		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Thin or Absent	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	110

Setting: 6Fa1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Shrink/Swell Clay	2	7	14
Topography	0-2%	1	10	10
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	122

Setting: 6Fa2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	105

Setting: 6Fa3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	119

Setting: 6Fa4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	6-12%	1	5	5
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	112

Setting: 6Fa5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	125

Setting: 6Fa6		9	**GENERAL**	
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	117

Setting: 6Fa7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	116

Setting: 6Fa8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	114

Setting: 6Fa9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	118

Setting: 6Fa10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	123

Setting: 6Fa11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	124

Setting: 6Fa12		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	125

Setting: 6Fa13		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Silt and Clay	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	108

Setting: 6Fa14		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS,LS, Shale Sequences	3	3	9
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Bedded SS,LS, Shale Sequences	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	95

Setting: 6Fa15		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Sandstone	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	133

Setting: 6Fa16		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Sandstone	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	6-12%	1	5	5
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	118

Setting: 6Fa17		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	107

Setting: 6Fa18		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	120

Setting: 6Fa19		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	4-7	4	6	24
Aquifer Media	Bedded SS,LS, Shale Sequences	3	5	15
Soil Media	Silty Loam	2	4	8
Topography	0-2%	1	10	10
Impact of Vadose Zone	Sand and Gravel w/sig Silt and Clay	5	5	25
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	130

Setting: 6L1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	77

Setting: 6L2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Thin or Absent	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	91

Setting: 6L3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	79

Setting: 6L4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	65

Setting: 6L5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	84

Setting: 6L6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	89

Setting: 6L7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Silty Loam	2	4	8
Topography	2-6%	1	9	9
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	85

Setting: 6L8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	2-6%	1	9	9
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	83

Setting: 6L9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	12-18%	1	3	3
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	87

Setting: 6L10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	2-4	4	3	12
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	0-2%	1	10	10
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	102

Setting: 6L11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	5-15	5	9	45
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Thin or Absent	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	101

Setting: 6L12		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	75

Setting: 6L13		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Thin or Absent	2	10	20
Topography	6-12%	1	5	5
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	93

Setting: 6L14		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	0-2	4	1	4
Aquifer Media	Shale	3	2	6
Soil Media	Sandy Loam	2	6	12
Topography	18+%	1	1	1
Impact of Vadose Zone	Shale	5	4	20
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	71

Setting: 6M1		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Sandstone	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	97

Setting: 6M2		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	100+	5	1	5
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Sandstone	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	89

Setting: 6M3		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	100+	5	1	5
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Sandstone	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	77

Setting: 6M4		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Sandstone	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	109

Setting: 6M5		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Sandstone	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	99

Setting: 6M6		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Clay Loam	2	3	6
Topography	18+%	1	1	1
Impact of Vadose Zone	Sandstone	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	85

Setting: 6M7		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	100+	5	1	5
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Sandy Loam	2	6	12
Topography	18+%	1	1	1
Impact of Vadose Zone	Sandstone	5	7	35
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	89

Setting: 6M8		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Thin or Absent	2	10	20
Topography	18+%	1	1	1
Impact of Vadose Zone	Sandstone	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	119

Setting: 6M9		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sandstone	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	109

Setting: 6M10		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Sandstone	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	107

Setting: 6M11		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	15-30	5	7	35
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Thin or Absent	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sandstone	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	121

Setting: 6M12		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	100+	5	1	5
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Thin or Absent	2	10	20
Topography	2-6%	1	9	9
Impact of Vadose Zone	Sandstone	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	97

Setting: 6M13		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	50-75	5	3	15
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Thin or Absent	2	10	20
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sandstone	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	101

Setting: 6M14		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	100+	5	1	5
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Sandy Loam	2	6	12
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sandstone	5	7	35
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	91

Setting: 6M15		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	100+	5	1	5
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	18+%	1	1	1
Impact of Vadose Zone	Sandstone	5	7	35
Hydraulic Conductivity	100-300	3	2	6
		GWPP	INDEX	85

Setting: 6M16		**GENERAL**		
FEATURE	RANGE	WEIGHT	RATING	INDEX
Depth to Water	30-50	5	5	25
Net Recharge	2-4	4	3	12
Aquifer Media	Sandstone	3	6	18
Soil Media	Silty Loam	2	4	8
Topography	12-18%	1	3	3
Impact of Vadose Zone	Sandstone	5	6	30
Hydraulic Conductivity	1-100	3	1	3
		GWPP	INDEX	99

Ground Water Pollution Potential of ROSS COUNTY

by

Carrie L. Frederick

County Line

Township Line

Incorporated City Limit

Description of Map Symbols

Hydrogeologic Region — 7Ad 6 — Hydrogeologic Setting

98 — Relative Pollution Potential

Observation Well Site*

Gravel Pit / Quarry

Pollution Potential Index Range

Higher	200+
	180 - 199
	160 - 179
to	140 - 159
	120 - 139
	100 - 119
	80 - 99
Lower	<79

Hydrogeologic Settings

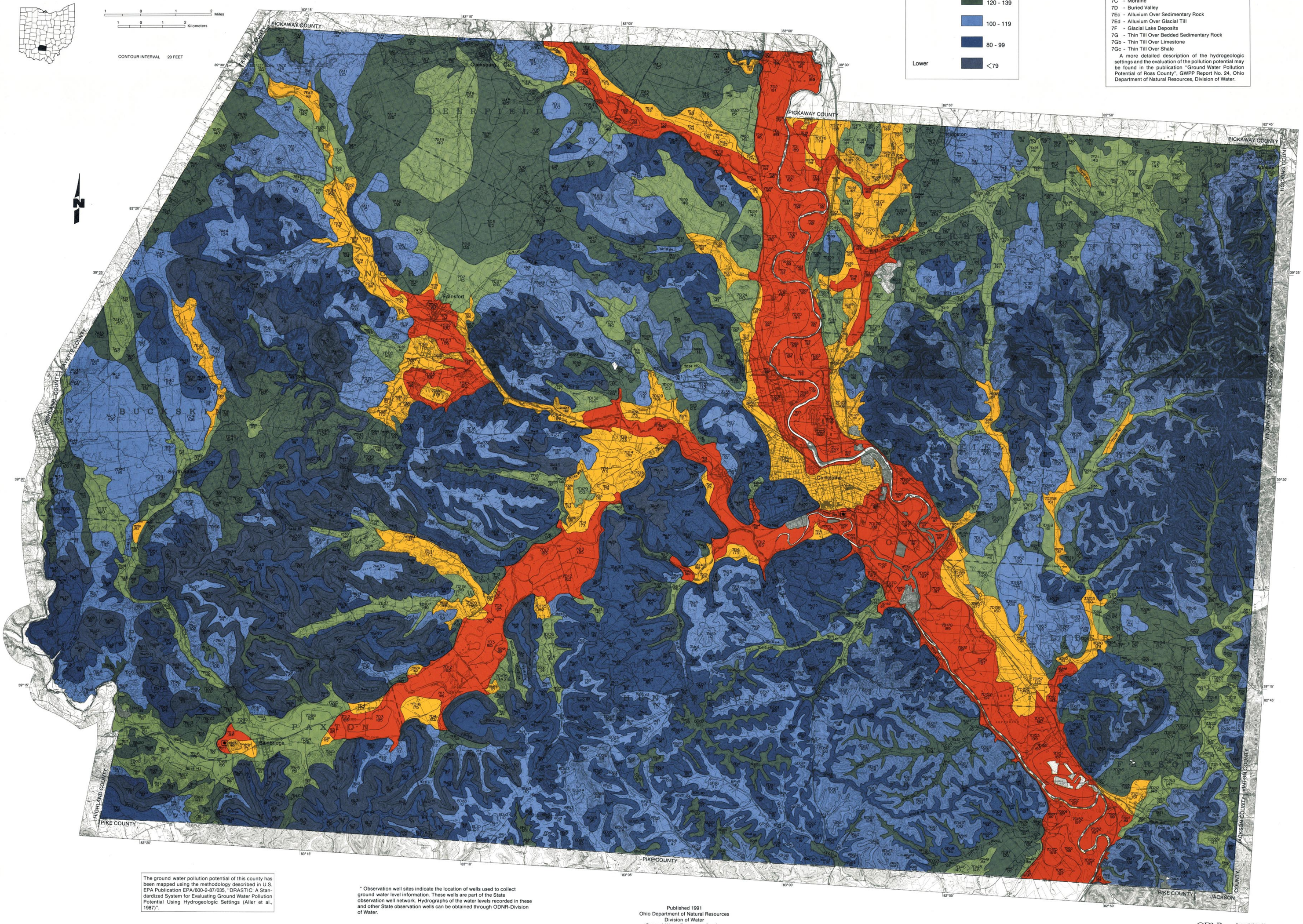
6Da - Alternating Sandstone, Limestone, Shale-Thin Soil
6Ga - Alluvium With Overbank Deposits
6L - Shale
6M - Sandstone
7Aa - Glacial Till Over Bedded Sedimentary Rock
7Ab - Glacial Till Over Outwash
7Ac - Glacial Till Over Limestone
7Ad - Glacial Till Over Sandstone
7Ae - Glacial Till Over Shale
7Af - Sand and Gravel Interbedded in Glacial Till
7Ba - Outwash
7Bb - Outwash Over Bedded Sedimentary Rock
7Bc - Outwash Over Limestone
7Be - Outwash Over Shale
7C - Moraine
7D - Buried Valley
7Ec - Alluvium Over Sedimentary Rock
7Ed - Alluvium Over Glacial Till
7F - Glacial Lake Deposits
7G - Thin Till Over Bedded Sedimentary Rock
7Gb - Thin Till Over Limestone
7Gc - Thin Till Over Shale

A more detailed description of the hydrogeologic settings and the evaluation of the pollution potential may be found in the publication "Ground Water Pollution Potential of Ross County", GWPP Report No. 24, Ohio Department of Natural Resources, Division of Water.

1 0 1 2 Miles

1 0 1 2 Kilometers

CONTOUR INTERVAL 20 FEET



The ground water pollution potential of this county has been mapped using the methodology described in U.S. EPA Publication EPA/600-2-87/035, "DRASTIC: A Standardized System for Evaluating Ground Water Pollution Potential Using Hydrogeologic Settings (Aller et al., 1987)".

* Observation well sites indicate the location of wells used to collect ground water level information. These wells are part of the State observation well network. Hydrographs of the water levels recorded in these and other State observation wells can be obtained through ODNR-Division of Water.

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Ohio Department of Natural Resources
Division of Water
Ground Water Resources Section
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Columbus, Ohio 43224

Xiaoning Jiang, Cartographer

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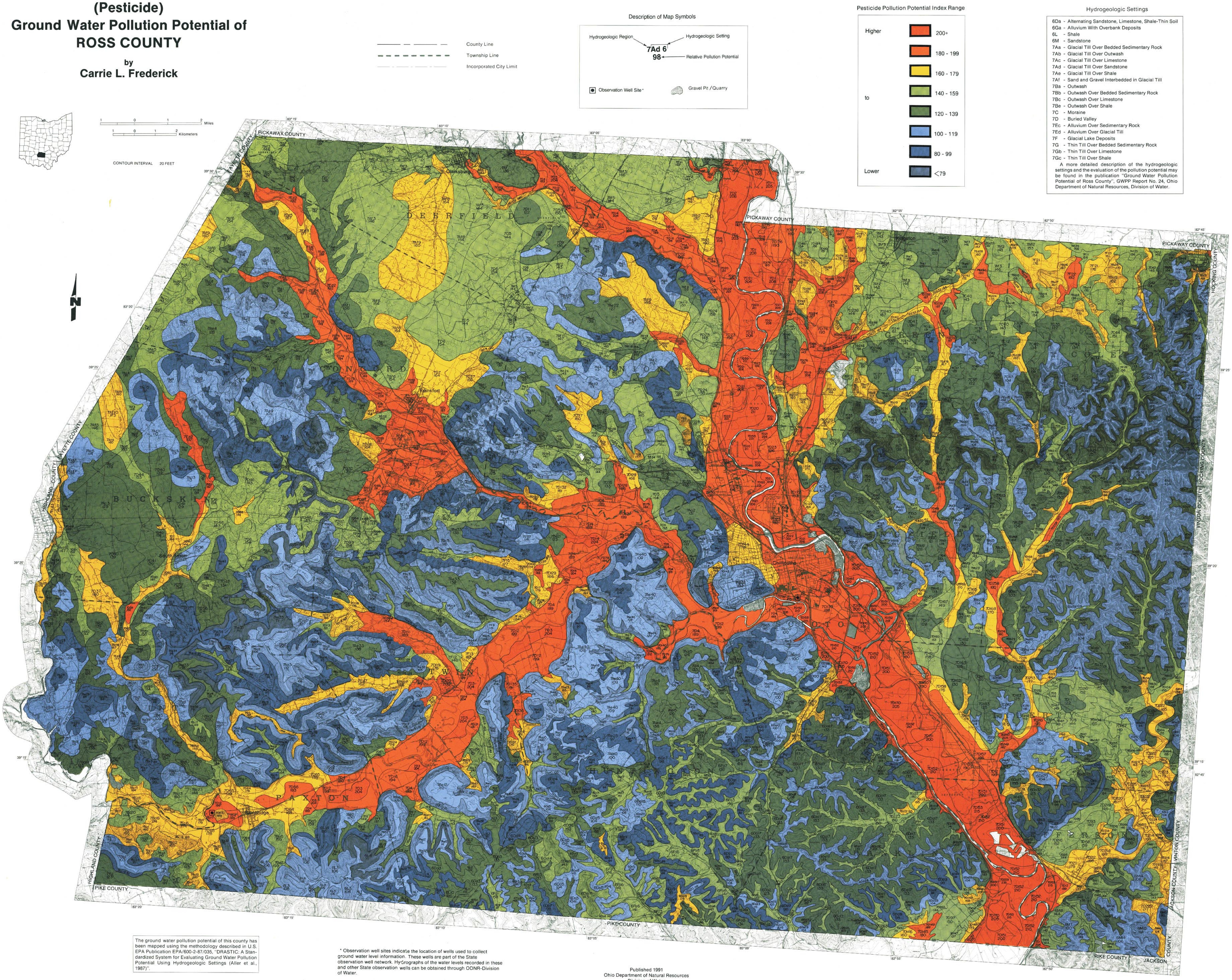
ODNR
OHIO DEPARTMENT OF NATURAL RESOURCES

George V. Voinovich
Governor
Frances S. Buchholzer
Director

Naturally OHIO

(Pesticide) Ground Water Pollution Potential of ROSS COUNTY

by
Carrie L. Frederick



Hydrogeologic Settings

6Da - Alternating Sandstone, Limestone, Shale-Thin Soil
6Ga - Alluvium With Overbank Deposits
6L - Shale
6M - Sandstone
7Aa - Glacial Till Over Bedded Sedimentary Rock
7Ab - Glacial Till Over Outwash
7Ac - Glacial Till Over Limestone
7Ad - Glacial Till Over Sandstone
7Ae - Glacial Till Over Shale
7Af - Sand and Gravel Interbedded in Glacial Till
7Ba - Outwash
7Bb - Outwash Over Bedded Sedimentary Rock
7Bc - Outwash Over Limestone
7Be - Outwash Over Shale
7C - Moraine
7D - Buried Valley
7Ec - Alluvium Over Sedimentary Rock
7Ed - Alluvium Over Glacial Till
7F - Glacial Lake Deposits
7G - Thin Till Over Bedded Sedimentary Rock
7Gb - Thin Till Over Limestone
7Gc - Thin Till Over Shale

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