properties of the soils

such mapping units may have different properties and limitations, and for this reason it is necessary to follow carefully the instructions for in the first column of this table]

Degree of limitations and soil features affecting farm ponds		Soil features affecting—		
Reservoir areas	Embankments	Agricultural drainage	Irrigation	Terraces and diversions
Slight	Moderate: fair slope stability	Very slow permeability	Very slow water intake rate; poor internal drainage; salinity.	Highly plastic; flat relief.
Severe: bedrock at depth of 10 to 20 inches.	Severe: bedrock at depth of 10 to 20 inches.	Moderate permeability; bedrock at depth of 10 to 20 inches.	Low available water capacity; bedrock at depth of 10 to 20 inches.	Bedrock at depth of 10 to 20 inches.
Severe: caliche at depth of 6 to 10 inches.	Moderate: poor to fair resistance to piping; hazard of erosion.	Moderate permeability; weakly cemented caliche at depth of 6 to 10 inches.	Low available water capacity; weakly cemented caliche at depth of 6 to 10 inches.	Weakly cemented caliche at depth of 6 to 10 inches.
Moderate: moderate permeability.	Moderate: poor resistance to piping; hazard of erosion.	Moderate permeability.	Moderate permeability; salinity.	Nearly level.
Moderate: moderate permeability.	Moderate: fair resistance to piping; hazard of erosion.	Moderate permeability; perched water table.	Moderate permeability; salinity.	Nearly level.
Moderate: moderate permeability.	Moderate: medium compressibility.	Moderate permeability.	High salinity	All features favorable.
Severe: moderately rapid permeability.	Moderate: poor to fair resistance to piping; hazard of erosion.	Unstable ditchbanks	Moderately rapid permeability; hazard of erosion; high salinity.	Moderate hazard of soil blowing.
Severe: very rapid permeability.	Severe: poor stability and resistance to piping; hazard of erosion.	Very rapid permeability; unstable ditchbanks.	Low available water capacity; hazard of erosion; slope.	Severe hazard of soil blowing.
Severe: moderately rapid permeability.	Moderate: poor to fair resistance to piping; hazard of erosion.	Unstable ditchbanks	Moderate available water capacity; high water intake rate; hazard of erosion.	Moderate hazard of soil blowing.
Severe: bedrock at depth of 20 to 40 inches.	Severe where bedrock is at depth of 20 to 24 inches, moderate where bedrock is at depth of 24 to 40 inches: poor resistance to piping; hazard of erosion.	Rapid permeability; unstable ditchbanks.	Low available water capacity; high water intake rate.	Moderate hazard of soil blowing.
Severe: gypsic earth at depth of 3 to 18 inches.	Severe where gypsic earth is at depth of 20 to 24 inches, moderate where gypsic earth is at depth of 24 to 40 inches: poor resistance to piping; hazard of erosion.	Moderate permeability	Low available water capacity; gypsic earth at a depth of 20 to 40 inches.	Gypsic earth at depth of 20 to 40 inches.
Severe: gypsiferous materials at depth of 14 to 36 inches.	Severe where gypsiferous materials at depth of 14 to 24 inches, moderate where gypsiferous materials at depth of 24 to 36 inches: poor resistance to piping and erosion.	All features favorable	Moderately permeable; hazard of erosion.	Moderate hazard of soil blowing; gypsiferous materials at depth of 14 to 36 inches.