



Photo Location 4. View of wetland determination sample point (SP 4) within Wetland 2. Photograph taken facing northeast.



Photo Location 5. View of wetland determination sample point (SP 6) within Wetland 3. Photograph taken facing south.





Photo Location 5. View of wetland determination sample point (SP 6) within Wetland 3. Photograph taken facing southeast.



Photo Location 6. View of wetland determination sample point (SP 8) within Wetland 4. Photograph taken facing southeast.





Photo Location 6. View of wetland determination sample point (SP 8) within Wetland 4. Photograph taken facing southwest.



Photo Location 7. View of Stream 2. Photograph taken facing upstream/northwest.





Photo Location 7. View of Stream 2. Photograph taken facing downstream/southeast.



Photo Location 8. View of Open Water 6. Photograph taken facing south.





Photo Location 8. View of Open Water 1. Photograph taken facing southeast.



Photo Location 9. View of Stream 3 (Pee Pee Creek). Photograph taken facing upstream/north.





Photo Location 9. View of Stream 3 (Pee Pee Creek). Photograph taken facing downstream/south.



Photo Location 10. View of upland at wetland determination sample point (SP 10). Photograph taken facing north.





Photo Location 10. View of upland at wetland determination sample point (SP 10). Photograph taken facing northeast.



Photo Location 11. View of Stream 4. Photograph taken facing upstream/north.





Photo Location 11. View of Stream 4. Photograph taken facing downstream/south.



Photo Location 12. View of Stream 5. Photograph taken facing upstream/northeast.





Photo Location 12. View of Stream 5. Photograph taken facing downstream/southwest.



Photo Location 13. View of wetland determination sample point (SP 11) within Wetland 5. Photograph taken facing south.





Photo Location 13. View of wetland determination sample point (SP 11) within Wetland 5. Photograph taken facing west.



Photo Location 14. View of Open Water 2. Photograph taken facing west.





Photo Location 14. View of Open Water 2. Photograph taken facing southwest.



Photo Location 15. View of Stream 6. Photograph taken facing upstream/south.





Photo Location 15. View of Stream 6. Photograph taken facing downstream/north.



Photo Location 16. View of Stream 7. Photograph taken facing upstream/southwest.





Photo Location 16. View of Stream 7. Photograph taken facing downstream/northeast.



Photo Location 17. View of Stream 8. Photograph taken facing upstream/northwest.





Photo Location 17. View of Stream 8. Photograph taken facing downstream/southeast.



Photo Location 18. View of Stream 9. Photograph taken facing upstream/north.





Photo Location 18. View of Stream 9. Photograph taken facing downstream/south.



Photo Location 19. View of Stream 10. Photograph taken facing upstream/north.





Photo Location 19. View of Stream 10. Photograph taken facing downstream/south.



Photo Location 20. View of Stream 11. Photograph taken facing upstream/north.





Photo Location 20. View of Stream 11. Photograph taken facing downstream/south.



Photo Location 21. View of Stream 12. Photograph taken facing upstream/south.





Photo Location 21. View of Stream 12. Photograph taken facing downstream/north.



Photo Location 22. View of Stream 13. Photograph taken facing upstream/southwest.





Photo Location 22. View of Stream 13. Photograph taken facing downstream/northeast.



Photo Location 23. View of Stream 14. Photograph taken facing upstream/south.





Photo Location 23. View of Stream 14. Photograph taken facing downstream/north.



Photo Location 24. View of Stream 15. Photograph taken facing upstream/south.





Photo Location 24. View of Stream 15. Photograph taken facing downstream/north.



Photo Location 25. Representative view of upland drainage feature adjacent to existing gravel road. Photograph taken facing southeast.





Photo Location 26. Representative view of upland drainage feature in a pasture. Photograph taken facing northwest.

Habitat Photographs







Photo Location 1. Representative view of agricultural field. Photograph taken facing northwest.



Photo Location 2. Representative view of old field habitat. Photograph taken facing northeast.





Photo Location 3. Representative view of early successional deciduous/coniferous forest habitat. Photograph taken facing northeast.



Photo Location 4. Representative view of new field habitat. Photograph taken facing /north.





Photo Location 5. Representative view of pasture habitat. Photograph taken facing southwest.



Photo Location 6. Representative view of residential lawn. Photograph taken facing northeast.





Photo Location 7. Representative view of potential bat roost tree. Photograph taken facing southeast.



Photo Location 8. Representative view of existing gravel access road. Photograph taken facing northwest.

# Appendix D Data Forms

D.1 WETLAND DETERMINATION DATA FORMS





#### WETLAND DETERMINATION DATA FORM Eastern Mountains and Piedmont Region

| 1 10,000,0100.   | Waverly-Wa  | e Road 138 KV Transmi  | ssion Line Pro   | ject   |   | Stant  | ec Project #:   | 193704860  |  
   
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| Applicant:   | American E  | Electric Power   |  |  |   |  |   |  |  
   
   | County:  | Pike   |  |  |  |  |   |  |   |  |   |   
   
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| Investigator #1:   | Eric Parker   | •  |  | Invest   | igator #2:  | Kate Bo  | mar   |  |  
   
   | State:   | Ohio   |  |  |  |  |   |  |   |  |   |   
   
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| Soll Unit:   | Karden silt lo  | arden silt loam NWI/WWI Classification: N/A  |  |  |   |  |   |  |  
   
   | wetland ID:  | N/A  |  |  |  |  |   |  |   |  |   |   
   
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   | Sample Point:  | or i<br>Upland   |  |  |  |  |   |  |   |  |   |   
   
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| Are climatic/hvdi  | ologic cond   | tions on the site typic  | al for this tir  | ne of vea  | r? (If no. evi  | -03.110  | 14<br>rke)  |  | No   
   
   | Section:   | Opiano   |  |  |  |  |   |  |   |  |   |   
   
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| Are Vegetation   |   | r Hydrology Signif   | icantly distu  | rhed?  | II: (II 110, exp  | Ar   | e normal circu  | mstances pre   | sent?  
   
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| Are Vegetation   | . Soil 🗆. c   | r Hvdrology 🗆 signi  | ally problem   | atic?  |   | 741  | Ves   |  | John:  
   
   | Range:   | Dir:   |  |  |  |  |   |  |   |  |   |   
   
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| SUMMARY OF F   | INDINGS   | in Hydrology – Hatar   |  | attor  |   |  | - 103   | No   |  
   
   | rtanger  |  |  |  |  |  |   |  |   |  |   |   
   
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| Hydrophytic Veg  | etation Pres  | ent?   |  | □ Yes  | No 🛛  |  |   | Hydric Soils   | Present?   
   
   |  | 🗆 Yes 🗹 No   |  |  |  |  |   |  |   |  |   |   
   
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| Wetland Hydrold  | Yes   | s 🗵 No   |  |  | Is This Samp  | oling Point V  | Vithin A Wetla  | ind? 🗉 Yes 🖻 No  |  
   
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| Remarks:   | Located in  | swale dominated by   | wetland veg  | etation.   |   |  |   |  |  
   
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| Wetland Hvdro  | logy Indica   | tors (Check here if ir   | dicators are   | e not pres   | ent):   | V  |   |  | Secondary:   
   
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| Primary:   |   |  |  |  | - /   |  |   |  |  
   
   | B6 - Surface Soil Cracks   |  |  |  |  |  |   |  |   |  |   |   
   
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|  | A1 - Surface  | Water  |  |  | B9 - Wate   | er-Stained   | Leaves  |  |  
   
   | B8 - Sparsely Ve   | getated Concave Surface  |  |  |  |  |   |  |   |  |   |   
   
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|  | A2 - High Wa  | ater Table   |  |  | B13 - Aqu   | atic Fauna   | 3   |  |  
   
   | B10 - Drainage   | Patterns   |  |  |  |  |   |  |   |  |   |   
   
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|  | A3 - Saturation   | on<br>Iarke  |  |  | C1 - Hydr   | e Aquatic I  | Plants<br>de Odor   |  | H  
   
   | C2 - Dry Seaso   | n Lines<br>n Water Table   |  |  |  |  |   |  |   |  |   |   
   
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|  | B2 - Sedimer  | nt Deposits  |  |  | C3 - Oxid   | ized Rhizo   | spheres on Livin  | a Roots  |  
   
   | C8 - Cravfish Bi   | JITOWS   |  |  |  |  |   |  |   |  |   |   
   
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|  | B3 - Drift De   | posits   |  |  | C4 - Pres   | ence of Re   | educed Iron   | gricoto  |  
   
   | C9 - Saturation  | Visible on Aerial Imagery  |  |  |  |  |   |  |   |  |   |   
   
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|  | B4 - Algal Ma   | at or Crust  |  |  | C6 - Rece   | ent Iron Re  | duction in Tilled   | Soils  |  
   
   | D1 - Stunted or  | Stressed Plants  |  |  |  |  |   |  |   |  |   |   
   
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|  | B5 - Iron Dep   | oosits   |  |  | C7 - Thin   | Muck Surf  | ace   |  |  
   
   | D2 - Geomorph  | ic Position  |  |  |  |  |   |  |   |  |   |   
   
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|  | B7 - Inundati   | on Visible on Aerial Imag  | ery  |  | Other (Ex   | plain in Re  | marks)  |  |  
   
   | D3 - Shallow Ac  | luitard  |  |  |  |  |   |  |   |  |   |   
   
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   | D4 - Microtopog  | Iraphic Relief   |  |  |  |  |   |  |   |  |   |   
   
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| <b>F</b>   |   |  |  |  |   |  |   |  |  
   
   | D5 - FAC-INEULI  |  |  |  |  |  |   |  |   |  |   |   
   
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| Field Observati  | ons:  |  |  |  |   |  |   |  |  
   
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| Surface Water F  | resent?   | 🗆 Yes 🗹 No   | Depth:   | N/A  | (in.)   |  |   | Wetland Hvg  | drology Pre  
   
   | sent?  | Yes 🖬 No   |  |  |  |  |   |  |   |  |   |   
   
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| Water Table Pre  | sent?   | 🗆 Yes 🗹 No   | Depth:   | N/A  | (in.)   |  |   | fromana nye  | arologyire   
   
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| Saturation Prese   | ent?  | 🗆 Yes 🗹 No   | Depth:   | N/A  | (in.)   |  |   |  |  
   
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| Describe Recorde   | ed Data (stre   | am gauge, monitoring   | well, aerial p   | hotos, pre   | evious inst   | pections).   | if available:   |  | N/A  
   
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| Remarks:   | (11)  | <u> </u>   | ,  | ,  |   | ,,   |   |  |  
   
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| SOILS<br>Map Unit Name:  | Rarden silt   | loam   |  |  |   | Series Dr  | ainage Class:   | moderately w   | vell drained   
   
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg  | Rarden silt<br>group):  | loam   | or or confirm the absen  | ce of indicators.)   | (Type: C=Concer   |  | ainage Class:   |  | vell drained   
   
   | =Pore Lining M=Matrix)   |  |  |  |  |  |   |  |   |  |   |   
   
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   | =Pore Lining, M=Matrix)  | Texture  |  |  |  |  |   |  |   |  |   |   
   
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Denth  | Rarden silt<br>group):<br>tion (Describe to the<br>Bottom<br>Depth  | loam<br>e depth needed to document the indicate<br>Horizon   | or or confirm the absen  | ce of indicators.)<br>Matrix<br>Moist)   | (Type: C=Concer   | Series Dr  | ainage Class:   | moderately w<br>CS=Covered/Coated Sand<br>Mottles  | vell drained   
   
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   | =Pore Lining, M=Matrix)<br>Location<br>M   | Texture<br>(e.g. clay, sand, loam)   |  |  |  |  |   |  |   |  |   |   
   
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0   | Rarden silt<br>group):<br>tion (Describe to the<br>Bottom<br>Depth<br>12<br>20  | loam<br>e depth needed to document the indicat<br>Horizon  | cr or confirm the absen  | ce of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/3   | (Type: C=Concer<br>%<br>95<br>90  | Series Dr<br>tration, D=Deplet<br>Col<br>10YR  | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6  | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10  | d Grains; Location: PL   
   
   | =Pore Lining, M=Matrix) Location M   | Texture<br>(e.g. clay, sand, loam)<br>silt clam  |  |  |  |  |   |  |   |  |   |   
   
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   | =Pore Lining, M=Matrix) Location M M   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br>silty clay loam   |  |  |  | | | | | | |
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   | =Pore Lining. M=Matrix)<br>Location<br>M<br>M  | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br>silty clay loam   |  |  |  |  |   |  |   |  |   |   
   
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   | =Pore Lining, M=Matrix)<br>Location<br>M<br><br>   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br>silty clay loam<br><br>   |  |  |  |  |   |  |   |  |   |   
   
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br>   | Rarden silt<br>group):<br>ion (Describe to the<br>Bottom<br>Depth<br>12<br>20<br><br><br>   | loam<br>e depth needed to document the indicat<br>Horizon<br>1<br>2<br><br><br>                                  | c or confirm the absention of the confirm the absention of the confirmed o | ce of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/3<br><br><br>                               | (Type: C=Concer<br>%<br>95<br>90<br><br><br>  | Series Dr<br>tration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br>  | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br>  | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br>  | I Grains: Location: PL<br>Type<br>C<br>C<br><br><br>   
   | =Pore Lining, M=Matrix)<br>Location<br>M<br><br><br>   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br>silty clay loam<br><br><br>   |  |  |  | | | | | | |
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br>   | Rarden silt<br>group):<br>ion (Describe to If<br>Bottom<br>Depth<br>12<br>20<br><br><br><br>  | loam<br>e depth needed to document the indicat<br>Horizon<br>1<br>2<br><br><br><br>                              | or or confirm the absention<br>Color (1<br>10YR<br>2.5Y<br><br><br>  | ce of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/3<br><br><br><br>                           | (Type: C=Cancer<br>%<br>95<br>90<br><br><br>  | Series Dr<br>tration, D=Depter<br>Col<br>10YR<br>10YR<br><br><br><br>  | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br>  | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br>                                      | I Grains: Location: PL<br>Type<br>C<br>C<br><br><br><br>   
   
   | =Pore Lining, M=Matrix) Location M   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br>silty clay loam<br><br><br><br>   |  |  |  |  |   |  |   |  |   |   
   
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br>   | Rarden silt<br>group):<br>ion (Describe to II<br>Bottom<br>Depth<br>12<br>20<br><br><br><br>  | loam e depth needed to document the indicat Horizon 1 2  | cr or confirm the absert   | ce of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/3<br><br><br><br><br><br>                   | (Type: C=Concer<br>%<br>95<br>90<br><br><br>  | Series Dr<br>tration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>  | ainage Class:<br>ion, RM=Reduced Matrix, 1<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br>                                      | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br>                                  | I Grains: Location: PL<br>Type<br>C<br>C<br>C<br><br><br><br><br>  
   
   | =Pore Lining, M=Matrix) Location M   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br>  |  |  |  |  |   |  |   |  |   |   
   
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br>   | Rarden silt<br>group):<br>ion (Describe to It<br>Depth<br>12<br>20<br><br><br><br>  | loam e depth needed to document the indicat Horizon 1 2  | cr or confirm the absent<br>Color (1<br>10YR<br>2.5Y<br><br><br><br><br>if familia   | ce of Indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/3<br><br><br><br><br><br>                   | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br>  | Series Dr<br>rration, D=Depler<br>Col<br>10YR<br>10YR<br><br><br><br><br>  | rainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br>                               | moderately w<br>CS=Covered/Costed Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br>                              | Vell drained<br>d Grains: Location: PL<br>C<br>C<br>C<br><br><br><br><br><br>  
   
   | =Pore Lining. M=Matrix) Location M   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br>  |  |  |  |  |   |  |   |  |   |   
   
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br>NRCS Hydric S  | Rarden silt<br>group):<br>ion (Describe to II<br>Depth<br>12<br>20<br><br><br><br>Goil Field In   | loam e depth needed to document the indicat Horizon 1 2 dicators (check here                                     | r or confirm the abser<br>Color (I<br>10YR<br>2.5Y<br><br><br><br>if indicators  | ee of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br><br><br><br> | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br><br><br><br>-   | Series Dr<br>rration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br><br><br>): Z  | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br>  | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br>                                  | Vell drained   
   
   | =Pore Lining, M=Matrix) Location M Indicators fo   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><br><br><br><br><b>Problematic Soils</b> <sup>1</sup>   |  |  |  |  |   |  |   |  |   |   
   
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br>   | Rarden silt<br>group):<br>ion (Describe to the<br>Depth<br>12<br>20<br><br><br><br><br><br>Soil Field Inc   | loam e depth needed to document the indicat Horizon 1 2 dicators (check here                                     | or or confirm the absen  | ce of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br>-                    | (Type: C=Concer<br>96<br>90<br><br><br><br><br><br><br><br><br><br><br>   | Series Dr<br>rration, D-Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br><br>): ☑  | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br>-                           | moderately v<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>                          | Vell drained   
   
   | Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm K  | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><br><b></b><br><br><b></b><br><br><b></b><br><br><br><b></b><br><br><br><br><br><br><br><br><br><br><br>  |  |  |  |  |   |  |   |  |   |   
   
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br>NRCS Hydric S<br>A1- Histosol<br>A2 - Histic Epipe<br>A3 - Block Histic  | Rarden silt<br>group):<br>ion (Describe to the<br>Depth<br>12<br>20<br><br><br><br><br><br>coil Field Inc<br>don  | loam e depth needed to document the indicat Horizon 1 2 dicators (check here                                     | r or confirm the absen<br>Color ((<br>10YR<br>2.5Y<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dork 20   | ce of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-  | (Type: C=Concer<br>96<br>95<br>90<br><br><br><br><br><br><br><br><br><br><br><br><br>   | Series Dr<br>tration, D-Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br><br>): ☑  | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br>-                           | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br><br><br><br><br><br><br>- | vell drained           I grains; Location: PL           Type           C   
   
   | =Pore Lining, M=Matrix)<br>Location<br>M<br><br><br><br><br><br><br>   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><br><br><br><br>-   |  |  |  |  |   |  |   |  |   |   
   
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br>   | Rarden silt<br>group):<br>ion (Describe to II<br>Bottom<br>Depth<br>12<br>20<br><br><br><br><br><br>coil Field In<br>don  | loam  e depth needed to document the indicat  Horizon  2  dicators (check here                                   | r or confirm the absen<br>Color (1<br>10YR<br>2.5Y<br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark S0   | ce of Indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-  | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br>-   | Series Dr<br>tration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br><br><br><br>-                                       | ainage Class:<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br><br>-  | Moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>                          | Vell drained   
   
   | Pore Lining. M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TE12 - Ven:                | Texture           (e.g. clay, sand, loam)           silt loam  |  |  |  |  |   |  |   |  |   |   
   
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br>NRCS Hydric S<br>A1- Histosol<br>A2 - Histic Epipe<br>A3 - Black Histic<br>A4 - Hydrogen S<br>A5 - Stratified Lo | Rarden silt<br>group):<br>ion (Describe to II<br>Depth<br>12<br>20<br><br><br><br><br>Soil Field Ind<br>don   | loam  e depth needed to document the indicat  Horizon  2      dicators (check here                               | or or confirm the abservert<br>Color (1<br>10YR<br>2.5Y<br><br><br>if indicators<br>\$5 - Sandy R<br>\$6 - Stripped<br>\$7 - Dark Su<br>\$8 - Polyvalu   | ee of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-            | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br><br><br><br>-   | Series Dr<br>rration, D=Depler<br>Col<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 14   | ainage Class:<br>ion, RM=Reduced Matrix, 1<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br>-                         | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>                          | vell drained           d Grains; Location; PL           Type           C   
   
   | =Pore Lining, M=Matrix) Location M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Evola    | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><b>r Problematic Soils</b> 1<br>luck (MLRA 147)<br>ratire Redox (MLRA 136, 147)<br>E Floodplain Soils (MLRA 136, 147)<br>Shallow Dark Surface<br>in in Remarks)   |  |  |  |  |   |  |   |  |   |   
   
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| SOILS Map Unit Name: Taxonomy (Subg Profile Descript  Top Depth 0 12   | Rarden silt<br>group):<br>ion (Describe to the<br>Depth<br>12<br>20<br><br><br><br><br>coll Field Ind<br>don<br>ulfide<br>yers  | loam e depth needed to document the indicat Horizon 1 2 dicators (check here                                     | r or confirm the abservert<br>Color (1<br>10YR<br>2.5Y<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dar   | ee of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-            | (Type: C=Concer<br>%<br>95<br>90<br>90<br><br><br><br><br><br><br><br><br>oresent<br>ark Surface  | Series Dr<br>rration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 14                                 | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br>-                           | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>                          | vell drained           I Grains; Location: PL           Type           C <tr tr="">          all (MLRA 127, 147-</tr>  
   
   | Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><b></b><br><br><b></b><br><br><b></b><br><br><b></b><br><br><b></b><br><br><b></b><br><br><b></b><br><br><b></b><br><br><b></b><br><br><br><br><br><br><br><br><br><br><br><br>   |  |  |  |  |   |  |   |  |   |   
   
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| SOILS Map Unit Name: Taxonomy (Subg Profile Descript Top Depth 0 12 NRCS Hydric S A1- Histosol A2 - Histic Epipe A3 - Black Histic A4 - Hydrogen S A5 - Stratified La A10 - 2 cm Muck A11 - Depleted P                               | Rarden silt<br>group):<br>ion (Describe to the<br>Depth<br>12<br>20<br><br><br><br><br><br>Soil Field Ind<br>don<br>ulfide<br>yers<br>((LRR N)<br>jelow Dark Stu  | loam e depth needed to document the indicat Horizon 1 2 dicators (check here                                     | r or confirm the absent<br>Color (1<br>10YR<br>2.5Y<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dai<br>F2 - Loamy C  | ce of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br>-                    | (Type: C=Concer<br>96<br>90<br><br><br><br><br><br><br><br><br>oresent<br>ark Surface<br>(MLRA 147, 148)<br>rix   | Series Dr<br>rration, D-Depler<br>COI<br>10YR<br>10YR<br><br><br><br><br>): ☑  | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br>-                           | Moderately w<br>CS=Covered/Casted Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>                          | vell drained           1 Grains; Location: PL           Type           C           C <tr tr=""> <td< td=""><td>Pore Lining, M-Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Explain</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/></td></td<></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>(LRR N)<br/>Selow Dark Su<br/>Surface</td><td>loam e depth needed to document the indicat Horizon 1 2 dicators (check here</td><td>r or confirm the absen<br/>Color ((<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F6 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>Moist)<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>e-<br/><br/>-</td><td>Series Dr<br/>tration, D=Deplet<br/>Col<br/>10YR<br/><br/><br/><br/>):<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>Moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           I grains; Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmont TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><br/>r Problematic Soils 1<br/>luck (MLRA 147)<br/>rairie Redox (MLRA 147, 148)<br/>Floodplain Soils (MLRA 136, 147)<br/>Shallow Dark Surface<br/>in in Remarks)</td></td<></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Bottom<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/><br/><br/><br/>coil Field In-<br/>don<br/>ulfide<br/>yers<br/>: (LRR N)<br/>selow Dark Su<br/>: Surface<br/>: Surface</td><td>loam  e depth needed to document the indicat  Horizon  2  dicators (check here fface</td><td>r or confirm the absert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dar<br/>F2 - Loamy (C<br/>F3 - Depleter<br/>F6 - Redox L<br/>F7 - Depleter</td><td>ee of Indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>ace</td><td>Series Dr<br/>tration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14</td><td>ainage Class:<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>Moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains; Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>Pore Lining. M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/>rProblematic Soils 1<br/>luck (MLRA 147)<br/>trairie Redox (MLRA 147, 148)<br/>Floodplain Soils (MLRA 138, 147)<br/>Shallow Dark Surface<br/>in in Remarks)</td></td<></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to If<br/>Bottom<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>loam  e depth needed to document the indicat  Horizon  2  dicators (check here  rface MLRA 147, 148)</td><td>r or confirm the absen<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dan<br/>F2 - Loamy (C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of Indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 1<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains: Location: PL           Type           C   <tr tr="">        &lt;</tr></td><td>=Pore Lining, M=Matrix) Location M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Explai)</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r Problematic Soils 1</b><br/>luck (MLRA 147)<br/>Traifie Redox (MLRA 147, 148)<br/>Floodplain Soils (MLRA 148, 147)<br/>Shallow Dark Surface<br/>in in Remarks)</td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to II<br/>Bottom<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>coil Field In<br/>don<br/>ulfide<br/>yers<br/>( (LRR N)<br/>selow Dark Su<br/>Surface<br/>Surface<br/>( Mineral (LRR N)<br/>selow Dark Su<br/>Surface<br/>Surface<br/>Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  2     dicators (check heree  fface  MLRA 147, 148)  N/A</td><td>r or confirm the absert<br/>Color
(1<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>ee of Indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>95<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/></td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 0<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains: Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>=Pore Lining, M=Matrix) Location M M</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt y clay loam   Shallow Dark Suface</td></td<></tr><tr><td>SOILS Map Unit Name: Taxonomy (Subg Profile Descript  Top Depth 0 12</td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coll Field Ind<br/>don<br/>ulfide<br/>yers<br/>( LRR N)<br/>Below Dark Su<br/>Surface<br/>( Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  2  dicators (check heree  rface MLRA 147, 148)  N/A</td><td>r or confirm the absention of the second sec</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90</td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/><br/><br/><br/><br/>): Ø<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 1<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           d grains; Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt loam   &lt;</td></td<></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>: (LRR N)<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A</td><td>r or confirm the abservert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dar<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14)</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           I grains; Location: PL           Type           C   </td><td>=Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><br/><b>r</b><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/></td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>c (LRR N)<br/>kelow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2     dicators (check here  rface  MLRA 147, 148)  N/A</td><td>r or confirm the absen<br/>Color ([<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 147, 147, 147, 147, 147, 147, 147,</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately v<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained</td><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><br/><br/><b>Problematic Soils</b><sup>1</sup><br/>Iuck (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>in in Remarks)<br/>drology must be present, unless disturbed or problematic<br/>Yes ☑ No</td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coil Field In-<br/>don<br/>ulfide<br/>yers<br/>(LRR N)<br/>selow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A</td><td>r or confirm the absen<br/>Color ((<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F6 - Redox D<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>Moist)<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/>e</td><td>Series Dr<br/>tration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>): Ø</td><td>ainage Class:<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/>F12 - Iror<br/>F13 - Um<br/>F19 - Pie<br/><sup>(8)</sup><br/>F21 - Rec</td><td>Moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains; Location: PL           Type           C   </td><td>Pore Lining, M=Matrix<br/>Location<br/>M<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Texture<br/>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)</td></tr></td></tr></td></tr></td></tr></td></tr> | Pore Lining, M-Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Explain | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br>  | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br> | Rarden silt<br>group):<br>ion (Describe the<br>Depth<br>12<br>20<br><br><br><br><br><br><br>coil Field Ind<br>don<br>ulfide<br>yers<br>(LRR N)<br>Selow Dark Su<br>Surface   | loam e depth needed to document the indicat Horizon 1 2 dicators (check here                                 | r or confirm the absen<br>Color ((<br>10YR<br>2.5Y<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dai<br>F2 - Loamy C<br>F3 - Depleted<br>F6 - Redox D                             
  | ee of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>- | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br><br><br>e-<br><br>-  | Series Dr<br>tration, D=Deplet<br>Col<br>10YR<br><br><br><br>):<br>(MLRA 147, 14              | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br>-      | Moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>         | vell drained           I grains; Location: PL           Type           C           C <tr tr=""> <td< td=""><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmont TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><br/>r Problematic Soils 1<br/>luck (MLRA 147)<br/>rairie Redox (MLRA 147, 148)<br/>Floodplain Soils (MLRA 136, 147)<br/>Shallow Dark Surface<br/>in in Remarks)</td></td<></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Bottom<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/><br/><br/><br/>coil Field In-<br/>don<br/>ulfide<br/>yers<br/>: (LRR N)<br/>selow Dark Su<br/>: Surface<br/>: Surface</td><td>loam  e depth needed to document the indicat  Horizon  2  dicators (check here fface</td><td>r or confirm the absert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dar<br/>F2 - Loamy (C<br/>F3 - Depleter<br/>F6 - Redox L<br/>F7 - Depleter</td><td>ee of Indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>ace</td><td>Series Dr<br/>tration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14</td><td>ainage Class:<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>Moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains; Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>Pore Lining. 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  &lt;</td></td<></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>: (LRR N)<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A</td><td>r or confirm the abservert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dar<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14)</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           I grains; Location: PL           Type           C   </td><td>=Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><br/><b>r</b><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/></td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>c (LRR N)<br/>kelow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2     dicators (check here  rface  MLRA 147, 148)  N/A</td><td>r or confirm the absen<br/>Color ([<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 147, 147, 147, 147, 147, 147, 147,</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately v<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained</td><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><br/><br/><b>Problematic Soils</b><sup>1</sup><br/>Iuck (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>in in Remarks)<br/>drology must be present, unless disturbed or problematic<br/>Yes ☑ No</td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coil Field In-<br/>don<br/>ulfide<br/>yers<br/>(LRR N)<br/>selow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A</td><td>r or confirm the absen<br/>Color ((<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F6 - Redox D<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>Moist)<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/>e</td><td>Series Dr<br/>tration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>): Ø</td><td>ainage Class:<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/>F12 - Iror<br/>F13 - Um<br/>F19 - Pie<br/><sup>(8)</sup><br/>F21 - Rec</td><td>Moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains; Location: PL           Type           C   </td><td>Pore Lining, M=Matrix<br/>Location<br/>M<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Texture<br/>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)</td></tr></td></tr></td></tr></td></tr> | Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmont TF12 - Very Other (Expla  | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><br>r Problematic Soils 1<br>luck (MLRA 147)<br>rairie Redox (MLRA 147, 148)<br>Floodplain Soils (MLRA 136, 147)<br>Shallow Dark Surface<br>in in Remarks)       | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br> | Rarden silt<br>group):<br>ion (Describe to the<br>Bottom<br>Depth<br>12<br>20<br><br><br><br><br><br><br><br><br>coil Field In-<br>don<br>ulfide<br>yers<br>: (LRR N)<br>selow Dark Su<br>: Surface<br>: Surface  | loam  e depth needed to document the indicat  Horizon  2  dicators (check here fface                             | r or confirm the absert<br>Color (1<br>10YR<br>2.5Y<br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dar<br>F2 - Loamy (C<br>F3 - Depleter<br>F6 - Redox L<br>F7 - Depleter                        | ee of Indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>- | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br>oresent<br>ark Surface<br>(MLRA 147, 148)<br>rix<br>e<br>ace                         | Series Dr<br>tration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 14                                 | ainage Class:<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br><br>-                       | Moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>         | vell drained           1 Grains; Location: PL           Type           C           C <tr tr=""> <td< td=""><td>Pore Lining. M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/>rProblematic Soils 1<br/>luck (MLRA 147)<br/>trairie Redox (MLRA 147, 148)<br/>Floodplain Soils (MLRA 138, 147)<br/>Shallow Dark Surface<br/>in in Remarks)</td></td<></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to If<br/>Bottom<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>loam  e depth needed to document the indicat  Horizon  2  dicators (check here  rface MLRA 147, 148)</td><td>r or confirm the absen<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dan<br/>F2 - Loamy (C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of Indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 1<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains: Location: PL           Type           C   <tr tr="">        &lt;</tr></td><td>=Pore Lining, M=Matrix) Location M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Explai)</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r Problematic Soils 1</b><br/>luck
(MLRA 147)<br/>Traifie Redox (MLRA 147, 148)<br/>Floodplain Soils (MLRA 148, 147)<br/>Shallow Dark Surface<br/>in in Remarks)</td></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to II<br/>Bottom<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>coil Field In<br/>don<br/>ulfide<br/>yers<br/>( (LRR N)<br/>selow Dark Su<br/>Surface<br/>Surface<br/>( Mineral (LRR N)<br/>selow Dark Su<br/>Surface<br/>Surface<br/>Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  2     dicators (check heree  fface  MLRA 147, 148)  N/A</td><td>r or confirm the absert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>ee of Indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>95<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/></td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 0<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains: Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>=Pore Lining, M=Matrix) Location M M</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt y clay loam   Shallow Dark Suface</td></td<></tr><tr><td>SOILS Map Unit Name: Taxonomy (Subg Profile Descript  Top Depth 0 12</td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coll Field Ind<br/>don<br/>ulfide<br/>yers<br/>( LRR N)<br/>Below Dark Su<br/>Surface<br/>( Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  2  dicators (check heree  rface MLRA 147, 148)  N/A</td><td>r or confirm the absention of the second sec</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90</td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/><br/><br/><br/><br/>): Ø<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 1<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           d grains; Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt loam   &lt;</td></td<></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>: (LRR N)<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A</td><td>r or confirm the abservert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dar<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14)</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           I grains; Location: PL           Type           C   </td><td>=Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><br/><b>r</b><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/></td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>c (LRR N)<br/>kelow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2     dicators (check here  rface  MLRA 147, 148)  N/A</td><td>r or confirm the absen<br/>Color ([<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 147, 147, 147, 147, 147, 147, 147,</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately v<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained</td><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><br/><br/><b>Problematic Soils</b><sup>1</sup><br/>Iuck (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>in in Remarks)<br/>drology must be present, unless disturbed or problematic<br/>Yes ☑ No</td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coil Field In-<br/>don<br/>ulfide<br/>yers<br/>(LRR N)<br/>selow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A</td><td>r or confirm the absen<br/>Color ((<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F6 - Redox D<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>Moist)<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/>e</td><td>Series Dr<br/>tration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>): Ø</td><td>ainage Class:<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/>F12 - Iror<br/>F13 - Um<br/>F19 - Pie<br/><sup>(8)</sup><br/>F21 - Rec</td><td>Moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains; Location: PL           Type           C   </td><td>Pore Lining, M=Matrix<br/>Location<br/>M<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Texture<br/>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)</td></tr></td></tr></td></tr> | Pore Lining. M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br>rProblematic Soils 1<br>luck (MLRA 147)<br>trairie Redox (MLRA 147, 148)<br>Floodplain Soils (MLRA 138, 147)<br>Shallow Dark Surface<br>in in Remarks)   
  | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br> | Rarden silt<br>group):<br>ion (Describe to If<br>Bottom<br>Depth<br>12<br>20<br><br><br><br><br><br><br><br><br><br><br><br><br>-   | loam  e depth needed to document the indicat  Horizon  2  dicators (check here  rface MLRA 147, 148)             | r or confirm the absen<br>Color (1<br>10YR<br>2.5Y<br><br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dan<br>F2 - Loamy (C<br>F3 - Depleter<br>F6 - Redox D<br>F7 - Depleter<br>F8 - Redox D  | ee of Indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-           | (Type: C=Concer<br>95<br>90<br><br><br><br><br><br><br><br><br><br>-  | Series Dr<br>rration, D=Depler<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 14                                 | ainage Class:<br>ion, RM=Reduced Matrix, 1<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br>-                         | Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>   | vell drained           1 Grains: Location: PL           Type           C <tr tr="">        &lt;</tr>   
   | =Pore Lining, M=Matrix) Location M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Explai) | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><b>r Problematic Soils 1</b><br>luck (MLRA 147)<br>Traifie Redox (MLRA 147, 148)<br>Floodplain Soils (MLRA 148, 147)<br>Shallow Dark Surface<br>in in Remarks)  | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br> | Rarden silt<br>group):<br>ion (Describe to II<br>Bottom<br>Depth<br>12<br>20<br><br><br><br><br><br><br><br><br><br><br>coil Field In<br>don<br>ulfide<br>yers<br>( (LRR N)<br>selow Dark Su<br>Surface<br>Surface<br>( Mineral (LRR N)<br>selow Dark Su<br>Surface<br>Surface<br>Matrix<br>Type: | loam  e depth needed to document the indicat  Horizon  2     dicators (check heree  fface  MLRA 147, 148)  N/A | r or confirm the absert<br>Color (1<br>10YR<br>2.5Y<br><br><br><br><br><br><br><br><br><br>-   | ee of Indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-           | (Type: C=Concer<br>95<br>95<br>90<br><br><br><br><br><br><br>   | Series Dr<br>rration, D=Depler<br>Col<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 14          | ainage Class:<br>ion, RM=Reduced Matrix, 0<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br>-                         | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>         | vell drained           1 Grains: Location: PL           Type           C           C <tr tr=""> <td< td=""><td>=Pore Lining, M=Matrix) Location M M</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt y clay loam   Shallow Dark Suface</td></td<></tr> <tr><td>SOILS Map Unit Name: Taxonomy (Subg Profile Descript  Top Depth 0 12</td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coll Field Ind<br/>don<br/>ulfide<br/>yers<br/>( LRR N)<br/>Below Dark Su<br/>Surface<br/>( Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  2  dicators (check heree  rface MLRA 147, 148)  N/A</td><td>r or confirm the absention of the second sec</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90</td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/><br/><br/><br/><br/>): Ø<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 1<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           d grains; Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt loam   &lt;</td></td<></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>: (LRR N)<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A</td><td>r or confirm the abservert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dar<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type:
C=Concer<br/>%<br/>95<br/>90<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14)</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           I grains; Location: PL           Type           C   </td><td>=Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><br/><b>r</b><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/></td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>c (LRR N)<br/>kelow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2     dicators (check here  rface  MLRA 147, 148)  N/A</td><td>r or confirm the absen<br/>Color ([<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 147, 147, 147, 147, 147, 147, 147,</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately v<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained</td><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><br/><br/><b>Problematic Soils</b><sup>1</sup><br/>Iuck (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>in in Remarks)<br/>drology must be present, unless disturbed or problematic<br/>Yes ☑ No</td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coil Field In-<br/>don<br/>ulfide<br/>yers<br/>(LRR N)<br/>selow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A</td><td>r or confirm the absen<br/>Color ((<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F6 - Redox D<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>Moist)<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/>e</td><td>Series Dr<br/>tration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>): Ø</td><td>ainage Class:<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/>F12 - Iror<br/>F13 - Um<br/>F19 - Pie<br/><sup>(8)</sup><br/>F21 - Rec</td><td>Moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains; Location: PL           Type           C   </td><td>Pore Lining, M=Matrix<br/>Location<br/>M<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Texture<br/>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)</td></tr></td></tr> | =Pore Lining, M=Matrix) Location M M   | Texture         (e.g. clay, sand, loam)         silt loam         silt y clay loam   Shallow Dark Suface | SOILS Map Unit Name: Taxonomy (Subg Profile Descript  Top Depth 0 12   | Rarden silt<br>group):<br>ion (Describe to the<br>Depth<br>12<br>20<br><br><br><br><br><br>coll Field Ind<br>don<br>ulfide<br>yers<br>( LRR N)<br>Below Dark Su<br>Surface<br>( Mineral (LRR N<br>ed Matrix<br>Type: | loam  e depth needed to document the indicat  Horizon  2  dicators (check heree  rface MLRA 147, 148)  N/A       | r or confirm the absention of the second sec | ee of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>- | (Type: C=Concer<br>%<br>95<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90   | Series Dr<br>rration, D=Depler<br>Col<br>10YR<br><br><br><br><br>): Ø<br>(MLRA 147, 14                                       | ainage Class:<br>ion, RM=Reduced Matrix, 1<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br> | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>         | vell drained           d grains; Location: PL           Type           C           C <tr tr=""> <td< td=""><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt loam   &lt;</td></td<></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>: (LRR N)<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A</td><td>r or confirm the abservert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dar<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14)</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           I grains; Location: PL           Type           C   </td><td>=Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><br/><b>r</b><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/></td></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>c (LRR N)<br/>kelow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2     dicators (check here  rface  MLRA 147, 148)  N/A</td><td>r or confirm the absen<br/>Color ([<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type:
C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 147, 147, 147, 147, 147, 147, 147,</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately v<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained</td><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><br/><br/><b>Problematic Soils</b><sup>1</sup><br/>Iuck (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>in in Remarks)<br/>drology must be present, unless disturbed or problematic<br/>Yes ☑ No</td></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coil Field In-<br/>don<br/>ulfide<br/>yers<br/>(LRR N)<br/>selow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A</td><td>r or confirm the absen<br/>Color ((<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F6 - Redox D<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>Moist)<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/>e</td><td>Series Dr<br/>tration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>): Ø</td><td>ainage Class:<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/>F12 - Iror<br/>F13 - Um<br/>F19 - Pie<br/><sup>(8)</sup><br/>F21 - Rec</td><td>Moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains; Location: PL           Type           C   </td><td>Pore Lining, M=Matrix<br/>Location<br/>M<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Texture<br/>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)</td></tr> | Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla   | Texture         (e.g. clay, sand, loam)         silt loam         silt loam   <  | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br>        | Rarden silt<br>group):<br>ion (Describe to the<br>Depth<br>12<br>20<br><br><br><br><br>coil Field Ind<br>don<br>ulfide<br>yers<br>: (LRR N)<br>ed Matrix<br>Type:   | loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A     | r or confirm the abservert<br>Color (1<br>10YR<br>2.5Y<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dar<br>F2 - Loamy C<br>F3 - Depleted<br>F7 - Depleted<br>F8 - Redox D                 | ee of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-           | (Type: C=Concer<br>%<br>95<br>90<br>90<br><br><br><br><br><br><br><br><br><br><br><br>oresent<br>ark Surface<br>(MLRA 147, 148)<br>rix<br>e<br>s<br>S<br>N/A            | Series Dr<br>rration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 14)                                | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br>                        | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br><br><br> | vell drained           I grains; Location: PL           Type           C | =Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><b>r</b><br><br><b>r</b><br><br><b>r</b><br><br><b>r</b><br><br><br><b>r</b><br><br><br><br><br><br><br><br><br><br><br><br><br>  | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br> | Rarden silt<br>group):<br>ion (Describe to the<br>Depth<br>12<br>20<br><br><br><br><br>coil Field Ind<br>don<br>ulfide<br>yers<br>c (LRR N)<br>kelow Dark Su<br>Surface<br>Mineral (LRR N<br>ed Matrix<br>Type: | loam  e depth needed to document the indicat  Horizon  1  2     dicators (check here  rface  MLRA 147, 148)  N/A | r or confirm the absen<br>Color ([<br>10YR<br>2.5Y<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S9 - Thin Dai<br>F2 - Loamy C<br>F3 - Depleter<br>F6 - Redox D<br>F7 - Depleter<br>F8 - Redox D                      | ee of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-           | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br><br><br><br>oresent<br>ark Surface<br>(MLRA 147, 148)<br>rix<br>e<br>s<br>S<br>N/A              | Series Dr<br>rration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 147, 147, 147, 147, 147, 147, 147, | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br>                        | moderately v<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br> | vell drained   | Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><br><br><b>Problematic Soils</b> <sup>1</sup><br>Iuck (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>in in Remarks)<br>drology must be present, unless disturbed or problematic<br>Yes ☑ No | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br> | Rarden silt<br>group):<br>ion (Describe the<br>Depth<br>12<br>20<br><br><br><br><br><br>coil Field In-<br>don<br>ulfide<br>yers<br>(LRR N)<br>selow Dark Su<br>Surface<br>Mineral (LRR N<br>ed Matrix<br>Type: | loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A | r or confirm the absen<br>Color ((<br>10YR<br>2.5Y<br><br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dai<br>F2 - Loamy C<br>F3 - Depleted<br>F6 - Redox D<br>F7 - Depleted<br>F8 - Redox D | ee of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>- | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br><br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br>e | Series Dr<br>tration, D=Depler<br>Col<br>10YR<br>10YR<br><br><br><br><br>): Ø | ainage Class:<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br>F12 - Iror<br>F13 - Um<br>F19 - Pie<br><sup>(8)</sup><br>F21 - Rec | Moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br> | vell drained           1 Grains; Location: PL           Type           C | Pore Lining, M=Matrix<br>Location<br>M<br><br><br><br><br><br><br><br><br> | Texture<br>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147) |
| Pore Lining, M-Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Explain   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br>   |  |  |  |   |  |   |  |  
   
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br>   | Rarden silt<br>group):<br>ion (Describe the<br>Depth<br>12<br>20<br><br><br><br><br><br><br>coil Field Ind<br>don<br>ulfide<br>yers<br>(LRR N)<br>Selow Dark Su<br>Surface  | loam e depth needed to document the indicat Horizon 1 2 dicators (check here                                     | r or confirm the absen<br>Color ((<br>10YR<br>2.5Y<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dai<br>F2 - Loamy C<br>F3 - Depleted<br>F6 - Redox D  | ee of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-  | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br><br><br>e-<br><br>-   | Series Dr<br>tration, D=Deplet<br>Col<br>10YR<br><br><br><br>):<br>(MLRA 147, 14   | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br>-                           | Moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>                          | vell drained           I grains; Location: PL           Type           C           C <tr tr=""> <td< td=""><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmont TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><br/>r Problematic Soils 1<br/>luck (MLRA 147)<br/>rairie Redox (MLRA 147, 148)<br/>Floodplain Soils (MLRA 136, 147)<br/>Shallow Dark Surface<br/>in in Remarks)</td></td<></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Bottom<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/><br/><br/><br/>coil Field In-<br/>don<br/>ulfide<br/>yers<br/>: (LRR N)<br/>selow Dark Su<br/>: Surface<br/>: Surface</td><td>loam  e depth needed to document the indicat  Horizon  2  dicators (check here fface</td><td>r or confirm the absert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dar<br/>F2 - Loamy (C<br/>F3 - Depleter<br/>F6 - Redox L<br/>F7 - Depleter</td><td>ee of Indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>ace</td><td>Series Dr<br/>tration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14</td><td>ainage Class:<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>Moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains; Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>Pore Lining. M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/>rProblematic Soils 1<br/>luck (MLRA 147)<br/>trairie Redox (MLRA 147, 148)<br/>Floodplain Soils (MLRA 138, 147)<br/>Shallow Dark Surface<br/>in in Remarks)</td></td<></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to If<br/>Bottom<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>loam  e depth needed to document the indicat  Horizon  2  dicators (check here  rface MLRA 147, 148)</td><td>r or confirm the absen<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dan<br/>F2 - Loamy (C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of Indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 1<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains: Location: PL           Type           C   <tr tr="">        &lt;</tr></td><td>=Pore Lining, M=Matrix) Location M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Explai)</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r Problematic Soils 1</b><br/>luck (MLRA 147)<br/>Traifie Redox (MLRA 147, 148)<br/>Floodplain Soils (MLRA 148, 147)<br/>Shallow Dark Surface<br/>in in Remarks)</td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to II<br/>Bottom<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>coil Field In<br/>don<br/>ulfide<br/>yers<br/>( (LRR N)<br/>selow Dark Su<br/>Surface<br/>Surface<br/>( Mineral (LRR N)<br/>selow Dark Su<br/>Surface<br/>Surface<br/>Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  2     dicators (check heree  fface  MLRA 147, 148)  N/A</td><td>r or confirm the absert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>ee of Indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>95<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/></td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 0<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains: Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>=Pore Lining, M=Matrix) Location M M</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt y clay loam   Shallow Dark Suface</td></td<></tr><tr><td>SOILS Map Unit Name: Taxonomy (Subg Profile Descript  Top Depth 0 12</td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coll Field Ind<br/>don<br/>ulfide<br/>yers<br/>( LRR N)<br/>Below Dark Su<br/>Surface<br/>( Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  2  dicators (check heree  rface MLRA 147, 148)  N/A</td><td>r or confirm the absention of the second sec</td><td>ee of
indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90</td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/><br/><br/><br/><br/>): Ø<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 1<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           d grains; Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt loam   &lt;</td></td<></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>: (LRR N)<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A</td><td>r or confirm the abservert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dar<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14)</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           I grains; Location: PL           Type           C   </td><td>=Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><br/><b>r</b><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/></td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>c (LRR N)<br/>kelow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2     dicators (check here  rface  MLRA 147, 148)  N/A</td><td>r or confirm the absen<br/>Color ([<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 147, 147, 147, 147, 147, 147, 147,</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately v<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained</td><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><br/><br/><b>Problematic Soils</b><sup>1</sup><br/>Iuck (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>in in Remarks)<br/>drology must be present, unless disturbed or problematic<br/>Yes ☑ No</td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coil Field In-<br/>don<br/>ulfide<br/>yers<br/>(LRR N)<br/>selow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A</td><td>r or confirm the absen<br/>Color ((<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F6 - Redox D<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>Moist)<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/>e</td><td>Series Dr<br/>tration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>): Ø</td><td>ainage Class:<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/>F12 - Iror<br/>F13 - Um<br/>F19 - Pie<br/><sup>(8)</sup><br/>F21 - Rec</td><td>Moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains; Location: PL           Type           C   </td><td>Pore Lining, M=Matrix<br/>Location<br/>M<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Texture<br/>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)</td></tr></td></tr></td></tr></td></tr>  | Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmont TF12 - Very Other (Expla  | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><br>r Problematic Soils 1<br>luck (MLRA 147)<br>rairie Redox (MLRA 147, 148)<br>Floodplain Soils (MLRA 136, 147)<br>Shallow Dark Surface<br>in in Remarks)  | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br> | Rarden silt<br>group):<br>ion (Describe to the<br>Bottom<br>Depth<br>12<br>20<br><br><br><br><br><br><br><br><br>coil Field In-<br>don<br>ulfide<br>yers<br>: (LRR N)<br>selow Dark Su<br>: Surface<br>: Surface     | loam  e depth needed to document the indicat  Horizon  2  dicators (check here fface                         | r or confirm the absert<br>Color (1<br>10YR<br>2.5Y<br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dar<br>F2 - Loamy (C<br>F3 - Depleter<br>F6 - Redox L<br>F7 -
Depleter   | ee of Indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-           | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br>oresent<br>ark Surface<br>(MLRA 147, 148)<br>rix<br>e<br>ace                         | Series Dr<br>tration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 14  | ainage Class:<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br><br>-                         | Moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>         | vell drained           1 Grains; Location: PL           Type           C           C <tr tr=""> <td< td=""><td>Pore Lining. M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/>rProblematic Soils 1<br/>luck (MLRA 147)<br/>trairie Redox (MLRA 147, 148)<br/>Floodplain Soils (MLRA 138, 147)<br/>Shallow Dark Surface<br/>in in Remarks)</td></td<></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to If<br/>Bottom<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>loam  e depth needed to document the indicat  Horizon  2  dicators (check here  rface MLRA 147, 148)</td><td>r or confirm the absen<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dan<br/>F2 - Loamy (C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of Indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 1<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains: Location: PL           Type           C   <tr tr="">        &lt;</tr></td><td>=Pore Lining, M=Matrix) Location M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Explai)</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r Problematic Soils 1</b><br/>luck (MLRA 147)<br/>Traifie Redox (MLRA 147, 148)<br/>Floodplain Soils (MLRA 148, 147)<br/>Shallow Dark Surface<br/>in in Remarks)</td></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to II<br/>Bottom<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>coil Field In<br/>don<br/>ulfide<br/>yers<br/>( (LRR N)<br/>selow Dark Su<br/>Surface<br/>Surface<br/>( Mineral (LRR N)<br/>selow Dark Su<br/>Surface<br/>Surface<br/>Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  2     dicators (check heree  fface  MLRA 147, 148)  N/A</td><td>r or confirm the absert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>ee of Indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>95<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/></td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 0<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains: Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>=Pore Lining, M=Matrix) Location M M</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt y clay loam   Shallow Dark Suface</td></td<></tr><tr><td>SOILS Map Unit Name: Taxonomy (Subg Profile Descript  Top Depth 0 12</td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coll Field Ind<br/>don<br/>ulfide<br/>yers<br/>( LRR N)<br/>Below Dark Su<br/>Surface<br/>( Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  2  dicators (check heree  rface MLRA 147, 148)  N/A</td><td>r or confirm the absention of the second sec</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90</td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/><br/><br/><br/><br/>): Ø<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 1<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           d grains; Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt loam   &lt;</td></td<></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>: (LRR N)<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A</td><td>r or confirm the abservert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dar<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14)</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           I grains; Location: PL           Type           C   </td><td>=Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt
loam<br/><br/><br/><br/><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><br/><b>r</b><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/></td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>c (LRR N)<br/>kelow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2     dicators (check here  rface  MLRA 147, 148)  N/A</td><td>r or confirm the absen<br/>Color ([<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 147, 147, 147, 147, 147, 147, 147,</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately v<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained</td><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><br/><br/><b>Problematic Soils</b><sup>1</sup><br/>Iuck (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>in in Remarks)<br/>drology must be present, unless disturbed or problematic<br/>Yes ☑ No</td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coil Field In-<br/>don<br/>ulfide<br/>yers<br/>(LRR N)<br/>selow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A</td><td>r or confirm the absen<br/>Color ((<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F6 - Redox D<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>Moist)<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/>e</td><td>Series Dr<br/>tration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>): Ø</td><td>ainage Class:<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/>F12 - Iror<br/>F13 - Um<br/>F19 - Pie<br/><sup>(8)</sup><br/>F21 - Rec</td><td>Moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains; Location: PL           Type           C   </td><td>Pore Lining, M=Matrix<br/>Location<br/>M<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Texture<br/>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)</td></tr></td></tr></td></tr>   | Pore Lining. M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br>rProblematic Soils 1<br>luck (MLRA 147)<br>trairie Redox (MLRA 147, 148)<br>Floodplain Soils (MLRA 138, 147)<br>Shallow Dark Surface<br>in in Remarks)               | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br> | Rarden silt<br>group):<br>ion (Describe to If<br>Bottom<br>Depth<br>12<br>20<br><br><br><br><br><br><br><br><br><br><br><br><br>-   | loam  e depth needed to document the indicat  Horizon  2  dicators (check here  rface MLRA 147, 148)             | r or confirm the absen<br>Color (1<br>10YR<br>2.5Y<br><br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dan<br>F2 - Loamy (C<br>F3 - Depleter<br>F6 - Redox D<br>F7 - Depleter<br>F8 - Redox D | ee of Indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>- | (Type: C=Concer<br>95<br>90<br><br><br><br><br><br><br><br><br><br>-   | Series Dr<br>rration, D=Depler<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 14                                 | ainage Class:<br>ion, RM=Reduced Matrix, 1<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br>-  | Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>   | vell drained           1 Grains: Location: PL           Type           C <tr tr="">        &lt;</tr>   
   
  | =Pore Lining, M=Matrix) Location M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Explai)  | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><b>r Problematic Soils 1</b><br>luck (MLRA 147)<br>Traifie Redox (MLRA 147, 148)<br>Floodplain Soils (MLRA 148, 147)<br>Shallow Dark Surface<br>in in Remarks)  | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br> | Rarden silt<br>group):<br>ion (Describe to II<br>Bottom<br>Depth<br>12<br>20<br><br><br><br><br><br><br><br><br><br><br>coil Field In<br>don<br>ulfide<br>yers<br>( (LRR N)<br>selow Dark Su<br>Surface<br>Surface<br>( Mineral (LRR N)<br>selow Dark Su<br>Surface<br>Surface<br>Matrix<br>Type: | loam  e depth needed to document the indicat  Horizon  2     dicators (check heree  fface  MLRA 147, 148)  N/A   | r or confirm the absert<br>Color (1<br>10YR<br>2.5Y<br><br><br><br><br><br><br><br><br><br>-   | ee of Indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-           | (Type: C=Concer<br>95<br>95<br>90<br><br><br><br><br><br><br>   | Series Dr<br>rration, D=Depler<br>Col<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 14   | ainage Class:<br>ion, RM=Reduced Matrix, 0<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br>-                         | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br> | vell drained           1 Grains: Location: PL           Type           C           C <tr tr=""> <td< td=""><td>=Pore Lining, M=Matrix) Location M M</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt y clay loam   Shallow Dark Suface</td></td<></tr> <tr><td>SOILS Map Unit Name: Taxonomy (Subg Profile Descript  Top Depth 0 12</td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coll Field Ind<br/>don<br/>ulfide<br/>yers<br/>( LRR N)<br/>Below Dark Su<br/>Surface<br/>( Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  2  dicators (check heree  rface MLRA 147, 148)  N/A</td><td>r or confirm the absention of the second sec</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90</td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/><br/><br/><br/><br/>): Ø<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 1<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           d grains; Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt loam   &lt;</td></td<></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>: (LRR N)<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A</td><td>r or confirm the abservert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dar<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14)</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           I grains; Location: PL           Type           C   </td><td>=Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><br/><b>r</b><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/></td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>c (LRR N)<br/>kelow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2     dicators (check here  rface  MLRA 147, 148)  N/A</td><td>r or confirm the absen<br/>Color ([<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if
indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 147, 147, 147, 147, 147, 147, 147,</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately v<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained</td><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><br/><br/><b>Problematic Soils</b><sup>1</sup><br/>Iuck (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>in in Remarks)<br/>drology must be present, unless disturbed or problematic<br/>Yes ☑ No</td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coil Field In-<br/>don<br/>ulfide<br/>yers<br/>(LRR N)<br/>selow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A</td><td>r or confirm the absen<br/>Color ((<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F6 - Redox D<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>Moist)<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/>e</td><td>Series Dr<br/>tration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>): Ø</td><td>ainage Class:<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/>F12 - Iror<br/>F13 - Um<br/>F19 - Pie<br/><sup>(8)</sup><br/>F21 - Rec</td><td>Moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains; Location: PL           Type           C   </td><td>Pore Lining, M=Matrix<br/>Location<br/>M<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Texture<br/>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)</td></tr></td></tr> | =Pore Lining, M=Matrix) Location M M  | Texture         (e.g. clay, sand, loam)         silt loam         silt y clay loam   Shallow Dark Suface   | SOILS Map Unit Name: Taxonomy (Subg Profile Descript  Top Depth 0 12   | Rarden silt<br>group):<br>ion (Describe to the<br>Depth<br>12<br>20<br><br><br><br><br><br>coll Field Ind<br>don<br>ulfide<br>yers<br>( LRR N)<br>Below Dark Su<br>Surface<br>( Mineral (LRR N<br>ed Matrix<br>Type:  | loam  e depth needed to document the indicat  Horizon  2  dicators (check heree  rface MLRA 147, 148)  N/A     | r or confirm the absention of the second sec | ee of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-           | (Type: C=Concer<br>%<br>95<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90  | Series Dr<br>rration, D=Depler<br>Col<br>10YR<br><br><br><br><br>): Ø<br>(MLRA 147, 14        | ainage Class:<br>ion, RM=Reduced Matrix, 1<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br>                      | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>         | vell drained           d grains; Location: PL           Type           C           C <tr tr=""> <td< td=""><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt loam   &lt;</td></td<></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>: (LRR N)<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A</td><td>r or confirm the abservert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dar<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14)</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           I grains; Location: PL           Type           C   </td><td>=Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><br/><b>r</b><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/></td></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>c (LRR N)<br/>kelow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2     dicators (check here  rface  MLRA 147, 148)  N/A</td><td>r or confirm the absen<br/>Color ([<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 147, 147, 147, 147, 147, 147, 147,</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately v<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained</td><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><br/><br/><b>Problematic Soils</b><sup>1</sup><br/>Iuck (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>in in Remarks)<br/>drology must be present, unless disturbed or problematic<br/>Yes ☑ No</td></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coil Field In-<br/>don<br/>ulfide<br/>yers<br/>(LRR N)<br/>selow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A</td><td>r or confirm the absen<br/>Color
((<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F6 - Redox D<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>Moist)<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/>e</td><td>Series Dr<br/>tration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>): Ø</td><td>ainage Class:<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/>F12 - Iror<br/>F13 - Um<br/>F19 - Pie<br/><sup>(8)</sup><br/>F21 - Rec</td><td>Moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains; Location: PL           Type           C   </td><td>Pore Lining, M=Matrix<br/>Location<br/>M<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Texture<br/>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)</td></tr>   | Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla   | Texture         (e.g. clay, sand, loam)         silt loam         silt loam   <                        | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br>        | Rarden silt<br>group):<br>ion (Describe to the<br>Depth<br>12<br>20<br><br><br><br><br>coil Field Ind<br>don<br>ulfide<br>yers<br>: (LRR N)<br>ed Matrix<br>Type:  | loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A     | r or confirm the abservert<br>Color (1<br>10YR<br>2.5Y<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dar<br>F2 - Loamy C<br>F3 - Depleted<br>F7 - Depleted<br>F8 - Redox D   | ee of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>- | (Type: C=Concer<br>%<br>95<br>90<br>90<br><br><br><br><br><br><br><br><br><br><br><br>oresent<br>ark Surface<br>(MLRA 147, 148)<br>rix<br>e<br>s<br>S<br>N/A | Series Dr<br>rration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 14)                                | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br>   | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br><br><br> | vell drained           I grains; Location: PL           Type           C   
   | =Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><b>r</b><br><br><b>r</b><br><br><b>r</b><br><br><b>r</b><br><br><br><b>r</b><br><br><br><br><br><br><br><br><br><br><br><br><br>  | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br> | Rarden silt<br>group):<br>ion (Describe to the<br>Depth<br>12<br>20<br><br><br><br><br>coil Field Ind<br>don<br>ulfide<br>yers<br>c (LRR N)<br>kelow Dark Su<br>Surface<br>Mineral (LRR N<br>ed Matrix<br>Type: | loam  e depth needed to document the indicat  Horizon  1  2     dicators (check here  rface  MLRA 147, 148)  N/A | r or confirm the absen<br>Color ([<br>10YR<br>2.5Y<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S9 - Thin Dai<br>F2 - Loamy C<br>F3 - Depleter<br>F6 - Redox D<br>F7 - Depleter<br>F8 - Redox D                      | ee of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-           | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br><br><br><br>oresent<br>ark Surface<br>(MLRA 147, 148)<br>rix<br>e<br>s<br>S<br>N/A              | Series Dr<br>rration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 147, 147, 147, 147, 147, 147, 147, | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br>                        | moderately v<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>         | vell drained   | Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><br><br><b>Problematic Soils</b> <sup>1</sup><br>Iuck (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>in in Remarks)<br>drology must be present, unless disturbed or problematic<br>Yes ☑ No | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br> | Rarden silt<br>group):<br>ion (Describe the<br>Depth<br>12<br>20<br><br><br><br><br><br>coil Field In-<br>don<br>ulfide<br>yers<br>(LRR N)<br>selow Dark Su<br>Surface<br>Mineral (LRR N<br>ed Matrix<br>Type:  | loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A           | r or confirm the absen<br>Color ((<br>10YR<br>2.5Y<br><br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dai<br>F2 - Loamy C<br>F3 - Depleted<br>F6 - Redox D<br>F7 - Depleted<br>F8 - Redox D | ee of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>- | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br><br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br>e | Series Dr<br>tration, D=Depler<br>Col<br>10YR<br>10YR<br><br><br><br><br>): Ø  | ainage Class:<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br>F12 - Iror<br>F13 - Um<br>F19 - Pie<br><sup>(8)</sup><br>F21 - Rec | Moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br> | vell drained           1 Grains; Location: PL           Type           C | Pore Lining, M=Matrix<br>Location<br>M<br><br><br><br><br><br><br><br><br>   | Texture<br>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)   |  |  |  |  |   
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br>   | Rarden silt<br>group):<br>ion (Describe to the<br>Bottom<br>Depth<br>12<br>20<br><br><br><br><br><br><br><br><br>coil Field In-<br>don<br>ulfide<br>yers<br>: (LRR N)<br>selow Dark Su<br>: Surface<br>: Surface  | loam  e depth needed to document the indicat  Horizon  2  dicators (check here fface                             | r or confirm the absert<br>Color (1<br>10YR<br>2.5Y<br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dar<br>F2 - Loamy (C<br>F3 - Depleter<br>F6 - Redox L<br>F7 - Depleter   | ee of Indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-            | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br>oresent<br>ark Surface<br>(MLRA 147, 148)<br>rix<br>e<br>ace                                    | Series Dr<br>tration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 14                                 | ainage Class:<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br><br>-  | Moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>                          | vell drained           1 Grains; Location: PL           Type           C           C <tr tr=""> <td< td=""><td>Pore Lining. M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/>rProblematic Soils 1<br/>luck (MLRA 147)<br/>trairie Redox (MLRA 147, 148)<br/>Floodplain Soils (MLRA 138, 147)<br/>Shallow Dark Surface<br/>in in Remarks)</td></td<></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to If<br/>Bottom<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>loam  e depth needed to document the indicat  Horizon  2  dicators (check here  rface MLRA 147, 148)</td><td>r or confirm the absen<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dan<br/>F2 - Loamy (C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of Indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 1<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains: Location: PL           Type           C   <tr tr="">        &lt;</tr></td><td>=Pore Lining, M=Matrix) Location M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Explai)</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r Problematic Soils 1</b><br/>luck (MLRA 147)<br/>Traifie Redox (MLRA 147, 148)<br/>Floodplain Soils (MLRA 148, 147)<br/>Shallow Dark Surface<br/>in in Remarks)</td></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to II<br/>Bottom<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>coil Field In<br/>don<br/>ulfide<br/>yers<br/>( (LRR N)<br/>selow Dark Su<br/>Surface<br/>Surface<br/>( Mineral (LRR N)<br/>selow Dark Su<br/>Surface<br/>Surface<br/>Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  2     dicators (check heree  fface  MLRA 147, 148)  N/A</td><td>r or confirm the absert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>ee of Indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>95<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/></td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 0<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains: Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>=Pore Lining, M=Matrix) Location M M</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt y clay loam   Shallow Dark Suface</td></td<></tr><tr><td>SOILS Map Unit Name: Taxonomy (Subg Profile Descript  Top Depth 0 12</td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coll Field Ind<br/>don<br/>ulfide<br/>yers<br/>( LRR N)<br/>Below Dark Su<br/>Surface<br/>( Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  2  dicators (check heree  rface MLRA 147, 148)  N/A</td><td>r or confirm the absention of the second sec</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90</td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/><br/><br/><br/><br/>): Ø<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 1<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           d grains; Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt loam   &lt;</td></td<></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>: (LRR N)<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A</td><td>r or confirm the abservert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dar<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type:
C=Concer<br/>%<br/>95<br/>90<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14)</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           I grains; Location: PL           Type           C   </td><td>=Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><br/><b>r</b><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/></td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>c (LRR N)<br/>kelow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2     dicators (check here  rface  MLRA 147, 148)  N/A</td><td>r or confirm the absen<br/>Color ([<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 147, 147, 147, 147, 147, 147, 147,</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately v<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained</td><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><br/><br/><b>Problematic Soils</b><sup>1</sup><br/>Iuck (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>in in Remarks)<br/>drology must be present, unless disturbed or problematic<br/>Yes ☑ No</td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coil Field In-<br/>don<br/>ulfide<br/>yers<br/>(LRR N)<br/>selow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A</td><td>r or confirm the absen<br/>Color ((<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F6 - Redox D<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>Moist)<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/>e</td><td>Series Dr<br/>tration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>): Ø</td><td>ainage Class:<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/>F12 - Iror<br/>F13 - Um<br/>F19 - Pie<br/><sup>(8)</sup><br/>F21 - Rec</td><td>Moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains; Location: PL           Type           C   </td><td>Pore Lining, M=Matrix<br/>Location<br/>M<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Texture<br/>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)</td></tr></td></tr></td></tr>  | Pore Lining. M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br>rProblematic Soils 1<br>luck (MLRA 147)<br>trairie Redox (MLRA 147, 148)<br>Floodplain Soils (MLRA 138, 147)<br>Shallow Dark Surface<br>in in Remarks)  | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br> | Rarden silt<br>group):<br>ion (Describe to If<br>Bottom<br>Depth<br>12<br>20<br><br><br><br><br><br><br><br><br><br><br><br><br>-  | loam  e depth needed to document the indicat  Horizon  2  dicators (check here  rface MLRA 147, 148)         | r or confirm the absen<br>Color (1<br>10YR<br>2.5Y<br><br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dan<br>F2 - Loamy (C<br>F3 - Depleter<br>F6 - Redox D<br>F7 - Depleter<br>F8 - Redox D                                 
  | ee of Indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-           | (Type: C=Concer<br>95<br>90<br><br><br><br><br><br><br><br><br><br>-   | Series Dr<br>rration, D=Depler<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 14  | ainage Class:<br>ion, RM=Reduced Matrix, 1<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br>-    | Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>   | vell drained           1 Grains: Location: PL           Type           C <tr tr="">        &lt;</tr>   
  | =Pore Lining, M=Matrix) Location M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Explai)  | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><b>r Problematic Soils 1</b><br>luck (MLRA 147)<br>Traifie Redox (MLRA 147, 148)<br>Floodplain Soils (MLRA 148, 147)<br>Shallow Dark Surface<br>in in Remarks)   | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br> | Rarden silt<br>group):<br>ion (Describe to II<br>Bottom<br>Depth<br>12<br>20<br><br><br><br><br><br><br><br><br><br><br>coil Field In<br>don<br>ulfide<br>yers<br>( (LRR N)<br>selow Dark Su<br>Surface<br>Surface<br>( Mineral (LRR N)<br>selow Dark Su<br>Surface<br>Surface<br>Matrix<br>Type: | loam  e depth needed to document the indicat  Horizon  2     dicators (check heree  fface  MLRA 147, 148)  N/A   | r or confirm the absert<br>Color (1<br>10YR<br>2.5Y<br><br><br><br><br><br><br><br><br><br>-  | ee of Indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>- | (Type: C=Concer<br>95<br>95<br>90<br><br><br><br><br><br><br>  | Series Dr<br>rration, D=Depler<br>Col<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 14   | ainage Class:<br>ion, RM=Reduced Matrix, 0<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br>-  | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>         | vell drained           1 Grains: Location: PL           Type           C           C <tr tr=""> <td< td=""><td>=Pore Lining, M=Matrix) Location M M</td><td>Texture         (e.g. clay, sand, loam)        
silt loam         silt y clay loam   Shallow Dark Suface</td></td<></tr> <tr><td>SOILS Map Unit Name: Taxonomy (Subg Profile Descript  Top Depth 0 12</td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coll Field Ind<br/>don<br/>ulfide<br/>yers<br/>( LRR N)<br/>Below Dark Su<br/>Surface<br/>( Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  2  dicators (check heree  rface MLRA 147, 148)  N/A</td><td>r or confirm the absention of the second sec</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90<br/>90</td><td>Series Dr<br/>rration, D=Depler<br/>Col<br/>10YR<br/><br/><br/><br/><br/>): Ø<br/>(MLRA 147, 14</td><td>ainage Class:<br/>ion, RM=Reduced Matrix, 1<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           d grains; 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Location: PL           Type           C   </td><td>Pore Lining, M=Matrix<br/>Location<br/>M<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Texture<br/>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)</td></tr></td></tr>   
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Location: PL           Type           C   </td><td>Pore Lining, M=Matrix<br/>Location<br/>M<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Texture<br/>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)</td></tr>   
   | Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla  | Texture         (e.g. clay, sand, loam)         silt loam         silt loam   <  | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br>        | Rarden silt<br>group):<br>ion (Describe to the<br>Depth<br>12<br>20<br><br><br><br><br>coil Field Ind<br>don<br>ulfide<br>yers<br>: (LRR N)<br>ed Matrix<br>Type:   | loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A   | r or confirm the abservert<br>Color (1<br>10YR<br>2.5Y<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dar<br>F2 - Loamy C<br>F3 - Depleted<br>F7 - Depleted<br>F8 - Redox D   | ee of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-           | (Type: C=Concer<br>%<br>95<br>90<br>90<br><br><br><br><br><br><br><br><br><br><br><br>oresent<br>ark Surface<br>(MLRA 147, 148)<br>rix<br>e<br>s<br>S<br>N/A            | Series Dr<br>rration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 14) | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br>                        | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br><br><br> | vell drained           I grains; Location: PL           Type           C  
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C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br><br><br><br>oresent<br>ark Surface<br>(MLRA 147, 148)<br>rix<br>e<br>s<br>S<br>N/A   | Series Dr<br>rration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 147, 147, 147, 147, 147, 147, 147, | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br>   | moderately v<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>         | vell drained   | Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><br><br><b>Problematic Soils</b> <sup>1</sup><br>Iuck (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>in in Remarks)<br>drology must be present, unless disturbed or problematic<br>Yes ☑ No | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br> | Rarden silt<br>group):<br>ion (Describe the<br>Depth<br>12<br>20<br><br><br><br><br><br>coil Field In-<br>don<br>ulfide<br>yers<br>(LRR N)<br>selow Dark Su<br>Surface<br>Mineral (LRR N<br>ed Matrix<br>Type:  | loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A           | r or confirm the absen<br>Color ((<br>10YR<br>2.5Y<br><br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dai<br>F2 - Loamy C<br>F3 - Depleted<br>F6 - Redox D<br>F7 - Depleted<br>F8 - Redox D | ee of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>- | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br><br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br>e | Series Dr<br>tration, D=Depler<br>Col<br>10YR<br>10YR<br><br><br><br><br>): Ø  | ainage Class:<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br>F12 - Iror<br>F13 - Um<br>F19 - Pie<br><sup>(8)</sup><br>F21 - Rec | Moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>         | vell drained           1 Grains; Location: PL           Type           C | Pore Lining, M=Matrix<br>Location<br>M<br><br><br><br><br><br><br><br><br>   | Texture<br>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)   |  |   |  |  |   
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Location: PL           Type           C   </td><td>=Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><br/><b>r</b><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/></td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>c (LRR N)<br/>kelow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2     dicators (check here  rface  MLRA 147, 148)  N/A</td><td>r or confirm the absen<br/>Color ([<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 147, 147, 147, 147, 147, 147, 147,</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately v<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained</td><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><br/><br/><b>Problematic Soils</b><sup>1</sup><br/>Iuck (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>in in Remarks)<br/>drology must be present, unless disturbed or problematic<br/>Yes ☑ No</td></tr><tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coil Field In-<br/>don<br/>ulfide<br/>yers<br/>(LRR N)<br/>selow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A</td><td>r or confirm the absen<br/>Color ((<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 -
Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F6 - Redox D<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>Moist)<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/>e</td><td>Series Dr<br/>tration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>): Ø</td><td>ainage Class:<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/>F12 - Iror<br/>F13 - Um<br/>F19 - Pie<br/><sup>(8)</sup><br/>F21 - Rec</td><td>Moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains; Location: PL           Type           C   </td><td>Pore Lining, M=Matrix<br/>Location<br/>M<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Texture<br/>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)</td></tr></td></tr>   | =Pore Lining, M=Matrix) Location M M   | Texture         (e.g. clay, sand, loam)         silt loam         silt y clay loam   Shallow Dark Suface   | SOILS Map Unit Name: Taxonomy (Subg Profile Descript  Top Depth 0 12   | Rarden silt<br>group):<br>ion (Describe to the<br>Depth<br>12<br>20<br><br><br><br><br><br>coll Field Ind<br>don<br>ulfide<br>yers<br>( LRR N)<br>Below Dark Su<br>Surface<br>( Mineral (LRR N<br>ed Matrix<br>Type: | loam  e depth needed to document the indicat  Horizon  2  dicators (check heree  rface MLRA 147, 148)  N/A   | r or confirm the absention of the second sec | ee of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-           | (Type: C=Concer<br>%<br>95<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90   | Series
Dr<br>rration, D=Depler<br>Col<br>10YR<br><br><br><br><br>): Ø<br>(MLRA 147, 14        | ainage Class:<br>ion, RM=Reduced Matrix, 1<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br> | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>         | vell drained           d grains; Location: PL           Type           C           C <tr tr=""> <td< td=""><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt loam   &lt;</td></td<></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>: (LRR N)<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A</td><td>r or confirm the abservert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dar<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14)</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           I grains; Location: PL           Type           C   </td><td>=Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><br/><b>r</b><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/></td></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>c (LRR N)<br/>kelow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2     dicators (check here  rface  MLRA 147, 148)  N/A</td><td>r or confirm the absen<br/>Color ([<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 147, 147, 147, 147, 147, 147, 147,</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately v<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained</td><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><br/><br/><b>Problematic Soils</b><sup>1</sup><br/>Iuck (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>in in Remarks)<br/>drology must be present, unless disturbed or problematic<br/>Yes ☑ No</td></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coil Field In-<br/>don<br/>ulfide<br/>yers<br/>(LRR N)<br/>selow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A</td><td>r or confirm the absen<br/>Color ((<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F6 - Redox D<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>Moist)<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/>e</td><td>Series Dr<br/>tration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>): Ø</td><td>ainage Class:<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/>F12 - Iror<br/>F13 - Um<br/>F19 - Pie<br/><sup>(8)</sup><br/>F21 - Rec</td><td>Moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains; Location: PL           Type           C   </td><td>Pore Lining, M=Matrix<br/>Location<br/>M<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Texture<br/>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)</td></tr>   
  | Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla   | Texture         (e.g. clay, sand, loam)         silt loam         silt loam   < | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br>        | Rarden silt<br>group):<br>ion (Describe to the<br>Depth<br>12<br>20<br><br><br><br><br>coil Field Ind<br>don<br>ulfide<br>yers<br>: (LRR N)<br>ed Matrix<br>Type:   | loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A     | r or confirm the abservert<br>Color (1<br>10YR<br>2.5Y<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dar<br>F2 - Loamy C<br>F3 - Depleted<br>F7 - Depleted<br>F8 - Redox D                  | ee of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>- | (Type: C=Concer<br>%<br>95<br>90<br>90<br><br><br><br><br><br><br><br><br><br><br><br>oresent<br>ark Surface<br>(MLRA 147, 148)<br>rix<br>e<br>s<br>S<br>N/A | Series Dr<br>rration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 14)                                | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br> | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br><br><br> | vell drained           I grains; Location: PL           Type           C   
   
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   | Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla  | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><br><br><b>Problematic Soils</b> <sup>1</sup><br>Iuck (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>in in Remarks)<br>drology must be present, unless disturbed or problematic<br>Yes ☑ No | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br> | Rarden silt<br>group):<br>ion (Describe the<br>Depth<br>12<br>20<br><br><br><br><br><br>coil Field In-<br>don<br>ulfide<br>yers<br>(LRR N)<br>selow Dark Su<br>Surface<br>Mineral (LRR N<br>ed Matrix<br>Type:  | loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A         | r or confirm the absen<br>Color ((<br>10YR<br>2.5Y<br><br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dai<br>F2 - Loamy C<br>F3 - Depleted<br>F6 - Redox D<br>F7 - Depleted<br>F8 - Redox D   | ee of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>- | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br><br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br>e | Series Dr<br>tration, D=Depler<br>Col<br>10YR<br>10YR<br><br><br><br><br>): Ø                 | ainage Class:<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br>F12 - Iror<br>F13 - Um<br>F19 - Pie<br><sup>(8)</sup><br>F21 - Rec | Moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>         | vell drained           1 Grains; Location: PL           Type           C  
  | Pore Lining, M=Matrix<br>Location<br>M<br><br><br><br><br><br><br><br><br>   | Texture<br>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)           |  |  |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SOILS Map Unit Name: Taxonomy (Subg Profile Descript  Top Depth 0 12   | Rarden silt<br>group):<br>ion (Describe to the<br>Depth<br>12<br>20<br><br><br><br><br><br>coll Field Ind<br>don<br>ulfide<br>yers<br>( LRR N)<br>Below Dark Su<br>Surface<br>( Mineral (LRR N<br>ed Matrix<br>Type:  | loam  e depth needed to document the indicat  Horizon  2  dicators (check heree  rface MLRA 147, 148)  N/A       | r or confirm the absention of the second sec | ee of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-            | (Type: C=Concer<br>%<br>95<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90<br>90  | Series Dr<br>rration, D=Depler<br>Col<br>10YR<br><br><br><br><br>): Ø<br>(MLRA 147, 14                                       | ainage Class:<br>ion, RM=Reduced Matrix, 1<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br>                      | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>                          | vell drained           d grains; Location: PL           Type           C           C <tr tr=""> <td< td=""><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture         (e.g. clay, sand, loam)         silt loam         silt loam   &lt;</td></td<></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>: (LRR N)<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A</td><td>r or confirm the abservert<br/>Color (1<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dar<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 14)</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           I grains; Location: PL           Type           C   </td><td>=Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><b>r</b><br/><br/><br/><b>r</b><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/></td></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe to the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/>coil Field Ind<br/>don<br/>ulfide<br/>yers<br/>c (LRR N)<br/>kelow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat  Horizon  1  2     dicators (check here  rface  MLRA 147, 148)  N/A</td><td>r or confirm the absen<br/>Color ([<br/>10YR<br/>2.5Y<br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleter<br/>F6 - Redox D<br/>F7 - Depleter<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>oresent<br/>ark Surface<br/>(MLRA 147, 148)<br/>rix<br/>e<br/>s<br/>S<br/>N/A</td><td>Series Dr<br/>rration, D=Deplet<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>):<br/>(MLRA 147, 147, 147, 147, 147, 147, 147, 147,</td><td>ainage Class:<br/>ion, RM=Reduced Matrix,<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>moderately v<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained</td><td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><br/><br/><b>Problematic Soils</b><sup>1</sup><br/>Iuck (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>Floodplain Soils (MLRA 147, 148)<br/>in in Remarks)<br/>drology must be present, unless disturbed or problematic<br/>Yes ☑ No</td></tr> <tr><td>SOILS<br/>Map Unit Name:<br/>Taxonomy (Subg<br/>Profile Descript<br/>Top<br/>Depth<br/>0<br/>12<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Rarden silt<br/>group):<br/>ion (Describe the<br/>Depth<br/>12<br/>20<br/><br/><br/><br/><br/><br/>coil Field In-<br/>don<br/>ulfide<br/>yers<br/>(LRR N)<br/>selow Dark Su<br/>Surface<br/>Mineral (LRR N<br/>ed Matrix<br/>Type:</td><td>loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A</td><td>r or confirm the absen<br/>Color ((<br/>10YR<br/>2.5Y<br/><br/><br/><br/><br/>if indicators<br/>S5 - Sandy R<br/>S6 - Stripped<br/>S7 - Dark Su<br/>S8 - Polyvalu<br/>S9 - Thin Dai<br/>F2 - Loamy C<br/>F3 - Depleted<br/>F6 - Redox D<br/>F7 - Depleted<br/>F8 - Redox D</td><td>ee of indicators.)<br/>Matrix<br/>Moist)<br/>5/3<br/>6/3<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>-</td><td>(Type: C=Concer<br/>%<br/>95<br/>90<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/><br/>e-<br/>e</td><td>Series Dr<br/>tration, D=Depler<br/>Col<br/>10YR<br/>10YR<br/><br/><br/><br/><br/>): Ø</td><td>ainage Class:<br/>or (Moist)<br/>3/4<br/>5/6<br/><br/><br/><br/><br/>F12 - Iror<br/>F13 - Um<br/>F19 - Pie<br/><sup>(8)</sup><br/>F21 - Rec</td><td>Moderately w<br/>CS=Covered/Coated Sand<br/>Mottles<br/>%<br/>5<br/>10<br/><br/><br/><br/><br/><br/><br/></td><td>vell drained           1 Grains; Location: PL           Type           C   </td><td>Pore Lining, M=Matrix<br/>Location<br/>M<br/><br/><br/><br/><br/><br/><br/><br/><br/></td><td>Texture<br/>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)</td></tr>   
   | Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla   | Texture         (e.g. clay, sand, loam)         silt loam         silt loam   <  | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br>        | Rarden silt<br>group):<br>ion (Describe to the<br>Depth<br>12<br>20<br><br><br><br><br>coil Field Ind<br>don<br>ulfide<br>yers<br>: (LRR N)<br>ed Matrix<br>Type:  | loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A | r or confirm the abservert<br>Color (1<br>10YR<br>2.5Y<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dar<br>F2 - Loamy C<br>F3 - Depleted<br>F7 - Depleted<br>F8 - Redox D   
   | ee of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-           | (Type: C=Concer<br>%<br>95<br>90<br>90<br><br><br><br><br><br><br><br><br><br><br><br>oresent<br>ark Surface<br>(MLRA 147, 148)<br>rix<br>e<br>s<br>S<br>N/A | Series Dr<br>rration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 14) | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br>   | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br><br><br> | vell drained           I grains; Location: PL           Type           C  
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   | Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><br><br><b>Problematic Soils</b> <sup>1</sup><br>Iuck (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>in in Remarks)<br>drology must be present, unless disturbed or problematic<br>Yes ☑ No | SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br> | Rarden silt<br>group):<br>ion (Describe the<br>Depth<br>12<br>20<br><br><br><br><br><br>coil Field In-<br>don<br>ulfide<br>yers<br>(LRR N)<br>selow Dark Su<br>Surface<br>Mineral (LRR N<br>ed Matrix<br>Type:  | loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A           | r or confirm the absen<br>Color ((<br>10YR<br>2.5Y<br><br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dai<br>F2 - Loamy C<br>F3 - Depleted<br>F6 - Redox D<br>F7 - Depleted<br>F8 - Redox D   | ee of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>- | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br><br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br>e | Series Dr<br>tration, D=Depler<br>Col<br>10YR<br>10YR<br><br><br><br><br>): Ø  | ainage Class:<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br>F12 - Iror<br>F13 - Um<br>F19 - Pie<br><sup>(8)</sup><br>F21 - Rec | Moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br> | vell drained           1 Grains; Location: PL           Type           C  
  | Pore Lining, M=Matrix<br>Location<br>M<br><br><br><br><br><br><br><br><br>  | Texture<br>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)   |  |   |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla   | Texture         (e.g. clay, sand, loam)         silt loam         silt loam   <   |  |  |  |   |  |   |  |  
   
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br>  | Rarden silt<br>group):<br>ion (Describe to the<br>Depth<br>12<br>20<br><br><br><br><br>coil Field Ind<br>don<br>ulfide<br>yers<br>: (LRR N)<br>ed Matrix<br>Type:   | loam  e depth needed to document the indicat  Horizon  1  2  dicators (check heree  rface MLRA 147, 148) N/A     | r or confirm the abservert<br>Color (1<br>10YR<br>2.5Y<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dar<br>F2 - Loamy C<br>F3 - Depleted<br>F7 - Depleted<br>F8 - Redox D   | ee of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-            | (Type: C=Concer<br>%<br>95<br>90<br>90<br><br><br><br><br><br><br><br><br><br><br><br>oresent<br>ark Surface<br>(MLRA 147, 148)<br>rix<br>e<br>s<br>S<br>N/A            | Series Dr<br>rration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 14)                                | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br>                        | moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br><br><br>                  | vell drained           I grains; Location: PL           Type           C   
   
   | =Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><b>r</b><br><br><b>r</b><br><br><b>r</b><br><br><b>r</b><br><br><br><b>r</b><br><br><br><br><br><br><br><br><br><br><br><br><br>  |  |  |  |  |   |  |   |  |   |   
   
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br>   | Rarden silt<br>group):<br>ion (Describe to the<br>Depth<br>12<br>20<br><br><br><br><br>coil Field Ind<br>don<br>ulfide<br>yers<br>c (LRR N)<br>kelow Dark Su<br>Surface<br>Mineral (LRR N<br>ed Matrix<br>Type:   | loam  e depth needed to document the indicat  Horizon  1  2     dicators (check here  rface  MLRA 147, 148)  N/A | r or confirm the absen<br>Color ([<br>10YR<br>2.5Y<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S9 - Thin Dai<br>F2 - Loamy C<br>F3 - Depleter<br>F6 - Redox D<br>F7 - Depleter<br>F8 - Redox D  | ee of indicators.)<br>Matrix<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-            | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br><br><br><br>oresent<br>ark Surface<br>(MLRA 147, 148)<br>rix<br>e<br>s<br>S<br>N/A              | Series Dr<br>rration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 147, 147, 147, 147, 147, 147, 147, | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br><br><br><br><br>                        | moderately v<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>                          | vell drained   
   
   | Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><br><br><b>Problematic Soils</b> <sup>1</sup><br>Iuck (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>Floodplain Soils (MLRA 147, 148)<br>in in Remarks)<br>drology must be present, unless disturbed or problematic<br>Yes ☑ No |  |  |  |  |   |  |   |  |   |   
   
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>12<br><br><br><br><br><br><br><br><br>   | Rarden silt<br>group):<br>ion (Describe the<br>Depth<br>12<br>20<br><br><br><br><br><br>coil Field In-<br>don<br>ulfide<br>yers<br>(LRR N)<br>selow Dark Su<br>Surface<br>Mineral (LRR N<br>ed Matrix<br>Type:  | loam  e depth needed to document the indicat Horizon 1 2 dicators (check here frace MLRA 147, 148) N/A           | r or confirm the absen<br>Color ((<br>10YR<br>2.5Y<br><br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dai<br>F2 - Loamy C<br>F3 - Depleted<br>F6 - Redox D<br>F7 - Depleted<br>F8 - Redox D   | ee of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/3<br><br><br><br><br><br><br><br><br><br>-  | (Type: C=Concer<br>%<br>95<br>90<br><br><br><br><br><br><br><br><br><br><br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br><br>e-<br>e | Series Dr<br>tration, D=Depler<br>Col<br>10YR<br>10YR<br><br><br><br><br>): Ø  | ainage Class:<br>or (Moist)<br>3/4<br>5/6<br><br><br><br><br>F12 - Iror<br>F13 - Um<br>F19 - Pie<br><sup>(8)</sup><br>F21 - Rec | Moderately w<br>CS=Covered/Coated Sand<br>Mottles<br>%<br>5<br>10<br><br><br><br><br><br><br>                          | vell drained           1 Grains; Location: PL           Type           C   
   
   | Pore Lining, M=Matrix<br>Location<br>M<br><br><br><br><br><br><br><br><br>   | Texture<br>(e.g. clay, sand, loam)         silt loam         silt y loam  Solis (MLRA 147)   |  |  |  |  |   |  |   |  |   |   
   
                                 |  |   |  |   |  |   |   |  |  |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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#### WETLAND DETERMINATION DATA FORM

Eastern Mountains and Piedmont Region

Toject/One.	waveny-ware Road 136 KV Trai	nsmission Line Proj	ect			Wetland ID: N/A Sample Point SP 1
EGETATION	(Species identified in all uppercas	se are non-native sp	pecies.)			
ee Stratum (Pl	lot size: 30 ft radius)					
	<u>Species Name</u>	-	% Cover	Dominant	Ind.Status	Dominance Test Worksheet
1.						
2.						Number of Dominant Species that are OBL, FACW, or FAC: 1 (A)
3.						
4.						Total Number of Dominant Species Across All Strata: 1 (B)
5.						
6.						Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)
7.						
8.						Prevalence Index Worksheet
9.						Total % Cover of: Multiply by:
10.						OBL spp. 60 X 1 = 60
		Total Cover =	0			FACW spp. 20 X 2 = 40
						FAC spp. 12 X $3 = 36$
oling/Shrub St	ratum (Plot size: 15 ft radius)					FACU spp. 5 X 4 = 20
1.						UPL spp. 2 X 5 = 10
2.						
3.						Total 99 (A) 166 (B)
4.						
5.						Prevalence Index = B/A = 1.677
6.						
7.						
8.						Hydrophytic Vegetation Indicators:
9.						Yes 🗵 🗆 No Rapid Test for Hydrophytic Vegetation
10.						Yes  □ No Dominance Test is > 50%
		Total Cover =	0			Yes $\square$ $\square$ No Prevalence Index is $\leq 3.0^*$
			Ŭ			You I I No Merchalogical Adaptations (Evaluin) *
rh Stratum (Dl	ot cizo: E ft rodius)					$V_{00} \square $
1	Carex vulpipoidea		60	V	OBI	
2			10	N	EACW/	* Indicators of hydric soil and wetland hydrology must be
2.	Doollingoria umbollata		7	N	FACW	present, unless disturbed or problematic.
3.	Diobontholium oouminotum		5	N	EAC	Definitions of Vagatation Strata:
4. E			5	IN N	FAC	Deminitions of vegetation Strata.
5.			5	IN N		Tata
6	Agrostis gigantea		3	IN	FACW	Iree - Woody plants 3 in. (7.6cm) or more in diameter at breast beight (DBH) regardless of beight
7.	I rifolium pratense		3	IN N	FACU	height (DDH), regardless of height.
<u></u> .	Plantago lanceolata		2	N	UPL	One the stOLe L. Weeks cleate less than 0 in DDU and resident than 0.00 fr
9.	Barbarea vulgaris		2	N	FACU	Sapling/Shrub - woody plants less than 3 in. DBH and greater than 3.28 ft. tall.
10.	Rumex crispus		2	N	FAC	
11.						
12.						Herb - All herbaceous (non-woody) plants, regardless of size, and
13.						woody plants less than 3.20 ft. tail.
14.						
15.						Woody Vines - All woody vines greater than 3.28 ft. in height.
		Total Cover =	99			
ody Vine Stra	tum (Plot size: 30 ft radius)					
1.						
2.						
3.						Hydrophytic Vegetation Present D Yes D No
4.						
5.						
		Total Cover =	0			
marks:	Corn stubble present from 2	015 or earlier	v			
		is is or ournor.				



#### WETLAND DETERMINATION DATA FORM Eastern Mountains and Piedmont Region

	Waverly-War	e Road 138 KV Transmis	ssion Line Pro	ject		Stant	ec Project #:	193704860																																								
  | Date:   | 12/09/16  |   |   |   |  |   |  |   |  |   |   
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| Applicant:  | American E  | Electric Power  |  |  | ".  |  |  |   |  
  | County:   | Pike  |   |   |   |  |   |  |   |  |   |   
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   |
Investigator #1:	Eric Parker	·		Invest	igator #2:	Kate Bo	mar Classification	NI/A																																								
  | State:  | Ohio<br>Watland 1   |   |   |   |  |   |  |   |  |   |   
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   |
Jandform:	Side slope I ocal Relief: Convex						Classification.	IN/A																																								
  | Sample Point:   | SP 2  |   |   |   |  |   |  |   |  |   |   
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   |
| Slope (%):  | 6-8   | Latitude:   | 39,12426   | LOC  | onaitude:   | -83,109  | 54   | Datum:  | NAD83  
  | Community ID:   | Upland  |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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   |
| Are climatic/hvdr   | rologic condi   | tions on the site typic   | al for this tir  | ne of vea  | r? (If no. ex   | plain in rema  | urks)  | ☑ Yes □   | No   
  | Section:  | opiana  |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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   |
| Are Vegetation  | □. Soil □. o  | r Hvdroloav   | icantly distu  | rbed?  |   | Ar   | e normal circu   | mstances pre  | sent?  
  | Township:   |   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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   |
Are Vegetation□	⊢, Soil □, o	r Hydrology	ally problem	atic?			☑ Yes	No																																								
  | Range:  | Dir:  |   |   |   |  |   |  |   |  |   |   
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SUMMARY OF F	INDINGS																																															
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   |
| Hydrophytic Veg   | etation Pres  | ent?  |  | Yes  | i 🗵 No  |  |  | Hydric Soils  | Present?   
  |   | Yes No  |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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   |
| Wetland Hydrold   | ogy Present?  | )   |  | Yes  | s 🗹 No  |  |  | Is This Samp  | oling Point W  
  | Vithin A Wetla  | ind? 🖲 Yes 🖻 No   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Remarks:	Upland side	eslope of ephemeral	swale wetlar	nd.																																												
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   |
| Wetland Hydro   | logy Indica   | tors (Check here if ir  | ndicators are  | e not pres   | ent):   | V  |  |   | Secondary:   
  |   |   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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   |
Primary:				_	<b>Da</b> 147 -	<b>A</b>																																										
  | B6 - Surface So   | bil Cracks  |   |   |   |  |   |  |   |  |   |   
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   |
	A1 - Surface	Water			B9 - Wate	er-Stained	Leaves																																									
  | B8 - Sparsely Ve  | egetated Concave Surface  |   |   |   |  |   |  |   |  |   |   
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   |
	A2 - High Wa	n n			B13 - Aqu B14 - Tru	e Aquatic I	a Plants																																									
  | B16 - Moss Trin   | n Lines   |   |   |   |  |   |  |   |  |   |   
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   |
	B1 - Water M	larks			C1 - Hydr	ogen Sulfi	de Odor																																									
  | C2 - Dry Seaso  | n Water Table   |   |   |   |  |   |  |   |  |   |   
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   |
	B2 - Sedimer	nt Deposits			C3 - Oxid	ized Rhizo	spheres on Livin	ig Roots																																								
  | C8 - Crayfish B   | urrows  |   |   |   |  |   |  |   |  |   |   
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   |
|   | B3 - Drift Dep  | posits  |  |  | C4 - Pres   | ence of Re   | educed Iron  | 0.1   | 8  
  | C9 - Saturation   | Visible on Aerial Imagery   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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   |
|   | B4 - Algal Ma   | at or Crust   |  |  | C6 - Rece   | ent Iron Re  | auction in Tilled  | Solis   | H  
  | D1 - Stunted or   | Stressed Plants   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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   |
	B7 - Inundatio	on Visible on Aerial Imag	erv		Other (Ex	plain in Re	emarks)																																									
  | D3 - Shallow Ac   | uitard  |   |   |   |  |   |  |   |  |   |   
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   |
					( <u>-</u>																																											
  | D4 - Microtopog   | raphic Relief   |   |   |   |  |   |  |   |  |   |   
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   |
  | D5 - FAC-Neutr  | al Test   |   |   |   |  |   |  |   |  |   |   
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Field Observati	ons:																																															
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   |
| Surface Water P   | Present?  | 🗆 Yes 🗹 No  | Depth:   | N/A  | (in.)   |  |  | Wetlend I.b.  | duele aux Due  
  |   | Vee T Ne  |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Water Table Pre   | sent?   | Yes No  | Depth:   | N/A  | (in.)   |  |  | wetland Hyd   | arology Pre  
  | esent?  | Yes 🖾 INO   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Saturation Prese	ent?	🗆 Yes 🗹 No	Depth:	N/A	(in.)																																											
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| Describe Recorde  | ed Data (stre   | am dauge monitoring   | well aerial r  | hotos pre  | vious insr  | ections)   | if available:  |   | N/A  
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| SOILS<br>Map Unit Name:   | Rarden silt   | loam  |  |  |   | Series Dr  | ainage Class:  | moderately v  | vell drained   
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subo   | Rarden silt   | loam  |  |  |   | Series Dr  | ainage Class:  | moderately v  | vell drained   
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   |
| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript   | Rarden silt<br>group):<br>tion (Describe to th  | loam  | or or confirm the absen  | ce of indicators.)   | (Type: C=Concer   | Series Dr  | ainage Class:  | moderately v  | vell drained   
  | =Pore Lining, M=Matrix)   |   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subo<br>Profile Descript<br>Top  | Rarden silt<br>group):<br>tion (Describe to the<br>Bottom   | loam<br>e depth needed to document the indicate   | pr or confirm the absen  | ce of indicators.)<br>Matrix   | (Type: C=Concer   | Series Dr  | ainage Class:  | moderately v<br><u>CS=Covered/Coated Sanc</u><br>Mottles  | vell drained   
  | =Pore Lining, M=Matrix)   | Texture   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth   | Rarden silt<br>group):<br>tion (Describe to th<br>Bottom<br>Depth   | loam<br>e depth needed to document the indicate<br>Horizon  | or or confirm the absen  | ce of indicators.)<br>Matrix<br>Voist)   | (Type: C=Concer   | Series Dr  | ainage Class:<br>tion, RM=Reduced Matrix,<br>or (Moist)  | moderately v<br>CS=Covered/Coated Sanc<br>Mottles<br>%  | vell drained   
  | =Pore Lining, M=Matrix)   | Texture<br>(e.g. clay, sand, loam)  |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0  | Rarden silt<br>group):<br>tion (Describe to th<br>Bottom<br>Depth<br>11   | loam<br>e depth needed to document the indicate<br>Horizon<br>1   | cr or confirm the absen  | ce of indicators.)<br>Matrix<br>Moist)<br>5/3  | (Type: C=Concer<br>%<br>85  | Series Dr<br>tration, D=Deplet   | ainage Class:<br>tion, RM=Reduced Matrix,<br>or (Moist)<br>4/6   | moderately v<br>CS=Covered/Coated Sanc<br>Mottles<br>%<br>15  | vell drained   
  | =Pore Lining, M=Matrix)   | Texture<br>(e.g. clay, sand, loam)<br>silt loam   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>11<br><br><br><br>  | Rarden silt<br>group):<br>tion (Describe to th<br>Bottom<br>Depth<br>11<br>20<br><br><br><br>   | loam e depth needed to document the indicate Horizon 1 2  | cr or confirm the absen<br>Color (I<br>10YR<br>10YR<br><br><br><br><br>  | ce of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/4<br><br><br>   | (Type: C=Concer<br>%<br>855<br>80<br><br><br><br>   | Series Dr<br>tration, D-Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br><br>  | rainage Class:<br>tion, RM=Reduced Matrix,<br>or (Moist)<br>4/6<br>5/6<br><br><br><br>   | moderately v<br>CS=Covered/Coated Sanc<br>Mottles<br>%<br>15<br>20<br><br><br><br><br>  | vell drained   
  | =Pore Lining. M=Matrix)<br>Location<br>M<br><br><br><br>  | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br>silty clay loam<br><br><br><br>  |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>11<br><br><br><br><br><br>  | Rarden silt<br>group):<br>tion (Describe to the<br>Depth<br>11<br>20<br><br><br><br><br>  | loam e depth needed to document the indicate Horizon 1 2  | or or confirm the absention of the confirm the absention of the confirmed  | ce of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/4<br><br><br><br>                                     | (Type: C=Concer<br>%<br>855<br>80<br><br><br><br><br>   | Series Dr<br>tration, D-Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>  | rainage Class:<br>tion, RM=Reduced Matrix,<br>or (Moist)<br>4/6<br>5/6<br><br><br><br>   | moderately v<br>CS=Covered/Coated Sanc<br>Mottles<br>%<br>15<br>20<br><br><br><br><br><br>  | vell drained<br>I Grains; Location: PL<br>C<br>C<br>C<br><br><br><br><br><br><br>   | =Pore Lining. M=Matrix) Location M  | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br>silty clay loam<br><br><br><br><br>  |   |   |   |  |   |  |   |  |   |  |   |  |   |   |   |  |   |   |   |  |   |  |  |  |   |   |   |  |   |   |  |  |   |   |   |  |   |   |   |  |   |   |  |  |   |   |   |   |   |   |   |  |   |  |  |   |   |              |   |   |   |   |   |  |   |  |  |  |   |              |                                      |   |
| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>11<br><br><br><br><br><br><br><br><br>-   | Rarden silt<br>group):<br>tion (Describe to the<br>Bottom<br>Depth<br>11<br>20<br><br><br><br><br><br>Soil Field In   | loam e depth needed to document the indicate Horizon 1 2 dicators (check boro                           | or or confirm the absert<br>Color (1<br>10YR<br>10YR<br><br><br><br>if indicators  | ce of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/4<br><br><br><br><br>                                 | (Type: C=Concer<br>%<br>85<br>80<br><br><br><br>  | Series Dr<br>tration, D=Deplet<br>COI<br>10YR<br><br><br><br><br>  | rainage Class:<br>tion, RM=Reduced Matrix,<br>or (Moist)<br>4/6<br>5/6<br><br><br><br><br><br><br>   | moderately v<br>CS=Covered/Coated Sanc<br>Mottles<br>%<br>15<br>20<br><br><br><br><br><br><br>  | Vell drained   
  | =Pore Lining, M=Matrix) Location M Indicators fo  | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br>r Problematic Soils <sup>1</sup>   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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   |
| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>11<br><br><br><br><br>NRCS Hydric S<br>Ma1- Histogol  | Rarden silt<br>group):<br>tion (Describe to th<br>Depth<br>11<br>20<br><br><br><br><br>Soil Field Ind   | loam e depth needed to document the indicate Horizon 1 2 dicators (check here                           | cr or confirm the abservert<br>Color (1<br>10YR<br><br><br><br>if indicators<br>S5 - Sandy B   | ce of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/4<br><br><br><br><br><br><br><br><br><br>-            | (Type: C=Concer<br>%<br>85<br>80<br><br><br><br><br><br><br><br>oresent   | Series Dr<br>tration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br><br><br><br>-                                       | rainage Class:<br>tion, RM=Reduced Matrix,<br>or (Moist)<br>4/6<br>5/6<br><br><br><br><br><br><br><br><br><br>-  | moderately v<br>CS=Covered/Casted Sance<br>Mottles<br>%<br>15<br>20<br><br><br><br><br><br><br><br>   | Vell drained   
  | Pore Lining, M=Matrix) Location M   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br>silty clay loam<br><br><br><br><br>r   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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   |
| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>11<br><br><br><br><br>MRCS Hydric S<br>A1- Histosol<br>A2 - Histic Epipe  | Rarden silt<br>group):<br>tion (Describe to the<br>Depth<br>11<br>20<br><br><br><br><br>Soil Field Ind<br>don   | loam  e depth needed to document the indicate Horizon 2 dicators (check here                            | or or confirm the abserved<br>Color (1<br>10YR<br><br><br>if indicators<br>S5 - Sandy R<br>S5 - Sandy R  | ce of indicators.)<br>Matrix<br>5/3<br>6/4<br><br><br><br><br><br><br><br><br><br>-                      | (Type: C=Concer<br>%<br>85<br>80<br><br><br><br><br><br><br><br><br><br><br><br><br>  | Series Dr<br>rration, D=Depler<br>Col<br>10YR<br>10YR<br><br><br><br><br><br>): ☑  | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>4/6<br>5/6<br><br><br><br><br><br><br><br>-  | moderately v<br>CS=Covered/Casted Sanc<br>Mottles<br>%<br>15<br>20<br><br><br><br><br><br><br><br><br>  | vell drained           I Grains; Location: PL           Type           C           C <td>=Pore Lining. M=Matrix) Location M Indicators fo A10 - 2cm M A16 - Coast P</td> <td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/></td>   
  | =Pore Lining. M=Matrix) Location M Indicators fo A10 - 2cm M A16 - Coast P  | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br>   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>11<br><br><br><br><br>NRCS Hydric S<br>A1- Histosol<br>A2 - Histic Epipe<br>A3 - Black Histic   | Rarden silt<br>group):<br>tion (Describe to the<br>Depth<br>11<br>20<br><br><br><br><br><br>Soil Field Inc  | loam  e depth needed to document the indicate  Horizon  1  2  dicators (check here                      | r or confirm the abservert<br>Color (I<br>10YR<br>10YR<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su   | ce of indicators.)<br>Matrix<br>5/3<br>6/4<br><br><br><br><br><br>e are not p<br>edox<br>Matrix<br>rface | (Type: C=Concer<br>%<br>85<br>80<br><br><br><br><br><br><br><br><br><br><br><br><br>  | Series Dr<br>rration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br><br>): ☑  | rainage Class:<br>tion, RM=Reduced Matrix,<br>or (Moist)<br>4/6<br>5/6<br><br><br><br><br><br><br><br><br>   | moderately v<br>CS=Covered/Casted Sanc<br>Mottles<br>%<br>15<br>20<br><br><br><br><br><br><br><br><br><br><br><br><br>-   | vell drained           1 Grains; Location: PL           Type           C <tr tr=""></tr>   
  | =Pore Lining, M=Matrix) Location M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon  | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><br><b>r Problematic Soils 1</b><br>fuck (MLRA 147, 148)<br>Floodplain Soils (MLRA 136, 147)   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>11<br><br><br><br><br><br><br>-   | Rarden silt<br>group):<br>tion (Describe to the<br>Depth<br>11<br>20<br><br><br><br><br>Soil Field Inc<br>don   | loam  e depth needed to document the indicate Horizon 1 2 dicators (check here                          | r or confirm the abservert<br>Color (1<br>10YR<br>10YR<br>   | ce of indicators.)<br>Matrix<br>5/3<br>6/4<br><br><br><br><br><br><br><br><br>                           | (Type: C=Concer<br>%<br>85<br>80<br><br><br><br><br><br><br><br><br>eresent   | Series Dr<br>rration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 1/2                                | ainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>4/6<br>5/6<br><br><br><br><br><br><br><br><br>   | Moderately v<br>CS-Covered/Coated Sance<br>Mottles<br>%<br>15<br>20<br><br><br><br><br><br><br>   | vell drained           I Grains; Location: PL           Type           C           C <td>Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very</td> <td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/></td>  
  | Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very   | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br>   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>11<br><br><br><br><br><br><br>NRCS Hydric S<br>A1- Histosol<br>A2 - Histic Epipe<br>A3 - Black Histic<br>A4 - Hydrogen S<br>A5 - Stratified La  | Rarden silt<br>group):<br>tion (Describe to the<br>Depth<br>11<br>20<br><br><br><br><br><br>Soil Field Ind<br>don<br>ulfide<br>iyers  | loam e depth needed to document the indicate Horizon 1 2 dicators (check here                           | r or confirm the absention<br>Color (<br>10YR<br>10YR<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Data   | ce of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/4<br><br><br><br><br><br><br><br><br><br><br><br><br> | (Type: C=Concer<br>%<br>85<br>80<br><br><br><br><br><br><br><br><br>oresent<br>ark Surface<br>(MLRA 147, 148                                      | Series Dr<br>rration, D-Depler<br>Col<br>10YR<br>10YR<br><br><br><br><br>): 🖾  | rainage Class:<br>tion, RM=Reduced Matrix,<br>or (Moist)<br>4/6<br>5/6<br><br><br><br><br><br><br><br>-  | Moderately v<br>CS=Covered/Coated Sance<br>Mottles<br>%<br>15<br>20<br><br><br><br><br><br><br>   | vell drained           I grains; Location: PL-           Type           C           C <tr tr=""></tr>  
  | Pore Lining, M=Matrix) Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla                              | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br>   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SOILS<br>Map Unit Name:<br>Taxonomy (Subs<br>Profile Descript<br>Top<br>Depth<br>0<br>11<br><br><br><br><br><br><br><br><br>-   | Rarden silt<br>group):<br>tion (Describe to the<br>Depth<br>11<br>20<br><br><br><br><br>Goil Field Ind<br>don<br>ulfide<br>typers<br>( LER N)<br>20<br>   | loam  e depth needed to document the indicate Horizon 1 2 dicators (check here                          | r or confirm the absention of the selected of  | ce of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/4<br><br><br><br><br><br><br><br>-                    | (Type: C=Concer<br>%<br>85<br>80<br><br><br><br><br><br><br><br><br><br><br><br><br>  | Series Dr<br>tration, D=Deplet<br>Col<br>10YR<br><br><br><br>):<br>(MLRA 147, 14   | ainage Class:<br>or (Moist)<br>4/6<br>5/6<br><br><br><br><br><br>F12 - Iror<br>□ F12 - Iror<br>□ F13 - Um<br>□ F19 - Pie<br><sup>(8)</sup><br>□ F21 - Rec                        | Moderately v<br>CS=Covered/Coated Sanc<br>Mottles<br>%<br>15<br>20<br><br><br><br><br><br><br><br><br><br>-   | Vell drained  | Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmoni TF12 - Very Other (Explain                          | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><b>r Problematic Soils 1</b><br>Nuck (MLRA 147, 148)<br>'rairie Redox (MLRA 147, 148)<br>IF Floodplain Soils (MLRA 136, 147)<br>Shallow Dark Surface<br>in in Remarks) |   |   |   |  |   |  |   |  |   |  |   |  |   |   |   |  |   |   |   |  |   |  |  |  |   |   |   |  |   |   |  |  |   |   |   |  |   |   |   |  |   |   |  |  |   |   |   |   |   |   |   |  |   |  |  |   |   |              |   |   |   |   |   |  |   |  |  |  |   |              |                                      |   |
| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>11<br><br><br><br><br><br><br><br>NRCS Hydric S<br>A1- Histosol<br>A2 - Histic Epipe<br>A3 - Black Histic<br>A4 - Hydrogen S<br>A5 - Stratified La<br>A10 - 2 cm Muck<br>A11 - Depleted E<br>A12 - Thick Dark | Rarden silt<br>group):<br>tion (Describe to the<br>Depth<br>11<br>20<br><br><br><br><br>Soil Field Ind<br>don<br>ulfide<br>yers<br>( (LRR N)<br>Selow Dark Suu<br>Surface   | loam  e depth needed to document the indicate Horizon 1 2 dicators (check here                          | r or confirm the absention<br>Color (1<br>10YR<br>10YR<br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dar<br>F2 - Loamy (C<br>F3 - Depleter<br>F6 - Redox C   | ce of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/4<br><br><br><br><br><br><br><br><br><br>-            | (Type: C=Concer<br>%<br>85<br>80<br><br><br><br><br><br><br><br><br><br>oresent<br>ark Surface<br>(MLRA 147, 148<br>rix                           | Series Dr<br>tration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br><br><br><br>-                                       | ainage Class:<br>or (Moist)<br>4/6<br>5/6<br><br><br><br><br><br><br><br><br><br>-   | Moderately v<br>CS=Covered/Costed Sance<br>Mottles<br>%<br>15<br>20<br><br><br><br><br><br><br><br><br>   | vell drained           I Grains; Location: PL           Type           C           C <td>Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Explage)</td> <td>Texture<br/>(e.g. clay, sand, loam)<br/>silt loam<br/><br/><br/><br/><br/><br/><b>r Problematic Soils <sup>1</sup></b><br/>Nuck (MLRA 147, 148)<br/>tr Floodplain Soils (MLRA 136, 147)<br/>Shallow Dark Surface<br/>in in Remarks)</td>  
  | Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Explage)                          | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><b>r Problematic Soils <sup>1</sup></b><br>Nuck (MLRA 147, 148)<br>tr Floodplain Soils (MLRA 136, 147)<br>Shallow Dark Surface<br>in in Remarks)                       |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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SOILS Map Unit Name: Taxonomy (Subg Profile Descript Top Depth 0 11         -	Rarden silt group): ion (Describe to th Bottom Depth 11 20     Soil Field Ind don ulfide yers ( (LRR N) Selow Dark Su ; Surface ( Mineral (LRR N	loam  e depth needed to document the indicate Horizon 1 2 dicators (check here	r or confirm the absen Color (I 10YR 10YR   if indicators S5 - Sandy R S6 - Stripped S7 - Dark Su S8 - Polyvalu S9 - Thin Dan F2 - Loamy (C F3 - Depleter F6 - Redox D F7 - Depleter	ce of indicators.) Matrix Moist) 5/3 6/4          -	(Type: C=Concer % 85 80          oresent ark Surface (MLRA 147, 148 rix e ace	Series Dr tration, D=Deplet Col 10YR 10YR     ): (MLRA 147, 14	rainage Class: ion, RM=Reduced Matrix, or (Moist) 4/6 5/6          -	Moderately v CS=Covered/Casted Sance Mottles % 15 20          -	vell drained           I Grains; Location: PL           Type           C           C <tr tr=""> <td< td=""><td>Pore Lining, M=Matrix) Location M M</td><td>Texture (e.g. clay, sand, loam) silt loam </td></td<></tr> <tr><td>SOILS Map Unit Name: Taxonomy (Subg Profile Descript Top Depth 0 11         -</td><td>Rarden silt group): tion (Describe to the Depth 11 20      Soil Field Ind don ulfide typers (LRR N) Selow Dark Sui Surface (Mineral (LRR N ed Matrix</td><td>loam  e depth needed to document the indicate Horizon 1 2 dicators (check here fface MLRA 147, 148)</td><td>r or confirm the absert Color (1 10YR 10YR   if indicators S5 - Sandy R S6 - Stripped S7 - Dark Su S8 - Polyvalu S9 - Thin Dau F2 - Loamy C F3 - Depleter F6 - Redox D F7 - Depleter F8 - Redox D</td><td>ce of indicators.) Matrix Moist) 5/3 6/4          -</td><td>(Type: C=Concer 85 85 80          -</td><td>Series Dr rration, D=Depler Col 10YR 10YR     ): (MLRA 147, 14</td><td>rainage Class: ion, RM=Reduced Matrix, or (Moist) 4/6 5/6          -</td><td>moderately v CS=Covered/Casted Sance Mottles % 15 20          -</td><td>vell drained           I Grains; Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>Pore Lining. M=Matrix)  Location M M</td><td>Texture (e.g. clay, sand, loam) silt loam </td></td<></tr><tr><td>SOILS Map Unit Name: Taxonomy (Subg Profile Descript Top Depth 0 11       -</td><td>Rarden silt group): tion (Describe to the Depth 11 20     Goil Field Ind don ulfide typers ( LRR N) Below Dark Sui Sufface ( Mineral (LRR N ed Matrix) Type:</td><td>loam  e depth needed to document the indicate Horizon 1 2 dicators (check here rface MLRA 147, 148) N/A</td><td>r or confirm the absert Color (1 10YR 10YR          -</td><td>ce of indicators.) Matrix 5/3 6/4          -</td><td>(Type: C=Concer % 85 80 oresent ark Surface (MLRA 147, 148 rix e acce s N/A</td><td>Series Dr rration, D=Depler Col 10YR     ): (MLRA 147, 14</td><td>rainage Class: ion, RM=Reduced Matrix, or (Moist) 4/6 5/6        -</td><td>moderately v CS=Covered/Casted Sance Mottles % 15 20       m-Manganese Ma bric Surface (MLF dmont Floodplai d Parent Materia <sup>1</sup> Indice Hydric Soil</td><td>vell drained           1 Grains; Location: PL           Type           C           C  <tr tr=""> <td< td=""><td>=Pore Lining. M=Matrix)  Location M M</td><td>Texture (e.g. clay, sand, loam) silt loam </td></td<></tr><tr><td>SOILS Map Unit Name: Taxonomy (Subg Profile Descript  Depth 0 11</td><td>Rarden silt group): tion (Describe to the Depth 11 20     Soil Field Ind don ulfide yers ( (LRR N) Selow Dark Sui : Surface ( Mineral (LRR N ed Matrix</td><td>loam  e depth needed to document the indicate Horizon 1 2 dicators (check here fface MLRA 147, 148) N/A</td><td>r or confirm the absention of the second sec</td><td>ce of indicators.) Matrix 5/3 6/4          -</td><td>(Type: C=Concer % 85 80 oresent ark Surface (MLRA 147, 148 rix e s N/A</td><td>Series Dr rration, D=Depler Col 10YR 10YR     ): I (MLRA 147, 14)</td><td>rainage Class: tion, RM=Reduced Matrix, or (Moist) 4/6 5/6       F12 - Iron F13 - Um F13 - Vm F19 - Pie <sup>48)</sup> F21 - Red</td><td>Moderately v CS=Covered/Casted Sance Mottles % 15 20       </td><td>vell drained</td><td>=Pore Lining, M=Matrix)  Location M  Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture (e.g. clay, sand, loam) silt loam         silt y clay loam  <t< td=""></t<></td></tr><tr><td>SOILS Map Unit Name: Taxonomy (Subg Profile Descript Depth 0 11       -</td><td>Rarden silt group): tion (Describe to the Depth 11 20     Soil Field Ind don ulfide yers ( (LRR N) selow Dark Sul : Surface K Mineral (LRR N ed Matrix Type:</td><td>loam  e depth needed to document the indicate Horizon 1 2 dicators (check here fface MLRA 147, 148) N/A</td><td>r or confirm the abservert Color (I 10YR        -</td><td>ce of indicators.) Matrix 5/3 6/4          -</td><td>(Type: C=Concer % 85 80           oresent ark Surface (MLRA 147, 148 rix e s S N/A</td><td>Series Dr rration, D=Depler Col 10YR 10YR     ): ☑ (MLRA 147, 14)</td><td>rainage Class: tion, RM=Reduced Matrix, or (Moist) 4/6 5/6      F12 - Iron F13 - Um F19 - Pie <sup>48)</sup> F21 - Red</td><td>Moderately v CS=Covered/Casted Sarce Mottles % 15 20       </td><td>vell drained           1 Grains; Location: PL-           Type           C           C  </td><td>=Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla</td><td>Texture (e.g. clay, sand, loam) silt loam         silt loam   </td></tr><tr><td>SOILS Map Unit Name: Taxonomy (Subg Profile Descript Top Depth 0 11         -</td><td>Rarden silt group): tion (Describe to the Depth 11 20     Soil Field Ind don ulfide syers ( (LRR N) Selow Dark Su : Surface ( Mineral (LRR N ed Matrix Type:</td><td>loam  e depth needed to document the indicate Horizon 1 2 dicators (check here rface MLRA 147, 148) N/A</td><td>r or confirm the absen Color ([ 10YR 10YR    if indicators S5 - Sandy R S6 - Stripped S7 - Dark Su S9 - Thin Dai F2 - Loamy C F3 - Depleter F6 - Redox D F7 - Depleter F8 - Redox D</td><td>ce of indicators.) Matrix Moist) 5/3 6/4          -</td><td>(Type: C=Concer % 85 80 80 80 80 80 80 80 80 80 80 80 80 80</td><td>Series Dr rration, D=Deplet Col 10YR 10YR     ): (MLRA 147, 147, 147, 147, 147, 147, 147, 147,</td><td>rainage Class: ion, RM=Reduced Matrix, or (Moist) 4/6 5/6      F12 - Iror F13 - Um F19 - Pie <sup>(8)</sup> F21 - Red</td><td>Moderately v CS=Covered/Costed Sarce Mottles % 15 20       </td><td>vell drained</td><td>=Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Explain egetation and wetland hy</td><td>Texture (e.g. clay, sand, loam) silt loam </td></tr><tr><td>SOILS Map Unit Name: Taxonomy (Subg Profile Descript Top Depth 0 11       -</td><td>Rarden silt group): tion (Describe to the Depth 11 20       Soil Field Ind don ulfide typers ( (LRR N) selow Dark Sui Surface t Mineral (LRR N) rype:</td><td>loam  e depth needed to document the indicate Horizon 1 2 dicators (check here rface MLRA 147, 148) N/A</td><td>r or confirm the absen Color (( 10YR 10YR    if indicators S5 - Sandy R S6 - Stripped S7 - Dark Su S8 - Polyvalu S9 - Thin Dai F2 - Loamy C F3 - Depleted F6 - Redox D F7 - Depleted F8 - Redox D</td><td>ce of indicators.) Matrix Moist) 5/3 6/4        -</td><td>(Type: C=Concer % 85 80             </td><td>Series Dr tration, D=Deplet Col 10YR    ): (MLRA 147, 147, 147, 147, 147, 147, 147, 147,</td><td>rainage Class: or (Moist) 4/6 5/6         </td><td>Moderately v CS-Covered/Coated Sance Mottles % 15 20       </td><td>vell drained</td><td>Pore Lining, M=Matrix)  Location M M</td><td>Texture (e.g. clay, sand, loam) silt loam             </td></tr></td></tr></td></tr>	Pore Lining, M=Matrix) Location M M	Texture (e.g. clay, sand, loam) silt loam 	SOILS Map Unit Name: Taxonomy (Subg Profile Descript Top Depth 0 11         -	Rarden silt group): tion (Describe to the Depth 11 20      Soil Field Ind don ulfide typers (LRR N) Selow Dark Sui Surface (Mineral (LRR N ed Matrix	loam  e depth needed to document the indicate Horizon 1 2 dicators (check here fface MLRA 147, 148)	r or confirm the absert Color (1 10YR 10YR   if indicators S5 - Sandy R S6 - Stripped S7 - Dark Su S8 - Polyvalu S9 - Thin Dau F2 - Loamy C F3 - Depleter F6 - Redox D F7 - Depleter F8 - Redox D	ce of indicators.) 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   |
| SOILS Map Unit Name: Taxonomy (Subg Profile Descript  Depth 0 11  | Rarden silt<br>group):<br>tion (Describe to the<br>Depth<br>11<br>20<br><br><br><br><br>Soil Field Ind<br>don<br>ulfide<br>yers<br>( (LRR N)<br>Selow Dark Sui<br>: Surface<br>( Mineral (LRR N<br>ed Matrix          | loam  e depth needed to document the indicate Horizon 1 2 dicators (check here fface MLRA 147, 148) N/A | r or confirm the absention of the second sec | ce of indicators.)<br>Matrix<br>5/3<br>6/4<br><br><br><br><br><br><br><br><br><br>-                      | (Type: C=Concer<br>% 85 80 oresent ark Surface (MLRA 147, 148 rix e s N/A   | Series Dr<br>rration, D=Depler<br>Col<br>10YR<br>10YR<br><br><br><br><br>): I<br>(MLRA 147, 14)                              | rainage Class:<br>tion, RM=Reduced Matrix,<br>or (Moist)<br>4/6<br>5/6<br><br><br><br><br><br><br>F12 - Iron<br>F13 - Um<br>F13 - Vm<br>F19 - Pie<br><sup>48)</sup><br>F21 - Red | Moderately v<br>CS=Covered/Casted Sance<br>Mottles<br>%<br>15<br>20<br><br><br><br><br><br><br>   | vell drained  | =Pore Lining, M=Matrix)  Location M  Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla                             | Texture<br>(e.g. clay, sand, loam)<br>silt loam         silt y clay loam <t< td=""></t<>  |   |   |   |  |   |  |   |  |   |  |   |  |   |   |   |  |   |   |   |  |   |  |  |  |   |   |   |  |   |   |  |  |   |   |   |  |   |   |   |  |   |   |  |  |   |   |   |   |   |   |   |  |   |  |  |   |   |              |   |   |   |   |   |  |   |  |  |  |   |              |                                      |   |
| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Depth<br>0<br>11<br><br><br><br><br><br><br>-  | Rarden silt<br>group):<br>tion (Describe to the<br>Depth<br>11<br>20<br><br><br><br><br>Soil Field Ind<br>don<br>ulfide<br>yers<br>( (LRR N)<br>selow Dark Sul<br>: Surface<br>K Mineral (LRR N<br>ed Matrix<br>Type: | loam  e depth needed to document the indicate Horizon 1 2 dicators (check here fface MLRA 147, 148) N/A | r or confirm the abservert<br>Color (I<br>10YR<br><br><br><br><br><br><br><br>-  | ce of indicators.)<br>Matrix<br>5/3<br>6/4<br><br><br><br><br><br><br><br><br><br>-                      | (Type: C=Concer<br>%<br>85<br>80<br><br><br><br><br><br><br><br><br><br><br>oresent<br>ark Surface<br>(MLRA 147, 148<br>rix<br>e<br>s<br>S<br>N/A | Series Dr<br>rration, D=Depler<br>Col<br>10YR<br>10YR<br><br><br><br><br>): ☑<br>(MLRA 147, 14)                              | rainage Class:<br>tion, RM=Reduced Matrix,<br>or (Moist)<br>4/6<br>5/6<br><br><br><br><br><br>F12 - Iron<br>F13 - Um<br>F19 - Pie<br><sup>48)</sup><br>F21 - Red                 | Moderately v<br>CS=Covered/Casted Sarce<br>Mottles<br>%<br>15<br>20<br><br><br><br><br><br><br>   | vell drained           1 Grains; Location: PL-           Type           C           C  
  | =Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Expla                            | Texture<br>(e.g. clay, sand, loam)<br>silt loam         silt loam   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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   |
| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>11<br><br><br><br><br><br><br><br><br>-   | Rarden silt<br>group):<br>tion (Describe to the<br>Depth<br>11<br>20<br><br><br><br><br>Soil Field Ind<br>don<br>ulfide<br>syers<br>( (LRR N)<br>Selow Dark Su<br>: Surface<br>( Mineral (LRR N<br>ed Matrix<br>Type: | loam  e depth needed to document the indicate Horizon 1 2 dicators (check here rface MLRA 147, 148) N/A | r or confirm the absen<br>Color ([<br>10YR<br>10YR<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S9 - Thin Dai<br>F2 - Loamy C<br>F3 - Depleter<br>F6 - Redox D<br>F7 - Depleter<br>F8 - Redox D  | ce of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/4<br><br><br><br><br><br><br><br><br><br>-            | (Type: C=Concer<br>%<br>85<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80  | Series Dr<br>rration, D=Deplet<br>Col<br>10YR<br>10YR<br><br><br><br><br>):<br>(MLRA 147, 147, 147, 147, 147, 147, 147, 147, | rainage Class:<br>ion, RM=Reduced Matrix,<br>or (Moist)<br>4/6<br>5/6<br><br><br><br><br><br>F12 - Iror<br>F13 - Um<br>F19 - Pie<br><sup>(8)</sup><br>F21 - Red                  | Moderately v<br>CS=Covered/Costed Sarce<br>Mottles<br>%<br>15<br>20<br><br><br><br><br><br><br>   | vell drained   
  | =Pore Lining, M=Matrix)  Location M M Indicators fo A10 - 2cm M A16 - Coast P F19 - Piedmon TF12 - Very Other (Explain egetation and wetland hy | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br>   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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   |
| SOILS<br>Map Unit Name:<br>Taxonomy (Subg<br>Profile Descript<br>Top<br>Depth<br>0<br>11<br><br><br><br><br><br><br>-   | Rarden silt<br>group):<br>tion (Describe to the<br>Depth<br>11<br>20<br><br><br><br><br><br><br>Soil Field Ind<br>don<br>ulfide<br>typers<br>( (LRR N)<br>selow Dark Sui<br>Surface<br>t Mineral (LRR N)<br>rype:     | loam  e depth needed to document the indicate Horizon 1 2 dicators (check here rface MLRA 147, 148) N/A | r or confirm the absen<br>Color ((<br>10YR<br>10YR<br><br><br><br>if indicators<br>S5 - Sandy R<br>S6 - Stripped<br>S7 - Dark Su<br>S8 - Polyvalu<br>S9 - Thin Dai<br>F2 - Loamy C<br>F3 - Depleted<br>F6 - Redox D<br>F7 - Depleted<br>F8 - Redox D   | ce of indicators.)<br>Matrix<br>Moist)<br>5/3<br>6/4<br><br><br><br><br><br><br><br>-                    | (Type: C=Concer<br>%<br>85<br>80<br><br><br><br><br><br><br><br><br><br><br><br><br>  | Series Dr<br>tration, D=Deplet<br>Col<br>10YR<br><br><br><br>):<br>(MLRA 147, 147, 147, 147, 147, 147, 147, 147,             | rainage Class:<br>or (Moist)<br>4/6<br>5/6<br><br><br><br><br><br><br><br><br>   | Moderately v<br>CS-Covered/Coated Sance<br>Mottles<br>%<br>15<br>20<br><br><br><br><br><br><br>   | vell drained   
  | Pore Lining, M=Matrix)  Location M M  | Texture<br>(e.g. clay, sand, loam)<br>silt loam<br><br><br><br><br><br><br><br><br><br><br><br><br>   |   |   |   |  |   |  |   |  |   | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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#### WETLAND DETERMINATION DATA FORM

Eastern Mountains and Piedmont Region

ject/one.	Waveny-Ware Road 136 KV 11a	ansmission Line Proj	ect			Wettand ID. Wettand I Sample Point 3P 2
	(Spanias identified in all uppered	and are non notive a				
Stratum (Pl	(Species identified in all upperca	ase are non-native s	pecies.)			
	Species Name		% Cover	Dominant	Ind Status	Dominance Test Worksheet
1						
2						Number of Dominant Species that are OBL_EACW_or_EAC: 0 (A)
3						
<u> </u>						Total Number of Dominant Species Across All Strata: 1 (B)
5						
6						Percent of Dominant Species That Are OBLEACW or EAC: $0.0\%$ (A/B)
7						
7. 8						Provalence Index Worksheet
0. 0						Total % Cover of: Multiply by:
10						$\frac{10 \text{ at } 70 \text{ cover 01.}}{\text{OBL spp}} = 2 \qquad \text{ x } 1 - 2$
10.		Total Cover –	0			FACW(spp x 2 x 1 - 2 x 2 - 16)
			0			$FAC spp. 22 \qquad X 3 = 66$
oling/Shrub St	ratum (Plot size: 15 ft radius)					EACULERD $\frac{92}{22}$ $\times 0 = \frac{00}{222}$
1						$\frac{1}{100 \text{ spp.}} = \frac{1}{100} \times 5 = \frac{1}{100}$
2						
3						Total 115 (A) 416 (B)
4						
5						Prevalence Index – $B/A$ – 3.617
6						
7						
8						Hydronhytic Vegetation Indicators:
9						Yes D V Ranid Test for Hydrophytic Vegetation
10						Ves $\square$ $\blacksquare$ No. Dominance Test is > 50%
10.		Total Cover -	0			Ves $\square$ $\blacksquare$ No. Prevalence Index is < 3.0 *
			Ŭ			
rh Stratum (DI	ot cizo: Eft radius)					Vec
1 1	Schedonorus pratensis		75	Y	FACIL	
2	Setaria numila		15	N	FAC	* Indicators of hydric soil and wetland hydrology must be
3	Agrostis gigantea		5	N	FACW	present, unless disturbed or problematic.
 	Symphyotrichum nilosum		5	N	FAC	Definitions of Vegetation Strata:
			3	N	EV CW	Deminions of Vegetation offata.
			3	N	FACIL	Tree - Marthalasta Cir. (7.0m) server in discussional based
7	Doctylis domorata		3	N	FACU	height (DBH), regardless of height.
7. 8	Sonocio bioraciifolius		2	N	FACU	
0.			2	N		Sanling/Shruh - Woody plants less than 3 in DBH and greater than 3 28 ft
J.	Vornonia didantoa		2	N	EAC	tall.
10.			2	IN	TAU	
12						Harb - All herbaceous (non-woody) plants regardless of size and
12.						woody plants less than 3.28 ft. tall.
13.						
14.						Woody Vince All woody vines greater than 3.29 ft in height
10.		Total Causer	445			WOODY VILLES - All woody villes greater than 3.20 ft. in height.
		i otal Cover =	115			
ody Vine Stra	tum (Plot size: 30 ft radius)					
1.						
<u>∠.</u>						Indeedaytic Verstetion Present D. Version M.
<u>ర</u> .						Hydrophytic vegetation Present U Yes M No
4.						
5.		<b>T</b> ( 1 0				
		I otal Cover =	0			

#### Additional Remarks:

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

2/3/2017 3:33:49 PM

in

Case No(s). 17-0172-EL-BLN

Summary: Letter of Notification electronically filed by Mrs. Erin C Miller on behalf of AEP Ohio Transmission Company