Strickland Av
150
Underground Fiber Optic in New Conduit
Guard Structures
LWSP
Hybrid
Overhead Fiber Optic Cable
Wood Riser
TSP
Underground Fiber Optic in Existing Conduit
Shoofly
300
Guy Path
Mullen

Soil Type

YbE3 - Yokohl loam, 8 to 25 percent slopes, severely eroded
YbD2 - Yokohl loam, 8 to 15 percent slopes, eroded
W - Water
TwC - Tujunga gravelly loamy sand, 0 to 8 percent slopes
TvC - Tujunga loamy sand, channeled, 0 to 8 percent slopes
Ts - Traver fine sandy loam, saline-alkali
Tr2 - Traver loamy fine sand, saline-alkali, eroded
Tp2 - Traver loamy fine sand, eroded
TeG - Terrace escarpments
TbF2 - Temescal rocky loam, 15 to 50 percent slopes, eroded
SsD - Soboba stony loamy sand, 2 to 15 percent slopes
SeC2 - San Emigdio fine sandy loam, 2 to 8 percent slopes, eroded
RuF - Rough broken land
RsC - Riverwash
RaE3 - Ramona sandy loam, 15 to 25 percent slopes, severely eroded
RaD3 - Ramona sandy loam, 8 to 15 percent slopes, severely eroded
RaD2 - Ramona sandy loam, 8 to 15 percent slopes, eroded
RaC3 - Ramona sandy loam, 5 to 8 percent slopes, severely eroded
RaB3 - Ramona sandy loam, 0 to 5 percent slopes, severely eroded
RaB2 - Ramona sandy loam, 2 to 5 percent slopes, eroded
PoC - Porterville clay, 0 to 8 percent slopes
PaC2 - Pachappa fine sandy loam, 2 to 8 percent slopes, eroded
PaA - Pachappa fine sandy loam, 0 to 2 percent slopes
HoE - Honcut cobbly sandy loam, 2 to 25 percent slopes
HnD2 - Honcut sandy loam, 8 to 15 percent slopes, eroded
HnC - Honcut sandy loam, 2 to 8 percent slopes
HcC - Hanford coarse sandy loam, 2 to 8 percent slopes
GkD - Gorgonio loamy sand, channeled, 2 to 15 percent slopes
GhC - Gorgonio loamy sand, 0 to 8 percent slopes
GdC - Garretson gravelly very fine sandy loam, 2 to 8 percent slopes
GaC - Garretson very fine sandy loam, 2 to 8 percent slopes
GaA - Garretson very fine sandy loam, 0 to 2 percent slopes
CnC - Cortina gravelly coarse sandy loam, 2 to 8 percent slopes
ClC - Cortina gravelly loamy sand, 2 to 8 percent slopes
CkF2 - Cieneba rocky sandy loam, 15 to 50 percent slopes, eroded
CP - Clay Pits
AlE - Arbuckle gravelly loam, 15 to 25 percent slopes
AlD - Arbuckle gravelly loam, 8 to 15 percent slopes
AlC - Arbuckle gravelly loam, 2 to 8 percent slopes
AkC - Arbuckle loam, 2 to 8 percent slopes
AbF - Altamont cobbly clay, 8 to 35 percent slopes
AaE2 - Altamont clay, 15 to 25 percent slopes, eroded
AaD - Altamont clay, 5 to 15 percent slopes
AaC - Altamont clay, 2 to 8 percent slopes

* Map Notes:
- Project Features subject to change based on geotechnical investigations, soil engineering, and other studies conducted prior to construction.
- Map Current as of 11/19/2014

Appendix H - Soils

MSHCP Biological Resources Technical Report for the Valley-Ivyglen Subtransmission Line Project Phase 2 Riverside County, California

Map 1
Underground Fiber Optic in Existing Conduit

- LWSP (Guy Stub)
- Shoofly
- Riser

Underground Fiber Optic in New Conduit

- TSP
- Guy
- Wood

Vault

Hybrid

Overhead Fiber Optic Cable

- LWSP

Map Page Indicator

CPUC Buffer (May 2013)

Conserved Lands (MSHCP)

Material Yards

Riverside County, California

Appendix H - Soils

Legend

Project Features

Subtransmission Route

- Pole Type
- Fiber Optic Line
- Material Yards

- Fiber Optic Line
- Material Yards

- Fiber Optic Line
- Material Yards

- Fiber Optic Line
- Material Yards

Legend Notes:

- Project Features subject to change based on field assessments conducted prior to construction
- Ongoing coordination with the resource agencies, and
- Geotechnical investigations, final engineering,
- Map Notes:

Soil Type

- YbE3 - Yokohl loam, 8 to 25 percent slopes, severely eroded
- YbD2 - Yokohl loam, 8 to 15 percent slopes, eroded
- Wg - Willows silty clay, saline-alkali
- W - Water
- TwC - Tujunga gravelly loamy sand, 0 to 8 percent slopes
- TvC - Tujunga loamy sand, channeled, 0 to 8 percent slopes
- Ts - Traver fine sandy loam, saline-alkali
- Tr2 - Traver loamy fine sand, saline-alkali, eroded
- Tp2 - Traver loamy fine sand, eroded
- TeG - Terrace escarpments
- TbF2 - Temescal rocky loam, 15 to 50 percent slopes, eroded
- SeC2 - San Emigdio fine sandy loam, 2 to 8 percent slopes, eroded
- RuF - Rough broken land
- RsC - Riverwash
- RaE3 - Ramona sandy loam, 15 to 25 percent slopes, severely eroded
- RaD3 - Ramona sandy loam, 8 to 15 percent slopes, severely eroded
- RaD2 - Ramona sandy loam, 8 to 15 percent slopes, eroded
- RaC3 - Ramona sandy loam, 5 to 8 percent slopes, severely eroded
- RaB3 - Ramona sandy loam, 0 to 5 percent slopes, severely eroded
- RaB2 - Ramona sandy loam, 2 to 5 percent slopes, eroded
- PoC - Porterville clay, 0 to 8 percent slopes
- PlD - Placentia fine sandy loam, 5 to 15 percent slopes
- PaC2 - Pachappa fine sandy loam, 2 to 8 percent slopes, eroded
- HuC2 - Honcut loam, 2 to 8 percent slopes, eroded
- HoE - Honcut cobbly sandy loam, 2 to 25 percent slopes
- HnD2 - Honcut sandy loam, 8 to 15 percent slopes, eroded
- HnC - Honcut sandy loam, 2 to 8 percent slopes
- HcC - Hanford coarse sandy loam, 2 to 8 percent slopes
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- GhC - Gorgonio loamy sand, 0 to 8 percent slopes
- GdC - Garretson gravelly very fine sandy loam, 2 to 8 percent slopes
- GdA - Garretson gravelly very fine sandy loam, 0 to 2 percent slopes
- GaC - Garretson very fine sandy loam, 2 to 8 percent slopes
- GaA - Garretson very fine sandy loam, 0 to 2 percent slopes
- CnC - Cortina gravelly coarse sandy loam, 2 to 8 percent slopes
- ClC - Cortina gravelly loamy sand, 2 to 8 percent slopes
- CkF2 - Cieneba rocky sandy loam, 15 to 50 percent slopes, eroded
- CP - Clay Pits
- AlE - Arbuckle gravelly loam, 15 to 25 percent slopes
- AlD - Arbuckle gravelly loam, 8 to 15 percent slopes
- AlC - Arbuckle gravelly loam, 2 to 8 percent slopes
- AkC - Arbuckle loam, 2 to 8 percent slopes
- AbF - Altamont cobbly clay, 8 to 35 percent slopes
- AaF - Altamont clay, 25 to 50 percent slopes
- AaE2 - Altamont clay, 15 to 25 percent slopes, eroded
- AaD - Altamont clay, 5 to 15 percent slopes
- 197 - Soboba gravelly loamy sand, 0 to 5 percent slopes

* Map Notes:
- Project Features subject to change based on geotechnical investigations, final engineering,
- Ongoing coordination with the resource agencies, and
- Geotechnical investigations, final engineering,
- Map Content as of 10/10/2014
Overhead Fiber Optic Cable
RaD3
Wood
Guard Structures
Underground Fiber Optic in Existing Conduit
Vault
LWSP
150
TSP1
Hybrid
300
Shoofly
TSP2
Guy
Riser
Underground Fiber Optic in New Conduit
LWSP (Guy Stub)

Path: Q:\NaturalResources\SCE_ValleyIvyglen\mxd\2014\ReportsAndSubmissions\BTR\Phase2\Appendix_H_Soils.mxd, aaron.johnson 11/19/2014
Field assessments conducted prior to construction, ongoing coordination with the resource agencies, and geotechnical investigations, final engineering, - Project Features subject to change based on

* Map Notes: - Project Features subject to change based on geological investigations, field engineering, consultation with resource agencies, and final conclusions drawn in consultation.

Map Current as of 11/18/2014
For the Valley-Ivyglen Subtransmission Line Project - Map Current as of 11/19/2014

Field assessments conducted prior to construction, ongoing coordination with the resource agencies, and geotechnical investigations, final engineering, Project Features subject to change based on

"Map Notes:
- Project Features subject to change based on geotechnical investigations, construction drawings, field observations, and input from resource agencies, and final approvals concluded prior to construction.
- Map Current as of 11/19/2014”

Appendix H - Soils

MSHCP Biological Resources Technical Report for the Valley-Ivyglen Subtransmission Line Project Phase 2
Riverside County, California

Map 7

Soil Type
- MSHCP Biological Resources Technical Report for the Valley-Ivyglen Subtransmission Line Project Phase 2
Riverside County, California

Map 7
Field assessments conducted prior to construction, ongoing coordination with the resource agencies, and geotechnical investigations, final engineering, project features subject to change based on field assessments conducted prior to construction, ongoing coordination with the resource agencies, and geotechnical investigations, final engineering, project features subject to change based on.

*Map Notes:*
- Project Features subject to change based on geological investigations, soil engineering, field assessments conducted prior to construction, ongoing coordination with the resource agencies, and geotechnical investigations, final engineering, project features subject to change based on.
**Hybrid Guard Structures**

- LWSP (Guy Stub) Wood Shoofly 027 TSP
- Overhead Fiber Optic Cable
- Underground Fiber Optic in New Conduit
- Underground Fiber Optic in Existing Conduit
- Riser

**Soil Type**

- MSHCP Biological Resources Technical Report
- Map Page Indicator
- CPUC Buffer (May 2013)
- Conserved Lands (MSHCP)
- Material Yards

**Map Notes:**
- Project Features subject to change based on preconstruction investigations, site engineering, and field assessments conducted prior to construction.
- Map Current as of 11/19/2014

**Legend**

- Subtransmission Route
  - Segments 1
  - Segments 2
  - Segments 3
- Fiber Optic Line
  - Electrical Fiber Optic Cable
  - Underground Fiber Optic in Existing Conduit
  - Underground Fiber Optic in New Conduit

**Soil Legend**

- Soils
  - YbD2 - Yokohl loam, 8 to 15 percent slopes, eroded
  - Wg - Willows silty clay, saline-alkali
  - TwC - Tujunga gravelly loamy sand, 0 to 8 percent slopes
  - Ts - Traver fine sandy loam, saline-alkali
  - Tr2 - Traver loamy fine sand, saline-alkali, eroded
  - Tp2 - Traver loamy fine sand, eroded
  - TeG - Terrace escarpments
  - TbF2 - Temescal rocky loam, 15 to 50 percent slopes, eroded
  - SsD - Soboba stony loamy sand, 2 to 15 percent slopes
  - SeC2 - San Emigdio fine sandy loam, 2 to 8 percent slopes, eroded
  - RuF - Rough broken land
  - RsC - Riverwash
  - RaD3 - Ramona sandy loam, 8 to 15 percent slopes, severely eroded
  - RaD2 - Ramona sandy loam, 8 to 15 percent slopes, eroded
  - RaC3 - Ramona sandy loam, 5 to 8 percent slopes, severely eroded
  - RaB3 - Ramona sandy loam, 0 to 5 percent slopes, severely eroded
  - RaB2 - Ramona sandy loam, 2 to 5 percent slopes, eroded
  - PoC - Porterville clay, 0 to 8 percent slopes
  - PlD - Placentia fine sandy loam, 5 to 15 percent slopes
  - PaC2 - Pachappa fine sandy loam, 2 to 8 percent slopes, eroded
  - PaA - Pachappa fine sandy loam, 0 to 2 percent slopes
  - HuC2 - Honcut loam, 2 to 8 percent slopes, eroded
  - HoE - Honcut cobbly sandy loam, 2 to 25 percent slopes
  - HnD2 - Honcut sandy loam, 8 to 15 percent slopes, eroded
  - HnC - Honcut sandy loam, 2 to 8 percent slopes
  - HcC - Hanford coarse sandy loam, 2 to 8 percent slopes
  - GkD - Gorgonio loamy sand, channeled, 2 to 15 percent slopes
  - GhC - Gorgonio loamy sand, 0 to 8 percent slopes
  - GdC - Garretson gravelly very fine sandy loam, 2 to 8 percent slopes
  - GdA - Garretson gravelly very fine sandy loam, 0 to 2 percent slopes
  - CnC - Cortina gravelly coarse sandy loam, 2 to 8 percent slopes
  - ClC - Cortina gravelly loamy sand, 2 to 8 percent slopes
  - CP - Clay Pits
  - AlE - Arbuckle gravelly loam, 15 to 25 percent slopes
  - AlD - Arbuckle gravelly loam, 8 to 15 percent slopes
  - AlC - Arbuckle gravelly loam, 2 to 8 percent slopes
  - AkC - Arbuckle loam, 2 to 8 percent slopes
  - AbF - Altamont cobbly clay, 8 to 35 percent slopes
  - AaE2 - Altamont clay, 15 to 25 percent slopes, eroded
  - AaD - Altamont clay, 5 to 15 percent slopes

**Soil Types**

- M - Moderately gravelly sandy loam, 5 to 10 percent slopes
- M1 - Moderately gravelly sandy loam, 0 to 5 percent slopes
- M-H - Moderately gravelly sandy loam, eroded
- M-S - Moderately gravelly sandy loam, saline-alkali
- M-C - Moderately gravelly sandy loam, coarse sands

Riverside County, California

Appendix H - Soils

MSHCP Biological Resources Technical Report for the Valley-Ivyglen Subtransmission Line Project

Phase 2

Map 9
Map 11

Appendix H - Soils

MSHCP Biological Resources Technical Report
for the Valley-Ivyglen Subtransmission Line Project
Phase 2
Riverside County, California

*Map Notes:
- Project Features subject to change based on geotechnical investigations, final engineering,
  and permitting by relevant agencies, and may differ from what is shown in this map.
- Map Current as of 11/19/2014
Legend

<table>
<thead>
<tr>
<th>Soil Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>YbE3</td>
<td>Yokohl loam, 8 to 25 percent slopes, severely eroded</td>
</tr>
<tr>
<td>YbD2</td>
<td>Yokohl loam, 8 to 15 percent slopes, eroded</td>
</tr>
<tr>
<td>W</td>
<td>Willows silty clay, saline-alkali</td>
</tr>
<tr>
<td>TwC</td>
<td>Tujunga gravelly loamy sand, 0 to 8 percent slopes</td>
</tr>
<tr>
<td>TvC</td>
<td>Tujunga loamy sand, channeled, 0 to 8 percent slopes</td>
</tr>
<tr>
<td>Ts</td>
<td>Traver fine sandy loam, saline-alkali</td>
</tr>
<tr>
<td>Tr2</td>
<td>Traver loamy fine sand, saline-alkali, eroded</td>
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<tr>
<td>Tp2</td>
<td>Traver loamy fine sand, eroded</td>
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<tr>
<td>TeG</td>
<td>Terrace escarpments</td>
</tr>
<tr>
<td>TbF2</td>
<td>Temescal rocky loam, 15 to 50 percent slopes, eroded</td>
</tr>
<tr>
<td>SsD</td>
<td>Soboba stony loamy sand, 2 to 15 percent slopes</td>
</tr>
<tr>
<td>SeC2</td>
<td>San Emigdio fine sandy loam, 2 to 8 percent slopes, eroded</td>
</tr>
<tr>
<td>RuF</td>
<td>Rough broken land</td>
</tr>
<tr>
<td>RsC</td>
<td>Riverwash</td>
</tr>
<tr>
<td>RaE3</td>
<td>Ramona sandy loam, 15 to 25 percent slopes, severely eroded</td>
</tr>
<tr>
<td>RaD3</td>
<td>Ramona sandy loam, 8 to 15 percent slopes, severely eroded</td>
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<tr>
<td>RaD2</td>
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<tr>
<td>RaC3</td>
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<td>RaB2</td>
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</tr>
<tr>
<td>PoC</td>
<td>Porterville clay, 0 to 8 percent slopes</td>
</tr>
<tr>
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<td>Placentia fine sandy loam, 5 to 15 percent slopes</td>
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</tr>
<tr>
<td>PaC2</td>
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</tr>
<tr>
<td>PaA</td>
<td>Pachappa fine sandy loam, 0 to 2 percent slopes</td>
</tr>
<tr>
<td>HuC2</td>
<td>Honcut loam, 2 to 8 percent slopes, eroded</td>
</tr>
<tr>
<td>HoE</td>
<td>Honcut cobbly sandy loam, 2 to 25 percent slopes</td>
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<tr>
<td>HnD2</td>
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<td>Gorgonio loamy sand, channeled, 2 to 15 percent slopes</td>
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<td>Garretson gravelly very fine sandy loam, 2 to 8 percent slopes</td>
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<td>CnC</td>
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<tr>
<td>ClC</td>
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<td>CkF2</td>
<td>Cieneba rocky sandy loam, 15 to 50 percent slopes, eroded</td>
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<tr>
<td>CP</td>
<td>Clay Pits</td>
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<td>AlE</td>
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<td>AkC</td>
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<tr>
<td>197</td>
<td>Soboba gravelly loamy sand, 0 to 5 percent slopes</td>
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</table>

Map Notes:
- Project Features subject to change based on geotechnical investigations, final engineering reviews, and input from federal, state, and local agencies, and final determinations conducted prior to construction
- Map Current as of 11/19/2014

Appendix H - Soils

MSHCP Biological Resources Technical Report
for the Valley-Ivyglen Subtransmission Line Project
Phase 2
Riverside County, California
**Appendix H - Soils**

**MSHCP Biological Resources Technical Report**

**Subtransmission Route**

- Map Current as of 11/19/2014
- Field assessments conducted prior to construction
- Ongoing coordination with the resource agencies, and geotechnical investigations, final engineering,
- Project Features subject to change based on

**Legend**

- **Subtransmission Route**
  - Map 14
  - 1 inch = 300 feet

- **Soil Type**
  - Project Features
  - Phase 2
  - Subtransmission Route

- **Pole Type**
  - Segment 3
  - Segment 4
  - Segment 5
  - Segment 6

- **Fiber Optic Line**
  - Underground Fiber Optic in Existing Conduit
  - Underground Fiber Optic in New Construction

- **Map Notes:**
  - Map Page Indicator
  - CPUC Buffer (May 2013)
  - Conserved Lands (MSHCP)
  - Material Yards

- **Scale:**
  - Legend

- **Surface Water**
  - Streams (May 2013)

- **Gazetteer:**
  - Riverside County, California

- **Base Map Source:**
  - Esri, HERE, Garmin, InterOverlay, NPS, USGS, USDA, NGA, Getmapping, TomTom
Appendix H - Soils

MSHCP Biological Resources Technical Report for the Valley-Ivyglen Subtransmission Line Project

Riverside County, California

Legend

Project Features

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<thead>
<tr>
<th>Pole Type</th>
<th>Subtransmission Route</th>
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<td>Guy</td>
<td>Segment 2</td>
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<td>LWSP</td>
<td>Segment 4</td>
</tr>
<tr>
<td>Hybrid</td>
<td>Segment 5</td>
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<td>Guy</td>
<td>Segment 6</td>
</tr>
<tr>
<td>RW</td>
<td>Segment 7</td>
</tr>
<tr>
<td>Guard</td>
<td>Segment 8</td>
</tr>
</tbody>
</table>

Fiber Optic Line

- Electrical Fiber Optic Cable
- Underground Fiber Optic in Existing Conduit
- Underground Fiber Optic in New Conduit

Soil Type

- 197 - Soboba gravelly loamy sand, 0 to 5 percent slopes
- AaD - Altamont clay, 5 to 15 percent slopes
- AaE2 - Altamont clay, 15 to 25 percent slopes, eroded
- AaF - Altamont clay, 25 to 50 percent slopes
- AbF - Altamont cobbly clay, 8 to 35 percent slopes
- AkC - Arbuckle loam, 2 to 8 percent slopes
- AlC - Arbuckle gravelly loam, 2 to 8 percent slopes
- AlD - Arbuckle gravelly loam, 8 to 15 percent slopes
- AlE - Arbuckle gravelly loam, 15 to 25 percent slopes
- CP - Clay Pits
- CkF2 - Cieneba rocky sandy loam, 15 to 50 percent slopes, eroded
- ClC - Cortina gravelly loamy sand, 2 to 8 percent slopes
- CnC - Cortina gravelly coarse sandy loam, 2 to 8 percent slopes
- CrD - Cortina cobbly sandy loam, 2 to 12 percent slopes
- GaA - Garretson very fine sandy loam, 0 to 2 percent slopes
- GaC - Garretson very fine sandy loam, 2 to 8 percent slopes
- GdA - Garretson gravelly very fine sandy loam, 0 to 2 percent slopes
- GdC - Garretson gravelly very fine sandy loam, 2 to 8 percent slopes
- GhC - Gorgonio loamy sand, 0 to 8 percent slopes
- GkD - Gorgonio loamy sand, channeled, 2 to 15 percent slopes
- HcC - Hanford coarse sandy loam, 2 to 8 percent slopes
- HnC - Honcut sandy loam, 2 to 8 percent slopes
- HnD2 - Honcut sandy loam, 8 to 15 percent slopes, eroded
- HoE - Honcut cobbly sandy loam, 2 to 25 percent slopes
- HuC2 - Honcut loam, 2 to 8 percent slopes, eroded
- PaA - Pachappa fine sandy loam, 0 to 2 percent slopes
- PaC2 - Pachappa fine sandy loam, 2 to 8 percent slopes, eroded
- PlB - Placentia fine sandy loam, 0 to 5 percent slopes
- PlD - Placentia fine sandy loam, 5 to 15 percent slopes
- PoC - Porterville clay, 0 to 8 percent slopes
- RaB2 - Ramona sandy loam, 2 to 5 percent slopes, eroded
- RaB3 - Ramona sandy loam, 0 to 5 percent slopes, severely eroded
- RaC3 - Ramona sandy loam, 5 to 8 percent slopes, severely eroded
- RaD2 - Ramona sandy loam, 8 to 15 percent slopes, eroded
- RaD3 - Ramona sandy loam, 8 to 15 percent slopes, severely eroded
- RaE3 - Ramona sandy loam, 15 to 25 percent slopes, severely eroded
- RsC - Riverwash
- RuF - Rough broken land
- SeC2 - San Emigdio fine sandy loam, 2 to 8 percent slopes, eroded
- SsD - Soboba stony loamy sand, 2 to 15 percent slopes
- TbF2 - Temescal rocky loam, 15 to 50 percent slopes, eroded
- TeG - Terrace escarpments
- Tp2 - Traver loamy fine sand, eroded
- Tr2 - Traver loamy fine sand, saline-alkali, eroded
- Ts - Traver fine sandy loam, saline-alkali
- TvC - Tujunga loamy sand, channeled, 0 to 8 percent slopes
- TwC - Tujunga gravelly loamy sand, 0 to 8 percent slopes
- W - Water
- Wg - Willows silty clay, saline-alkali
- YbD2 - Yokohl loam, 8 to 15 percent slopes, eroded
- YbE3 - Yokohl loam, 8 to 25 percent slopes, severely eroded

*Map Notes:
- Project Features subject to change based on geological investigations, field engineering, studies completed by the resource agencies, and field inspections conducted prior to construction
- Map Content as of 11/19/2014

amec

Appendix H - Soils

MSHCP Biological Resources Technical Report for the Valley-Ivyglen Subtransmission Line Project

Phase 2

Riverside County, California

Map 17
Appendix H - Soils

MSHCP Biological Resources Technical Report for the Valley-Ivyglen Subtransmission Line Project
Phase 2
Riverside County, California

Soil Type
- 197 - Soboba gravelly loamy sand, 0 to 5 percent slopes
- AaD - Altamont clay, 5 to 15 percent slopes
- AaE2 - Altamont clay, 15 to 25 percent slopes, eroded
- AaF - Altamont clay, 25 to 50 percent slopes
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- AlC - Arbuckle gravelly loam, 2 to 8 percent slopes
- AlD - Arbuckle gravelly loam, 8 to 15 percent slopes
- AlE - Arbuckle gravelly loam, 15 to 25 percent slopes
- CP - Clay Pits
- CkF2 - Cieneba rocky sandy loam, 15 to 50 percent slopes, eroded
- ClC - Cortina gravelly loamy sand, 2 to 8 percent slopes
- CnC - Cortina gravelly coarse sandy loam, 2 to 8 percent slopes
- CrD - Cortina cobbly sandy loam, 2 to 12 percent slopes
- GaA - Garretson very fine sandy loam, 0 to 2 percent slopes
- GaC - Garretson very fine sandy loam, 2 to 8 percent slopes
- GdA - Garretson gravelly very fine sandy loam, 0 to 2 percent slopes
- GdC - Garretson gravelly very fine sandy loam, 2 to 8 percent slopes
- GhC - Gorgonio loamy sand, 0 to 8 percent slopes
- GkD - Gorgonio loamy sand, channeled, 2 to 15 percent slopes
- HcC - Hanford coarse sandy loam, 2 to 8 percent slopes
- HnC - Honcut sandy loam, 2 to 8 percent slopes
- HnD2 - Honcut sandy loam, 8 to 15 percent slopes, eroded
- HoE - Honcut cobbly sandy loam, 2 to 25 percent slopes
- HuC2 - Honcut loam, 2 to 8 percent slopes, eroded
- PaA - Pachappa fine sandy loam, 0 to 2 percent slopes
- PaC2 - Pachappa fine sandy loam, 2 to 8 percent slopes, eroded
- PlB - Placentia fine sandy loam, 0 to 5 percent slopes
- PlD - Placentia fine sandy loam, 5 to 15 percent slopes
- PoC - Porterville clay, 0 to 8 percent slopes
- RaB2 - Ramona sandy loam, 2 to 5 percent slopes, eroded
- RaB3 - Ramona sandy loam, 0 to 5 percent slopes, severely eroded
- RaC3 - Ramona sandy loam, 5 to 8 percent slopes, severely eroded
- RaD2 - Ramona sandy loam, 8 to 15 percent slopes, eroded
- RaD3 - Ramona sandy loam, 8 to 15 percent slopes, severely eroded
- RaE3 - Ramona sandy loam, 15 to 25 percent slopes, severely eroded
- RsC - Riverwash
- RuF - Rough broken land
- SeC2 - San Emigdio fine sandy loam, 2 to 8 percent slopes, eroded
- SsD - Soboba stony loamy sand, 2 to 15 percent slopes
- TbF2 - Temescal rocky loam, 15 to 50 percent slopes, eroded
- TeG - Terrace escarpments
- Tp2 - Traver loamy fine sand, eroded
- Tr2 - Traver loamy fine sand, saline-alkali, eroded
- Ts - Traver fine sandy loam, saline-alkali
- TvC - Tujunga loamy sand, channeled, 0 to 8 percent slopes
- TwC - Tujunga gravelly loamy sand, 0 to 8 percent slopes
- W - Water
- Wg - Willows silty clay, saline-alkali
- YbD2 - Yokohl loam, 8 to 15 percent slopes, eroded
- YbE3 - Yokohl loam, 8 to 25 percent slopes, severely eroded

Map Notes:
- Project Features subject to change based on geological investigations, soil engineering, ongoing coordination with the resource agencies, and final reports concluded prior to construction.
- Map Current as of 11/19/2014

Legend
- Project Features
- Subtransmission Route
- Pole Type
- Fiber Optic Line
- Material Yards
- Conserved Lands (MSHCP)
- CPUC Buffer (May 2013)

* 1 inch = 300 feet

Map 18