



- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed
- Yucca schidigera Shrubland

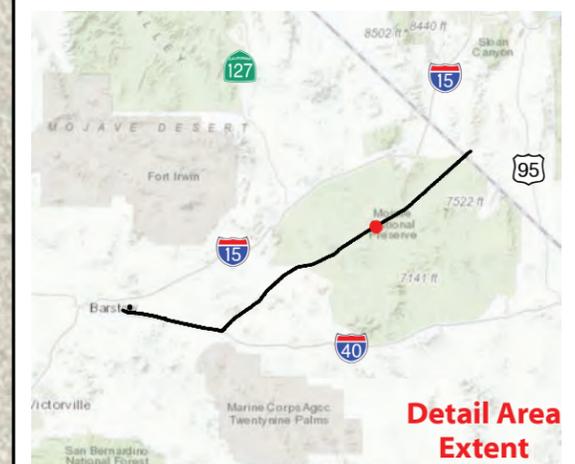


Figure 4, Page 138 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed



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**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed
- Prunus fasciculata - Salazaria mexicana Shrubland



Figure 4, Page 140 of 192

**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed

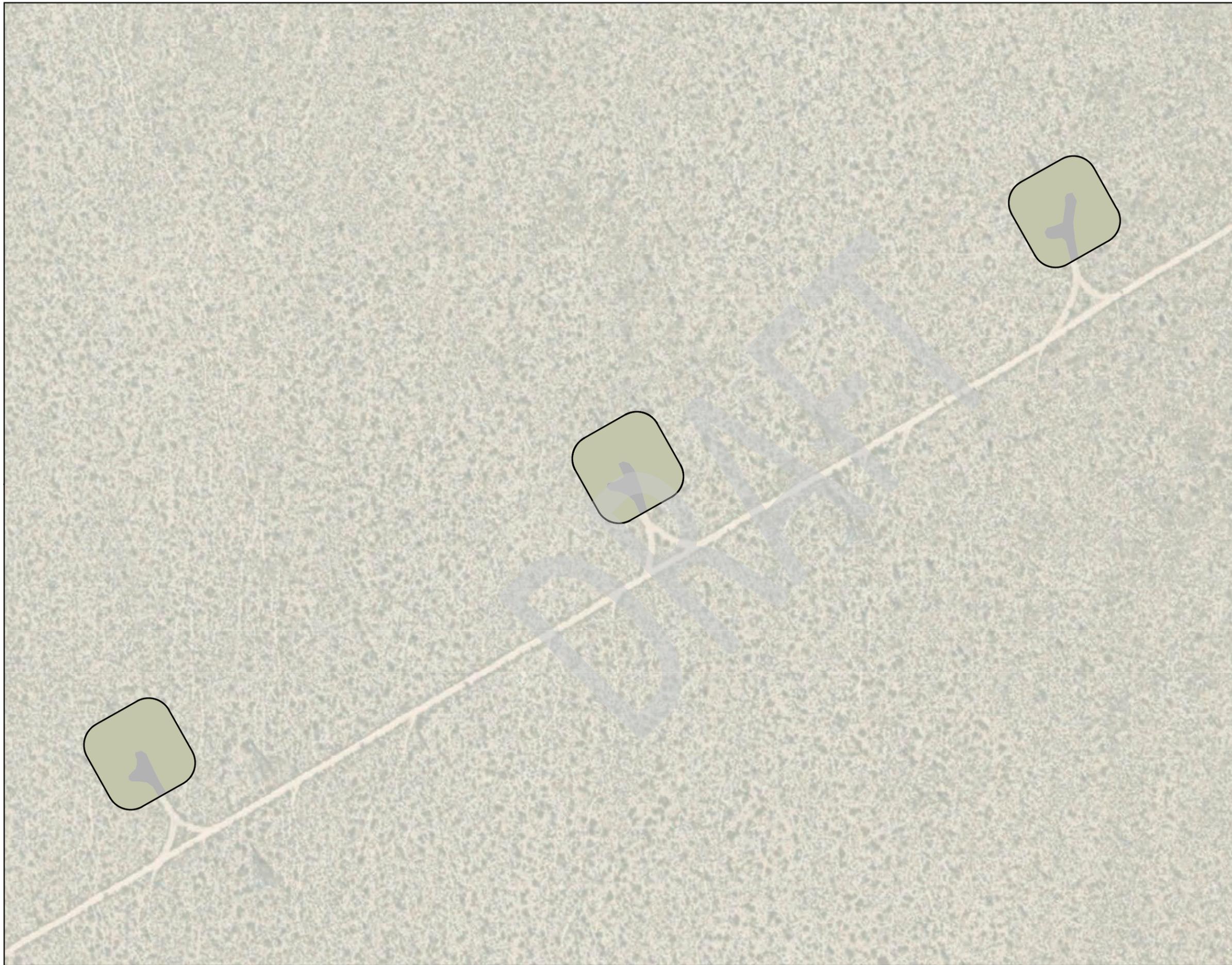


Figure 4, Page 141 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed

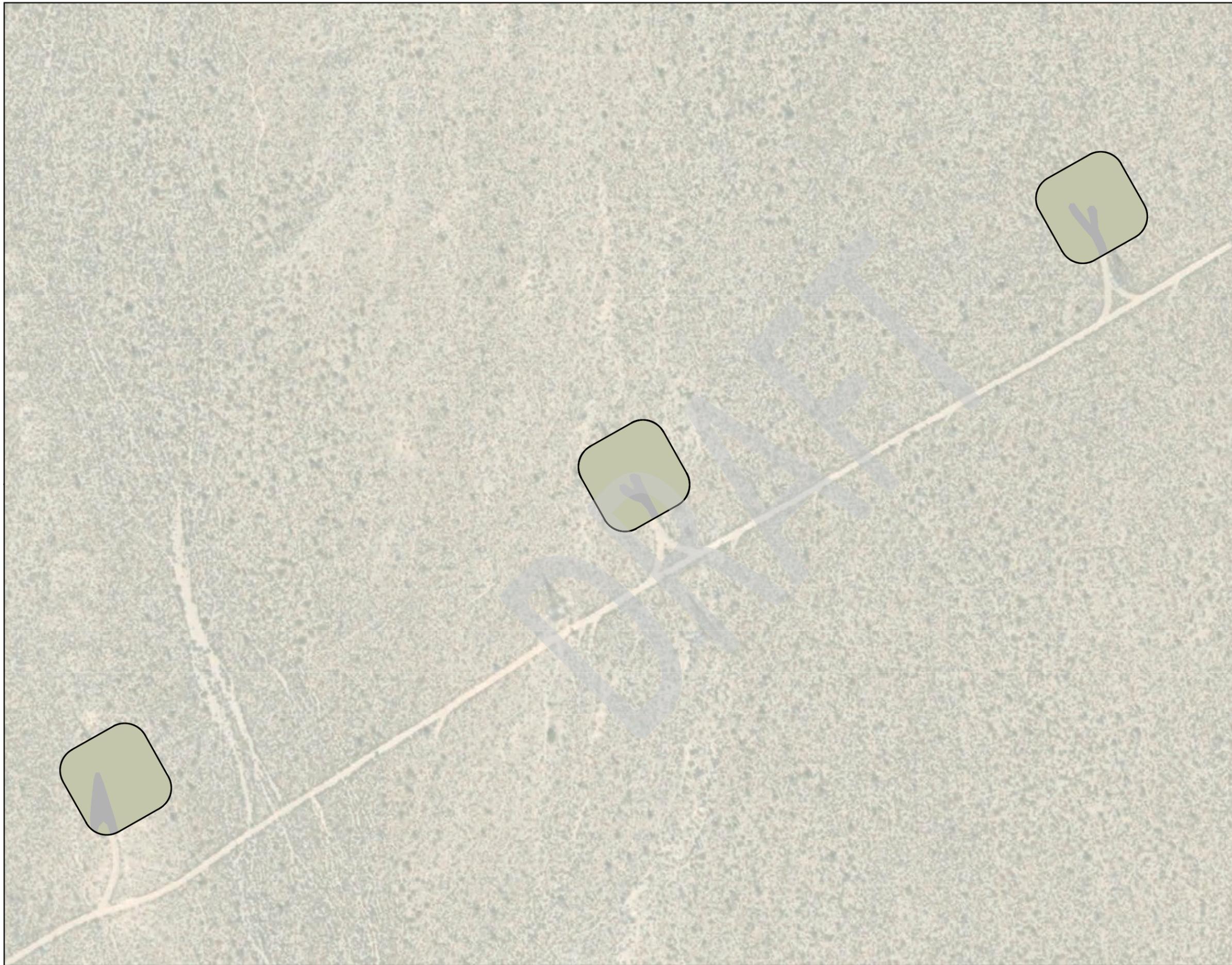


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**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed



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**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed



Figure 4, Page 144 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed



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### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed



Figure 4, Page 146 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed



Figure 4, Page 147 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed



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**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed



Figure 4, Page 149 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed

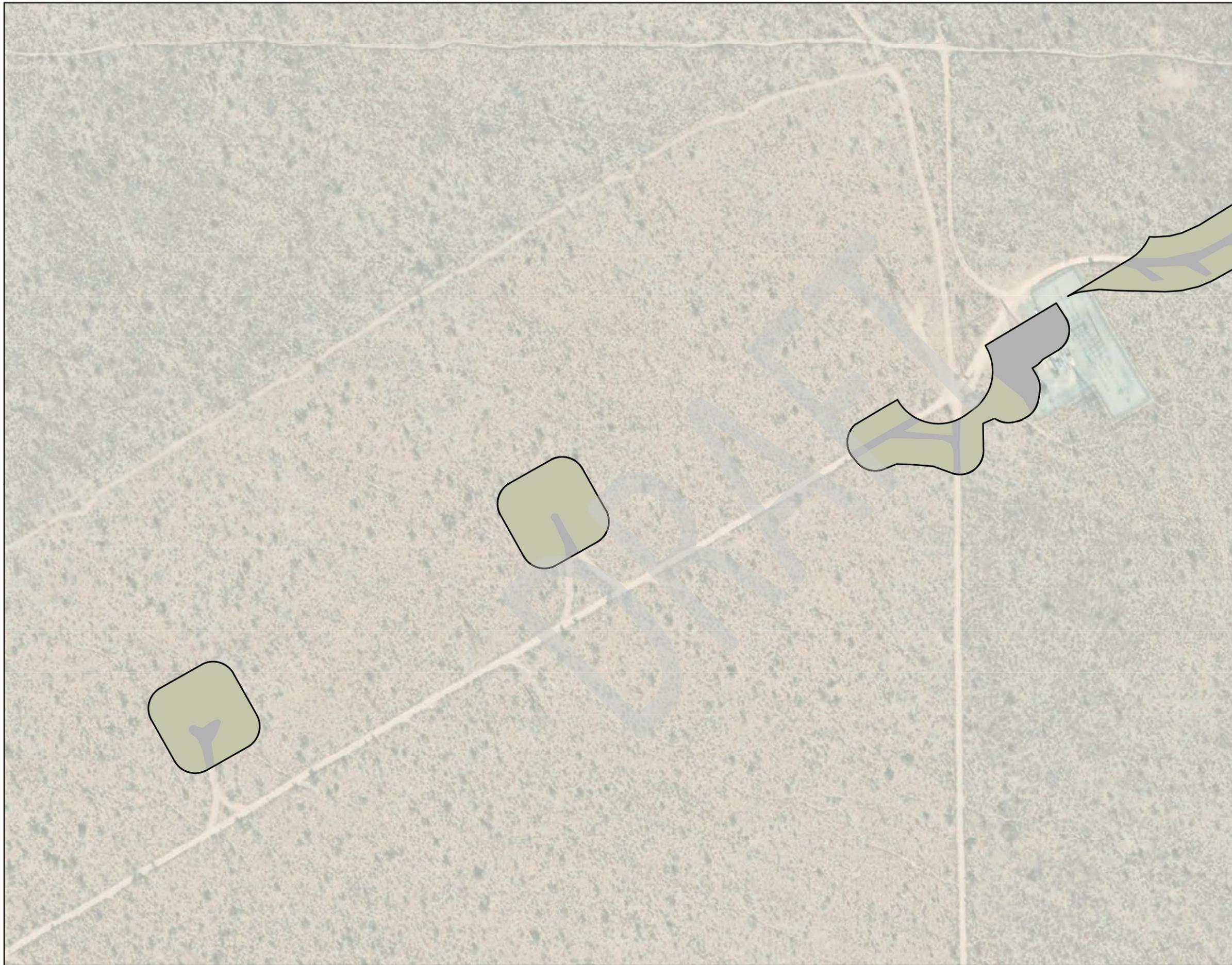


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### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed

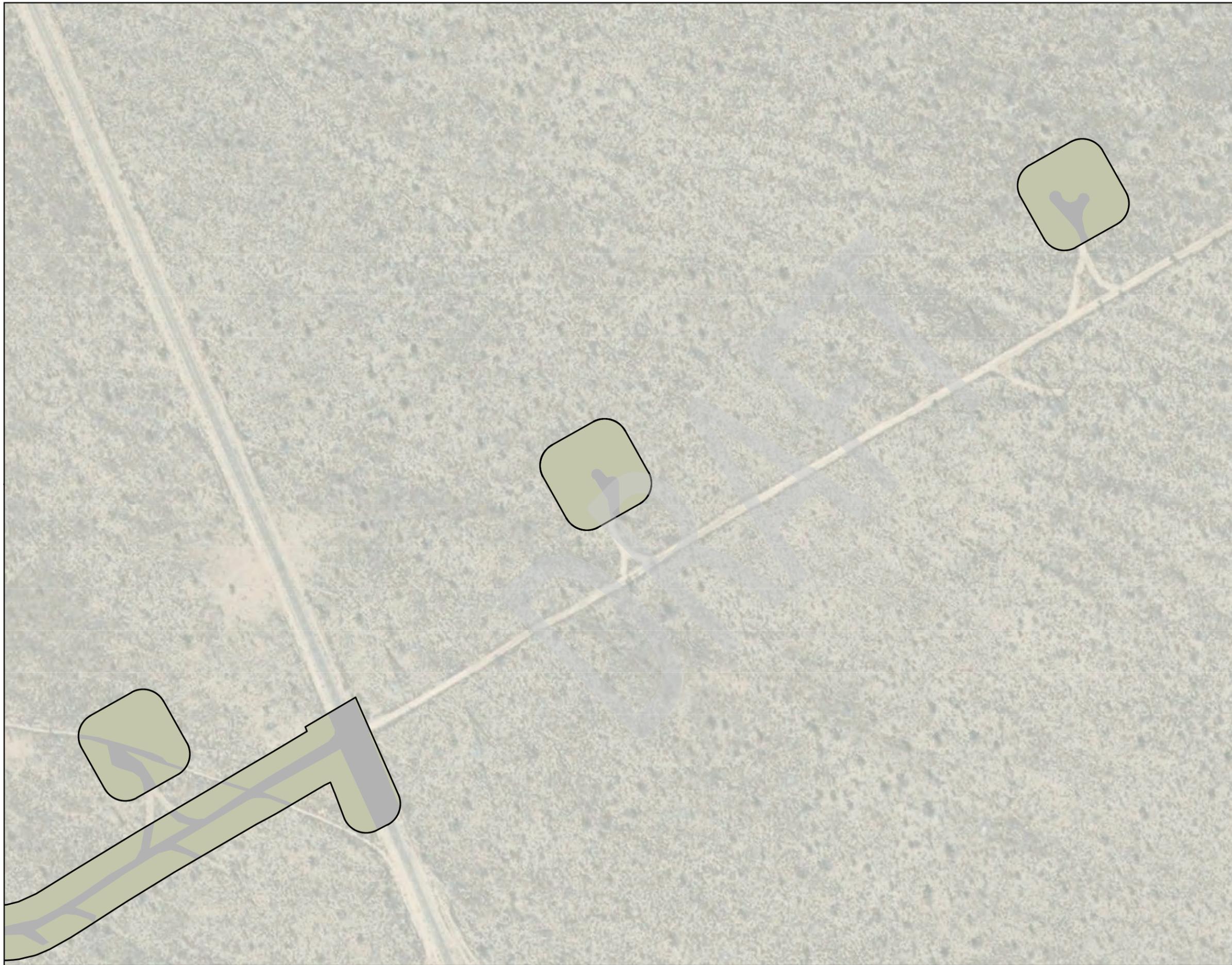


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### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed

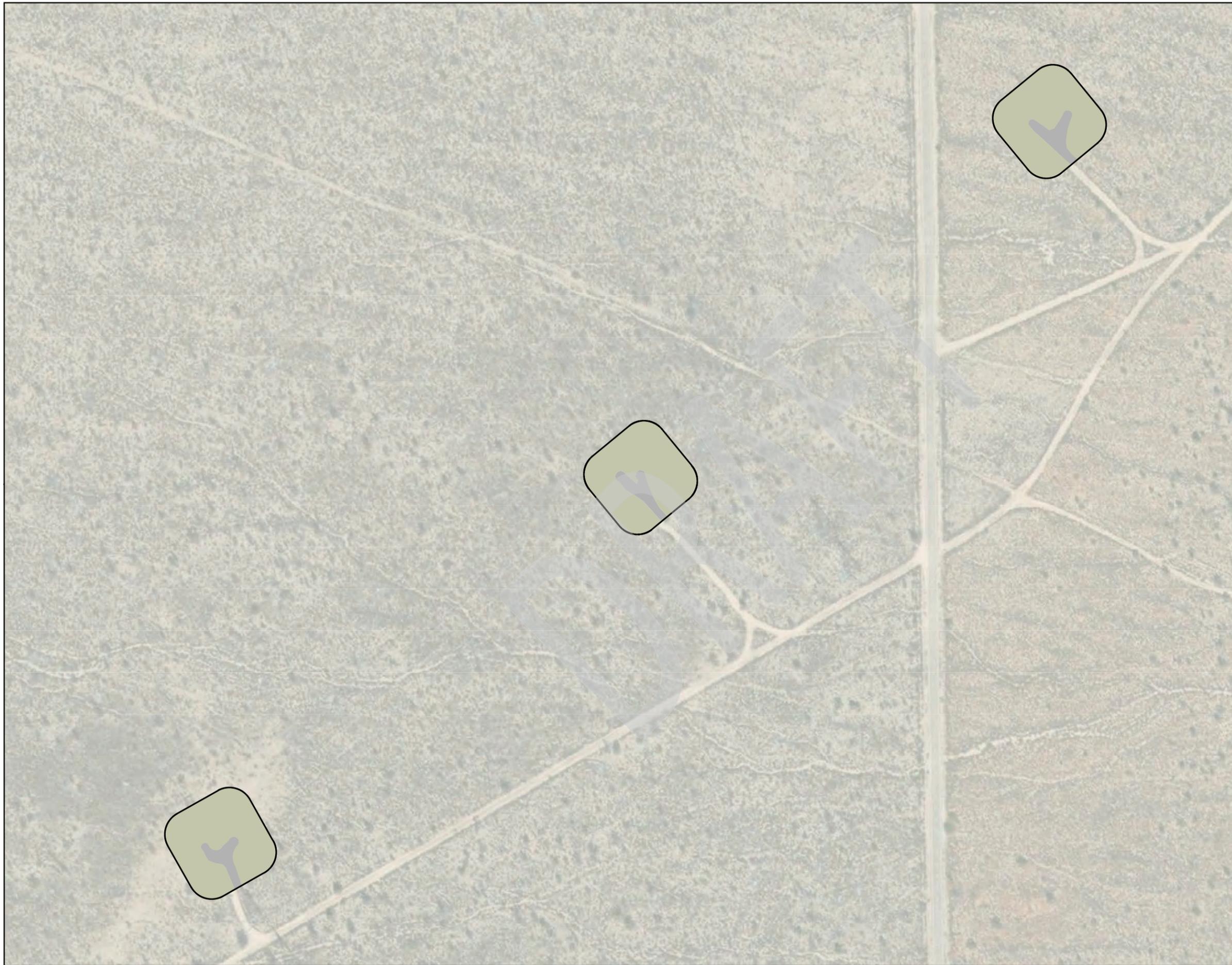


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### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed



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## Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed



Figure 4, Page 154 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed

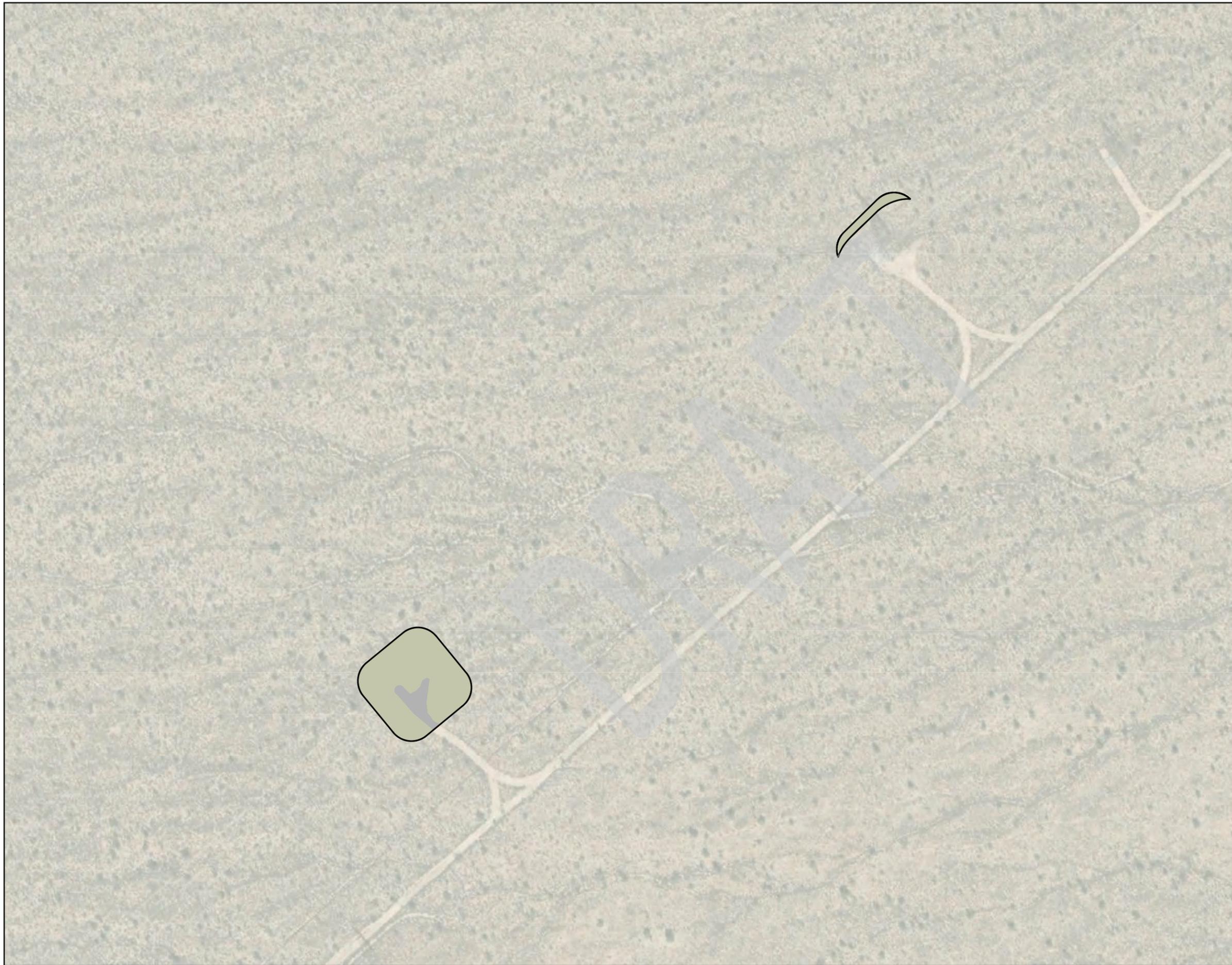


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**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed



Figure 4, Page 156 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed



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### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed



Figure 4, Page 158 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Ericameria paniculata Shrubland
- Yucca brevifolia Woodland
- Vegetation Communities**
- Ambrosia salsola - Bebbia juncea Shrubland
- Developed

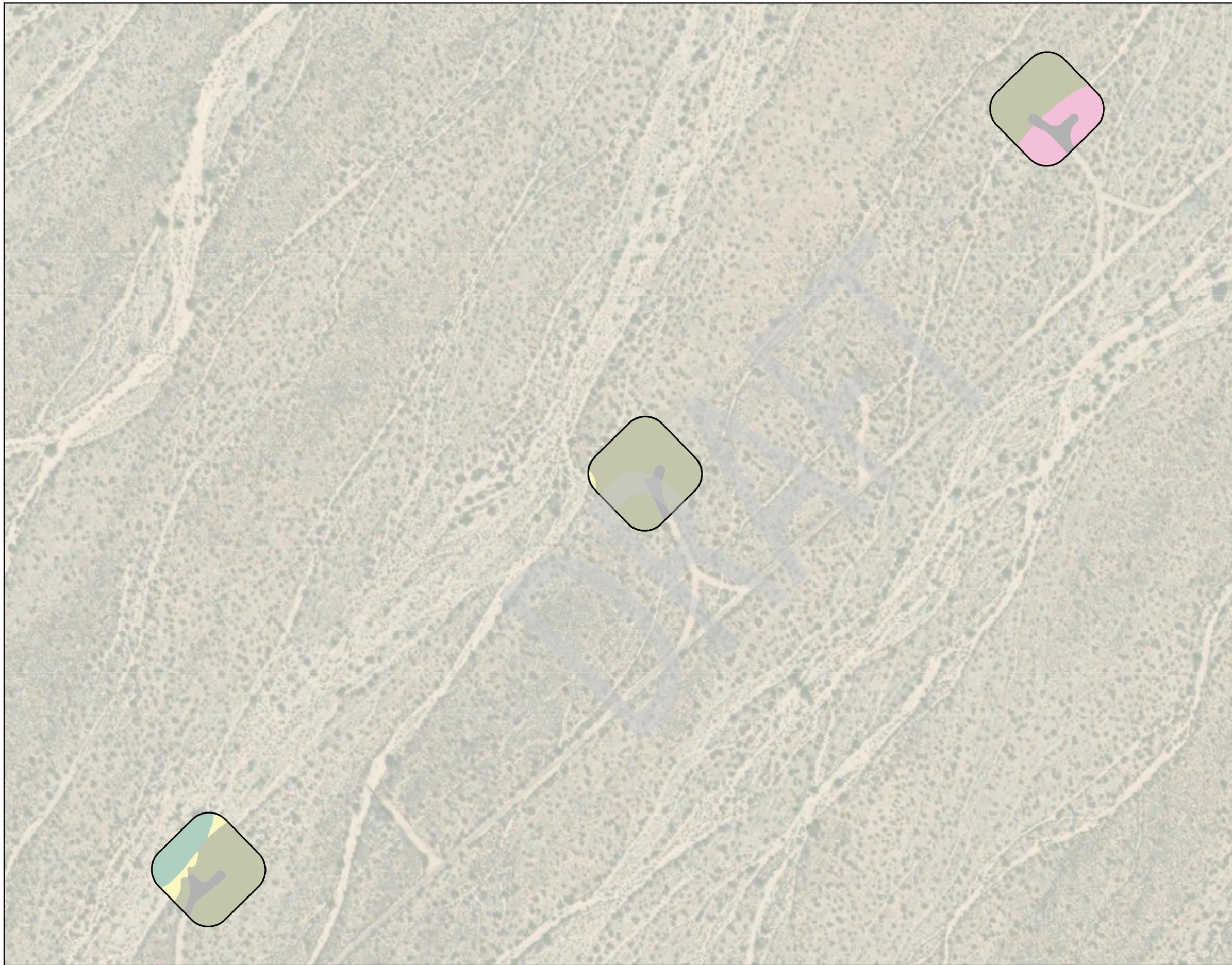


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### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Ambrosia salsola - Bebbia juncea Shrubland
- Developed
- Larrea tridentata - Ambrosia dumosa Shrubland
- Senegalia greggii - Hyptis emoryi - Justicia californica Shrubland

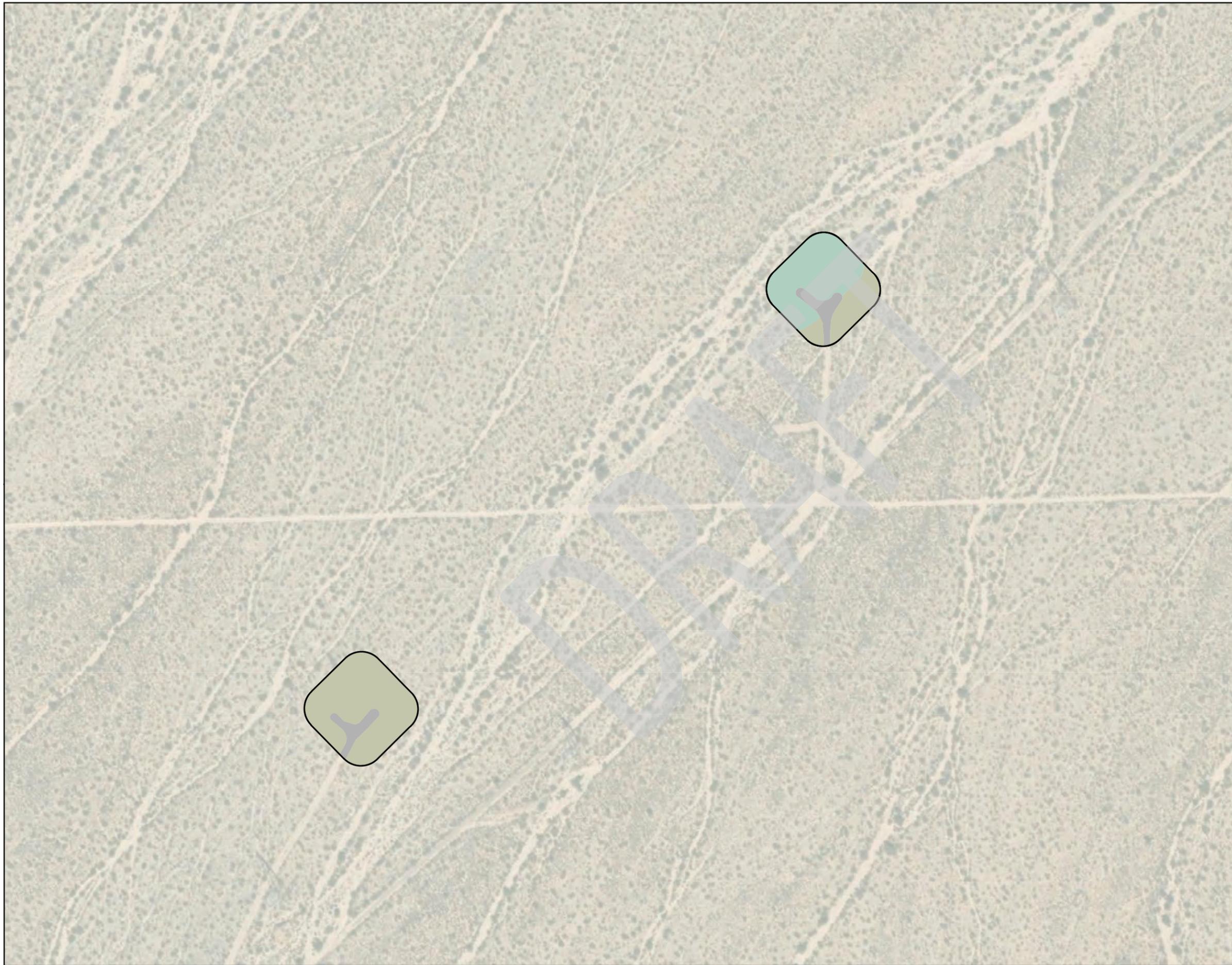


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### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed
- Senegalia greggii - Hyptis emoryi -  
Justicia californica Shrubland



Figure 4, Page 161 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Sensitive Vegetation Communities**
- Yucca brevifolia Woodland
- Vegetation Communities**
- Developed
- Larrea tridentata Shrubland
- Larrea tridentata - Ambrosia dumosa Shrubland
- Senegalia greggii - Hyptis emoryi - Justicia californica Shrubland



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### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- Vegetation Communities**
-  Developed
-  Larrea tridentata Shrubland



Figure 4, Page 163 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata Shrubland

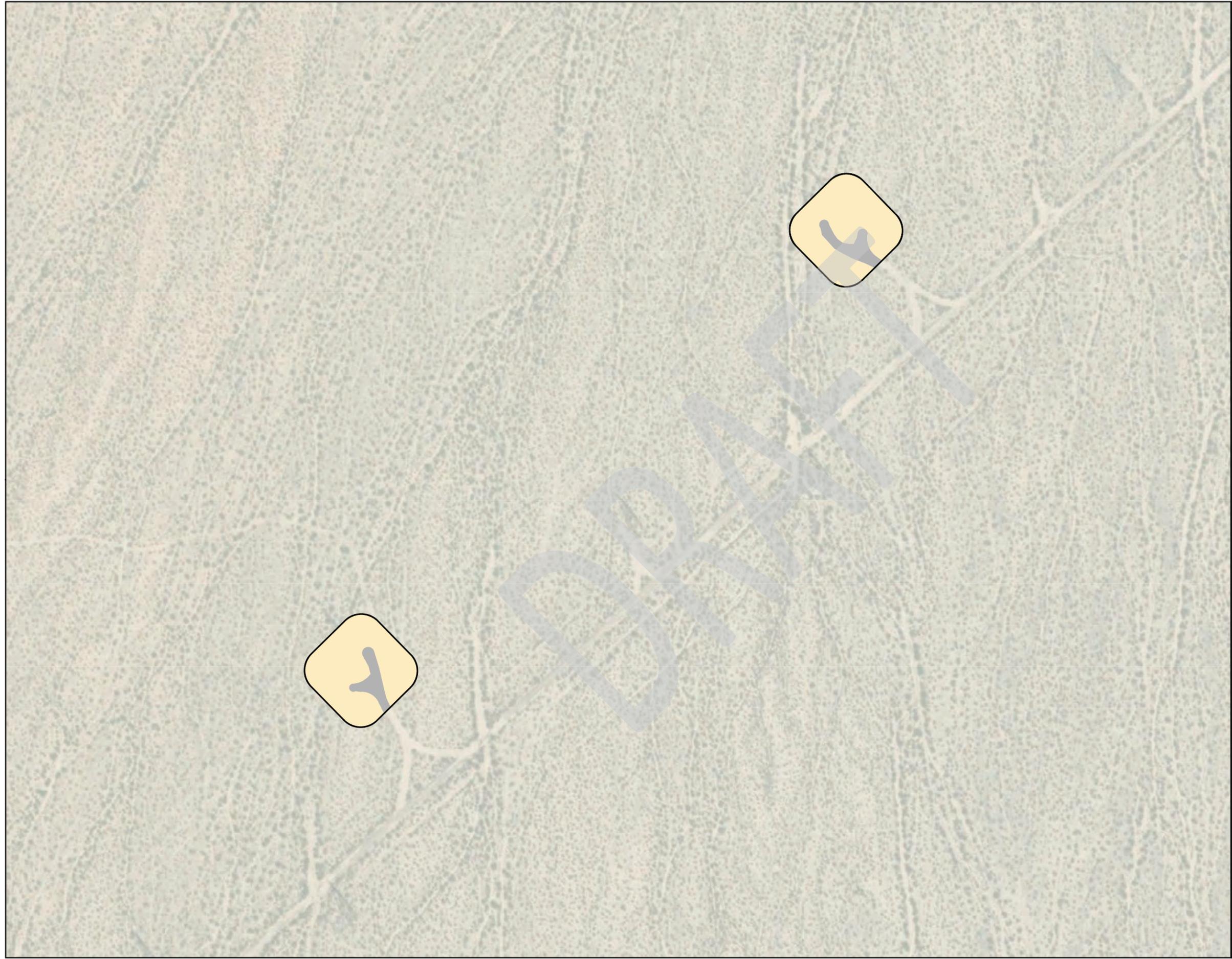


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### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata Shrubland



Figure 4, Page 165 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- Vegetation Communities**
-  Developed
-  Larrea tridentata Shrubland

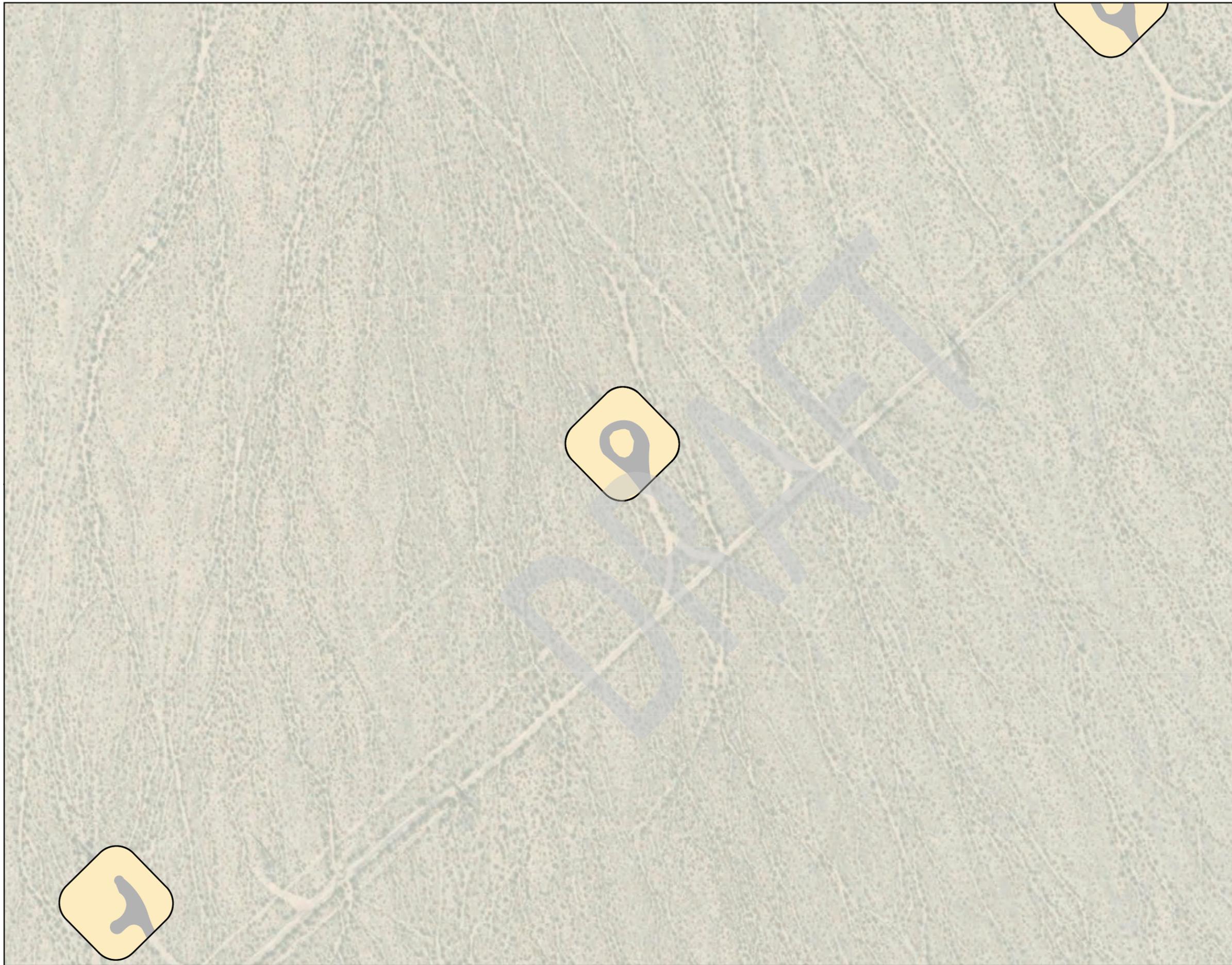


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### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata Shrubland



Figure 4, Page 167 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata Shrubland

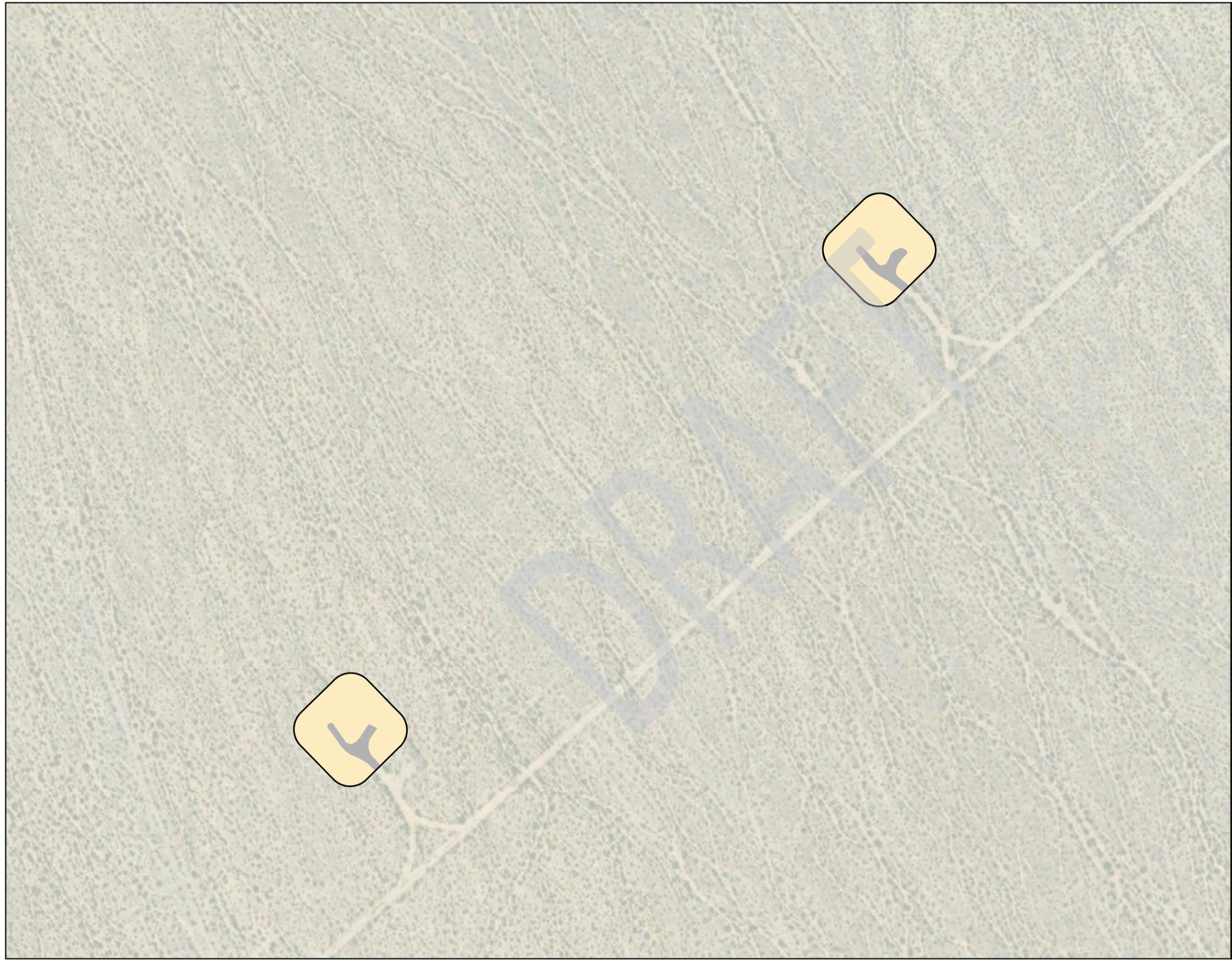


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### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata Shrubland



Figure 4, Page 169 of 192

**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- Vegetation Communities**
-  Developed
-  Larrea tridentata Shrubland

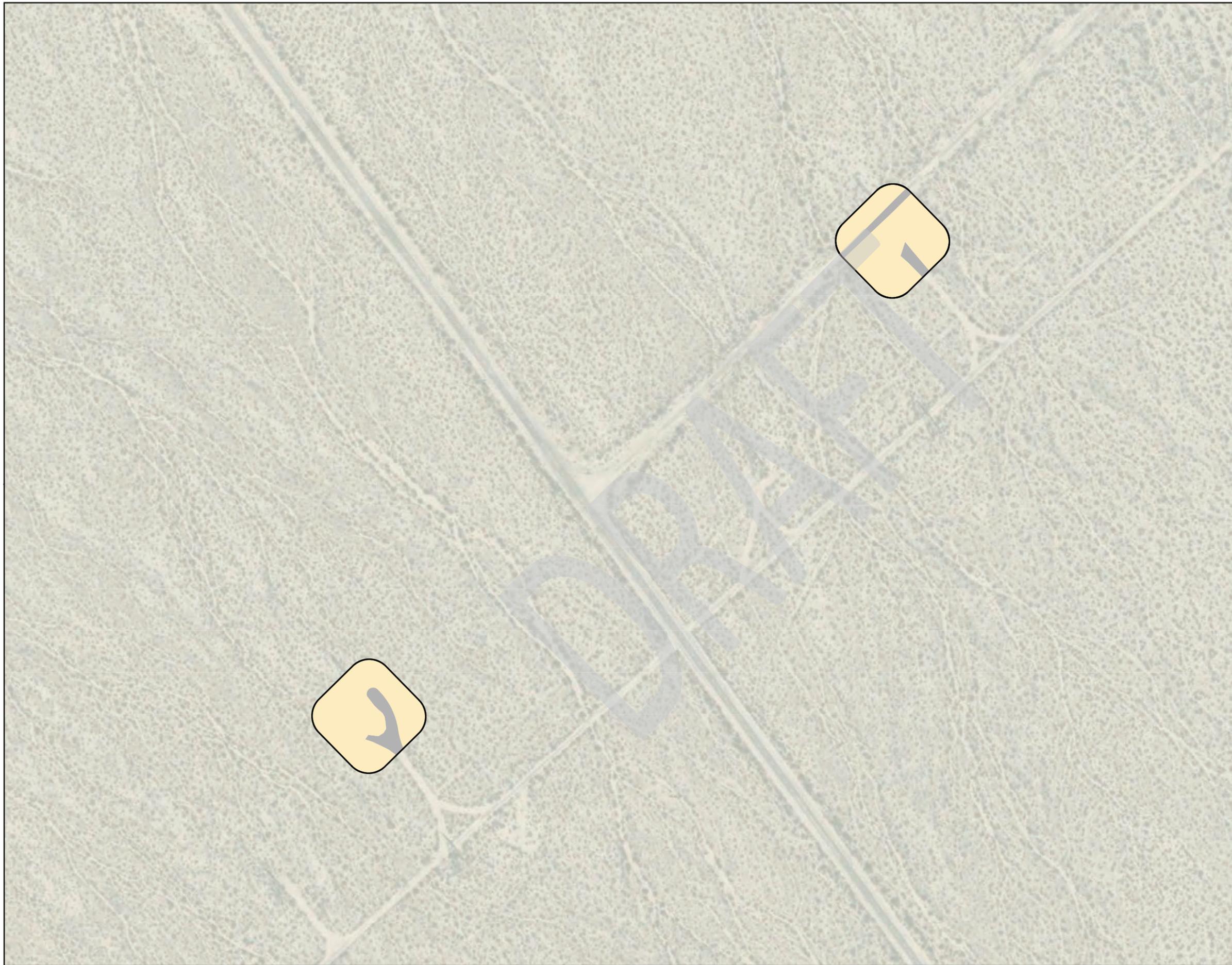


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### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata Shrubland



Figure 4, Page 171 of 192

**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- Vegetation Communities**
-  Developed
-  Larrea tridentata Shrubland

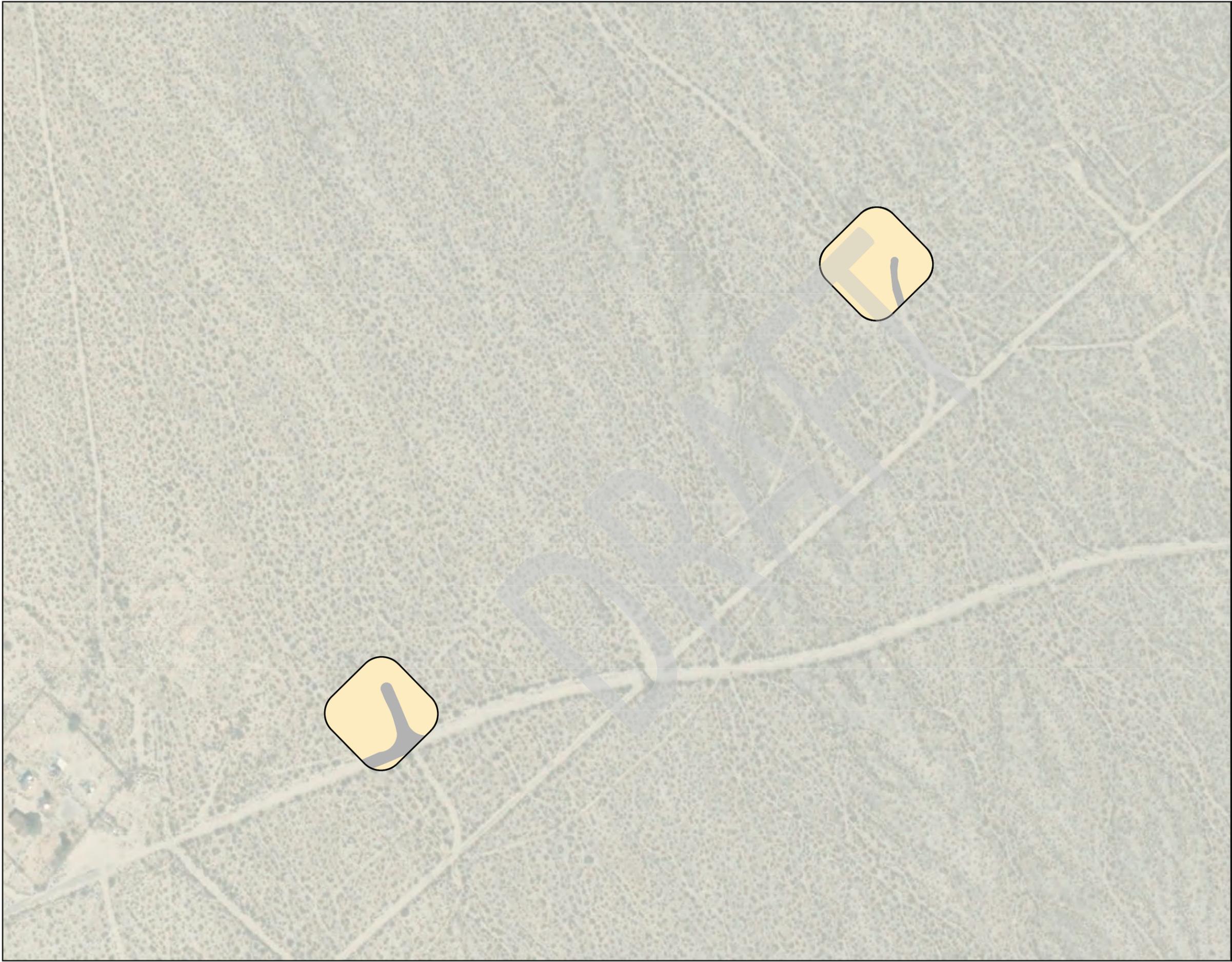


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### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata Shrubland

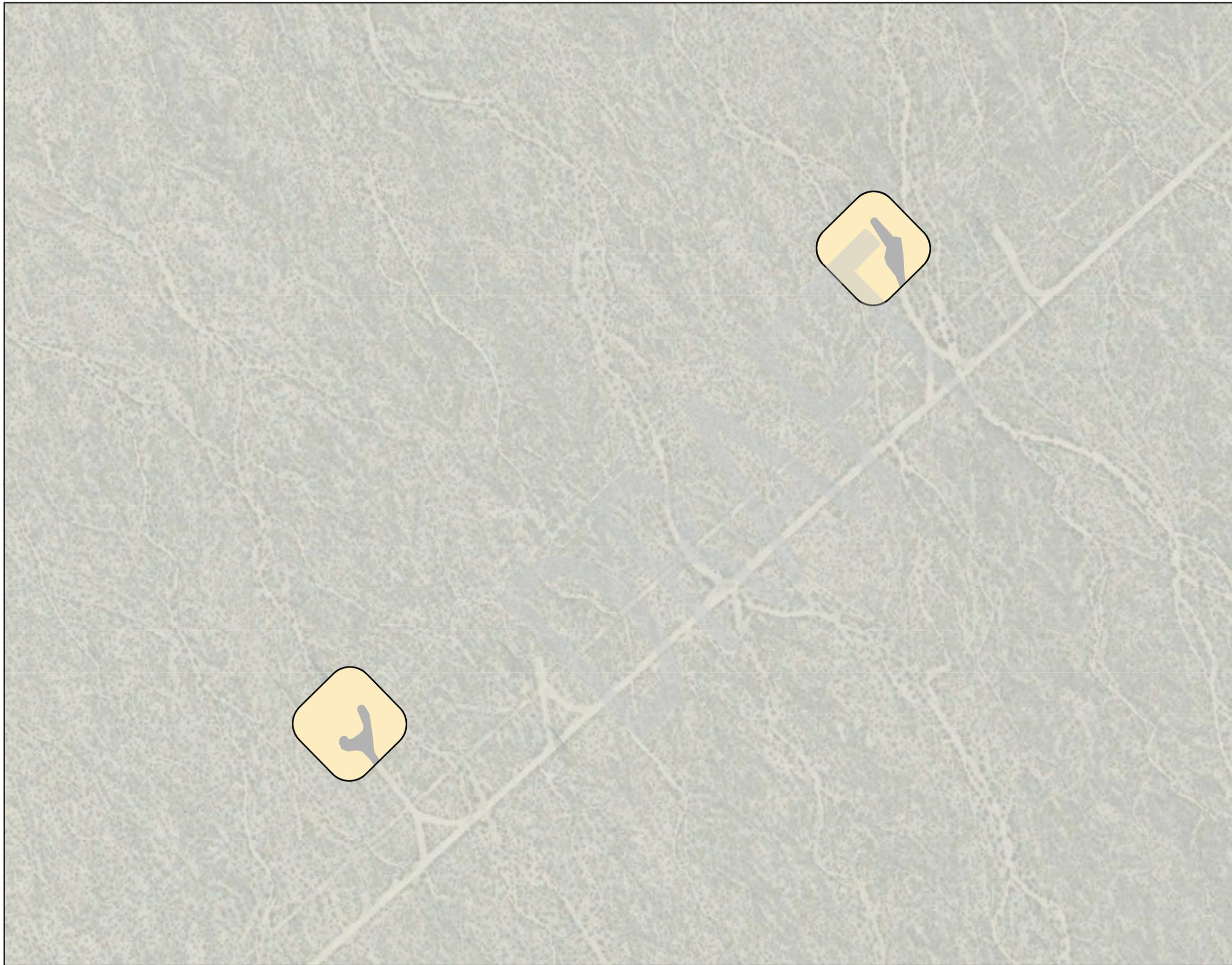


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**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- Vegetation Communities**
-  Developed
-  Larrea tridentata Shrubland

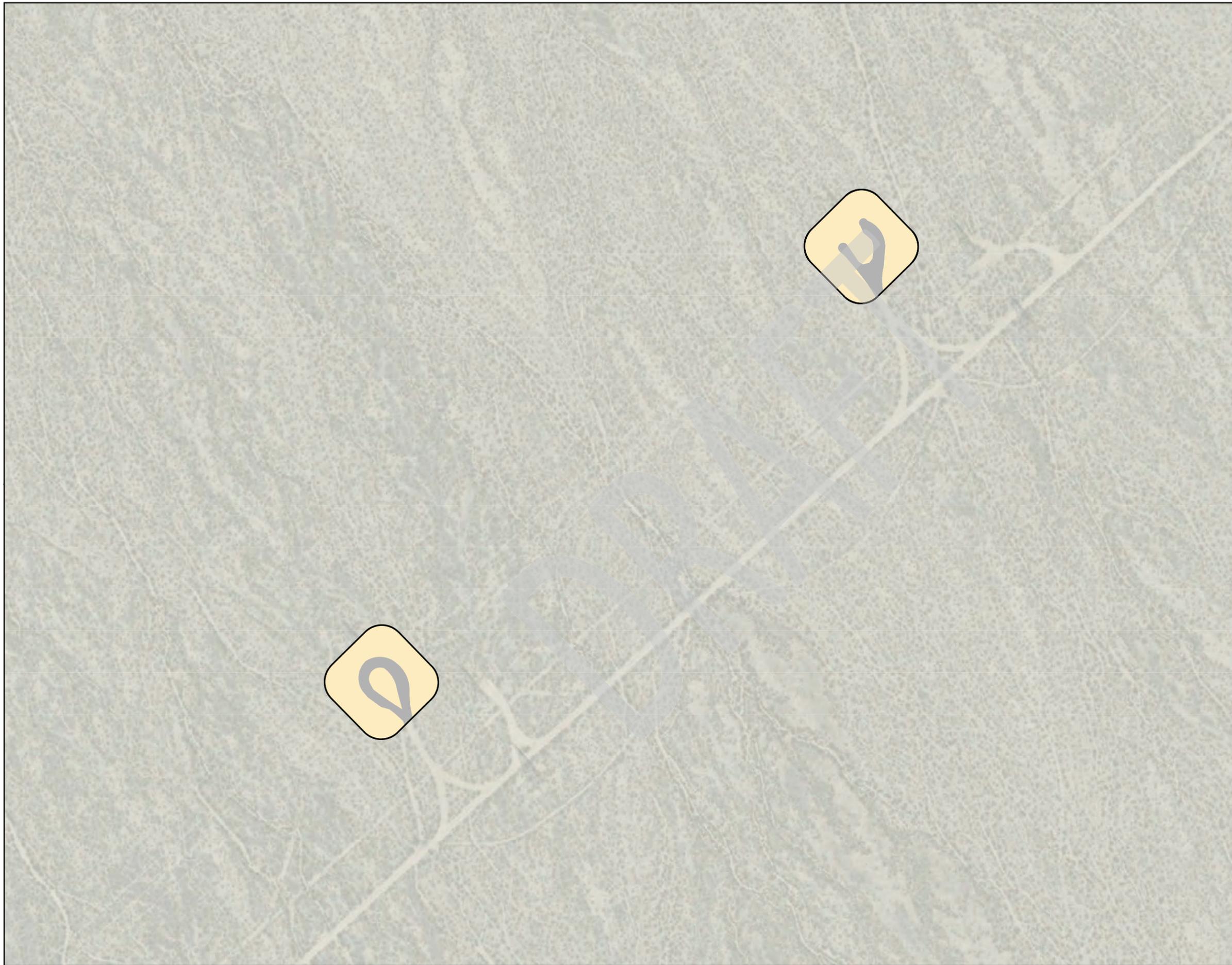


Figure 4, Page 174 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- Vegetation Communities**
-  Developed
-  Larrea tridentata Shrubland



Figure 4, Page 175 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- Vegetation Communities**
-  Developed
-  Larrea tridentata Shrubland

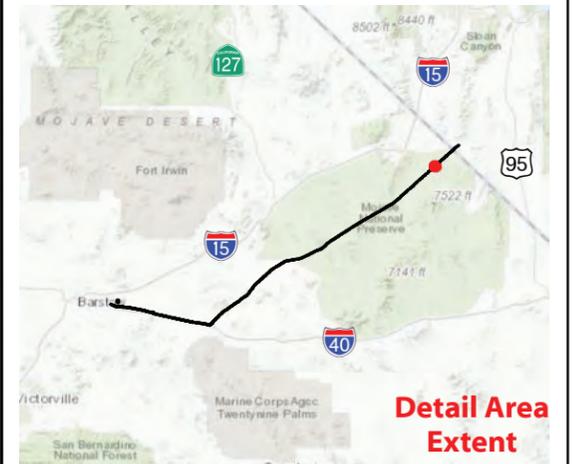
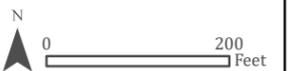
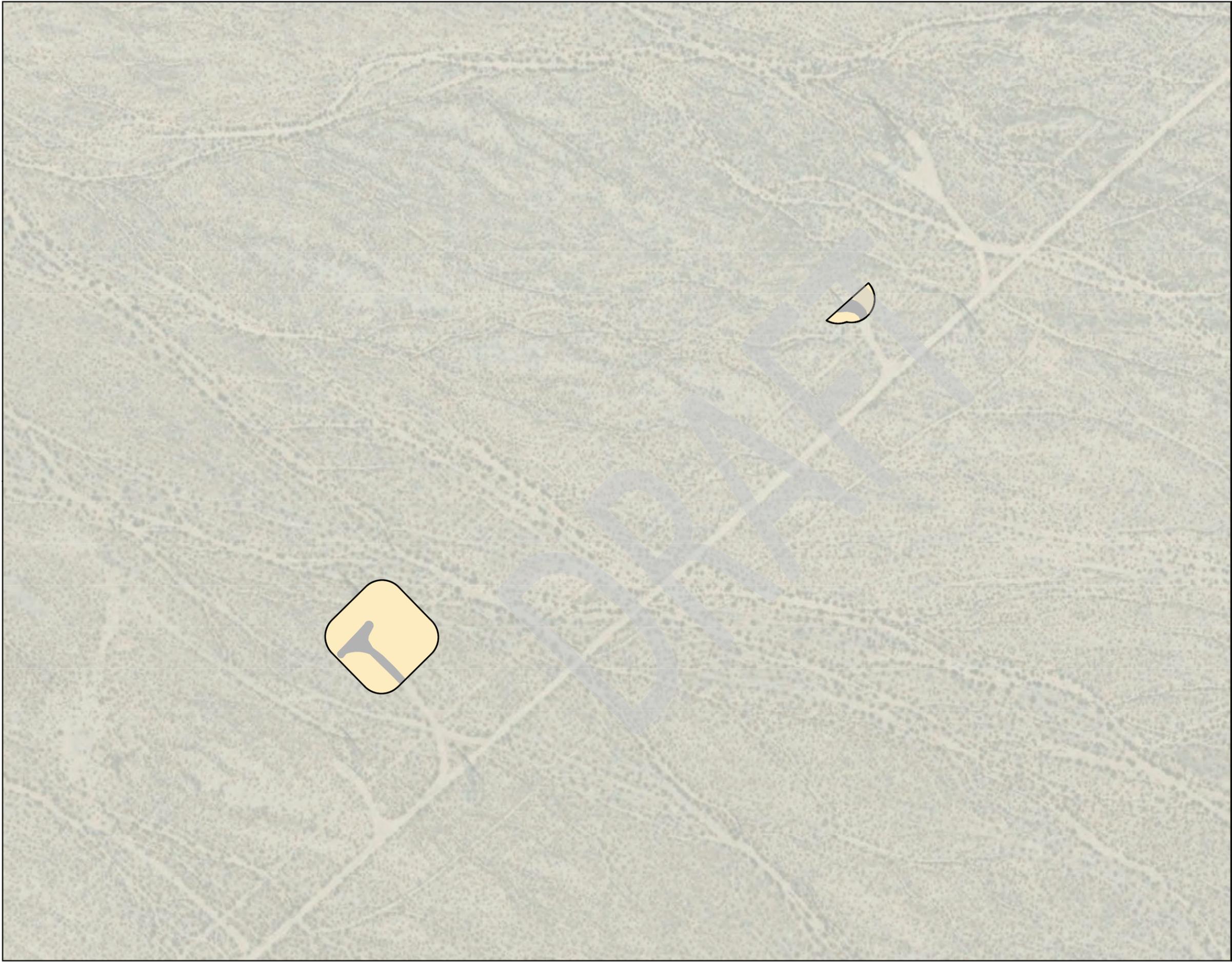


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### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata Shrubland

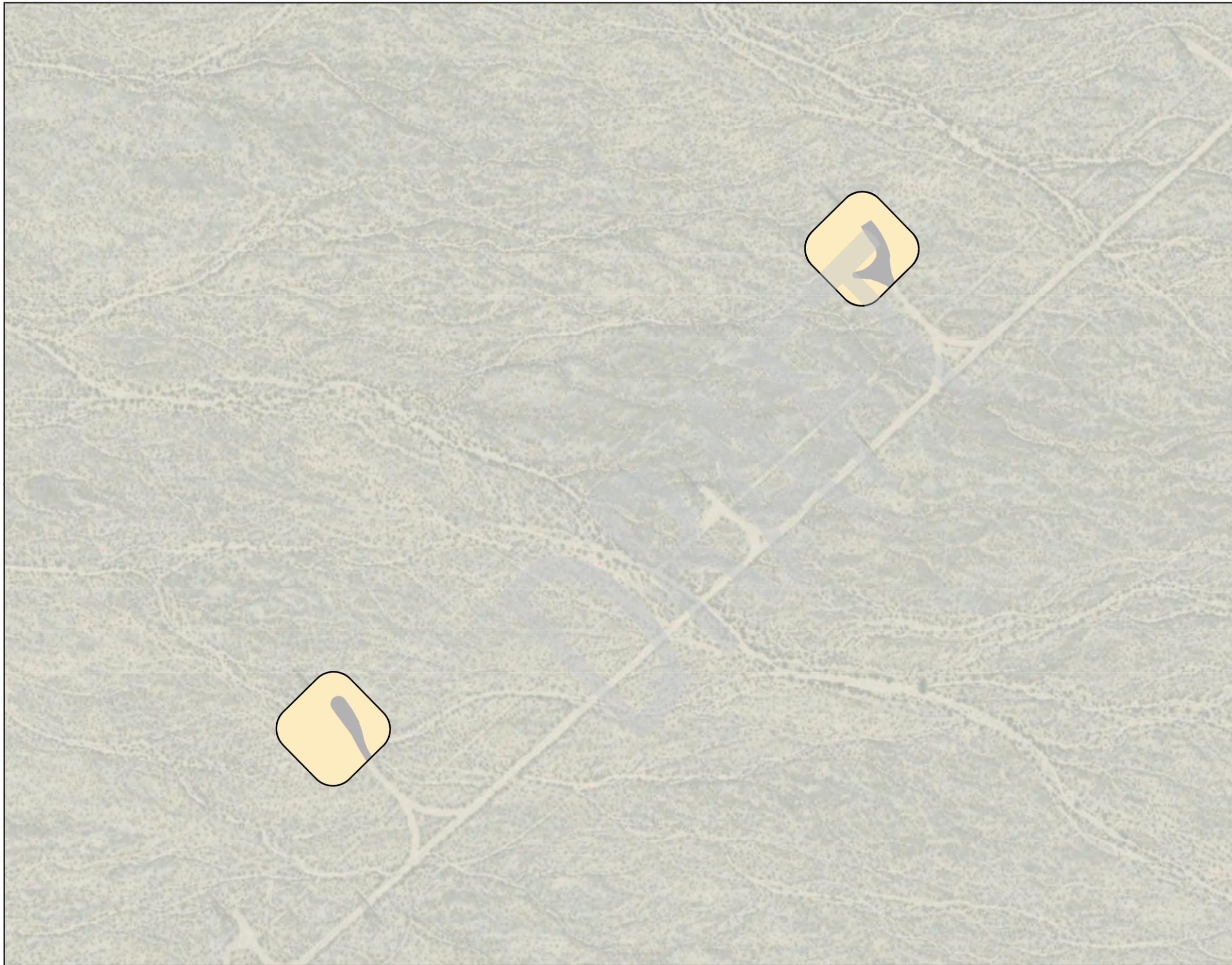


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**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata Shrubland

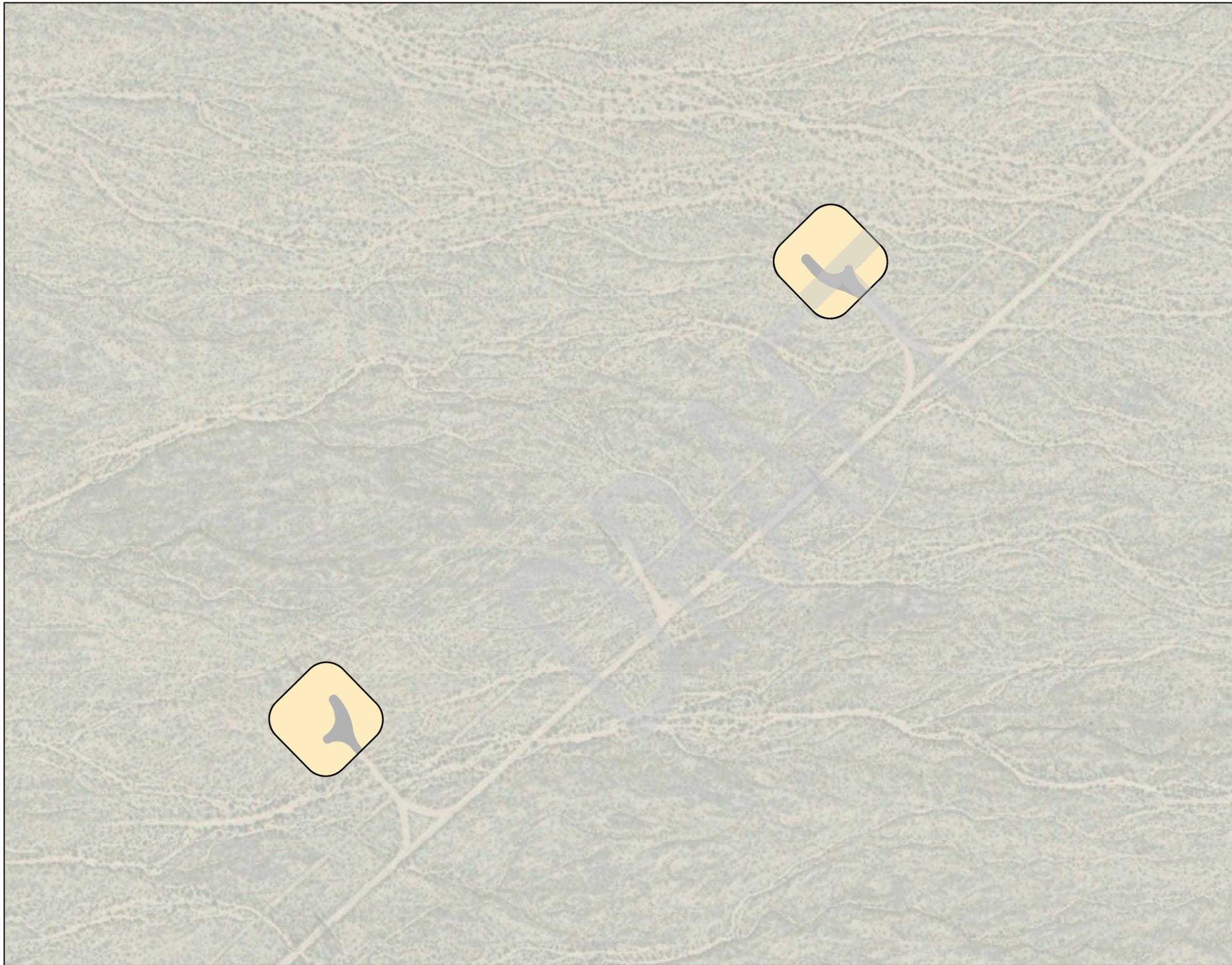


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### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata Shrubland



Figure 4, Page 179 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata Shrubland
- Yucca schidigera Shrubland



Figure 4, Page 180 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata - Ambrosia dumosa Shrubland
- Yucca schidigera Shrubland



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**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata - Ambrosia dumosa Shrubland
- Yucca schidigera Shrubland



Figure 4, Page 182 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata - Ambrosia dumosa Shrubland
- Yucca schidigera Shrubland

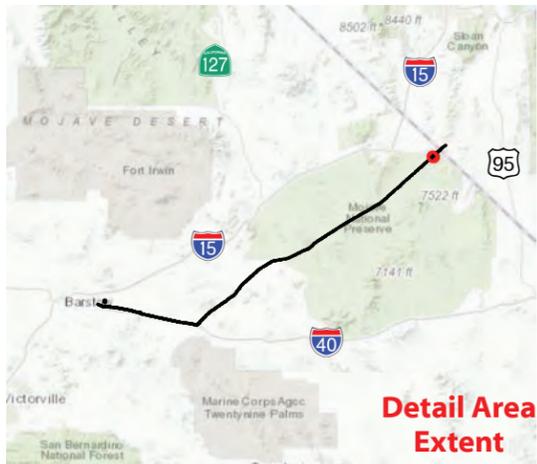
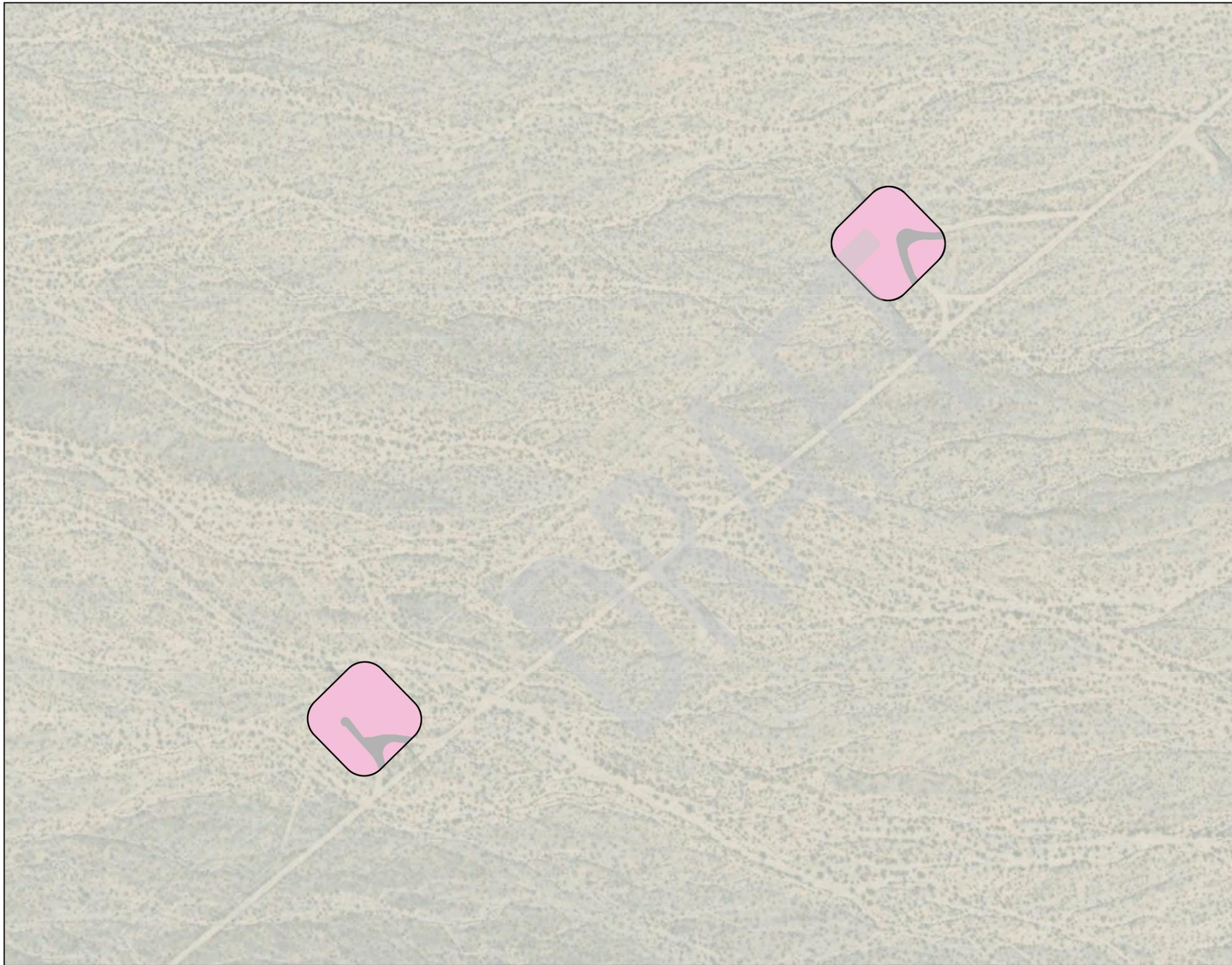


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**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata - Ambrosia dumosa Shrubland

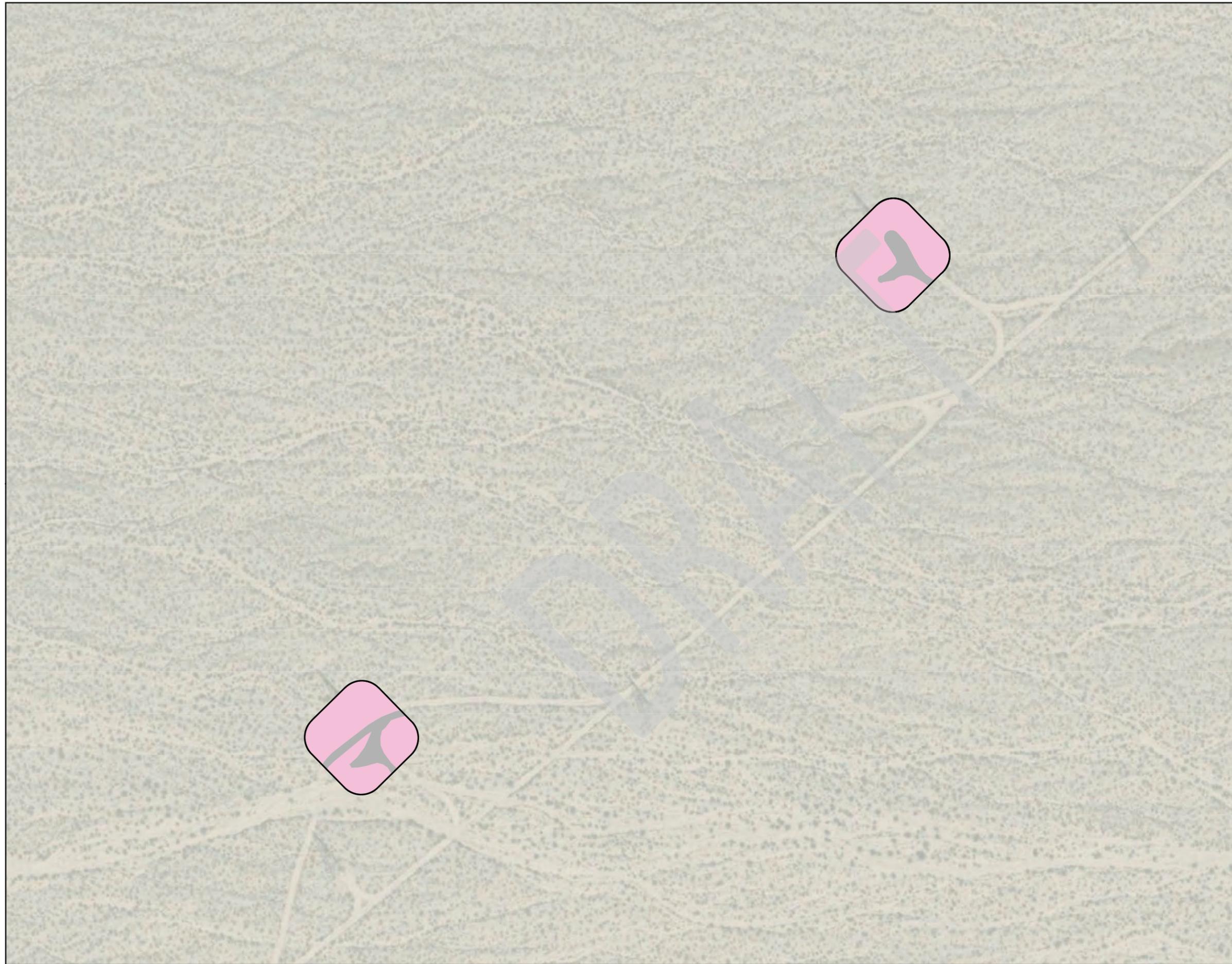


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**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata - Ambrosia dumosa Shrubland

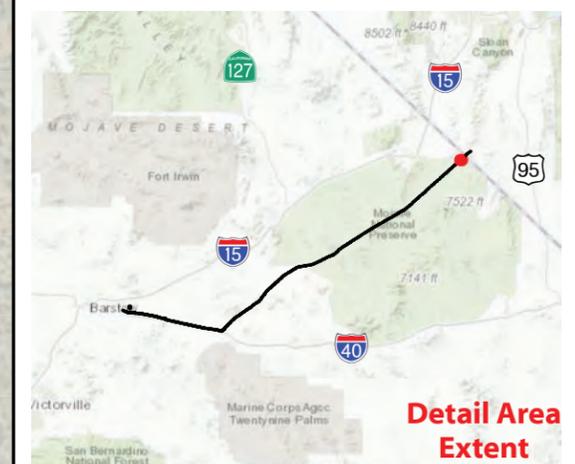
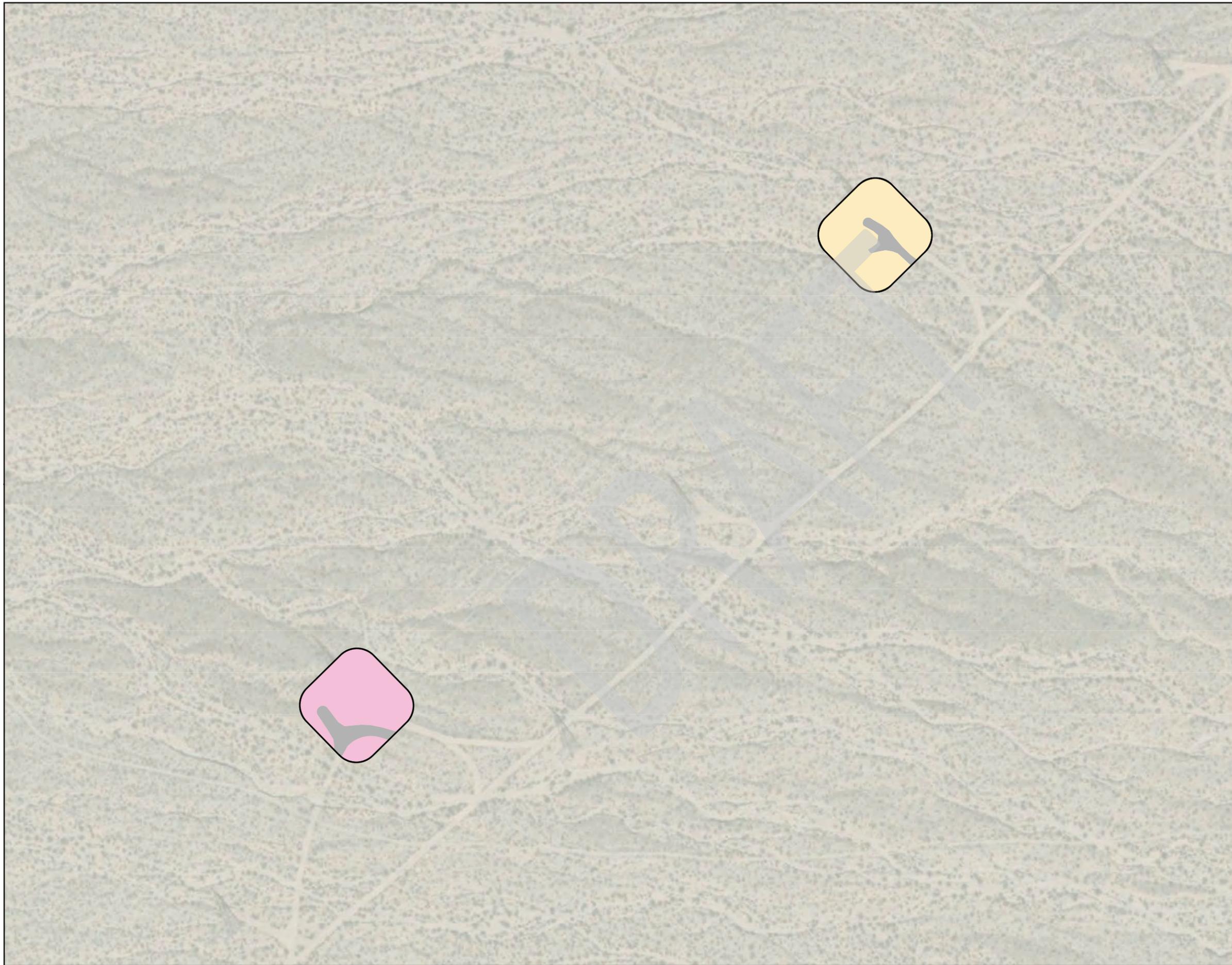


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### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata Shrubland
- Larrea tridentata - Ambrosia dumosa Shrubland



Figure 4, Page 186 of 192

### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata Shrubland

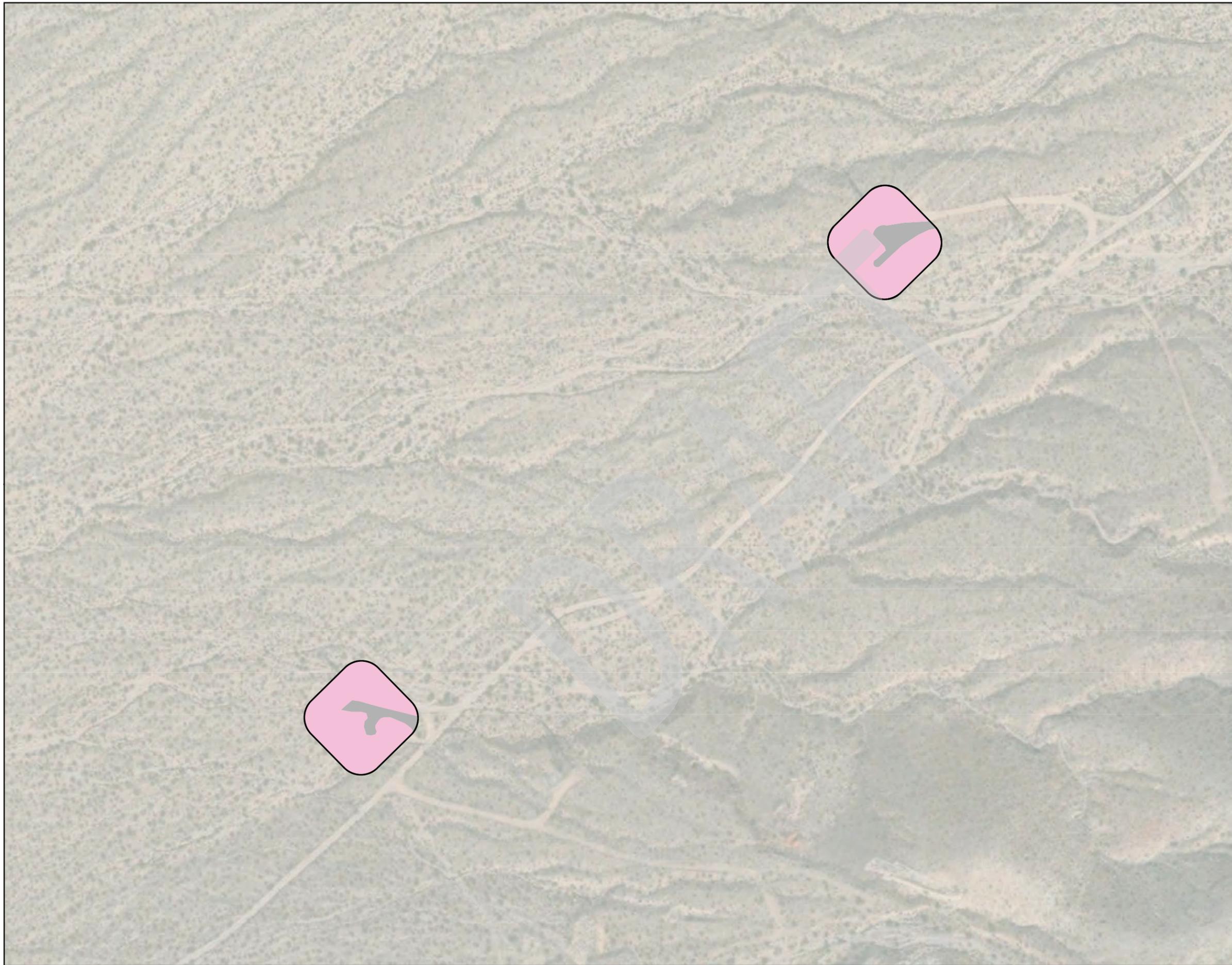


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**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata - Ambrosia dumosa Shrubland

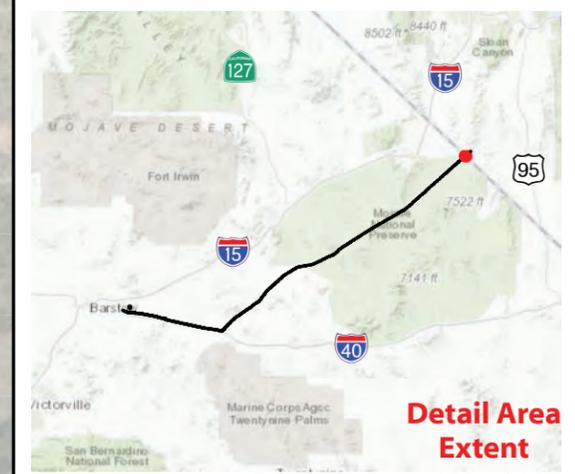
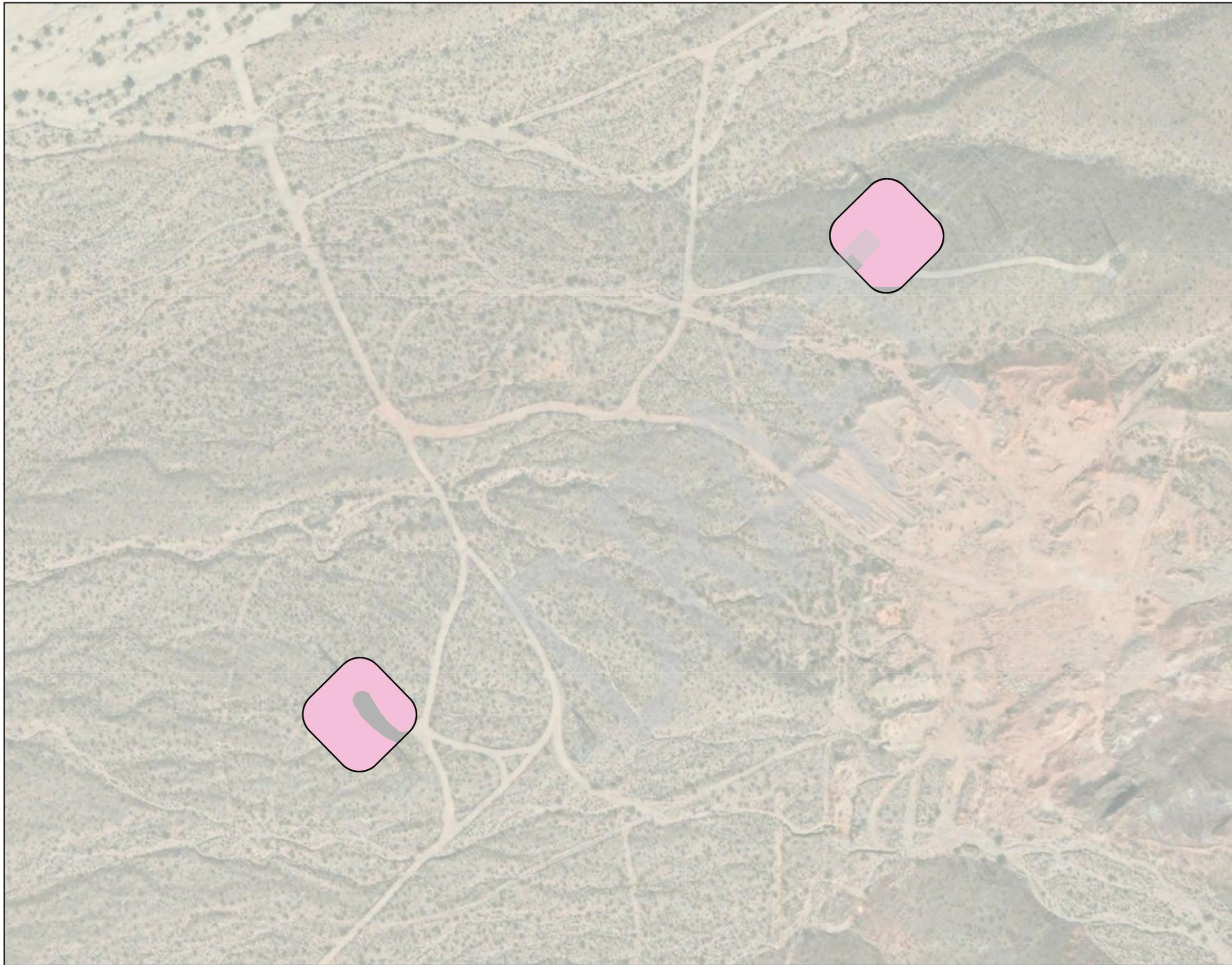


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### Vegetation Communities

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- Vegetation Communities**
-  Developed
-  Larrea tridentata - Ambrosia dumosa Shrubland

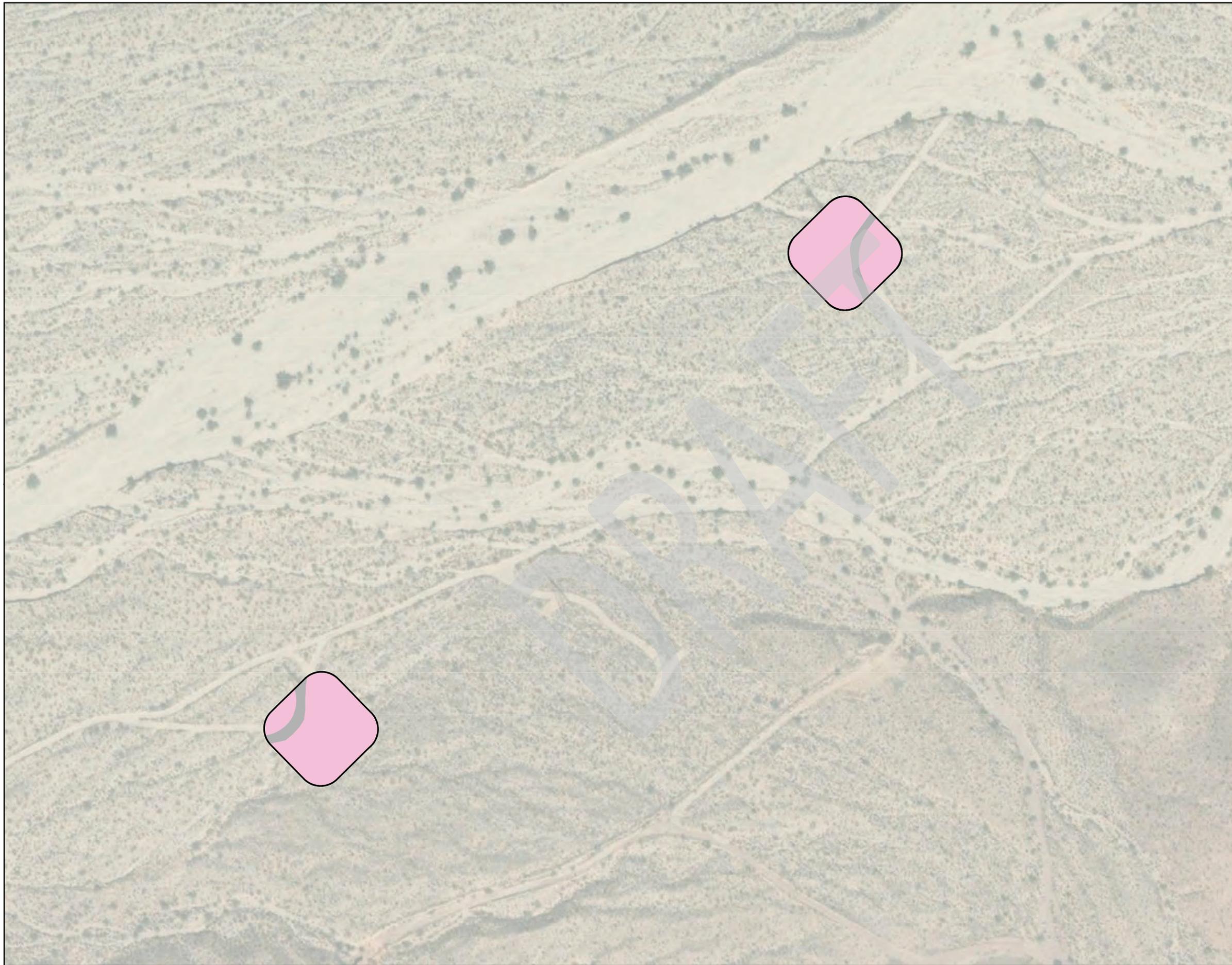


Figure 4, Page 189 of 192

**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata - Ambrosia dumosa Shrubland

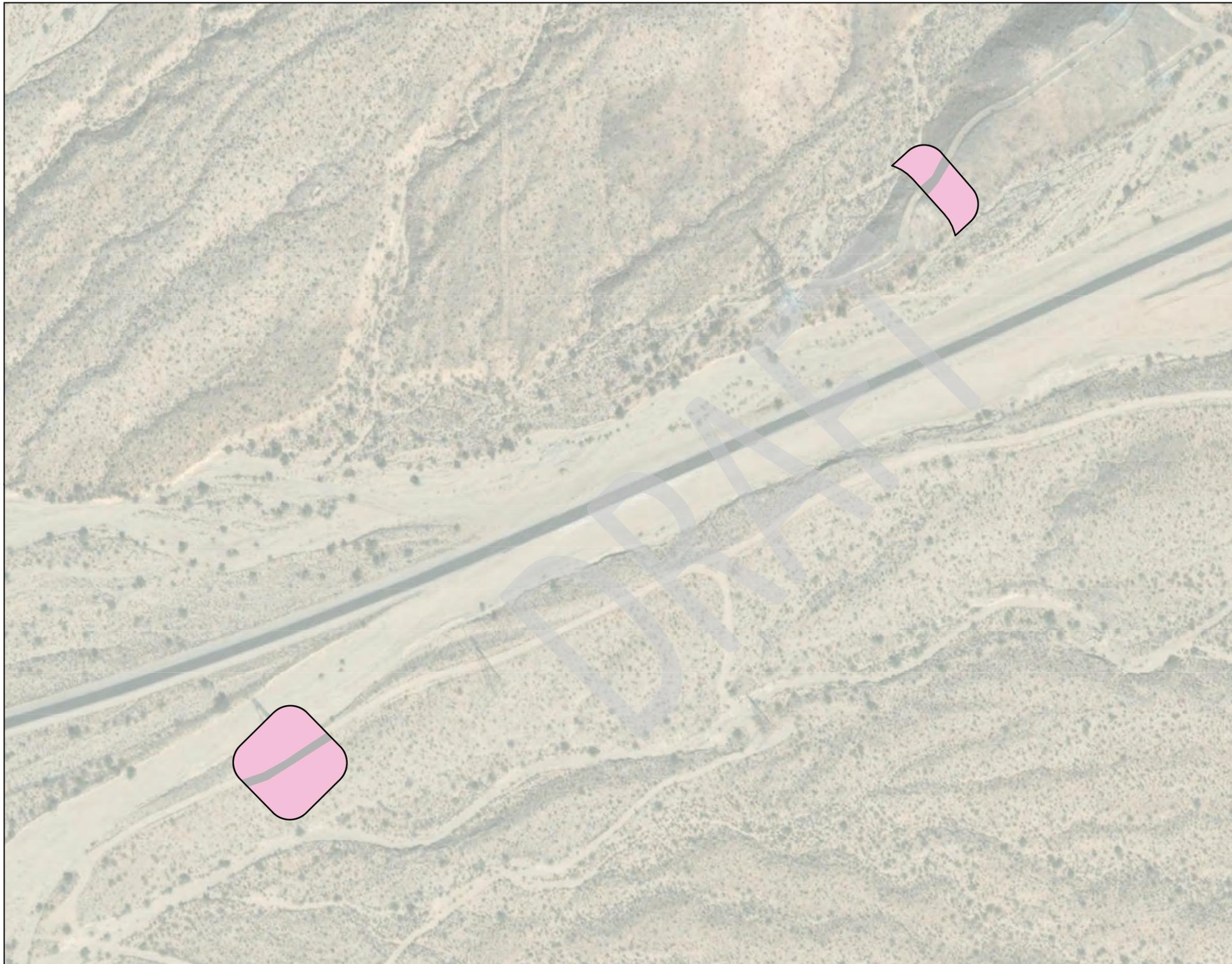


Figure 4, Page 190 of 192

**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata - Ambrosia dumosa Shrubland

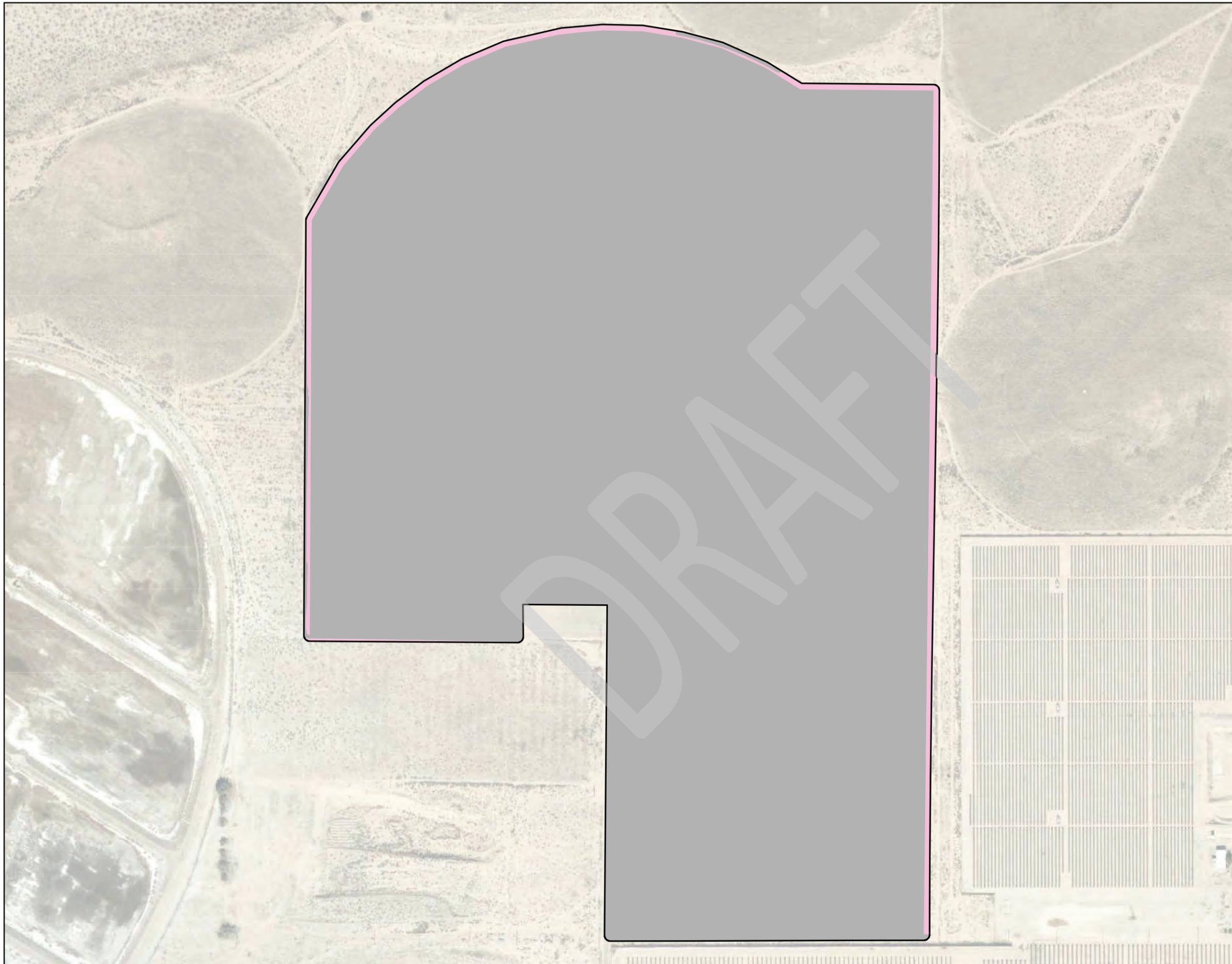


Figure 4, Page 191 of 192

**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Vegetation Communities**
- Developed
- Larrea tridentata - Ambrosia dumosa Shrubland

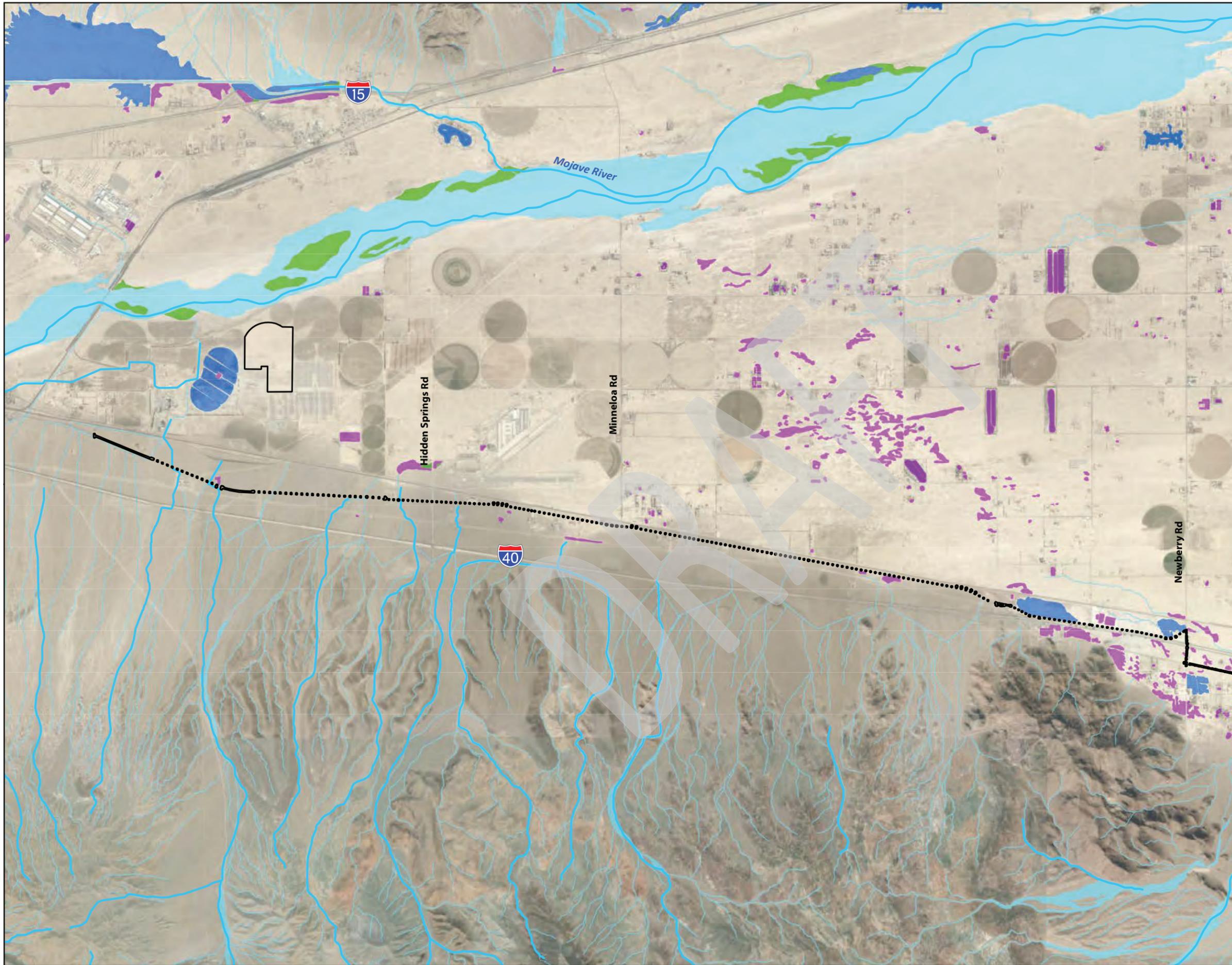


Figure 4, Page 192 of 192

**Vegetation Communities**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- National Wetland Inventory (NWI)**
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine



Figure 5, Page 1 of 8  
**National Wetland Inventory**

LUGO-VICTORVILLE 500-KV  
 TRANSMISSION LINE REMEDIAL  
 ACTION SCHEME PROJECT  
 AQUATIC RESOURCES DELINEATION

N  
 0 1 Mile

*Artemis Environmental  
 Services, Inc.*



- Survey Area
- National Wetland Inventory (NWI)**
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine

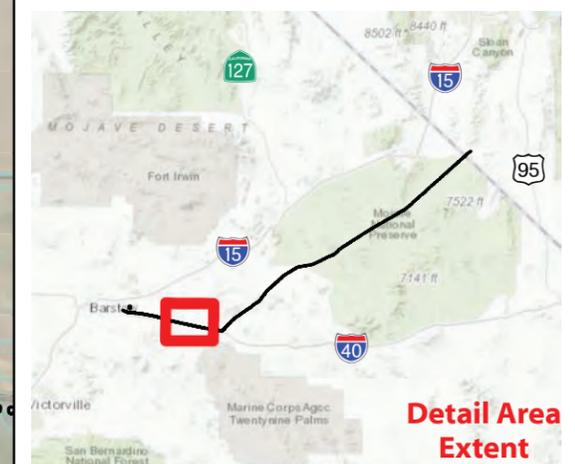


Figure 5, Page 2 of 8  
**National Wetland Inventory**

LUGO-VICTORVILLE 500-KV  
 TRANSMISSION LINE REMEDIAL  
 ACTION SCHEME PROJECT  
 AQUATIC RESOURCES DELINEATION

N  
 0 1 Mile

*Artemis Environmental Services, Inc.*



- Survey Area
- National Wetland Inventory (NWI)**
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Riverine



Figure 5, Page 3 of 8

### National Wetland Inventory

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- National Wetland Inventory (NWI)**
-  Freshwater Pond
-  Lake
-  Riverine



Figure 5, Page 4 of 8

### National Wetland Inventory

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- National Wetland Inventory (NWI)**
-  Freshwater Emergent Wetland
-  Freshwater Pond
-  Lake
-  Riverine

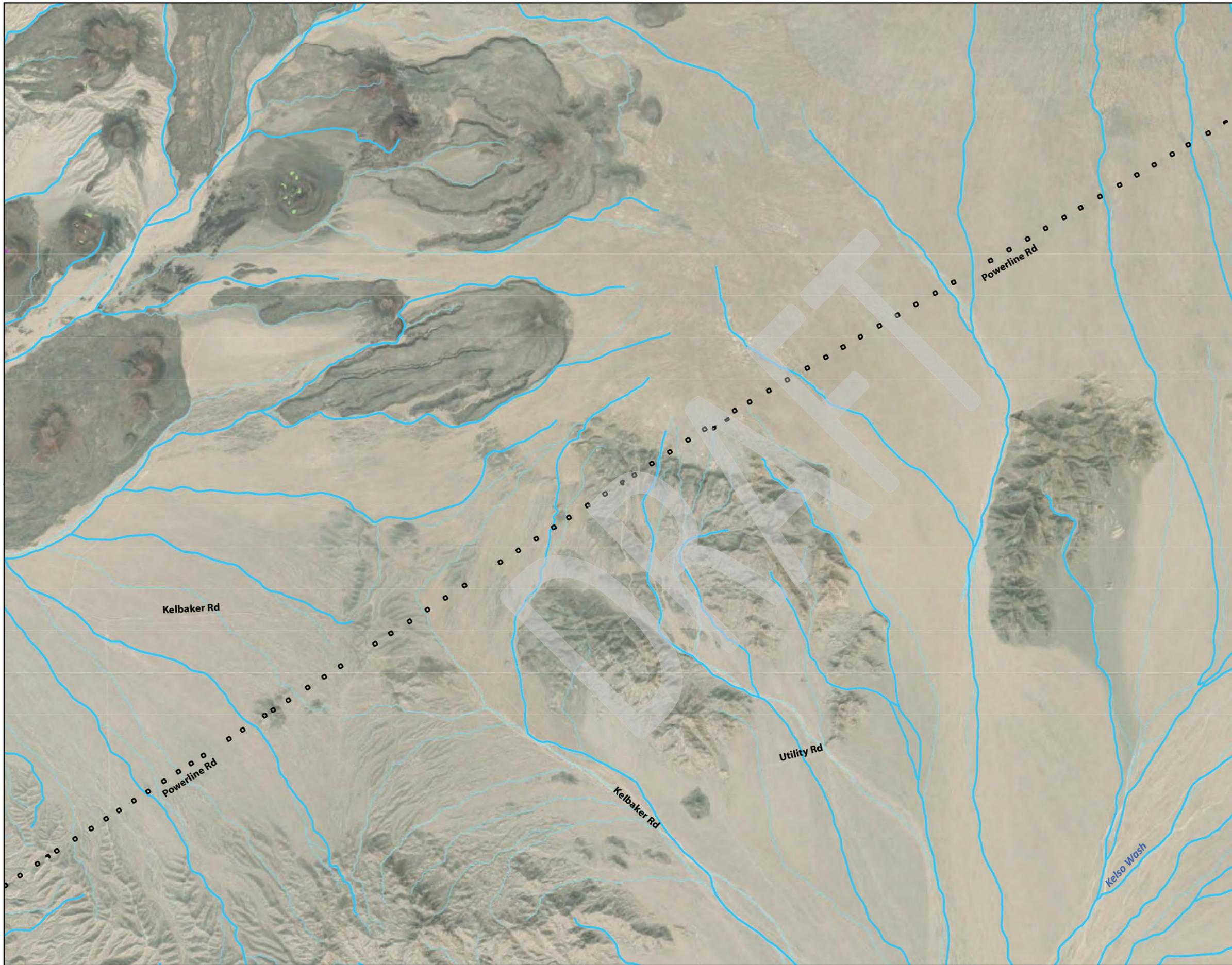


Figure 5, Page 5 of 8

**National Wetland Inventory**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- National Wetland Inventory (NWI)**
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Riverine

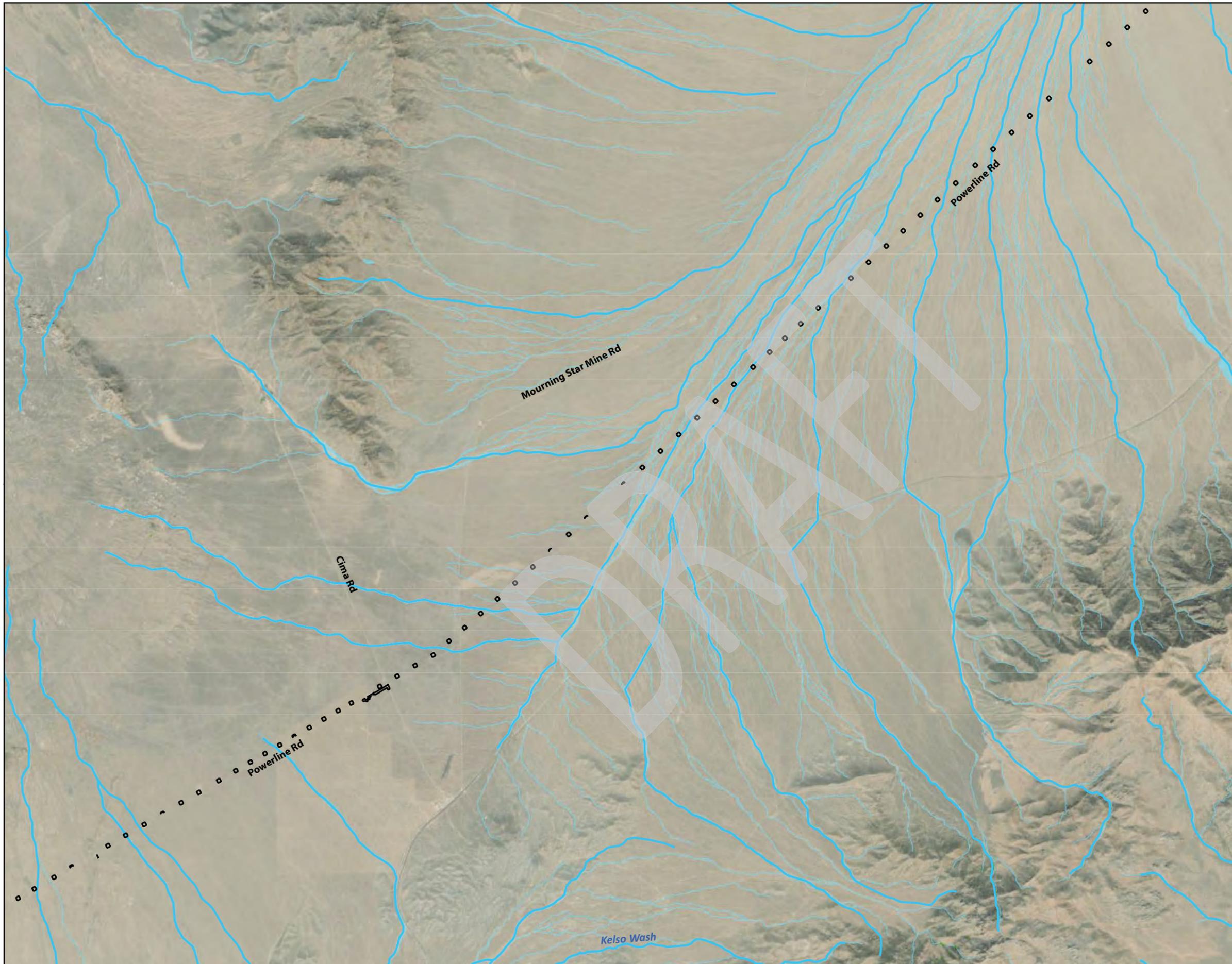


Figure 5, Page 6 of 8

**National Wetland Inventory**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- National Wetland Inventory (NWI)**
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Riverine

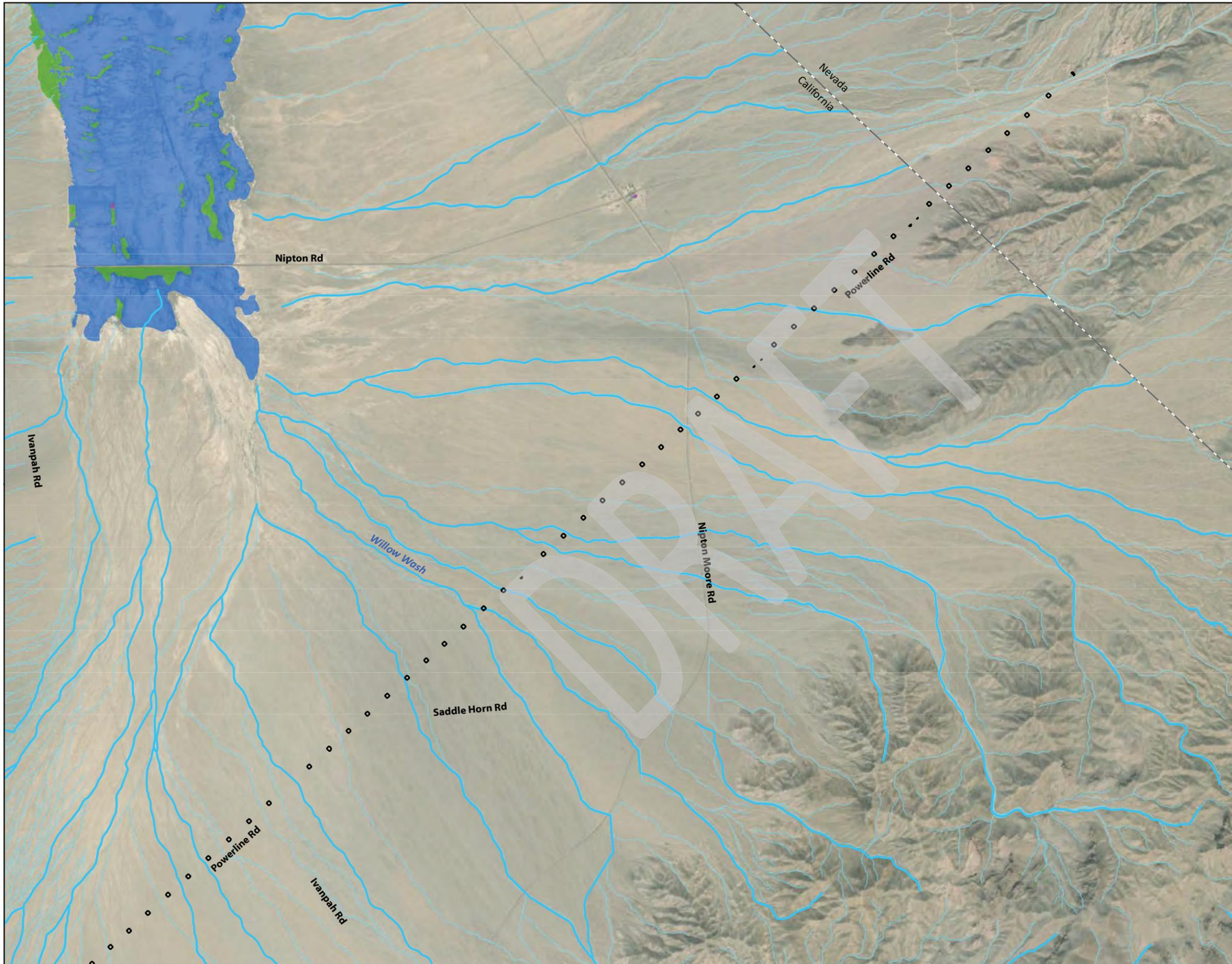


Figure 5, Page 7 of 8

### National Wetland Inventory

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- National Wetland Inventory (NWI)**
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine



Figure 5, Page 8 of 8

### National Wetland Inventory

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION



 Survey Area  
**National Hydrography Dataset (NHD)**  
 Watershed  
 WBD HU10

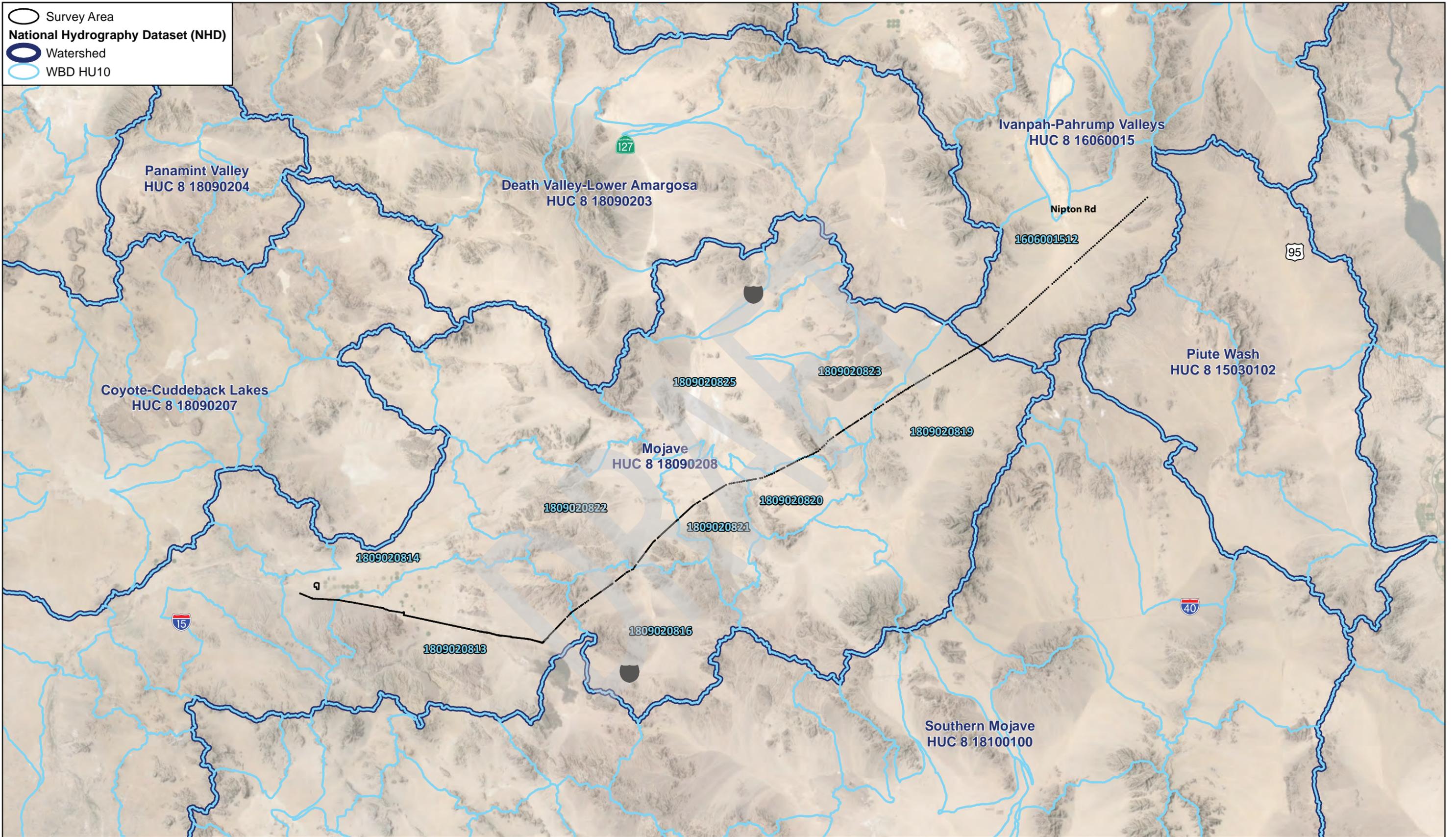
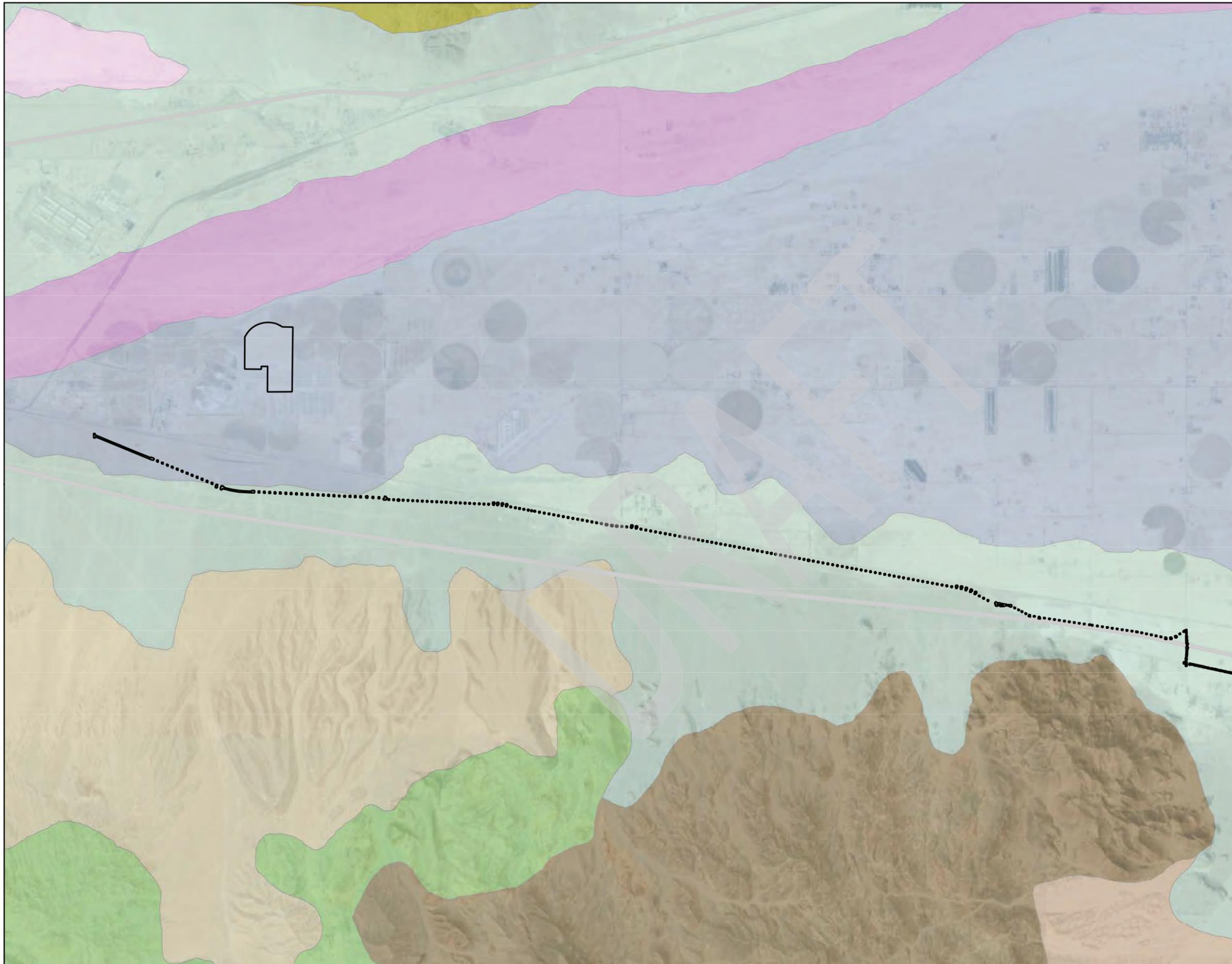


Figure 6

National Hydrography Dataset (NHD)





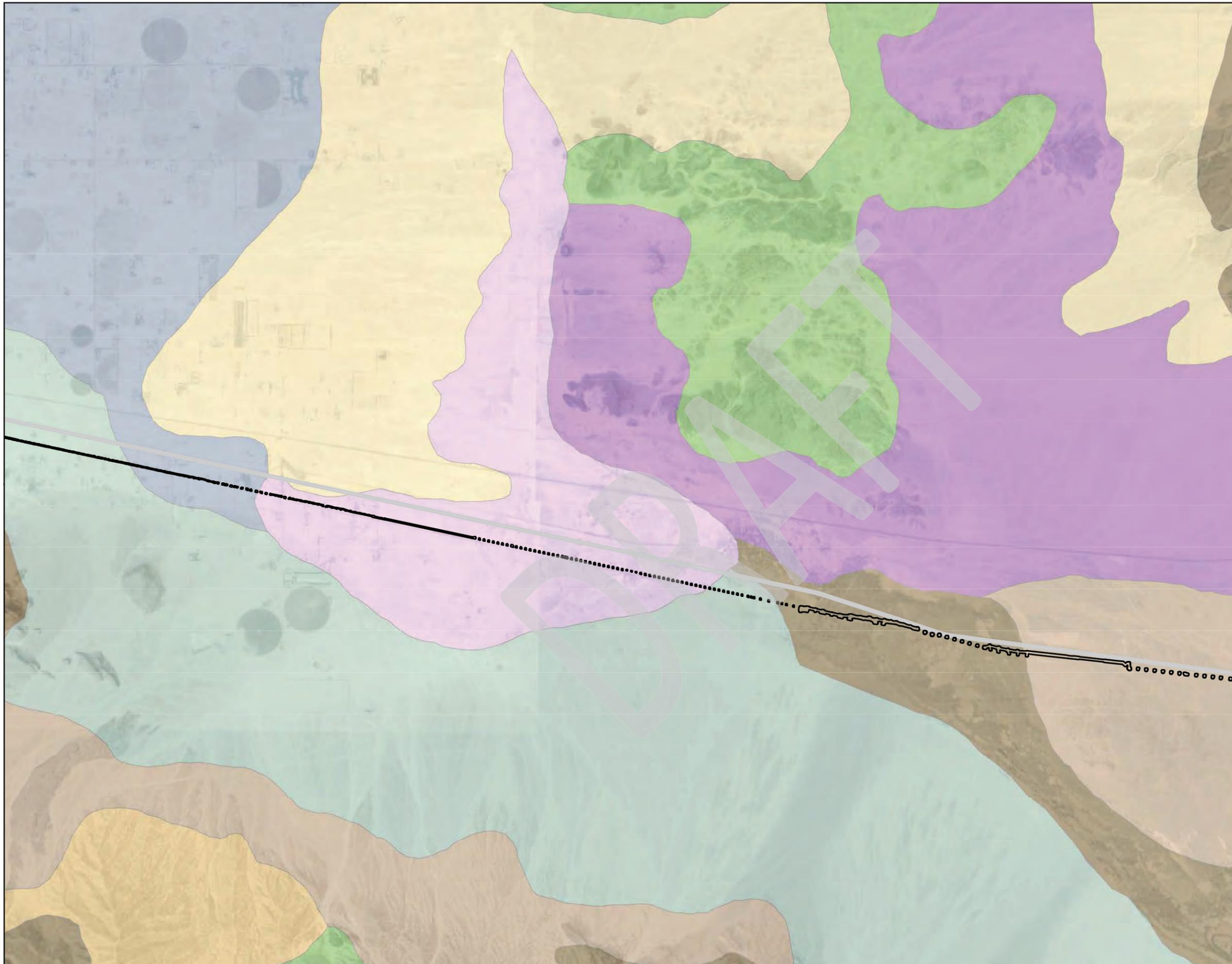
- Survey Area
- Soils**
- Nebona-Mirage-Joshua-Cajon (s1007)
- Nickel-Bitter-Arizo (s1142)
- Norob-Halloran-Cajon-Bryman (s1039)
- Playas (s1038)
- Tecopa-Rock outcrop-Lithic Torriorthents (s1126)
- Trigger-Rock outcrop-Calvista (s1134)
- Upspring-Sparkhule-Rock outcrop (s1127)
- Villa-Victorville-Riverwash-Cajon (s1008)
- Wasco-Rosamond-Cajon (s1024)



Figure 7, Page 1 of 8  
Soil Maps

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





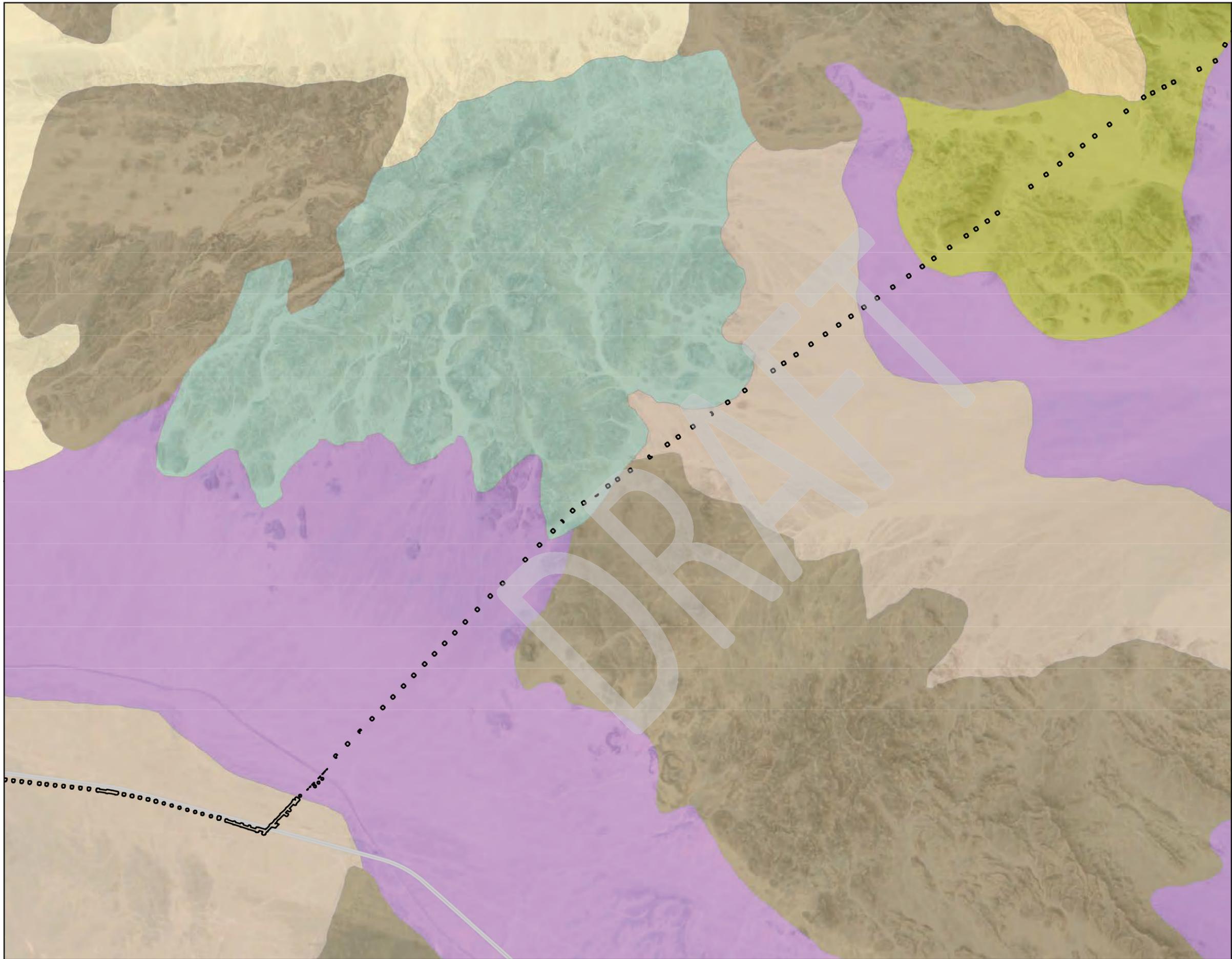
- Survey Area
- Soils**
- Cajon-Bitterwater-Bitter-Badland (s1128)
- Dune land-Cajon (s1135)
- Nickel-Bitter-Arizo (s1142)
- Norob-Halloran-Cajon-Bryman (s1039)
- Playas (s1038)
- Rositas-Carrizo (s1137)
- Trigger-Rock outcrop-Calvista (s1134)
- Upspring-Sparkhule-Rock outcrop (s1127)
- Wasco-Rosamond-Cajon (s1024)



Figure 7, Page 2 of 8  
Soil Maps

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Soils**
- Cajon-Bitterwater-Bitter-Badland
- Dune land-Cajon (s1135)
- Nickel-Bitter-Arizo (s1142)
- Rock outcrop-Lithic Torriorthents
- Rositas-Carrizo (s1137)
- Tecopa-Rock outcrop-Lithic Torriorthents (s1126)
- Upspring-Sparkhule-Rock outcrop (s1127)

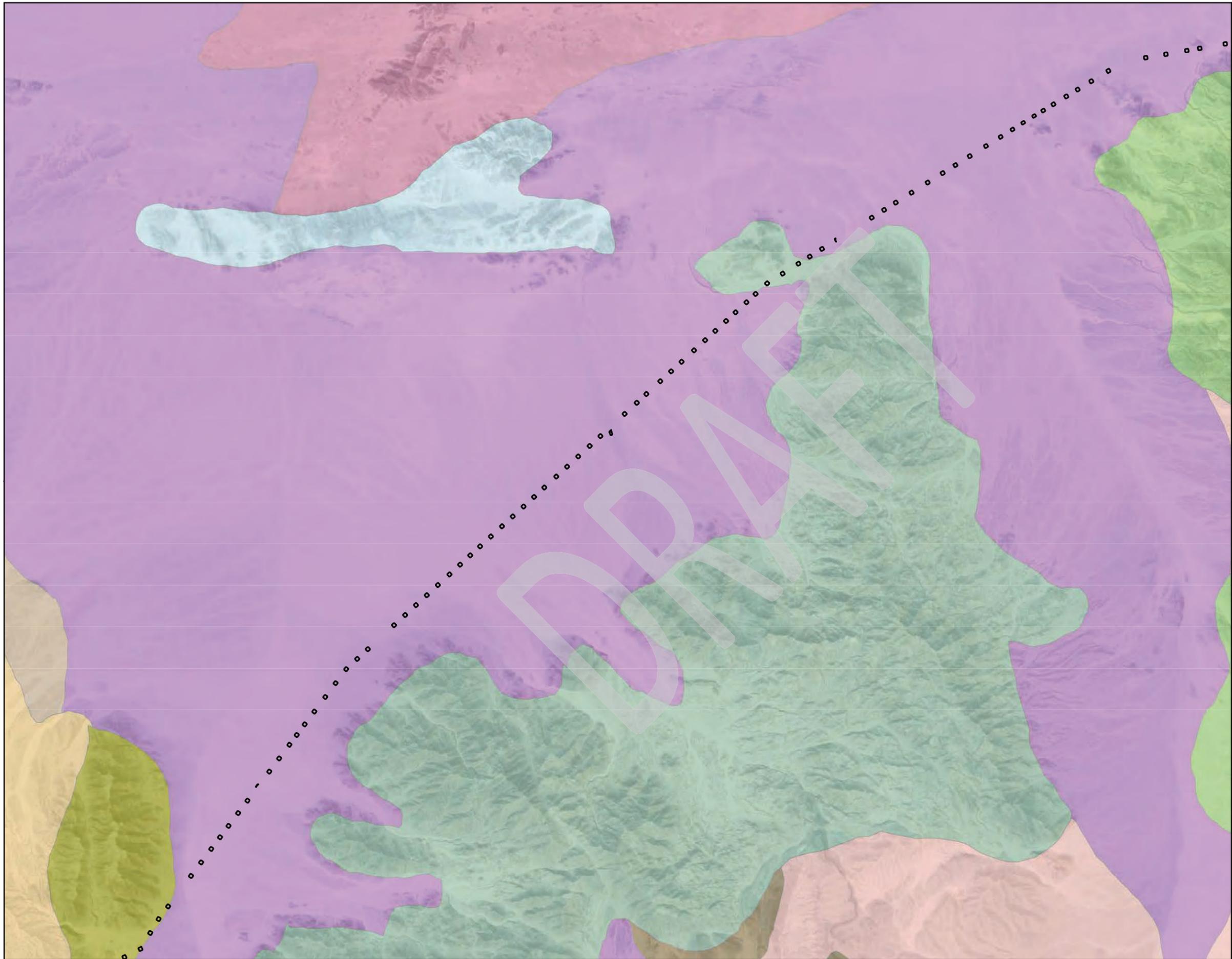


Figure 7, Page 3 of 8

**Soil Maps**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





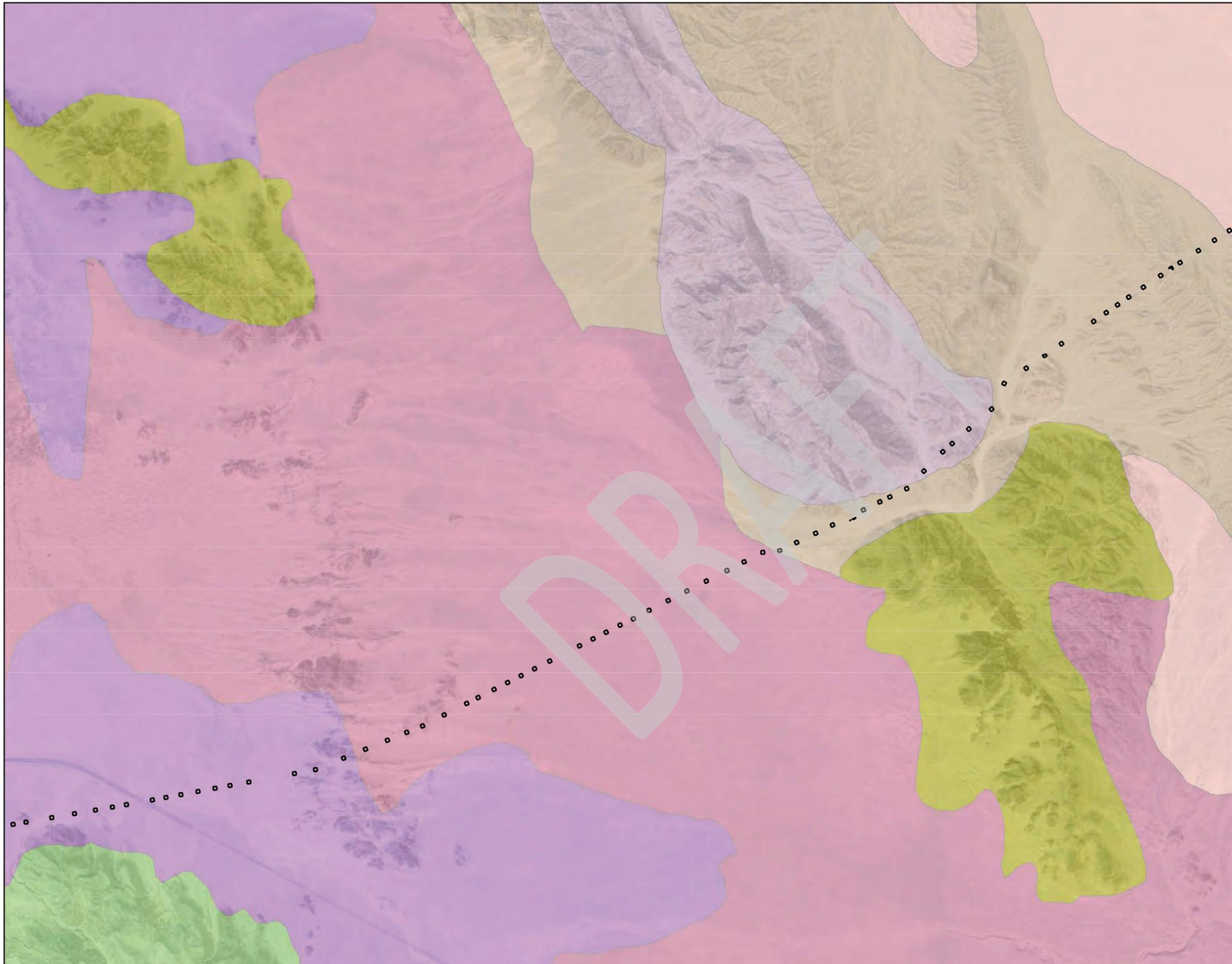
- Survey Area
- Soils**
- Cajon-Arizo (s1143)
- Cajon-Bitterwater-Bitter-Badland
- Nickel-Bitter-Arizo (s1142)
- Rock outcrop-Lithic Torriorthents
- Rositas-Carrizo (s1137)
- Rositas-Dune land-Carsitas (s1136)
- Tecopa-Rock outcrop-Lithic Torriorthents (s1126)
- Trigger-Rock outcrop-Calvista
- Upspring-Sparkhule-Rock outcrop (s1127)
- Vaiva-Rock outcrop-Quilotosa-Laposa (s1133)



Figure 7, Page 4 of 8  
Soil Maps

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





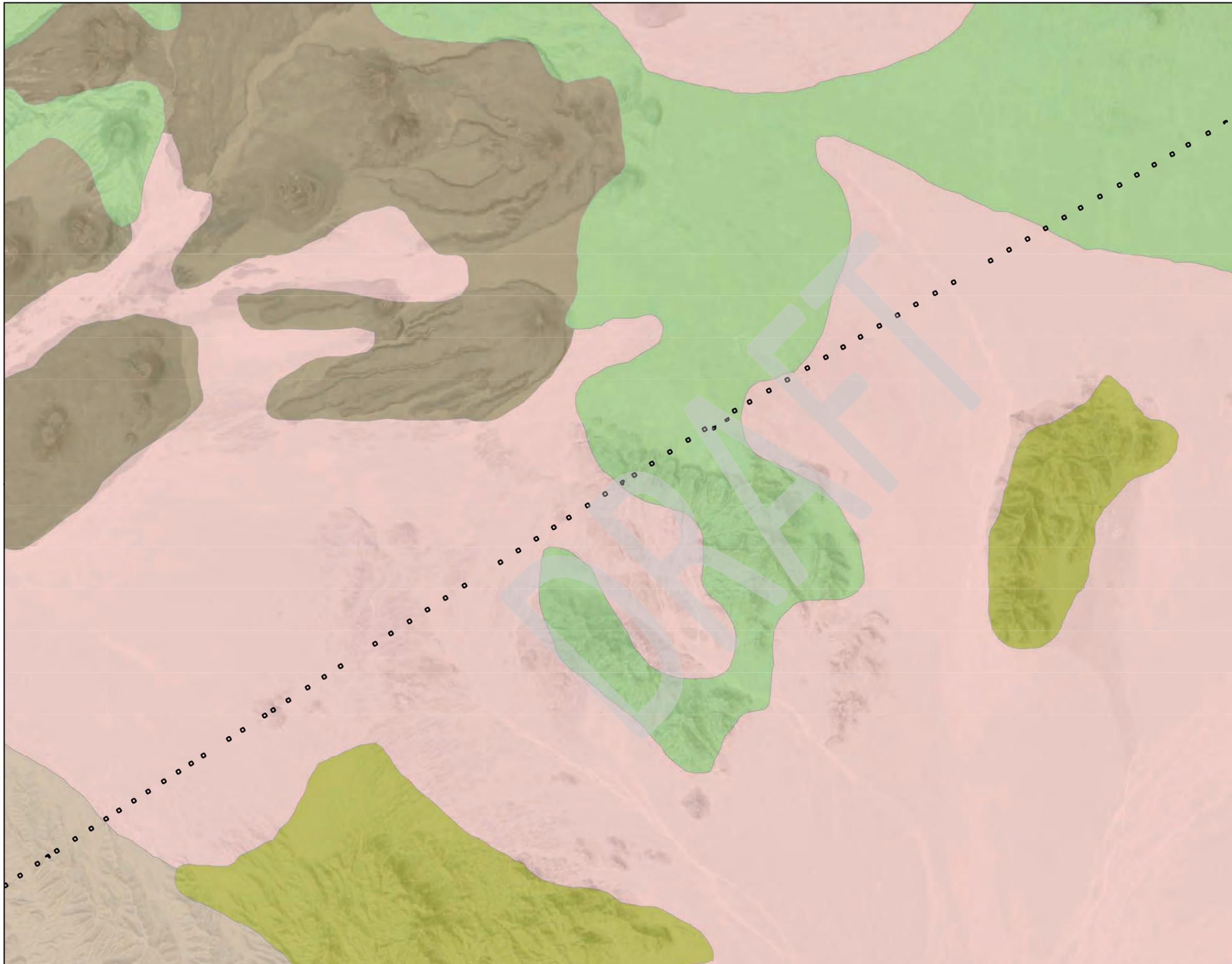
- Survey Area
- Soils**
- Cajon-Arizo (s1143)
- Nickel-Bitter-Arizo (s1142)
- Rositas-Carrizo (s1137)
- Rositas-Dune land-Carsitas (s1136)
- St. Thomas-Rock outcrop (s1125)
- Tecopa-Rock outcrop-Lithic Torriorthents (s1126)
- Trigger-Rock outcrop-Calvista (s1134)



Figure 7, Page 5 of 8  
Soil Maps

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Soils**
- Cajon-Arizo (s1143)
- Nickel-Bitter-Arizo (s1142)
- Rock outcrop-Petspring-Lomoiné-Armoine (s1139)
- Tecopa-Rock outcrop-Lithic Torriorthents (s1126)
- Trigger-Rock outcrop-Calvista (s1134)
- Upspring-Sparkhule-Rock outcrop (s1127)

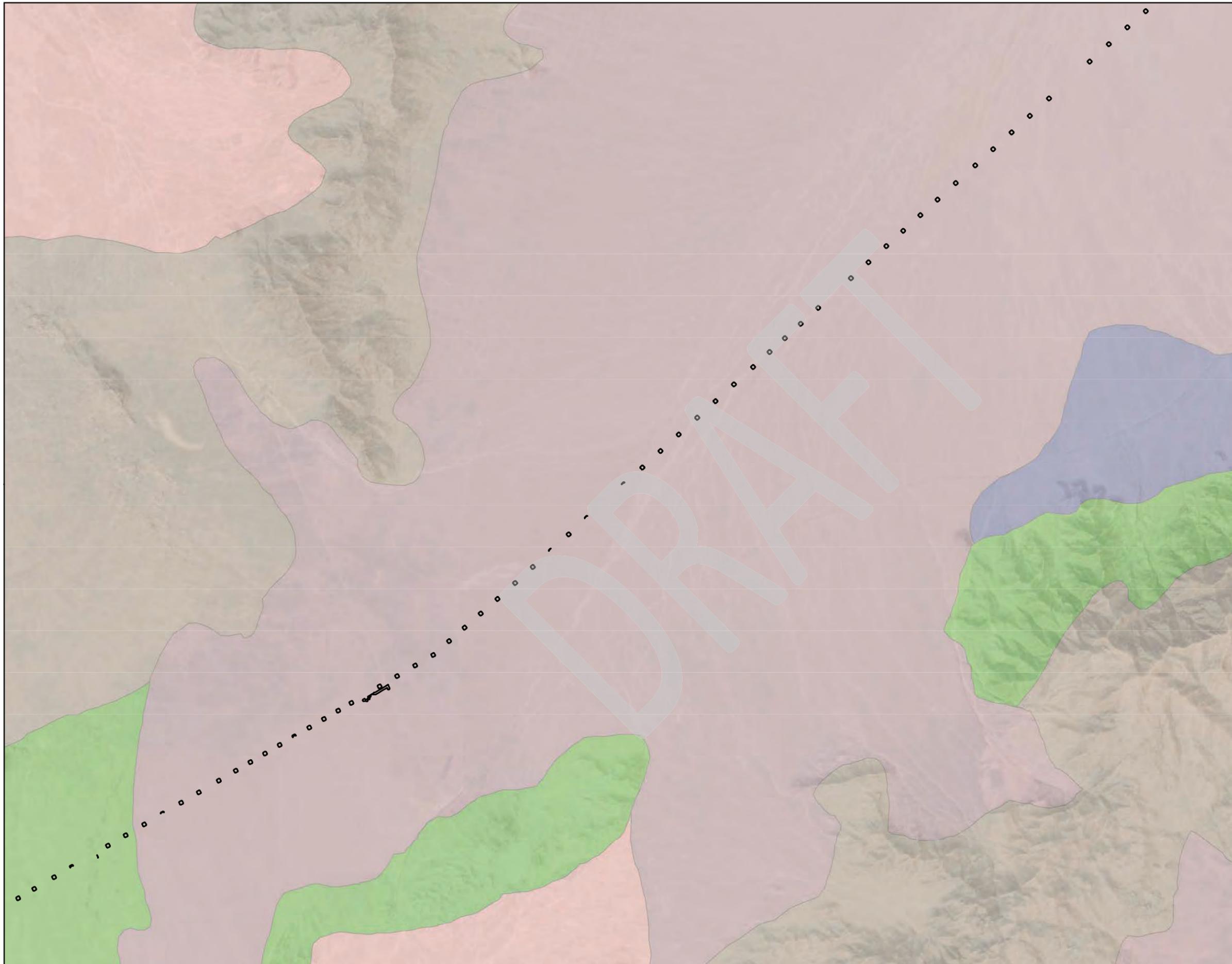


Figure 7, Page 6 of 8

**Soil Maps**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Soils**
- Cajon-Arizo (s1143)
- Dedas-Cave-Canutio-Armpup-Arizo (s5595)
- Rock outcrop-Petspring-Lomoin-Armoine (s1139)
- Skyhaven-Rillito-Mead-McCullough-Ir... (s1144)
- Trigger-Rock outcrop-Calvista (s1134)

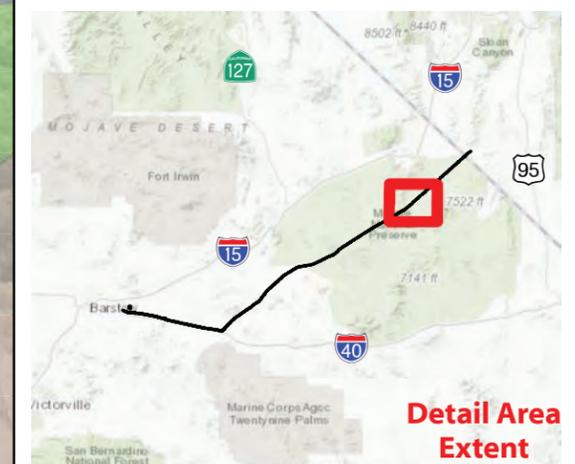
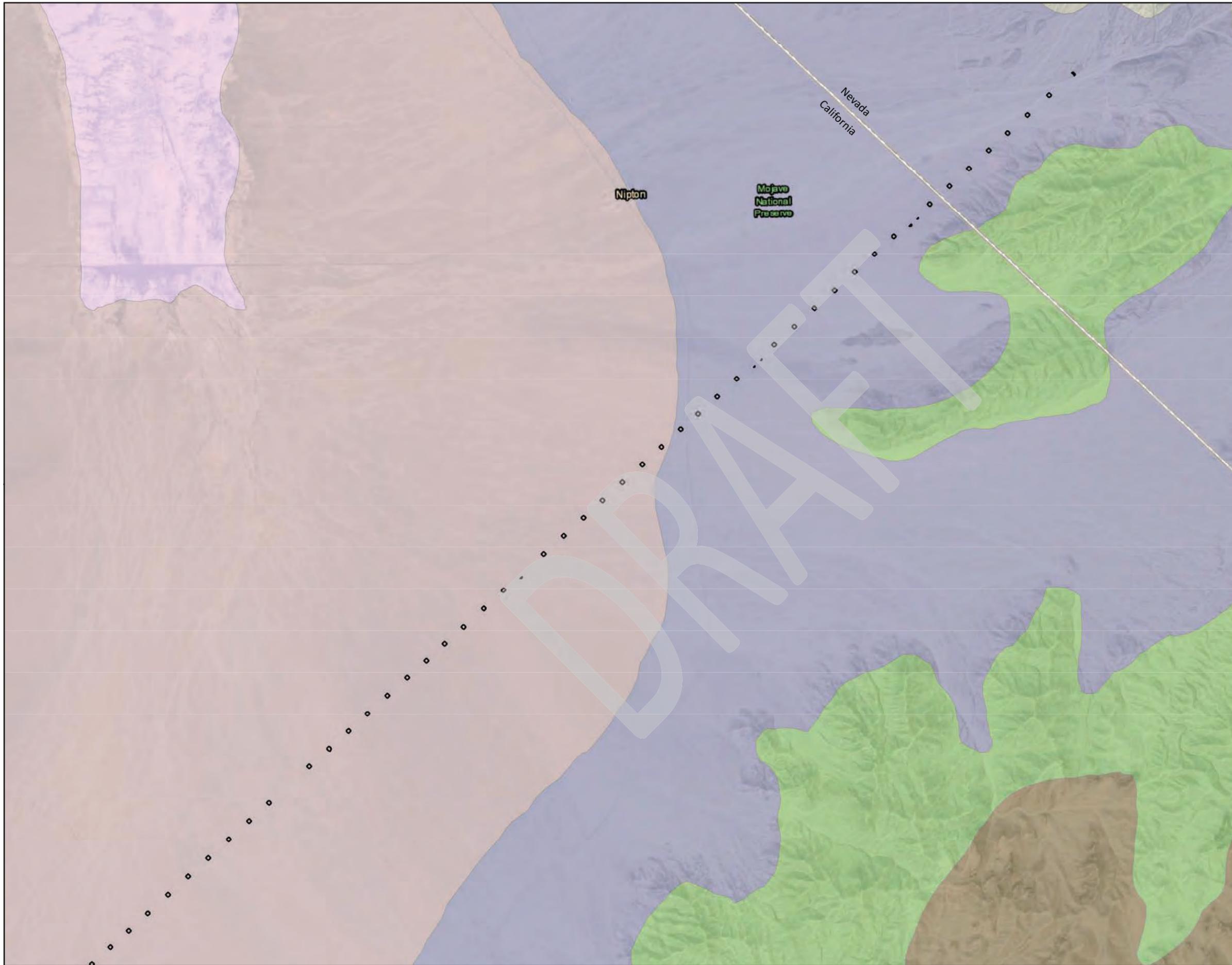


Figure 7, Page 7 of 8  
Soil Maps

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Soils**
- Dedas-Cave-Canutio  
-Armpup-Arizo (s5595)
- Playas (s1038)
- Skyhaven-Rillito-Mead-McCullough  
-Ireteba-Bluepoint (s1144)
- Trigger-Rock outcrop-Calvista (s1134)
- Upspring-Sparkhule  
-Rock outcrop (s1127)

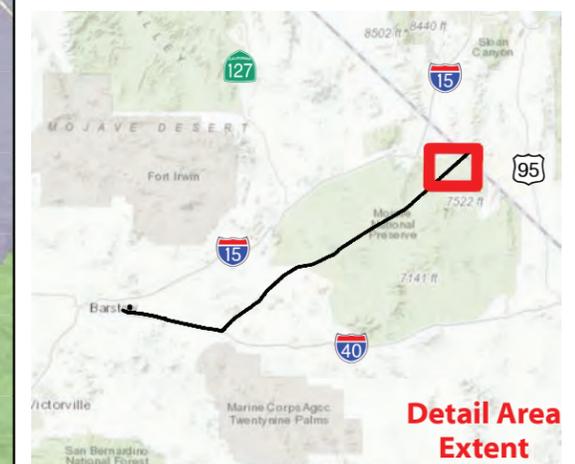


Figure 7, Page 8 of 8  
Soil Maps

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





 Survey Area



Figure 8, Page 1 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- RWQCB Aquatic Resources**
-  Ditch/Canal
-  Roadside Ditch
- Non-Jurisdictional Lines**
-  Erosional

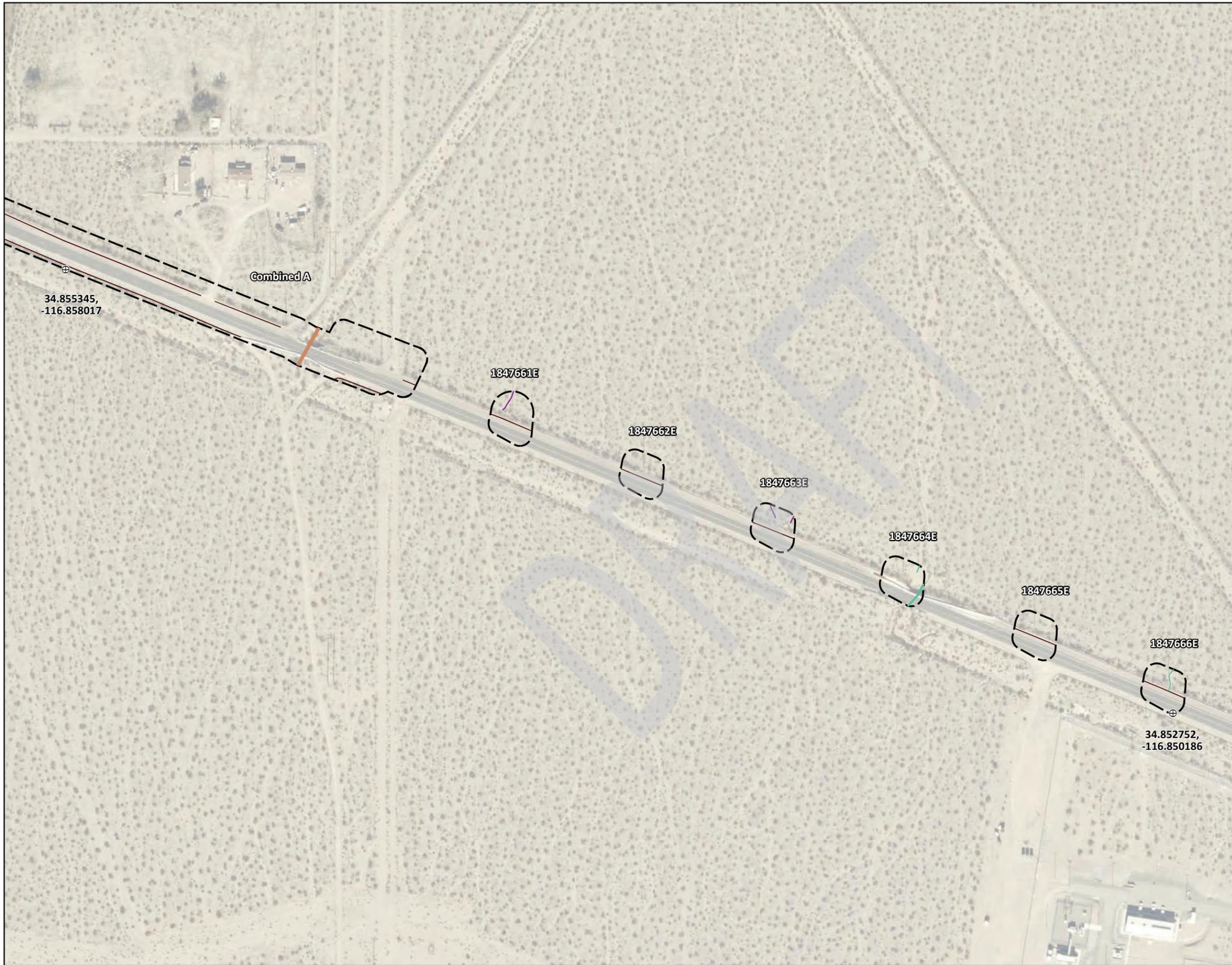


Figure 8, Page 2 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- USACE and RWQCB Aquatic Resources**
-  Streambed Unvegetated
- RWQCB Aquatic Resources**
-  Ditch/Canal
-  Roadside Ditch
- Non-Jurisdictional Lines**
-  Paleo Channel



Figure 8, Page 3 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- USACE and RWQCB Aquatic Resources**
- Streambed Unvegetated
- Streambed Vegetated
- RWQCB Aquatic Resources**
- Ditch/Canal
- Roadside Ditch
- Non-Jurisdictional Lines**
- Paleo Channel



Figure 8, Page 4 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- USACE and RWQCB Aquatic Resources**
-  Streambed Unvegetated
- RWQCB Aquatic Resources**
-  Excavated Diversion Ditch
-  Roadside Ditch
- Non-Jurisdictional Lines**
-  Paleo Channel

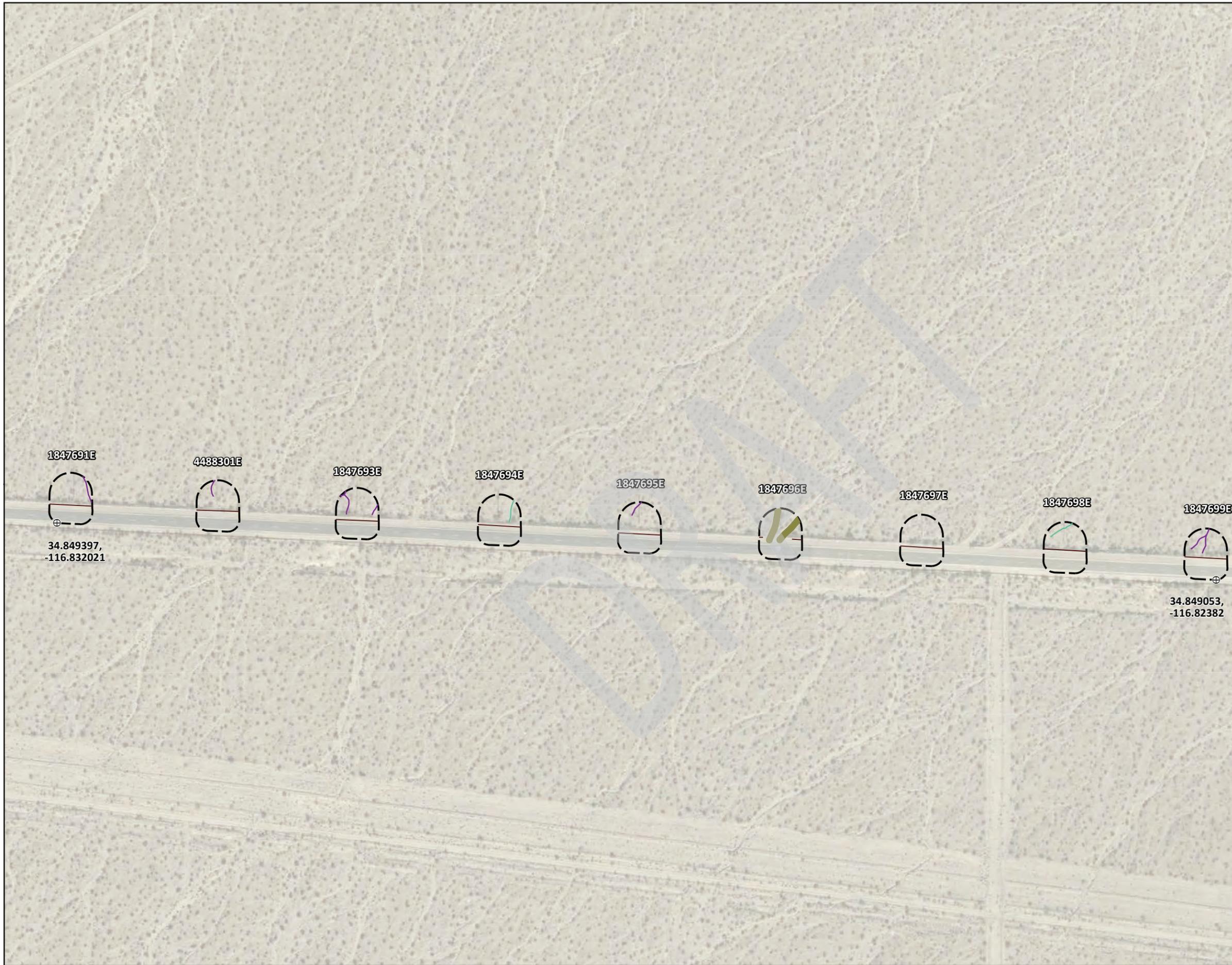


Figure 8, Page 5 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





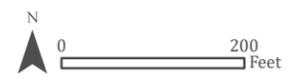
-  Survey Area
- USACE and RWQCB Aquatic Resources**
-  Streambed Unvegetated
- RWQCB Aquatic Resources**
-  Excavated Diversion Ditch
-  Roadside Ditch
- Non-Jurisdictional Lines**
-  Paleo Channel

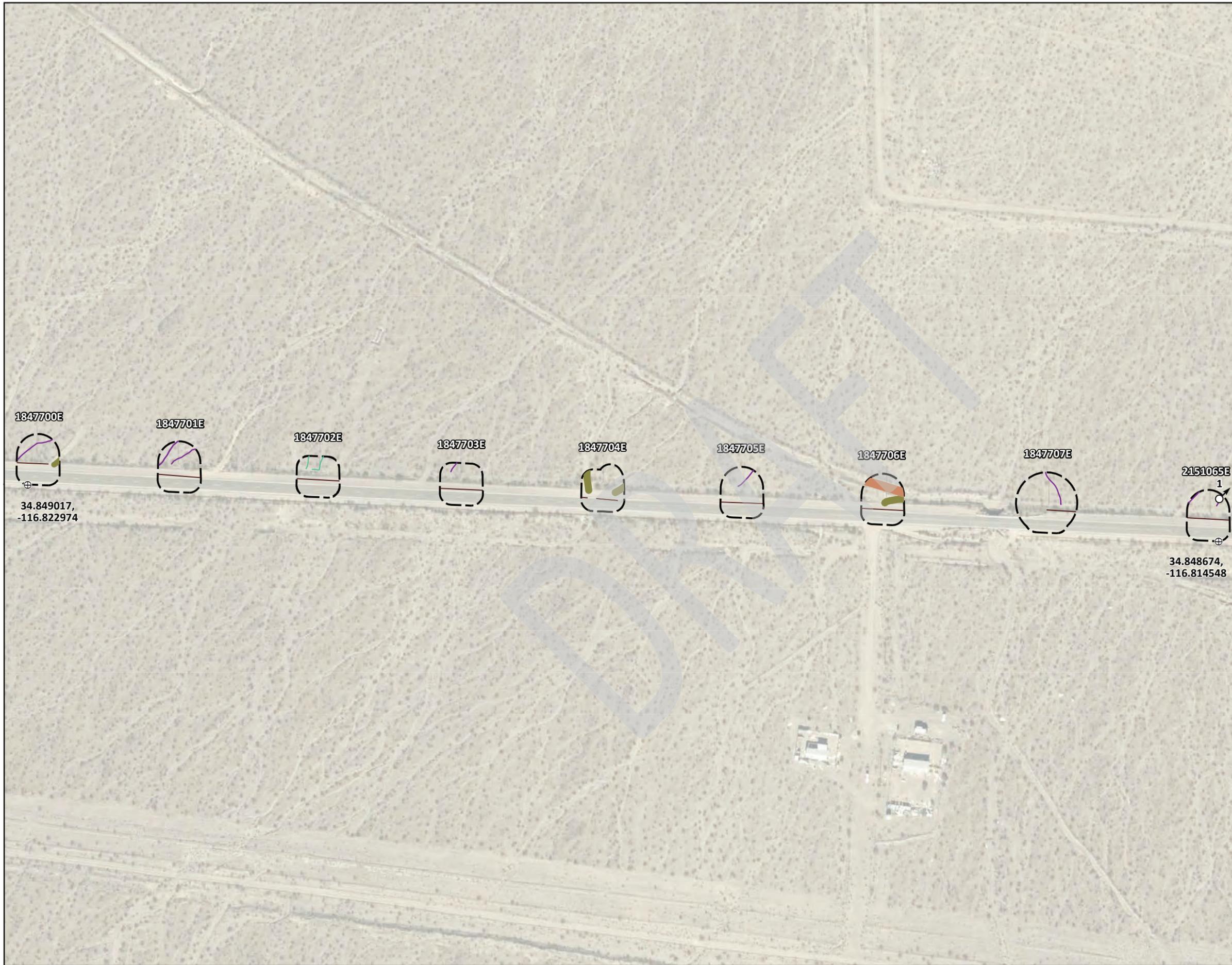


Figure 8, Page 6 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Photo Location
- USACE and RWQCB Aquatic Resources**
- Streambed Unvegetated
- RWQCB Aquatic Resources**
- Ditch/Canal
- Excavated Diversion Ditch
- Roadside Ditch
- Non-Jurisdictional Lines**
- Paleo Channel

1347700E

1347701E

1347702E

1347703E

1347704E

1347705E

1347706E

1347707E

2151065E

34.849017,  
-116.822974

34.848674,  
-116.814548



Figure 8, Page 7 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- USACE and RWQCB Aquatic Resources**
-  Streambed Unwegetated
-  Streambed Wegetated
- RWQCB Aquatic Resources**
-  Ditch/Canal
-  Roadside Ditch
- Non-Jurisdictional Lines**
-  Paleo Channel

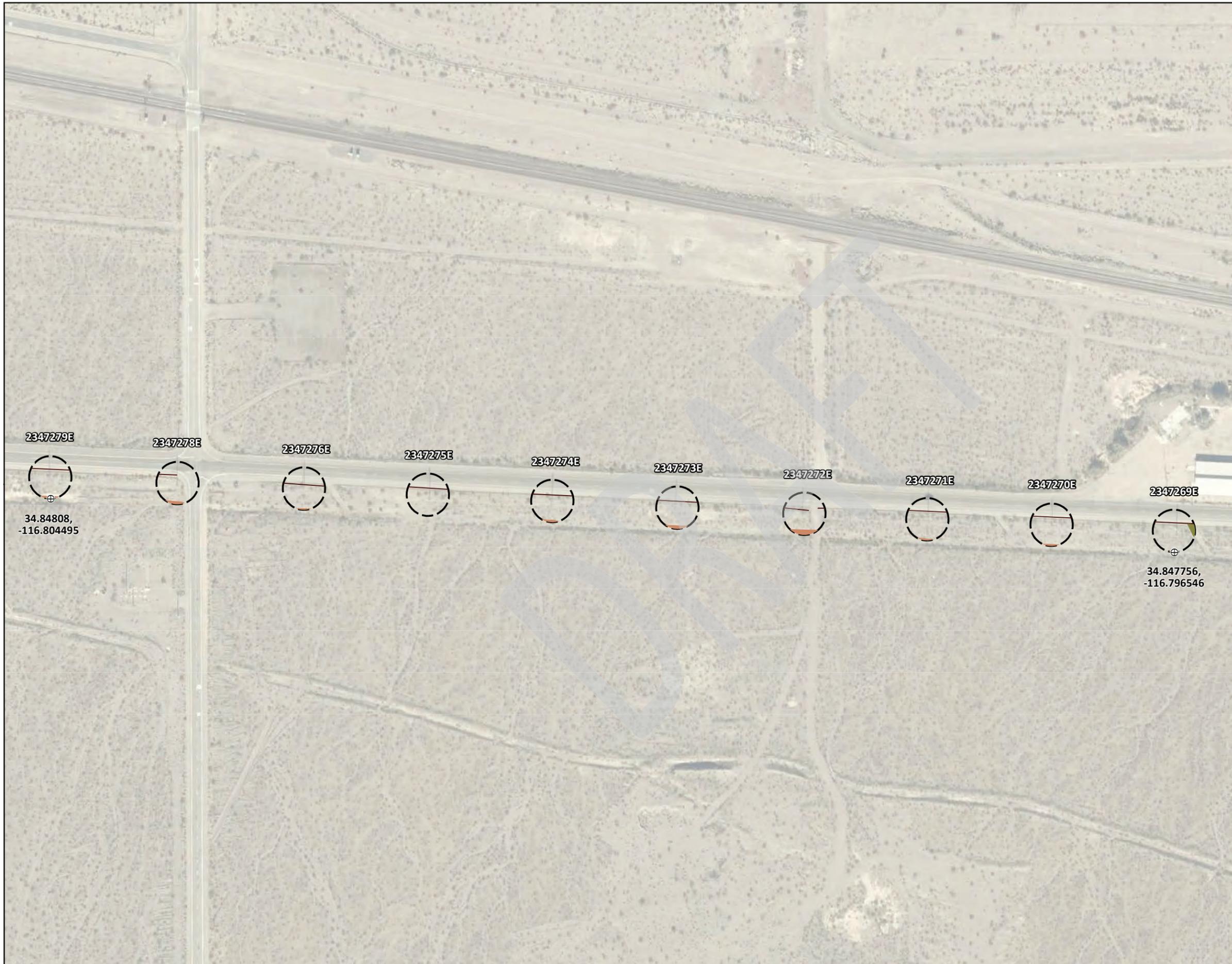


Figure 8, Page 8 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

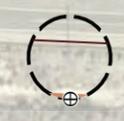
LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- RWQCB Aquatic Resources**
-  Ditch/Canal
-  Excavated Diversion Ditch
-  Roadside Ditch

2347279E



34.84808,  
-116.804495

2347278E



2347276E



2347275E



2347274E



2347273E



2347272E



2347271E



2347270E



2347269E



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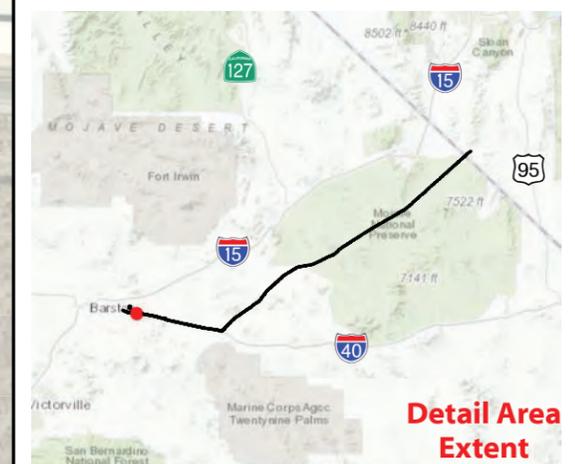


Figure 8, Page 9 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

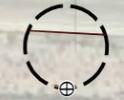
LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- USACE and RWQCB Aquatic Resources**
-  Streambed Unvegetated
- RWQCB Aquatic Resources**
-  Ditch/Canal
-  Excavated Diversion Ditch
-  Roadside Ditch
- RWQCB only**
-  Culvert
-  Culvert

2347268E



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-116.795669

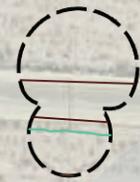
2347266E



2347265E

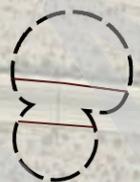


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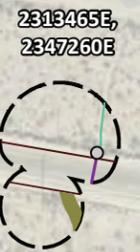


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4169402E

2313467E,  
2347262E



2313466E,  
2347261E



2313465E,  
2347260E

2347259E



4632664E



34.847071,  
-116.788007



Figure 8, Page 10 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- RWQCB Aquatic Resources**
- Ditch/Canal
- Roadside Ditch

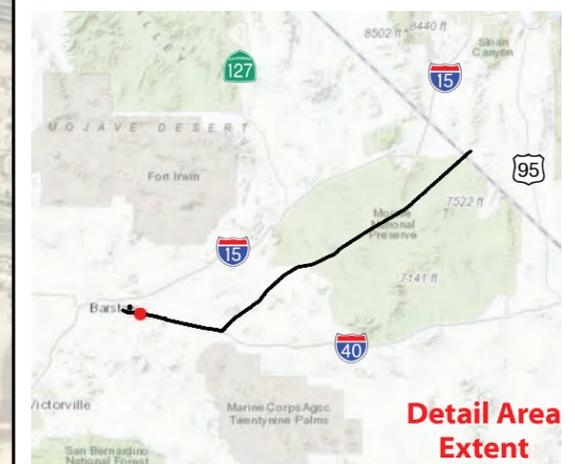


Figure 8, Page 11 of 189  
**USACE and RWQCB Aquatic Resources Survey Results**  
 LUGO-VICTORVILLE 500-KV TRANSMISSION LINE REMEDIAL ACTION SCHEME PROJECT  
 AQUATIC RESOURCES DELINEATION





- Survey Area
- USACE and RWQCB Aquatic Resources**
- Streambed Unvegetated
- RWQCB Aquatic Resources**
- Ditch/Canal
- Roadside Ditch

2361337E



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2361336E



2361335E



2361334E



2361333E



2361332E



2361331E



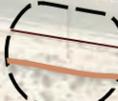
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4792303E



4792302E



34.84426,  
-116.76993



Figure 8, Page 12 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- RWQCB Aquatic Resources**
  - Ditch/Canal
  - Roadside Ditch
- Non-Jurisdictional Lines**
  - Paleo Channel

2361377E  
 34.844186,  
 -116.769181

2361376E

2361375E

2361374E,  
 4014498E

2361373E,  
 4014497E

2361372E

2361371E

2361370E

2361369E

2361368E  
 34.843179,  
 -116.760946



Figure 8, Page 13 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
 TRANSMISSION LINE REMEDIAL  
 ACTION SCHEME PROJECT  
 AQUATIC RESOURCES DELINEATION





- Survey Area
- RWQCB Aquatic Resources**
- Ditch/Canal
- Roadside Ditch
- RWQCB only**
- Culvert



Figure 8, Page 14 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- USACE and RWQCB Aquatic Resources**
- Streambed Unvegetated
- RWQCB Aquatic Resources**
- Ditch/Canal
- Roadside Ditch
- RWQCB only**
- Culvert
- Culvert



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**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- RWQCB Aquatic Resources**
  - Ditch/Canal
  - Roadside Ditch
- Non-Jurisdictional Lines**
  - Erosional

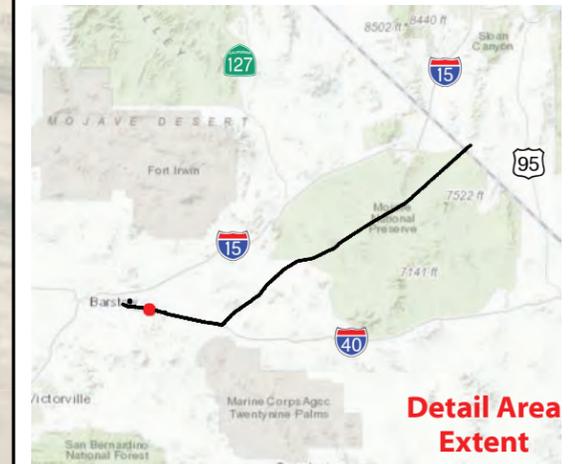


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**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION



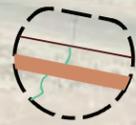


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2347485E



2347484E



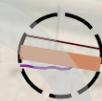
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2347479E



2347478E



2347477E



34.837782,  
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- Survey Area
- USACE and RWQCB Aquatic Resources**
- Streambed Unvegetated
- RWQCB Aquatic Resources**
- Ditch/Canal
- Roadside Ditch
- Non-Jurisdictional Lines**
- Paleo Channel



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**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- USACE and RWQCB Aquatic Resources**
- Streambed Unvegetated
- RWQCB Aquatic Resources**
- Ditch/Canal
- Roadside Ditch



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**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- USACE and RWQCB Aquatic Resources**
-  Streambed Unvegetated
- RWQCB Aquatic Resources**
-  Ditch/Canal
-  Roadside Ditch
- Non-Jurisdictional Lines**
-  Paleo Channel



Figure 8, Page 19 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- USACE and RWQCB Aquatic Resources**
- Streambed Unwegetated
- RWQCB Aquatic Resources**
- Basin
- Ditch/Canal
- Roadside Ditch
- Non-Jurisdictional Lines**
- Paleo Channel

2347454E

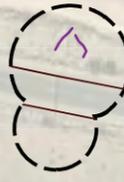


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2347452E



2347451E,  
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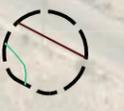
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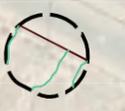
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2347545E



2347544E



2347543E



2347542E



34.832628,  
-116.699783



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**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Photo Location
- USACE and RWQCB Aquatic Resources**
- Streambed Unvegetated
- RWQCB Aquatic Resources**
- Basin
- Roadside Ditch
- Culvert
- Non-Jurisdictional Lines**
- Erosional

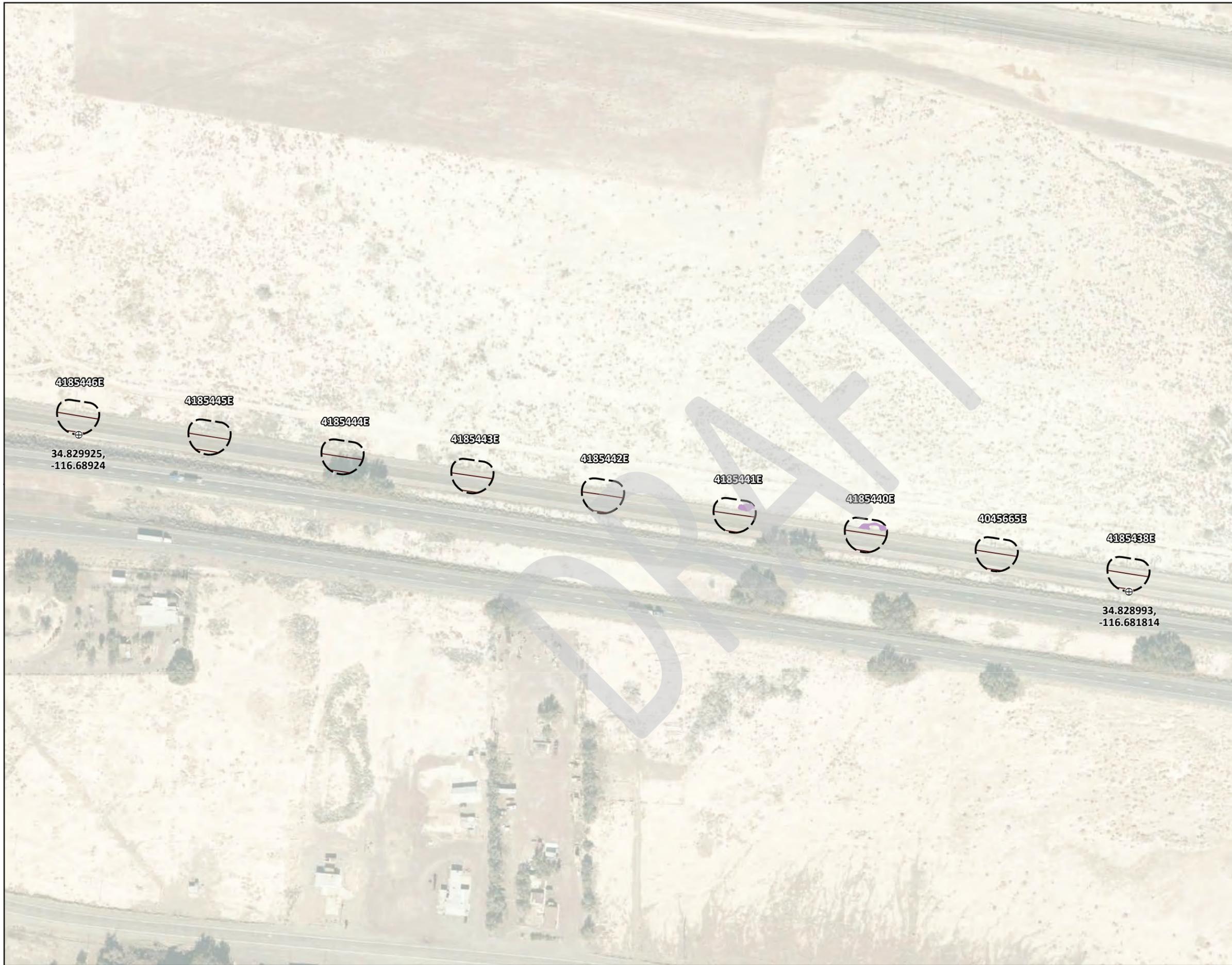


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**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- RWQCB Aquatic Resources**
-  Basin
-  Roadside Ditch

4185446E



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4185445E



4185444E



4185443E



4185442E



4185441E



4185440E



4045665E



4185438E



34.828993,  
-116.681814



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**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- RWQCB Aquatic Resources**
-  Basin
-  Roadside Ditch



Figure 8, Page 23 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- RWQCB Aquatic Resources**
-  Basin
-  Roadside Ditch

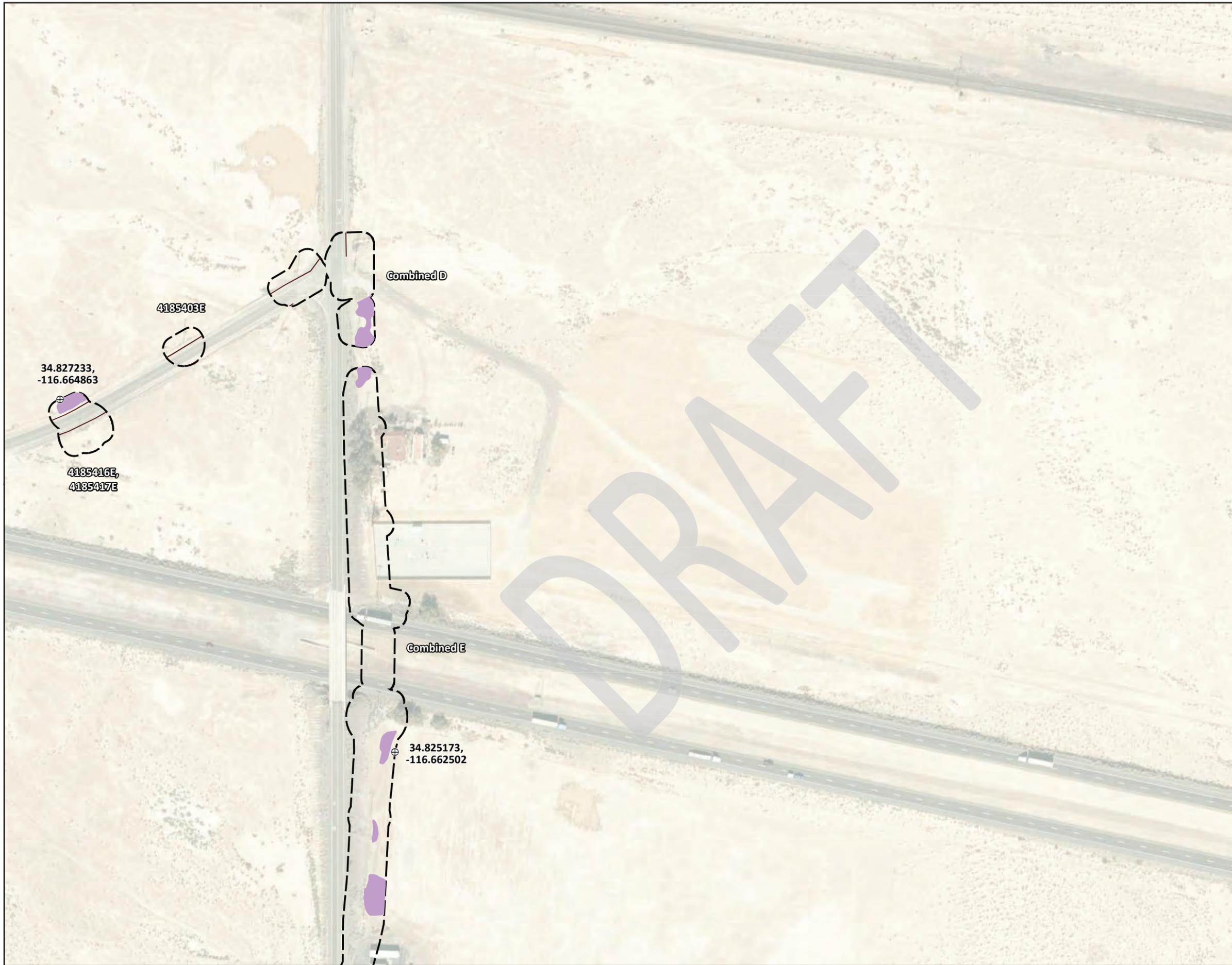


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**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- RWQCB Aquatic Resources**
- Basin
- Roadside Ditch

DRAFT

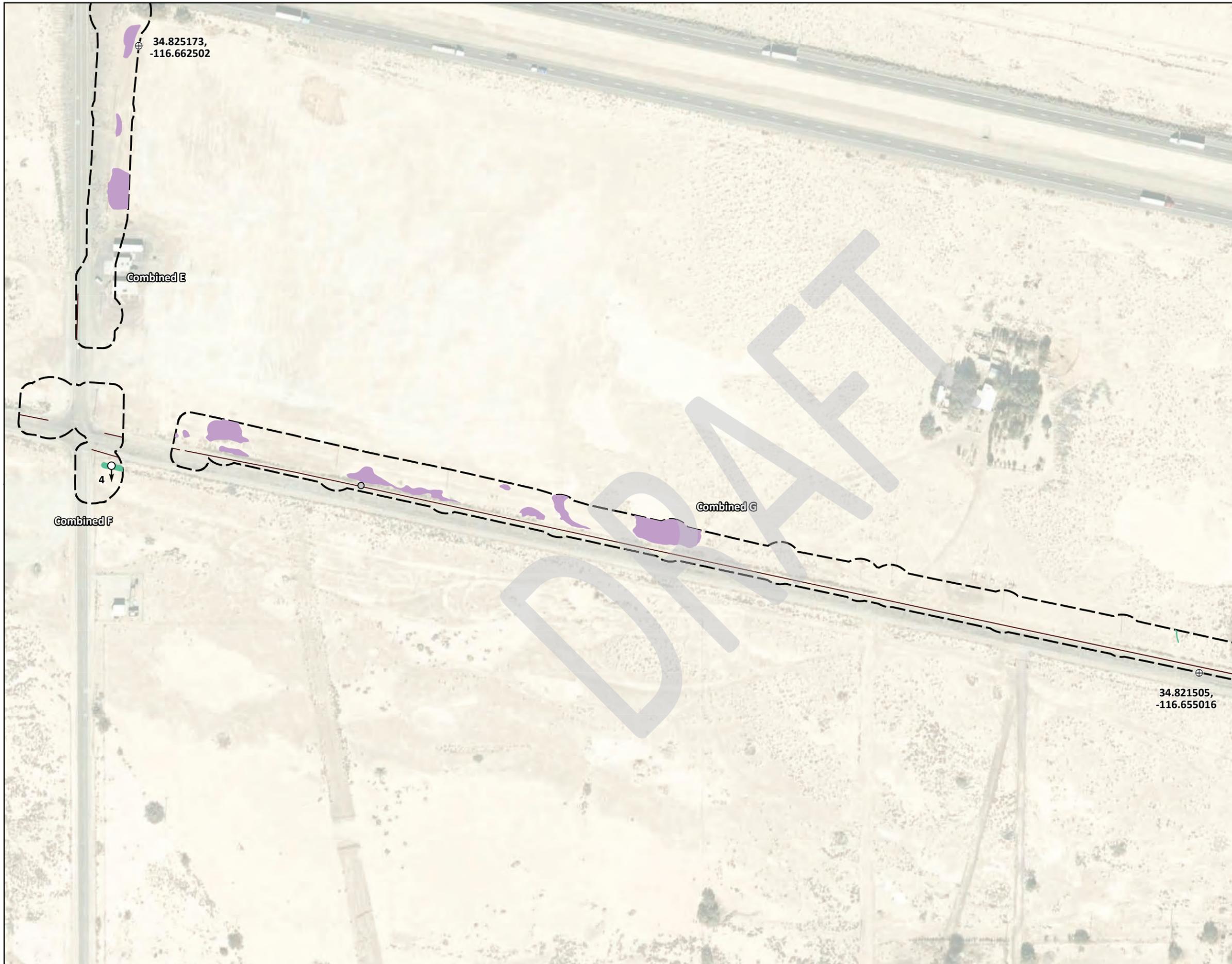


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**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Photo Location
- USACE and RWQCB Aquatic Resources**
- Streambed Unvegetated
- RWQCB Aquatic Resources**
- Basin
- Roadside Ditch
- Culvert



Figure 8, Page 26 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- USACE and RWQCB Aquatic Resources**
-  Streambed Unvegetated
- RWQCB Aquatic Resources**
-  Basin
-  Roadside Ditch



Figure 8, Page 27 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- USACE and RWQCB Aquatic Resources**
-  Streambed Unvegetated
- RWQCB Aquatic Resources**
-  Basin
-  Roadside Ditch



Figure 8, Page 28 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





-  Survey Area
- USACE and RWQCB Aquatic Resources**
-  Streambed Unvegetated
- RWQCB Aquatic Resources**
-  Basin
-  Roadside Ditch

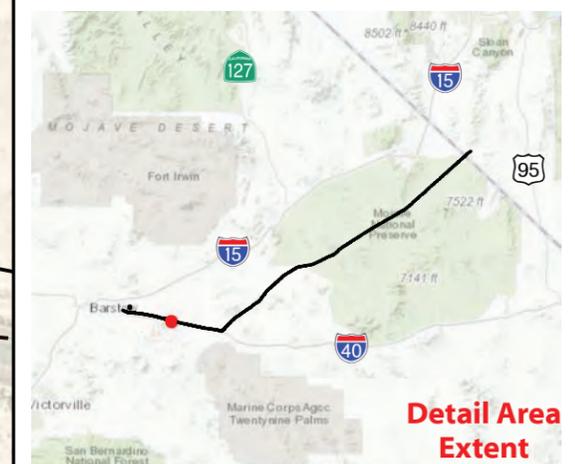


Figure 8, Page 29 of 189

**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- USACE and RWQCB Aquatic Resources**
- Streambed Unvegetated
- RWQCB Aquatic Resources**
- Ditch/Canal
- Roadside Ditch
- Non-Jurisdictional Lines**
- Erosional



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**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Photo Location
- RWQCB Aquatic Resources**
- Basin
- Ditch/Canal
- Roadside Ditch
- RWQCB only**
- Culvert

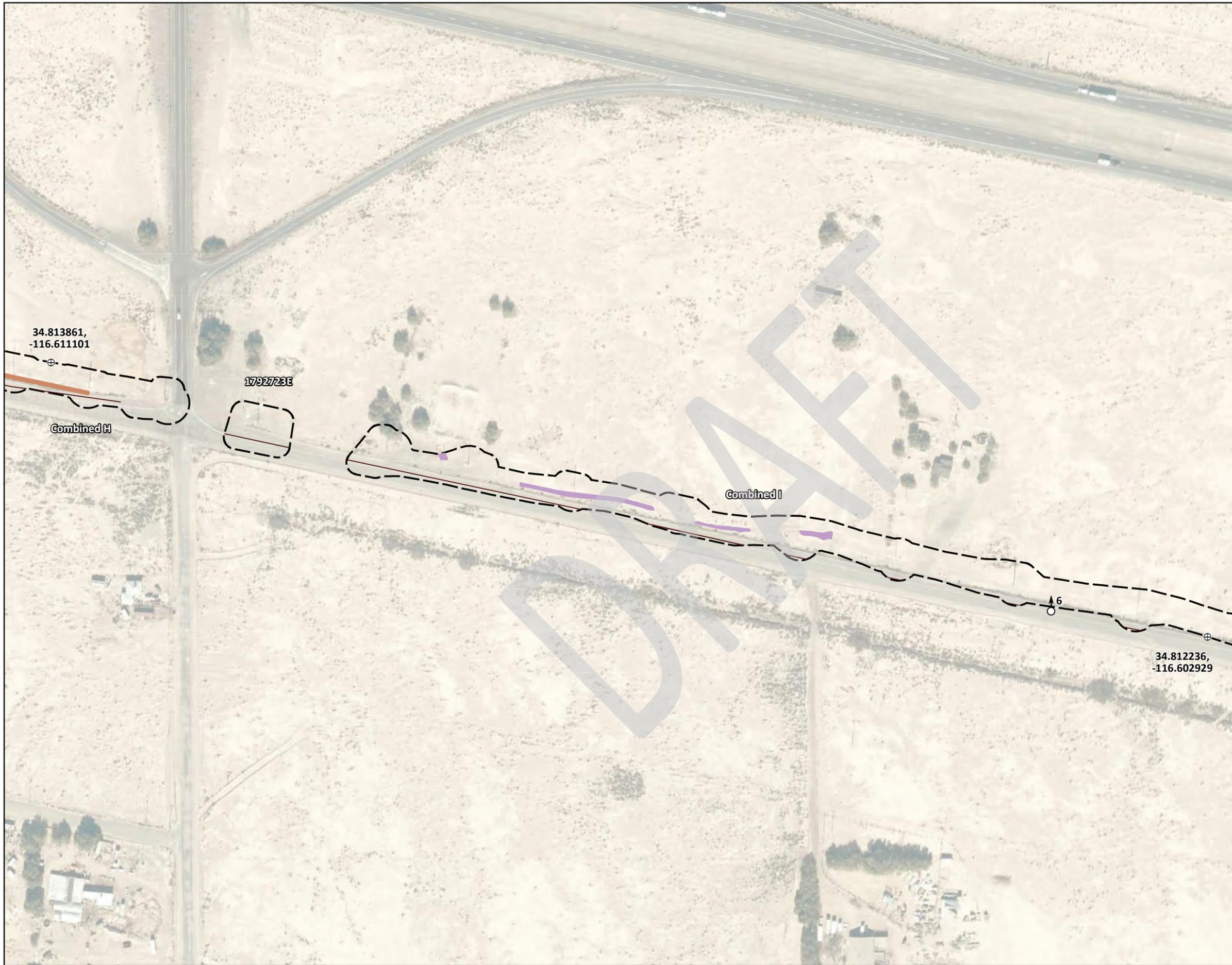


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**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION





- Survey Area
- Photo Location
- RWQCB Aquatic Resources**
- Basin
- Ditch/Canal
- Roadside Ditch



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**USACE and RWQCB Aquatic Resources Survey Results**

LUGO-VICTORVILLE 500-KV  
TRANSMISSION LINE REMEDIAL  
ACTION SCHEME PROJECT  
AQUATIC RESOURCES DELINEATION

