
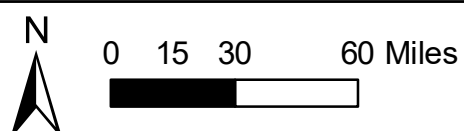


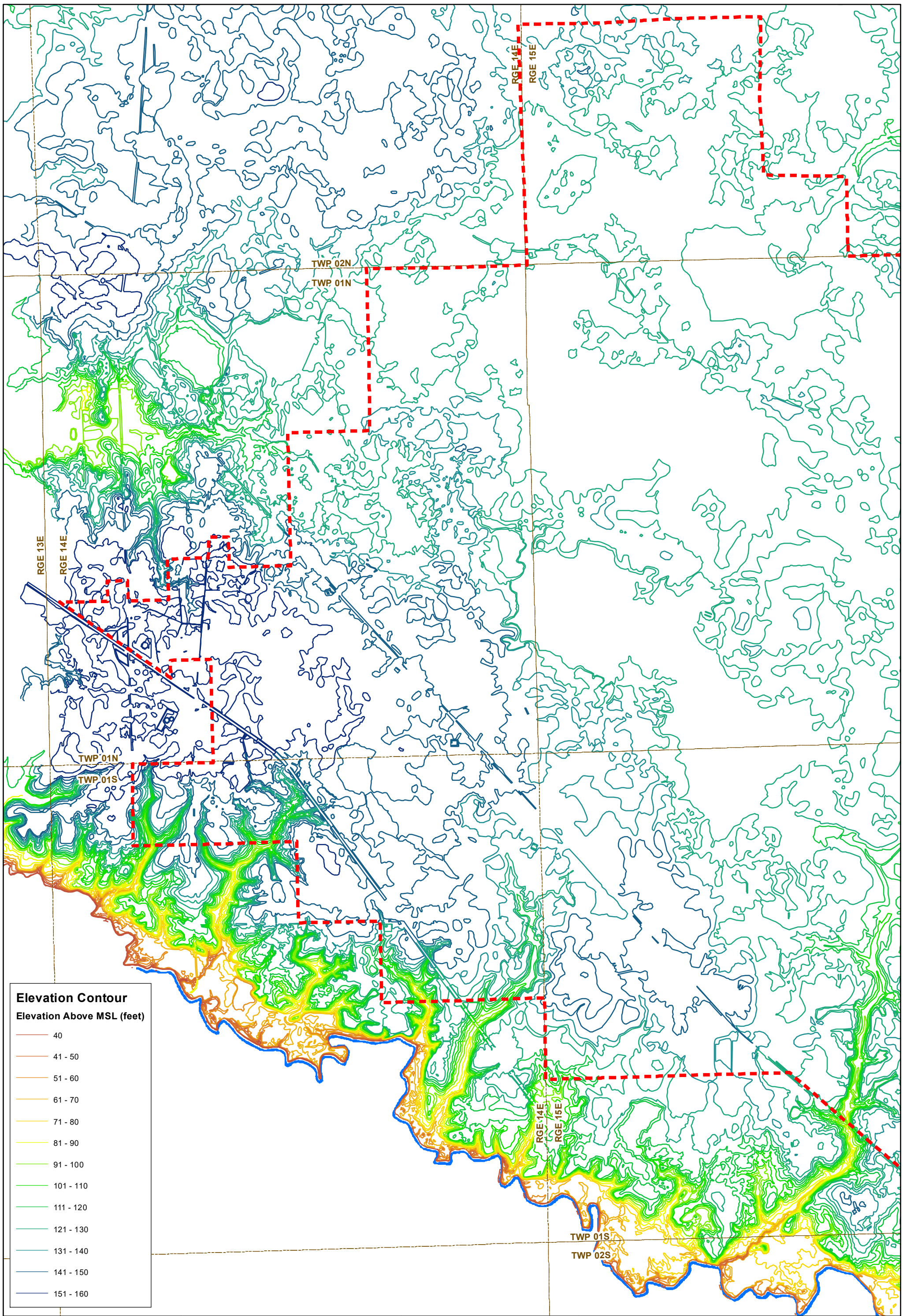
**LOCATION
OF
HAMILTON COUNTY MINE
WHITE SPRINGS, FLORIDA**

 Mine Boundary CRP E





**LOCATION MAP
HAMILTON COUNTY MINE**

**MAP NO: IV-1
1 OF 1**



Elevation Contour
Elevation Above MSL (feet)

40
41 - 50
51 - 60
61 - 70
71 - 80
81 - 90
91 - 100
101 - 110
111 - 120
121 - 130
131 - 140
141 - 150
151 - 160

 Project Boundary
 Suwannee River

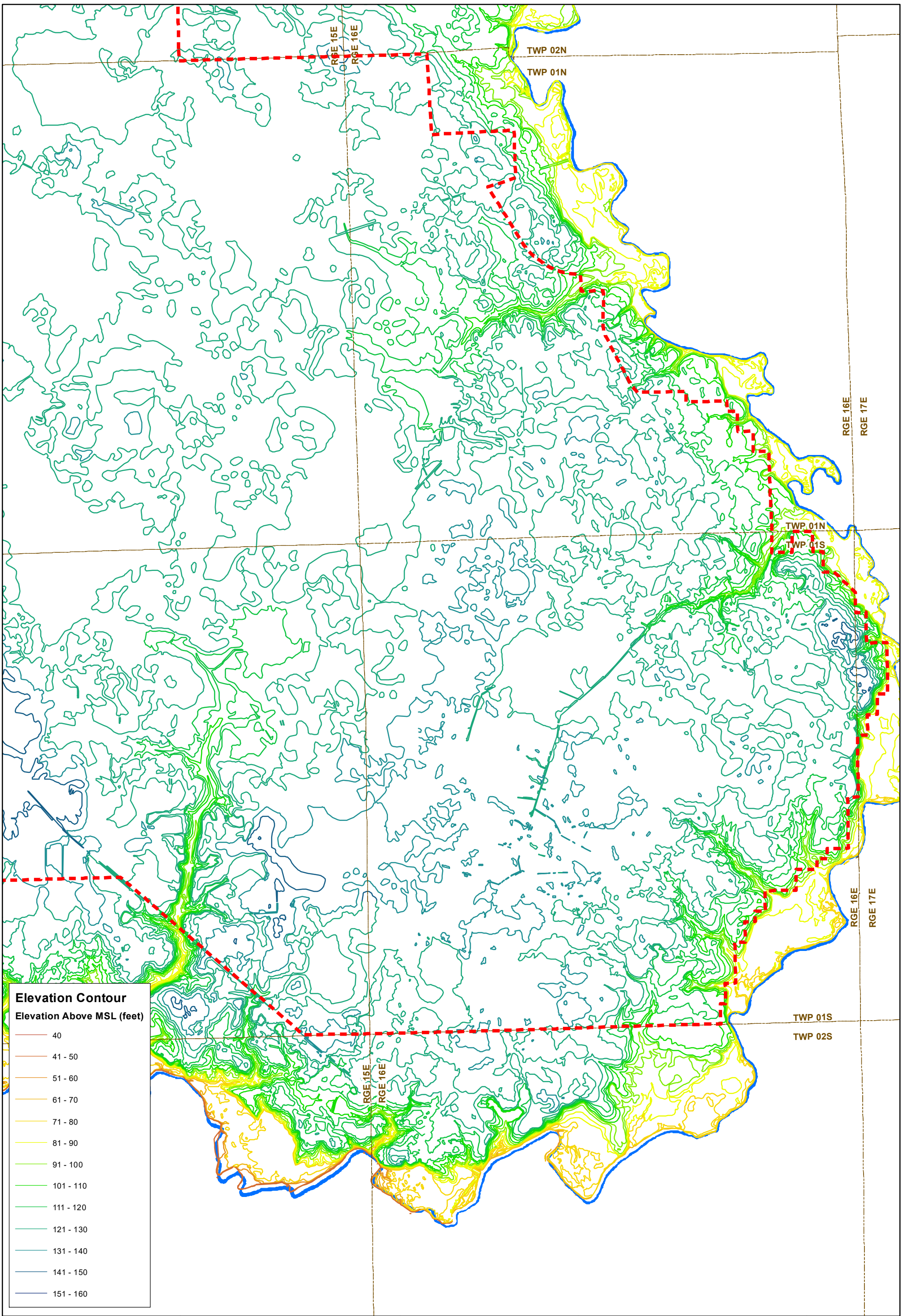




0 0.5 1
Miles



**PRE-MINING
TOPOGRAPHY
HAMILTON COUNTY MINE**

**MAP NO: V-1
1 OF 2**



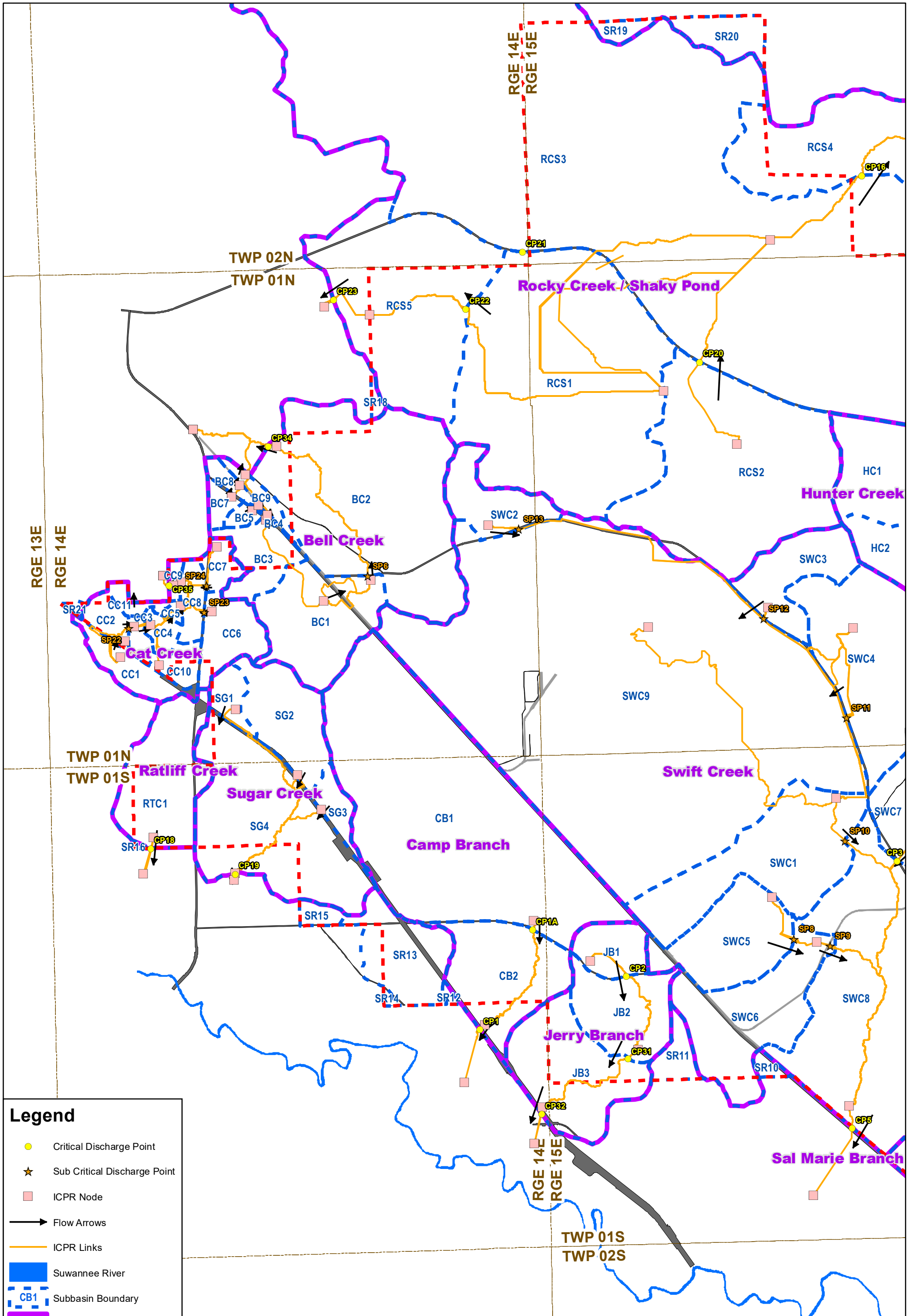
 Project Boundary
 Suwannee River

 N
 0 0.5 1 Miles



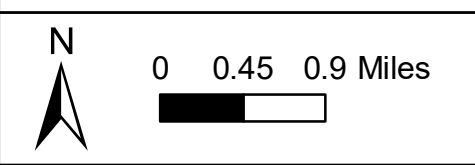

**PRE-MINING
TOPOGRAPHY
HAMILTON COUNTY MINE**

**MAP NO: V-1
2 OF 2**



Legend

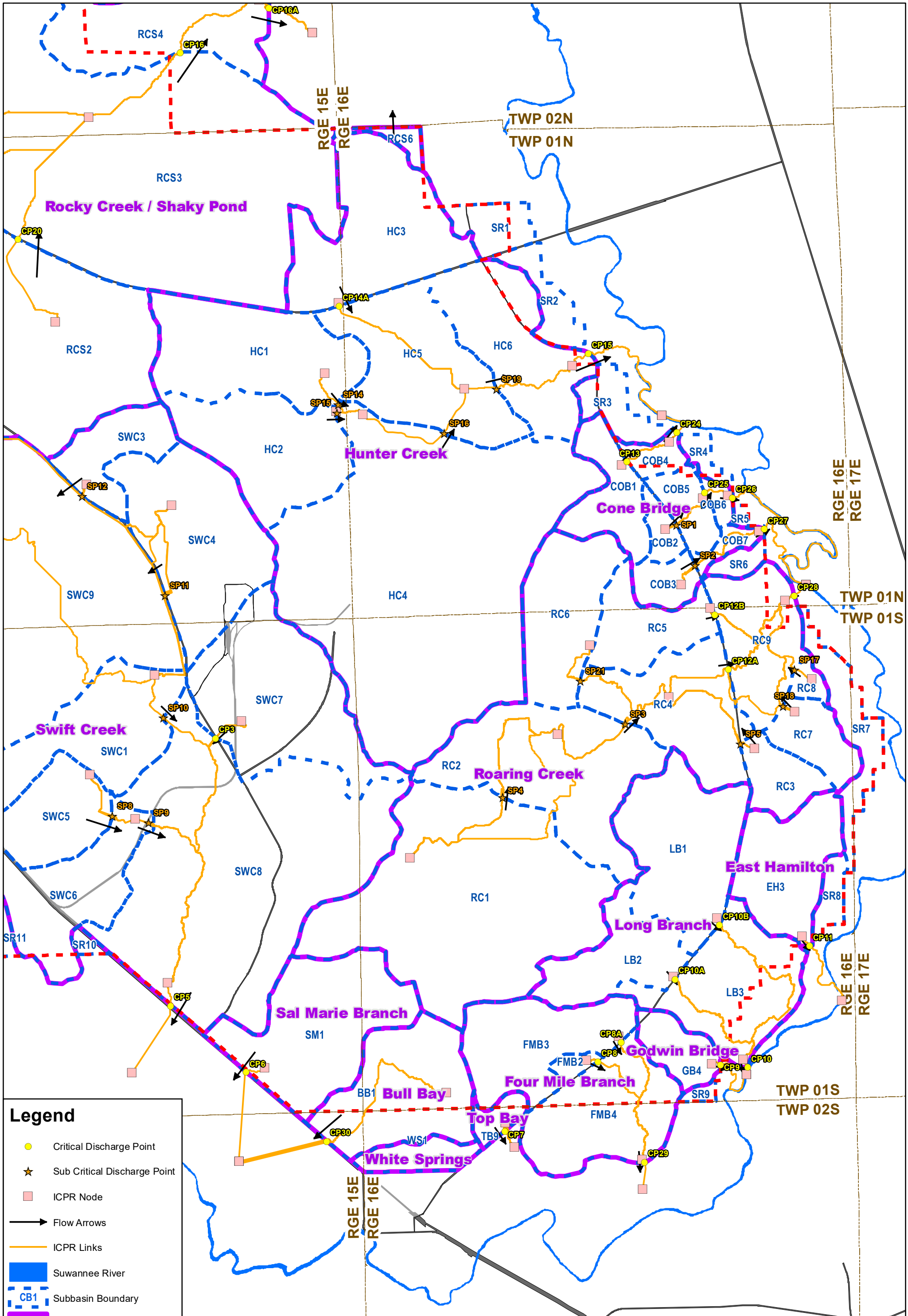
- Critical Discharge Point
- ★ Sub Critical Discharge Point
- ICPR Node
- Flow Arrows
- ICPR Links
- Suwannee River
- CB1 Subbasin Boundary
- NAME Basin Boundary
- Paved Road
- Railroad



**PRE-MINING
DRAINAGE
HAMILTON COUNTY MINE**

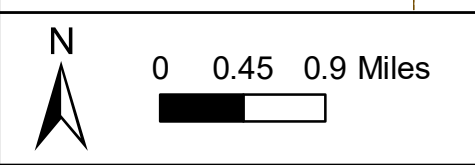
**MAP NO: V-2
1 OF 2**

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Legend

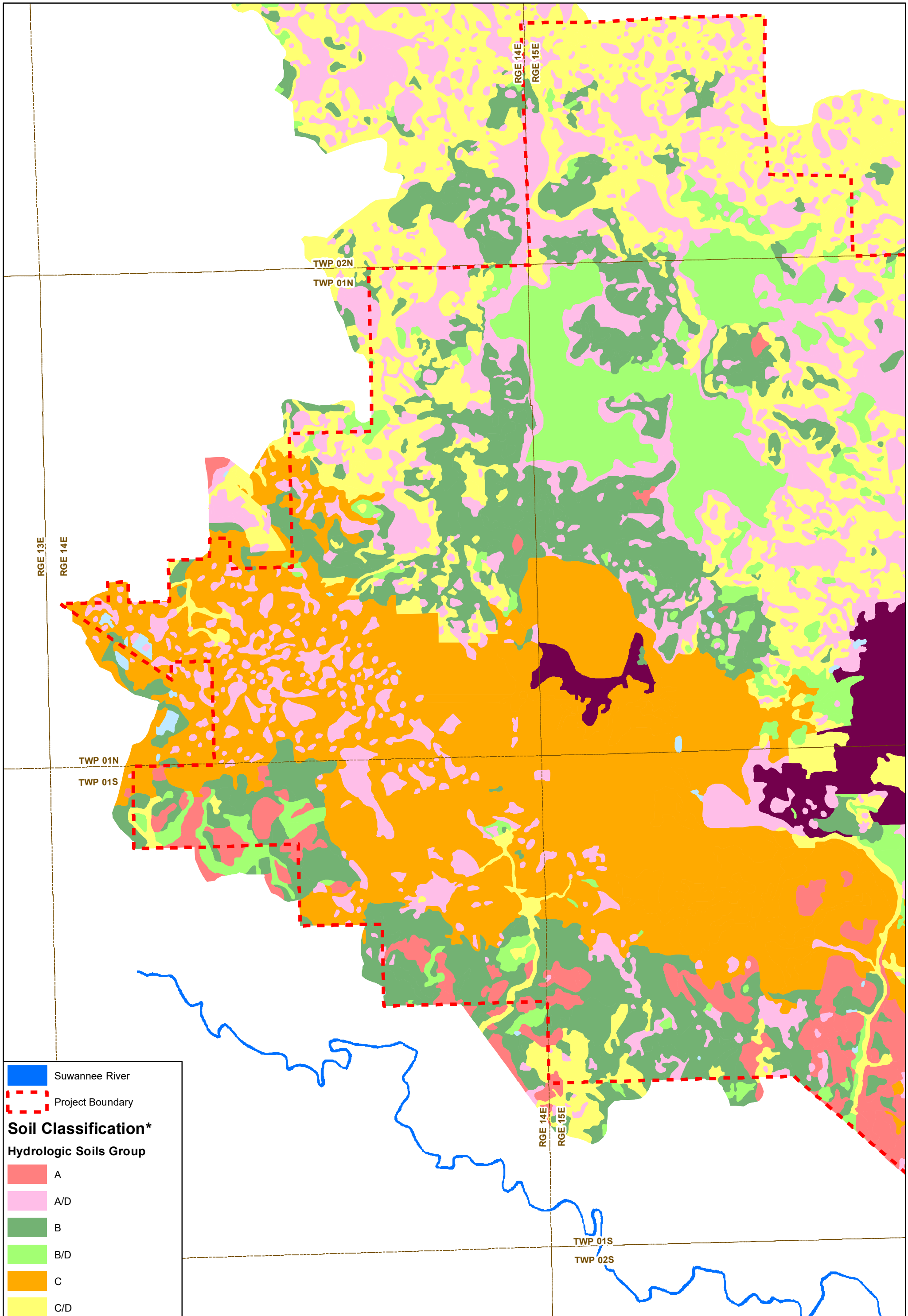
- Critical Discharge Point
- ★ Sub Critical Discharge Point
- ICPR Node
- Flow Arrows
- ICPR Links
- Suwannee River
- CB1 Subbasin Boundary
- NAME Basin Boundary
- Paved Road
- Railroad



**PRE-MINING
DRAINAGE
HAMILTON COUNTY MINE**

**MAP NO: V-2
2 OF 2**

Document Path: L:\DCS\Projects\ENVAWSA_CMMPA_G_R1_60679477\00_CAD_GIS\920_929_GIS_Graphical\mxd\v2_pre_mining_drainage_Hamilton_County_Mine.mxd Created by AECOM 3/19/2022



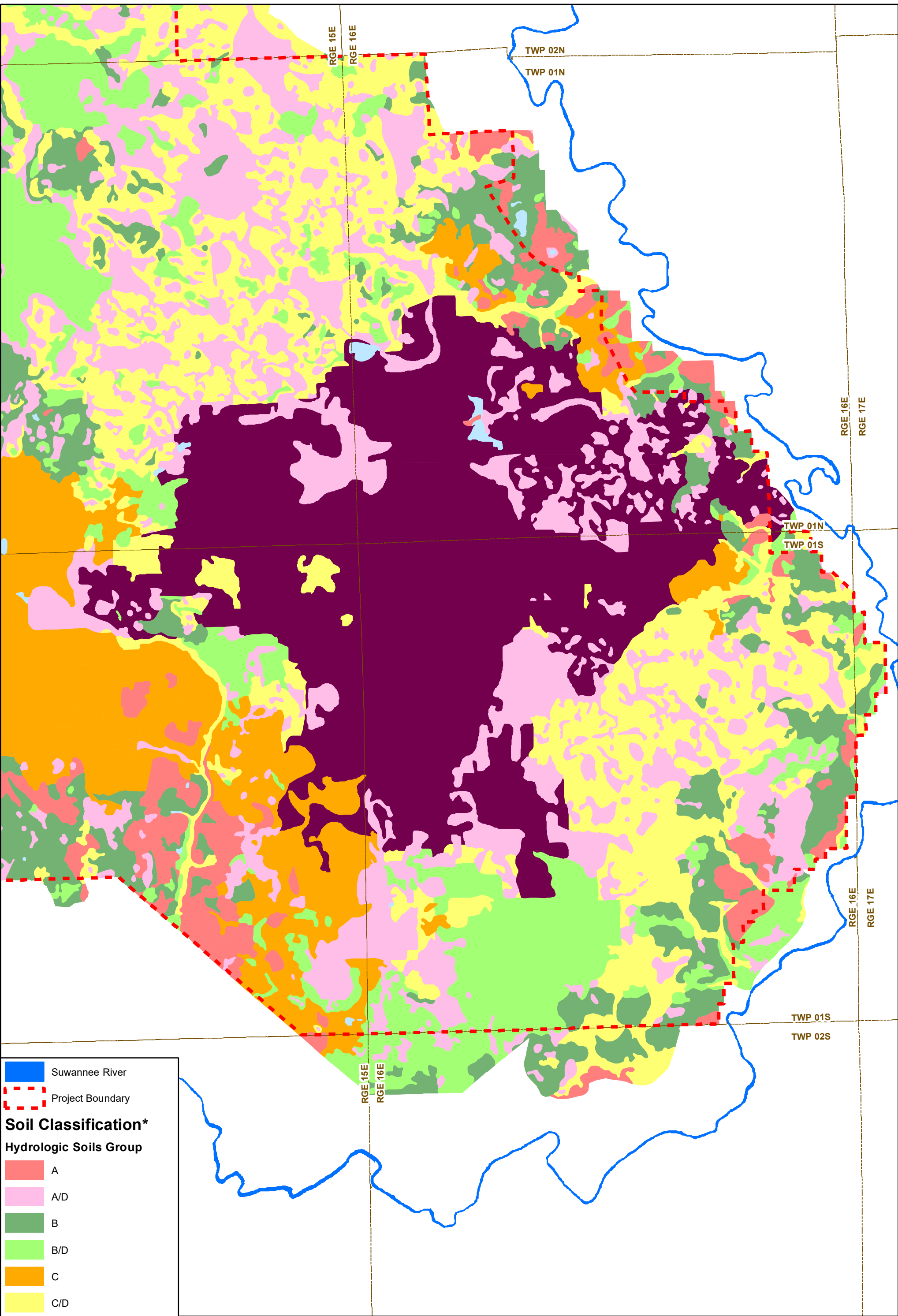
■ Suwannee River
 Project Boundary
Soil Classification*
Hydrologic Soils Group
■ A
■ A/D
■ B
■ B/D
■ C
■ C/D
■ D
■ Water

*Soils represented support Hydrologic Modeling



**PRE-MINING SOILS
HAMILTON COUNTY MINE**

**MAP NO: V-3
1 OF 2**



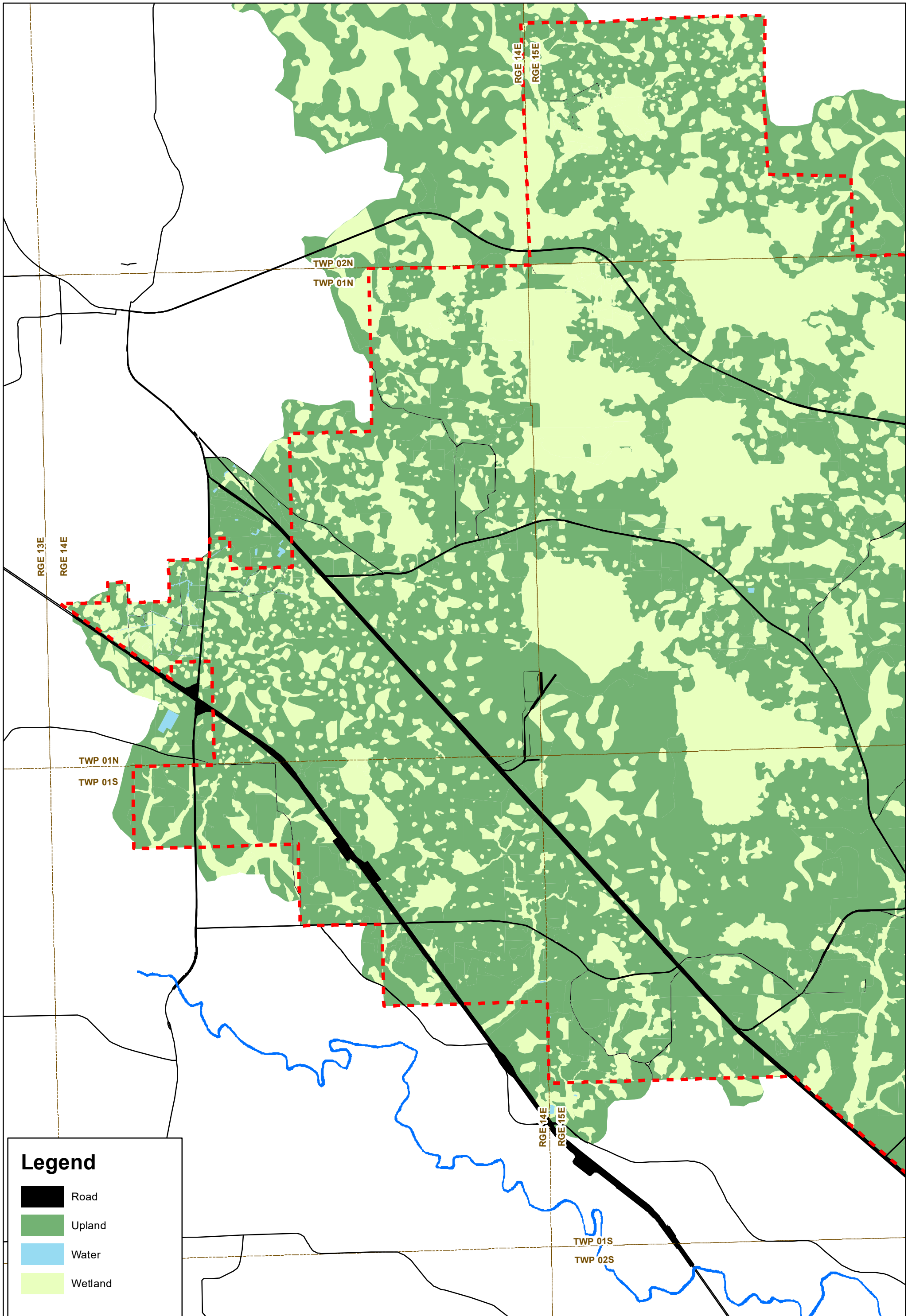
■ Suwannee River
 Project Boundary
Soil Classification*
Hydrologic Soils Group
■ A
■ A/D
■ B
■ B/D
■ C
■ C/D
■ D
■ Water

*Soils represented support Hydrologic Modeling





**PRE-MINING SOILS
HAMILTON COUNTY MINE**

**MAP NO: V-3
2 OF 2**



Legend

-  Road
-  Upland
-  Water
-  Wetland

-  Project Boundary
-  Suwannee River

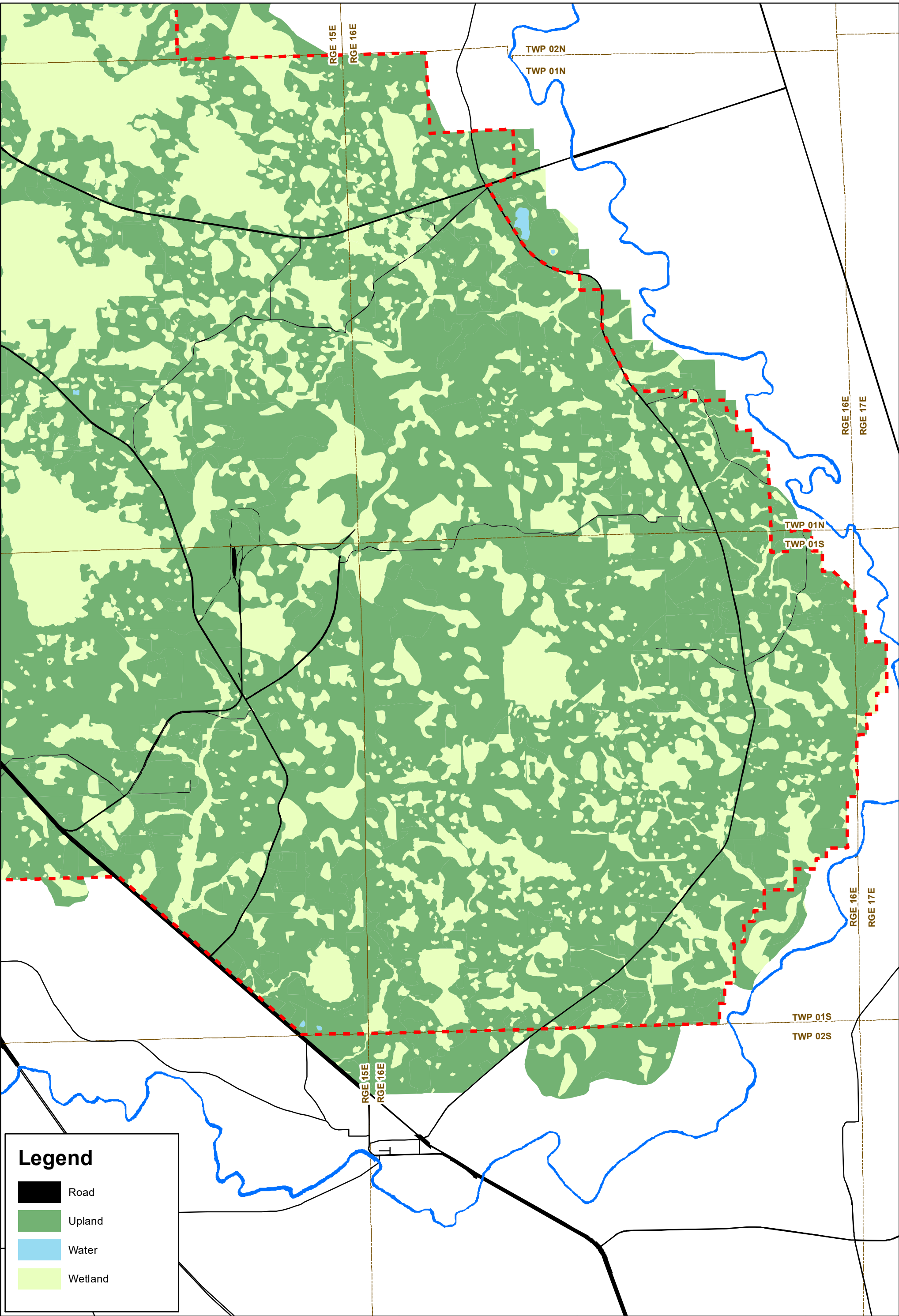
N

0 0.5 1 Miles






**PRE-MINING
LAND FORM
HAMILTON COUNTY MINE**

**MAP NO: V-4
1 OF 2**



Legend

-  Road
-  Upland
-  Water
-  Wetland

-  Project Boundary
-  Suwannee River

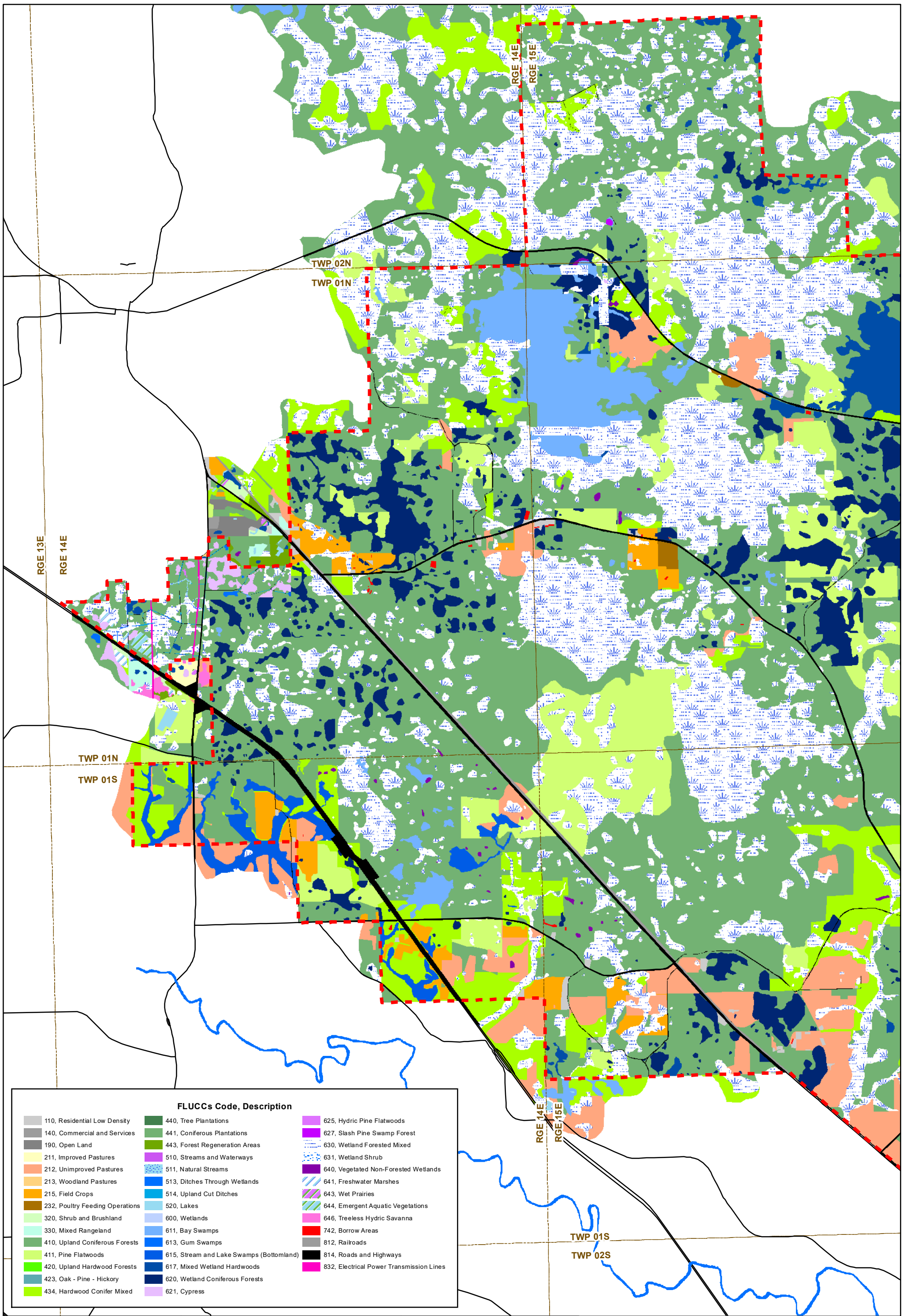
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**PRE-MINING
LAND FORM
HAMILTON COUNTY MINE**

**MAP NO: V-4
2 OF 2**



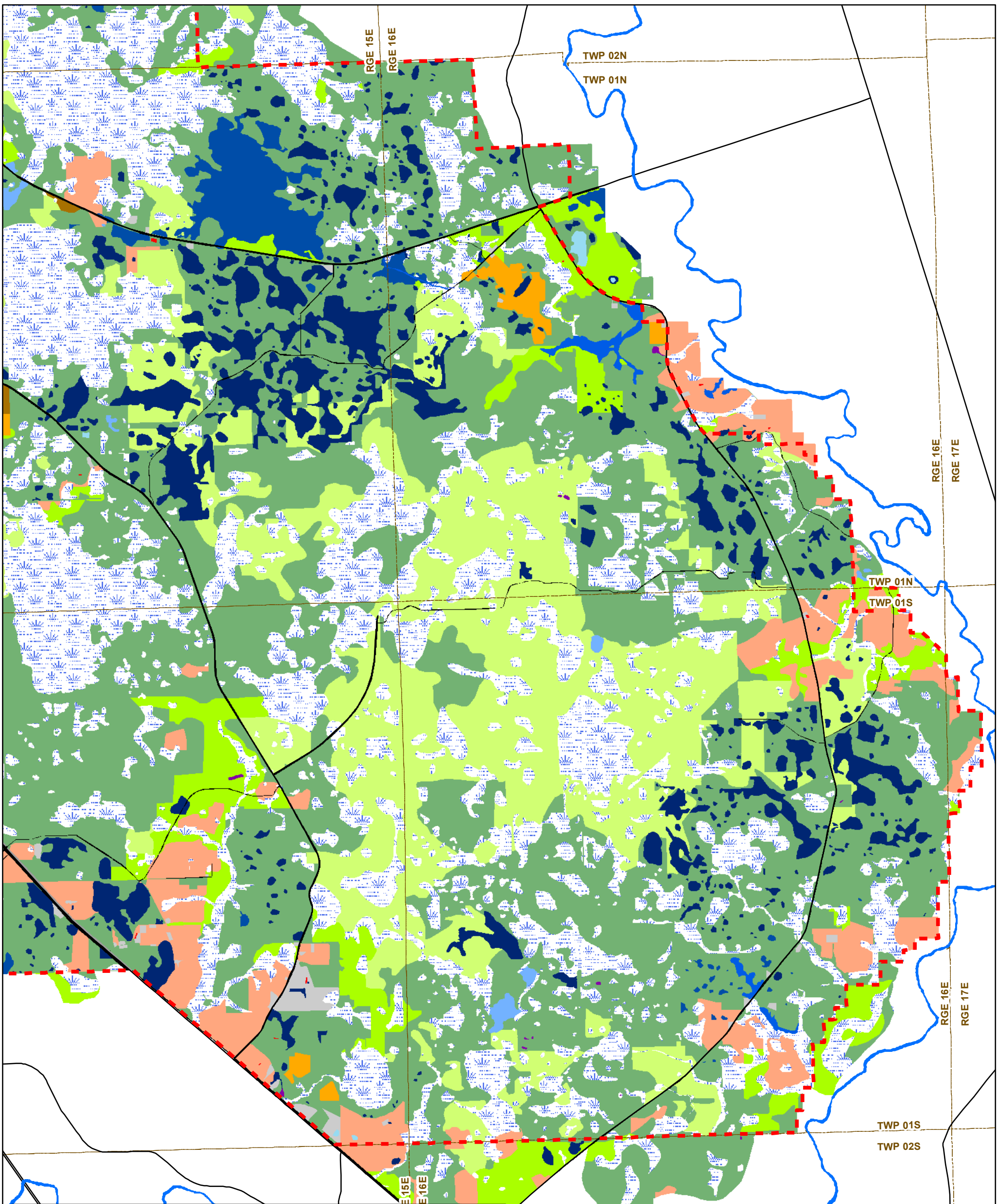
FLUCCs Code, Description		
110, Residential Low Density	440, Tree Plantations	625, Hydric Pine Flatwoods
140, Commercial and Services	441, Coniferous Plantations	627, Slash Pine Swamp Forest
190, Open Land	443, Forest Regeneration Areas	630, Wetland Forested Mixed
211, Improved Pastures	510, Streams and Waterways	631, Wetland Shrub
212, Unimproved Pastures	511, Natural Streams	640, Vegetated Non-Forested Wetlands
213, Woodland Pastures	513, Ditches Through Wetlands	641, Freshwater Marshes
215, Field Crops	514, Upland Cut Ditches	643, Wet Prairies
232, Poultry Feeding Operations	520, Lakes	644, Emergent Aquatic Vegetations
320, Shrub and Brushland	600, Wetlands	646, Treeless Hydric Savanna
330, Mixed Rangeland	611, Bay Swamps	742, Borrow Areas
410, Upland Coniferous Forests	613, Gum Swamps	812, Railroads
411, Pine Flatwoods	615, Stream and Lake Swamps (Bottomland)	814, Roads and Highways
420, Upland Hardwood Forests	617, Mixed Wetland Hardwoods	832, Electrical Power Transmission Lines
423, Oak - Pine - Hickory	620, Wetland Coniferous Forests	
434, Hardwood Conifer Mixed	621, Cypress	

Suwannee River
 Project Boundary
 Major Roads - Statewide



**PRE-MINING
 LAND USE
 HAMILTON COUNTY MINE**

**MAP NO: V-5
 1 OF 2**



FLUCCs Code, Description		
110, Residential Low Density	440, Tree Plantations	625, Hydric Pine Flatwoods
140, Commercial and Services	441, Coniferous Plantations	627, Slash Pine Swamp Forest
190, Open Land	443, Forest Regeneration Areas	630, Wetland Forested Mixed
211, Improved Pastures	510, Streams and Waterways	631, Wetland Shrub
212, Unimproved Pastures	511, Natural Streams	640, Vegetated Non-Forested Wetlands
213, Woodland Pastures	513, Ditches Through Wetlands	641, Freshwater Marshes
215, Field Crops	514, Upland Cut Ditches	643, Wet Prairies
232, Poultry Feeding Operations	520, Lakes	644, Emergent Aquatic Vegetations
320, Shrub and Brushland	600, Wetlands	646, Treeless Hydric Savanna
330, Mixed Rangeland	611, Bay Swamps	742, Borrow Areas
410, Upland Coniferous Forests	613, Gum Swamps	812, Railroads
411, Pine Flatwoods	615, Stream and Lake Swamps (Bottomland)	814, Roads and Highways
420, Upland Hardwood Forests	617, Mixed Wetland Hardwoods	832, Electrical Power Transmission Lines
423, Oak - Pine - Hickory	620, Wetland Coniferous Forests	
434, Hardwood Conifer Mixed	621, Cypress	

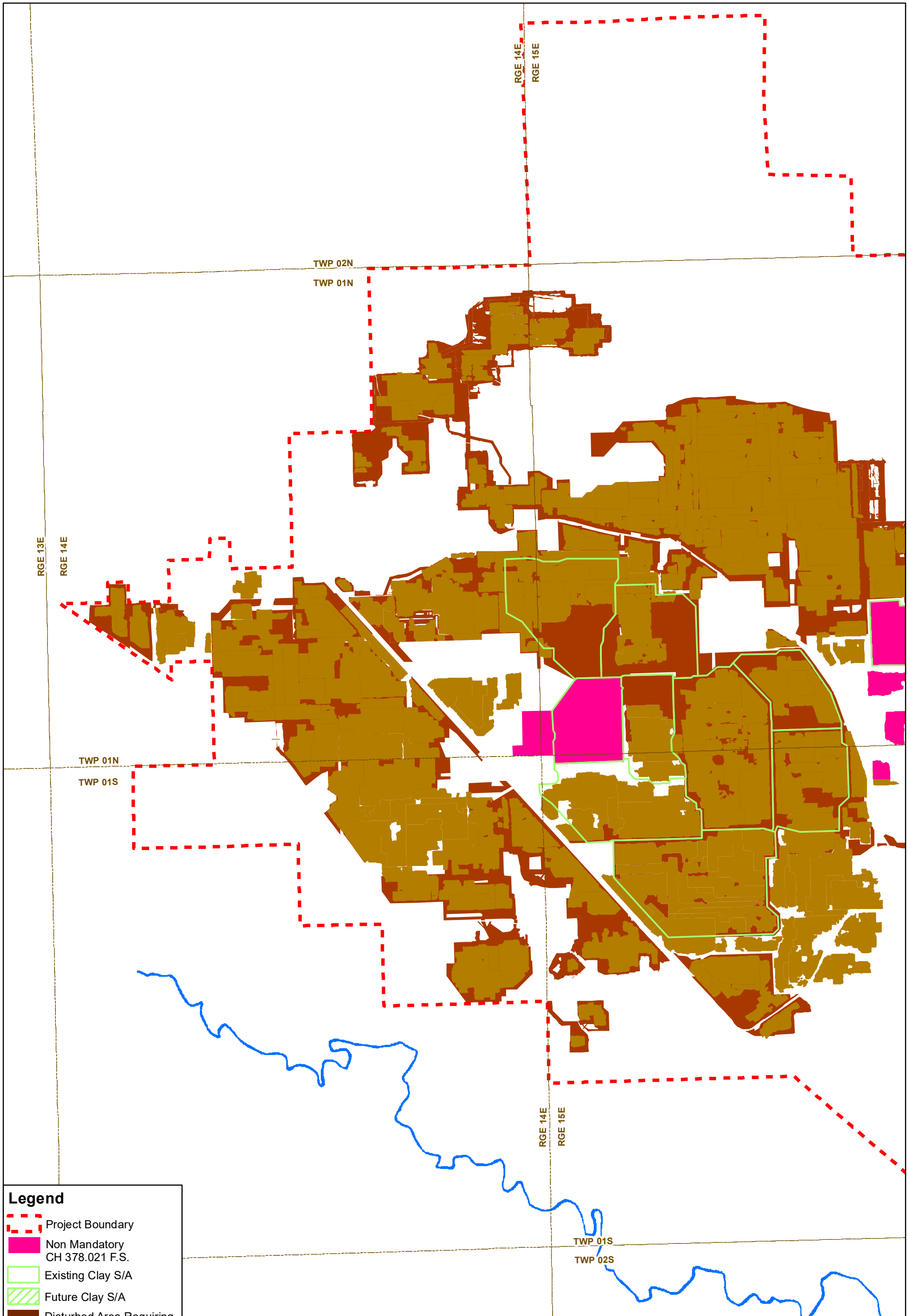
Suwannee River
 Project Boundary
 Major Roads - Statewide

N
 0 0.45 0.9 Miles










**PRE-MINING
 LAND USE
 HAMILTON COUNTY MINE**

**MAP NO: V-5
 2 OF 2**

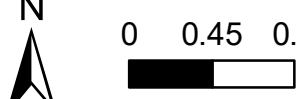


Legend

-  Project Boundary
-  Non Mandatory CH 378.021 F.S.
-  Existing Clay S/A
-  Future Clay S/A
-  Disturbed Area Requiring Mandatory Reclamation
-  Mined Area Requiring Mandatory Reclamation
-  Suwannee River

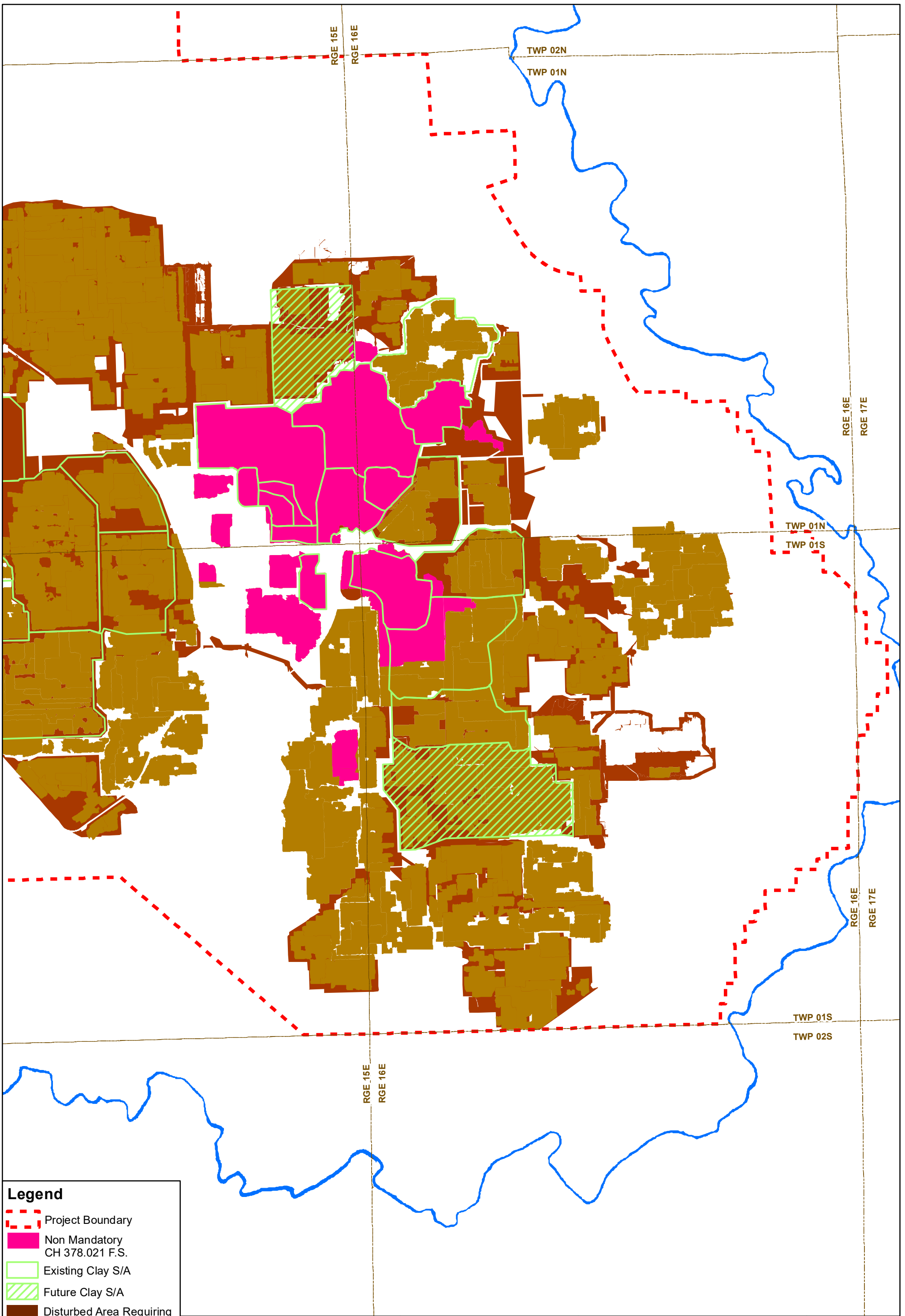
N

0 0.45 0.9 Miles




**MINED & DISTURBED AREAS
HAMILTON COUNTY MINE**

**MAP NO: VI-1
1 OF 2**



Legend

- Project Boundary
- Non Mandatory CH 378.021 F.S.
- Existing Clay S/A
- Future Clay S/A
- Disturbed Area Requiring Mandatory Reclamation
- Mined Area Requiring Mandatory Reclamation
- Suwannee River

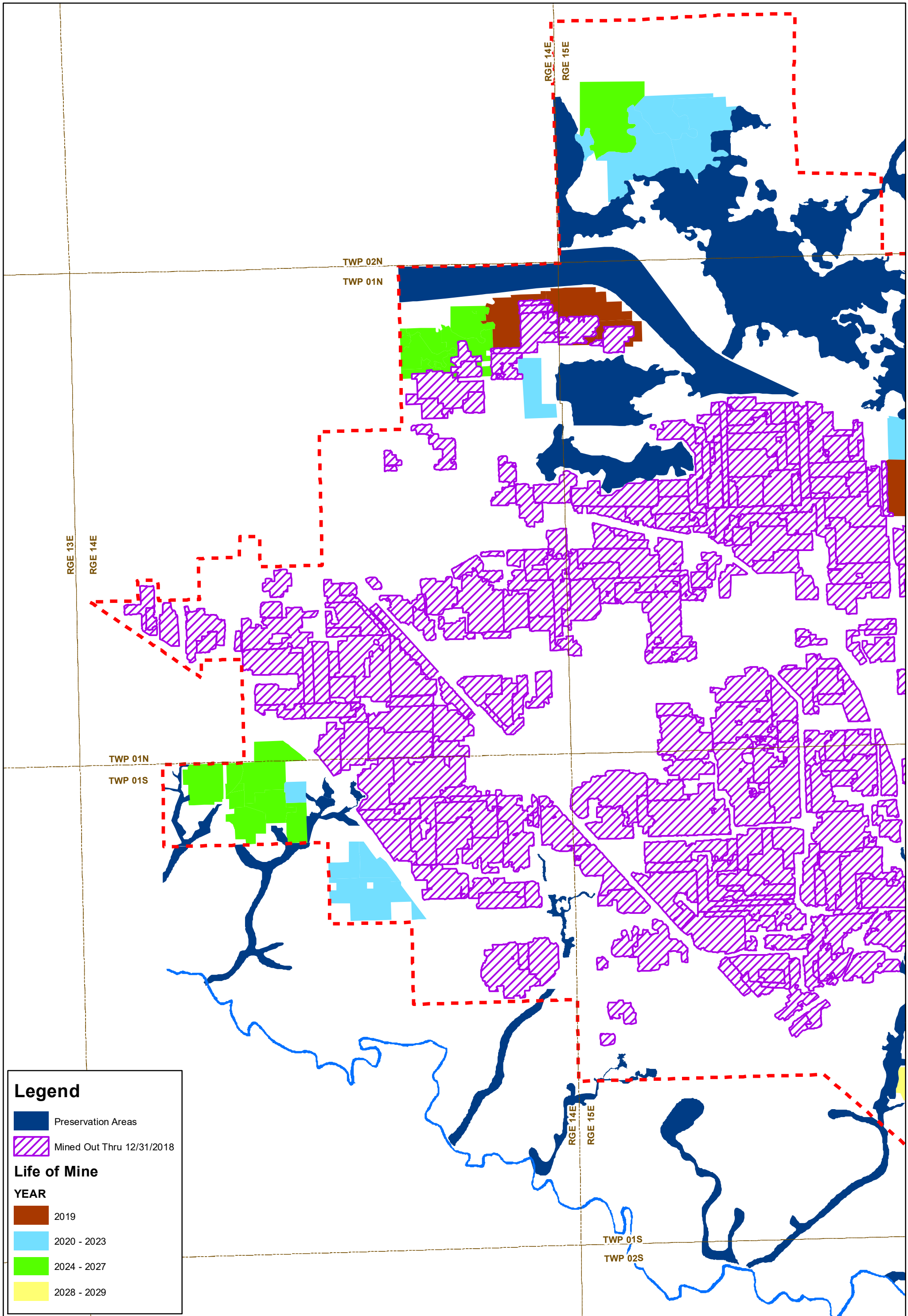
N

0 0.45 0.9 Miles



**MINED & DISTURBED AREAS
HAMILTON COUNTY MINE**

**MAP NO: VI-1
2 OF 2**



Legend

- Preservation Areas
- Mined Out Thru 12/31/2018

Life of Mine

YEAR

- 2019
- 2020 - 2023
- 2024 - 2027
- 2028 - 2029

- Suwannee River
- Project Boundary

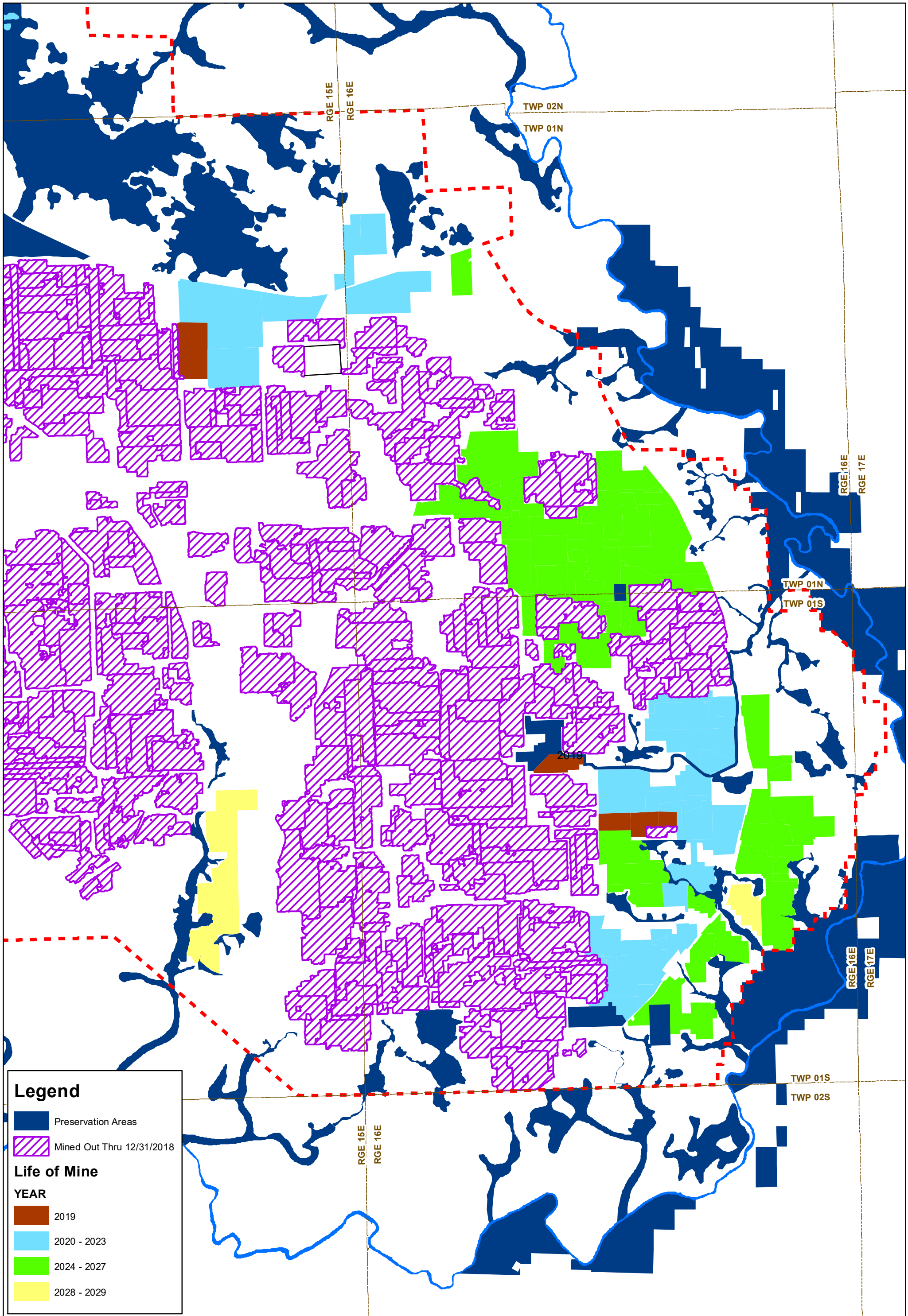
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**MINE PLAN WITH
PRESERVATION AREAS
HAMILTON COUNTY MINE**

**MAP NO: VI-2
1 OF 2**



Legend

- Preservation Areas
- Mined Out Thru 12/31/2018

Life of Mine

YEAR

- 2019
- 2020 - 2023
- 2024 - 2027
- 2028 - 2029

- Suwannee River
- Project Boundary

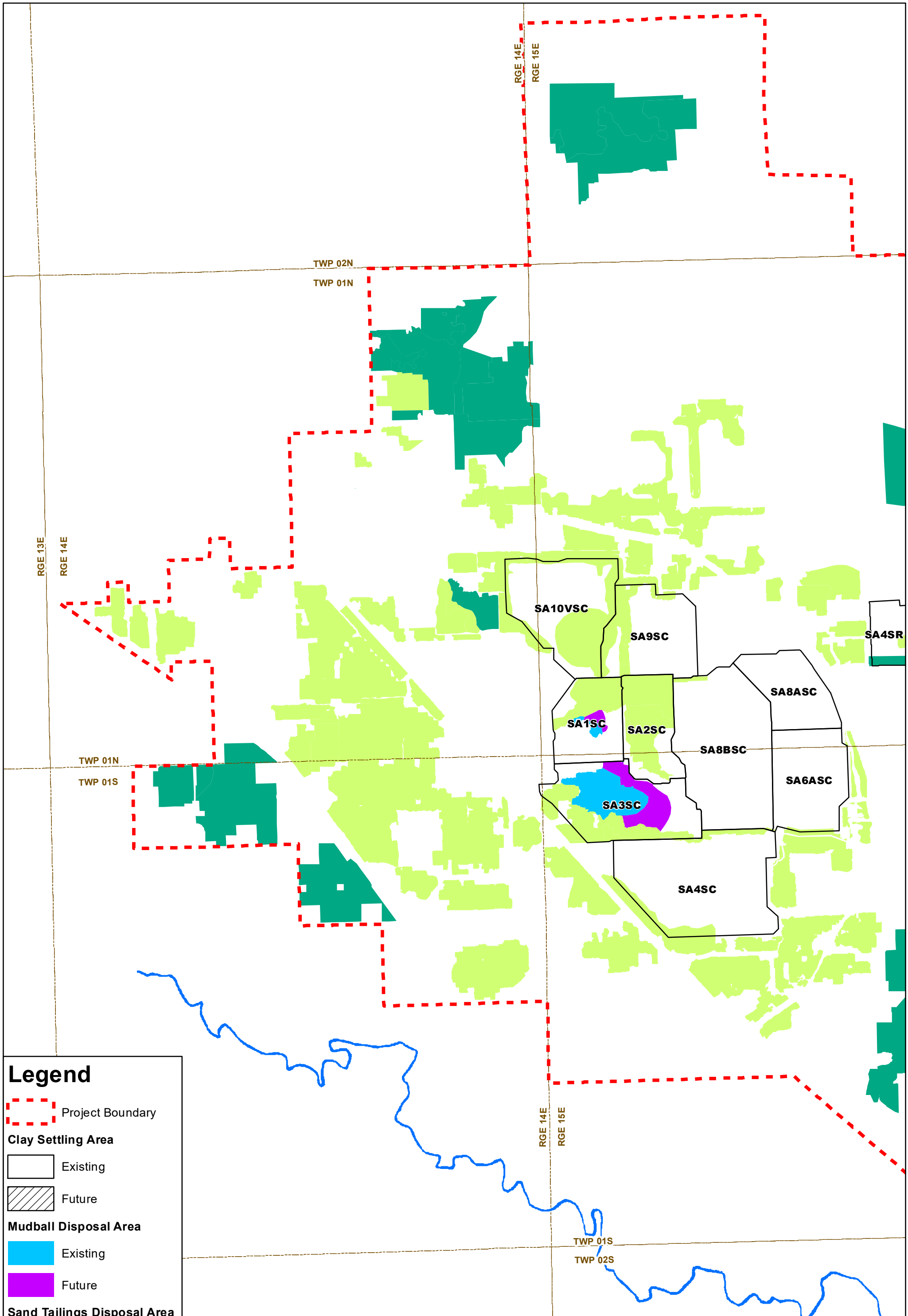
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0 0.45 0.9 Miles



**MINE PLAN WITH
PRESERVATION AREAS
HAMILTON COUNTY MINE**

**MAP NO: VI-2
2 OF 2**



Legend

- Project Boundary
- Clay Settling Area**
 - Existing
 - Future
- Mudball Disposal Area**
 - Existing
 - Future
- Sand Tailings Disposal Area**
 - Future
 - Existing

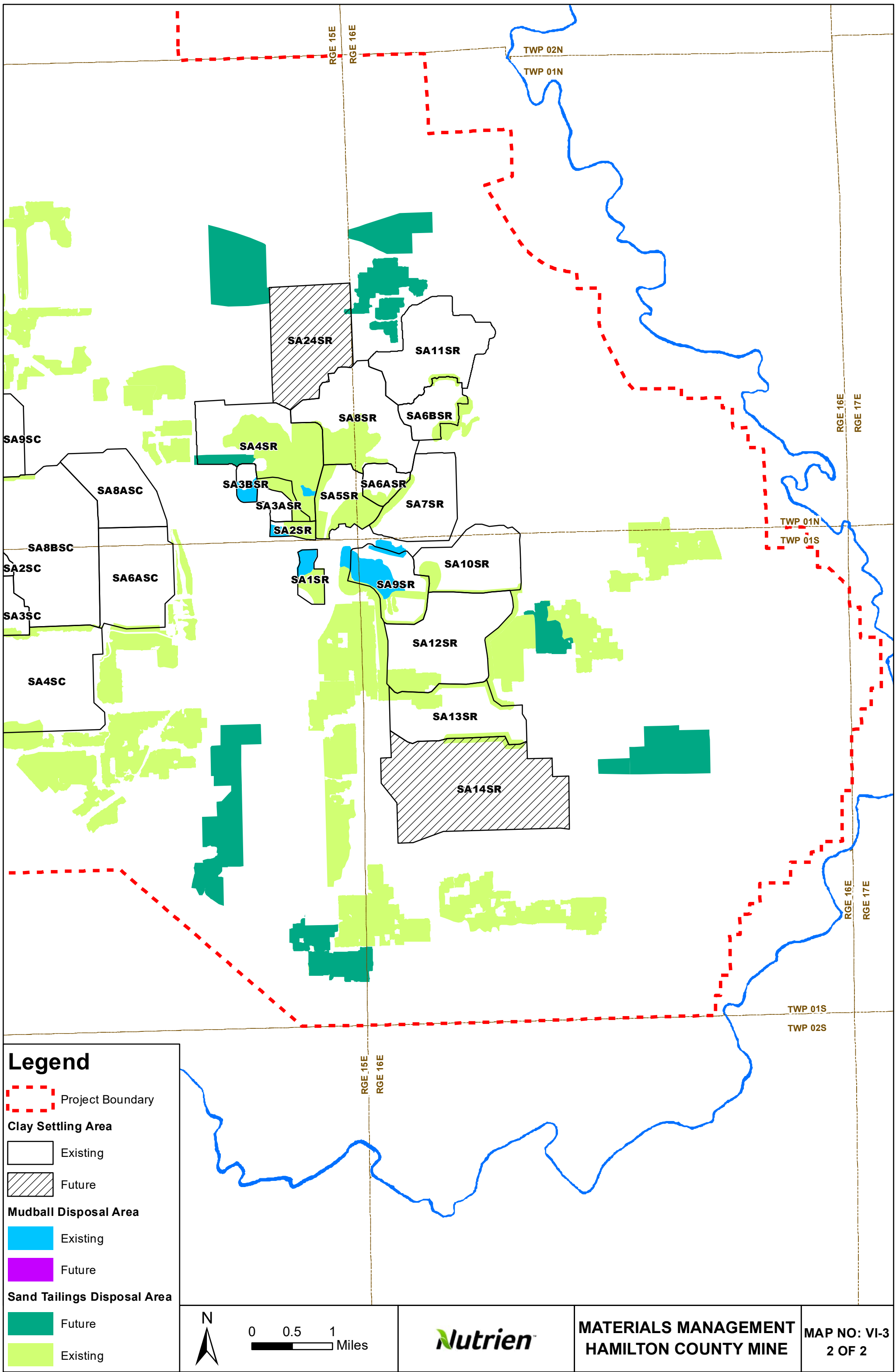
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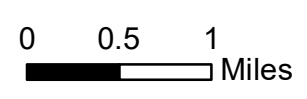
**MATERIALS MANAGEMENT
HAMILTON COUNTY MINE**

**MAP NO: VI-3
1 OF 2**



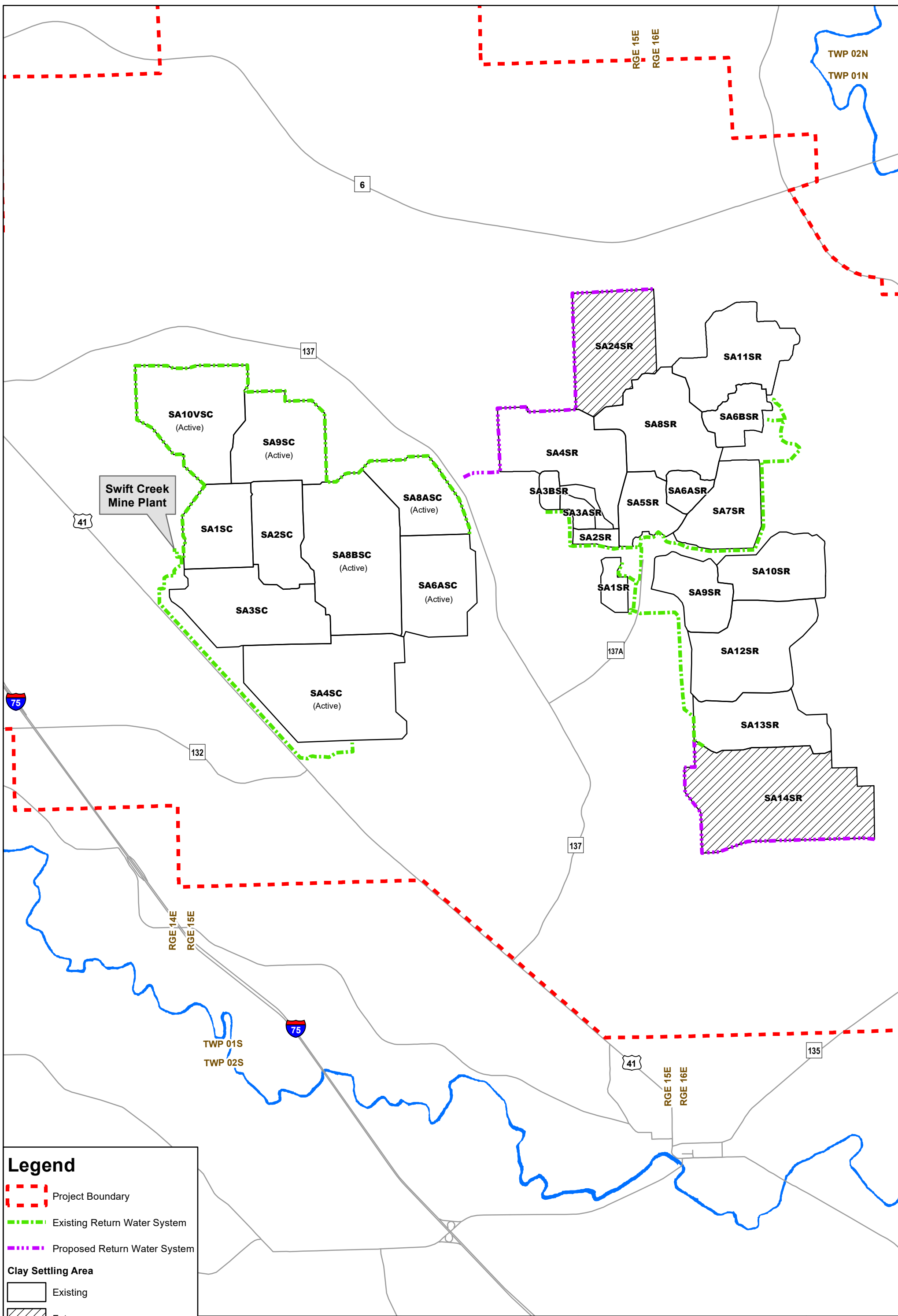
Legend

-  Project Boundary
- Clay Settling Area**
-  Existing
-  Future
- Mudball Disposal Area**
-  Existing
-  Future
- Sand Tailings Disposal Area**
-  Future
-  Existing



**MATERIALS MANAGEMENT
HAMILTON COUNTY MINE**

**MAP NO: VI-3
2 OF 2**



Legend

- Project Boundary
- Existing Return Water System
- Proposed Return Water System

Clay Settling Area

- Existing
- Future

- Major Roads - Statewide
- Suwannee River

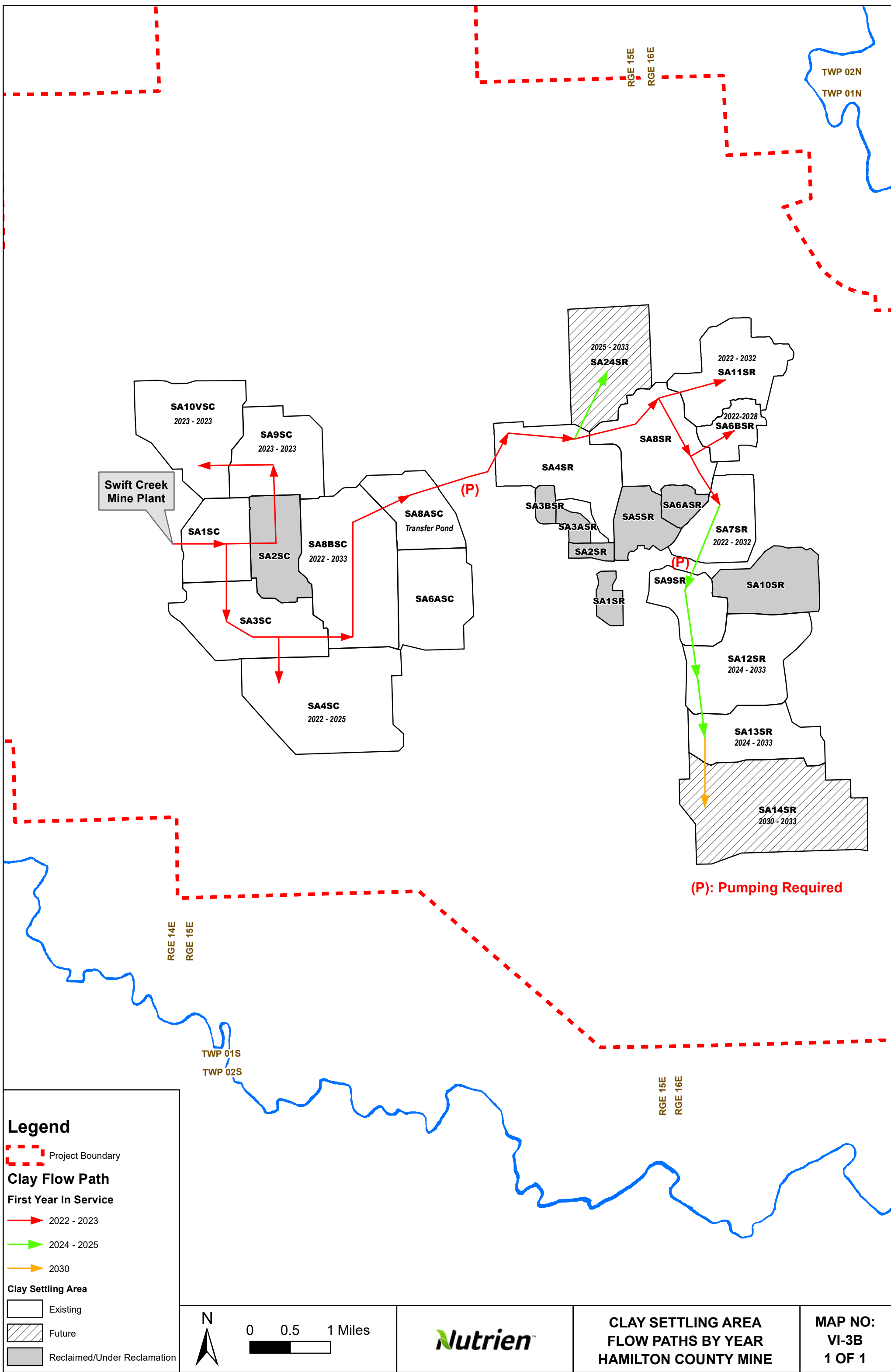
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0 0.5 1 Miles



**CLAY SETTLING AREAS & RETURN WATER SYSTEM
HAMILTON COUNTY MINE**

**MAP NO:
VI-3A
1 of 1**



Swift Creek Mine Plant

Legend

Project Boundary

Clay Flow Path

First Year In Service

2022 - 2023

2024 - 2025

2030

Clay Settling Area

Existing

Future

Reclaimed/Under Reclamation

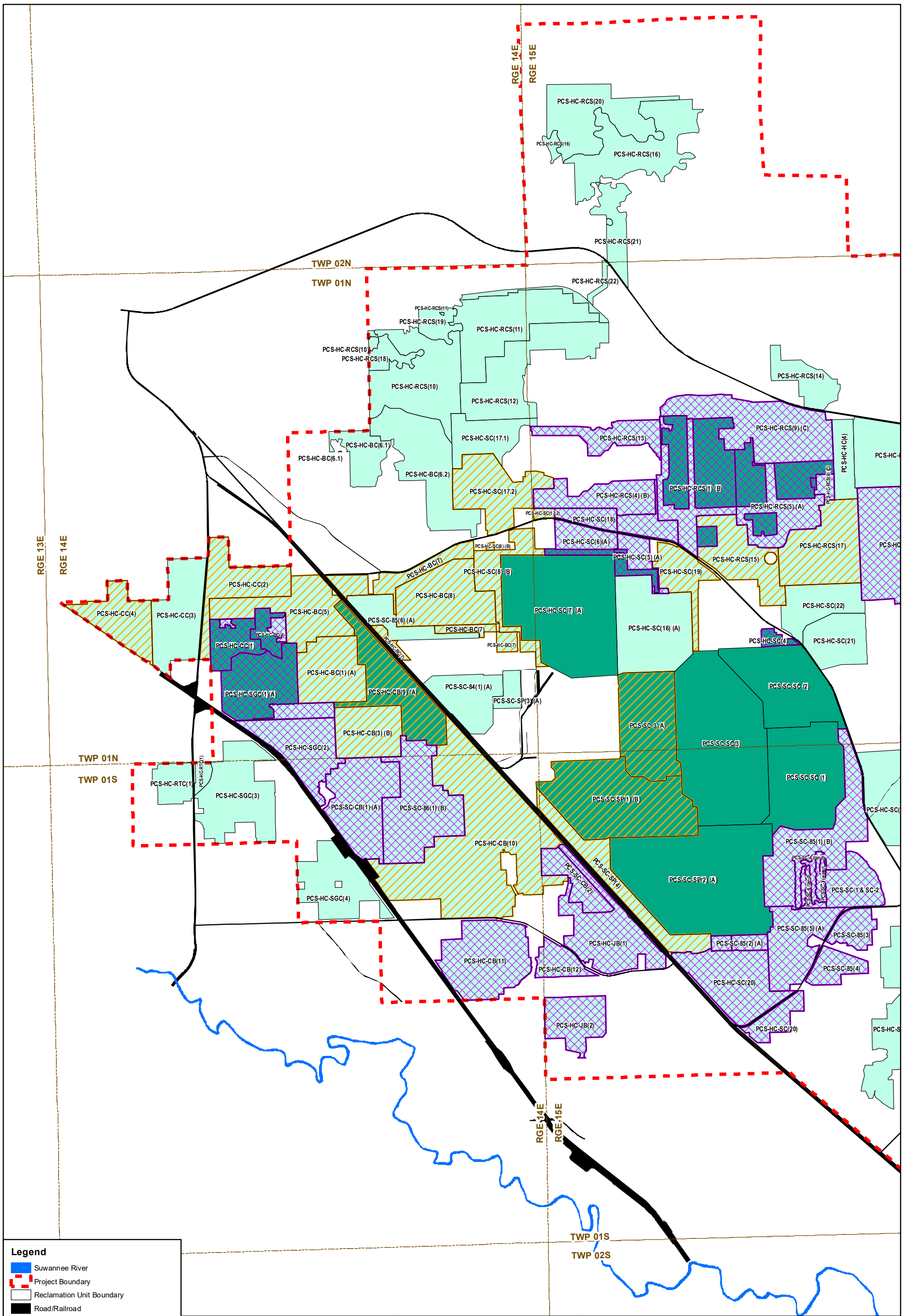
N

0 0.5 1 Miles



**CLAY SETTLING AREA
FLOW PATHS BY YEAR
HAMILTON COUNTY MINE**

**MAP NO:
VI-3B
1 OF 1**



Legend

- Suwannee River
- Project Boundary
- Reclamation Unit Boundary
- Road/Railroad
- Complete Through Revegetation
- Partially Complete Through Revegetation
- Existing Program Area**
- Alternate Standards
- Conventional Standards

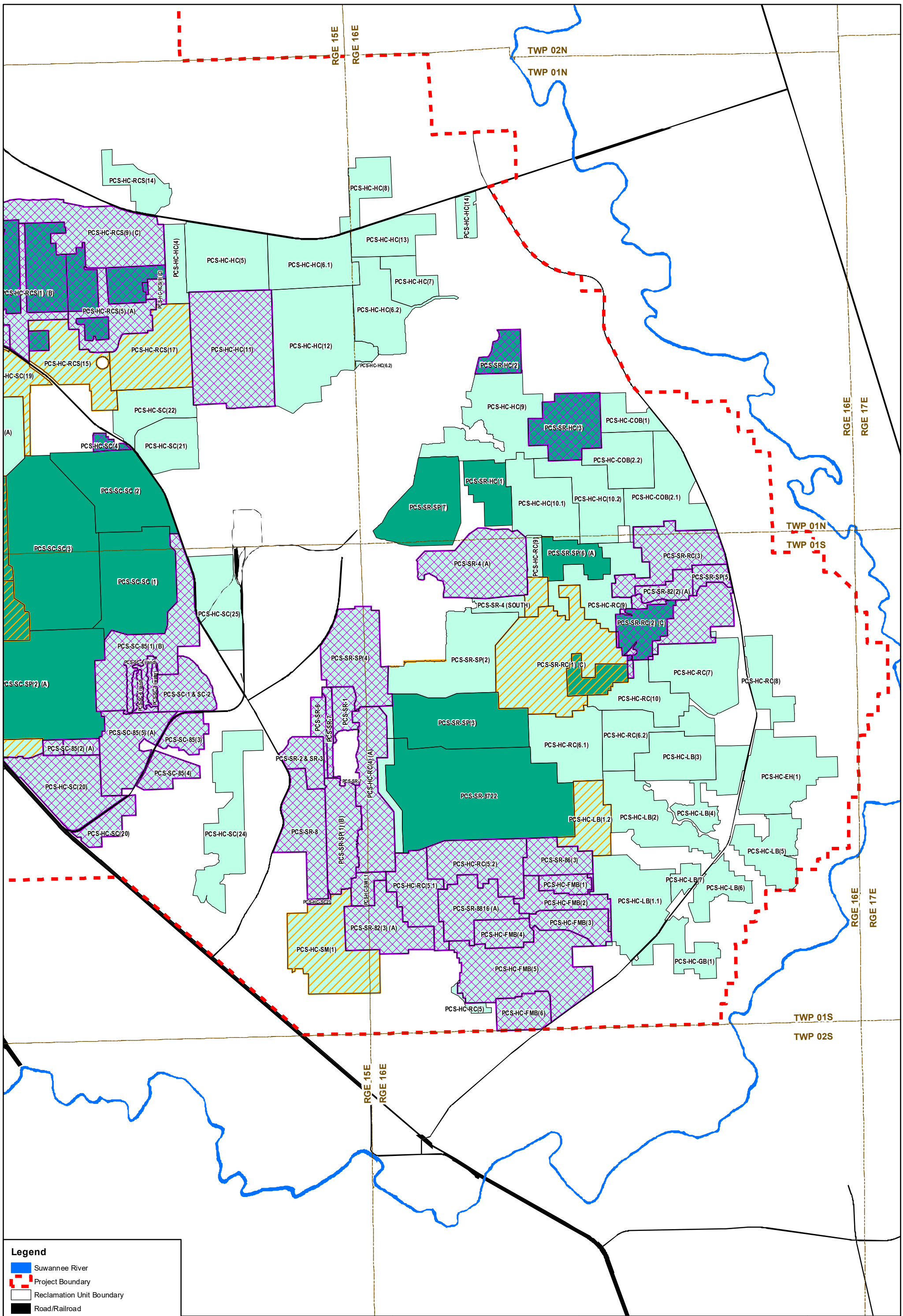
N

0 0.45 0.9 Miles











**PROGRAM AREAS &
RECLAMATION UNITS
HAMILTON COUNTY MINE**

**MAP NO:
VI-4
1 OF 2**




Legend

-  Suwannee River
-  Project Boundary
-  Reclamation Unit Boundary
-  Road/Railroad
-  Complete Through Revegetation
-  Partially Complete Through Revegetation
- Existing Program Area**
-  Alternate Standards
-  Conventional Standards

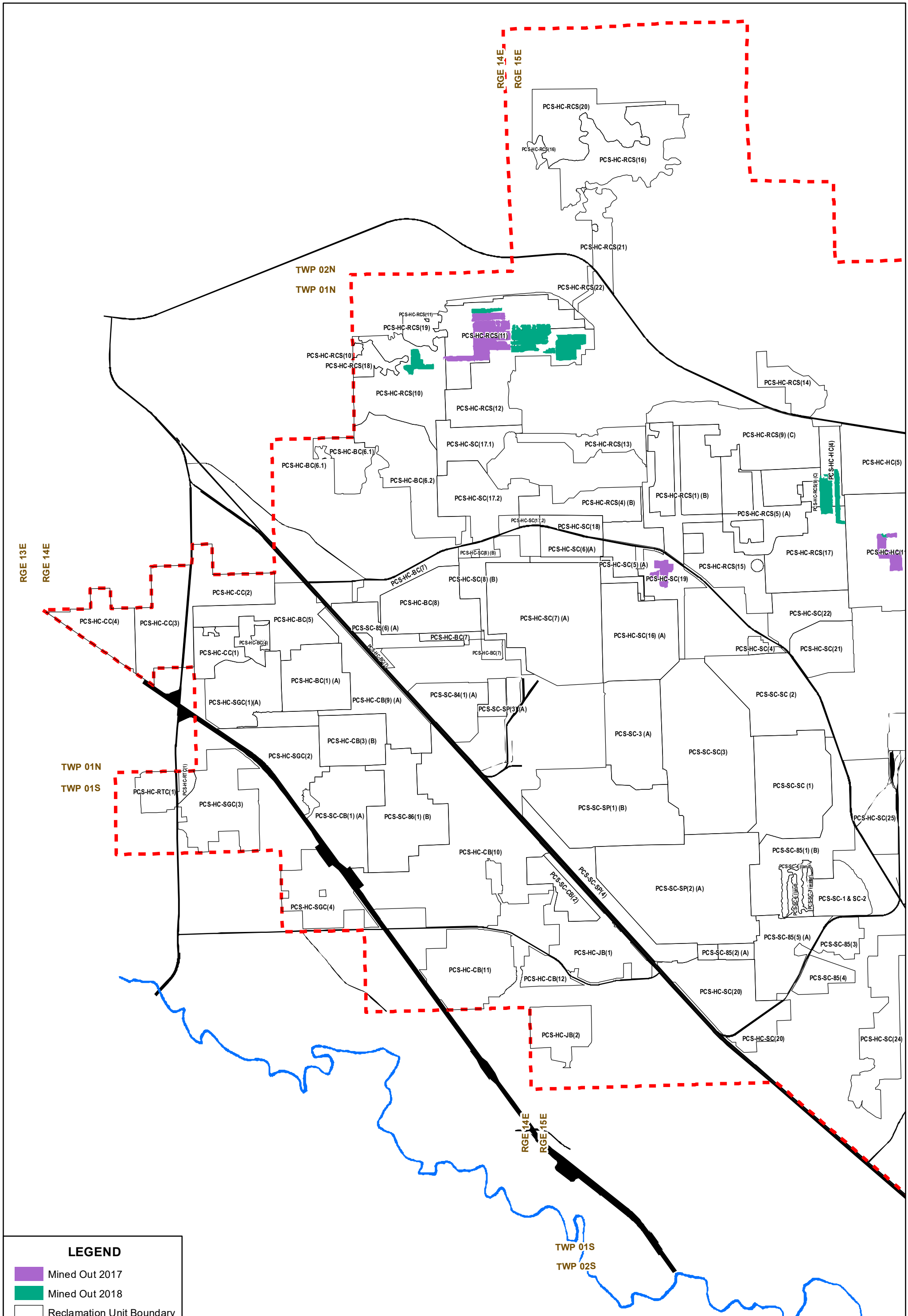
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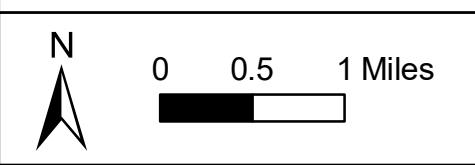

**PROGRAM AREAS &
RECLAMATION UNITS
HAMILTON COUNTY MINE**

**MAP NO:
VI-4
2 OF 2**



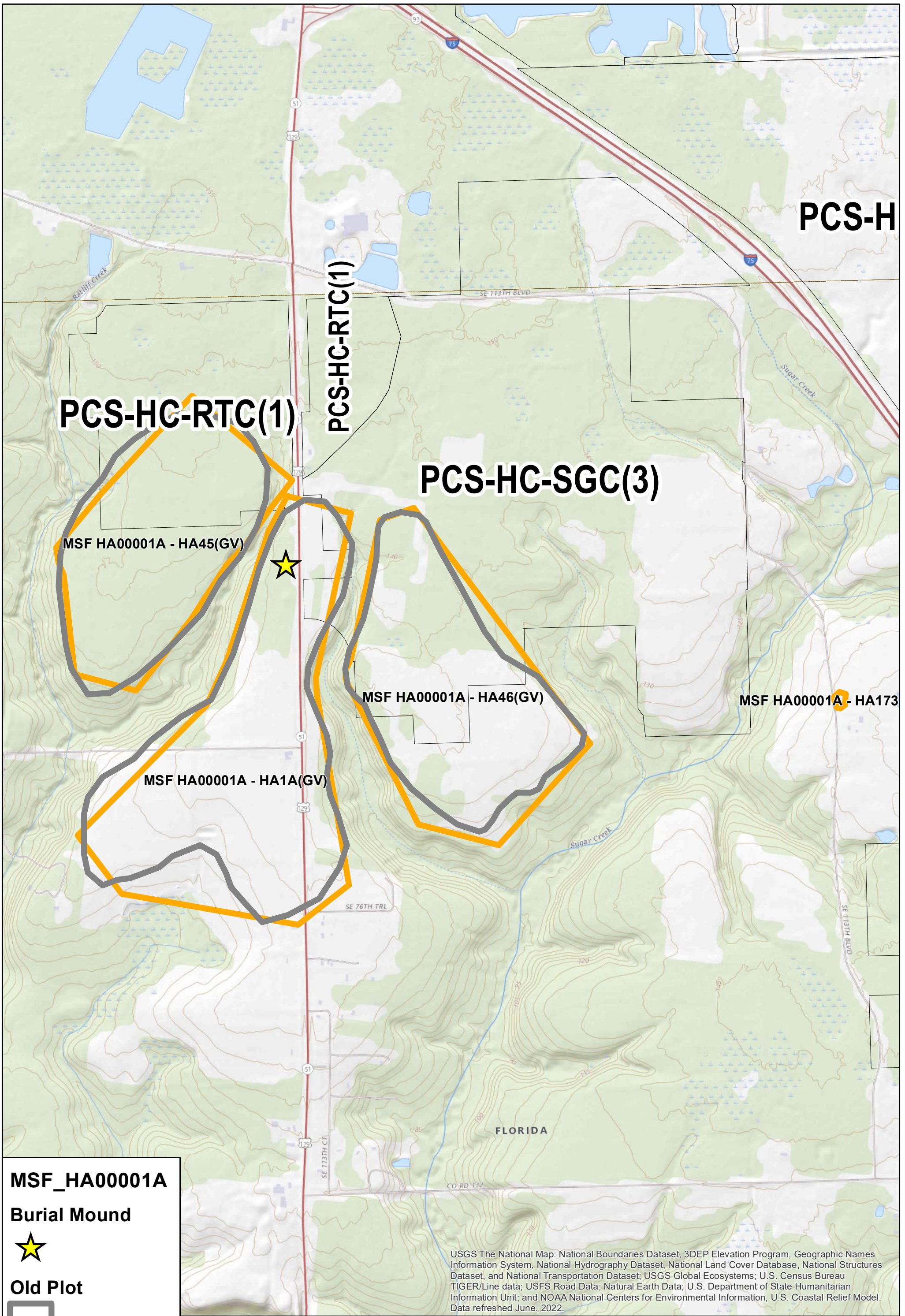
LEGEND

- Mined Out 2017
- Mined Out 2018
- Reclamation Unit Boundary
- Suwannee River
- Project Boundary
- Road/Railroad



**MINING ACTIVITY
SINCE 2016 MPPA
HAMILTON COUNTY MINE**

**MAP NO:
VI-4a
1 OF 2**



MSF_HA00001A

Burial Mound



Old Plot



New Plot



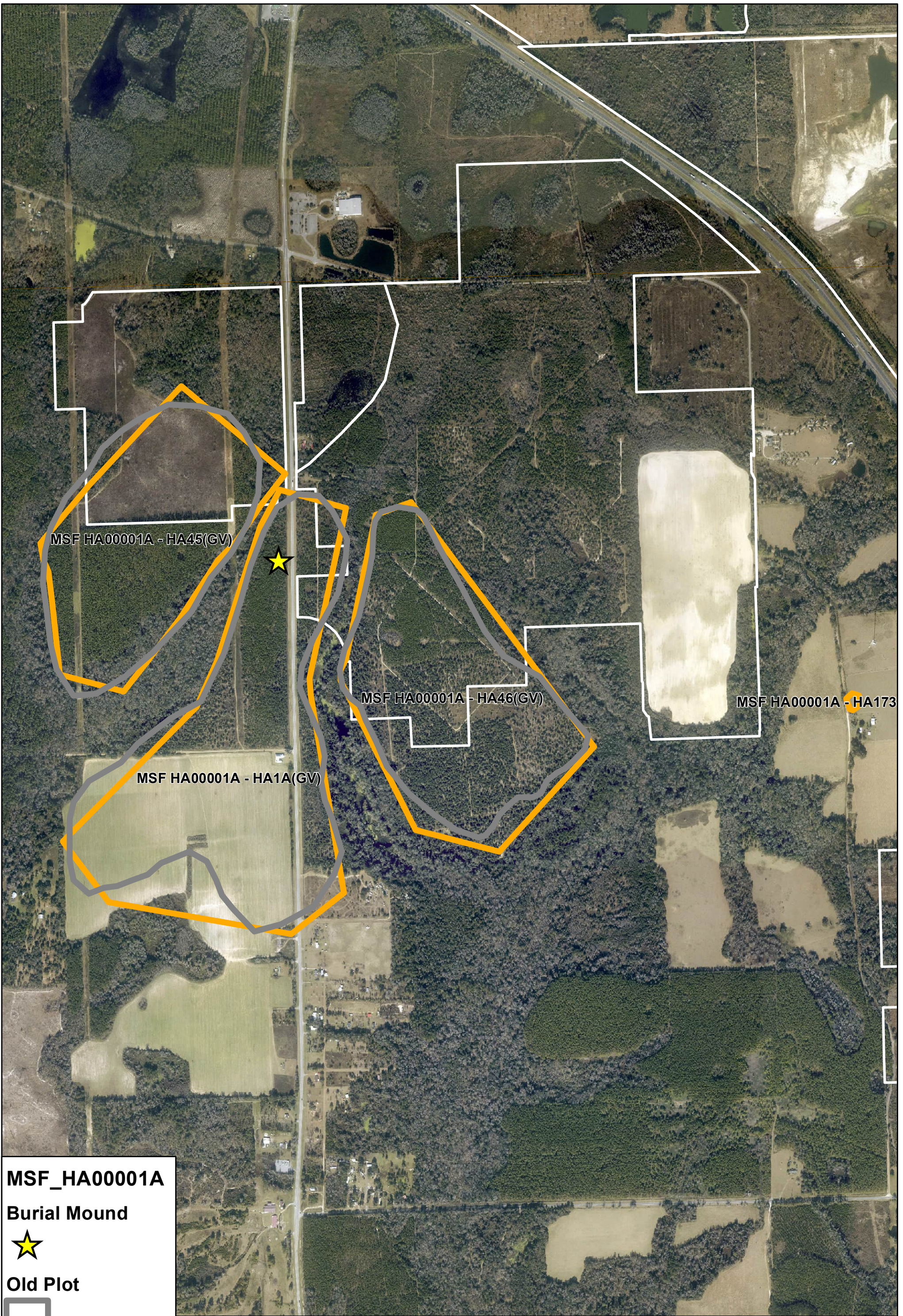
0 500 1,000 Feet



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road Data; Natural Earth Data; U.S. Department of State Humanitarian Information Unit; and NOAA National Centers for Environmental Information, U.S. Coastal Relief Model. Data refreshed June, 2022.

**ARCHAEOLOGICAL
LOCATION MAP
HAMILTON COUNTY MINE**

**ARCHAEO-
LOCATION
1 OF 1**

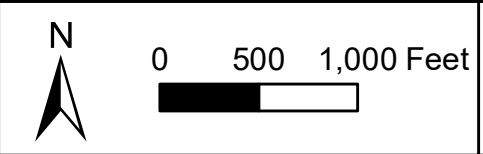


MSF_HA00001A

Burial Mound
★

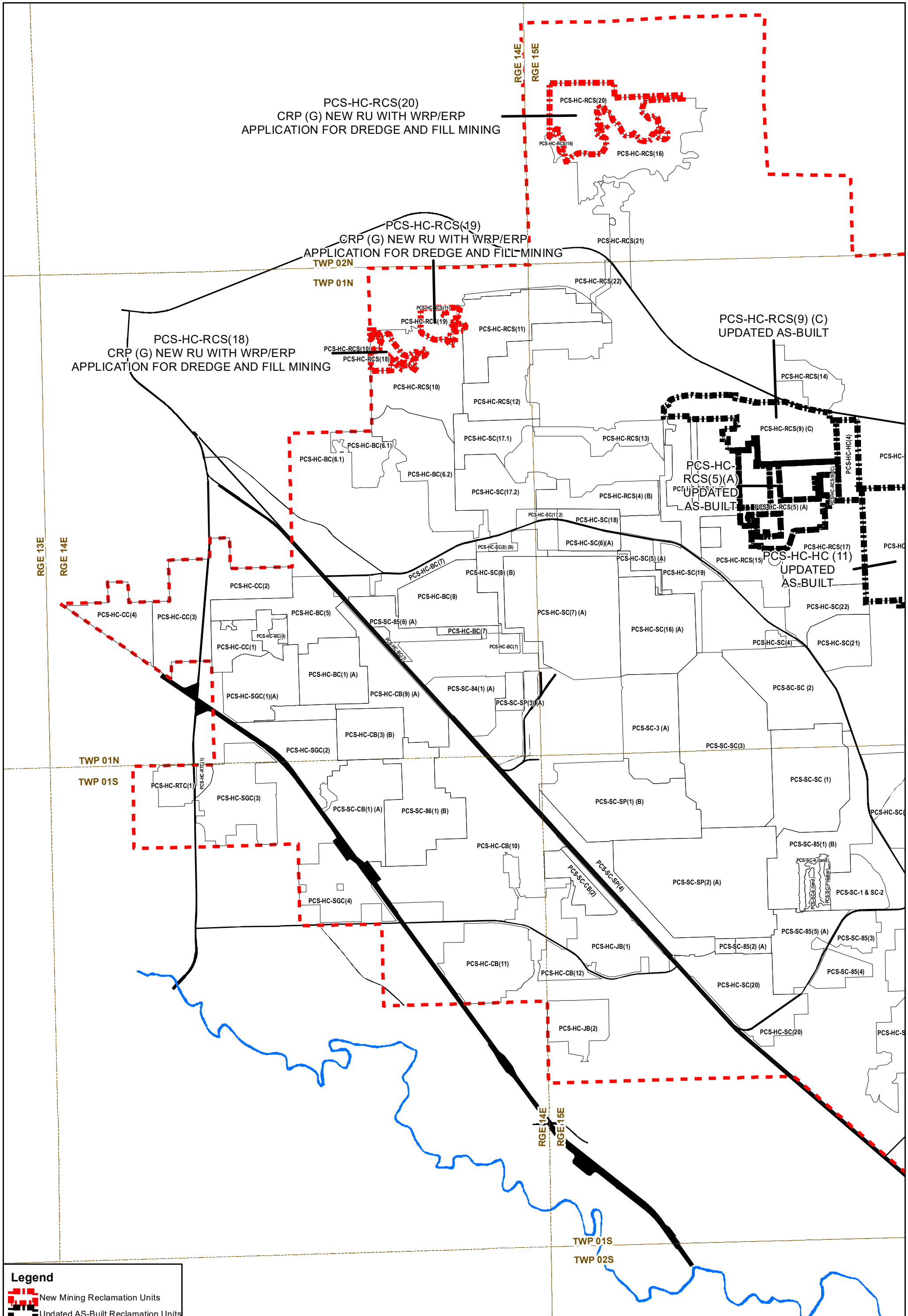
Old Plot
▭

New Plot
▭



**ARCHAEOLOGICAL FEATURES
AERIAL MAP
HAMILTON COUNTY MINE**

**ARCHAEO-
AERIAL
1 OF 1**



PCS-HC-RCS(20)
CRP (G) NEW RU WITH WRP/ERP
APPLICATION FOR DREDGE AND FILL MINING

PCS-HC-RCS(19)
CRP (G) NEW RU WITH WRP/ERP
APPLICATION FOR DREDGE AND FILL MINING

PCS-HC-RCS(18)
CRP (G) NEW RU WITH WRP/ERP
APPLICATION FOR DREDGE AND FILL MINING

PCS-HC-RCS(9) (C)
UPDATED AS-BUILT

PCS-HC-RCS(5) (A)
UPDATED AS-BUILT

PCS-HC-HC(11)
UPDATED AS-BUILT

Legend

- New Mining Reclamation Units
- Updated AS-Built Reclamation Units
- Reclamation Unit Boundary
- Suwannee River
- Project Boundary
- Road/Railroad

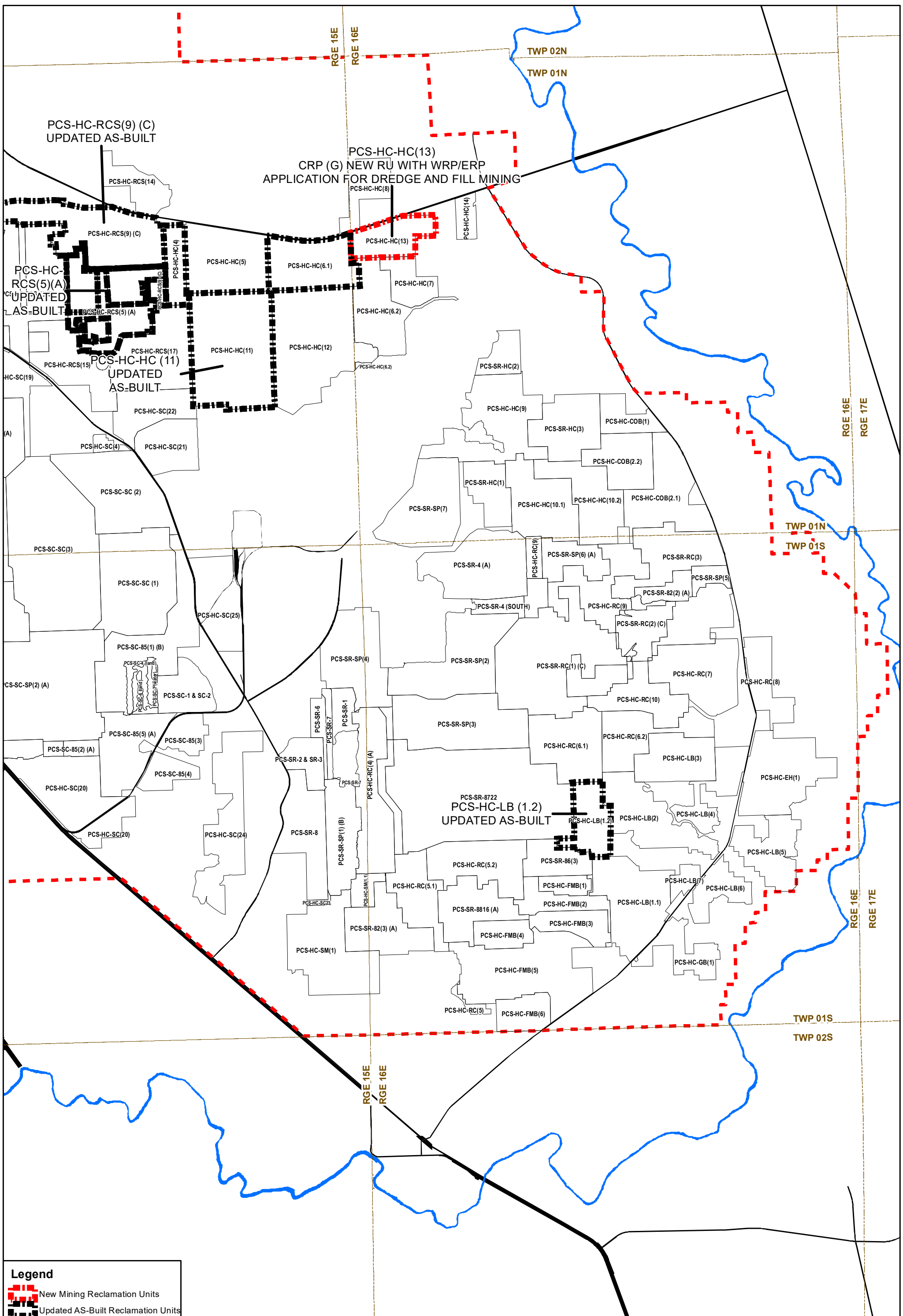
N

0 0.45 0.9 Miles



NEW MINING & UPDATED AS-BUILT RECLAMATION UNITS HAMILTON COUNTY MINE

LOCATION MAP 1 OF 2



Legend

- New Mining Reclamation Units
- Updated AS-Built Reclamation Units
- Reclamation Unit Boundary
- Suwannee River
- Project Boundary
- Road/Railroad



0 0.5 1 Miles



**NEW MINING & UPDATED
AS-BUILT RECLAMATION UNITS
HAMILTON COUNTY MINE**

**LOCATION
MAP
2 OF 2**