RIVER RIDGE

COMMUNITY DEVELOPMENT DISTRICT

July 25, 2023

BOARD OF SUPERVISORS

REGULAR MEETING AGENDA

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT

AGENDA LETTER

River Ridge Community Development District

OFFICE OF THE DISTRICT MANAGER
2300 Glades Road, Suite 410W●Boca Raton, Florida 33431
Phone (561) 571-0010●Fax (561) 571-0013●Toll-free: (877) 276-0889

July 18, 2023

ATTENDEES:
Please identify yourself each time you speak to facilitate accurate transcription of meeting minutes.

Board of Supervisors
River Ridge Community Development District

Dear Board Members:

The Board of Supervisors of the River Ridge Community Development District will hold a Regular Meeting on July 25, 2023 at 1:00 p.m., in the Sound Room at the River Club Conference Center (Second Floor of Fitness Center), 4784 Pelican Sound Boulevard, Estero, Florida 33928, and via Zoom at https://us02web.zoom.us/j/82086246862, Meeting ID: **820 8624 6862** or telephonically at **1-929-205-6099**, Meeting ID: **820 8624 6862.** The agenda is as follows:

1. Call to Order/Roll Call
2. Public Comments: Agenda Items *(5 minutes per speaker)*
3. Update: Premier Lakes, Inc. [Alex Kurth]
   - Discussion/Consideration of One-Time Work Order Agreement [Sound 9 Conservation Area Trimming]
4. Continued Discussion/Update: Reclaim Water/Three Oaks
5. Continued Discussion: Irrigation Supply Options
6. Continued Discussion: Safety Hazard Request Letter [Pelican Sound Dr. and Pelican Sound Blvd. Intersection]
7. Continued Discussion: Pedestrian Crosswalk
8. Consideration of First Amendment to the District Management Services Agreement for Lien Roll Services
9. Discussion: Fiscal Year 2024 Budget
   - Proposed Budget 2023-2029

10. Acceptance of Unaudited Financial Statements as of June 30, 2023
    A. Budget Variance
    B. Breakdown
11. Approval of June 27, 2023 Regular Meeting Minutes
    - Active Action and Agenda Items
12. Staff Reports
    A. District Counsel: *Woodward Pires & Lombardo, P.A.*
    B. District Engineer: *Hole Montes, Inc.*
    C. District Manager: *Wrathell, Hunt and Associates, LLC*
        I. Key Activity Dates
        II. NEXT MEETING DATE: August 22, 2023 at 1:00 PM [Fiscal Year 2024 Budget Adoption Hearing]
            - QUORUM CHECK

SEAT 1	JAMES (JIM) GILMAN	☐ IN PERSON	☐ PHONE	☐ NO
SEAT 2	BOB SCHULTZ	☐ IN PERSON	☐ PHONE	☐ NO
SEAT 3	KURT BLUMENTHAL	☐ IN PERSON	☐ PHONE	☐ NO
SEAT 4	TERRY MOUNTFORD	☐ IN PERSON	☐ PHONE	☐ NO
SEAT 5	BOB TWOMBLY	☐ IN PERSON	☐ PHONE	☐ NO

13. Supervisors' Requests and Public Comments *(5 minutes per speaker)*
14. Adjournment

Should you have any questions, please do not hesitate to contact me directly at (239) 989-2939.

Sincerely,

Cleo Adams
District Manager

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT

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One-Time Work Order Agreement

Customer Name: River Ridge CDD
Management Company (if applicable): Wrathell, Hunt, & Associates, LLC. Cleo Adams
Work Order Description: Sound 9 Conservation Area Trimming
Premier Lakes Consultant: Alex Kurth
Consultant Phone Number: 239-707-1575

This Agreement, dated **June 23rd, 2023**, is made by and between Premier Lakes, Inc., hereinafter known as "Premier Lakes" and **River Ridge CDD,** hereinafter known as "Customer".

Both Customer and Premier Lakes agree to the following terms and conditions:

1. **General Conditions:** Premier Lakes will provide the contract services enumerated below to the Customer in accordance with the terms and conditions of this Agreement, and Customer agrees to pay Premier Lakes for those services as enumerated below in accordance with the terms and conditions of this agreement.

2. **Service Area:** The "Service Area" is described as **Sound 9 Conservation Area - pictures displayed in "Exhibit A"**

3. **One-Time Services:** Premier Lakes will perform **trimming of tree's to the golf course turf line.**

4. **Payment Terms:** The total agreement amount of **$650.00** will be invoiced upon completion of services. Customer agrees to pay Premier Lakes within thirty (30) days of the invoice. If customer fails to pay any invoice within sixty (60) days of the invoice date, then a service charge of 1% per month (12% per annum) will be charged to customer by Premier Lakes on balances not paid with the sixty (60) days.

5. **Forms of Payment:** Premier Lakes accepts payment by Check, ACH, Debit, and Credit Cards.

6. **Credit & Debit Card Fees:** Premier Lakes will charge customer a 3% processing fee for invoices paid by Credit or Debit card.

7. **Contract Void Ab Initio:** This contract will be void ab initio if Premier Lakes, in its sole discretion, determines that the condition of Service Area has materially declined between the date of this Agreement and commencement date of the Agreement. If

Premier Lakes commences services under this Agreement, then this paragraph will not apply.

8. **Force Majeure:** Premier Lakes shall not be liable for any delay in performing the Services, nor liable for any failure to provide the Services, due to any cause beyond its reasonable control.

9. **Enforcement and Governing Law:** A default by either Party under this agreement shall entitle the other Party to all remedies available at law or in equity, which shall include, but not be limited to, the right to damages and injunctive relief under Florida law.

10. **Safety:** Premier Lakes agrees to use its best efforts and specialized equipment, products and procedures to provide safe and effective results hereunder, and Premier Lakes will use all due care to protect the property of the Customer. Premier Lakes will not be liable for damage to plants on account of disease, pestilence, flood, weather or any other means unrelated to Premier Lakes activities. In addition, some collateral damage to beneficial plants might be necessary in order to treat nuisance plants. Premier Lakes will use its best efforts and professional expertise to limit any damage to beneficial plants, but in no event will Premier Lakes be liable for collateral damage that is less than ten percent (10%) of the beneficial plant population.

11. **Insurance:** Premier Lakes will maintain general liability and other insurances as necessary given the scope and nature of the services. Premier Lakes will be responsible for those damages, claims, causes of action, injuries or legal costs to the extent of its own direct negligence or misconduct. In no event will any party to this agreement be liable to the other for incidental, consequential or purely economic damages.

12. **E-Verify:** Premier Lakes utilizes the federal E-Verify program in contracts with public employers as required by Florida State Law, and acknowledge all the provisions of Florida Statute 448.095 are incorporated herein by reference and hereby certifies it will comply with the same.

13. **Limited Offer:** This proposal expires sixty (60) days from the issuance date unless modified in writing by Premier Lakes.

Total Agreement Amount: $650.00

Accepted and Approved:

River Ridge CDD

Signature:

Printed Name:

Title:

Date:

Customer Address for Notice Purposes:

Premier Lakes, Inc.

Signature: Alex Kurth

Name: Alex Kurth

Title: President

Date: 06/23/2023

Please Remit All Payments & Contracts to: P.O. Box 3483, North Fort Myers, FL 33918

Exhibit A

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT

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PO Box 545
Alva, FL 33920
Office: 239-694-5759
Fax: 239-694-5214
mandy@labellewelldrilling.com

Estimate / Contract

Date	Contract #
6/26/2023	10845

Name / Address
Pelican Sound 4569 Pelican Sound Blvd Estero, FL 33928

DESCRIPTION	Rate	Quantity	Total
Jobsite: Pelican Sound - Estero			
12" Commercial Irrigation Well Lower Hawthorne Aquifer Approximate Cased Depth 500' Approximate Total Depth 650' Includes Site Prep and Mud Removal	139,850.00	1	139,850.00
Lee County Well Construction Permit* *Water Use Permit Shall be Provided by Others	475.00	1	475.00
75hp 1000gpm Submersible Pump and Motor Installation - Includes the following items: - 6" Certalok Drop Pipe - Submersible Pump Wire - SS Safety Cable - Mag Starter - SS Flange - 6" Flow Meter *This price does not include and discharge piping to lake, adequate electrical source power (480V Three Phase) shall be provided by others at the well location.	72,992.00	1	72,992.00

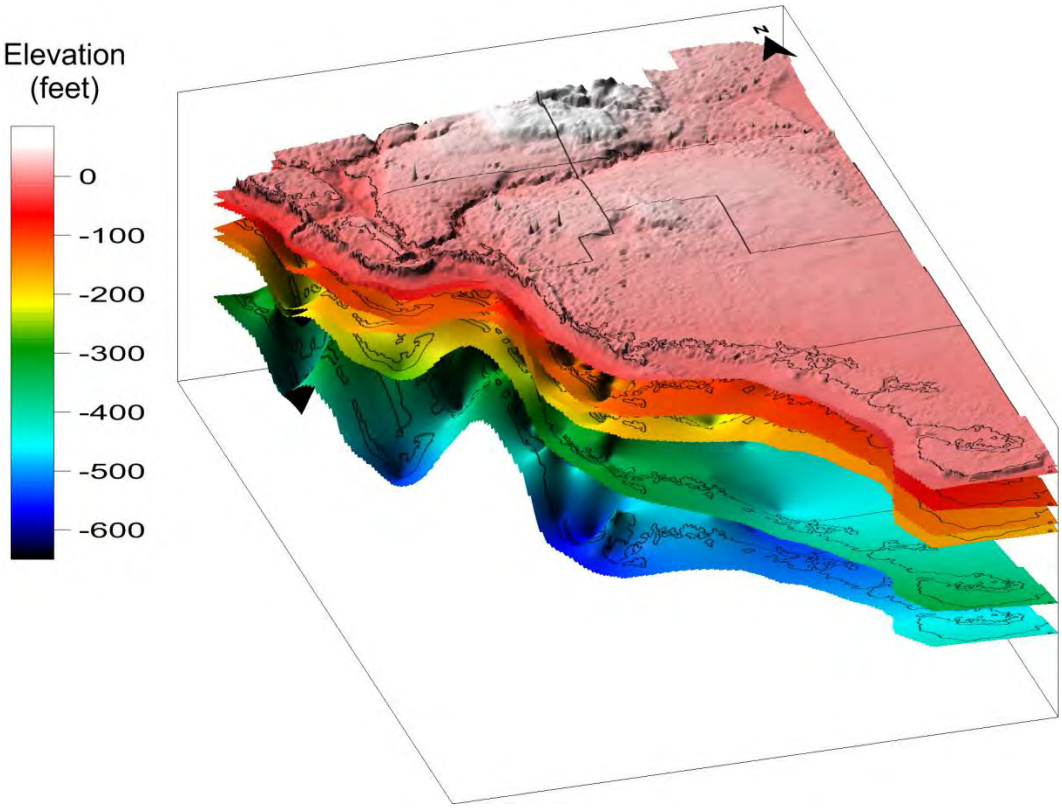
PLEASE READ
WE DO NOT GUARANTEE WATER QUALITY OR QUANTITY

Flat, level, dry ground with easy access shall be provided by the Owner. Labelle Well Drilling will make every effort possible not to damage sidewalks, driveways, or curbing while gaining access and during drilling operations. We will lay rubber mats over these surfaces to avoid damage, however please note that damage can still occur. LWD can repair any damage that could occur at an additional cost to the Owner. County Permit included. If LWD is providing pump installation the Owner is responsible to provide adequate electric hook-up according to pump specifications. Payment for work is due at time of completion of each service. Late fees will be added to any past due balances. Late payment will void any and all warranty. Please be advised LWD reserves the right to repossess any and all equipment for non-payment. LWD will provide a Certificate of Insurance upon request. Please be advised if you require any additional insurance requirements beyond LWD's Limits such as special endorsements, be advised that additional charges may be incurred to you for those endorsements. If you do not agree to these terms please do not sign below. By signing this contract / estimate you agree to all terms. Permit Fees are Non-Refundable. Pricing on contract is good for 14 days from date of contract and are subject to change even after signature of contract. We accept Credit Cards (Visa and Mastercard), Check or Cash. There will be a 3% fee of the total contract price charged on all Credit Transactions. By signing this contract you authorize Mandy Caylor of Labelle Well Drilling to sign on your behalf for the purpose of recording a Notice of Commencement and permit issuance for your project.

Owner Signature	Date:	TOTAL	$213,317.00

Hydrogeologic Unit Mapping Update for the Lower West Coast Water Supply Planning Area

Technical Publication WS-35



Elizabeth Geddes, Emily Richardson P.G., and Anne Dodd P.G.
Water Supply Bureau, Water Resources Division
South Florida Water Management District
West Palm Beach, Florida

August 2015

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Acknowledgements

The authors would like to thank and acknowledge the Lower West Coast Modeling Stakeholders and the Southwest Florida Water Management District (SWFWMD), who contributed and provided comments, advice, information, and assistance throughout the development of this product. The authors would especially like to recognize the following individuals from the South Florida Water Management District who provided significant support and guidance.

Project manager:
Laura Kuebler

Project and management support:
Mark Elsner
Linda Hoppes
Peter Kwiatkowski
Rama Rani
Bob Verrastro
Cynthia Gefvert
Steve Krupa
Dean Powell
Karin Smith
Kevin Rodberg

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Contents

Figures

Tables

Acronyms and Abbreviations

DBHYDRO	South Florida Water Management District's hydrometeorologic, water quality, and hydrogeologic data retrieval system
DHI	DHI Water and Environment, Inc.
ePermitting	South Florida Water Management District's database containing data related to environmental resources, consumptive water use, and nutrient source controls/Works of the District permits
H1	Upper Hawthorn confining unit
H2	Mid-Hawthorn confining unit
H3	Lower Hawthorn confining unit
HM	Mid-Hawthorn aquifer
IAS	intermediate aquifer system
LT	Lower Tamiami aquifer
LWC Planning Area	Lower West Coast Planning Area
LWCSAS	Lower West Coast Surficial Aquifer System Model
LWCSIM	Lower West Coast Surficial Aquifer System and Intermediate Aquifer System Model
NGVD	National Geodetic Vertical Datum of 1929
RegDB	South Florida Water Management District's regulatory database that includes data on monitoring and water supply wells associated with water use permits
S1	carbonate zone of the Sandstone aquifer
S2	clastic zone of the Sandstone aquifer
SA	Sandstone aquifer
SAS	surficial aquifer system
SFWMD	South Florida Water Management District
SWFWMD	Southwest Florida Water Management District
TC	Tamiami confining unit
WRS	Water Resources Solutions, Inc.,
WT	water table aquifer

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1
Introduction

The Lower West Coast (LWC) Planning Area Hydrogeology Project was conceived to update and refine the understanding of the hydrogeology of the South Florida Water Management District's (SFWMD) LWC Planning Area and the adjoining C-139 Basin in the Lower East Coast Planning Area. **Figure 1** shows the SFWMD boundary in relation to neighboring water management districts and the planning areas within SFWMD. **Figure 2** shows the area where data were evaluated in order to update the regional hydrogeology.

The objectives of this study were to create regional hydrogeologic maps including contour maps showing unit surfaces and thicknesses, and cross-sections representative of both the surficial aquifer system (SAS) and intermediate aquifer system (IAS). The maps, source data, and metadata used to generate these products will be archived in a manner suitable for model implementation and regulatory use in a publically accessible format. The results will be incorporated into the forthcoming Lower West Coast Surficial Aquifer System and Intermediate Aquifer System Model (LWCSIM), which will evaluate the potential impact of existing and projected groundwater withdrawals in all SAS and IAS aquifers within the region over the next several decades. Its implementation is included as a recommendation within the *2012 Lower West Coast Water Supply Plan Update* (SFWMD 2012) for the need to better understand the SAS and IAS in order to meet future water supply needs.

The previous regional model update was the Lower West Coast Surficial Aquifer System (LWCSAS) model, completed in 2006 (Marco Water Engineering, Inc. and Ecology and Environment, Inc. 2006). Sources for the hydrogeologic data included SFWMD, Florida Geological Survey, United States Geological Survey, Florida Bureau of Oil and Gas, consulting reports, and Water Resources Solutions, Inc. internal files. Water use permit data were also utilized on a limited basis. At that time, of the 2,026 wells in the SFWMD DBHYDRO database, 203 had depth information for the tops of aquifers. Prior data collection and analyses performed by Water Resources Solutions, Inc. (WRS) and DHI Water and Environment, Inc. (DHI) were used by BEM Systems, Inc. (2003) in a SFWMD study. In collaboration with EarthFX, BEM Systems, Inc. conducted a comprehensive review of the WRS/DHI database and associated analyses and new surfaces were developed. Aquifer performance test data and hydrogeologic formation selections were subsequently added to DBHYDRO, SFWMD's hydrometeorologic, water quality, and hydrogeologic data retrieval system, for verified well locations.

For the LWCSAS model, lithostratigraphic surfaces (using lithostratigraphy as a surrogate for hydrogeology) of the water table aquifer, Bonita Springs Marl and Caloosahatchee Clay confining zones, and Lower Tamiami aquifer of the SAS were created. The model also

included the upper portion of the intermediate confining unit and IAS, the Sandstone aquifer, and associated upper and basal confining layers, where present. That study did not include the Mid-Hawthorn aquifer or the Lower Hawthorn confining unit.

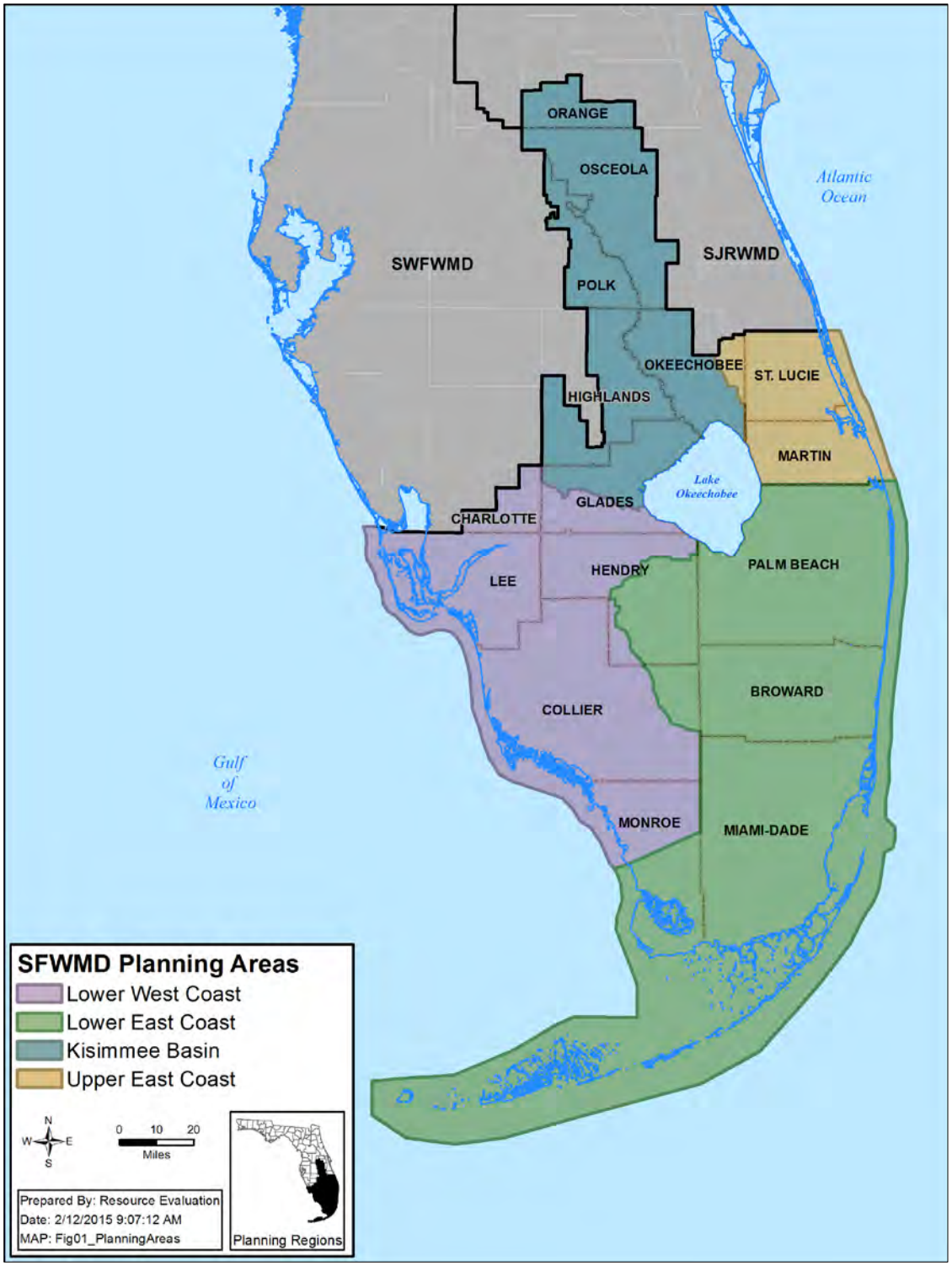

Figure 1. SFWMD planning areas.

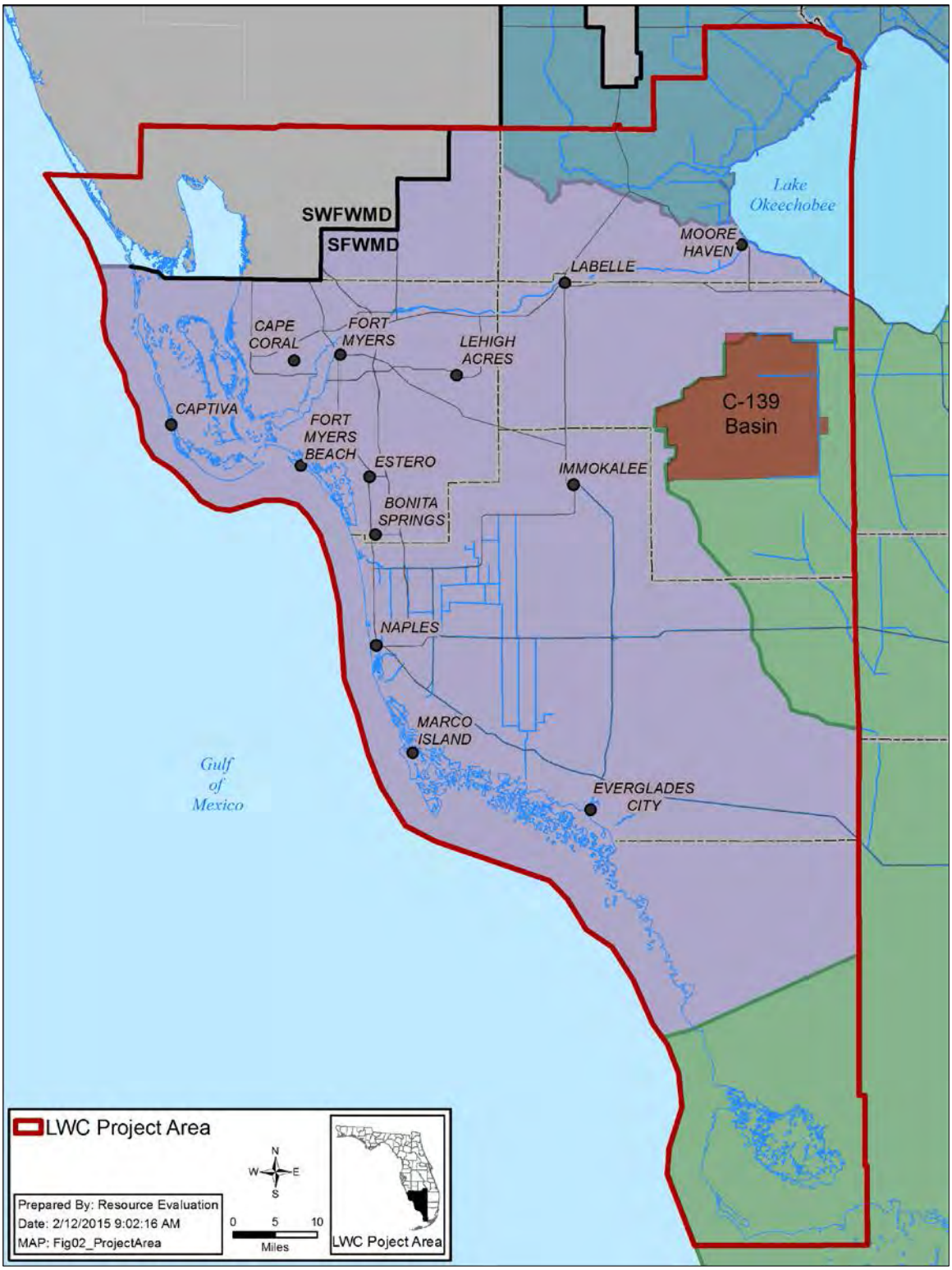

Figure 2. The LWC Hydrogeology Project area.

In contrast to the LWCSAS model, the current project is based on hydrogeologic data. The hydrogeologic approach is more useful for modeling purposes because hydrogeologic zones are not always equivalent to the lithostratigraphic zones. The hydrogeologic approach allows for greater precision in defining one or more aquifer units within a given lithostratigraphic zone and also identifies where hydrogeologic units cross lithostratigraphic boundaries. Although the hydrogeologic approach reduced the size of the data set from BEM Systems, Inc., there was more confidence in the applicability of the data to the current project. The current hydrogeologic update also includes the Mid-Hawthorn aquifer and Lower Hawthorn confining unit, which were excluded from the LWCSAS model. The current LWC Planning Area hydrogeology update also includes additional data that has become available in the past decade.

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Geologic and Hydrogeologic Conceptual Framework

Southwest Florida is underlain by three aquifer systems: the surficial aquifer system (SAS), the IAS, and the Floridan aquifer system. In the LWC Planning Area, the SAS consists of the water table aquifer and the Lower Tamiami aquifer. The Sandstone and Mid-Hawthorn aquifers comprise the IAS. The Floridan aquifer system underlies the IAS and was not mapped as part of this study. **Figure 3** shows the generalized geology and hydrogeology in the project area.

LITHOLOGY AND STRATIGRAPHY

In descending order, the stratigraphic units of significance to this investigation are the undifferentiated Holocene/Pleistocene sediments, the Tamiami Formation, and the Peace River and Arcadia Formations of the Hawthorn Group (**Figure 3**). The lithology of the undifferentiated surficial sediments is highly variable. Medium- to fine-grained quartz sand, fossils, clays, and some freshwater limestone and marl are present within this unit. These extend to the top of the Tamiami confining unit, or, where absent, the top of the Ochopee Limestone of the Tamiami Formation. In a few areas, the Tamiami Formation is entirely absent and the surficial sediments rest directly on top of the Peace River Formation. The undifferentiated surficial sediments grade into the Anastasia Formation to the east and into the Miami Limestone to the south (Bryan et al. 2013).

The Tamiami Formation is composed of two units and nine members—none of which are present throughout the entire project area. The upper confining unit is predominantly marl, and the lower water-bearing member is the Ochopee Limestone. This unit is approximately equivalent to the Gray Limestone aquifer, located in the extreme eastern portion of the study area (Reese and Cunningham 2000). Lithology of this unit varies from fine- to coarse-grained sand and fossiliferous limestone (Scott 2001). The presence of these two units varies spatially, and the Ochopee is absent in much of southwestern Hendry and northeastern Monroe counties. The confining unit is thicker in these areas and in portions of southwestern Lee and northwestern Collier counties.

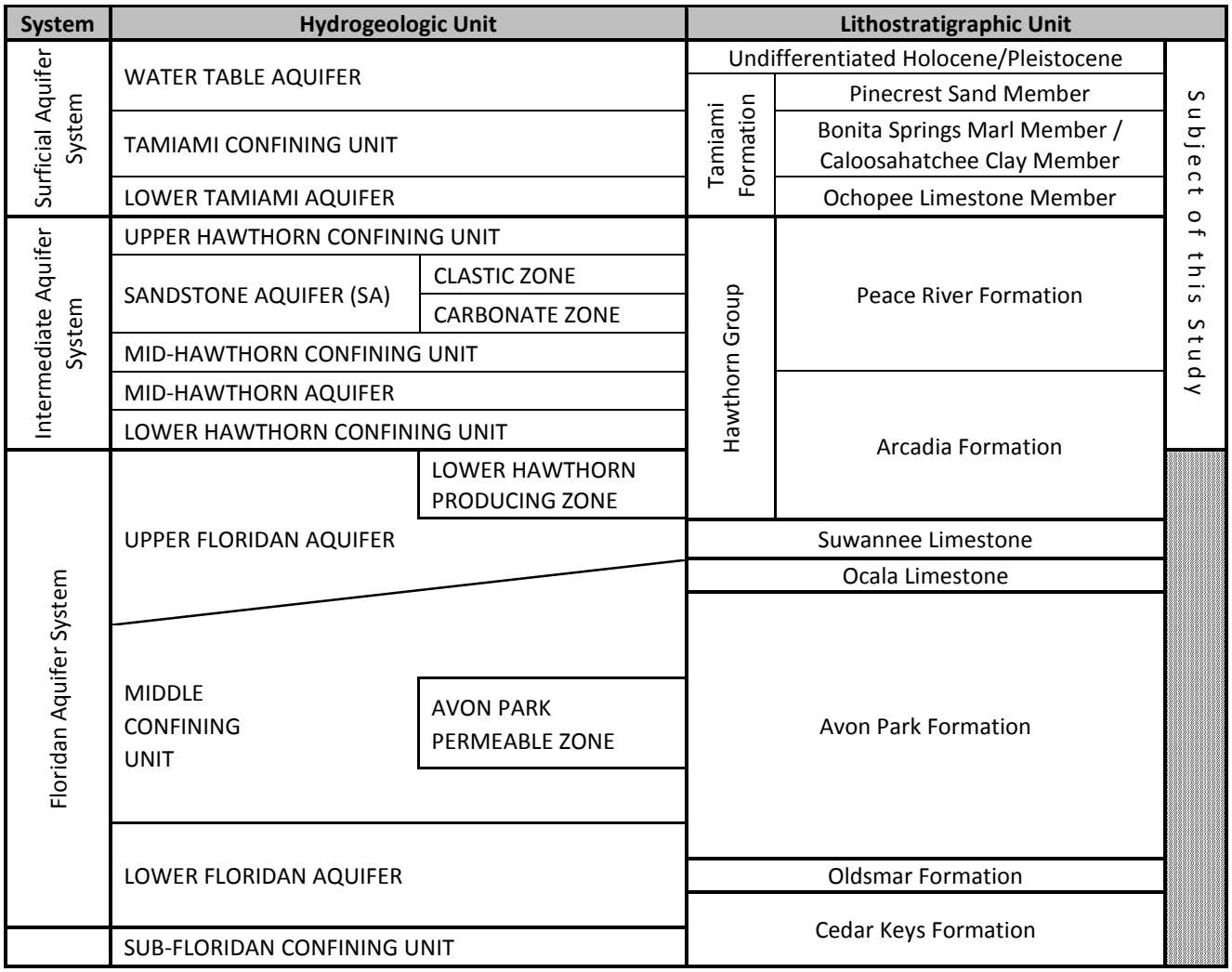

Figure 3. Generalized hydrogeologic and geologic units of the project area.

The Peace River Formation is Miocene in age and consists of clays and carbonates interbedded with quartz sands. Phosphate may be gravel to sand-sized. Approximately two-thirds of the formation is siliciclastic and one-third (typically the lower portion) is carbonate. The Peace River Formation underlies the entire project area.

The underlying Arcadia Formation of the Hawthorn Group is predominately carbonate and underlies the entire project area. The contact between the two formations may be distinct or gradational. The Arcadia Formation is primarily dolostone and limestone with beds of clay, quartz sand, and phosphate grains (Scott 1988). The base of the Arcadia Formation is confining in nature and is primarily clay and mud. The Arcadia Formation and associated aquifers were not included in the previous LWCSAS (Marco Water Engineering, Inc. and Ecology and Environment, Inc. 2006).

HYDROGEOLOGY

The hydrogeology of southwest Florida is complex. Lateral facies changes and variable bed thicknesses lead to large local variations in hydrogeologic units. The heterogeneous natures of the units and the sparse availability of data in places pose particular difficulties for regional scale mapping. Where known, this report points out uncertainties in the maps and source data. It should be understood, however, that local variability in the hydrogeologic units cannot be captured fully in the surface and isopach maps. For the purposes of this project, the following generalized unit criteria/definitions have been used. Maps for areas without a significant presence of a given aquifer or confining unit have been generalized from data compiled for this project. The absence of units was reported by many local well construction and testing reports, and that information was supplemented by review of lithology and geophysical data.

When reading this report, please note that while the aquifer units and their thicknesses were explicitly mapped, the thicknesses of the confining units were not. The confining unit isopach maps were derived by subtracting the top of an aquifer from the base of the overlying aquifer. Due to this approach, confining units were defined solely on the basis of the aquifer they overlie (i.e., the Tamiami confining unit overlies the Lower Tamiami aquifer, Upper Hawthorn confining unit overlies the Sandstone aquifer, etc.). Therefore, where an aquifer was absent, its associated confining unit was undefined (and therefore absent as well). Areas where a confining unit was undefined (because the underlying aquifer was absent or insignificant) have been delineated separately from areas where the confining unit was absent or insignificant (although the underlying aquifer was present).

Water Table Aquifer

The water table aquifer is composed primarily of quartz sand and shell with minor amounts of organic material. A dense limestone cap rock is present in some areas. The water table aquifer is absent or insignificant (defined as a thickness of five feet or less) in places within the LWC Planning Area (**Figure 4**), and the basal confinement is geographically variable. Where present, the Bonita Springs Marl and low permeability portions of the Pinecrest Sand facilitate confinement at the base of the water table aquifer.

In general, a 'water table aquifer' is considered to be an unconfined unit extending from the water table to the first persistent confining unit. In the LWC Planning Area, the terminology more specifically refers to the permeable materials from the water table to the top of the Tamiami confining unit. Confinement between the water table aquifer and the underlying Lower Tamiami aquifer, however, is not consistent. Where the Tamiami confining unit is absent or insignificant (defined as a thickness of five feet or less) (**Figure 5**), the water table aquifer, by definition, will encompass any permeable units above the upper Peace River confining beds. However, to facilitate the development of more hydraulically correct model layering, where possible, the Ochopee Limestone of the Lower Tamiami aquifer was discretely mapped where the Tamiami confining unit was absent.

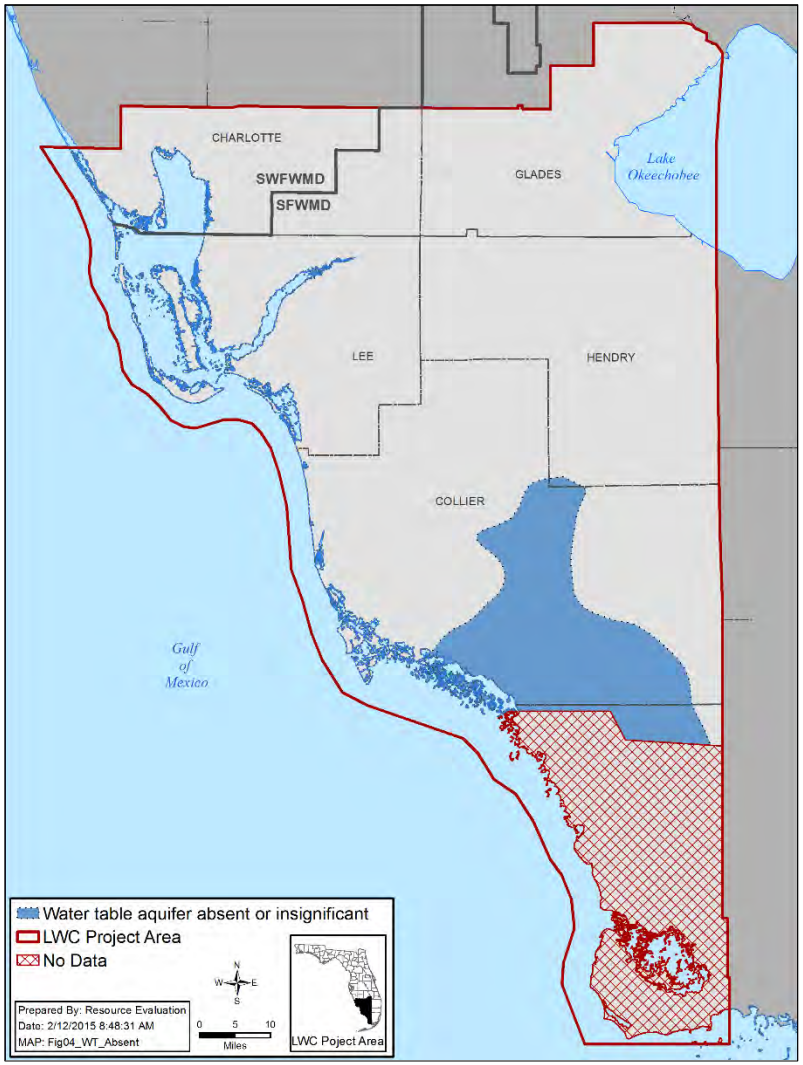

Figure 4. Generalized areas where the water table aquifer is absent/insignificant.

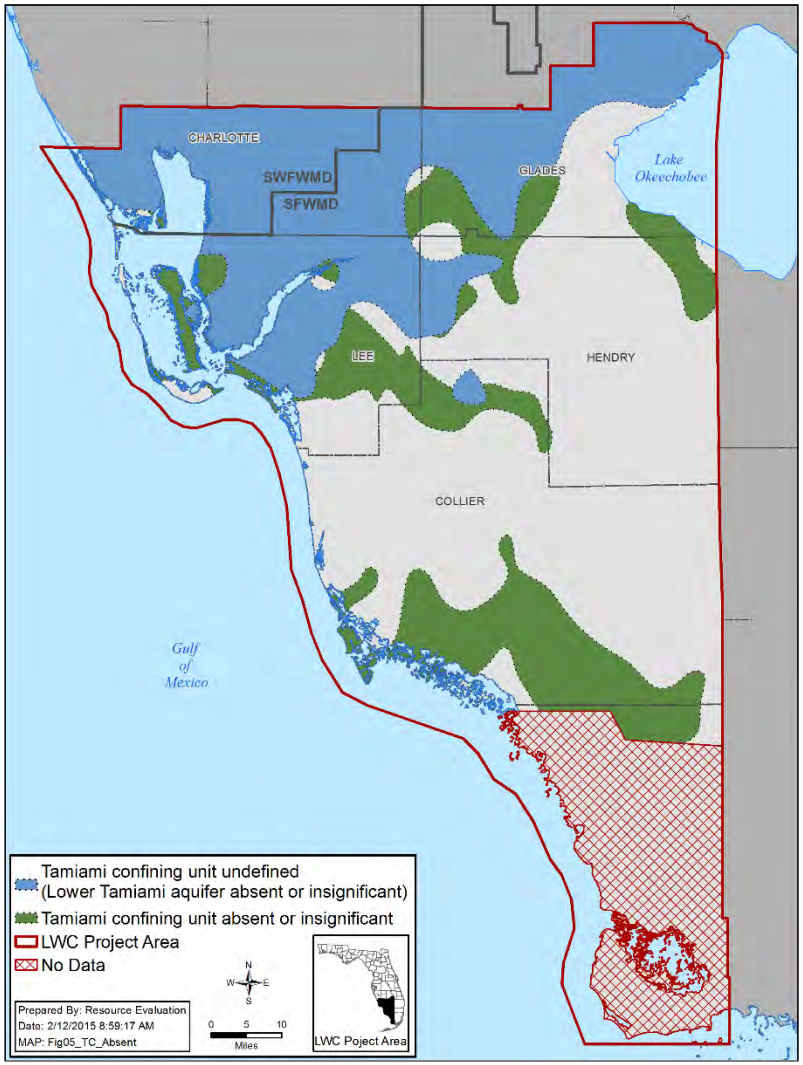

Figure 5. Generalized areas where the Tamiami confining unit is absent/insignificant or undefined.

Lower Tamiami Aquifer

The Lower Tamiami aquifer is predominantly sandy, biogenic limestone and calcareous sandstone. It encompasses all the water-producing limestone and, in some areas, portions of the underlying permeable sand. The upper confinement (Tamiami confining unit) is absent or insignificant (defined as a thickness of five feet or less) in some areas (**Figure 5**).

In the northern portions of the area of interest, Charlotte County and beyond into the Southwest Florida Water Management District (SWFWMD), well reports typically do not distinguish sub-units of the SAS. BEM Systems, Inc. and EarthFX (2003) suggested, however, that the Ochopee Limestone might be mappable in this area. Given that this area is separated from permitted Lower Tamiami aquifer water users to the south by a large area where the Lower Tamiami aquifer is absent or insignificant (defined as a thickness of five feet or less) (**Figure 6**), discrete mapping of the Lower Tamiami aquifer was deemed a low priority for this project. Project maps in this region reflect the entire thickness of the SAS as the water table aquifer.

Throughout most of the study area, the lower permeable clay and fine-grained sands of the Peace River Formation provide basal confinement (Upper Hawthorn confining unit) to the Lower Tamiami aquifer. However, in some areas, this confinement is absent or insignificant (defined as a thickness of ten feet or less) (**Figure 7**). In some locations, the Lower Tamiami aquifer or undifferentiated SAS lay directly on top of the Sandstone aquifer.

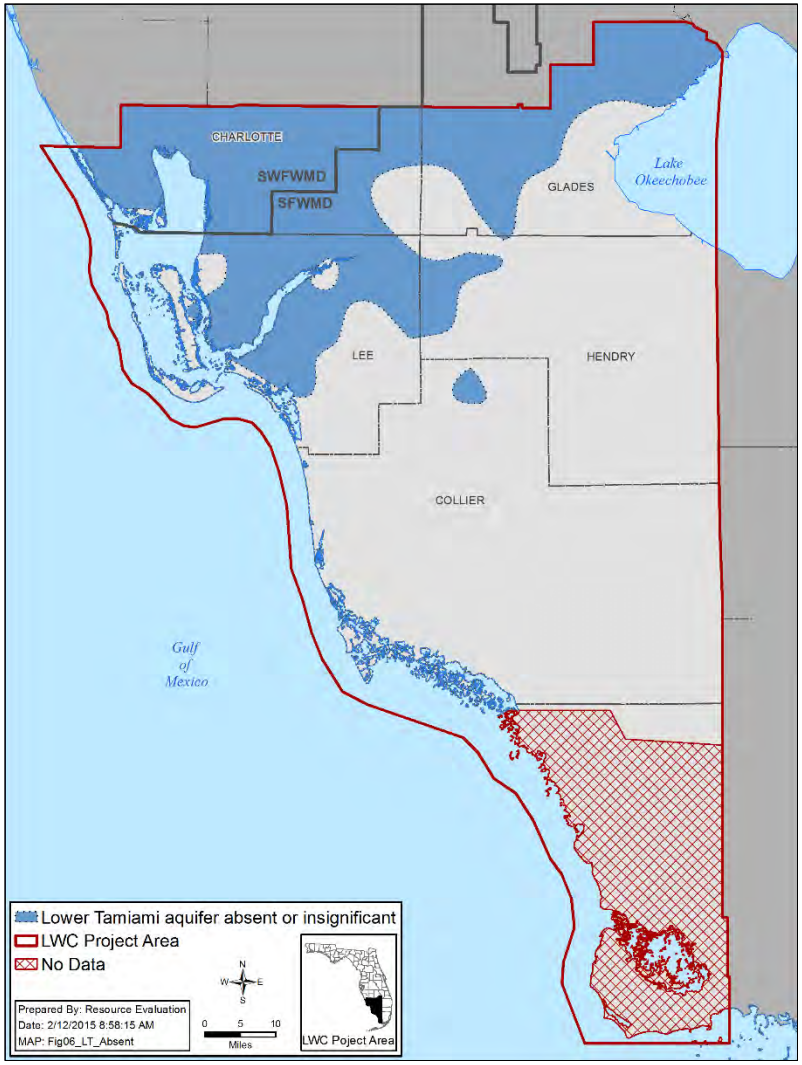

Figure 6. Generalized areas where the Lower Tamiami aquifer is absent/insignificant.

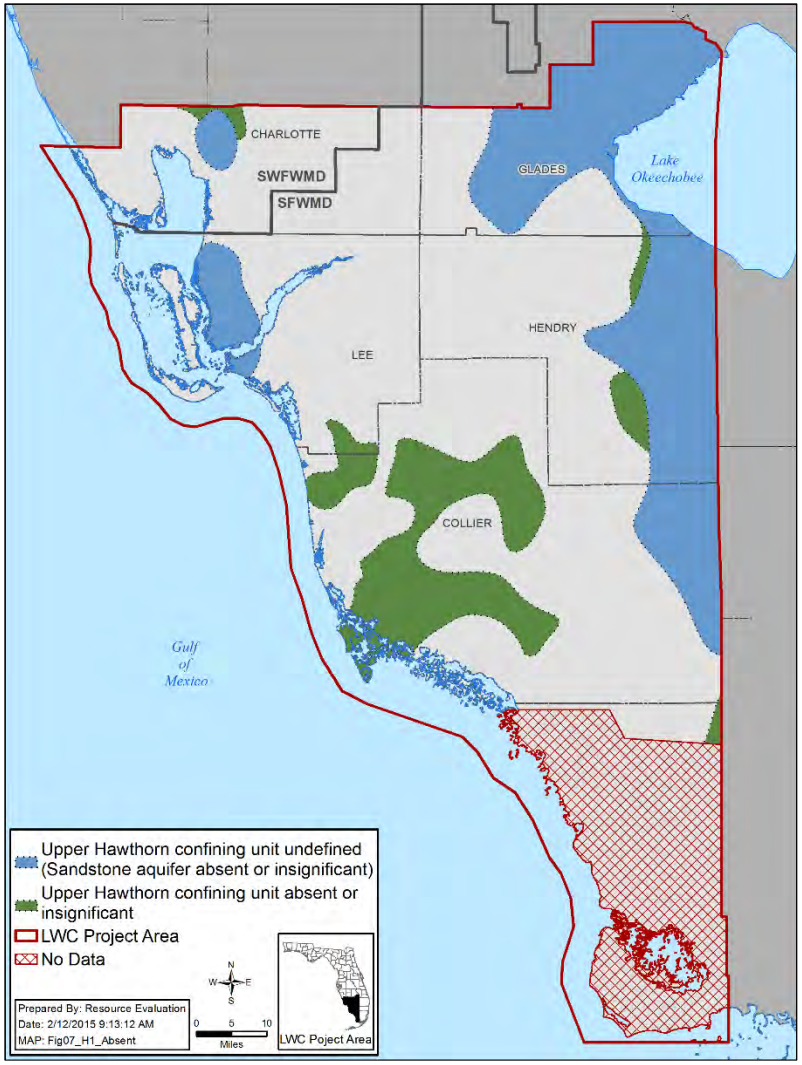

Figure 7. Generalized areas where the Upper Hawthorn confining unit is absent/insignificant or undefined.

Sandstone Aquifer

The Sandstone aquifer, except where absent or insignificant (defined as a thickness of ten feet or less) (**Figure 8**), is contained entirely within the Peace River Formation of the Hawthorn Group and is part of the IAS. It typically occurs as two distinct permeable units, an upper clastic zone and a lower carbonate zone. The Sandstone aquifer is composed of sandstone, sandy limestones, dolostones, and calcareous sands. These may be contiguous or separated by varying amounts of low permeability silt and clay. Where a confining unit is present, the Sandstone aquifer is separated from the Lower Tamiami aquifer by the lower permeable clays and dolosilts of the Peace River Formation (Upper Hawthorn confining unit). The Sandstone aquifer is separated from the underlying Mid-Hawthorn aquifer by low permeability clays and marls of the basal Peace River Formation (Mid-Hawthorn confining unit), which are present throughout the study area (**Figure 9**). Areas where the upper clastic zone and lower carbonate zone are absent or insignificant (defined as a thickness of ten feet or less) are shown in **Figures 10** and **11**.

The Sandstone aquifer was not explicitly mapped in the BEM Systems, Inc. and EarthFX (2003) report. As a surrogate for the aquifer, BEM Systems, Inc. mapped the net thickness of sand within the Peace River Formation. One result of that method was what appeared to be a thick sequence of Sandstone aquifer in eastern Hendry County where previous studies reported the Sandstone aquifer as being absent. While the unit is lithologically present, results from the current study found little support for the presence of significant Sandstone aquifer production capability in eastern Hendry and Collier counties. Data for assessment of the productivity of the IAS in those regions are sparse and often restricted solely to lithologic descriptions. However, those descriptions indicate that the coarse- to pebble-sized sand beds that yield much of the productivity in western Hendry and central Collier counties appear to contain an increasing component of fine-grained materials to the east. The thickest and most productive portion of the Sandstone aquifer aligns roughly with a paleo-topographic depression in the limestone surface of the underlying Arcadia Formation mapped by Cunningham et al. (1998) that is considered to have provided a pathway for southward transport of siliciclastics during the Miocene.

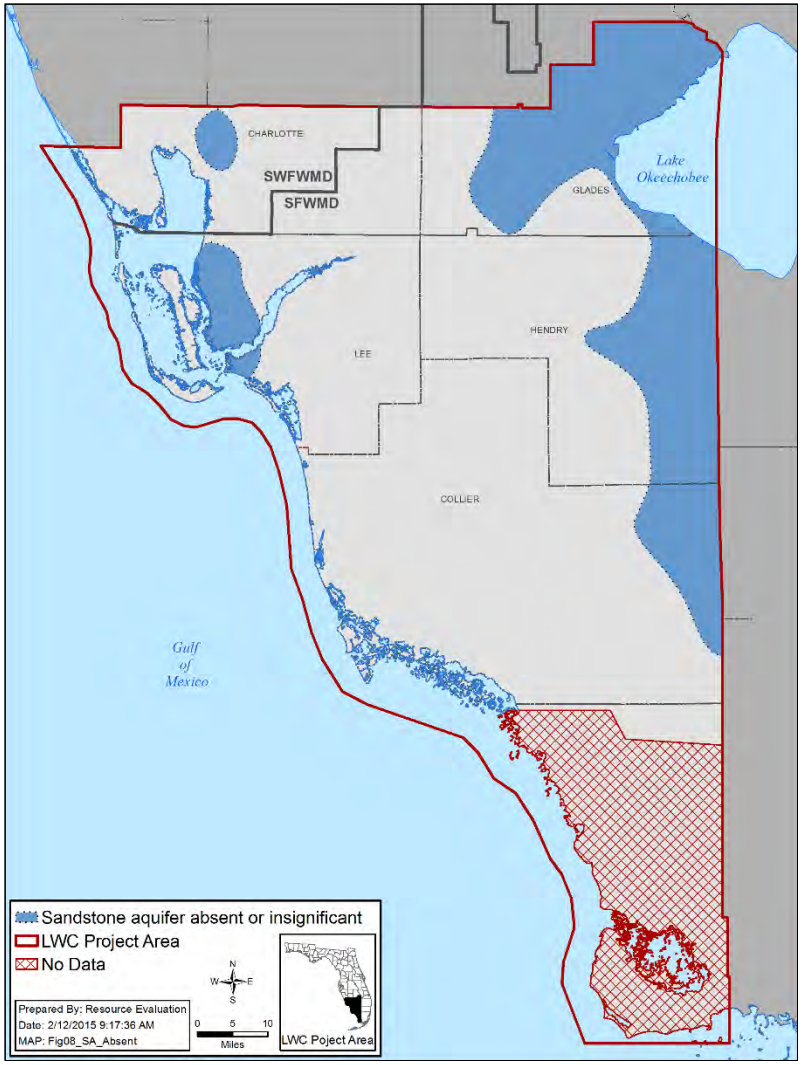

Figure 8. Generalized areas where the Sandstone aquifer is absent/insignificant.

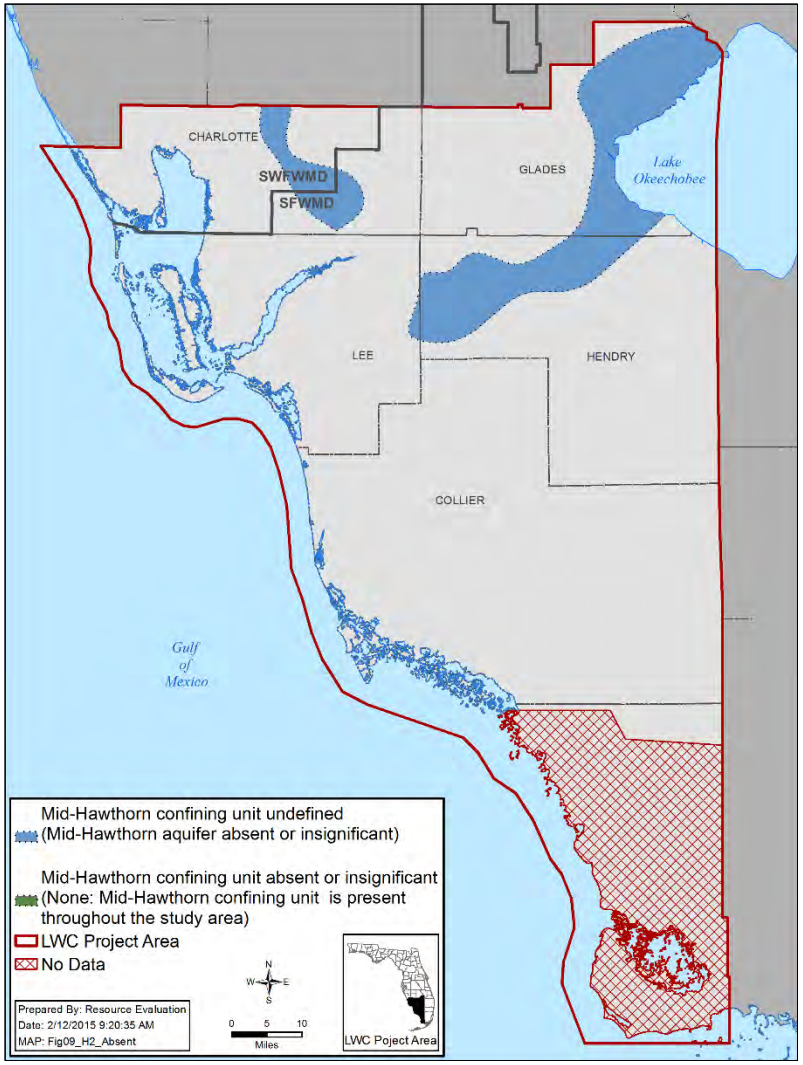

Figure 9. Generalized areas where the Mid-Hawthorn confining unit is undefined.

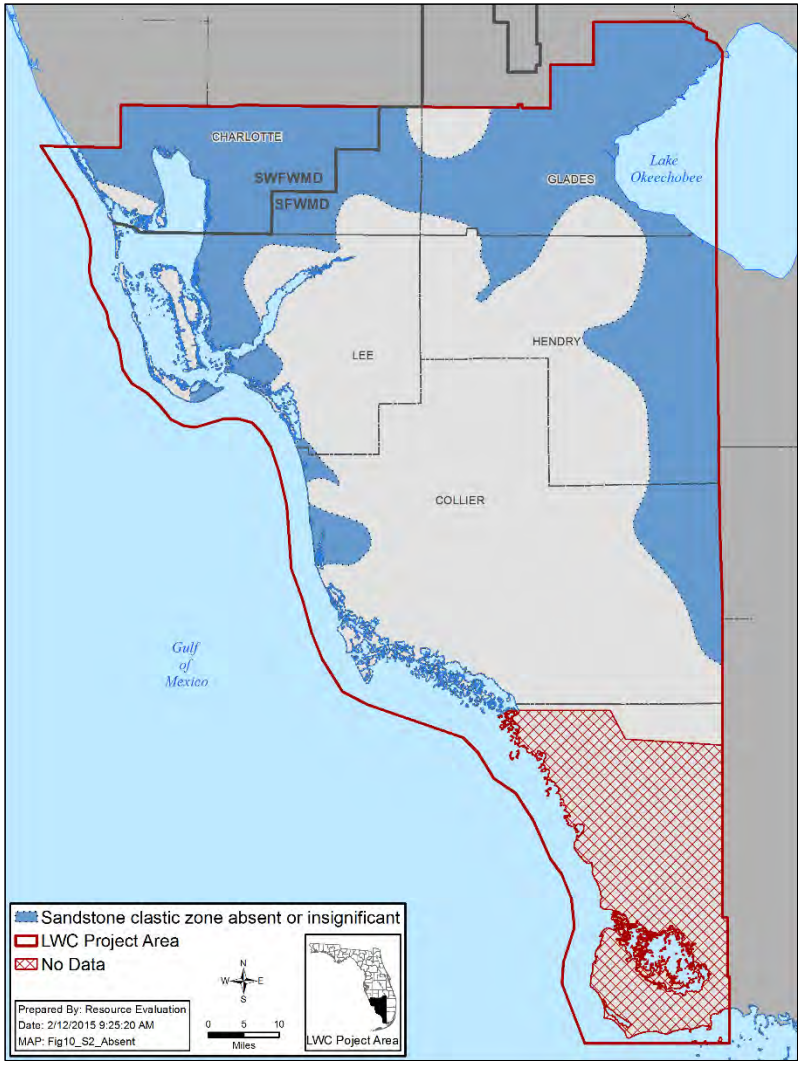

Figure 10. Generalized areas where the Sandstone aquifer clastic zone is absent/insignificant.

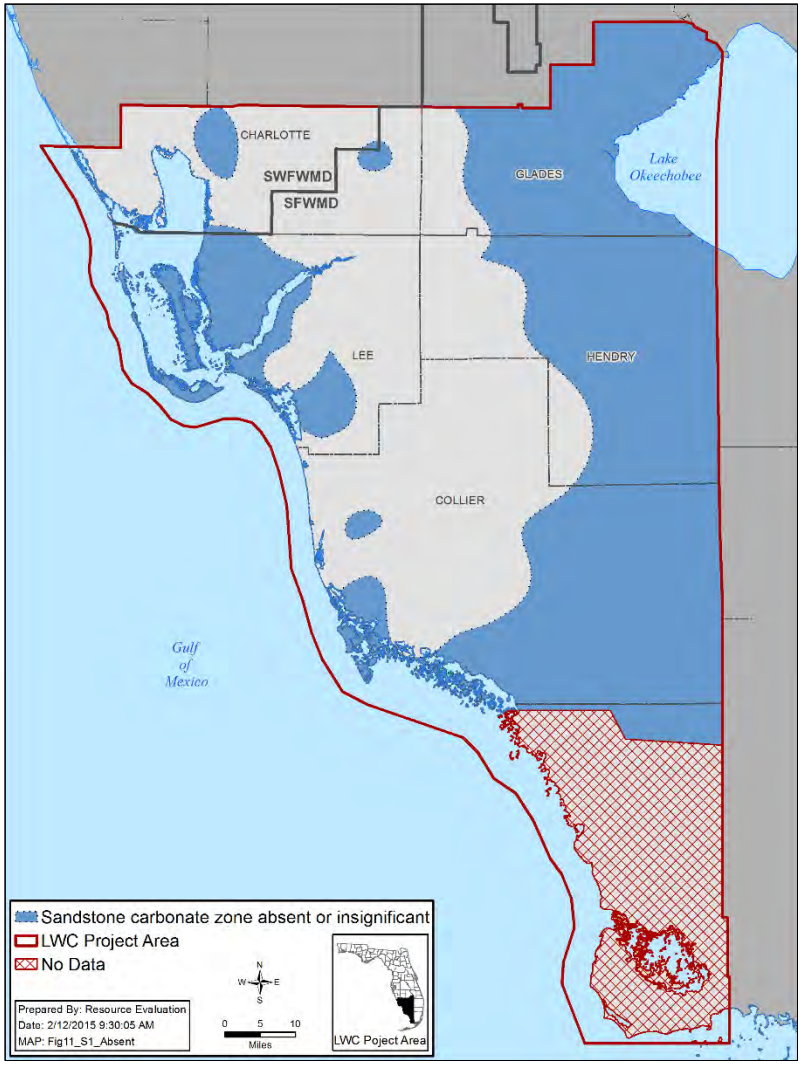

Figure 11. Generalized areas where the Sandstone aquifer carbonate zone is absent/insignificant.

Mid-Hawthorn Aquifer

The Mid-Hawthorn aquifer, except where absent or insignificant (defined as a thickness of 20 feet or less) (**Figure 12**), is composed of biomicritic limestone, phosphate, shell, and lime mud. It lies entirely within the Arcadia Formation of the Hawthorn Group. The Mid-Hawthorn aquifer is separated from the overlying Sandstone aquifer by the low permeable clays and marls of the basal Peace River Formation (Mid-Hawthorn confining unit). Where the Sandstone aquifer is absent or insignificant (**Figure 8**), the entire thickness of the Peace River Formation isolates the Mid-Hawthorn aquifer from the overlying SAS. The confinement from the underlying Lower Hawthorn producing zone consists of carbonate muds and terrigenous clays of the upper Arcadia Formation (Lower Hawthorn confining unit) and is present throughout the study area. For the most part, the use of the Mid-Hawthorn aquifer occurs in the western part of the project area.

Wedderburn et al. (1982) described the Mid-Hawthorn aquifer as a single aquifer composed of multiple thin permeable zones of limestone, dolomite, sandstone, and calcareous quartz sand interbedded with low permeability sands and clayey dolosilts. In support of the *Lee County Regional Water Master Plan*, ViroGroup (1993) mapped the Mid-Hawthorn aquifer as two distinct zones: a shallow zone occurring primarily in the Fort Myers-Cape Coral area, and a deeper zone occurring primarily in the Estero-Bonita Springs-Fort Myers Beach region. It is also not uncommon to see the Mid-Hawthorn aquifer divided into two or more discrete producing zones in well reports from coastal Lee and Collier counties (e.g., Water Resource Solutions, Inc. 2002, Missimer and Associates, Inc. 1991). It is not clear, however, whether Zones I and/or II reported in Collier County are contiguous with zones mapped in Lee County by ViroGroup (1993), and most of the available data from the region do not attempt to divide the Mid-Hawthorn aquifer. Lacking the data to support a more detailed breakdown of the aquifer, the Mid-Hawthorn aquifer has been mapped as a single aquifer unit for this project. This is not ideal, however, as significant differences in water quality and potentiometric surfaces have been described between discrete zones of the Mid-Hawthorn aquifer in some areas. Additional work is needed to evaluate the regional extents and hydraulic continuity between permeable zones in the Mid-Hawthorn aquifer.

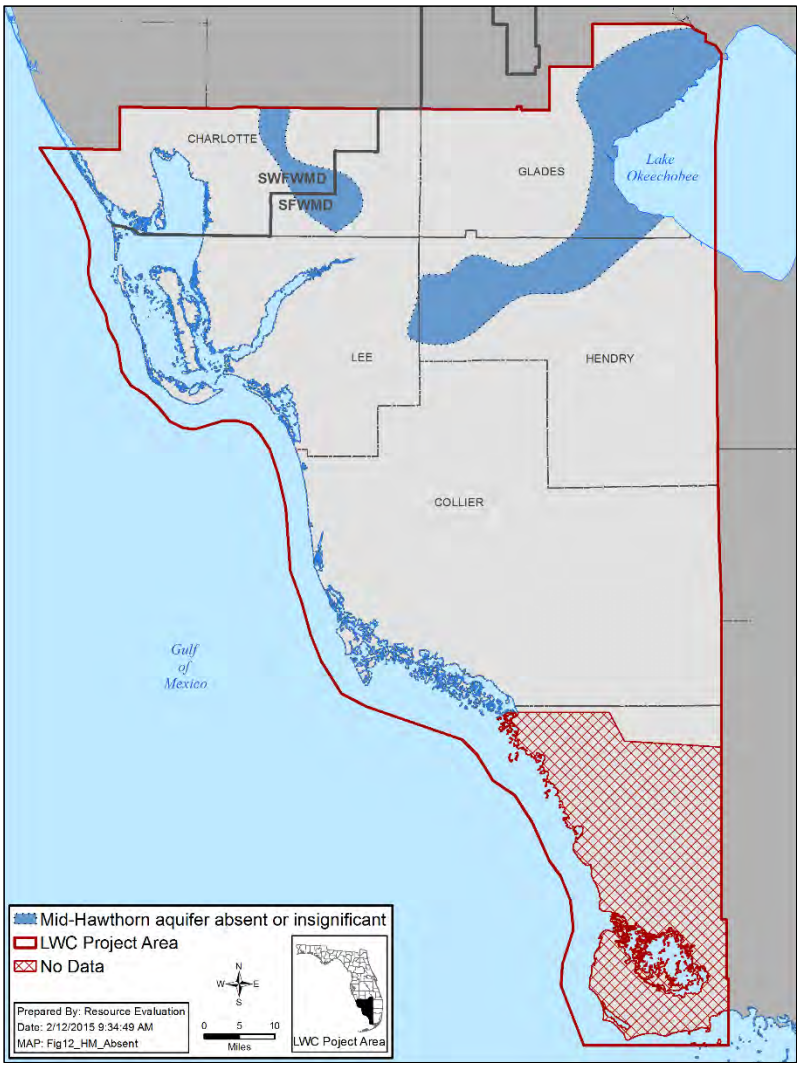

Figure 12. Generalized areas where the Mid-Hawthorn aquifer is absent/insignificant.

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3
Data

The updated hydrogeologic mapped surfaces for the current project incorporated previous studies and new data from the last decade to help refine the current understanding of the subsurface LWC Planning Area.

DATA SOURCES

To comprehensively review the available hydrogeologic data, both internal and external data and publications were assessed. To create the initial draft surfaces, the authors reviewed DBHYDRO[1] and documents contained in SFWMD's groundwater library. External data and literature review included the previous BEM Systems, Inc. and Water Resources Solutions, Inc. hydrogeologic mapping project, stakeholder data and reports, and the current scientific literature relevant to the project area. **Table 1** lists the categories of data sources and types reviewed for the LWC Planning Area hydrogeology update.

Table 1. Data sources reviewed for the LWC hydrogeology update.

Data Source	Data Type
DBHYDRO	600 wells in the LWC Planning Area
Groundwater library	440 reports pertaining to the LWC Planning Area
BEM Systems, Inc. and Water Resources Solutions, Inc.	Previous hydrogeologic maps
Stakeholder data	CDM Smith, Collier County, Florida Department of Environmental Protection, Johnson Engineering, Lee County, MWH, SWFWMD, United States Geological Survey
Body of literature	Government publications, consulting reports, and peer reviewed journal articles
RegDB	11,500 wells
ePermitting	670 reports

In addition to SFWMD data, DBHYDRO includes information from the United States Geologic Survey, National Oceanic and Atmospheric Administration, Everglades National Park, and other agencies and private consulting firms. The DBHYDRO data set was refined by selecting only wells with hydrogeologic data in the counties of interest. The information available in

[1] http://www.sfwmd.gov/dbhydro

DBHYDRO may include technical publications, the original well construction reports, testing data, and other pertinent hydrogeologic data. These sources were important for evaluating site hydrogeology. Approximately 600 wells in the LWC Planning Area were used in mapping, including those added during the course of this project. The database of wells from the previous study was merged into DBHYDRO and fully incorporated into this update.

The SFWMD groundwater library is an archive of scientific, government, unpublished consultants' reports, and other documents related to SFWMD's mission and goals. Approximately 440 documents in the library pertaining to the LWC Planning Area were screened for potential data.

In addition, stakeholders were solicited for available relevant hydrogeologic data and reports. Federal, state, and county government agencies, including the United States Geological Survey, Florida Department of Environmental Protection, SWFWMD, Lee County, and Collier County, provided data. Consulting firms also provided input, including CDM Smith, Johnson Engineering, and MWH. This is by no means an exhaustive list of the stakeholders who contributed to this project and omissions are the fault of the authors. All participation was welcomed, valued, and greatly appreciated.

After the first draft of hydrogeologic surfaces was created, the surfaces were evaluated against data from the SFWMD Regulation Database (RegDB) as well as a review of larger water use permit reports within the ePermitting database. Information for these wells usually does not include the elevations of tops and bases of aquifers, but does include casing depths and total depths of the wells. Because of their limited nature, these data were not used to create the first draft of the surfaces.

RegDB is a regulatory database that includes data on monitoring and water supply wells associated with SFWMD water use permits. This database includes wells for public water supply, agriculture, dewatering, irrigation, and other uses. Most wells in this database are associated with specific aquifers. Approximately 11,500 wells from the RegDB were reviewed with the draft hydrogeologic surfaces to confirm aquifer identification and classification.

The ePermitting[2] database contains data related to environmental resource, consumptive water use, and nutrient source control permit applications. The database indexing is insufficient to facilitate searching for hydrogeologic data directly, so instead, the database was queried by county (Charlotte, Collier, Glades, Hendry, Lee, and Monroe), and larger reports (greater than one megabyte) were downloaded for review. These larger files were chosen as more likely to contain potentially useful lithology and aquifer test data. Approximately 670 files were reviewed; however, very limited useful data were gleaned from this effort. Only a handful of stations, together with their associated aquifer tops and bases, were added to the current study (and subsequently to DBHYDRO) from this source.

[2] http://www.sfwmd.gov/ePermitting/MainPage.do

DATA REVIEW AND RANKING

The data sources were used to evaluate the elevations of the tops and bases of aquifers ("aquifer picks") relative to the hydrogeologic definitions of each unit as discussed in Section 2 of this report. Geophysical logs, lithologic descriptions, literature, comparison with neighboring wells, cross-sections, previously published hydrogeologic surfaces, and United States Geological Survey monitor wells were all important in analyzing and validating previously reported aquifer picks. Where previously reported aquifer picks were not available, or did not conform to unit definitions, source data were used to identify unit tops in those areas. In addition to evaluating picks for the tops and bases of the aquifers and confining units, the reported absence of any unit was also noted. The quality of the available well data was ranked. Zero was the default rating of every well in the database and indicated that the well's data were not reviewed. A ranking of one was assigned when data were reviewed and the aquifer picks were acceptable. Two was used for wells where the data were reviewed and were not acceptable. Wells with a ranking of three needed depths to be revisited, and those with a nine require further analyses. In addition, a ranking of negative one was assigned to 224 stations where data were sparse, and casing and total depths of production wells were used as a surrogate for aquifer boundaries. Only wells with a ranking of 1, 0, and -1 were used to create the hydrogeologic surfaces. The data used in the mapping process are contained in **Appendix A**.

Sites where the hydrogeologic aquifer picks had the highest confidence were designated "golden spike" wells and were used as benchmarks during data evaluation. The basis for the golden spike designation was a well that had a high quality data set, conformed to project unit criteria and were given a ranking of 1. Candidate wells for golden spike classification were preferred if they had been recommended as representative by a local utility, had data available for reassessment, and/or had multiparty agreement. Golden spike data were also obtained from SWFWMD to correlate wells in the northern portion of the project area along the boundary between SFWMD and SWFWMD. Overall, 108 wells (**Figure 13**) in the database were given golden spike status.

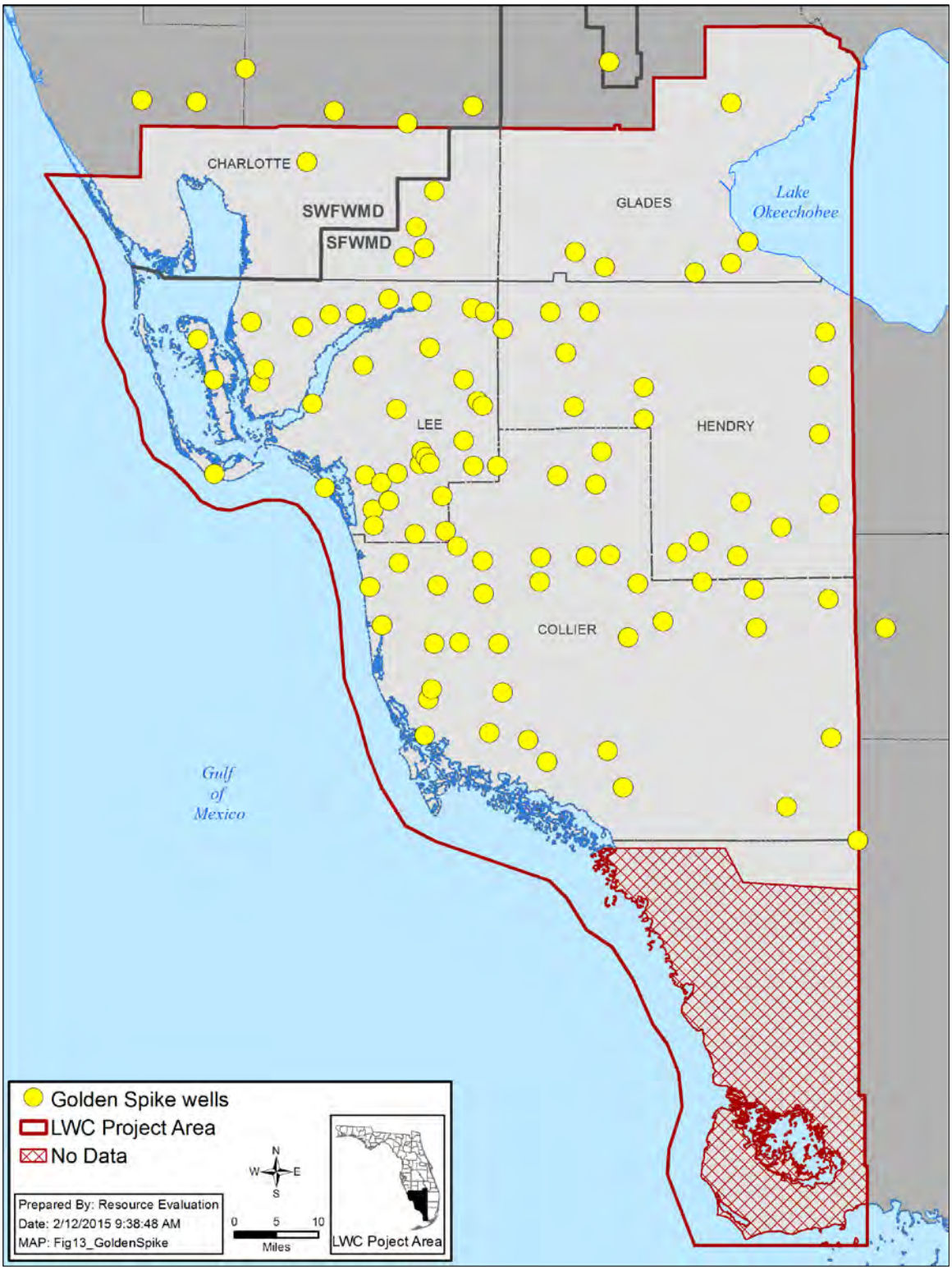

Figure 13. Locations of "golden spike" wells.

SURFACE AND CROSS-SECTION CREATION

Following the primary data review, VIEWLOG (Kassenaar 2003) software was used to create and evaluate maps and surfaces. Wells with a ranking of less than two were first mapped by county and aquifer to visually determine areas lacking sufficient data to delineate hydrogeology. For these areas, attempts were made to find and rank additional data. After gathering any available supplementary data, surfaces were created in VIEWLOG using a block-centered grid with an origin in State Planar coordinates (NAD 1983, HARN, Florida East, FIPS_0901, feet) of 130,000, 274,000 (82°35′22.7″ W, 25°04′43.8″ N). The grid consisted of 362 columns and 415 rows, with a spacing of 2,000 feet. Interpolation of the surfaces was performed by kriging, a geostatistical gridding method that produces maps from irregularly spaced data. For this project, VIEWLOG's "Quick Kriging" method was used. This method "compiles a variance matrix of all the data points (limit 2000), inverts that matrix, and then computes the estimate at each cell centre based on the spatially determined 'weights' as determined by the matrix. Because all data points are compiled and the matrix is only inverted once, this method is generally much faster than full kriging" (EarthFX Inc. 2011).

The draft surfaces were used to identify anomalous data points such as those inconsistent with golden spike wells, those causing a sudden dip or rise in the surface, or those located in areas with poor or little data and, therefore, disproportionately influencing large geographic areas. Anomalous data points were visually evaluated to determine if the aquifer picks required correction or reranking. Where the aquifers and confining units are reduced in thickness to the point of ceasing to exist (a "pinch out"), the thicknesses were set to zero to prevent surface overlap. A flow chart of the process is presented in **Appendix B**.

A second, updated set of draft surfaces was then generated and evaluated by comparing the aquifers as determined by the LWC Planning Area Hydrogeology Project to those reportedly being used by permittees as recorded in RegDB. This step was to determine if permitted wells fell within the same aquifer as the updated hydrogeologic maps. The land surface elevation was used in conjunction with the casing and total depths recorded in the database to determine the aquifer from which the well was reportedly withdrawing water. The aquifers determined by the RegDB analyses were then compared to the second draft of hydrogeologic surfaces. In locations where the aquifer designations were different, the well information was investigated to determine the cause. This investigation included limited searching of the permitting files and working with SFWMD Regulation Division staff to resolve disparities when possible.

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4 Results

This section presents the results of the hydrogeologic surfaces and associated isopachs. The elevations for hydrogeologic surfaces and cross-sections were calculated from land surface elevations (Liebermann and Bedell 2013). The top of the water table aquifer was assumed to be land surface.

HYDROGEOLOGIC SURFACES AND ISOPACH MAPS

Hydrogeologic surfaces were created for the tops and bases of each aquifer (with the exception of the water table aquifer, where the top was assumed to be land surface). Isopach maps were generated for each aquifer and each confining unit. Statistical summaries of the hydrogeological surfaces and isopachs are provided in **Tables 2** and **3**, respectively.

Table 2. Hydrogeologic surface statistics.[a]

Aquifer	Surface	Number of Data Points	Maximum Elevation[b]	Minimum Elevation[b]	Mean Elevation[b]	Standard Deviation
water table aquifer	Base[c]	519	51	-209	-17	34
Lower Tamiami aquifer	Top	432	37	-212	-27	28
Lower Tamiami aquifer	Base	368	28	-215	-82	40
Sandstone aquifer	Top	375	5	-262	-99	39
clastic zone of the Sandstone aquifer	Base	142	-11	-280	-146	44
carbonate zone of the Sandstone aquifer	Top	132	-12	-306	-140	61
Sandstone aquifer	Base	279	-26	-363	-166	59
Mid-Hawthorn aquifer	Top	223	-92	-524	-327	100
Mid-Hawthorn aquifer	Base	130	-163	-585	-411	104

a. Statistics do not include areas of no data or where the aquifers are considered to be absent or insignificant.

b. Elevations in feet National Geodetic Vertical Datum of 1929 (NGVD).

c. Land surface was considered to be the top of the water table.

Table 3. Isopach statistics.[a]

Aquifer	Minimum Thickness[b]	Maximum Thickness[b]	Mean Thickness[b]	Standard Deviation
water table	0	242	32	34
Tamiami confining unit	0	108	15	17
Lower Tamiami aquifer	0	164	39	34
Upper Hawthorn confining unit	0	243	43	31
Sandstone aquifer	0	266	55	51
clastic zone of the Sandstone aquifer	0	169	30	28
carbonate zone of the Sandstone aquifer	0	95	11	16
Mid-Hawthorn confining unit	0	348	165	88
Mid-Hawthorn confining unit	0	268	76	40
Lower Hawthorn confining unit	26	644	296	92

a. Statistics do not include areas of no data.

b. Thickness in feet.

Water Table Aquifer

The water table aquifer base and isopach maps were created from 536 aquifer picks, with 17 of these points being areas where the water table aquifer is absent. The wells used to develop the maps are shown in **Figure 14**. The top of the water table aquifer was assumed to be land surface (**Figure 15**). To generate the land surface grid for this project, VIEWLOG was used to re-sample a 100-ft digital elevation model (DEM) of best-available data for the Lower West Coast planning region of the SFWMD. The original DEM was composited in 2013 from multiple sources. The 100 *x* 100 foot cell size of the DEM was resampled to a grid size of 2000 *x* 2000 feet (Liebermann and Bedell, 2013). The elevation of the base of the water table aquifer ranges from a maximum of 51 feet National Geodetic Vertical Datum of 1929 (NGVD) to a minimum of -209 feet NGVD, with the highest elevation in north-western Glades County and the lowest in central Glades County (**Figure 16**). The thickness of the water table aquifer ranges from 0 feet in central and southern Collier County to 242 feet in central Glades County (**Figure 17**).

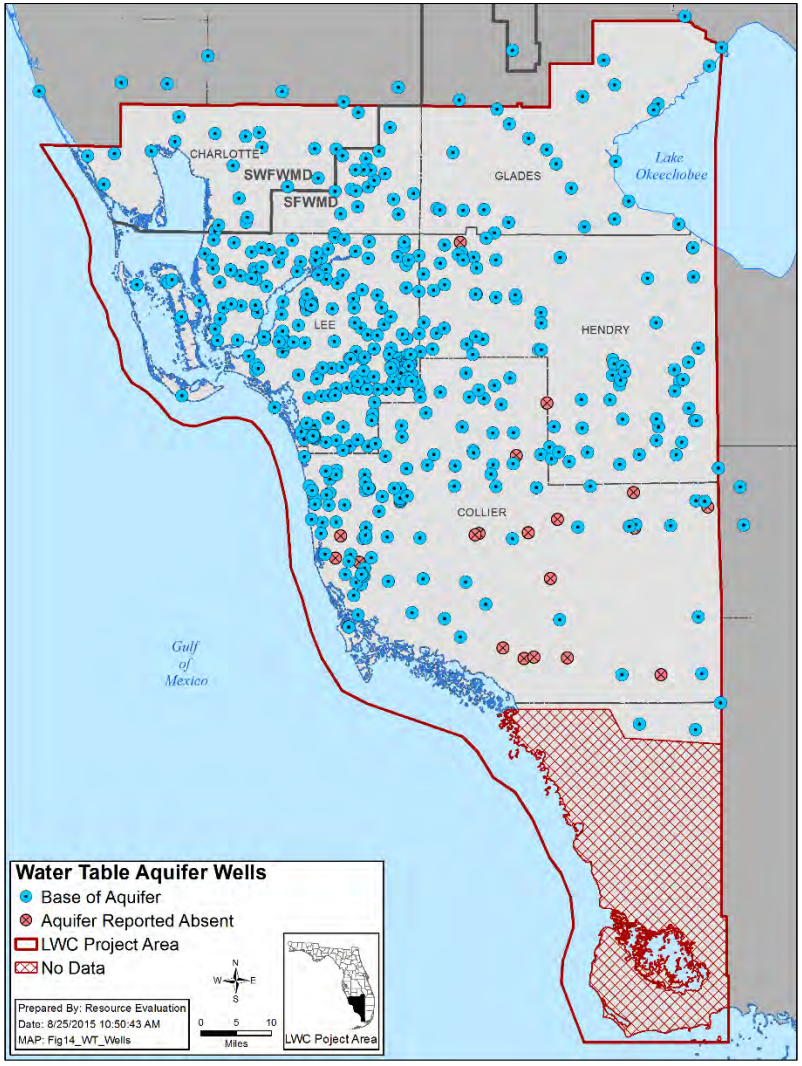

Figure 14. Water table aquifer well locations.

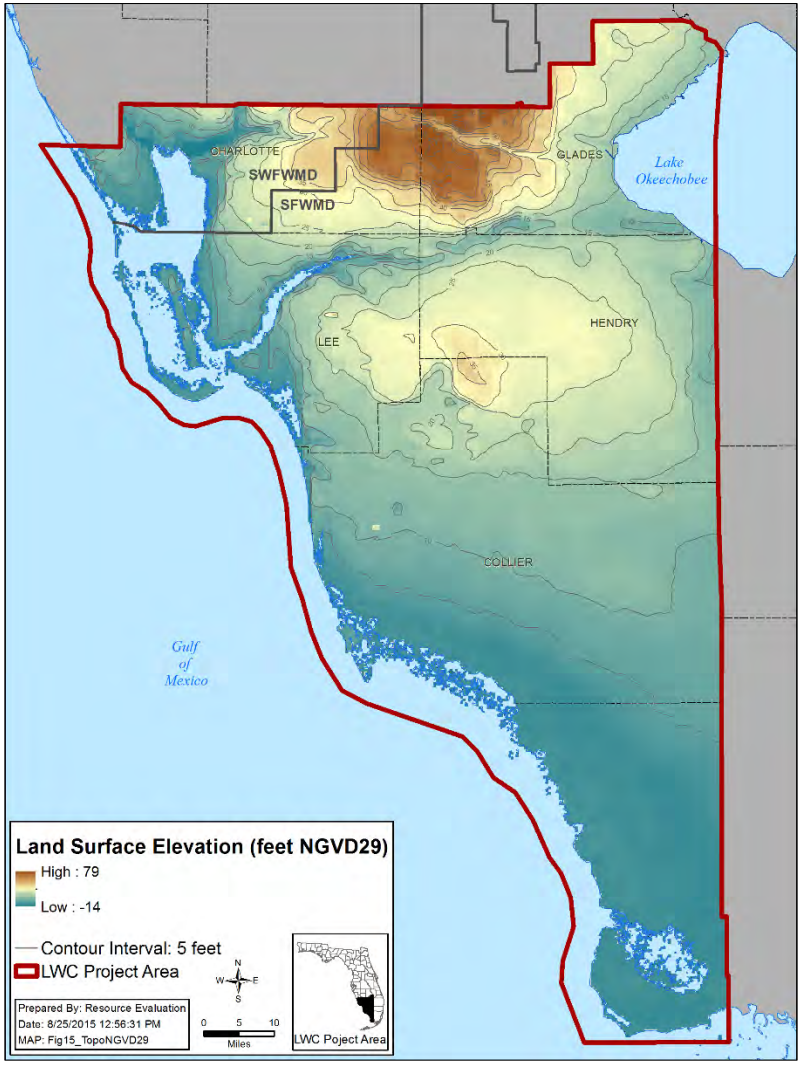

Figure 15. Land surface elevation.

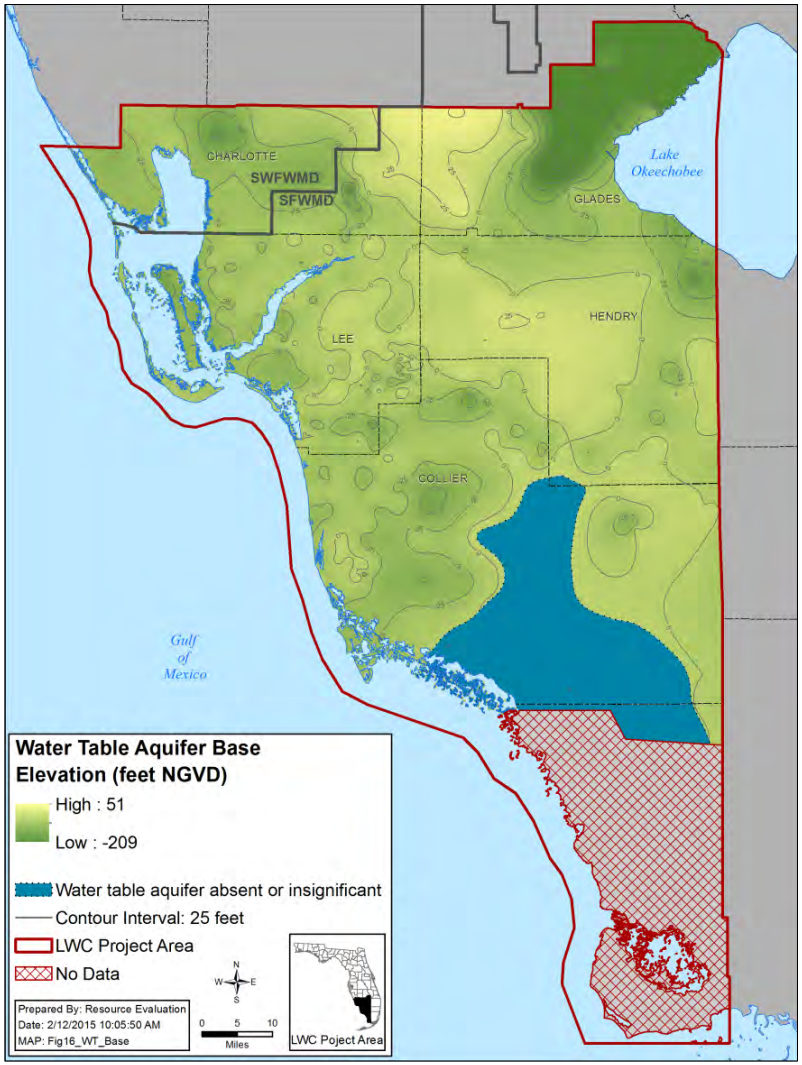

Figure 16. Elevation of the base of the water table aquifer.

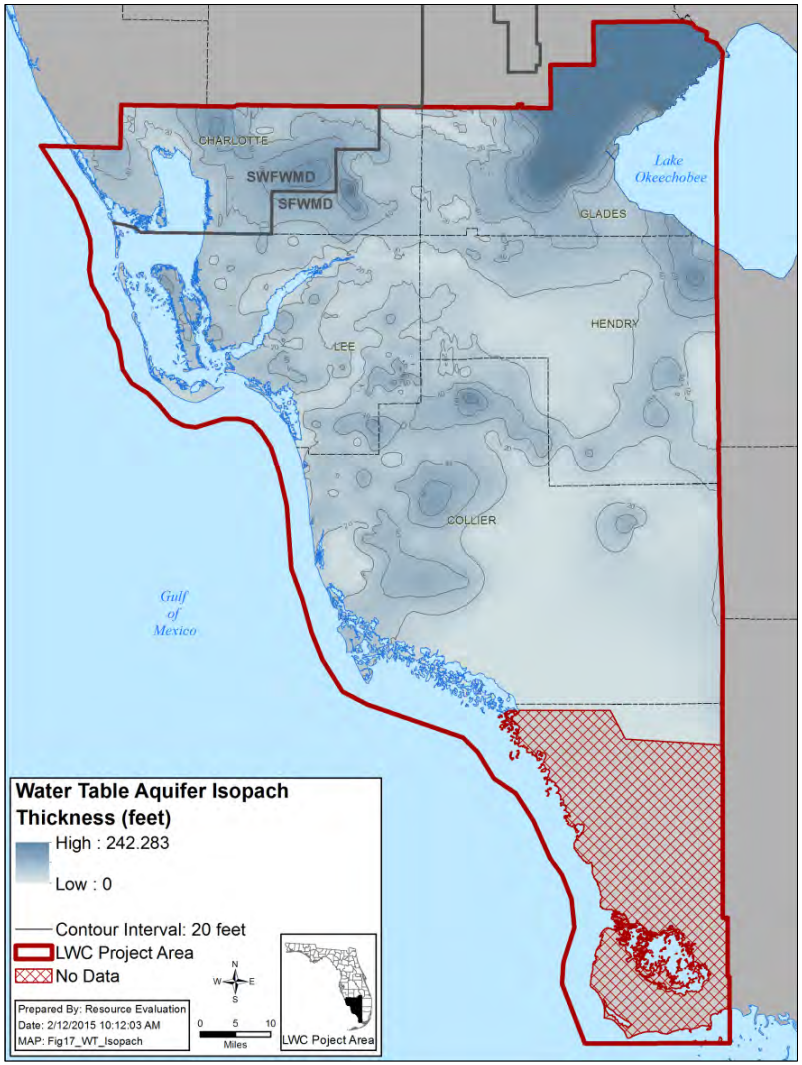

Figure 17. Thickness of the water table aquifer.

Tamiami Confining Unit

The Tamiami confining unit thickness (isopach) map was generated by subtracting the base of the water table aquifer from the top of the Lower Tamiami aquifer. The wells used to determine the thickness of the Tamiami confining unit are shown in **Figure 18**. The thickness of the Tamiami confining unit ranges from 0 feet in the northwestern parts of the project area to a maximum of 108 feet in eastern Glades County north of Lake Okeechobee (**Figure 19**).

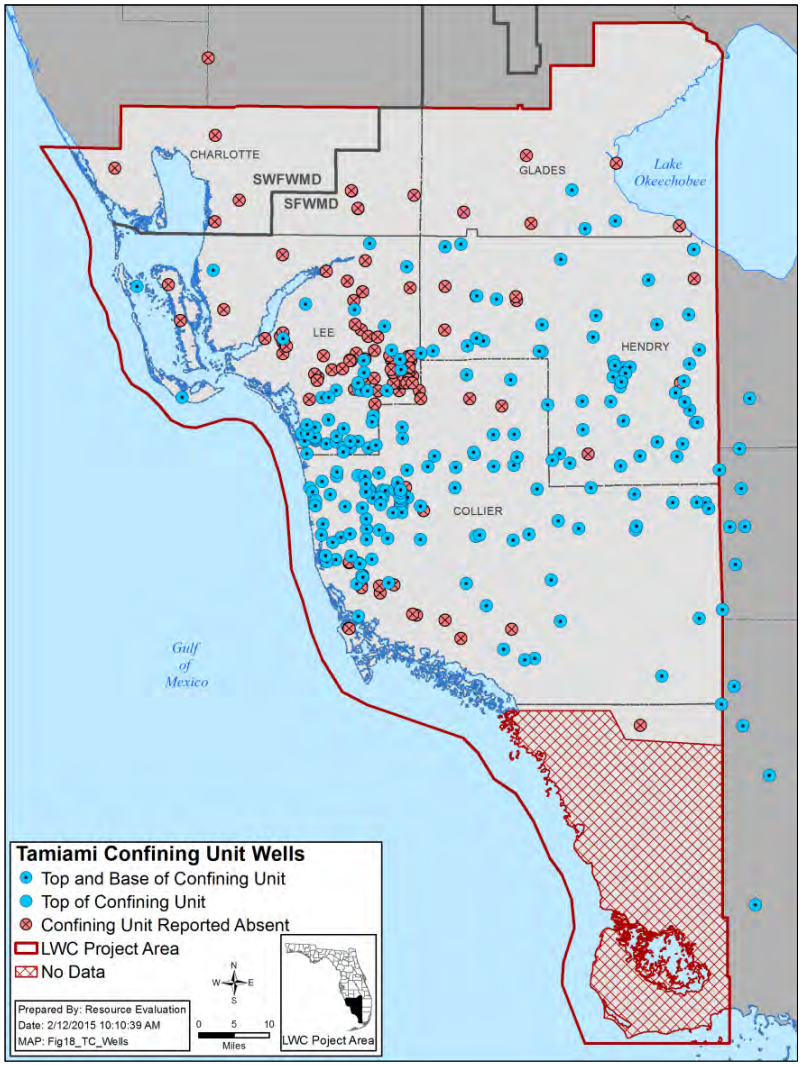

Figure 18. Tamiami confining unit well locations.

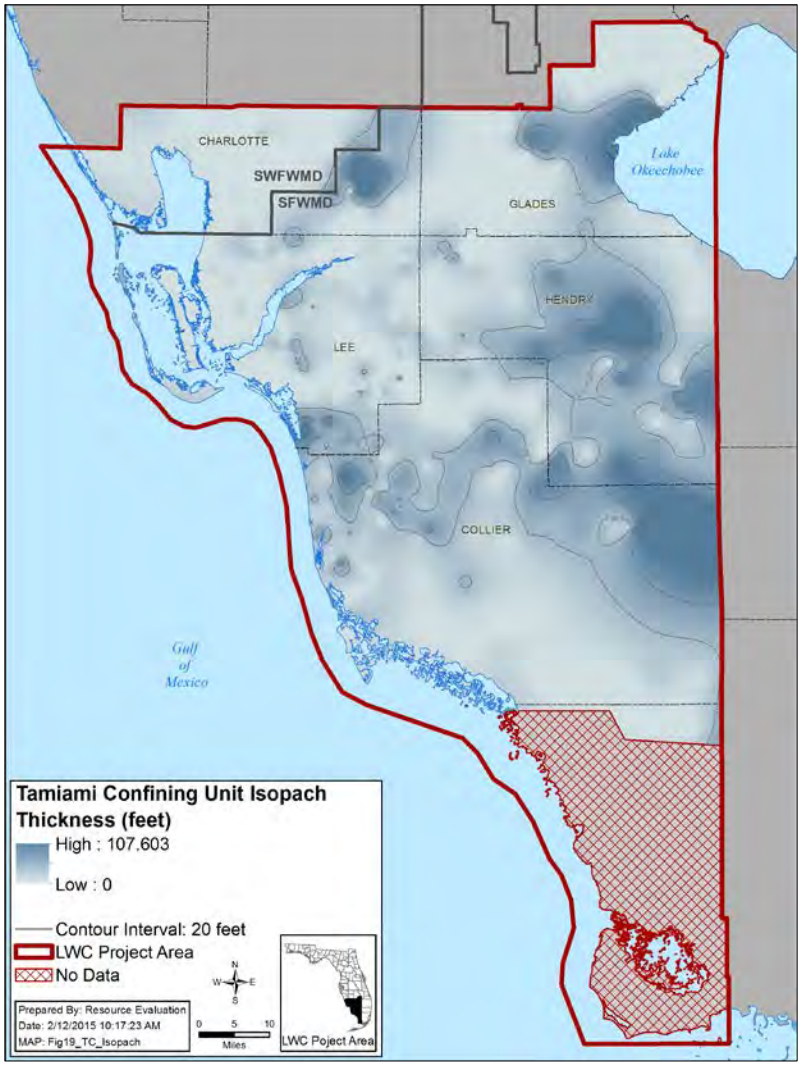

Figure 19. Thickness of the Tamiami confining unit.

Lower Tamiami Aquifer

The surface of the top of the Lower Tamiami aquifer was interpolated from 520 aquifer picks, of which 88 indicated locations where the Lower Tamiami aquifer was not present. The isopach and aquifer base maps for the Lower Tamiami aquifer were based on 368 aquifer points (**Figure 20**).

As can be seen in **Figure 21**, the elevation of the top of the Lower Tamiami aquifer ranges from 37 feet NGVD to -212 feet NGVD, with the highest elevations in western Glades County and the lowest in central Glades County. The elevation of the base of the Lower Tamiami aquifer (**Figure 22**) ranges from 28 feet NGVD in western Glades County to -215 feet NGVD in central Glades County. The thickness of the Lower Tamiami aquifer ranges from 0 feet in the northern portion of the project area to 164 feet in central Hendry County (**Figure 23**).

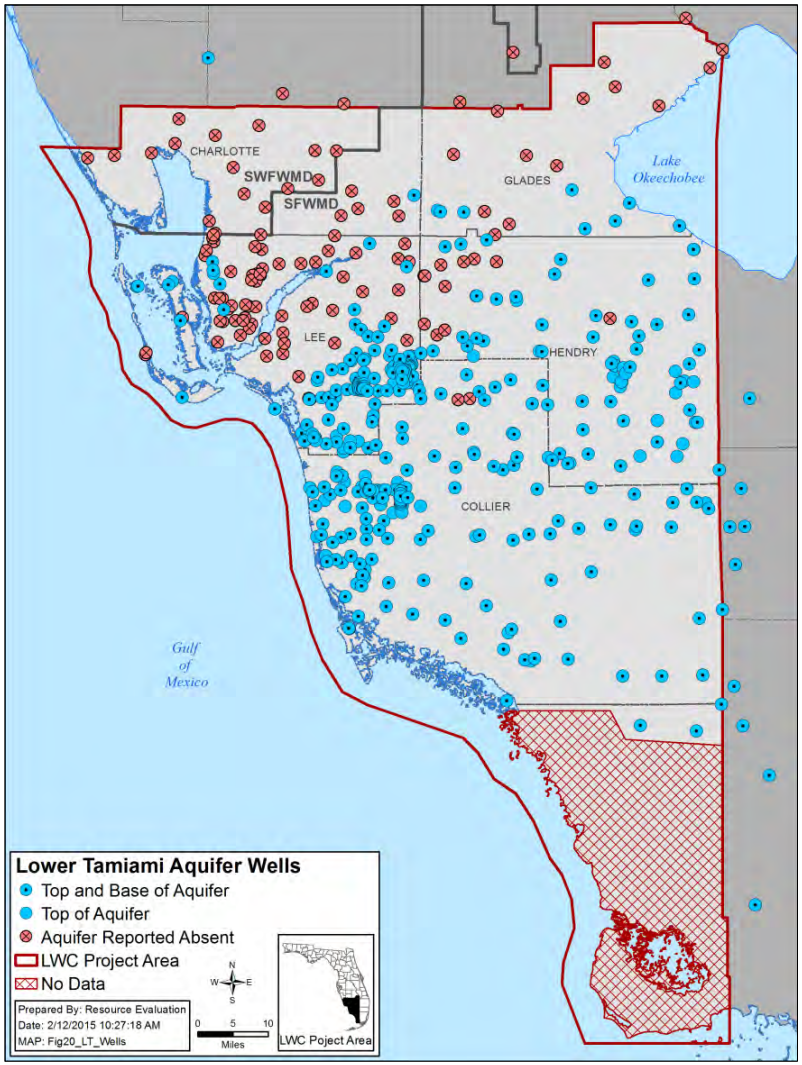

Figure 20. Lower Tamiami aquifer well locations.

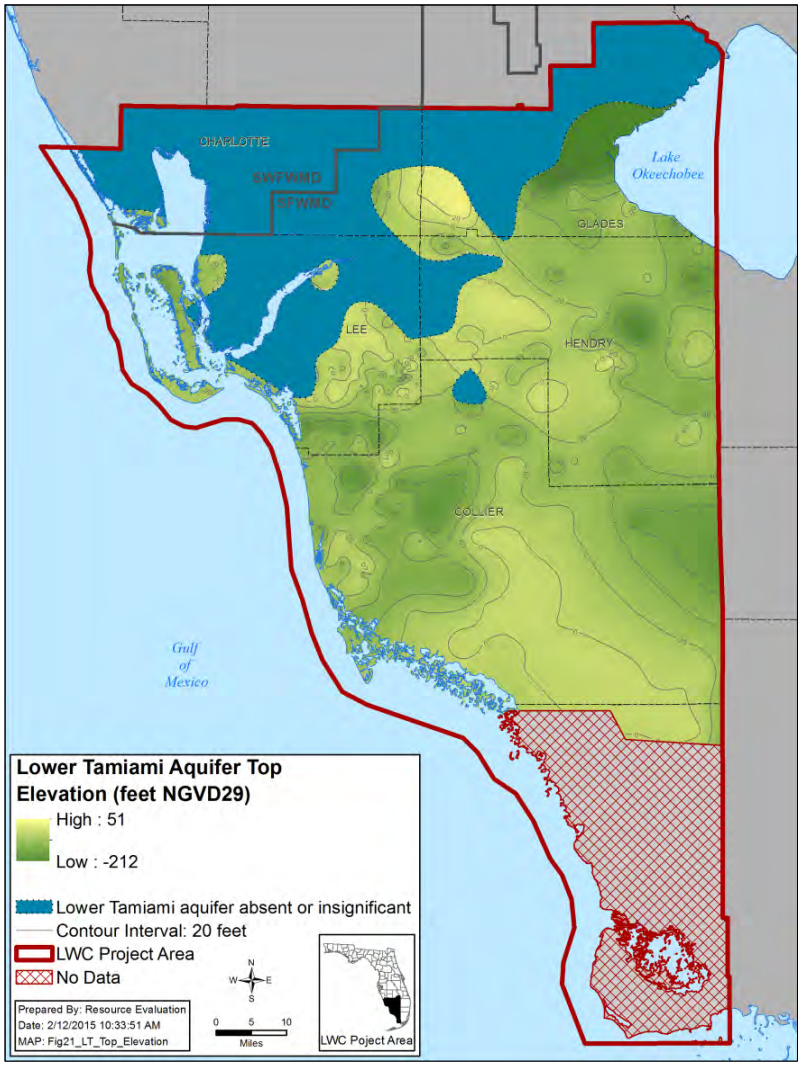

Figure 21. Elevation of the top of the Lower Tamiami aquifer.

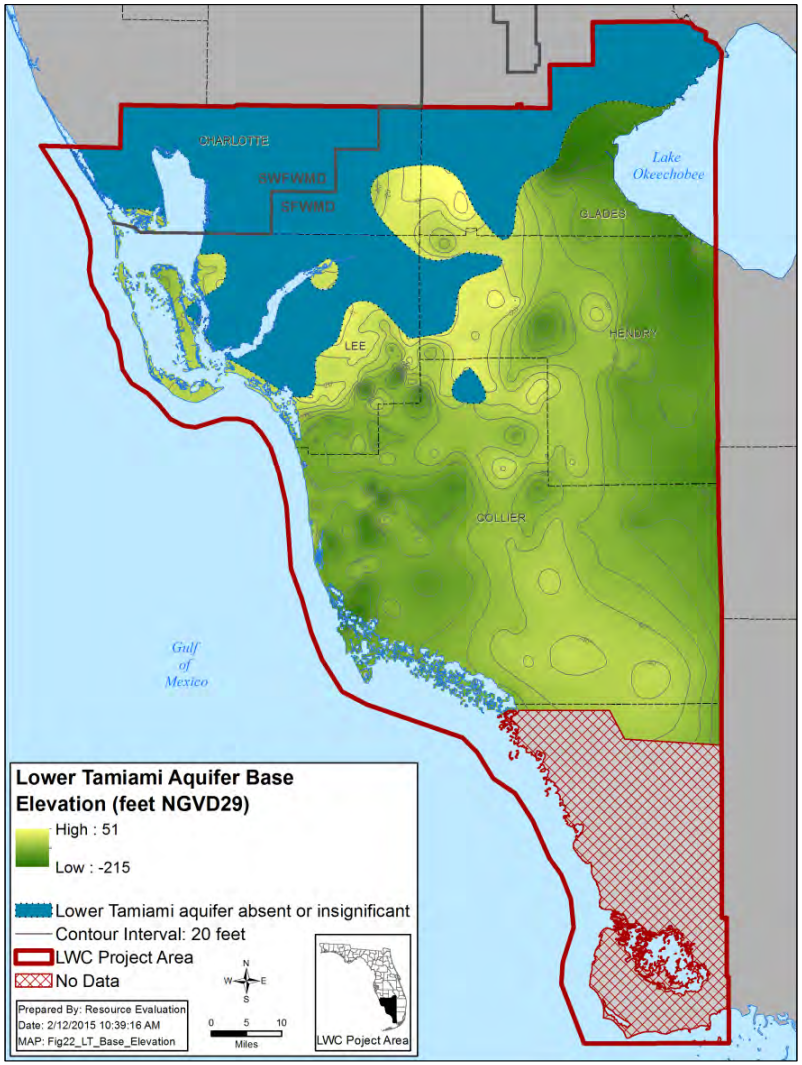

Figure 22. Elevation of the base of the Lower Tamiami aquifer.

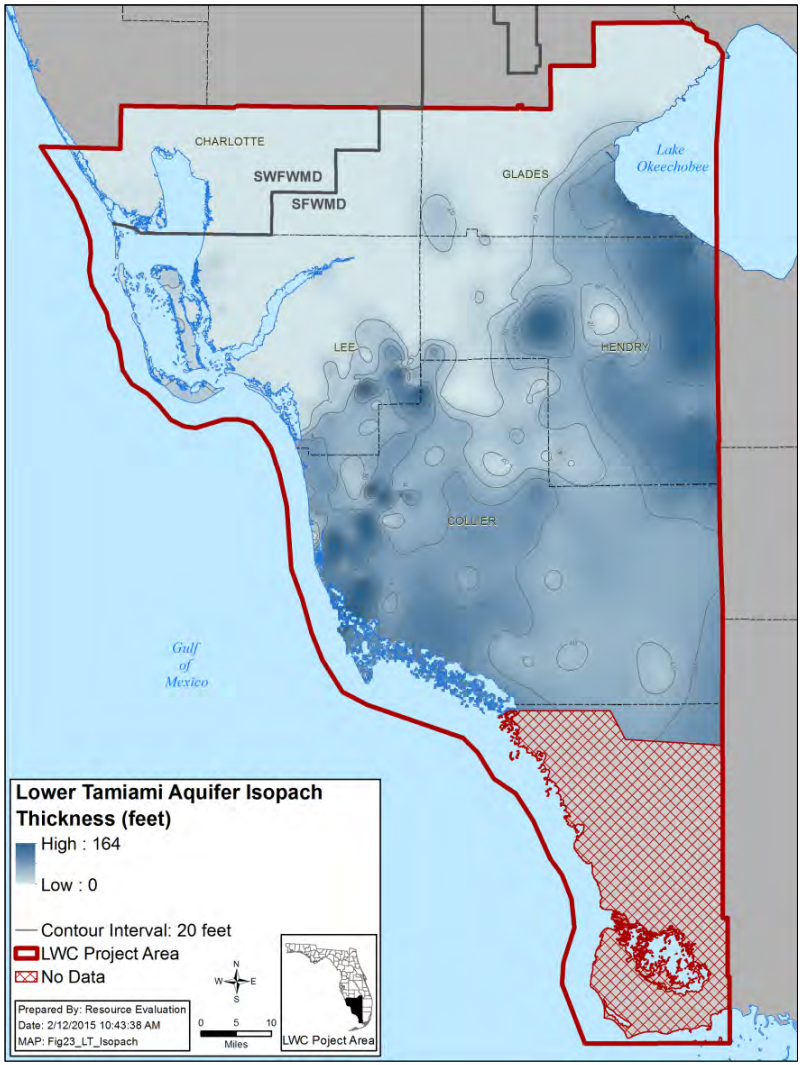

Figure 23. Thickness of the Lower Tamiami aquifer.

Upper Hawthorn Confining Unit

The Upper Hawthorn confining unit isopach map was generated by subtracting the base of the Lower Tamiami aquifer from the top of Sandstone aquifer or underlying Hawthorn unit where the Sandstone aquifer is absent. The wells used to develop the maps are shown in **Figure 24**. As seen in **Figure 25**, the thickness of the Upper Hawthorn confining unit ranges from 0 feet in western Collier County and eastern Hendry County to 243 feet in north central Hendry County.

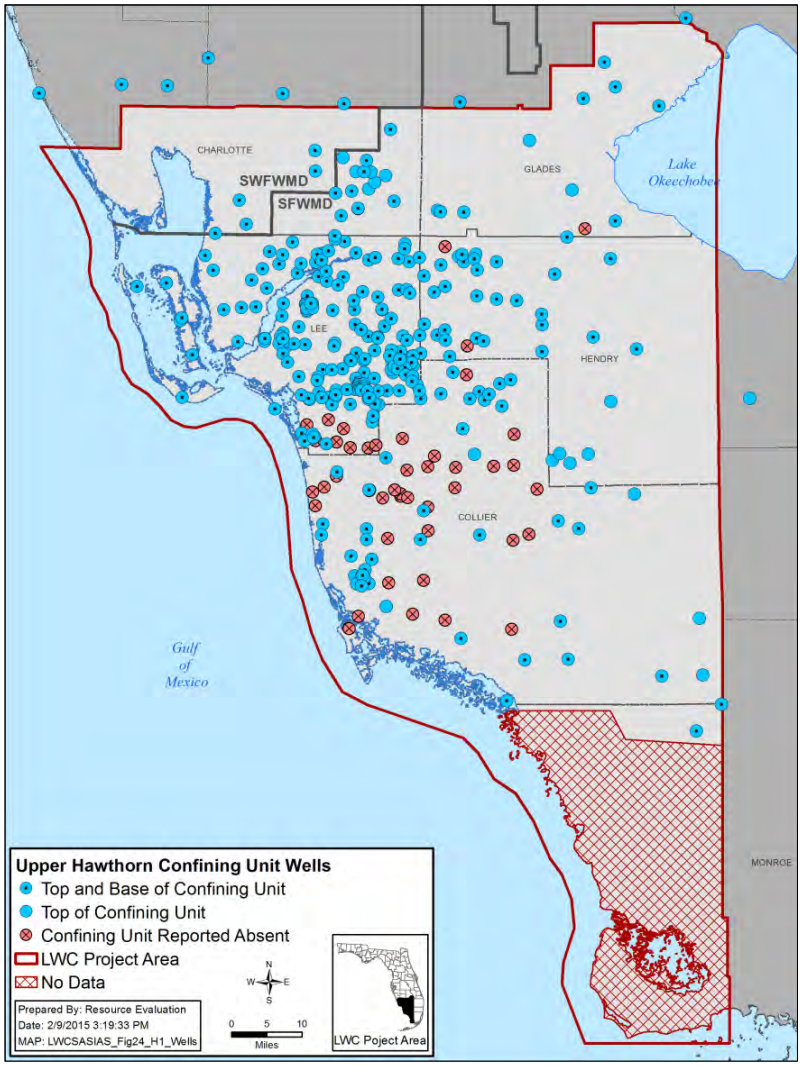

Figure 24. Upper Hawthorn confining unit well locations.

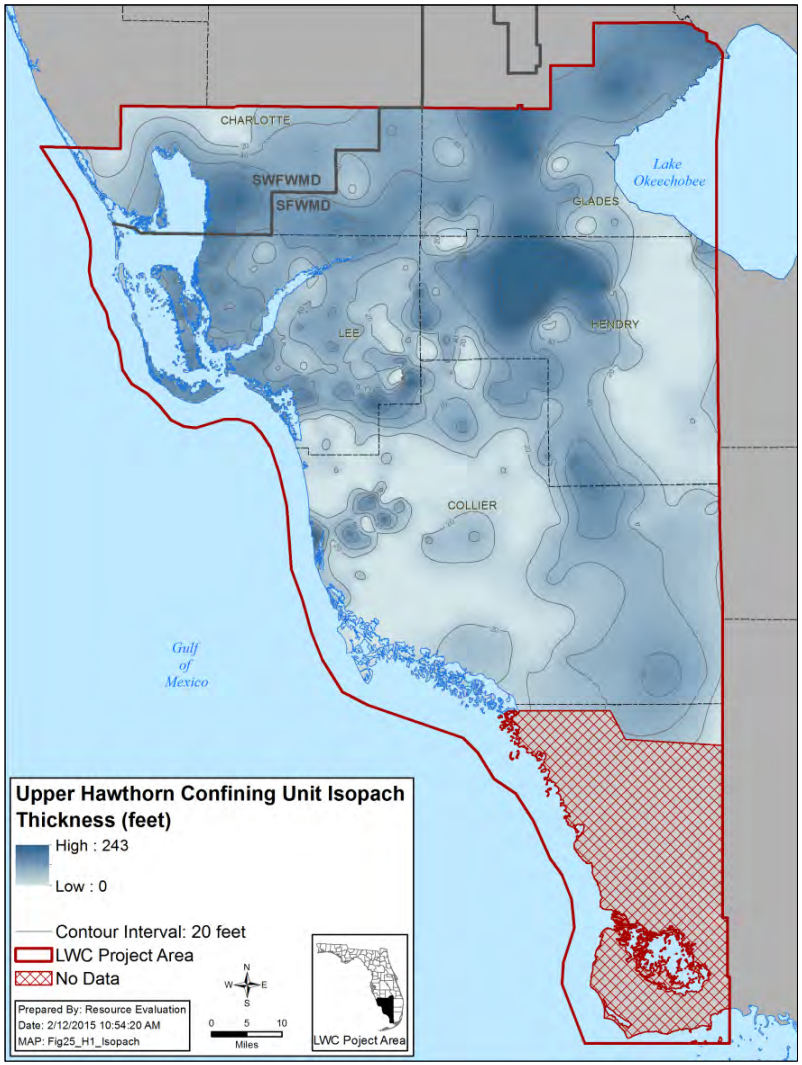

Figure 25. Thickness of the Upper Hawthorn confining unit.

Sandstone Aquifer

The Sandstone aquifer was mapped as a single aquifer. In addition, individual maps were prepared for the upper clastic (base) and lower carbonate (top) units. The base of the upper clastic unit does not necessarily correspond to the top of the lower carbonate unit where separated by a confining unit. The undifferentiated Sandstone aquifer top surface was interpolated using data from 410 wells, including 35 locations where the aquifer is absent. The isopach and aquifer base maps were developed from 279 wells (**Figure 26**).

As shown in **Figure 27,** the elevation of the top of the Sandstone aquifer ranges from 5 feet NGVD to -262 feet NGVD, with the highest elevations in central-northern Collier County and the lowest in north-central Hendry County. The base of the Sandstone aquifer (**Figure 28**) occurs at a maximum elevation of -26 feet NGVD in western Glades County and a minimum of -363 feet NGVD in north-central Collier County. The thickness of the Sandstone aquifer ranges from 0 feet in west-central Glades, eastern Hendry, and northeastern Collier counties to a high of 264 feet in north-central Collier County (**Figure 29**).

Clastic Zone

The base of the upper clastic zone was mapped using 142 aquifer picks (**Figure 30**). The elevation of the base of the clastic zone ranges from -11 feet NGVD to -280 feet NGVD. The highest elevation was found in the western Glades County and the lowest in north-central Hendry County (**Figure 31**). The thickness of the clastic zone ranges from 0 feet in central to north Charlotte, central to north Glades, eastern Hendry, and northeastern Collier counties to a high of 169 feet in central Collier County (**Figure 32**).

Carbonate Zone

The map of the top surface of the lower carbonate zone was based on 128 wells (**Figure 33**). The elevation of the top of the carbonate zone ranges from -12 feet NGVD to -306 feet NGVD, with the highest elevation in western Glades County and the lowest in central Collier County (**Figure 34**). The thickness of the carbonate zone ranges from 0 feet in central to western Lee, eastern Glades, Hendry, and Collier counties to a high of 169 feet in central Collier County (**Figure 35**).

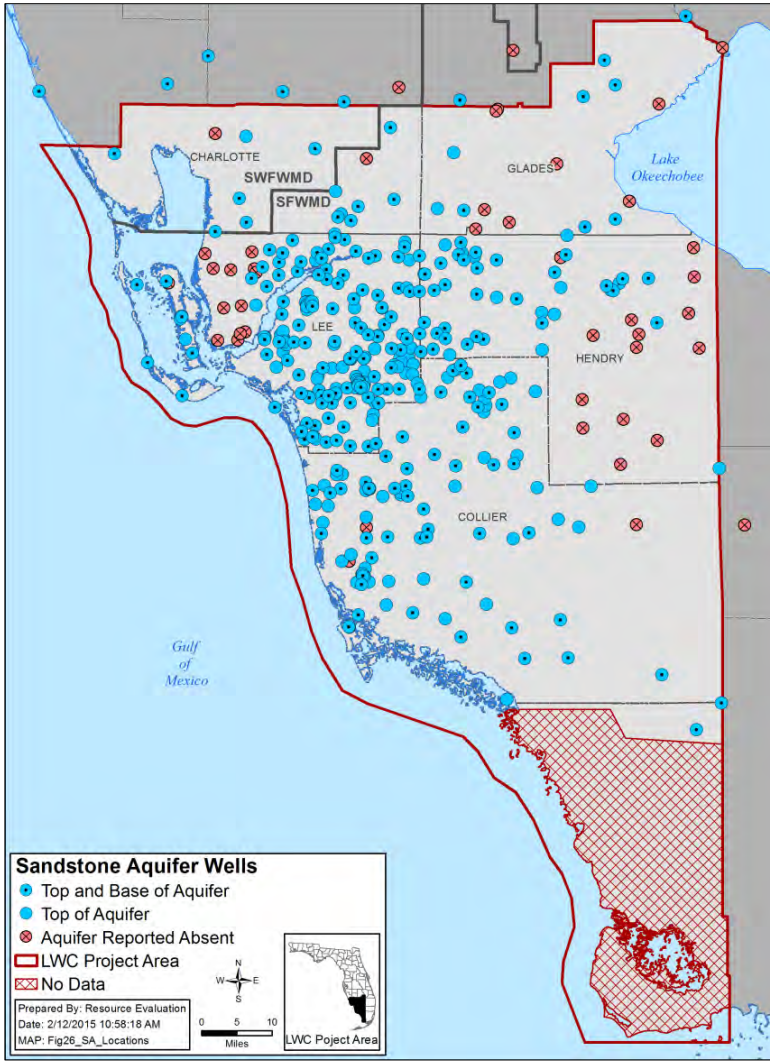

Figure 26. Sandstone aquifer well locations.

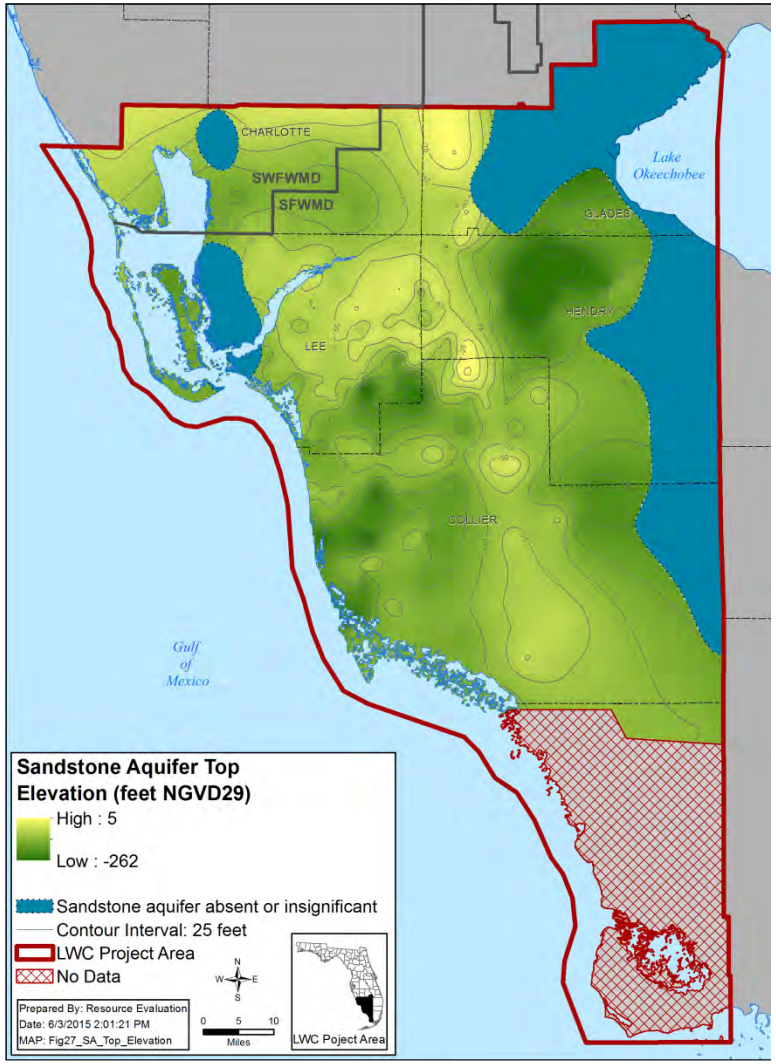

Figure 27. Elevation of the top of the Sandstone aquifer.

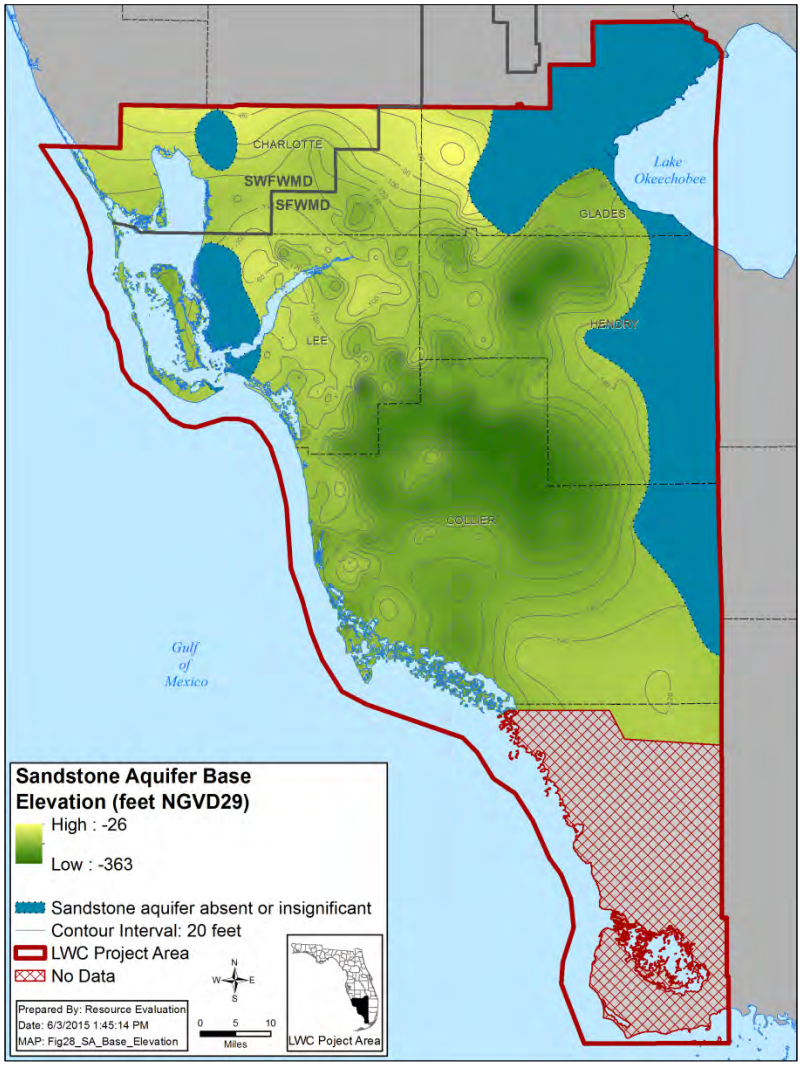

Figure 28. Elevation of the base of the Sandstone aquifer.

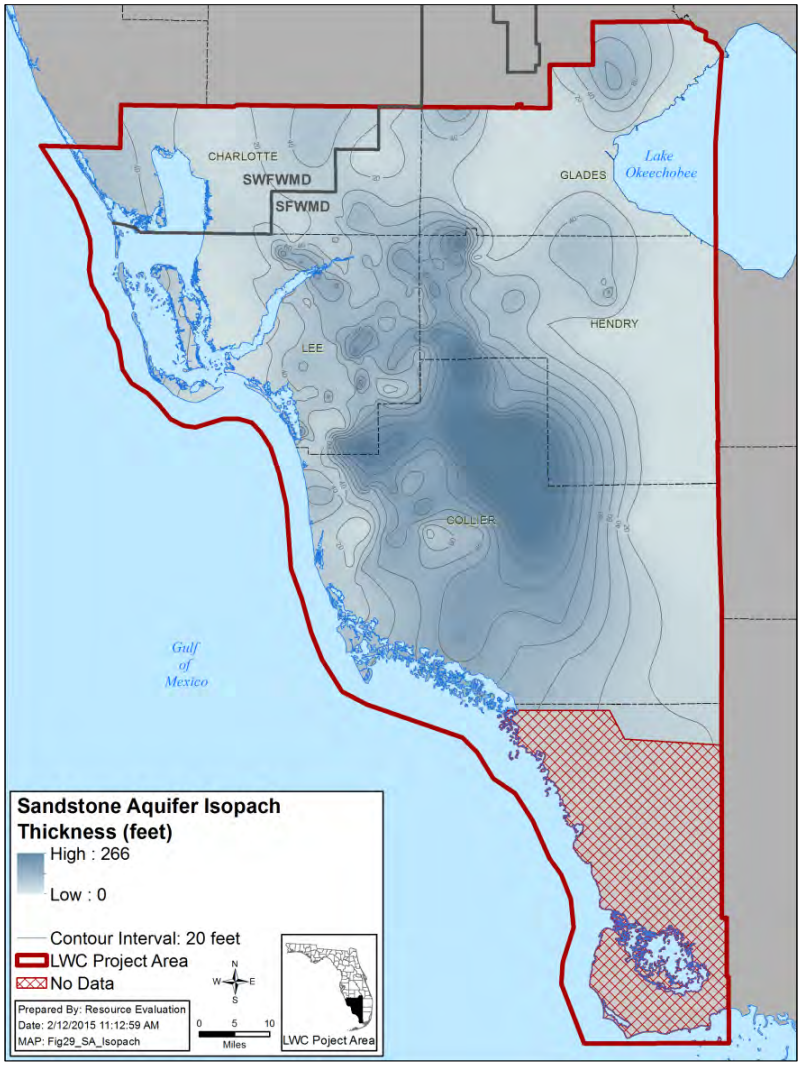

Figure 29. Thickness of the undifferentiated Sandstone aquifer.

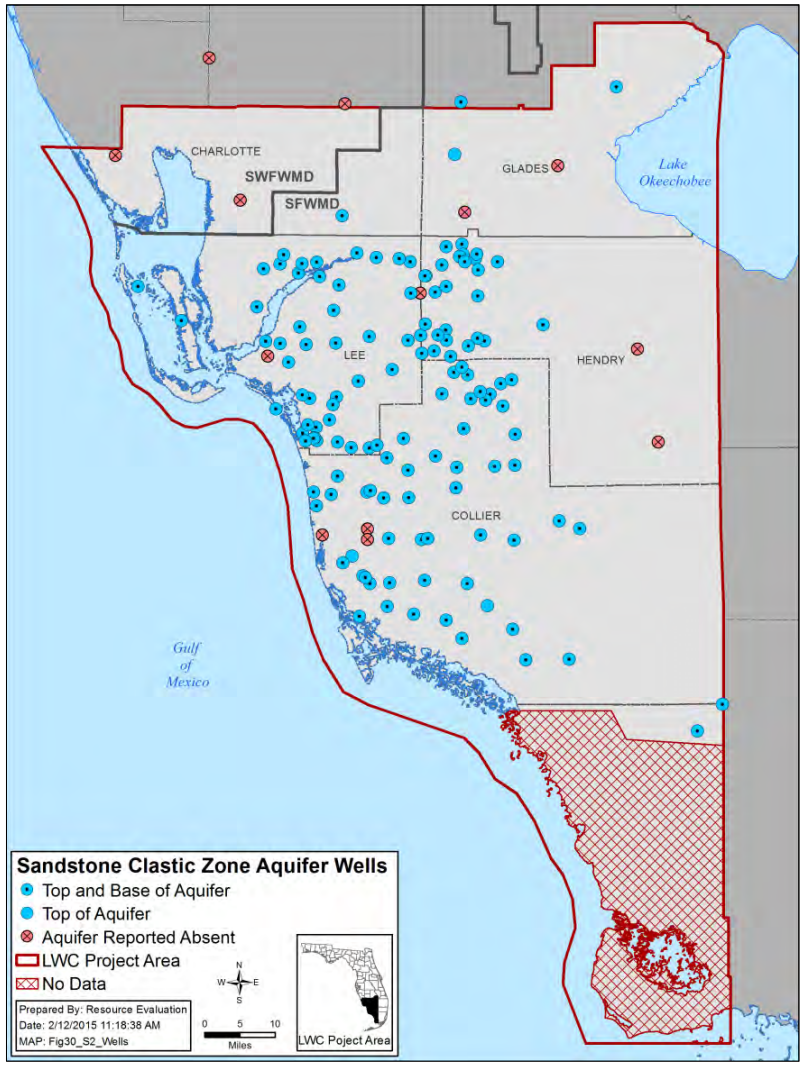

Figure 30. Clastic zone of the Sandstone aquifer well locations.

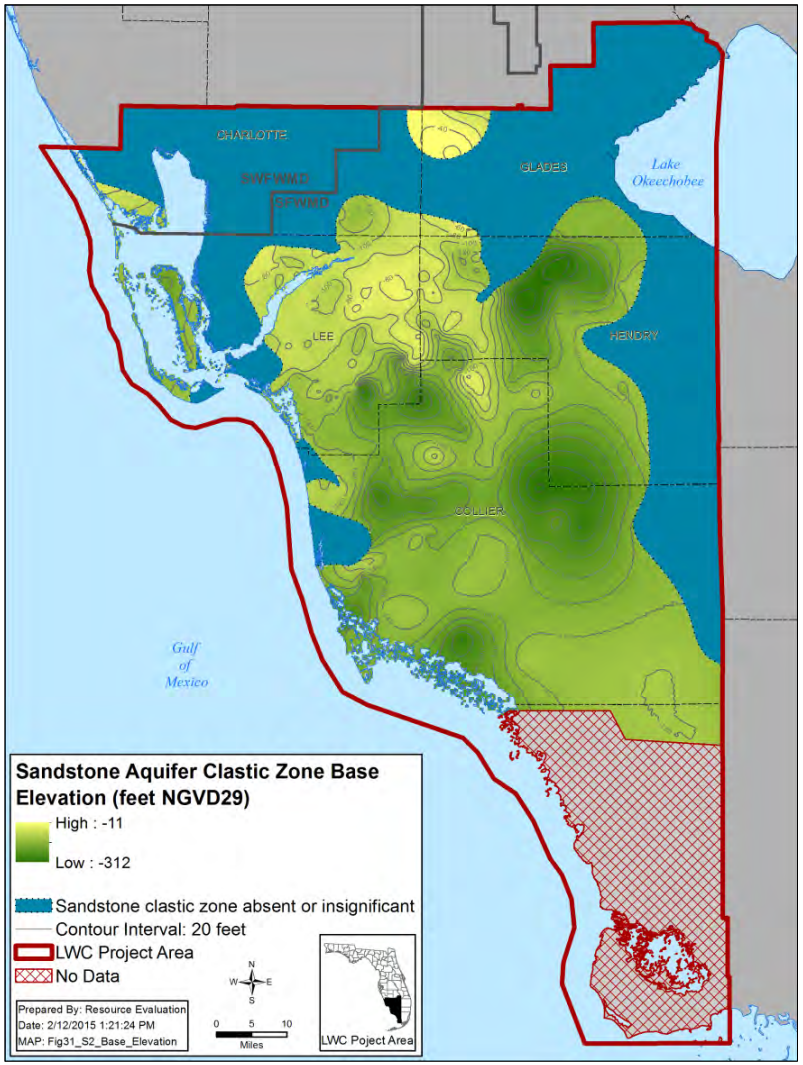

Figure 31. Elevation of the base of the clastic zone of the Sandstone aquifer.

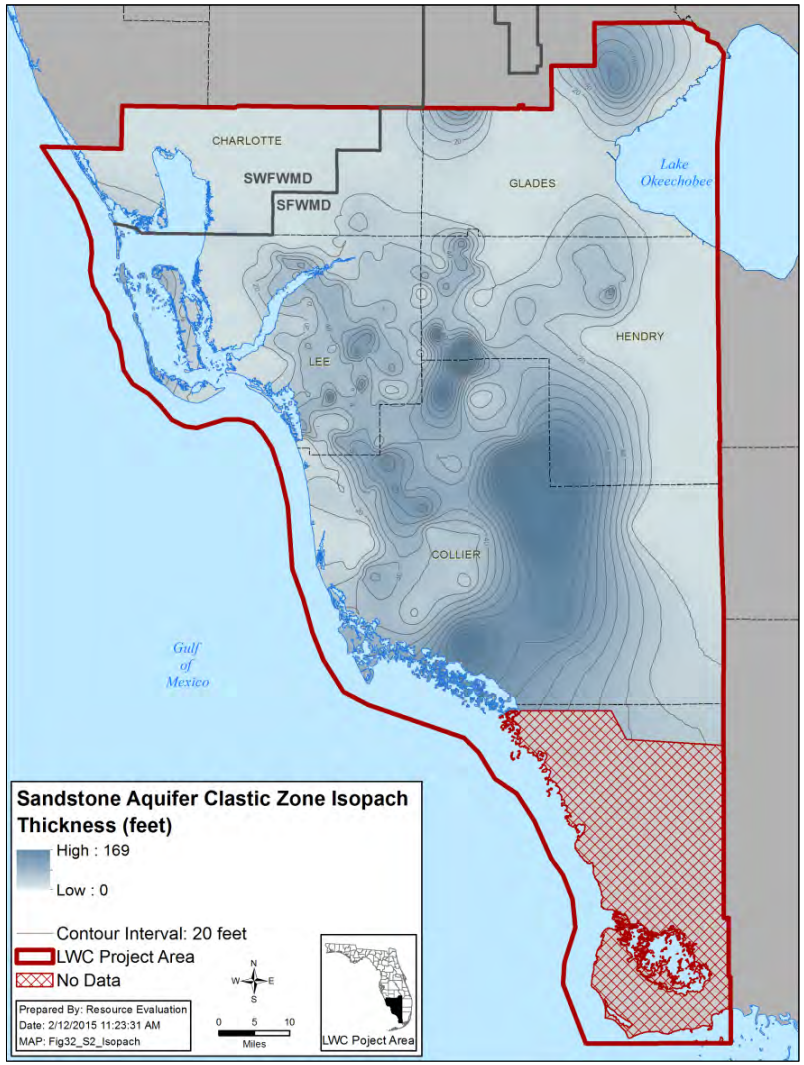

Figure 32. Thickness of the carbonate zone of the Sandstone aquifer.

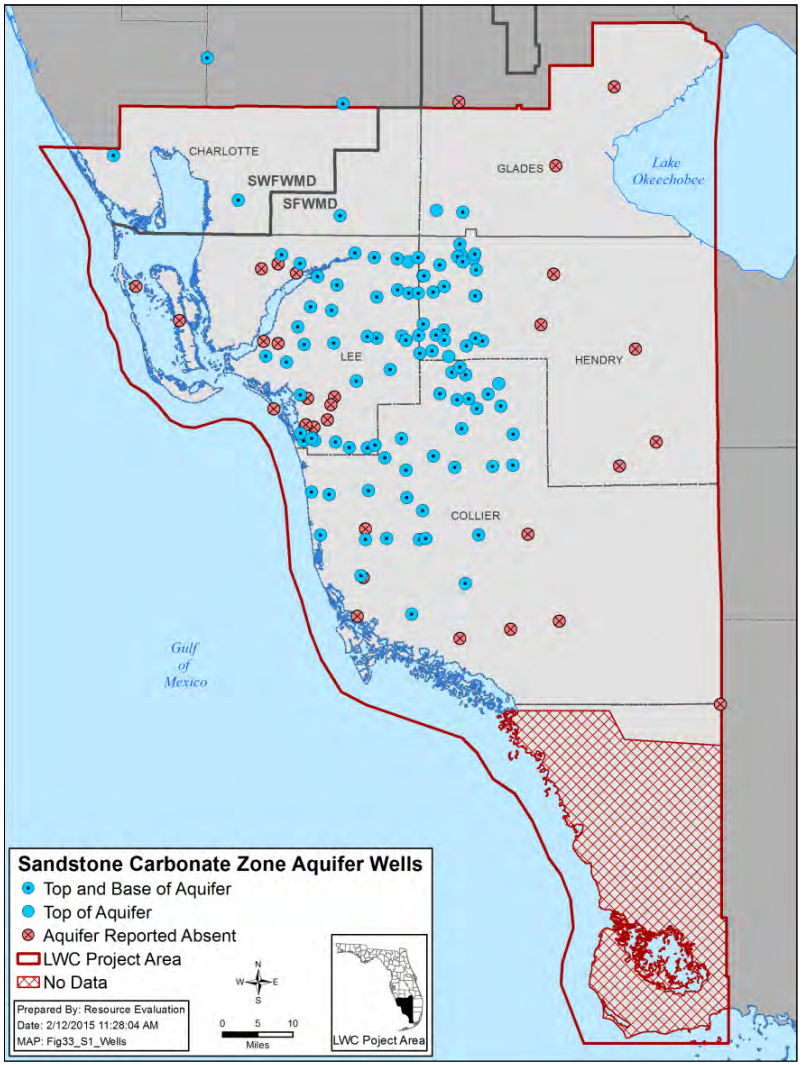

Figure 33. Carbonate zone of the Sandstone aquifer well locations.

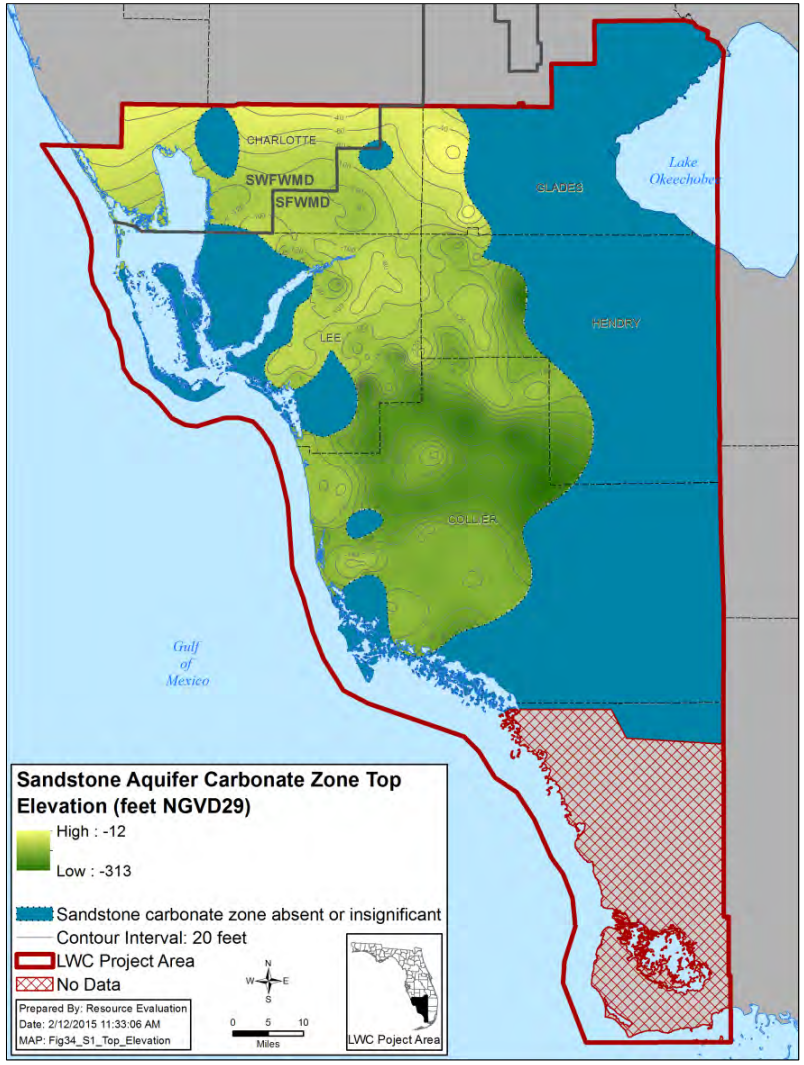

Figure 34. Elevation of the top of carbonate zone of the Sandstone aquifer.

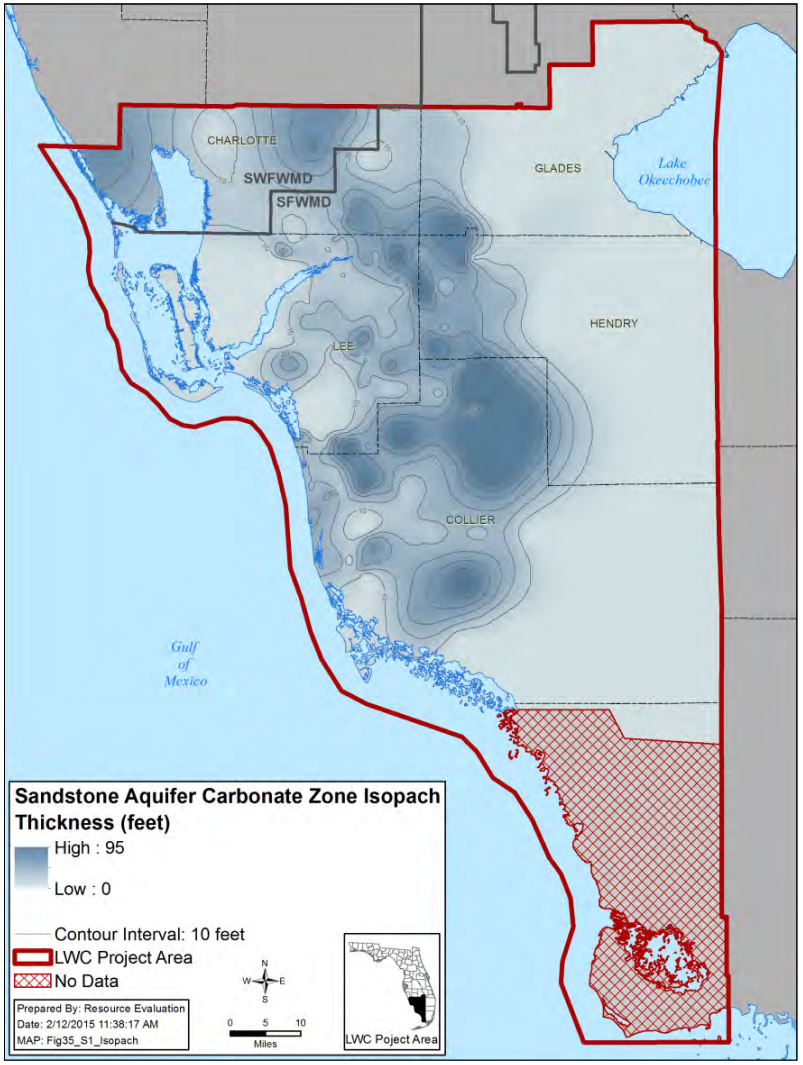

Figure 35. Thickness of the carbonate zone of the Sandstone aquifer.

Mid-Hawthorn Confining Unit

The Mid-Hawthorn confining unit isopach map was generated by subtracting the base of the Sandstone aquifer from the top of the underlying Mid-Hawthorn confining unit, or the Lower Hawthorn confining unit where the Mid-Hawthorn aquifer is absent. Well locations for measuring the thickness of Mid-Hawthorn confining unit are shown in **Figure 36**. The thickness of the Mid-Hawthorn confining unit ranges from 0 feet in western Lee County to 348 feet in the northeastern portion of Hendry County (**Figure 37**).

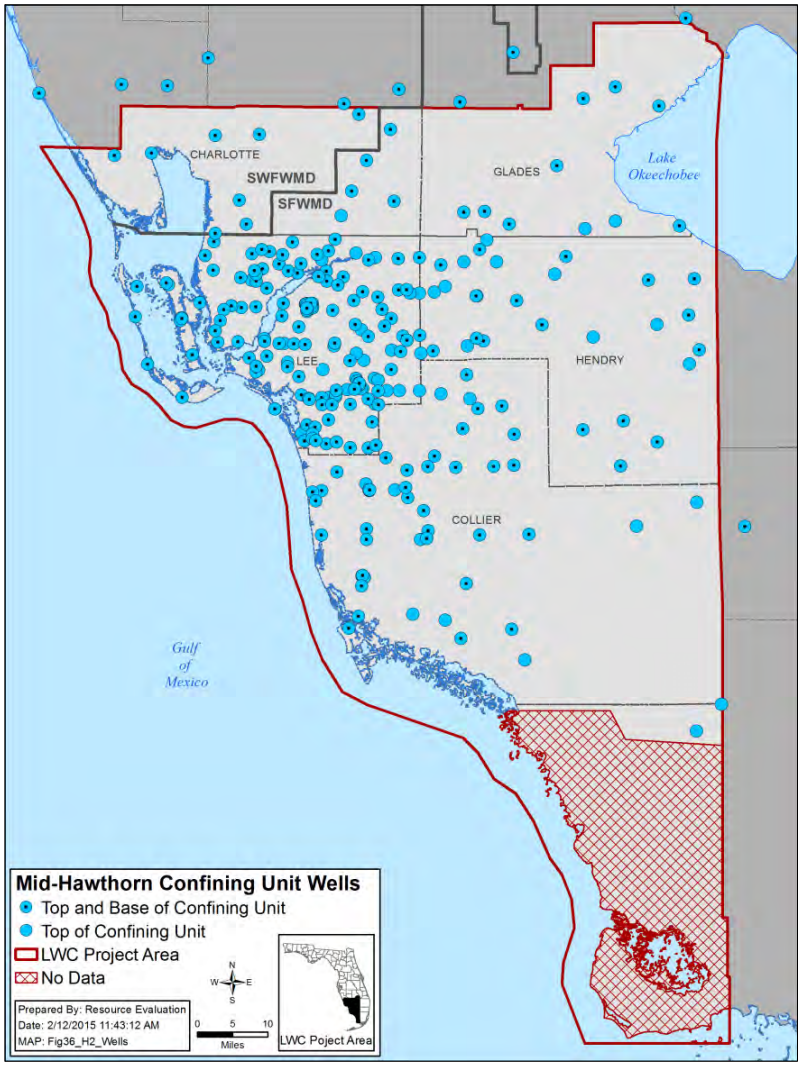

Figure 36. Mid-Hawthorn confining unit well locations.

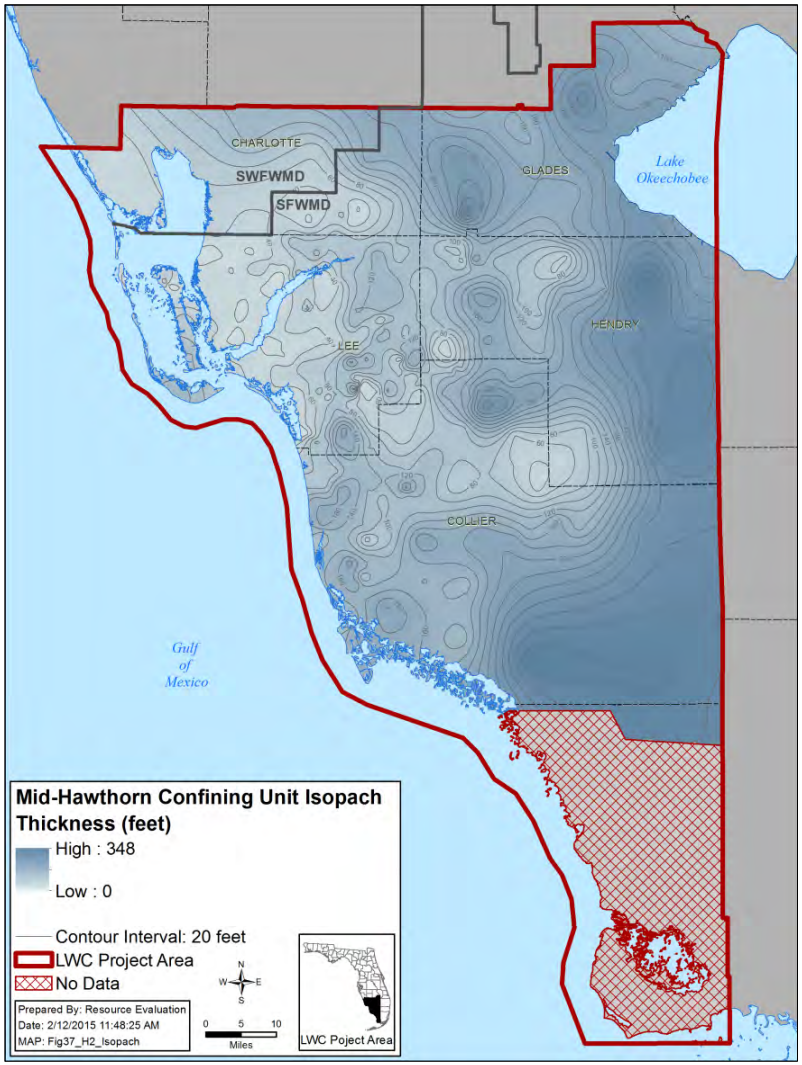

Figure 37. Thickness of Mid-Hawthorn confining unit.

Mid-Hawthorn Aquifer

The Mid-Hawthorn aquifer upper surface was interpolated using data from 240 wells, including 17 locations where the Mid-Hawthorn aquifer is known to be absent. The isopach and base of the aquifer were mapped using 130 aquifer picks (**Figure 38**).

As can be seen in **Figure 39**, the elevation of the top of the Mid-Hawthorn aquifer ranges from -92 feet NGVD to -524 feet NGVD, with the highest elevations in northwestern Lee County and the lowest in north-central Collier County. The base of the Mid-Hawthorn aquifer (**Figure 40**) has a maximum elevation of -163 feet NGVD in south-central Charlotte County and a minimum elevation of -585 feet NGVD in north-central Collier County. The thickness of the Mid-Hawthorn aquifer ranges from 0 feet in south-central Charlotte and western Hendry counties to 268 feet in western Collier County (**Figure 41**).

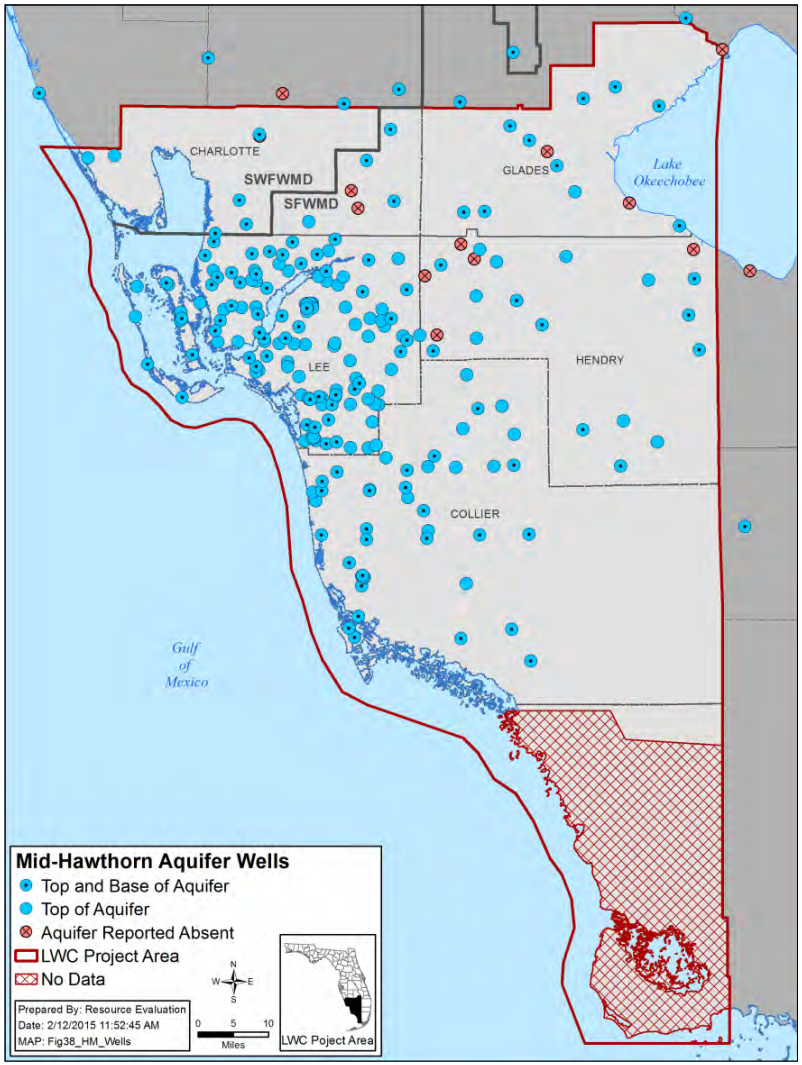

Figure 38. Mid-Hawthorn aquifer well locations.

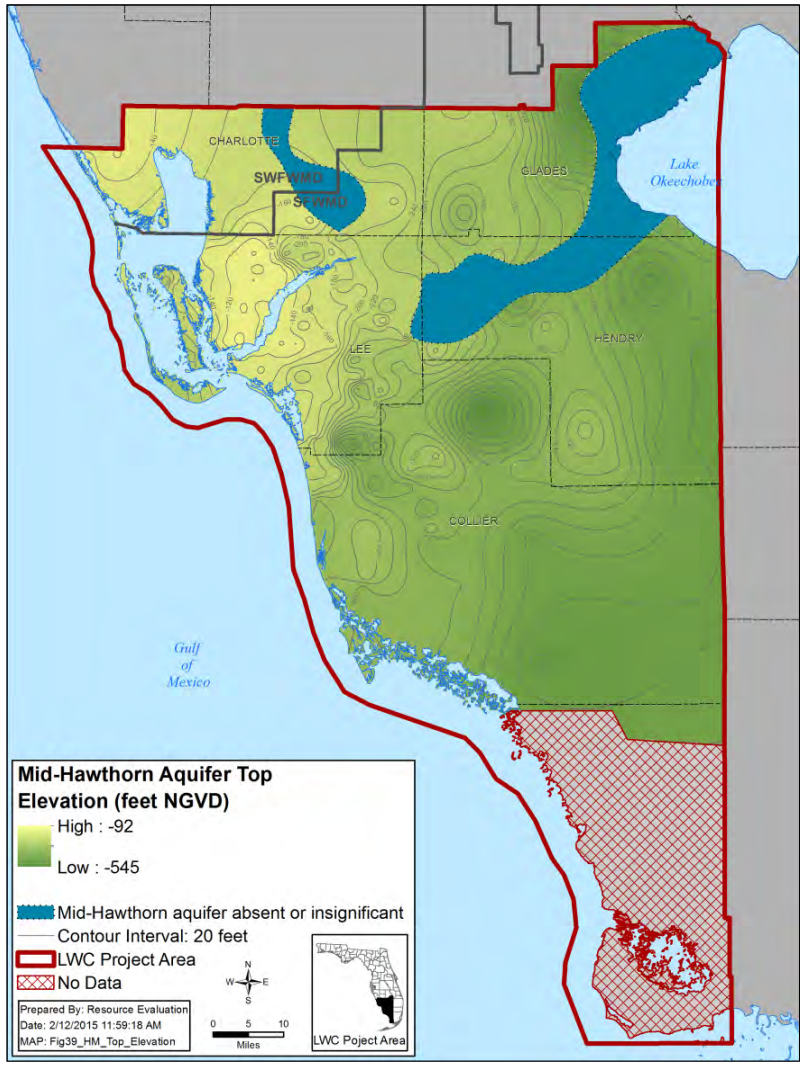

Figure 39. Elevation of the top of the Mid-Hawthorn aquifer.

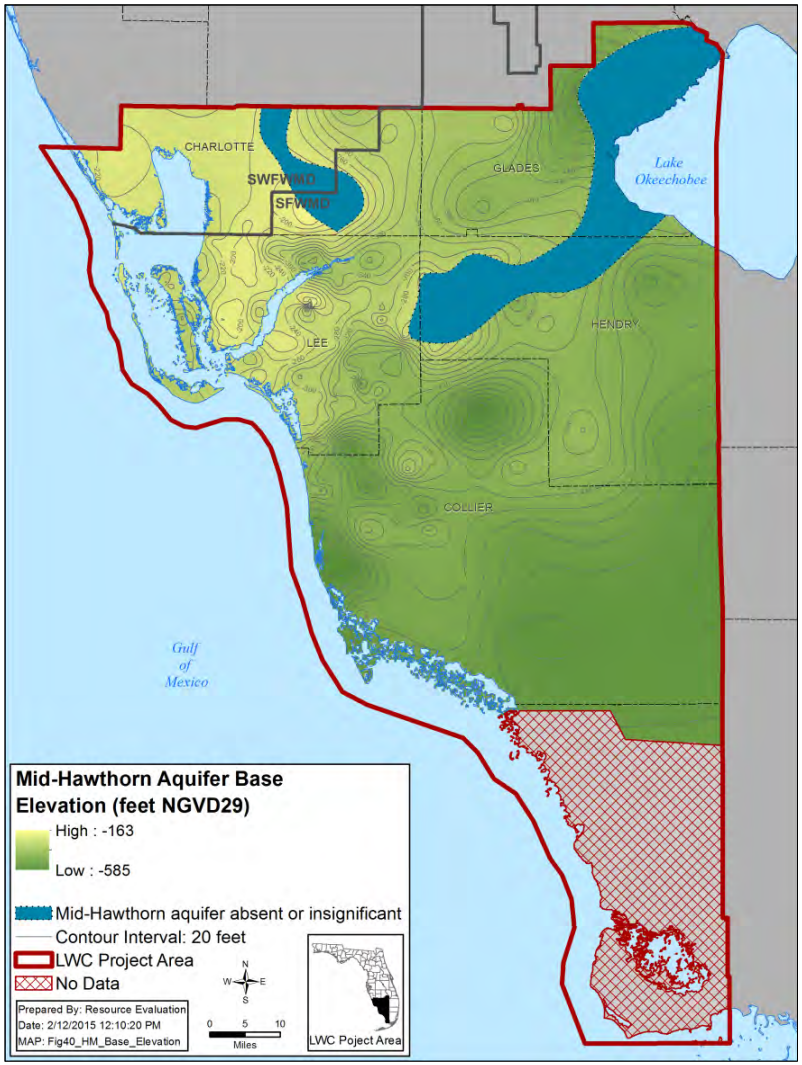

Figure 40. Elevation of the base of the Mid-Hawthorn aquifer.

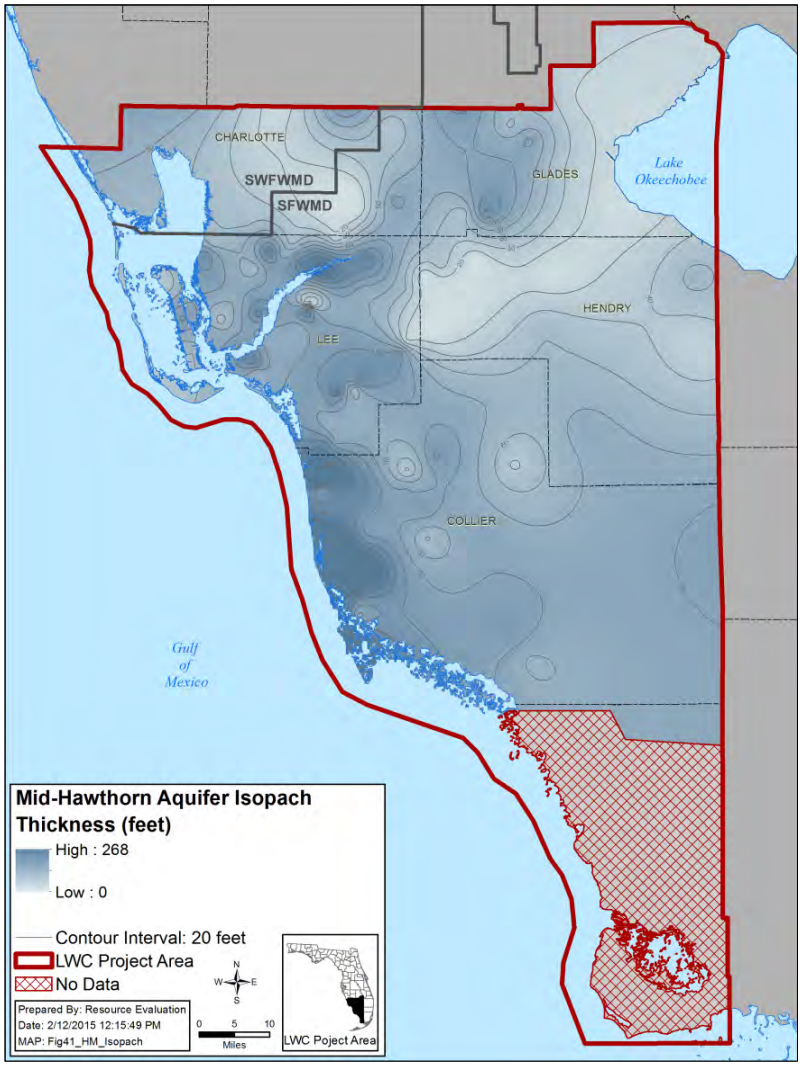

Figure 41. Thickness of the Mid-Hawthorn aquifer.

Lower Hawthorn Confining Unit

The Lower Hawthorn confining unit isopach was generated from 126 wells (**Figure 42**). The thickness of the Lower Hawthorn confining unit ranges from 26 feet in western Collier County to 644 feet in south-central Hendry County (**Figure 43**).

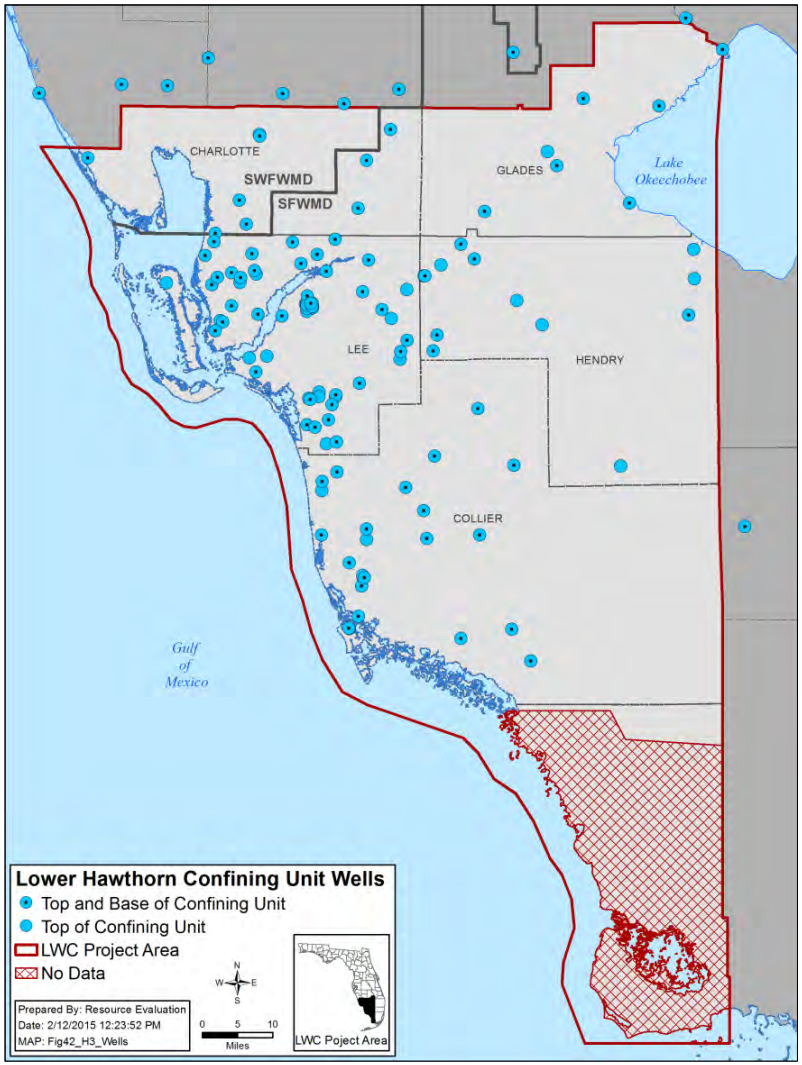

Figure 42. Lower Hawthorn confining unit well locations.

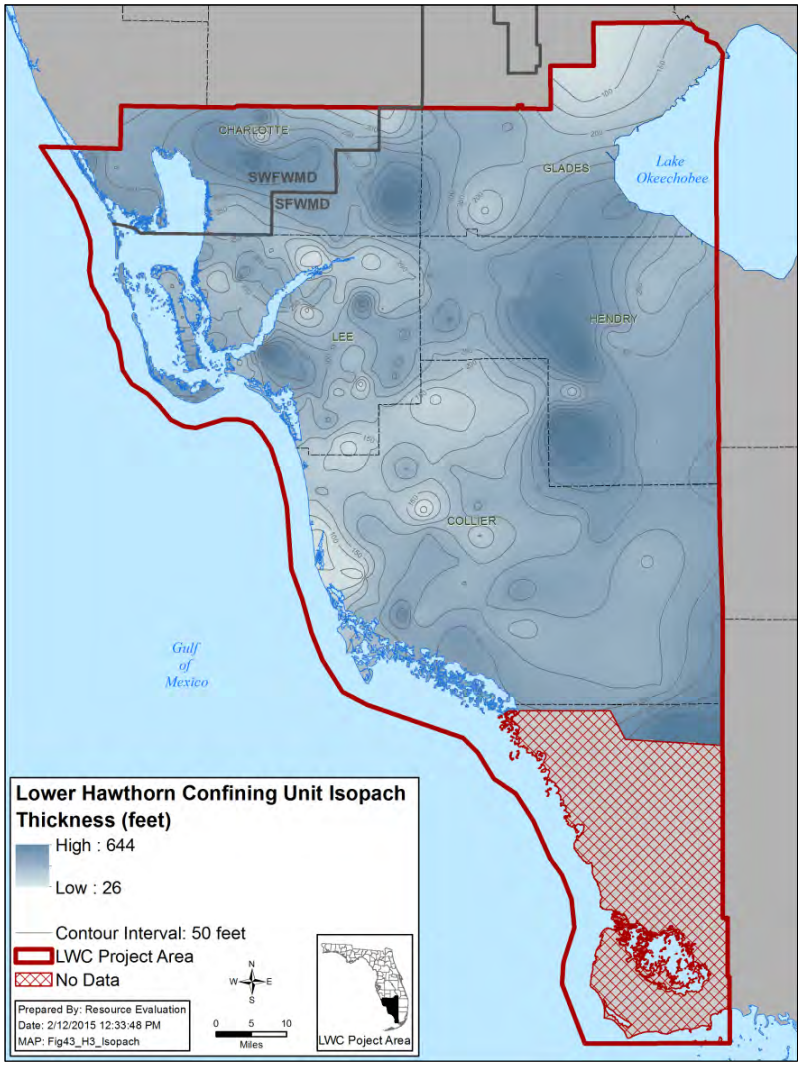

Figure 43. Thickness of the Lower Hawthorn confining unit.

CROSS-SECTIONS

Ten cross-sections, one north-south and one west-east for each of Charlotte, Glades, Lee, Hendry, and Collier counties were created as part of the project using the VIEWLOG software (Kassenaar 2003). **Figure 44** shows the cross-section locations. Cross-sections are found in **Appendix C**. These locations were chosen in areas with good data and where the sections could be anchored with 'golden spike' wells.

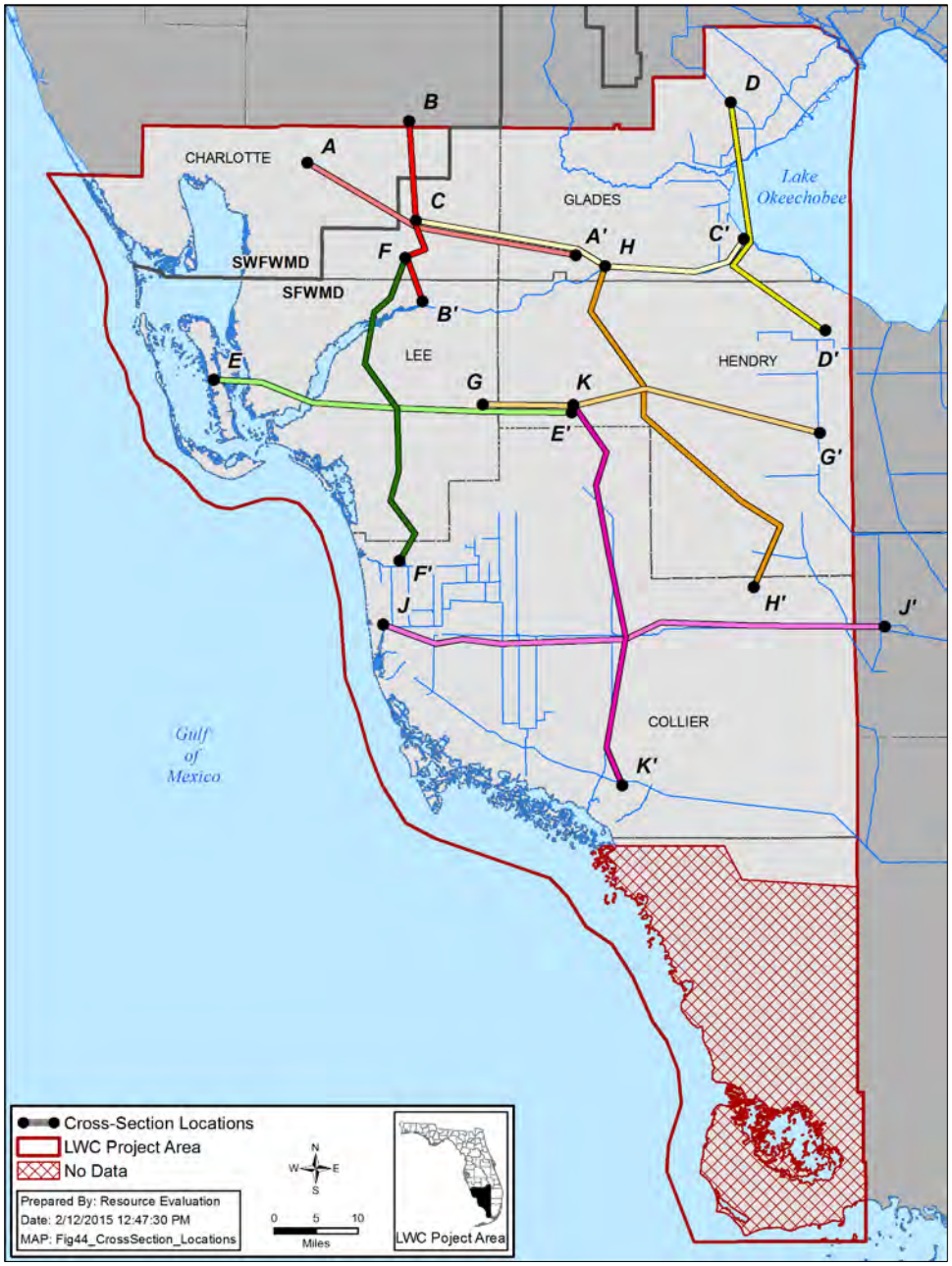

Figure 44. Cross-section locations.

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5
Discussion

Properly correlating the mapped hydrogeologic units to equivalent units in the neighboring SWFWMD was of particular importance to this project. Therefore, input from SWFWMD hydrogeologists was solicited. The SWFWMD recommended eight wells near the SFWMD-SWFWMD border as representative of SWFWMD geology and nomenclature, and provided extensive data sets for those sites. The SWFWMD also cited Knochenmus (2006) as a key reference for understanding how the hydrogeologic units of the SAS and IAS are defined for them, and DeWitt and Mallams (2007) for proposed changes to the hydrogeologic nomenclature of the IAS, while SFWMD references Wedderburn et al. (1982) for the standard hydrogeologic nomenclature in this region (**Figure 45**).

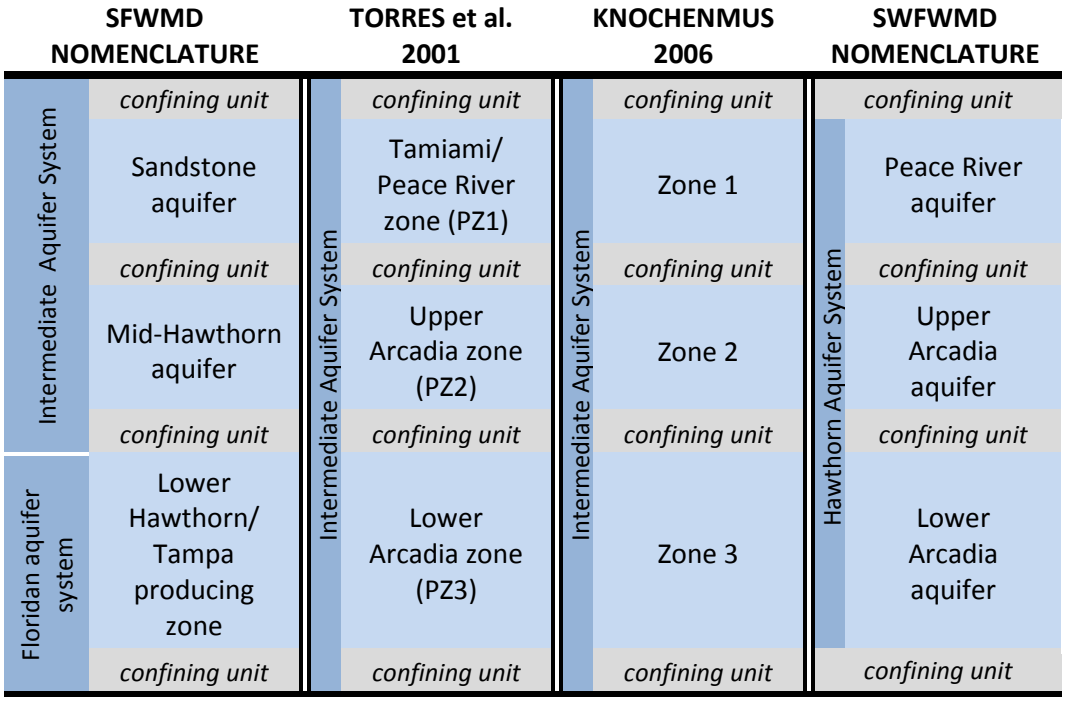

Figure 45. Nomenclature for the IAS (Modified after DeWitt and Mallams 2007).

Review of those documents showed that, although the nomenclature differs, the definitions of hydrogeologic units in the two districts are generally equivalent. The Sandstone aquifer corresponds to SWFWMD's Peace River aquifer (Zone 1) and the Mid-Hawthorn aquifer is equivalent to the Upper Arcadia aquifer (Zone 2). One way in which SWFWMD differs from most of the information sources used in this effort is that SWFWMD collects continuous cores

during drilling but does not perform production logging. This difference in approach may lead SWFWMD to include less permeable zones (such as might be more easily identified in core permeability testing) than would typically be considered significant producing zones by SFWMD. In these instances, the aquifer units mapped by SWFWMD may be slightly thicker than those mapped for this project, but are otherwise consistent. It has been noted that in areas with very large gaps between data points, consistency in definition is not a guarantee that there is hydraulic continuity. Lacking evidence to the contrary, however, it was agreed that assuming continuity is the prudent approach. Less readily resolved technical issues included the application of unit definitions, productivity, spatial variation in the units, and the level of detail, local versus regional.

The Mid-Hawthorn aquifer and Sandstone aquifer are examples of units where identification of the boundaries is affected by the application of the unit definition. These aquifers are defined to an extent by their stratigraphic position. When distinct boundaries exist between the Tamiami, Peace River, and Arcadia formations, the hydrogeologic unit definitions can be readily applied. Difficulties arise where the contacts between the stratigraphic units are gradational. This can lead to variations of more than 100 feet in reported stratigraphic boundaries between wells near each other. In some cases, this could mean that a production interval may be identified as either the first permeable zone of the Mid-Hawthorn aquifer or the lower carbonate zone of the Sandstone aquifer.

The previous study (BEM Systems, Inc. 2003) identified a thick sequence of Sandstone aquifer in the eastern portion of the project area. It is uncertain, however, if this entire sand unit is actually Peace River Formation or includes an unnamed, overlying formation. The sands are substantially different from the characteristic Lehigh Acres Sandstone associated with the Sandstone aquifer. Likewise, identification of Sandstone aquifer and Mid-Hawthorn aquifer are hampered by lack of fixed standards for defining whether a unit is productive. The paleo-channel sands (Cunningham et al. 1998) are included in the Sandstone aquifer; however the sands farther to the east are not included in this aquifer as the available lithologic data was not substantiated by hydraulic data. These unconsolidated sands are extensively used in the central portion of the study area and have been classified as part of the Sandstone aquifer in this study. However, there is scant hydraulic data available to assess their production capacity farther to the east.

In addition to gradational contacts between units, spatial variation is another complicating factor. For example, the Tamiami confining unit is highly variable and includes both the Bonita Springs Marl and low permeability sands and silt. There is often insufficient data at the local scale to assess the degree of confinement within the Tamiami confining unit. As another example, the upper clastic zone of the Sandstone aquifer directly underlies and is much more hydraulically connected to the Lower Tamiami aquifer than the lower carbonate zone of the Sandstone aquifer. In certain areas, the upper clastic zone is unconfined, while the lower carbonate zone is consistently confined and typically artesian. This degree of spatial variability in the Sandstone aquifer forced the necessity of discretely mapping the carbonate and clastic zones.

As discussed previously, considerable spatial variability was observed in the Mid-Hawthorn aquifer as well. Most sites where multiple Mid-Hawthorn aquifer zones have been identified, however, are clustered in coastal areas. Because each site was analyzed independently, the first permeable zone of the Mid-Hawthorn aquifer at one site does not necessarily correlate to the first permeable zone of the Mid-Hawthorn aquifer at another site. Although it was desirable to break out discrete zones of the Mid-Hawthorn aquifer in the mapping, the nature of the available data made it necessary to "lump" these units.

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6

Limitations & Recommendations

This project updated and refined the current understanding of the hydrogeology of the LWC Planning Area and the adjoining C-139 Basin in the Lower East Coast Planning Area. Hydrogeologic units of regional significance were mapped within both the SAS and IAS. Technical uncertainties affecting the accuracy of the maps are predominantly caused by limited spatial representation and data quality, how the units have been defined, and the heterogeneous nature of the aquifers themselves.

As additional data are collected and investigations are carried out, this product may be revised based upon the new information. For example, water level, hydraulics, and water quality data in these aquifers are currently being compiled for modeling purposes, such as development of model layering. As these data sets add to the hydrogeologic conceptualization, it is expected that the initial hydrogeologic maps will be revised during model implementation for the forthcoming LWCSIM. For that reason, modeling recommendations are not explicitly provided herein as that additional data will aid in decision-making. Likewise, additional well data will be considered for future updates.

Limitations and recommendations for optimizing the mapping of the Lower West Coast Planning Area's SAS and IAS are discussed below.

- Criteria for hydrogeologic unit definitions were agreed upon at the initiation of the project. Within the LWC Planning Area, the accepted hydrogeologic unit definitions are generally defined on the basis of the formational units that encompass them. This project pulled reported data from many different sources and validated that reported hydrogeologic unit boundaries conformed to the project definitions prior to use in mapping. It was not feasible within the project scope, however, to assess whether individual reports interpreted the lithostratigraphic units on which the hydrogeologic units were based consistently due to different investigators and authors over the years. During the course of surface interpolation, enough clearly inconsistent interpretations were identified to conclude that this might be a common problem in the region. This is a particular concern in discriminating between the carbonate zone of the Sandstone aquifer and the uppermost zone of the Mid-Hawthorn aquifer.
- A helpful follow-up to this report would be to use available geophysical logs to create a correlative framework across the project area and examine the reported lithostratigraphic and hydrogeologic unit boundaries in light of that framework. This would provide a means to evaluate the consistency of data interpretation for the formations and the aquifer units defined on the basis of these formations. This would also provide a valuable aid to local hydrogeologists for identifying formations, yielding more consistent data in the future.

- Multiple permeable zones with significant variations in head and water quality have been identified within the Mid-Hawthorn aquifer in coastal Lee and Collier counties. There was not sufficient data to map these permeable zones discretely across the entire project area. A focused investigation should be conducted on the continuity and extents of permeable zones within the Mid-Hawthorn aquifer. However, additional field data would be required in the inland areas of the LWC Planning Area. If the Mid-Hawthorn aquifer is being considered as an additional source of water, it is critical for the aquifer to be more precisely characterized. In the eastern portions of the project area, uncertainty in identification of the hydrogeologic unit boundaries increased due to limited empirical data for the productive capacity of the IAS units.
- Additional quantitative data should be collected on the hydraulic properties of the Sandstone and Mid-Hawthorn aquifers. This can be used to further assess the availability of water in the project area.
- A lack of direct measurement of the leakance properties of the Tamiami confining unit hampered the assessment of that unit. It was often necessary to infer permeability from lithologic description or basic geophysical logs. Likewise, the heterogeneity of the unit necessitates a higher density of data to provide reliable mapping.
- Additional quantitative data should be collected on the hydraulic properties of the Tamiami confining unit. Future aquifer performance tests on the Lower Tamiami aquifer should be configured with observation wells in both the Lower Tamiami aquifer and the overlying water table aquifer to allow direct measurement of the degree of confinement for improved quantification of water availability.

On a final note, it is recommended that several aspects of the LWC Planning Area aquifer nomenclature be revised to eliminate confusion and bring them more in-line with best practices for naming of hydrostratigraphic units laid out by Special Publication No. 28 (2009 revision) of the Florida Geological Survey (Copeland et al. 2009). These include the following:

- The water table aquifer is not an appropriate formal name because it has an inherent meaning that leads to confusion in some places, such as when it is absent.
- The Sandstone aquifer is not an appropriate formal name because it has an inherent meaning that leads to confusion in some places, such as it is often not comprised of sandstone rock.
- In addition, there is some question as to whether the clastic and carbonate zones of the Sandstone aquifer should be lumped into a single aquifer. There is often significant confinement between these two zones, and even areas where the upper clastic zone is unconfined while the lower carbonate zone is confined.

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Appendix A
Project Data and Citations

Table A-1. Locations where a particular hydrogeologic unit was not reported, or was reported as absent. A thickness of zero was assigned to these points when interpolating the isopach of the referenced unit.

DBHYDRO Station	X-Coordinate	Y-Coordinate	Hydrogeologic Unit	Citation ID[a]
ALLY-TW	714531	668029	Sandstone aquifer	88
BONSP_ROI1	408963	731293	Upper Hawthorn confining unit	40
BONSP_ROM1	408953	731223	Upper Hawthorn confining unit	40
BREX-1	617719	997587	Mid-Hawthorn aquifer	105
BREX-1	617719	997587	Lower Tamiami aquifer	105
BSU-MW	318216	887840	Lower Tamiami aquifer	163
C-1074_G	567054	759277	water table aquifer	169
C-1102	427772	623496	Upper Hawthorn confining unit	98
C-1102	427772	623496	Tamiami confining unit	98
C-1103	431463	666184	Sandstone aquifer	98
C-1104	418384	591642	Upper Hawthorn confining unit	101
C-1104	418384	591642	Tamiami confining unit	100
C-1135	652697	555818	water table aquifer	136
C-1139	633551	668324	Sandstone aquifer	136
C-1154	544247	719927	water table aquifer	136
C-1158	687589	681425	water table aquifer	136
C-1173	632753	665568	water table aquifer	136
C-1176	569629	627789	water table aquifer	136
C-1178	559297	695961	Upper Hawthorn confining unit	136
C-1180	549875	567963	water table aquifer	136
C2045	557334	569013	water table aquifer	169
C2046	497638	697086	Upper Hawthorn confining unit	79
C2054	508887	763783	Tamiami confining unit	79
C2055	532869	758354	Tamiami confining unit	151
C2057	409096	705687	Upper Hawthorn confining unit	79
C2062	477400	712816	Upper Hawthorn confining unit	79
C-531	506314	781662	Upper Hawthorn confining unit	79
C-684	526730	713242	Upper Hawthorn confining unit	79
C-684	526730	713242	Upper Hawthorn confining unit	79
C-687	500066	763006	Lower Tamiami aquifer	19

Table A-1. Continued.

DBHYDRO Station	X-Coordinate[a]	Y-Coordinate[a]	Hydrogeologic Unit	Citation ID[b]
C-974_G	477743	664755	Upper Hawthorn confining unit	79
CCBRY-1	474404	855773	Lower Tamiami aquifer	174
CCGG-PW11	457086	690612	Upper Hawthorn confining unit	95
CCGG-PW13	457086	692592	Upper Hawthorn confining unit	95
CCRO-4N	347604	859815	Sandstone aquifer	147
CCUEP-IW-2	318258	961260	Sandstone aquifer	147
CCUEP-IW-2	318258	961260	Tamiami confining unit	164
CFTP-19	666700	775700	Tamiami confining unit	27
CH-1	313826	897077	Lower Tamiami aquifer	169
CH-316	351543	960707	Mid-Hawthorn aquifer	114
CH-318	243045	936526	Tamiami confining unit	127
CH-369	467061	916290	Tamiami confining unit	169
CH-TR12	336121	912575	Tamiami confining unit	158
CLEWRO-PW1	676274	875747	Mid-Hawthorn aquifer	25
CLEWRO-PW1	676274	875747	Sandstone aquifer	24
CLEWRO-PW1	676274	875747	Tamiami confining unit	24
CO-152	424159	624997	Upper Hawthorn confining unit	91
CO-201	428700	630000	Upper Hawthorn confining unit	91
CO-2115	399698	697634	Upper Hawthorn confining unit	169
CO-2318	433830	695523	Upper Hawthorn confining unit	12
CO-488	412410	659694	water table aquifer	169
CO-820	426429	640130	water table aquifer	169
CO-914	408396	643259	water table aquifer	169
CR00012	446211	608157	Upper Hawthorn confining unit	147
CR00020	393208	683468	Upper Hawthorn confining unit	79
CR00027	427765	622082	Tamiami confining unit	79
CR00028	451945	624283	Tamiami confining unit	79
CR00030	425583	640471	Tamiami confining unit	79
CR00034	430390	635497	Upper Hawthorn confining unit	91
CR00036	441701	618174	Tamiami confining unit	169
CR00039	516093	661582	water table aquifer	79
CR00041	425268	600785	Upper Hawthorn confining unit	147
CR00042	468903	601389	Tamiami confining unit	79
CR00047	462457	689659	Upper Hawthorn confining unit	79
CR00048	448033	625817	Upper Hawthorn confining unit	79
CR00051	474304	627514	Upper Hawthorn confining unit	79
CR00064	441362	623425	Tamiami confining unit	79
CR02003	435444	643347	Upper Hawthorn confining unit	91
CSASR-MW4	426134	774379	Tamiami confining unit	141
EXBRY-1	475404	855773	Mid-Hawthorn aquifer	174
EXBRY-1	475404	855773	Lower Tamiami aquifer	176

Table A-1. Continued.

DBHYDRO Station	X-Coordinate[a]	Y-Coordinate[a]	Hydrogeologic Unit	Citation ID[b]
FCW_10-70	355500	809000	Lower Tamiami aquifer	81
FCW_10-70	355500	809000	Tamiami confining unit	81
FCW_11-70	369000	808500	Tamiami confining unit	81
FCW_1-70	369000	806000	Tamiami confining unit	81
FCW_2-70	369500	807500	Tamiami confining unit	81
FCW_4-70	367000	810500	Tamiami confining unit	81
FCW_5-70	369000	813000	Lower Tamiami aquifer	81
FCW_5-70	369000	813000	Tamiami confining unit	81
FCW_7-70	369000	797500	Lower Tamiami aquifer	81
FCW_7-70	369000	797500	Tamiami confining unit	81
FCW_8	371500	803000	Tamiami confining unit	81
FGUA-ETW1	461892	807708	Lower Tamiami aquifer	46
FMFPL_TW1	401306	859320	Tamiami confining unit	1
FTM_RO-P4	387000	832900	Lower Tamiami aquifer	36
GLF-5	573864	938478	Lower Tamiami aquifer	147
GLF-5	573864	938478	Sandstone aquifer	137
GLF-6	628323	910488	Mid-Hawthorn aquifer	14
GLF-6	628323	910488	Sandstone aquifer	14
GM-TH-1	427600	815500	Tamiami confining unit	81
GM-TH-10	423800	797800	Tamiami confining unit	81
GM-TH-12	430500	793500	Tamiami confining unit	81
GM-TH-4	450200	792800	Tamiami confining unit	81
GM-TH-4-71	395000	780000	Tamiami confining unit	81
GM-TH-6-71	405500	785500	Tamiami confining unit	81
GM-TH-7-71	413500	786250	Tamiami confining unit	81
GM-TH-8-71	437500	800000	Tamiami confining unit	81
GS-M30_SA	506927	803234	Upper Hawthorn confining unit	148
GSW19_ASR	345624	872429	Sandstone aquifer	120
HCRSW-IW1	484270	811625	Mid-Hawthorn aquifer	126
HCRSW-IW1	484270	811625	Lower Tamiami aquifer	126
HE-557	487022	864125	Lower Tamiami aquifer	17
H-M-120	474686	819812	Lower Tamiami aquifer	151
HY00006	621835	713461	Sandstone aquifer	151
HY00012	649142	731218	Sandstone aquifer	151
JE-1503	431593	942512	Sandstone aquifer	147
JE-1705	412516	900961	Lower Tamiami aquifer	75
JE-900	425127	906242	Tamiami confining unit	76
JE-901	425115	906449	Mid-Hawthorn aquifer	74
JE-901	425115	906449	Tamiami confining unit	74
JE-902	420500	919404	Tamiami confining unit	76

Table A-1. Continued.

DBHYDRO Station	X-Coordinate[a]	Y-Coordinate[a]	Hydrogeologic Unit	Citation ID[b]
JE-903	420100	919647	Mid-Hawthorn aquifer	74
JE-903	420100	919647	Tamiami confining unit	74
L-1059_G	317115	881523	Lower Tamiami aquifer	169
L-1114_G	343043	833152	Lower Tamiami aquifer	169
L-1116_G	328006	831041	Lower Tamiami aquifer	169
L-1473	317858	839204	Lower Tamiami aquifer	169
L-1634_G	362743	756065	Lower Tamiami aquifer	111
L-1961	418993	792831	Tamiami confining unit	81
L-1966	419733	792398	Tamiami confining unit	81
L-1968	421848	837381	Tamiami confining unit	169
L-1975_G	423498	872914	Lower Tamiami aquifer	18
L-1975_G	423498	872914	Lower Tamiami aquifer	111
L-1977_G	455213	868811	Lower Tamiami aquifer	18
L-1983_G	419052	792363	Tamiami confining unit	169
L-1984_G	428476	771309	Tamiami confining unit	111
L-1986	393560	866201	Lower Tamiami aquifer	111
L-1993	407619	805530	Lower Tamiami aquifer	17
L-1996_G	432785	726959	Upper Hawthorn confining unit	111
L-2183	422410	770809	Tamiami confining unit	111
L-2194_G	419439	727206	Upper Hawthorn confining unit	6
L-2194_G	419439	727206	Upper Hawthorn confining unit	17
L-2295	389251	763361	Lower Tamiami aquifer	78
L-2434_G	323738	821663	Lower Tamiami aquifer	169
L-2642	335034	806655	Sandstone aquifer	111
L-2643	320046	806369	Lower Tamiami aquifer	17
L-2643	320046	806369	Sandstone aquifer	111
L-2703_G	340619	812671	Sandstone aquifer	18
L-2820	283281	849295	Sandstone aquifer	17
L-2820	283281	849295	Tamiami confining unit	17
L2-TW	672741	826627	Sandstone aquifer	10
L-5811	382461	864984	Lower Tamiami aquifer	182
L-5812	402976	748028	Upper Hawthorn confining unit	33
L-5855	425770	775260	Tamiami confining unit	161
L-602	437750	759750	Tamiami confining unit	81
L-603	393448	732306	Upper Hawthorn confining unit	6
L-603	393448	732306	Upper Hawthorn confining unit	17
L-607	388731	763133	Tamiami confining unit	111
L-611	369927	805264	Lower Tamiami aquifer	17
L-613	445008	818248	Upper Hawthorn confining unit	81
L-614	456035	769928	Tamiami confining unit	111

Table A-1. Continued.

DBHYDRO Station	X-Coordinate[a]	Y-Coordinate[a]	Hydrogeologic Unit	Citation ID[b]
L-615	470941	769961	Tamiami confining unit	111
L-616	437359	779109	Tamiami confining unit	81
L-617	440219	769704	Tamiami confining unit	111
L-619	449000	796000	Tamiami confining unit	81
L-621	432801	810536	Tamiami confining unit	81
L-622	423000	819500	Tamiami confining unit	81
L-625	455487	845257	Lower Tamiami aquifer	17
L-632	402862	874727	Lower Tamiami aquifer	111
L-6401	388254	763972	Lower Tamiami aquifer	61
L-6437	310591	871174	Lower Tamiami aquifer	169
L-6444	348755	857141	Lower Tamiami aquifer	97
L-6444	348755	857141	Sandstone aquifer	97
L-646	365892	864971	Lower Tamiami aquifer	111
L-648	324534	830541	Sandstone aquifer	111
L-648	324534	830541	Tamiami confining unit	111
L-662	406221	829973	Lower Tamiami aquifer	17
L-665	292057	822329	Tamiami confining unit	111
L-667	348514	832781	Lower Tamiami aquifer	17
L-675	316606	860194	Sandstone aquifer	111
L-706_G	464088	846858	Tamiami confining unit	169
L-729_G	439791	809895	Tamiami confining unit	81
L-740_G	352016	856411	Lower Tamiami aquifer	169
LABELLE-IW	512108	868495	Mid-Hawthorn aquifer	113
LAB-TW	502274	879737	Mid-Hawthorn aquifer	12
LE011	414398	741299	Upper Hawthorn confining unit	79
LM-1033	392578	782193	Tamiami confining unit	169
LM-1269	316350	884332	Lower Tamiami aquifer	169
LM-1275	316822	886550	Lower Tamiami aquifer	169
LM-1337	266125	796810	Lower Tamiami aquifer	169
LM-1347	321834	822080	Lower Tamiami aquifer	169
LM-1442	311559	874979	Lower Tamiami aquifer	169
LM-2041	386883	744163	Upper Hawthorn confining unit	147
LM-2428	330472	833334	Lower Tamiami aquifer	169
LM-3680	293674	824825	Lower Tamiami aquifer	169
LM-3982	426225	775258	Tamiami confining unit	161
LM-785	394457	777537	Tamiami confining unit	81
LM-898	345331	819778	Lower Tamiami aquifer	169
LM-924	428893	771151	Tamiami confining unit	133
LM-926	425716	774088	Tamiami confining unit	133
LM-928	425849	771499	Tamiami confining unit	133

Table A-1. Continued.

DBHYDRO Station	X-Coordinate[a]	Y-Coordinate[a]	Hydrogeologic Unit	Citation ID[b]
LM-929	427000	772500	Tamiami confining unit	133
LM-933	429500	773000	Tamiami confining unit	133
LM-934	428665	771388	Tamiami confining unit	133
LM-936	429630	774950	Tamiami confining unit	133
LM-977	348029	877723	Lower Tamiami aquifer	169
LS-6092	464700	792526	Tamiami confining unit	102
LS-6097	456130	789815	Tamiami confining unit	102
LS-6098	462108	794252	Tamiami confining unit	102
LS-6102	456186	792414	Tamiami confining unit	102
LS-6107	462790	795552	Tamiami confining unit	102
LS-6109	457569	789912	Tamiami confining unit	102
LS-6110	460558	789128	Tamiami confining unit	102
LS-6114	455980	786963	Tamiami confining unit	102
LS-6116	456133	788313	Tamiami confining unit	102
LS-6117	457926	786996	Tamiami confining unit	102
LS-6119	462064	788231	Tamiami confining unit	102
LS-6122	462513	789961	Tamiami confining unit	102
LS-6124	463448	788230	Tamiami confining unit	102
LS-6129	464883	795591	Tamiami confining unit	102
LS-6131	460275	786961	Tamiami confining unit	102
LS-6133	456116	775560	Tamiami confining unit	102
LS-6135	460648	781622	Tamiami confining unit	102
LS-6149	457244	785727	Tamiami confining unit	102
LS-6150	459027	785731	Tamiami confining unit	102
LS-6151	466112	780567	Tamiami confining unit	102
LS-6158	462762	782363	Tamiami confining unit	102
LS-6159	459025	780775	Tamiami confining unit	102
LS-6160	458190	778174	Tamiami confining unit	102
LS-6161	458432	784401	Tamiami confining unit	102
LS-6162	459620	783292	Tamiami confining unit	102
LS-6165	463410	787013	Tamiami confining unit	102
LS-6166	460965	779348	Tamiami confining unit	102
LS-6168	459094	775595	Tamiami confining unit	102
LS-6172	472069	763880	Tamiami confining unit	102
LS-6176	457661	781708	Tamiami confining unit	102
LS-6180	462747	777977	Tamiami confining unit	102
LS-6185	461945	775545	Tamiami confining unit	102
LS-6186	465686	775582	Tamiami confining unit	102
LS-6188	451753	775351	Tamiami confining unit	103
LS-6191	451235	783229	Tamiami confining unit	103

Table A-1. Continued.

DBHYDRO Station	X-Coordinate[a]	Y-Coordinate[a]	Hydrogeologic Unit	Citation ID[b]
LS-6192	452113	787781	Tamiami confining unit	103
MC-5000	433700	694940	Upper Hawthorn confining unit	106
MC-5000	433700	694940	Tamiami confining unit	106
MC-5001	482346	720669	Upper Hawthorn confining unit	106
MC-5002	474164	679914	Upper Hawthorn confining unit	106
MC-5002	474164	679914	Tamiami confining unit	106
MC-5004	460763	697339	Tamiami confining unit	106
MIU_DMW1	418502	591506	Upper Hawthorn confining unit	101
MIU_DMW1	418502	591506	Tamiami confining unit	100
ML_ASR-9	428480	631334	Tamiami confining unit	181
MO-179	636604	518872	Tamiami confining unit	136
MV-IA2	519903	904185	Lower Tamiami aquifer	73
MV-IA2	519903	904185	Lower Tamiami aquifer	73
MV-IA2	519903	904185	Sandstone aquifer	73
NCC-DZMW1	329791	859136	Sandstone aquifer	124
NCC-IW2	329932	859127	Lower Tamiami aquifer	124
NFM-MW	368708	871748	Tamiami confining unit	130
OKF-100	698055	1025471	Mid-Hawthorn aquifer	137
OKF-100	698055	1025471	Sandstone aquifer	137
PB-ASR1	391125	693929	Upper Hawthorn confining unit	142
RO-115N	452584	695517	Upper Hawthorn confining unit	147
SCRWWTPIW1	418932	641112	Tamiami confining unit	87
SCRWWTPIW2	418593	640879	Sandstone aquifer	23
SCRWWTPIW2	418593	640879	Tamiami confining unit	23
SCRWWTPMW1	418847	641207	Tamiami confining unit	87
SDCC-PW1	477491	682539	Upper Hawthorn confining unit	15
SI-T2	528450	978000	Sandstone aquifer	187
W-10120	343916	816484	Lower Tamiami aquifer	169
W-10232	355741	907379	Lower Tamiami aquifer	169
W-10447	340871	834178	Lower Tamiami aquifer	169
W-10448	340345	824589	Lower Tamiami aquifer	169
W-10687	348807	851891	Lower Tamiami aquifer	169
W-12561	346210	856353	Lower Tamiami aquifer	169
W-12562	345548	852824	Lower Tamiami aquifer	169
W-12566	351749	857120	Lower Tamiami aquifer	169
W-12597	718451	859486	Mid-Hawthorn aquifer	186
W-12844	551252	946203	Lower Tamiami aquifer	61
W-12844	551252	946203	Tamiami confining unit	169
W-14600	513174	660582	water table aquifer	169
W-14919	552999	662082	Upper Hawthorn confining unit	147

Table A-1. Continued.

DBHYDRO Station	X-Coordinate[a]	Y-Coordinate[a]	Hydrogeologic Unit	Citation ID[b]
W-14919	552999	662082	water table aquifer	169
W-14920	502147	584193	Tamiami confining unit	169
W-14934	540231	590838	Upper Hawthorn confining unit	79
W-14934	540231	590838	Tamiami confining unit	79
W-15286	428508	844109	Lower Tamiami aquifer	79
W-15286	428508	844109	Tamiami confining unit	79
W-15287	449814	785738	Tamiami confining unit	79
W-15333	288213	955086	Lower Tamiami aquifer	169
W-15526	513602	840803	Tamiami confining unit	79
W-15528	443606	689446	Upper Hawthorn confining unit	79
W-15529	458385	734001	Upper Hawthorn confining unit	79
W-15530	498332	712429	Upper Hawthorn confining unit	79
W-15531	503574	741334	Upper Hawthorn confining unit	151
W-15533	504304	903538	Tamiami confining unit	169
W-15534	447372	659037	Upper Hawthorn confining unit	79
W-15535	542085	737025	Upper Hawthorn confining unit	79
W-15557	461914	710157	Upper Hawthorn confining unit	79
W-15683	222842	944209	Lower Tamiami aquifer	169
W-15880	593673	988828	Mid-Hawthorn aquifer	3
W-16029	563005	819258	Mid-Hawthorn aquifer	151
W-16032	593480	740652	Sandstone aquifer	151
W-16059	543899	837479	Mid-Hawthorn aquifer	151
W-16059	543899	837479	Tamiami confining unit	151
W-16098	368724	871818	Tamiami confining unit	130
W-16242	266654	798349	Lower Tamiami aquifer	169
W-16285	642630	852677	Sandstone aquifer	151
W-16387	676826	853689	Tamiami confining unit	147
W-16524	623954	747079	Sandstone aquifer	136
W-16884	433375	695525	Upper Hawthorn confining unit	162
W-16942	438526	728849	Upper Hawthorn confining unit	79
W-16942	438526	728849	Upper Hawthorn confining unit	79
W-16960	318052	896461	Tamiami confining unit	169
W-17001	541152	1023575	Lower Tamiami aquifer	155
W-17001	541152	1023575	Sandstone aquifer	45
W-17035	496680	946883	Lower Tamiami aquifer	61
W-17360	466168	602207	Upper Hawthorn confining unit	56
W-17360	466168	602207	Tamiami confining unit	56
W-17361	490241	597766	Upper Hawthorn confining unit	56
W-17361	490241	597766	Tamiami confining unit	56
W-17392	455829	995732	Sandstone aquifer	3

Table A-1. Continued.

DBHYDRO Station	X-Coordinate[a]	Y-Coordinate[a]	Hydrogeologic Unit	Citation ID[b]
W-17394	541348	657739	Upper Hawthorn confining unit	185
W-17417	333247	822422	Lower Tamiami aquifer	169
W-17419	339057	822377	Lower Tamiami aquifer	169
W-17534	541773	713975	Upper Hawthorn confining unit	47
W-17597	312914	1019101	Tamiami confining unit	67
W-17667	336885	811387	Lower Tamiami aquifer	169
W-17667	336885	811387	Sandstone aquifer	169
W-17746	574978	672333	water table aquifer	136
W-17748	632130	692223	water table aquifer	136
W-17764	597548	722473	Tamiami confining unit	136
W-18069	538253	894542	Lower Tamiami aquifer	48
W-18069	538253	894542	Sandstone aquifer	48
W-18071	463362	866450	Lower Tamiami aquifer	48
W-18075	595156	891289	Upper Hawthorn confining unit	48
W-18116	368568	992516	Mid-Hawthorn aquifer	65
W-42	890640	537609	Lower Tamiami aquifer	169
W-4750	566916	949095	Mid-Hawthorn aquifer	61
W-50029	504168	866381	Lower Tamiami aquifer	151
W-50030	528742	866299	Lower Tamiami aquifer	181
W-50032	513316	889572	Sandstone aquifer	151
W-50034	490340	877844	Upper Hawthorn confining unit	151
W-50039	490221	847957	Lower Tamiami aquifer	151
W-50039	490221	847957	Lower Tamiami aquifer	181
W-50039	490221	847957	Tamiami confining unit	151
W-50045	490090	815143	Lower Tamiami aquifer	181
W-50045	490090	815143	Tamiami confining unit	151
W-50046	543271	840207	Tamiami confining unit	151
W-50052	576806	868198	Sandstone aquifer	151
W-50060	592966	761855	Sandstone aquifer	151
W-5435	665751	893264	Tamiami confining unit	138
W-5437	618672	940231	Tamiami confining unit	169
W-7443	323573	838856	Lower Tamiami aquifer	169
W-7444	321395	838975	Lower Tamiami aquifer	169
W-7748	270497	947876	Lower Tamiami aquifer	169
W-7754	242780	946226	Lower Tamiami aquifer	169
W-8086	339963	917393	Lower Tamiami aquifer	169
W-810	331785	937249	Lower Tamiami aquifer	169
W-8527	351030	968508	Lower Tamiami aquifer	169
W-8528	352239	886704	Lower Tamiami aquifer	169
W-8813	291093	973642	Lower Tamiami aquifer	169

Table A-1. Continued.

DBHYDRO Station	X-Coordinate[a]	Y-Coordinate[a]	Hydrogeologic Unit	Citation ID[b]
W-8860	554747	895205	Tamiami confining unit	169
W-8951	534165	576014	water table aquifer	169
W-9308	430720	867220	Tamiami confining unit	169
W-9309	356843	795790	Lower Tamiami aquifer	169
W-9310	399177	796014	Tamiami confining unit	169
W-9326	417210	851846	Tamiami confining unit	169

a. State Planar coordinates (NAD 1983, HARN, Florida East, FIPS_0901, feet).

b. See Table A-3.

Table A-2. Data points used in generation of hydrostratigraphic units (all units in feet).

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
20-823	20980	393150	934489	37.84	H1	54	98	-16.16	-60.16	44	147		1
AER2_LT	28838	629843	821463	24.52	LT	115	162	-90.48	-137.48	47	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
AER2_LT	28838	629843	821463	24.52	SA	165	165	-140.48	-140.48	0	148	Unit absent - data used to constrain the interpolation of the surface	-1
AHG1_LT	28839	635417	810826	24.53	LT	120	160	-95.47	-135.47	40	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
AHG1_LT	28839	635417	810826	24.53	SA	165	165	-140.47	-140.47	0	148	Unit absent - data used to constrain the interpolation of the surface	-1
ALICO16_SA	28737	562605	826995	28	WT	0	2	28	26	2	148		1
ALICO16_SA	28737	562605	826995	28	H1	2	240	26	-212	238	148		1
ALICO16_SA	28737	562605	826995	28	SA	240		-212			148		1
ALLY-TW	7322	714531	668029	15.4	WT	0	48	15.4	-32.6	48	89		1
ALLY-TW	7322	714531	668029	15.4	TC	48	60	-32.6	-44.6	12	89		1
ALLY-TW	7322	714531	668029	15.4	LT	60	180	-44.6	-164.6	120	136		1
ALLY-TW	7322	714531	668029	15.4	H2	180	460	-164.6	-444.6	280	88		1
ALLY-TW	7322	714531	668029	15.4	SA	180	180	-164.6	-164.6	0	88	Unit absent - data used to constrain the interpolation of the surface	-1
ALLY-TW	7322	714531	668029	15.4	HM	460	572	-444.6	-556.6	112	88		1
ALLY-TW	7322	714531	668029	15.4	H3	572	917	-556.6	-901.6	345	88		1
AOC_SA	28843	519407	752796	21.81	SA	100		-78.19			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
API_HM	28732	388216	896406	27.18	HM	160		-132.82			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
ARBOR_WT	28888	385362	719143	7.52	WT	0	21	7.52	-13.48	21	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
AVEMAR_SA	28842	519650	718290	19.18	SA	80		-60.82			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
AWR_LT	28841	613920	824000	25.98	LT	75	75	-49.02	-49.02	0	148	Unit absent - data used to constrain the interpolation of the surface	-1
BC3T_WT	28893	568917	726196	21.01	WT	0	45	21.01	-23.99	45	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
BCSR-PWS1	28806	663996.851	720457.323	18	WT	0	30	18	-12	30	57		1
BCSR-PWS1	28806	663996.851	720457.323	18	TC	30	50	-12	-32	20	57		1
BCSR-PWS1	28806	663996.851	720457.323	18	LT	50		-32			57		1
BICY-TW	22419	554522.187	567147.922	6.74	LT	0	35	6.74	-28.26	35	13		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
BICY-TW	22419	554522.187	567147.922	6.74	HM	470	545	-463.26	-538.26	75	13		1
BICY-TW	22419	554522.187	567147.922	6.74	H3	545	820	-538.26	-813.26	275	13		1
BOCAPAL_WT	28884	404361	702394	9.04	WT	0	35	9.04	-25.96	35	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
BONSP_ROI1	26857	408962.774	731293.414	9.89	WT	0	20	9.89	-10.11	20	40		1
BONSP_ROI1	26857	408962.774	731293.414	9.89	TC	20	50	-10.11	-40.11	30	40		1
BONSP_ROI1	26857	408962.774	731293.414	9.89	LT	50	100	-40.11	-90.11	50	40		1
BONSP_ROI1	26857	408962.774	731293.414	9.89	S2	100	157	-90.11	-147.11	57	40		1
BONSP_ROI1	26857	408962.774	731293.414	9.89	SA	100	240	-90.11	-230.11	140	40		1
BONSP_ROI1	26857	408962.774	731293.414	9.89	S1	194	240	-184.11	-230.11	46	40		1
BONSP_ROI1	26857	408962.774	731293.414	9.89	H2	240	410	-230.11	-400.11	170	40		1
BONSP_ROI1	26857	408962.774	731293.414	9.89	HM	410	503	-400.11	-493.11	93	40		1
BONSP_ROI1	26857	408962.774	731293.414	9.89	H3	503	614	-493.11	-604.11	111	40		1
BORSQ_LT	28845	413285	705992	13.47	LT	90	120	-76.53	-106.53	30	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
BORSQ_LT	28845	413285	705992	13.47	SA	120		-106.53			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
BREX-1	27708	617719.446	997587.497	24	WT	0	143	24	-119	143	105		1
BREX-1	27708	617719.446	997587.497	24	H1	143	250	-119	-226	107	105		1
BREX-1	27708	617719.446	997587.497	24	SA	250	340	-226	-316	90	105		1
BREX-1	27708	617719.446	997587.497	24	S2	250	340	-226	-316	90	105		1
BREX-1	27708	617719.446	997587.497	24	H2	340	522	-316	-498	182	105		1
BREX-1	27708	617719.446	997587.497	24	S1	340	340	-316	-316	0	105	Unit absent - data used to constrain the interpolation of the surface	-1
BREX-1	27708	617719.446	997587.497	24	HM	522	537	-498	-513	15	105		1
BRIGGS_WT	28889	422303	615162	2.33	WT	0	25	2.33	-22.67	25	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
BS_WRF_IW1	26858	392920.247	742467.196	13.9	WT	0	50	13.9	-36.1	50	41		1
BS_WRF_IW1	26858	392920.247	742467.196	13.9	TC	50	90	-36.1	-76.1	40	41		1
BS_WRF_IW1	26858	392920.247	742467.196	13.9	SA	130	150	-116.1	-136.1	20	41		1
BS_WRF_IW1	26858	392920.247	742467.196	13.9	S2	130	150	-116.1	-136.1	20	41		1
BS_WRF_IW1	26858	392920.247	742467.196	13.9	S1	150	150	-136.1	-136.1	0	41	Unit absent - data used to constrain the interpolation of the surface	-1
BS_WRF_IW1	26858	392920.247	742467.196	13.9	H2	150	210	-136.1	-196.1	60	41		1
BS_WRF_IW1	26858	392920.247	742467.196	13.9	HM	210	320	-196.1	-306.1	110	41		1
BS_WRF_IW1	26858	392920.247	742467.196	13.9	H3	320	560	-306.1	-546.1	240	41		1
BSU-IW2	28313	318215.045	888721.402	14.84	WT	0	25	14.84	-10.16	25	85		1
BSU-MW	22763	318216.3	887840.478	14.47	WT	15	25	-0.53	-10.53	10	163		1
BSU-MW	22763	318216.3	887840.478	14.47	H1	25	134	-10.53	-119.53	109	163		1
BSU-MW	22763	318216.3	887840.478	14.47	SA	134	152	-119.53	-137.53	18	163		1
BSU-MW	22763	318216.3	887840.478	14.47	H2	152	204	-137.53	-189.53	52	163		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
BSU-MW	22763	318216.3	887840.478	14.47	HM	204	268	-189.53	-253.53	64	163		1
BSU-MW	22763	318216.3	887840.478	14.47	H3	268	485	-253.53	-470.53	217	163		1
BWALKER_LT	28844	444369	672225	11.13	LT	40	60	-28.87	-48.87	20	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
C-1074_G	6321	567054.153	759276.617	26.21	TC	0	20	26.21	6.21	20	6		1
C-1074_G	6321	567054.153	759276.617	26.21	LT	20	80	6.21	-53.79	60	136		1
C-1080	22269	458061.336	742383.41	16	WT	0	40	16	-24	40	6		1
C-1080	22269	458061.336	742383.41	16	TC	40	55	-24	-39	15	6		1
C-1080	22269	458061.336	742383.41	16	LT	55	100	-39	-84	45	6		1
C-1102	23366	427772.404	623495.68	5	WT	0	15	5	-10	15	98		1
C-1102	23366	427772.404	623495.68	5	LT	15	165	-10	-160	150	98		1
C-1102	23366	427772.404	623495.68	5	SA	165	205	-160	-200	40	98		1
C-1102	23366	427772.404	623495.68	5	H1	165	165	-160	-160	0	98		1
C-1102	23366	427772.404	623495.68	5	H2	205	350	-200	-345	145	98		1
C-1102	23366	427772.404	623495.68	5	HM	350	528	-345	-523	178	98		1
C-1102	23366	427772.404	623495.68	5	H3	528	660	-523	-655	132	98		1
C-1102	23366	427772.404	623495.68	5	H3	620	660	-615	-655	40	98		1
C-1103	13921	431462.936	666184.314	10	WT	0	15	10	-5	15	98		1
C-1103	13921	431462.936	666184.314	10	TC	15	30	-5	-20	15	98		1
C-1103	13921	431462.936	666184.314	10	LT	30	170	-20	-160	140	98		1
C-1103	13921	431462.936	666184.314	10	H2	170	290	-160	-280	120	98		1
C-1103	13921	431462.936	666184.314	10	H1	170	206	-160	-196	36	98		1
C-1103	13921	431462.936	666184.314	10	S1	170	170	-160	-160	0	98	Unit absent - data used to constrain the interpolation of the surface	-1
C-1103	13921	431462.936	666184.314	10	SA	170	170	-160	-160	0	98	Unit absent - data used to constrain the interpolation of the surface	-1
C-1103	13921	431462.936	666184.314	10	S2	170	170	-160	-160	0	98	Unit absent - data used to constrain the interpolation of the surface	-1
C-1103	13921	431462.936	666184.314	10	HM	290	400	-280	-390	110	98		1
C-1103	13921	431462.936	666184.314	10	H3	400	640	-390	-630	240	98		1
C-1104	25901	418383.912	591642.04	6.26	WT	0	40	6.26	-33.74	40	100		1
C-1104	25901	418383.912	591642.04	6.26	LT	40	180	-33.74	-173.74	140	100		1
C-1104	25901	418383.912	591642.04	6.26	SA	180	230	-173.74	-223.74	50	100		1
C-1104	25901	418383.912	591642.04	6.26	H2	230	320	-223.74	-313.74	90	100		1
C-1104	25901	418383.912	591642.04	6.26	HM	320	550	-313.74	-543.74	230	100		1
C-1104	25901	418383.912	591642.04	6.26	H3	550	700	-543.74	-693.74	150	100		1
C-1106	13923	422362.66	584754.72	5	HM	330	546	-325	-541	216	169		1
C-1134	26263	683273.627	556567.539	10	WT	0	10	10	0	10	136		1
C-1134	26263	683273.627	556567.539	10	LT	10	82	0	-72	72	136		1
C-1134	26263	683273.627	556567.539	10	H1	82		-72			136		1
C-1135	28329	652696.98	555818.088	12	TC	0	18	12	-6	18	136		1
C-1135	28329	652696.98	555818.088	12	LT	18	43	-6	-31	25	136		1
C-1135	28329	652696.98	555818.088	12	H1	43	116	-31	-104	73	136		1
C-1135	28329	652696.98	555818.088	12	SA	116	130	-104	-118	14	136		1
C-1136	28330	623193.397	555729.577	10	WT	0	2	10	8	2	136		1
C-1136	28330	623193.397	555729.577	10	LT	2	53	8	-43	51	136		1
C-1137	28331	582385.032	568500.868	6	LT	0	35	6	-29	35	136		1
C-1137	28331	582385.032	568500.868	6	WT	0	0	6	6	0	136	Unit absent - data used to constrain the interpolation of the surface	-1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
C-1137	28331	582385.032	568500.868	6	H1	35	78	-29	-72	43	136		1
C-1137	28331	582385.032	568500.868	6	SA	78	138	-72	-132	60	136		1
C-1137	28331	582385.032	568500.868	6	S2	78	138	-72	-132	60	136		1
C-1138	26297	680530.325	599235.967	11.4	WT	0	20	11.4	-8.6	20	136		1
C-1138	26297	680530.325	599235.967	11.4	TC	20	52	-8.6	-40.6	32	136		1
C-1138	26297	680530.325	599235.967	11.4	LT	52	109	-40.6	-97.6	57	136		1
C-1138	26297	680530.325	599235.967	11.4	H1	109		-97.6			136		1
C-1139	26298	633550.983	668323.807	13	WT	0	40	13	-27	40	136		1
C-1139	26298	633550.983	668323.807	13	TC	40	92	-27	-79	52	136		1
C-1139	26298	633550.983	668323.807	13	LT	92	148	-79	-135	56	136		1
C-1139	26298	633550.983	668323.807	13	H2	148		-135			136		1
C-1140	28332	576684.53	596880.786	8	WT	0	6	8	2	6	136		1
C-1140	28332	576684.53	596880.786	8	TC	2	9	6	-1	7	136		1
C-1140	28332	576684.53	596880.786	8	LT	9	55	-1	-47	46	136		1
C-1140	28332	576684.53	596880.786	8	H1	55	61	-47	-53	6	136		1
C-1140	28332	576684.53	596880.786	8	SA	61	164	-53	-156	103	136		1
C-1140	28332	576684.53	596880.786	8	S1	164	164	-156	-156	0	136	Unit absent - data used to constrain the interpolation of the surface	-1
C-1154	28333	544246.768	719927.056	20	TC	0	40	20	-20	40	136		1
C-1154	28333	544246.768	719927.056	20	LT	40	80	-20	-60	40	136		1
C-1154	28333	544246.768	719927.056	20	SA	80		-60			136	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
C-1157	28334	660721.234	685956.49	14	TC	50	70	-36	-56	20	136		1
C-1157	28334	660721.234	685956.49	14	LT	70	150	-56	-136	80	136		1
C-1158	28335	687588.802	681424.512	13	TC	0	80	13	-67	80	136		1
C-1158	28335	687588.802	681424.512	13	LT	80	160	-67	-147	80	136		1
C-1169	26299	678820.492	686294.531	15	WT	0	5	15	10	5	136		1
C-1169	26299	678820.492	686294.531	15	TC	5	75	10	-60	70	136		1
C-1169	26299	678820.492	686294.531	15	LT	75	139	-60	-124	64	136		1
C-1169	26299	678820.492	686294.531	15	H2	139		-124			136		1
C-1173	28337	632753.03	665568.197	13	TC	0	65	13	-52	65	136		1
C-1173	28337	632753.03	665568.197	13	LT	65	115	-52	-102	50	136		1
C-1176	28338	569628.93	627788.604	12	TC	0	8	12	4	8	136		1
C-1176	28338	569628.93	627788.604	12	LT	8	42	4	-30	34	136		1
C-1178	28339	559297.017	695961.154	19.2	WT	0	3	19.2	16.2	3	136		1
C-1178	28339	559297.017	695961.154	19.2	TC	3	55	16.2	-35.8	52	136		1
C-1178	28339	559297.017	695961.154	19.2	LT	55	144	-35.8	-124.8	89	136		1
C-1178	28339	559297.017	695961.154	19.2	SA	144		-124.8			136		1
C-1180	28340	549875.029	567962.984	5	TC	0	6	5	-1	6	136		1
C-1180	28340	549875.029	567962.984	5	LT	6	45	-1	-40	39	136		1
C-1180	28340	549875.029	567962.984	5	H1	45	53	-40	-48	8	136		1
C-1180	28340	549875.029	567962.984	5	SA	53	130	-48	-125	77	136		1
C-1180	28340	549875.029	567962.984	5	S2	53	130	-48	-125	77	136		1
C-1180	28340	549875.029	567962.984	5	H2	130		-125			136		1
C-1181	28341	590297.683	666521.337	17	WT	0	10	17	7	10	136		1
C-1181	28341	590297.683	666521.337	17	TC	10	42	7	-25	32	136		1
C-1181	28341	590297.683	666521.337	17	LT	42	99	-25	-82	57	136		1
C-1181	28341	590297.683	666521.337	17	H1	99	163	-82	-146	64	136		1
C-1181	28341	590297.683	666521.337	17	S2	163	182	-146	-165	19	136		1
C-1181	28341	590297.683	666521.337	17	SA	163		-146			136		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
C-1182	27938	659719.682	667377.834	13.01	WT	0	4	13.01	9.01	4	136		1
C-1182	27938	659719.682	667377.834	13.01	LT	74	125	-60.99	-111.99	51	136		1
C-1206	25823	428629.204	630255.734	7.5	H1	109	131	-101.5	-123.5	22	147		1
C-1207	23370	428901.17	629951.395	7.5	WT	0	20	7.5	-12.5	20	165		1
C-1207	23370	428901.17	629951.395	7.5	TC	20	25	-12.5	-17.5	5	165		1
C-1207	23370	428901.17	629951.395	7.5	SA	135	195	-127.5	-187.5	60	165		1
C-1207	23370	428901.17	629951.395	7.5	H2	195	290	-187.5	-282.5	95	165		1
C-1207	23370	428901.17	629951.395	7.5	HM	290	545	-282.5	-537.5	255	165		1
C-1207	23370	428901.17	629951.395	7.5	H3	545	575	-537.5	-567.5	30	165		1
C-1208	25811	429768	629750	7.5	WT	0	25	7.5	-17.5	25	166		1
C-1208	25811	429768	629750	7.5	LT	25	120	-17.5	-112.5	95	166		1
C-1208	25811	429768	629750	7.5	H1	120	148	-112.5	-140.5	28	166		1
C-1208	25811	429768	629750	7.5	SA	148	194	-140.5	-186.5	46	166		1
C-1208	25811	429768	629750	7.5	S2	148	194	-140.5	-186.5	46	166		1
C-1208	25811	429768	629750	7.5	H2	194	290	-186.5	-282.5	96	166		1
C-1208	25811	429768	629750	7.5	S1	194	194	-186.5	-186.5	0	166	Unit absent - data used to constrain the interpolation of the surface	-1
C-1208	25811	429768	629750	7.5	HM	290	540	-282.5	-532.5	250	166		1
C-1208	25811	429768	629750	7.5	H3	540	740	-532.5	-732.5	200	166		1
C-1242	26088	409199.807	708919.36	9	WT	0	20	9	-11	20	168		1
C-1242	26088	409199.807	708919.36	9	TC	20	55	-11	-46	35	168		1
C-1242	26088	409199.807	708919.36	9	LT	55	102	-46	-93	47	168		1
C-1242	26088	409199.807	708919.36	9	H1	102	127	-93	-118	25	168		1
C-1242	26088	409199.807	708919.36	9	SA	127	155	-118	-146	28	168		1
C-1242	26088	409199.807	708919.36	9	H2	155	250	-146	-241	95	168		1
C-1242	26088	409199.807	708919.36	9	HM	250	454	-241	-445	204	168		1
C-1242	26088	409199.807	708919.36	9	H3	454	610	-445	-601	156	168		1
C139_MW14D	28720	668172.652	729939.897	16.9	WT	0	22	16.9	-5.1	22	143		1
C139_MW14D	28720	668172.652	729939.897	16.9	TC	22	35	-5.1	-18.1	13	143		1
C139_MW14D	28720	668172.652	729939.897	16.9	LT	35		-18.1			143		1
C139_MW4D	28722	677602.604	746038.294	16.8	WT	0	22	16.8	-5.2	22	144		1
C139_MW4D	28722	677602.604	746038.294	16.8	TC	22	26	-5.2	-9.2	4	144		1
C139_MW4D	28722	677602.604	746038.294	16.8	LT	26		-9.2			144		1
C2044	26771	506150.322	625136.976	9.4	WT	0	46	9.4	-36.6	46	79		1
C2044	26771	506150.322	625136.976	9.4	TC	46	70	-36.6	-60.6	24	79		1
C2044	26771	506150.322	625136.976	9.4	LT	70	120	-60.6	-110.6	50	79		1
C2044	26771	506150.322	625136.976	9.4	S2	120	135	-110.6	-125.6	15	79		1
C2044	26771	506150.322	625136.976	9.4	SA	120	240	-110.6	-230.6	120	79		1
C2044	26771	506150.322	625136.976	9.4	S1	166	240	-156.6	-230.6	74	79		1
C2044	26771	506150.322	625136.976	9.4	H2	240	370	-230.6	-360.6	130	79		1
C2044	26771	506150.322	625136.976	9.4	HM	370		-360.6			79		1
C2045	26772	557334	569012.606	5	TC	0	3	5	2	3	169		1
C2045	26772	557334	569012.606	5	WT	0	0	5	5	0	169	Unit absent - data used to constrain the interpolation of the surface	-1
C2045	26772	557334	569012.606	5	LT	3	50	2	-45	47	169		1
C2046	28467	497637.613	697085.715	15	WT	0	60	15	-45	60	79		1
C2046	28467	497637.613	697085.715	15	TC	60	90	-45	-75	30	79		1
C2046	28467	497637.613	697085.715	15	LT	90	160	-75	-145	70	79		1
C2046	28467	497637.613	697085.715	15	SA	160		-145			79		1
C2046	28467	497637.613	697085.715	15	S2	160	180	-145	-165	20	79		1
C2054	28468	508886.788	763782.613	30	WT	0	100	30	-70	100	79		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
C2054	28468	508886.788	763782.613	30	LT	100	100	-70	-70	0	79	Unit absent - data used to constrain the interpolation of the surface	-1
C2054	28468	508886.788	763782.613	30	H1	100	135	-70	-105	35	79		1
C2054	28468	508886.788	763782.613	30	S2	135	150	-105	-120	15	79		1
C2054	28468	508886.788	763782.613	30	SA	135	300	-105	-270	165	79		1
C2054	28468	508886.788	763782.613	30	S1	220	300	-190	-270	80	79		1
C2054	28468	508886.788	763782.613	30	H2	300		-270			79		1
C2055	28469	532869.221	758354.452	30	WT	0	50	30	-20	50	79		1
C2055	28469	532869.221	758354.452	30	H1	50	130	-20	-100	80	79		1
C2055	28469	532869.221	758354.452	30	SA	130	230	-100	-200	100	79		1
C2055	28469	532869.221	758354.452	30	S2	130	160	-100	-130	30	79		1
C2055	28469	532869.221	758354.452	30	S1	160	230	-130	-200	70	79		1
C2055	28469	532869.221	758354.452	30	H2	230	490	-200	-460	260	79		1
C2055	28469	532869.221	758354.452	30	HM	490		-460			79		1
C2057	28470	409096.209	705687.131	16	WT	0	20	16	-4	20	79		1
C2057	28470	409096.209	705687.131	16	TC	20	54	-4	-38	34	79		1
C2057	28470	409096.209	705687.131	16	LT	54	125	-38	-109	71	79		1
C2057	28470	409096.209	705687.131	16	S2	125	140	-109	-124	15	79		1
C2057	28470	409096.209	705687.131	16	SA	125		-109			79		1
C2060	28471	445851.201	719523.34	16	WT	0	10	16	6	10	79		1
C2060	28471	445851.201	719523.34	16	LT	10	80	6	-64	70	79		1
C2060	28471	445851.201	719523.34	16	H1	80	110	-64	-94	30	79		1
C2060	28471	445851.201	719523.34	16	S2	110	200	-94	-184	90	79		1
C2060	28471	445851.201	719523.34	16	SA	110	270	-94	-254	160	79		1
C2060	28471	445851.201	719523.34	16	S1	240	270	-224	-254	30	79		1
C2060	28471	445851.201	719523.34	16	H2	270	360	-254	-344	90	79		1
C2060	28471	445851.201	719523.34	16	HM	360		-344			79		1
C2062	28484	477400.267	712815.647	16	WT	0	55	16	-39	55	79		1
C2062	28484	477400.267	712815.647	16	TC	55	65	-39	-49	10	79		1
C2062	28484	477400.267	712815.647	16	H2	150	320	-134	-304	170	79		1
C2062	28484	477400.267	712815.647	16	HM	320		-304			79		1
C-308	23037	568854.251	662350.168	15	LT	24	66	-9	-51	42	136		1
C-531	23040	506314.236	781661.649	42	WT	0	15	42	27	15	79		1
C-531	23040	506314.236	781661.649	42	TC	15	35	27	7	20	79		1
C-531	23040	506314.236	781661.649	42	LT	35	35	7	7	0	79		1
C-531	23040	506314.236	781661.649	42	S2	35	96	7	-54	61	79		1
C-531	23040	506314.236	781661.649	42	SA	35	250	7	-208	215	79		1
C-531	23040	506314.236	781661.649	42	S1	190	250	-148	-208	60	79		1
C-531	23040	506314.236	781661.649	42	H2	250	390	-208	-348	140	79		1
C-531	23040	506314.236	781661.649	42	HM	390		-348			79		1
C-575	23042	393532.411	687129.573	16	WT	0	25	16	-9	25	8		1
C-575	23042	393532.411	687129.573	16	TC	25	44	-9	-28	19	8		1
C-575	23042	393532.411	687129.573	16	H2	200	340	-184	-324	140	8		1
C-575	23042	393532.411	687129.573	16	HM	340		-324			169		1
C-578	28487	487018.75	767571.15	21	WT	0	40	21	-19	40	79		1
C-578	28487	487018.75	767571.15	21	LT	40	55	-19	-34	15	79		1
C-578	28487	487018.75	767571.15	21	H1	55	90	-34	-69	35	79		1
C-578	28487	487018.75	767571.15	21	S2	90	210	-69	-189	120	79		1
C-578	28487	487018.75	767571.15	21	SA	90	235	-69	-214	145	79		1
C-578	28487	487018.75	767571.15	21	S1	220	235	-199	-214	15	79		1
C-578	28487	487018.75	767571.15	21	H2	235		-214			79		1
C-684	23043	526730.085	713242.424	19.5	WT	0	30	19.5	-10.5	30	79		1
C-684	23043	526730.085	713242.424	19.5	TC	30	50	-10.5	-30.5	20	79		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
C-684	23043	526730.085	713242.424	19.5	LT	50	60	-30.5	-40.5	10	79		1
C-684	23043	526730.085	713242.424	19.5	S2	60	160	-40.5	-140.5	100	79		1
C-684	23043	526730.085	713242.424	19.5	SA	60	320	-40.5	-300.5	260	79		1
C-684	23043	526730.085	713242.424	19.5	S1	223	320	-203.5	-300.5	97	79		1
C-684	23043	526730.085	713242.424	19.5	H2	320	400	-300.5	-380.5	80	79		1
C-684	23043	526730.085	713242.424	19.5	HM	400		-380.5			79		1
C-687	21961	500066.112	763005.725	23.6	S1	249	310	-225.4	-286.4	61	19		1
C-851	23397	533638.864	710594.969	18	LT	22	32	-4	-14	10	136		1
C-974_G	6171	477742.68	664754.654	10.1	LT	80	130	-69.9	-119.9	50	79		1
C-974_G	6171	477742.68	664754.654	10.1	SA	130	164	-119.9	-153.9	34	79		1
C-974_G	6171	477742.68	664754.654	10.1	H2	164	330	-153.9	-319.9	166	79		1
C-974_G	6171	477742.68	664754.654	10.1	HM	330		-319.9			79		1
CARICA_EX1	26863	397859.578	694817.374	8.62	H2	175	284	-166.38	-275.38	109	39		1
CARICA_EX1	26863	397859.578	694817.374	8.62	HM	284	400	-275.38	-391.38	116	39		1
CARICA_EX1	26863	397859.578	694817.374	8.62	H3	400		-391.38			39		1
CCBRY-1	26997	474404.088	855772.73	21.13	WT	0	12	21.13	9.13	12	174		1
CCBRY-1	26997	474404.088	855772.73	21.13	H1	12	65	9.13	-43.87	53	174		1
CCBRY-1	26997	474404.088	855772.73	21.13	S2	65	115	-43.87	-93.87	50	174		1
CCBRY-1	26997	474404.088	855772.73	21.13	SA	65	187	-43.87	-165.87	122	174		1
CCBRY-1	26997	474404.088	855772.73	21.13	S1	126	187	-104.87	-165.87	61	174		1
CCBRY-1	26997	474404.088	855772.73	21.13	H3	187	480	-165.87	-458.87	293	174		1
CCCA-WT	28890	401265	708469	10.36	WT	0	40	10.36	-29.64	40	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
CCGG-PW10	28713	457086	689152	13	WT	0	28	13	-15	28	95		1
CCGG-PW10	28713	457086	689152	13	TC	28	70	-15	-57	42	95		1
CCGG-PW10	28713	457086	689152	13	LT	70	112	-57	-99	42	95		1
CCGG-PW11	28714	457086	690612	13	WT	0	33	13	-20	33	95		1
CCGG-PW11	28714	457086	690612	13	TC	33	54	-20	-41	21	95		1
CCGG-PW11	28714	457086	690612	13	LT	54	137	-41	-124	83	95		1
CCGG-PW11	28714	457086	690612	13	SA	137		-124			95		1
CCGG-PW12	28715	457086	691602	13	WT	0	38	13	-25	38	95		1
CCGG-PW12	28715	457086	691602	13	TC	38	64	-25	-51	26	95		1
CCGG-PW12	28715	457086	691602	13	LT	64		-51			95		1
CCGG-PW13	28716	457086	692592	13	WT	0	25	13	-12	25	95		1
CCGG-PW13	28716	457086	692592	13	TC	25	44	-12	-31	19	95		1
CCGG-PW13	28716	457086	692592	13	LT	44	131	-31	-118	87	95		1
CCGG-PW13	28716	457086	692592	13	SA	131		-118			95		1
CCGG-PW14	28717	457086	693582	13	WT	0	44	13	-31	44	95		1
CCGG-PW14	28717	457086	693582	13	TC	44	78	-31	-65	34	95		1
CCGG-PW14	28717	457086	693582	13	LT	78		-65			95		1
CCGG-PW15	28718	457086	694572	13	WT	0	49	13	-36	49	95		1
CCGG-PW15	28718	457086	694572	13	TC	49	74	-36	-61	25	95		1
CCGG-PW15	28718	457086	694572	13	LT	74	130	-61	-117	56	95		1
CCGG-PW16	28719	457086	695562	13	WT	0	52	13	-39	52	95		1
CCGG-PW16	28719	457086	695562	13	TC	52	82	-39	-69	30	95		1
CCGG-PW6	28709	457086	685212	13	WT	0	27	13	-14	27	95		1
CCGG-PW6	28709	457086	685212	13	TC	27	59	-14	-46	32	95		1
CCGG-PW6	28709	457086	685212	13	LT	59	101	-46	-88	42	95		1
CCGG-PW7	28710	457086	686212	13	WT	0	24	13	-11	24	95		1
CCGG-PW7	28710	457086	686212	13	TC	24	44	-11	-31	20	95		1
CCGG-PW7	28710	457086	686212	13	LT	44	106	-31	-93	62	95		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
CCGG-PW8	28711	457086	687112	13	WT	0	26	13	-13	26	95		1
CCGG-PW8	28711	457086	687112	13	TC	26	63	-13	-50	37	95		1
CCGG-PW8	28711	457086	687112	13	LT	63	106	-50	-93	43	95		1
CCGG-PW9	28712	457086	688162	13	WT	0	27	13	-14	27	95		1
CCGG-PW9	28712	457086	688162	13	TC	27	61	-14	-48	34	95		1
CCGG-PW9	28712	457086	688162	13	LT	61	114	-48	-101	53	95		1
CCRO-13N	27729	337309.24	854686.365	7	WT	0	30	7	-23	30	147		1
CCRO-13N	27729	337309.24	854686.365	7	H2	100	140	-93	-133	40	147		1
CCRO-13N	27729	337309.24	854686.365	7	H3	170	643	-163	-636	473	147		1
CCRO-18N	27723	330397.296	858251.69	33	WT	0	50	33	-17	50	147		1
CCRO-18N	27723	330397.296	858251.69	33	HM	140	230	-107	-197	90	147		1
CCRO-18N	27723	330397.296	858251.69	33	H3	230	460	-197	-427	230	147		1
CCRO-4N	27726	347603.938	859814.741	5	WT	0	30	5	-25	30	147		1
CCRO-4N	27726	347603.938	859814.741	5	H2	30	140	-25	-135	110	147		1
CCRO-4N	27726	347603.938	859814.741	5	HM	140	200	-135	-195	60	147		1
CCRO-4N	27726	347603.938	859814.741	5	H3	200	542	-195	-537	342	147		1
CCUEP-IW-2	23868	318258.019	961259.546	7	WT	0	90	7	-83	90	164		1
CCUEP-IW-2	23868	318258.019	961259.546	7	SA	90	90	-83	-83	0	147	Unit absent - data used to constrain the interpolation of the surface	-1
CCUEP-IW-2	23868	318258.019	961259.546	7	LT	90	90	-83	-83	0	147	Unit absent - data used to constrain the interpolation of the surface	-1
CCUEP-IW-2	23868	318258.019	961259.546	7	H2	90	240	-83	-233	150	164		1
CEDHAMM_WT	28847	429236	658079	10.61	WT	40	45	-29.39	-34.39	5	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
CEPT_SA	28853	614347	844053	23.92	SA	100	200	-76.08	-176.08	100	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
CFTP-19	28578	666700	775700	18.5	WT	0	60	18.5	-41.5	60	27		1
CFTP-19	28578	666700	775700	18.5	LT	60	140	-41.5	-121.5	80	27		1
CFTP-20	28579	669100	776950	17.6	WT	0	25	17.6	-7.4	25	27		1
CFTP-20	28579	669100	776950	17.6	TC	25	61	-7.4	-43.4	36	27		1
CFTP-20	28579	669100	776950	17.6	LT	61		-43.4			27		1
CH-313	23330	341510.424	894659.075	26	WT	0	38	26	-12	38	169		1
CH-313	23330	341510.424	894659.075	26	H1	38	110	-12	-84	72	131		1
CH-313	23330	341510.424	894659.075	26	SA	110	130	-84	-104	20	131		1
CH-313	23330	341510.424	894659.075	26	H2	130	163	-104	-137	33	131		1
CH-313	23330	341510.424	894659.075	26	HM	163	220	-137	-194	57	131		1
CH-313	23330	341510.424	894659.075	26	H3	220	440	-194	-414	220	131		1
CH-316	26089	351542.782	960706.644	18	H3	118	364	-100	-346	246	114		1
CH-353	28526	409021	949516	39	WT	0	80	39	-41	80	169		1
CH-353	28526	409021	949516	39	LT	80	80	-41	-41	0	169	Unit absent - data used to constrain the interpolation of the surface	-1
CH-369	28528	467061	916290	39	WT	0	20	39	19	20	6		1
CH-369	28528	467061	916290	39	LT	20	30	19	9	10	169		1
CH-372	28529	455755	900692	27	WT	0	35	27	-8	35	6		1
CH-372	28529	455755	900692	27	LT	35	35	-8	-8	0	6	Unit absent - data used to constrain the interpolation of the surface	-1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
CH-446	28530	320858	892475	15	WT	0	42	15	-27	42	169		1
CH-72	28531	342565	898465	23	WT	0	42	23	-19	42	169		1
CH-R5	20994	392977.764	949940.229	39.84	WT	0	69	39.84	-29.16	69	3		1
CH-R5	20994	392977.764	949940.229	39.84	LT	69	69	-29.16	-29.16	0	63	Unit absent - data used to constrain the interpolation of the surface	-1
CH-R5	20994	392977.764	949940.229	39.84	H1	69	130	-29.16	-90.16	61	63		1
CH-R5	20994	392977.764	949940.229	39.84	SA	130	184	-90.16	-144.16	54	63		1
CH-TR12	20996	336120.783	912575.28	22.85	WT	0	42	22.85	-19.15	42	158		1
CH-TR12	20996	336120.783	912575.28	22.85	H1	42	155	-19.15	-132.15	113	158		1
CH-TR12	20996	336120.783	912575.28	22.85	S1	155	166	-132.15	-143.15	11	158		1
CH-TR12	20996	336120.783	912575.28	22.85	SA	155	166	-132.15	-143.15	11	158		1
CH-TR12	20996	336120.783	912575.28	22.85	S2	155	155	-132.15	-132.15	0	158	Unit absent - data used to constrain the interpolation of the surface	-1
CH-TR12	20996	336120.783	912575.28	22.85	H2	166	211	-143.15	-188.15	45	158		1
CH-TR12	20996	336120.783	912575.28	22.85	HM	211	258	-188.15	-235.15	47	158		1
CH-TR12	20996	336120.783	912575.28	22.85	H3	258	520	-235.15	-497.15	262	158		1
CLEWRO-PW1	27653	676273.795	875746.668	19.25	WT	0	65	19.25	-45.75	65	24		1
CLEWRO-PW1	27653	676273.795	875746.668	19.25	LT	65	196	-45.75	-176.75	131	24		1
CLEWRO-PW1	27653	676273.795	875746.668	19.25	SA	196	196	-176.75	-176.75	0	24	Unit absent - data used to constrain the interpolation of the surface	-1
CLEWRO-PW1	27653	676273.795	875746.668	19.25	H3	196		-176.75			24		1
CO-1044	28533	458086	683892	14	TC	30	55	-16	-41	25	169		1
CO-1044	28533	458086	683892	14	LT	55		-41			169		1
CO-1301	28534	456476	689958	13	TC	28	70	-15	-57	42	169		1
CO-1301	28534	456476	689958	13	LT	70		-57			169		1
CO-1302	26909	456408.716	695107.442	14	TC	45	73	-31	-59	28	169		1
CO-1302	26909	456408.716	695107.442	14	LT	73		-59			169		1
CO-1303	28535	445754	694856	13	TC	27	55	-14	-42	28	169		1
CO-1303	28535	445754	694856	13	LT	55		-42			169		1
CO-1305	28537	471836	683224	13	TC	50	80	-37	-67	30	169		1
CO-1305	28537	471836	683224	13	LT	80		-67			169		1
CO-1309	28540	454615	700871	14	TC	49	78	-35	-64	29	169		1
CO-1309	28540	454615	700871	14	LT	78		-64			169		1
CO-1311	28541	442059	684273	13	TC	36	70	-23	-57	34	169		1
CO-1311	28541	442059	684273	13	LT	70		-57			169		1
CO-1312	28542	441904	689625	13	TC	29	65	-16	-52	36	169		1
CO-1312	28542	441904	689625	13	LT	65		-52			169		1
CO-1313	28543	451320	678371	13	TC	45	80	-32	-67	35	169		1
CO-1313	28543	451320	678371	13	LT	80		-67			169		1
CO-1319	28544	456720	683899	13	TC	30	40	-17	-27	10	169		1
CO-1319	28544	456720	683899	13	LT	40		-27			169		1
CO-1351	28545	440962	665397	12	TC	53	57	-41	-45	4	169		1
CO-1351	28545	440962	665397	12	LT	57	142	-45	-130	85	169		1
CO-1362	26905	457047.956	695508.316	14	TC	52	82	-38	-68	30	169		1
CO-1362	26905	457047.956	695508.316	14	LT	82		-68			169		1
CO-152	28580	424159	624997	2.76	WT	0	3	2.76	-0.24	3	91		1
CO-152	28580	424159	624997	2.76	TC	3	6	-0.24	-3.24	3	91		1
CO-152	28580	424159	624997	2.76	LT	6	118	-3.24	-115.24	112	91		1
CO-152	28580	424159	624997	2.76	SA	118		-115.24			91		1
CO-152	28580	424159	624997	2.76	H1	118	118	-115.24	-115.24	0	91		1
CO-1643	26553	440632.278	708209.815	13.06	TC	63	95	-49.94	-81.94	32	169		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
CO-1990	28546	457788	678441	14	TC	52	68	-38	-54	16	169		1
CO-1990	28546	457788	678441	14	LT	68		-54			169		1
CO-201	28582	428700	630000	6.77	WT	0	12	6.77	-5.23	12	91		1
CO-201	28582	428700	630000	6.77	TC	12	20	-5.23	-13.23	8	91		1
CO-2115	28547	399698	697634	11	LT	43	123	-32	-112	80	169		1
CO-2115	28547	399698	697634	11	SA	123		-112			169		1
CO-2318	27381	433829.989	695522.633	14	WT	0	25	14	-11	25	162		1
CO-2318	27381	433829.989	695522.633	14	TC	25	33	-11	-19	8	162		1
CO-2318	27381	433829.989	695522.633	14	LT	33	206	-19	-192	173	162		1
CO-2318	27381	433829.989	695522.633	14	SA	206	280	-192	-266	74	162		1
CO-2318	27381	433829.989	695522.633	14	H2	280	415	-266	-401	135	162		1
CO-2318	27381	433829.989	695522.633	14	HM	415		-401			162		1
CO-2752	28548	439474	695292	13	LT	42		-29			169		1
CO-2753	28549	436287	695207	14	LT	42	182	-28	-168	140	169		1
CO-2760	28550	445848	695360	13	LT	37	139	-24	-126	102	169		1
CO-33	28552	406009	656097	6	TC	12	20	-6	-14	8	169		1
CO-33	28552	406009	656097	6	LT	20	167	-14	-161	147	169		1
CO-488	28555	412410	659694	9	TC	0	11	9	-2	11	169		1
CO-488	28555	412410	659694	9	LT	11	120	-2	-111	109	169		1
CO-523	26622	386745.536	722654.417	8.45	TC	28	76	-19.55	-67.55	48	169		1
CO-547	28556	425239	706271	15	TC	70		-55			169		1
CO-548	28557	430424	705638	15	WT	0	50	15	-35	50	169		1
CO-548	28557	430424	705638	15	TC	50	85	-35	-70	35	169		1
CO-548	28557	430424	705638	15	LT	85		-70			169		1
CO-820	28558	426429	640130	9	TC	0	8	9	1	8	169		1
CO-820	28558	426429	640130	9	LT	8	105	1	-96	97	169		1
CO-912	28559	402005	641681	5	TC	16	22	-11	-17	6	169		1
CO-912	28559	402005	641681	5	LT	22	128	-17	-123	106	169		1
CO-914	28560	408396	643259	5	TC	0	8	5	-3	8	169		1
CO-914	28560	408396	643259	5	LT	8	125	-3	-120	117	169		1
CO-961	28561	400001	687534	10	LT	43		-33			169		1
COLENT_LT	28849	567562	719713	18.94	LT	46	53	-27.06	-34.06	7	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
COLENT_WT	28848	562426	720871	18.19	WT	23	47	-4.81	-28.81	24	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
COLGN2_LT	28878	540709	737983	20.61	LT	70		-49.39			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
CORKCIT_SA	28852	492176	778452	23.57	SA	75		-51.43			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
CPG-4	23923	449362	965643	58	WT	0	20	58	38	20	2		1
CPG-4	23923	449362	965643	58	H1	20	115	38	-57	95	2		1
CPG-4	23923	449362	965643	58	SA	115	135	-57	-77	20	2		1
CPG-4	23923	449362	965643	58	H2	135	309	-77	-251	174	2		1
CPG-4	23923	449362	965643	58	HM	309	350	-251	-292	41	2		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
CPG-4	23923	449362	965643	58	H3	350	509	-292	-451	159	2		1
CR00002	5	413002.172	640742.458	5	LT	54	114	-49	-109	60	79		1
CR00002	5	413002.172	640742.458	5	S2	114	155	-109	-150	41	79		1
CR00002	5	413002.172	640742.458	5	SA	114		-109			79		1
CR00007	8	428267.132	681952.019	13	TC	10	42	3	-29	32	169		1
CR00007	8	428267.132	681952.019	13	LT	42	92	-29	-79	50	169		1
CR00008	9	430880.196	693954.205	13	WT	0	35	13	-22	35	79		1
CR00008	9	430880.196	693954.205	13	TC	8	51	5	-38	43	169		1
CR00008	9	430880.196	693954.205	13	LT	51	123	-38	-110	72	79		1
CR00008	9	430880.196	693954.205	13	S2	123	153	-110	-140	30	79		1
CR00008	9	430880.196	693954.205	13	SA	153		-140			79		1
CR00012	13	446211.203	608157.168	4	LT	47	93	-43	-89	46	147		1
CR00012	13	446211.203	608157.168	4	SA	93		-89			147		1
CR00012	13	446211.203	608157.168	4	S2	93	139	-89	-135	46	147		1
CR00012	13	446211.203	608157.168	4	H1	139		-135			147		1
CR00016	21002	419867.849	645752.182	7.55	WT	0	6	7.55	1.55	6	147		1
CR00016	21002	419867.849	645752.182	7.55	TC	6	14	1.55	-6.45	8	147		1
CR00016	21002	419867.849	645752.182	7.55	LT	14	117	-6.45	-109.45	103	147		1
CR00016	21002	419867.849	645752.182	7.55	H1	117	141	-109.45	-133.45	24	147		1
CR00016	21002	419867.849	645752.182	7.55	SA	141		-133.45			147		1
CR00016	21002	419867.849	645752.182	7.55	S2	141		-133.45			147		1
CR00017	18	404278.714	691882.502	10.21	WT	0	12	10.21	-1.79	12	147		1
CR00017	18	404278.714	691882.502	10.21	TC	12	37	-1.79	-26.79	25	147		1
CR00017	18	404278.714	691882.502	10.21	LT	37	94	-26.79	-83.79	57	147		1
CR00017	18	404278.714	691882.502	10.21	S2	94	116	-83.79	-105.79	22	147		1
CR00017	18	404278.714	691882.502	10.21	SA	94	170	-83.79	-159.79	76	147		1
CR00017	18	404278.714	691882.502	10.21	S1	136	170	-125.79	-159.79	34	147		1
CR00018	19	418958.352	662517.558	8.57	TC	11	35	-2.43	-26.43	24	169		1
CR00018	19	418958.352	662517.558	8.57	LT	35	87	-26.43	-78.43	52	169		1
CR00020	21	393207.776	683468.249	14	WT	0	40	14	-26	40	79		1
CR00020	21	393207.776	683468.249	14	TC	40	50	-26	-36	10	79		1
CR00020	21	393207.776	683468.249	14	LT	50	123	-36	-109	73	79		1
CR00020	21	393207.776	683468.249	14	S2	123	190	-109	-176	67	79		1
CR00020	21	393207.776	683468.249	14	SA	123		-109			79		1
CR00021	22	430912.379	700012.047	14	WT	0	50	14	-36	50	79		1
CR00021	22	430912.379	700012.047	14	TC	50	90	-36	-76	40	79		1
CR00021	22	430912.379	700012.047	14	LT	90	127	-76	-113	37	79		1
CR00021	22	430912.379	700012.047	14	SA	127	260	-113	-246	133	79		1
CR00021	22	430912.379	700012.047	14	H2	260		-246			79		1
CR00022	23	389102.582	696922.786	5	WT	0	20	5	-15	20	79		1
CR00022	23	389102.582	696922.786	5	TC	20	40	-15	-35	20	79		1
CR00022	23	389102.582	696922.786	5	LT	40		-35			79		1
CR00023	24	398772.233	669803.473	2.99	WT	0	25	2.99	-22.01	25	169		1
CR00023	24	398772.233	669803.473	2.99	TC	25	40	-22.01	-37.01	15	169		1
CR00023	24	398772.233	669803.473	2.99	LT	40	90	-37.01	-87.01	50	169		1
CR00023	24	398772.233	669803.473	2.99	H1	90	123	-87.01	-120.01	33	147		1
CR00023	24	398772.233	669803.473	2.99	SA	123		-120.01			147		1
CR00025	26	400816.136	645962.882	4	WT	0	20	4	-16	20	79		1
CR00025	26	400816.136	645962.882	4	TC	20	30	-16	-26	10	79		1
CR00025	26	400816.136	645962.882	4	LT	30		-26			79		1
CR00026	27	415468	682951.278	8	WT	0	20	8	-12	20	79		1
CR00026	27	415468	682951.278	8	TC	20	61	-12	-53	41	79		1
CR00026	27	415468	682951.278	8	LT	61		-53			79		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
CR00031	32	433435.386	625284.456	7	H1	107	139	-100	-132	32	147		1
CR00031	32	433435.386	625284.456	7	S2	139	175	-132	-168	36	147		1
CR00031	32	433435.386	625284.456	7	SA	139		-132			147		1
CR00032	21004	431574	658293.133	11	WT	0	50	11	-39	50	79		1
CR00032	21004	431574	658293.133	11	TC	50	60	-39	-49	10	79		1
CR00032	21004	431574	658293.133	11	LT	60	170	-49	-159	110	79		1
CR00032	21004	431574	658293.133	11	H1	170	230	-159	-219	60	79		1
CR00032	21004	431574	658293.133	11	S2	230	230	-219	-219	0	79	Unit absent - data used to constrain the interpolation of the surface	-1
CR00032	21004	431574	658293.133	11	S1	230	254	-219	-243	24	79		1
CR00032	21004	431574	658293.133	11	SA	230	254	-219	-243	24	79		1
CR00032	21004	431574	658293.133	11	H2	254	300	-243	-289	46	79		1
CR00032	21004	431574	658293.133	11	HM	300	428	-289	-417	128	79		1
CR00032	21004	431574	658293.133	11	H3	428		-417			79		1
CR00034	35	430389.544	635496.566	7	LT	0	80	7	-73	80	91		1
CR00034	35	430389.544	635496.566	7	WT	0	0	7	7	0	91		1
CR00034	35	430389.544	635496.566	7	H1	80	80	-73	-73	0	91		1
CR00034	35	430389.544	635496.566	7	SA	80		-73			91		1
CR00035	36	422431	631096.973	6	H1	175		-169			79		1
CR00037	21006	476717.203	659003.285	12	SA	160	201	-148	-189	41	147		1
CR00037	21006	476717.203	659003.285	12	S2	160	185	-148	-173	25	147		1
CR00037	21006	476717.203	659003.285	12	S1	185	201	-173	-189	16	147		1
CR00037	21006	476717.203	659003.285	12	H2	201	394	-189	-382	193	147		1
CR00037	21006	476717.203	659003.285	12	HM	394	450	-382	-438	56	147		1
CR00037	21006	476717.203	659003.285	12	H3	450	7600	-438	-7588	7150	147		1
CR00039	21010	516093.247	661581.747	14	TC	0	10	14	4	10	169		1
CR00039	21010	516093.247	661581.747	14	LT	10	84	4	-70	74	169		1
CR00039	21010	516093.247	661581.747	14	H1	84	124	-70	-110	40	147		1
CR00039	21010	516093.247	661581.747	14	S2	124	154	-110	-140	30	147		1
CR00039	21010	516093.247	661581.747	14	SA	124	190	-110	-176	66	147		1
CR00039	21010	516093.247	661581.747	14	S1	174	190	-160	-176	16	147		1
CR00039	21010	516093.247	661581.747	14	H2	190	390	-176	-376	200	147		1
CR00039	21010	516093.247	661581.747	14	HM	390	490	-376	-476	100	147		1
CR00039	21010	516093.247	661581.747	14	H3	490	630	-476	-616	140	147		1
CR00041	21012	425268.375	600784.752	6	WT	0	40	6	-34	40	79		1
CR00041	21012	425268.375	600784.752	6	TC	40	60	-34	-54	20	79		1
CR00041	21012	425268.375	600784.752	6	LT	60	190	-54	-184	130	147		1
CR00041	21012	425268.375	600784.752	6	S2	190	220	-184	-214	30	147		1
CR00041	21012	425268.375	600784.752	6	SA	190	220	-184	-214	30	147		1
CR00041	21012	425268.375	600784.752	6	H2	220	360	-214	-354	140	79		1
CR00041	21012	425268.375	600784.752	6	S1	220	220	-214	-214	0	147	Unit absent - data used to constrain the interpolation of the surface	-1
CR00041	21012	425268.375	600784.752	6	HM	360	450	-354	-444	90	79		1
CR00041	21012	425268.375	600784.752	6	H3	450	650	-444	-644	200	79		1
CR00047	47	462457.306	689658.695	14	WT	0	40	14	-26	40	79		1
CR00047	47	462457.306	689658.695	14	TC	40	60	-26	-46	20	79		1
CR00047	47	462457.306	689658.695	14	LT	60	150	-46	-136	90	79		1
CR00047	47	462457.306	689658.695	14	S2	150	220	-136	-206	70	79		1
CR00047	47	462457.306	689658.695	14	SA	150	250	-136	-236	100	79		1
CR00047	47	462457.306	689658.695	14	S1	240	250	-226	-236	10	79		1
CR00047	47	462457.306	689658.695	14	H2	250	360	-236	-346	110	79		1
CR00047	47	462457.306	689658.695	14	HM	360		-346			79		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
CR00048	48	448032.743	625816.885	5.91	WT	0	50	5.91	-44.09	50	79		1
CR00048	48	448032.743	625816.885	5.91	TC	50	60	-44.09	-54.09	10	79		1
CR00048	48	448032.743	625816.885	5.91	LT	60	120	-54.09	-114.09	60	79		1
CR00048	48	448032.743	625816.885	5.91	S2	120	160	-114.09	-154.09	40	79		1
CR00048	48	448032.743	625816.885	5.91	SA	120		-114.09			79		1
CR00051	50	474303.845	627514.258	8	WT	0	60	8	-52	60	79		1
CR00051	50	474303.845	627514.258	8	LT	60	140	-52	-132	80	79		1
CR00051	50	474303.845	627514.258	8	SA	140		-132			79		1
CR00051	50	474303.845	627514.258	8	S2	140	183	-132	-175	43	79		1
CR00062	20914	539286.404	777921.665	30	WT	0	40	30	-10	40	79		1
CR00062	20914	539286.404	777921.665	30	TC	40	60	-10	-30	20	79		1
CR00062	20914	539286.404	777921.665	30	LT	60	100	-30	-70	40	79		1
CR00062	20914	539286.404	777921.665	30	H1	100	160	-70	-130	60	79		1
CR00062	20914	539286.404	777921.665	30	SA	160		-130			79		1
CR00062	20914	539286.404	777921.665	30	S2	160	220	-130	-190	60	79		1
CR02003	74	435443.973	643346.596	9	WT	0	20	9	-11	20	91		1
CR02003	74	435443.973	643346.596	9	TC	20	29	-11	-20	9	91		1
CR02003	74	435443.973	643346.596	9	LT	29	99	-20	-90	70	91		1
CR02003	74	435443.973	643346.596	9	SA	99	171	-90	-162	72	91		1
CR02003	74	435443.973	643346.596	9	H1	99	99	-90	-90	0	91		1
CSASR-MW4	28423	426134.016	774379.236	22.9	H1	80	125	-57.1	-102.1	45	140		1
CSASR-MW4	28423	426134.016	774379.236	22.9	H1	80	125	-57.1	-102.1	45	141		1
CSASR-MW4	28423	426134.016	774379.236	22.9	SA	125	277	-102.1	-254.1	152	141		1
CSASR-MW4	28423	426134.016	774379.236	22.9	SA	125	277	-102.1	-254.1	152	140		1
CSASR-MW4	28423	426134.016	774379.236	22.9	H2	277	330	-254.1	-307.1	53	141		1
CSASR-MW4	28423	426134.016	774379.236	22.9	H2	277	330	-254.1	-307.1	53	140		1
CSASR-MW5	28422	424614.662	776893.756	23.97	H1	58	100	-34.03	-76.03	42	141		1
CSASR-MW5	28422	424614.662	776893.756	23.97	H1	58	100	-34.03	-76.03	42	140		1
CSASR-MW5	28422	424614.662	776893.756	23.97	SA	100	202	-76.03	-178.03	102	141		1
CSASR-MW5	28422	424614.662	776893.756	23.97	S2	100	157	-76.03	-133.03	57	141		1
CSASR-MW5	28422	424614.662	776893.756	23.97	SA	100	202	-76.03	-178.03	102	140		1
CSASR-MW5	28422	424614.662	776893.756	23.97	S2	100	157	-76.03	-133.03	57	140		1
CSASR-MW5	28422	424614.662	776893.756	23.97	S1	182	202	-158.03	-178.03	20	141		1
CSASR-MW5	28422	424614.662	776893.756	23.97	S1	182	202	-158.03	-178.03	20	140		1
CSASR-MW5	28422	424614.662	776893.756	23.97	H2	202	295	-178.03	-271.03	93	141		1
CSASR-MW5	28422	424614.662	776893.756	23.97	H2	202	295	-178.03	-271.03	93	140		1
CSASR-MW6	28424	423496.881	779038.03	26.1	WT	0	10	26.1	16.1	10	141		1
CSASR-MW6	28424	423496.881	779038.03	26.1	WT	0	10	26.1	16.1	10	140		1
CSASR-MW6	28424	423496.881	779038.03	26.1	LT	10	61	16.1	-34.9	51	140		1
CSASR-MW6	28424	423496.881	779038.03	26.1	LT	10	61	16.1	-34.9	51	141		1
CSASR-MW6	28424	423496.881	779038.03	26.1	H1	61	100	-34.9	-73.9	39	141		1
CSASR-MW6	28424	423496.881	779038.03	26.1	H1	61	100	-34.9	-73.9	39	140		1
CSASR-MW6	28424	423496.881	779038.03	26.1	SA	100	184	-73.9	-157.9	84	140		1
CSASR-MW6	28424	423496.881	779038.03	26.1	SA	100	184	-73.9	-157.9	84	141		1
CSASR-MW6	28424	423496.881	779038.03	26.1	H2	184	241	-157.9	-214.9	57	140		1
CSASR-MW6	28424	423496.881	779038.03	26.1	H2	184	241	-157.9	-214.9	57	141		1
CSASR-MW6	28424	423496.881	779038.03	26.1	HM	241		-214.9			140		1
CSASR-MW6	28424	423496.881	779038.03	26.1	HM	241		-214.9			141		1
CSF4_SA	28755	576894	845826	25.92	SA	200		-174.08			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
CSF5_SA	28754	571998	825798	28	SA	164		-136			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
DESFAR_SA	28854	620572	848920	22.88	SA	129	159	-106.12	-136.12	30	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
DESFAR2_SA	28879	623358	852488	21.06	SA	131	171	-109.94	-149.94	40	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
DINISL_LT	28856	614826	790107	26.73	LT	0	86	26.73	-59.27	86	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
EAGLEF_SA	28738	581702.297	884968.485	18.3	H1	80	150	-61.7	-131.7	70	148		1
EAGLEF_SA	28738	581702.297	884968.485	18.3	SA	150		-131.7			148		1
ECBB_LT	28857	394135	660252	4.73	LT	45	50	-40.27	-45.27	5	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
ECHO_HM	28730	397829	867696	10.21	WT	0	20	10.21	-9.79	20	148		1
ECHO_HM	28730	397829	867696	10.21	H1	20	80	-9.79	-69.79	60	148		1
ECHO_HM	28730	397829	867696	10.21	SA	80	145	-69.79	-134.79	65	148		1
ECHO_HM	28730	397829	867696	10.21	H2	145		-134.79			148		1
EPI_HM	28726	292396	828674	4.4	HM	200		-195.6			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
EVEREST-IW	27948	350300.421	827133.948	8	WT	0	20	8	-12	20	118		1
EVEREST-IW	27948	350300.421	827133.948	8	HM	130	280	-122	-272	150	118		1
EVERESTMW1	28150	350310.525	827001.284	8.5	WT	0	40	8.5	-31.5	40	118		1
EVERESTMW1	28150	350310.525	827001.284	8.5	H3	430	482	-421.5	-473.5	52	118		1
EXBRY-1	26214	475404.088	855772.73	25.1	S2	65	110	-39.9	-84.9	45	174		1
EXBRY-1	26214	475404.088	855772.73	25.1	SA	65	190	-39.9	-164.9	125	174		1
EXBRY-1	26214	475404.088	855772.73	25.1	S1	145	190	-119.9	-164.9	45	174		1
EXBRY-1	26214	475404.088	855772.73	25.1	H3	190	640	-164.9	-614.9	450	174		1
FCW_10-70	28679	355500	809000	7.17	WT	1	20	6.17	-12.83	19	81		1
FCW_10-70	28679	355500	809000	7.17	TC	20	20	-12.83	-12.83	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
FCW_10-70	28679	355500	809000	7.17	H1	20	104	-12.83	-96.83	84	81		1
FCW_10-70	28679	355500	809000	7.17	SA	104		-96.83			81		1
FCW_11-70	28680	369000	808500	7.29	WT	1	36	6.29	-28.71	35	81		1
FCW_11-70	28680	369000	808500	7.29	H1	36	65	-28.71	-57.71	29	81		1
FCW_11-70	28680	369000	808500	7.29	TC	36	36	-28.71	-28.71	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
FCW_11-70	28680	369000	808500	7.29	SA	65		-57.71			81		1
FCW_1-70	28584	369000	806000	9.06	WT	1	50	8.06	-40.94	49	81		1
FCW_1-70	28584	369000	806000	9.06	TC	50	50	-40.94	-40.94	0	81	Unit absent - data used to constrain the interpolation of the surface	-1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
FCW_1-70	28584	369000	806000	9.06	H1	70	80	-60.94	-70.94	10	81		1
FCW_1-70	28584	369000	806000	9.06	SA	80		-70.94			81		1
FCW_2-70	28585	369500	807500	8.27	WT	1	60	7.27	-51.73	59	81		1
FCW_2-70	28585	369500	807500	8.27	TC	60	60	-51.73	-51.73	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
FCW_2-70	28585	369500	807500	8.27	H1	60	70	-51.73	-61.73	10	81		1
FCW_2-70	28585	369500	807500	8.27	SA	70		-61.73			81		1
FCW_3-70	28681	369000	809000	8.56	WT	1	31	7.56	-22.44	30	81		1
FCW_3-70	28681	369000	809000	8.56	TC	31	78	-22.44	-69.44	47	81		1
FCW_3-70	28681	369000	809000	8.56	H1	60	82	-51.44	-73.44	22	81		1
FCW_3-70	28681	369000	809000	8.56	SA	82		-73.44			81		1
FCW_4-70	28682	367000	810500	9.37	WT	1	31	8.37	-21.63	30	81		1
FCW_4-70	28682	367000	810500	9.37	H1	31	80	-21.63	-70.63	49	81		1
FCW_4-70	28682	367000	810500	9.37	TC	31	31	-21.63	-21.63	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
FCW_4-70	28682	367000	810500	9.37	SA	80		-70.63			81		1
FCW_5-70	28683	369000	813000	5.08	WT	0	41	5.08	-35.92	41	81		1
FCW_5-70	28683	369000	813000	5.08	H1	41	72	-35.92	-66.92	31	81		1
FCW_5-70	28683	369000	813000	5.08	TC	41	41	-35.92	-35.92	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
FCW_5-70	28683	369000	813000	5.08	SA	72		-66.92			81		1
FCW_7-70	28586	369000	797500	6.17	WT	1	52	5.17	-45.83	51	81		1
FCW_7-70	28586	369000	797500	6.17	TC	52	52	-45.83	-45.83	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
FCW_7-70	28586	369000	797500	6.17	H1	52	84	-45.83	-77.83	32	81		1
FCW_7-70	28586	369000	797500	6.17	SA	84		-77.83			81		1
FCW_8	28587	371500	803000	29.19	WT	0	40	29.19	-10.81	40	81		1
FCW_8	28587	371500	803000	29.19	H1	40	78	-10.81	-48.81	38	81		1
FCW_8	28587	371500	803000	29.19	TC	40	40	-10.81	-10.81	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
FCW_8	28587	371500	803000	29.19	SA	78		-48.81			81		1
FG_LT	28860	503630	810015	32.54	LT	40	50	-7.46	-17.46	10	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
FGON_WT	28861	431159	660208	10.27	WT	42	47	-31.73	-36.73	5	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
FGUA-ETW1	28443	461892.21	807707.677	28.8	WT	0	25	28.8	3.8	25	46		1
FGUA-ETW1	28443	461892.21	807707.677	28.8	H1	25	75	3.8	-46.2	50	46		1
FGUA-ETW1	28443	461892.21	807707.677	28.8	SA	75	186	-46.2	-157.2	111	46		1
FGUA-ETW1	28443	461892.21	807707.677	28.8	S2	75	105	-46.2	-76.2	30	46		1
FGUA-ETW1	28443	461892.21	807707.677	28.8	S1	162	186	-133.2	-157.2	24	46		1
FGUA-ETW1	28443	461892.21	807707.677	28.8	H2	186	310	-157.2	-281.2	124	147		1
FGUA-ETW1	28443	461892.21	807707.677	28.8	HM	310	325	-281.2	-296.2	15	147		1
FGUA-ETW1	28443	461892.21	807707.677	28.8	H3	325	660	-296.2	-631.2	335	147		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
FIRE4_HM	28725	434085	823878	27.92	HM	250		-222.08			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
FIRE5_HM	28727	458614	810631	29.96	HM	225		-195.04			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
FMB-MW	27379	350747.433	785108.319	3.73	WT	0	40	3.73	-36.27	40	32		1
FMB-MW	27379	350747.433	785108.319	3.73	H2	40	140	-36.27	-136.27	100	32		1
FMFPL_TW1	26986	401305.57	859319.96	6	WT	0	8	6	-2	8	1		1
FMFPL_TW1	26986	401305.57	859319.96	6	LT	8	26	-2	-20	18	1		1
FMFPL_TW1	26986	401305.57	859319.96	6	H1	26	79	-20	-73	53	1		1
FMFPL_TW1	26986	401305.57	859319.96	6	SA	79	134	-73	-128	55	1		1
FMFPL_TW1	26986	401305.57	859319.96	6	H2	134	174	-128	-168	40	1		1
FMFPL_TW1	26986	401305.57	859319.96	6	HM	174	380	-168	-374	206	1		1
FMFPL_TW1	26986	401305.57	859319.96	6	H3	380	500	-374	-494	120	1		1
FOW_SA	28859	520558	757526	30.83	SA	100		-69.17			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
FTM_RO-P1	26151	386484.634	835072.015	23.86	WT	0	30	23.86	-6.14	30	31		1
FTM_RO-P1	26151	386484.634	835072.015	23.86	H1	30	80	-6.14	-56.14	50	31		1
FTM_RO-P1	26151	386484.634	835072.015	23.86	SA	80	110	-56.14	-86.14	30	31		1
FTM_RO-P1	26151	386484.634	835072.015	23.86	H2	110	180	-86.14	-156.14	70	31		1
FTM_RO-P1	26151	386484.634	835072.015	23.86	HM	180	210	-156.14	-186.14	30	31		1
FTM_RO-P1	26151	386484.634	835072.015	23.86	H3	210	450	-186.14	-426.14	240	31		1
FTM_RO-P3	26105	387000	834000	18	WT	0	30	18	-12	30	36		1
FTM_RO-P3	26105	387000	834000	18	H1	30	90	-12	-72	60	36		1
FTM_RO-P3	26105	387000	834000	18	SA	90	100	-72	-82	10	36		1
FTM_RO-P3	26105	387000	834000	18	H2	100	200	-82	-182	100	36		1
FTM_RO-P3	26105	387000	834000	18	HM	200	320	-182	-302	120	36		1
FTM_RO-P3	26105	387000	834000	18	H3	320	480	-302	-462	160	36		1
FTM_RO-P4	26106	387000	832900	18	WT	0	30	18	-12	30	36		1
FTM_RO-P4	26106	387000	832900	18	H1	30	80	-12	-62	50	36		1
FTM_RO-P4	26106	387000	832900	18	SA	80	129	-62	-111	49	36		1
FTM_RO-P4	26106	387000	832900	18	H2	129	180	-111	-162	51	36		1
FTM_RO-P4	26106	387000	832900	18	HM	180	300	-162	-282	120	36		1
FTM_RO-P4	26106	387000	832900	18	H3	300	470	-282	-452	170	36		1
FTM_RO-P5	26107	387000	831600	17	WT	0	30	17	-13	30	36		1
FTM_RO-P5	26107	387000	831600	17	H1	30	90	-13	-73	60	36		1
FTM_RO-P5	26107	387000	831600	17	SA	90	140	-73	-123	50	36		1
FTM_RO-P5	26107	387000	831600	17	H2	140	250	-123	-233	110	36		1
FTM_RO-P5	26107	387000	831600	17	HM	250	410	-233	-393	160	36		1
FTM_RO-P5	26107	387000	831600	17	H3	410	470	-393	-453	60	36		1
FTM_RO-P6	26108	387000	830400	17	WT	0	30	17	-13	30	36		1
FTM_RO-P6	26108	387000	830400	17	H1	30	80	-13	-63	50	36		1
FTM_RO-P6	26108	387000	830400	17	SA	80	120	-63	-103	40	36		1
FTM_RO-P6	26108	387000	830400	17	H2	120	200	-103	-183	80	36		1
FTM_RO-P6	26108	387000	830400	17	HM	200	340	-183	-323	140	36		1
FTM_RO-P6	26108	387000	830400	17	H3	340	430	-323	-413	90	36		1
FTM_RO-P7	26109	386900	829200	17	WT	0	30	17	-13	30	36		1
FTM_RO-P7	26109	386900	829200	17	H1	30	70	-13	-53	40	36		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
FTM_RO-P7	26109	386900	829200	17	SA	70	120	-53	-103	50	36		1
FTM_RO-P7	26109	386900	829200	17	H2	120	170	-103	-153	50	36		1
FTM_RO-P7	26109	386900	829200	17	HM	170	340	-153	-323	170	36		1
FTM_RO-P7	26109	386900	829200	17	H3	340	430	-323	-413	90	36		1
FTM-DZMW1	27611	385929.456	834794.663	20	WT	0	20	20	0	20	38		1
FTM-DZMW1	27611	385929.456	834794.663	20	TC	30	40	-10	-20	10	38		1
FTM-DZMW1	27611	385929.456	834794.663	20	H1	40	80	-20	-60	40	38		1
FTM-DZMW1	27611	385929.456	834794.663	20	SA	80	120	-60	-100	40	38		1
FTM-DZMW1	27611	385929.456	834794.663	20	H2	120	180	-100	-160	60	38		1
FTM-DZMW1	27611	385929.456	834794.663	20	HM	180	230	-160	-210	50	38		1
FTM-DZMW1	27611	385929.456	834794.663	20	H3	230	440	-210	-420	210	38		1
FTM-IW1	25991	385993.243	834834.642	17.8	WT	0	30	17.8	-12.2	30	38		1
FTM-IW1	25991	385993.243	834834.642	17.8	H1	30	80	-12.2	-62.2	50	38		1
FTM-IW1	25991	385993.243	834834.642	17.8	SA	80	100	-62.2	-82.2	20	38		1
FTM-IW1	25991	385993.243	834834.642	17.8	H2	100	180	-82.2	-162.2	80	38		1
FTM-IW1	25991	385993.243	834834.642	17.8	HM	180	210	-162.2	-192.2	30	38		1
FTM-IW1	25991	385993.243	834834.642	17.8	H3	210	420	-192.2	-402.2	210	38		1
FTM-P13	27788	389738.188	835329.529	17.88	WT	0	50	17.88	-32.12	50	43		1
FTM-P13	27788	389738.188	835329.529	17.88	H1	50	110	-32.12	-92.12	60	43		1
FTM-P13	27788	389738.188	835329.529	17.88	SA	110	140	-92.12	-122.12	30	43		1
FTM-P13	27788	389738.188	835329.529	17.88	H2	140	200	-122.12	-182.12	60	43		1
FTM-P13	27788	389738.188	835329.529	17.88	HM	200	260	-182.12	-242.12	60	43		1
FTM-P13	27788	389738.188	835329.529	17.88	H3	260	570	-242.12	-552.12	310	43		1
FTM-P14	27789	390936.539	835250.205	17.89	WT	0	60	17.89	-42.11	60	43		1
FTM-P14	27789	390936.539	835250.205	17.89	LT	60	60	-42.11	-42.11	0	43	Unit absent - data used to constrain the interpolation of the surface	-1
FTM-P14	27789	390936.539	835250.205	17.89	H1	60	80	-42.11	-62.11	20	43		1
FTM-P14	27789	390936.539	835250.205	17.89	SA	80	140	-62.11	-122.11	60	43		1
FTM-P14	27789	390936.539	835250.205	17.89	H2	140	180	-122.11	-162.11	40	43		1
FTM-P14	27789	390936.539	835250.205	17.89	HM	180	190	-162.11	-172.11	10	43		1
FTM-P14	27789	390936.539	835250.205	17.89	H3	190	460	-172.11	-442.11	270	43		1
FTM-P15	27790	390954.536	834082.775	18.31	WT	0	40	18.31	-21.69	40	43		1
FTM-P15	27790	390954.536	834082.775	18.31	H1	40	80	-21.69	-61.69	40	43		1
FTM-P15	27790	390954.536	834082.775	18.31	SA	80	130	-61.69	-111.69	50	43		1
FTM-P15	27790	390954.536	834082.775	18.31	H2	130	180	-111.69	-161.69	50	43		1
FTM-P15	27790	390954.536	834082.775	18.31	HM	180	250	-161.69	-231.69	70	43		1
FTM-P15	27790	390954.536	834082.775	18.31	H3	250		-231.69			43		1
FTM-P16	27791	390942.371	833024.594	18.31	WT	0	20	18.31	-1.69	20	43		1
FTM-P16	27791	390942.371	833024.594	18.31	H1	20	70	-1.69	-51.69	50	43		1
FTM-P16	27791	390942.371	833024.594	18.31	SA	70	120	-51.69	-101.69	50	43		1
FTM-P16	27791	390942.371	833024.594	18.31	H2	120	190	-101.69	-171.69	70	43		1
FTM-P16	27791	390942.371	833024.594	18.31	HM	190	200	-171.69	-181.69	10	43		1
FTM-P16	27791	390942.371	833024.594	18.31	H3	200	480	-181.69	-461.69	280	43		1
FTM-P17	27792	390971.981	831970.187	18.31	WT	0	30	18.31	-11.69	30	43		1
FTM-P17	27792	390971.981	831970.187	18.31	H1	30	100	-11.69	-81.69	70	43		1
FTM-P17	27792	390971.981	831970.187	18.31	SA	100	140	-81.69	-121.69	40	43		1
FTM-P17	27792	390971.981	831970.187	18.31	H2	140	190	-121.69	-171.69	50	43		1
FTM-P17	27792	390971.981	831970.187	18.31	HM	190	280	-171.69	-261.69	90	43		1
FTM-P17	27792	390971.981	831970.187	18.31	H3	280	460	-261.69	-441.69	180	43		1
G-2314	25587	710642.492	726202.787	11	TC	30	40	-19	-29	10	136		1
G-2329	25596	703428.935	667839.226	10.56	TC	7	73	3.56	-62.44	66	136		1
G-2329	25596	703428.935	667839.226	10.56	LT	73	137	-62.44	-126.44	64	136		1
G-2338	25607	707654.148	639373.854	8.08	TC	47	97	-38.92	-88.92	50	136		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
G-2338	25607	707654.148	639373.854	8.08	LT	97	154	-88.92	-145.92	57	136		1
G-2340	25592	712046.328	696522.173	11.1	WT	0	17	11.1	-5.9	17	68		1
G-2340	25592	712046.328	696522.173	11.1	TC	17	60	-5.9	-48.9	43	136		1
G-2340	25592	712046.328	696522.173	11.1	LT	60	147	-48.9	-135.9	87	138		1
G-2346	25555	698023.397	605643.679	8.37	TC	18	58	-9.63	-49.63	40	136		1
G-2346	25555	698023.397	605643.679	8.37	LT	58	128	-49.63	-119.63	70	136		1
G-3295	25553	706575.876	548108.274	6.5	TC	19	57	-12.5	-50.5	38	136		1
G-3295	25553	706575.876	548108.274	6.5	LT	57	135	-50.5	-128.5	78	136		1
G-3301	25554	713283.931	518739.04	5.5	TC	19	72	-13.5	-66.5	53	136		1
G-3301	25554	713283.931	518739.04	5.5	LT	72	152	-66.5	-146.5	80	136		1
G-3308	25570	733188.794	481417.208	4.5	TC	14	111	-9.5	-106.5	97	136		1
G-3308	25570	733188.794	481417.208	4.5	LT	111	160	-106.5	-155.5	49	136		1
G-3317	25571	722538.32	384386.542	0.51	TC	27	84	-26.49	-83.49	57	136		1
G-3317	25571	722538.32	384386.542	0.51	LT	84	153	-83.49	-152.49	69	136		1
GCOJW_WT	28887	401807	690385	10.19	WT	0	30	10.19	-19.81	30	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
GGSC_WT	28886	409120	670080	8.76	WT	0	30	8.76	-21.24	30	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
GL-258	4897	585237	920382.679	23.73	WT	0	40	23.73	-16.27	40	112		1
GL-258	4897	585237	920382.679	23.73	TC	40	55	-16.27	-31.27	15	112		1
GL-258	4897	585237	920382.679	23.73	LT	55	120	-31.27	-96.27	65	112		1
GL-258	4897	585237	920382.679	23.73	H1	120		-96.27			112		1
GL-5C	22771	553433.737	957444.26	40.85	WT	0	40	40.85	0.85	40	147		1
GL-5C	22771	553433.737	957444.26	40.85	H1	40		0.85			147		1
GL-5C	22771	553433.737	957444.26	40.85	HM	360	466	-319.15	-425.15	106	147		1
GLF-0002	23320	650450.001	983226.36	13.91	WT	0	162	13.91	-148.09	162	147		1
GLF-0002	23320	650450.001	983226.36	13.91	H1	162	215	-148.09	-201.09	53	147		-1
GLF-0002	23320	650450.001	983226.36	13.91	LT	162	162	-148.09	-148.09	0	147	Unit absent - data used to constrain the interpolation of the surface	-1
GLF-0002	23320	650450.001	983226.36	13.91	SA	215	215	-201.09	-201.09	0	147	Unit absent - data used to constrain the interpolation of the surface	-1
GLF-0002	23320	650450.001	983226.36	13.91	H2	215	445	-201.09	-431.09	230	147		1
GLF-0002	23320	650450.001	983226.36	13.91	HM	445	456	-431.09	-442.09	11	147		1
GLF-0002	23320	650450.001	983226.36	13.91	H3	456	640	-442.09	-626.09	184	147		1
GLF-5	4387	573863.967	938477.979	31	WT	0	250	31	-219	250	147		1
GLF-5	4387	573863.967	938477.979	31	H2	250	440	-219	-409	190	147		1
GLF-5	4387	573863.967	938477.979	31	S1	250	250	-219	-219	0	137	Unit absent - data used to constrain the interpolation of the surface	-1
GLF-5	4387	573863.967	938477.979	31	SA	250	250	-219	-219	0	137	Unit absent - data used to constrain the interpolation of the surface	-1
GLF-5	4387	573863.967	938477.979	31	S2	250	250	-219	-219	0	137	Unit absent - data used to constrain the interpolation of the surface	-1
GLF-5	4387	573863.967	938477.979	31	LT	250	250	-219	-219	0	137	Unit absent - data used to constrain the interpolation of the surface	-1
GLF-5	4387	573863.967	938477.979	31	HM	440	487	-409	-456	47	147		1
GLF-5	4387	573863.967	938477.979	31	H3	487	740	-456	-709	253	147		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
GLF-6	23322	628323	910488	16.21	WT	0	30	16.21	-13.79	30	14		1
GLF-6	23322	628323	910488	16.21	LT	30	160	-13.79	-143.79	130	14		1
GLF-6	23322	628323	910488	16.21	H3	160	840	-143.79	-823.79	680	14		1
GLF-6	23322	628323	910488	16.21	SA	160	160	-143.79	-143.79	0	14	Unit absent - data used to constrain the interpolation of the surface	-1
GM-7_SA	28747	429355	792472	23.12	WT	0	10	23.12	13.12	10	148		1
GM-7_SA	28747	429355	792472	23.12	TC	10	20	13.12	3.12	10	148		1
GM-7_SA	28747	429355	792472	23.12	LT	20	50	3.12	-26.88	30	148		1
GM-7_SA	28747	429355	792472	23.12	H1	50	90	-26.88	-66.88	40	148		1
GM-7_SA	28747	429355	792472	23.12	SA	90	170	-66.88	-146.88	80	148		1
GM-7_SA	28747	429355	792472	23.12	H2	170		-146.88			148		1
GM-TH-1	28687	427600	815500	13.05	WT	0	9	13.05	4.05	9	81		1
GM-TH-1	28687	427600	815500	13.05	TC	9	9	4.05	4.05	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
GM-TH-1	28687	427600	815500	13.05	LT	9	39	4.05	-25.95	30	81		1
GM-TH-1	28687	427600	815500	13.05	H1	39	89	-25.95	-75.95	50	81		1
GM-TH-1	28687	427600	815500	13.05	SA	89	194	-75.95	-180.95	105	81		1
GM-TH-1	28687	427600	815500	13.05	H2	194		-180.95			81		1
GM-TH-10	28618	423800	797800	28.19	WT	0	17	28.19	11.19	17	81		1
GM-TH-10	28618	423800	797800	28.19	LT	17	40	11.19	-11.81	23	81		1
GM-TH-10	28618	423800	797800	28.19	TC	17	17	11.19	11.19	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
GM-TH-10	28618	423800	797800	28.19	H1	40	70	-11.81	-41.81	30	81		1
GM-TH-10	28618	423800	797800	28.19	SA	70	220	-41.81	-191.81	150	81		1
GM-TH-10	28618	423800	797800	28.19	H2	220		-191.81			81		1
GM-TH-12	28619	430500	793500	29.5	WT	0	49	29.5	-19.5	49	81		1
GM-TH-12	28619	430500	793500	29.5	H1	49	94	-19.5	-64.5	45	81		1
GM-TH-12	28619	430500	793500	29.5	LT	49	49	-19.5	-19.5	0	81		1
GM-TH-12	28619	430500	793500	29.5	TC	49	49	-19.5	-19.5	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
GM-TH-12	28619	430500	793500	29.5	SA	94	156	-64.5	-126.5	62	81		1
GM-TH-3	28620	450100	800300	20.65	WT	0	29	20.65	-8.35	29	81		1
GM-TH-3	28620	450100	800300	20.65	TC	29	31	-8.35	-10.35	2	81		1
GM-TH-3	28620	450100	800300	20.65	LT	31	110	-10.35	-89.35	79	81		1
GM-TH-3	28620	450100	800300	20.65	H1	110	111	-89.35	-90.35	1	81		1
GM-TH-3	28620	450100	800300	20.65	SA	111	208	-90.35	-187.35	97	81		1
GM-TH-3	28620	450100	800300	20.65	H2	208		-187.35			81		1
GM-TH-4	28621	450200	792800	16.72	WT	0	20	16.72	-3.28	20	81		1
GM-TH-4	28621	450200	792800	16.72	H1	20	40	-3.28	-23.28	20	81		1
GM-TH-4	28621	450200	792800	16.72	TC	20	20	-3.28	-3.28	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
GM-TH-4-71	28622	395000	780000	22.08	WT	0	44	22.08	-21.92	44	81		1
GM-TH-4-71	28622	395000	780000	22.08	TC	44	44	-21.92	-21.92	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
GM-TH-4-71	28622	395000	780000	22.08	LT	44	44	-21.92	-21.92	0	81		1
GM-TH-4-71	28622	395000	780000	22.08	H1	44	96	-21.92	-73.92	52	81		1
GM-TH-4-71	28622	395000	780000	22.08	SA	96		-73.92			81		1
GM-TH-6-71	28624	405500	785500	18.72	WT	0	13	18.72	5.72	13	81		1
GM-TH-6-71	28624	405500	785500	18.72	TC	13	13	5.72	5.72	0	81	Unit absent - data used to constrain the interpolation of the surface	-1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
GM-TH-6-71	28624	405500	785500	18.72	LT	13	55	5.72	-36.28	42	81		1
GM-TH-6-71	28624	405500	785500	18.72	H1	55	90	-36.28	-71.28	35	81		1
GM-TH-6-71	28624	405500	785500	18.72	SA	90		-71.28			81		1
GM-TH-7-71	28625	413500	786250	19.15	WT	0	47	19.15	-27.85	47	81		1
GM-TH-7-71	28625	413500	786250	19.15	TC	47	47	-27.85	-27.85	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
GM-TH-7-71	28625	413500	786250	19.15	H1	47	89	-27.85	-69.85	42	81		1
GM-TH-7-71	28625	413500	786250	19.15	LT	47	47	-27.85	-27.85	0	81		1
GM-TH-7-71	28625	413500	786250	19.15	SA	89		-69.85			81		1
GM-TH-8	28626	429700	783400	21.68	WT	0	17	21.68	4.68	17	81		1
GM-TH-8	28626	429700	783400	21.68	TC	17	43	4.68	-21.32	26	81		1
GM-TH-8	28626	429700	783400	21.68	LT	43	75	-21.32	-53.32	32	81		1
GM-TH-8	28626	429700	783400	21.68	H1	75	95	-53.32	-73.32	20	81		1
GM-TH-8	28626	429700	783400	21.68	SA	95		-73.32			81		1
GM-TH-8-71	28627	437500	800000	16.99	WT	0	11	16.99	5.99	11	81		1
GM-TH-8-71	28627	437500	800000	16.99	TC	11	11	5.99	5.99	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
GM-TH-8-71	28627	437500	800000	16.99	LT	11	39	5.99	-22.01	28	81		1
GM-TH-8-71	28627	437500	800000	16.99	H1	39	86	-22.01	-69.01	47	81		1
GM-TH-8-71	28627	437500	800000	16.99	SA	86		-69.01			81		1
GOPHR1_SA	28740	519806	762793	32.08	WT	0	63	32.08	-30.92	63	148		1
GOPHR1_SA	28740	519806	762793	32.08	LT	63	63	-30.92	-30.92	0	148		1
GOPHR1_SA	28740	519806	762793	32.08	H1	63	100	-30.92	-67.92	37	148		1
GOPHR1_SA	28740	519806	762793	32.08	S2	100	158	-67.92	-125.92	58	148		1
GOPHR1_SA	28740	519806	762793	32.08	SA	100		-67.92			148		1
GOPHR22_SA	28742	523206	767243	33.15	H1	63	120	-29.85	-86.85	57	148		1
GOPHR22_SA	28742	523206	767243	33.15	SA	120	252	-86.85	-218.85	132	148		1
GOPHR22_SA	28742	523206	767243	33.15	S2	120	138	-86.85	-104.85	18	148		1
GOPHR22_SA	28742	523206	767243	33.15	S1	163	252	-129.85	-218.85	89	148		1
GOPHR34_SA	28739	531106	775043	31.66	H1	4	122	27.66	-90.34	118	148		1
GOPHR34_SA	28739	531106	775043	31.66	S2	122	166	-90.34	-134.34	44	148		1
GOPHR34_SA	28739	531106	775043	31.66	SA	122		-90.34			148		1
GOPHR34_SA	28739	531106	775043	31.66	S1	194		-162.34			148		1
GOPHR7_SA	28741	515806	769043	33.12	WT	0	56	33.12	-22.88	56	148		1
GOPHR7_SA	28741	515806	769043	33.12	LT	56	56	-22.88	-22.88	0	148		1
GOPHR7_SA	28741	515806	769043	33.12	H1	56	82	-22.88	-48.88	26	148		1
GOPHR7_SA	28741	515806	769043	33.12	S2	82	180	-48.88	-146.88	98	148		1
GOPHR7_SA	28741	515806	769043	33.12	SA	82		-48.88			148		1
GROVE_HM	28733	580701	870401	20.65	SA	255	315	-234.35	-294.35	60	148		1
GROVE_HM	28733	580701	870401	20.65	H2	315	370	-294.35	-349.35	55	148		1
GROVE_HM	28733	580701	870401	20.65	HM	370		-349.35			148		1
GS-1-6_SA	28746	502148	787490	38.84	S2	40	221	-1.16	-182.16	181	148		1
GS-1-6_SA	28746	502148	787490	38.84	SA	40	260	-1.16	-221.16	220	148		1
GS-1-6_SA	28746	502148	787490	38.84	S1	227	260	-188.16	-221.16	33	148		1
GS-22-1_SA	28745	490592	807488	32.99	H1	36	118	-3.01	-85.01	82	148		1
GS-22-1_SA	28745	490592	807488	32.99	SA	118	259	-85.01	-226.01	141	148		1
GS-22-1_SA	28745	490592	807488	32.99	S2	118	175	-85.01	-142.01	57	148		1
GS-22-1_SA	28745	490592	807488	32.99	S1	211	259	-178.01	-226.01	48	148		1
GS-35-4_SA	28744	493810	795449	31.11	H1	63	112	-31.89	-80.89	49	148		1
GS-35-4_SA	28744	493810	795449	31.11	S2	112	199	-80.89	-167.89	87	148		1
GS-35-4_SA	28744	493810	795449	31.11	SA	112		-80.89			148		1
GS-35-4_SA	28744	493810	795449	31.11	S1	210		-178.89			148		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
GS-M30_SA	28743	506927	803234	33.38	WT	0	15	33.38	18.38	15	148		1
GS-M30_SA	28743	506927	803234	33.38	TC	15	25	18.38	8.38	10	148		1
GS-M30_SA	28743	506927	803234	33.38	LT	25	35	8.38	-1.62	10	148		1
GS-M30_SA	28743	506927	803234	33.38	S2	35	165	-1.62	-131.62	130	148		1
GS-M30_SA	28743	506927	803234	33.38	SA	35	213	-1.62	-179.62	178	148		1
GS-M30_SA	28743	506927	803234	33.38	S1	171	213	-137.62	-179.62	42	148		1
GS-M30_SA	28743	506927	803234	33.38	H2	213		-179.62			148		1
GSW19_ASR	28018	345623.514	872428.621	13.82	WT	0	20	13.82	-6.18	20	120		1
GSW19_ASR	28018	345623.514	872428.621	13.82	H2	20	110	-6.18	-96.18	90	120		1
GSW19_ASR	28018	345623.514	872428.621	13.82	HM	110	200	-96.18	-186.18	90	120		1
GSW19_ASR	28018	345623.514	872428.621	13.82	H3	200	510	-186.18	-496.18	310	120		1
GUMSWAM_WT	28892	572345	741717	22.26	WT	0	31	22.26	-8.74	31	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
HC_ASR	28016	315682.614	849274.579	3.82	HM	140	250	-136.18	-246.18	110	121		1
HC_ASR	28016	315682.614	849274.579	3.82	H3	250	410	-246.18	-406.18	160	121		1
HCLRAN_LT	28862	563360	773880	26.93	LT	20	30	6.93	-3.07	10	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
HCLRAN_SA	28863	557941	767965	25.63	SA	85		-59.37			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
HCRSW-IW1	28271	484270.24	811624.59	33	WT	0	25	33	8	25	126		1
HCRSW-IW1	28271	484270.24	811624.59	33	H1	25	60	8	-27	35	126		1
HCRSW-IW1	28271	484270.24	811624.59	33	S2	60	185	-27	-152	125	126		1
HCRSW-IW1	28271	484270.24	811624.59	33	SA	60	225	-27	-192	165	126		1
HCRSW-IW1	28271	484270.24	811624.59	33	S1	185	225	-152	-192	40	126		1
HCRSW-IW1	28271	484270.24	811624.59	33	H3	225	630	-192	-597	405	126		1
HE-1075	21599	680486.38	800383.712	16.65	WT	0	3	16.65	13.65	3	151		1
HE-1075	21599	680486.38	800383.712	16.65	TC	3	22	13.65	-5.35	19	151		1
HE-1075	21599	680486.38	800383.712	16.65	LT	22	156	-5.35	-139.35	134	151		1
HE-1075	21599	680486.38	800383.712	16.65	SA	156	156	-139.35	-139.35	0	151	Unit absent - data used to constrain the interpolation of the surface	-1
HE-1075	21599	680486.38	800383.712	16.65	H2	156	462	-139.35	-445.35	306	151		1
HE-1075	21599	680486.38	800383.712	16.65	HM	462	482	-445.35	-465.35	20	151		1
HE-1110	26320	679152.301	746063.332	15	WT	0	5	15	10	5	68		1
HE-1110	26320	679152.301	746063.332	15	TC	5	35	10	-20	30	68		1
HE-1110	26320	679152.301	746063.332	15	LT	35	148	-20	-133	113	138		1
HE-1116	26321	673314.414	789878.276	18	WT	0	11	18	7	11	68		1
HE-1116	26321	673314.414	789878.276	18	TC	11	31	7	-13	20	136		1
HE-1116	26321	673314.414	789878.276	18	LT	31	152	-13	-134	121	138		1
HE-1116	26321	673314.414	789878.276	18	H2	152		-134			136		1
HE-46	23403	613982.665	868850.67	22	H1	30	50	-8	-28	20	79		1
HE-529	4682	519140.37	806942.6	30.89	WT	0	5	30.89	25.89	5	151		1
HE-529	4682	519140.37	806942.6	30.89	TC	5	30	25.89	0.89	25	151		1
HE-529	4682	519140.37	806942.6	30.89	LT	30	40	0.89	-9.11	10	151		1
HE-529	4682	519140.37	806942.6	30.89	H1	40	100	-9.11	-69.11	60	151		1
HE-529	4682	519140.37	806942.6	30.89	S2	100	120	-69.11	-89.11	20	151		1
HE-529	4682	519140.37	806942.6	30.89	SA	100	165	-69.11	-134.11	65	151		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
HE-529	4682	519140.37	806942.6	30.89	S1	135	165	-104.11	-134.11	30	151		1
HE-529	4682	519140.37	806942.6	30.89	H2	165	320	-134.11	-289.11	155	151		1
HE-555	1438	514057.031	840801.221	30.33	WT	0	10	30.33	20.33	10	151		1
HE-555	1438	514057.031	840801.221	30.33	TC	10	15	20.33	15.33	5	151		1
HE-555	1438	514057.031	840801.221	30.33	LT	15	45	15.33	-14.67	30	151		1
HE-555	1438	514057.031	840801.221	30.33	H1	45	120	-14.67	-89.67	75	151		1
HE-555	1438	514057.031	840801.221	30.33	SA	120	163	-89.67	-132.67	43	151		1
HE-555	1438	514057.031	840801.221	30.33	S2	120	125	-89.67	-94.67	5	151		1
HE-555	1438	514057.031	840801.221	30.33	S1	135	163	-104.67	-132.67	28	151		1
HE-555	1438	514057.031	840801.221	30.33	H2	163		-132.67			151		1
HE-557	22286	487021.649	864125.171	17	WT	0	3	17	14	3	111		1
HE-557	22286	487021.649	864125.171	17	H1	3	75	14	-58	72	147		1
HE-557	22286	487021.649	864125.171	17	S2	75	85	-58	-68	10	19		1
HE-557	22286	487021.649	864125.171	17	SA	75	165	-58	-148	90	147		1
HE-557	22286	487021.649	864125.171	17	S1	125	165	-108	-148	40	151		1
HE-557	22286	487021.649	864125.171	17	H2	165	280	-148	-263	115	151		1
HE-557	22286	487021.649	864125.171	17	HM	280	330	-263	-313	50	151		1
HE-557	22286	487021.649	864125.171	17	H3	330		-313			151		1
HE-620	1445	502920.497	871939.121	17.1	WT	0	45	17.1	-27.9	45	151		1
HE-620	1445	502920.497	871939.121	17.1	H1	45	120	-27.9	-102.9	75	151		1
HE-620	1445	502920.497	871939.121	17.1	SA	120	230	-102.9	-212.9	110	151		1
HE-620	1445	502920.497	871939.121	17.1	S2	120	150	-102.9	-132.9	30	151		1
HE-620	1445	502920.497	871939.121	17.1	S1	170	230	-152.9	-212.9	60	151		1
HE-868_G	1459	650780.053	741313.769	20.72	WT	0	30	20.72	-9.28	30	151		1
HE-909	11438	672721.376	826946.576	17.5	TC	15	45	2.5	-27.5	30	151		1
HE-909	11438	672721.376	826946.576	17.5	LT	45	180	-27.5	-162.5	135	151		1
HERTZ_HM	28734	407178	803338	24.65	H1	21	100	3.65	-75.35	79	148		1
HERTZ_HM	28734	407178	803338	24.65	SA	100	140	-75.35	-115.35	40	148		1
HERTZ_HM	28734	407178	803338	24.65	H2	140	178	-115.35	-153.35	38	148		1
HERTZ_HM	28734	407178	803338	24.65	HM	178		-153.35			148		1
HES-10	26973	622478.96	776541.98	27.09	WT	0	13	27.09	14.09	13	146		1
HES-10	26973	622478.96	776541.98	27.09	TC	13	71	14.09	-43.91	58	146		1
HES-10	26973	622478.96	776541.98	27.09	LT	71		-43.91			146		1
HES-13	26975	621585	772740	27.32	WT	0	36	27.32	-8.68	36	146		1
HES-13	26975	621585	772740	27.32	TC	36	66	-8.68	-38.68	30	146		1
HES-13	26975	621585	772740	27.32	LT	66		-38.68			146		1
HES-15	26977	617288.17	788231.5	25.43	WT	0	13	25.43	12.43	13	146		1
HES-15	26977	617288.17	788231.5	25.43	TC	13	50	12.43	-24.57	37	146		1
HES-15	26977	617288.17	788231.5	25.43	LT	50		-24.57			146		1
HES-18	27013	616570	791855	30.21	WT	0	10	30.21	20.21	10	146		1
HES-18	27013	616570	791855	30.21	TC	10	33	20.21	-2.79	23	146		1
HES-18	27013	616570	791855	30.21	LT	33		-2.79			146		1
HES-2	26966	616130.79	780181.21	28.17	WT	0	22	28.17	6.17	22	146		1
HES-2	26966	616130.79	780181.21	28.17	TC	22	55	6.17	-26.83	33	146		1
HES-2	26966	616130.79	780181.21	28.17	LT	55		-26.83			146		1
HES-20	26979	617450	788485	30.1	WT	0	13	30.1	17.1	13	146		1
HES-20	26979	617450	788485	30.1	TC	13	50	17.1	-19.9	37	146		1
HES-20	26979	617450	788485	30.1	LT	50		-19.9			146		1
HES-21	26980	622165	776500	28.1	WT	0	13	28.1	15.1	13	146		1
HES-21	26980	622165	776500	28.1	TC	13	71	15.1	-42.9	58	146		1
HES-21	26980	622165	776500	28.1	LT	71		-42.9			146		1
HES-24D	28431	560759	799346.3	30.9	WT	0	10	30.9	20.9	10	147		1
HES-24D	28431	560759	799346.3	30.9	TC	10	68	20.9	-37.1	58	147		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
HES-24D	28431	560759	799346.3	30.9	LT	68		-37.1			147		1
HES-25D	28433	662571.8	784396.1	23.2	WT	0	63	23.2	-39.8	63	147		1
HES-25D	28433	662571.8	784396.1	23.2	LT	63		-39.8			147		1
HES-26D	28435	662937.8	768332.4	23	WT	0	20	23	3	20	147		1
HES-26D	28435	662937.8	768332.4	23	TC	20	65	3	-42	45	147		1
HES-26D	28435	662937.8	768332.4	23	LT	65		-42			147		1
HES-27D	28437	636232.033	720884.335	20.1	WT	0	20	20.1	0.1	20	147		1
HES-27D	28437	636232.033	720884.335	20.1	TC	20	57	0.1	-36.9	37	147		1
HES-27D	28437	636232.033	720884.335	20.1	LT	57		-36.9			147		1
HES-28D	28439	649157.024	747312.869	21.3	WT	0	55	21.3	-33.7	55	147		1
HES-28D	28439	649157.024	747312.869	21.3	LT	55		-33.7			147		1
HES-29D	28441	685454.667	685754.311	14.6	WT	0	20	14.6	-5.4	20	147		1
HES-29D	28441	685454.667	685754.311	14.6	TC	20	70	-5.4	-55.4	50	147		1
HES-29D	28441	685454.667	685754.311	14.6	LT	70		-55.4			147		1
HES-5	26969	623738.94	787118.36	28.72	WT	0	18	28.72	10.72	18	146		1
HES-5	26969	623738.94	787118.36	28.72	TC	18	40	10.72	-11.28	22	146		1
HES-5	26969	623738.94	787118.36	28.72	LT	40		-11.28			146		1
HES-8	26971	625472.53	782650.13	28.53	WT	0	17	28.53	11.53	17	146		1
HES-8	26971	625472.53	782650.13	28.53	TC	17	66	11.53	-37.47	49	146		1
HES-8	26971	625472.53	782650.13	28.53	LT	66		-37.47			146		1
HG_SA	28864	498294	784465	31.79	SA	40		-8.21			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
HG11-10_SA	28748	496112	783473	31.25	H1	22	95	9.25	-63.75	73	148		1
HG11-10_SA	28748	496112	783473	31.25	SA	95	255	-63.75	-223.75	160	148		1
HG11-10_SA	28748	496112	783473	31.25	S2	95	188	-63.75	-156.75	93	148		1
HG11-10_SA	28748	496112	783473	31.25	S1	217	255	-185.75	-223.75	38	148		1
HIF-38_G	4653	501354.047	986245.232	70	WT	0	20	70	50	20	147		1
HIF-38_G	4653	501354.047	986245.232	70	H1	20	80	50	-10	60	147		1
HIF-38_G	4653	501354.047	986245.232	70	LT	20	20	50	50	0	147	Unit absent - data used to constrain the interpolation of the surface	-1
HIF-38_G	4653	501354.047	986245.232	70	SA	80	180	-10	-110	100	147		1
HIF-38_G	4653	501354.047	986245.232	70	S2	80	180	-10	-110	100	147		1
HIF-38_G	4653	501354.047	986245.232	70	H2	180	301	-110	-231	121	147		1
HIF-38_G	4653	501354.047	986245.232	70	S1	180	180	-110	-110	0	147	Unit absent - data used to constrain the interpolation of the surface	-1
HIF-38_G	4653	501354.047	986245.232	70	HM	301	435	-231	-365	134	147		1
HIF-42	27733	670431.762	1049061.213	25.75	WT	0	150	25.75	-124.25	150	20		1
HIF-42	27733	670431.762	1049061.213	25.75	H1	150	254	-124.25	-228.25	104	20		1
HIF-42	27733	670431.762	1049061.213	25.75	LT	150	150	-124.25	-124.25	0	20	Unit absent - data used to constrain the interpolation of the surface	-1
HIF-42	27733	670431.762	1049061.213	25.75	SA	254	260	-228.25	-234.25	6	145		1
HIF-42	27733	670431.762	1049061.213	25.75	H2	260	395	-234.25	-369.25	135	145		1
HIF-42	27733	670431.762	1049061.213	25.75	HM	395	416	-369.25	-390.25	21	145		1
HIF-42	27733	670431.762	1049061.213	25.75	H3	416	560	-390.25	-534.25	144	145		1
H-M-120	21563	474686	819812.086	26.33	WT	0	20	26.33	6.33	20	151		1
H-M-120	21563	474686	819812.086	26.33	H1	20	125	6.33	-98.67	105	151		1
H-M-120	21563	474686	819812.086	26.33	S2	125	159	-98.67	-132.67	34	151		1
H-M-120	21563	474686	819812.086	26.33	SA	125	189	-98.67	-162.67	64	151		1
H-M-120	21563	474686	819812.086	26.33	S1	159	189	-132.67	-162.67	30	151		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
H-M-83	4923	472128	797850.956	28.62	WT	0	40	28.62	-11.38	40	151		1
H-M-83	4923	472128	797850.956	28.62	TC	40	60	-11.38	-31.38	20	151		1
H-M-83	4923	472128	797850.956	28.62	LT	60	85	-31.38	-56.38	25	151		1
H-M-83	4923	472128	797850.956	28.62	S2	85	100	-56.38	-71.38	15	151		1
H-M-83	4923	472128	797850.956	28.62	H1	85	85	-56.38	-56.38	0	151		1
H-M-83	4923	472128	797850.956	28.62	SA	85	150	-56.38	-121.38	65	151		1
H-M-83	4923	472128	797850.956	28.62	S1	150	180	-121.38	-151.38	30	151		1
H-M-83	4923	472128	797850.956	28.62	H2	180		-151.38			151		1
HOGAN_WT	28880	476420	751940	18.66	WT	0	48	18.66	-29.34	48	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
HORSE_ASR	28017	319718.993	854755.631	4.78	HM	140	250	-135.22	-245.22	110	119		1
HORSE_ASR	28017	319718.993	854755.631	4.78	H3	250	410	-245.22	-405.22	160	119		1
HY00006	21024	621834.944	713460.591	20	WT	0	12	20	8	12	151		1
HY00006	21024	621834.944	713460.591	20	TC	12	78	8	-58	66	151		1
HY00006	21024	621834.944	713460.591	20	LT	78	124	-58	-104	46	151		1
HY00006	21024	621834.944	713460.591	20	S1	124	124	-104	-104	0	151	Unit absent - data used to constrain the interpolation of the surface	-1
HY00006	21024	621834.944	713460.591	20	H2	124	362	-104	-342	238	151		1
HY00006	21024	621834.944	713460.591	20	HM	362	450	-342	-430	88	151		1
HY00006	21024	621834.944	713460.591	20	H3	450		-430			151		1
HY00007	21026	601212.263	809903.34	30	TC	11	77	19	-47	66	61		1
HY00007	21026	601212.263	809903.34	30	LT	77	100	-47	-70	23	61		1
HY00007	21026	601212.263	809903.34	30	H1	100	150	-70	-120	50	61		-1
HY00007	21026	601212.263	809903.34	30	SA	150	150	-120	-120	0	61	Unit absent - data used to constrain the interpolation of the surface	-1
HY00007	21026	601212.263	809903.34	30	H2	150		-120			61		-1
HY00012	21032	649141.686	731217.881	20	WT	0	5	20	15	5	151		1
HY00012	21032	649141.686	731217.881	20	TC	5	40	15	-20	35	151		1
HY00012	21032	649141.686	731217.881	20	LT	40	140	-20	-120	100	151		1
HY00012	21032	649141.686	731217.881	20	SA	140	140	-120	-120	0	151	Unit absent - data used to constrain the interpolation of the surface	-1
HY00012	21032	649141.686	731217.881	20	S2	140	140	-120	-120	0	151	Unit absent - data used to constrain the interpolation of the surface	-1
HY00012	21032	649141.686	731217.881	20	H2	140	450	-120	-430	310	151		1
HY00012	21032	649141.686	731217.881	20	S1	140	140	-120	-120	0	151	Unit absent - data used to constrain the interpolation of the surface	-1
HY00012	21032	649141.686	731217.881	20	HM	450		-430			151		1
HY120S	21556	482216	843652.227	23.67	WT	0	20	23.67	3.67	20	151		1
HY310	21560	649140	731215.563	18.63	WT	0	5	18.63	13.63	5	151		1
HY310	21560	649140	731215.563	18.63	TC	5	40	13.63	-21.37	35	151		1
HY310	21560	649140	731215.563	18.63	LT	40	140	-21.37	-121.37	100	151		1
HY310	21560	649140	731215.563	18.63	H2	140	450	-121.37	-431.37	310	151		1
HY310	21560	649140	731215.563	18.63	HM	450		-431.37			151		1
I75REST_WT	28865	628794	666820	11.44	WT	50	60	-38.56	-48.56	10	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
INTERSC_WT	28881	441175	678222	11.6	WT	0	45	11.6	-33.4	45	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
IWSD-TW	22292	514985.196	756311.019	31.76	SA	120	287	-88.24	-255.24	167	11		1
IWSD-TW	22292	514985.196	756311.019	31.76	S1	255	287	-223.24	-255.24	32	11		1
IWSD-TW	22292	514985.196	756311.019	31.76	H2	287	535	-255.24	-503.24	248	11		1
IWSD-TW	22292	514985.196	756311.019	31.76	H3	535	773	-503.24	-741.24	238	11		1
IWSD-TW	22292	514985.196	756311.019	31.76	HM	535	620	-503.24	-588.24	85	11		1
JCE_SA	28749	365853	855122	11.39	SA	80	120	-68.61	-108.61	40	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
JE-1503	28803	431593.11	942512.059	52.5	WT	0	30	52.5	22.5	30	74		1
JE-1503	28803	431593.11	942512.059	52.5	H1	30	135	22.5	-82.5	105	147		-1
JE-1503	28803	431593.11	942512.059	52.5	H2	135	302	-82.5	-249.5	167	147		-1
JE-1503	28803	431593.11	942512.059	52.5	SA	135	135	-82.5	-82.5	0	147	Unit absent - data used to constrain the interpolation of the surface	-1
JE-1503	28803	431593.11	942512.059	52.5	HM	302	350	-249.5	-297.5	48	147		1
JE-1503	28803	431593.11	942512.059	52.5	H3	350	610	-297.5	-557.5	260	147		1
JE-1705	28442	412516	900961	26	WT	0	40	26	-14	40	75	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
JE-1705	28442	412516	900961	26	H1	40	125	-14	-99	85	75		1
JE-1705	28442	412516	900961	26	S2	125	135	-99	-109	10	75		1
JE-1705	28442	412516	900961	26	SA	125	155	-99	-129	30	75		1
JE-1705	28442	412516	900961	26	S1	135	155	-109	-129	20	75		1
JE-1705	28442	412516	900961	26	H2	155		-129			75		1
JE-900	27774	425127	906242	28	WT	0	87	28	-59	87	76		1
JE-900	27774	425127	906242	28	H1	87	150	-59	-122	63	76		1
JE-900	27774	425127	906242	28	LT	87	87	-59	-59	0	76	Unit absent - data used to constrain the interpolation of the surface	-1
JE-901	27775	425115	906449	28	H1	95	150	-67	-122	55	76		1
JE-901	27775	425115	906449	28	SA	150	220	-122	-192	70	76		1
JE-901	27775	425115	906449	28	H3	220	520	-192	-492	300	76		1
JE-902	27851	420500	919404	30.08	WT	0	130	30.08	-99.92	130	76		1
JE-902	27851	420500	919404	30.08	LT	130	130	-99.92	-99.92	0	76	Unit absent - data used to constrain the interpolation of the surface	-1
JE-902	27851	420500	919404	30.08	H1	130	190	-99.92	-159.92	60	76		1
JE-902	27851	420500	919404	30.08	H2	220	490	-189.92	-459.92	270	76		1
JPEREZ_SA	28866	616271.48	843409.83	23.76	SA	150	200	-126.24	-176.24	50	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
L-1044	15291	358854.341	874032.191	20	WT	0	30	20	-10	30	18		1
L-1044	15291	358854.341	874032.191	20	H1	30	72	-10	-52	42	18		1
L-1044	15291	358854.341	874032.191	20	SA	72	104	-52	-84	32	18		1
L-1044	15291	358854.341	874032.191	20	H2	104	142	-84	-122	38	18		1
L-1044	15291	358854.341	874032.191	20	HM	142	309	-122	-289	167	18		1
L-1113_G	5852	316919.94	857591.502	7.6	LT	36	45	-28.4	-37.4	9	169		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
L-1318	23738	401515.942	851837.247	15	WT	0	23	15	-8	23	18		1
L-1318	23738	401515.942	851837.247	15	H1	23	78	-8	-63	55	18		1
L-1318	23738	401515.942	851837.247	15	SA	78	159	-63	-144	81	18		1
L-1318	23738	401515.942	851837.247	15	H2	159	180	-144	-165	21	18		1
L-1318	23738	401515.942	851837.247	15	HM	180		-165			18		1
L-1358	15280	410026.494	848958.83	17	WT	0	22	17	-5	22	18		1
L-1358	15280	410026.494	848958.83	17	H1	22	93	-5	-76	71	18		1
L-1358	15280	410026.494	848958.83	17	SA	93	200	-76	-183	107	18		1
L-1358	15280	410026.494	848958.83	17	S2	93	138	-76	-121	45	18		1
L-1358	15280	410026.494	848958.83	17	S1	188	200	-171	-183	12	18		1
L-1358	15280	410026.494	848958.83	17	H2	200	237	-183	-220	37	147		1
L-1358	15280	410026.494	848958.83	17	HM	237		-220			147		1
L-1448	28488	398012.091	764488.734	7.14	WT	0	5	7.14	2.14	5	111		1
L-1448	28488	398012.091	764488.734	7.14	TC	5	11	2.14	-3.86	6	111		1
L-1448	28488	398012.091	764488.734	7.14	LT	11	30	-3.86	-22.86	19	111		1
L-1448	28488	398012.091	764488.734	7.14	H1	30	86	-22.86	-78.86	56	111		1
L-1448	28488	398012.091	764488.734	7.14	SA	86	128	-78.86	-120.86	42	111		1
L-1448	28488	398012.091	764488.734	7.14	H2	128	194	-120.86	-186.86	66	111		1
L-1448	28488	398012.091	764488.734	7.14	HM	194		-186.86			111		1
L-1510_G	5662	403349.531	764788.445	15	WT	0	5	15	10	5	111		1
L-1510_G	5662	403349.531	764788.445	15	TC	5	14	10	1	9	111		1
L-1510_G	5662	403349.531	764788.445	15	LT	14	34	1	-19	20	111		1
L-1510_G	5662	403349.531	764788.445	15	H1	34	81	-19	-66	47	111		1
L-1510_G	5662	403349.531	764788.445	15	SA	81	174	-66	-159	93	111		1
L-1510_G	5662	403349.531	764788.445	15	H2	174		-159			111		1
L-1625_G	5716	439851.557	809213.654	30.02	H1	49	61	-18.98	-30.98	12	18		1
L-1625_G	5716	439851.557	809213.654	30.02	SA	61	160	-30.98	-129.98	99	18		1
L-1625_G	5716	439851.557	809213.654	30.02	S1	139	160	-108.98	-129.98	21	111		1
L-1634_G	5647	362743.087	756065.198	3.28	WT	0	12	3.28	-8.72	12	111		1
L-1634_G	5647	362743.087	756065.198	3.28	LT	12	27	-8.72	-23.72	15	111		1
L-1634_G	5647	362743.087	756065.198	3.28	H1	27	114	-23.72	-110.72	87	111		1
L-1634_G	5647	362743.087	756065.198	3.28	S2	114	136	-110.72	-132.72	22	111		1
L-1634_G	5647	362743.087	756065.198	3.28	SA	114	136	-110.72	-132.72	22	111		1
L-1634_G	5647	362743.087	756065.198	3.28	S1	136	136	-132.72	-132.72	0	111	Unit absent - data used to constrain the interpolation of the surface	-1
L-1634_G	5647	362743.087	756065.198	3.28	H2	136	176	-132.72	-172.72	40	111		1
L-1634_G	5647	362743.087	756065.198	3.28	H2	144	184	-140.72	-180.72	40	18		1
L-1853_G	5673	416838.512	770667.073	22	WT	0	21	22	1	21	111		1
L-1853_G	5673	416838.512	770667.073	22	LT	21	44	1	-22	23	111		1
L-1853_G	5673	416838.512	770667.073	22	H1	44	124	-22	-102	80	111		1
L-1853_G	5673	416838.512	770667.073	22	SA	124	171	-102	-149	47	111		1
L-1853_G	5673	416838.512	770667.073	22	H2	171		-149			111		1
L-1961	28588	418993	792831	19.36	WT	0	27	19.36	-7.64	27	81		1
L-1961	28588	418993	792831	19.36	TC	27	27	-7.64	-7.64	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
L-1961	28588	418993	792831	19.36	LT	27	41	-7.64	-21.64	14	81		1
L-1961	28588	418993	792831	19.36	H1	41	67	-21.64	-47.64	26	81		1
L-1961	28588	418993	792831	19.36	SA	67	162	-47.64	-142.64	95	81		1
L-1963	22007	458564.707	810635.557	31	WT	3	14	28	17	11	111		1
L-1963	22007	458564.707	810635.557	31	H1	14	60	17	-29	46	111		1
L-1963	22007	458564.707	810635.557	31	SA	60	158	-29	-127	98	111		1
L-1963	22007	458564.707	810635.557	31	S1	135	158	-104	-127	23	111		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
L-1963	22007	458564.707	810635.557	31	H2	158	268	-127	-237	110	111		1
L-1963	22007	458564.707	810635.557	31	HM	268		-237			111		1
L-1965_G	5722	471188.473	811385.369	29.67	WT	0	8	29.67	21.67	8	111		1
L-1965_G	5722	471188.473	811385.369	29.67	H1	8	49	21.67	-19.33	41	111		1
L-1965_G	5722	471188.473	811385.369	29.67	SA	49	186	-19.33	-156.33	137	18		1
L-1965_G	5722	471188.473	811385.369	29.67	S2	49	83	-19.33	-53.33	34	111		1
L-1965_G	5722	471188.473	811385.369	29.67	S1	153	186	-123.33	-156.33	33	111		1
L-1965_G	5722	471188.473	811385.369	29.67	H2	186	308	-156.33	-278.33	122	18		1
L-1965_G	5722	471188.473	811385.369	29.67	HM	308		-278.33			18		1
L-1966	28589	419733	792398	28.39	WT	0	10	28.39	18.39	10	81		1
L-1966	28589	419733	792398	28.39	LT	10	36	18.39	-7.61	26	81		1
L-1966	28589	419733	792398	28.39	TC	10	10	18.39	18.39	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
L-1966	28589	419733	792398	28.39	H1	36	72	-7.61	-43.61	36	81		1
L-1966	28589	419733	792398	28.39	SA	72	145	-43.61	-116.61	73	81		1
L-1968	22595	421847.73	837380.795	21	WT	0	8	21	13	8	111		1
L-1968	22595	421847.73	837380.795	21	H1	8	64	13	-43	56	111		1
L-1968	22595	421847.73	837380.795	21	SA	64	115	-43	-94	51	111		1
L-1968	22595	421847.73	837380.795	21	H2	115	222	-94	-201	107	111		1
L-1973_G	5747	390327.125	832622.024	19.84	S1	127	140	-107.16	-120.16	13	111		1
L-1975_G	5870	423498.409	872913.988	13.12	WT	0	20	13.12	-6.88	20	18		1
L-1975_G	5870	423498.409	872913.988	13.12	H1	20	100	-6.88	-86.88	80	18		1
L-1975_G	5870	423498.409	872913.988	13.12	S2	96	113	-82.88	-99.88	17	111		1
L-1975_G	5870	423498.409	872913.988	13.12	SA	96	141	-82.88	-127.88	45	111		1
L-1975_G	5870	423498.409	872913.988	13.12	S1	113	141	-99.88	-127.88	28	111		1
L-1975_G	5870	423498.409	872913.988	13.12	H2	141		-127.88			18		1
L-1977_G	22296	455213.083	868810.521	17.39	WT	0	27	17.39	-9.61	27	18		1
L-1977_G	22296	455213.083	868810.521	17.39	H1	27	65	-9.61	-47.61	38	18		1
L-1977_G	22296	455213.083	868810.521	17.39	S2	65	92	-47.61	-74.61	27	111		1
L-1977_G	22296	455213.083	868810.521	17.39	SA	65	186	-47.61	-168.61	121	18		1
L-1977_G	22296	455213.083	868810.521	17.39	S1	118	186	-100.61	-168.61	68	111		1
L-1977_G	22296	455213.083	868810.521	17.39	H2	186	275	-168.61	-257.61	89	18		1
L-1977_G	22296	455213.083	868810.521	17.39	HM	275		-257.61			18		1
L-1983_G	5687	419051.698	792363.305	26.6	SA	85	153	-58.4	-126.4	68	18		1
L-1983_G	5687	419051.698	792363.305	26.6	H2	153	321	-126.4	-294.4	168	18		1
L-1983_G	5687	419051.698	792363.305	26.6	HM	321		-294.4			18		1
L-1984_G	5678	428476.325	771309.173	19	WT	0	71	19	-52	71	111		1
L-1984_G	5678	428476.325	771309.173	19	LT	71	150	-52	-131	79	111		1
L-1984_G	5678	428476.325	771309.173	19	H1	150	195	-131	-176	45	111		1
L-1984_G	5678	428476.325	771309.173	19	SA	195	283	-176	-264	88	111		1
L-1984_G	5678	428476.325	771309.173	19	H2	283		-264			111		1
L-1986	28489	393560.223	866201.039	7	WT	0	8	7	-1	8	111		1
L-1986	28489	393560.223	866201.039	7	H1	8	64	-1	-57	56	111		1
L-1986	28489	393560.223	866201.039	7	SA	64		-57			111		1
L-1986	28489	393560.223	866201.039	7	S2	64	86	-57	-79	22	111		1
L-1993_G	5703	407619.153	805529.666	24.64	WT	0	18	24.64	6.64	18	111		1
L-1993_G	5703	407619.153	805529.666	24.64	H1	18	73	6.64	-48.36	55	111		1
L-1993_G	5703	407619.153	805529.666	24.64	S2	73	117	-48.36	-92.36	44	111		1
L-1993_G	5703	407619.153	805529.666	24.64	SA	73	150	-48.36	-125.36	77	111		1
L-1993_G	5703	407619.153	805529.666	24.64	S1	132	150	-107.36	-125.36	18	111		1
L-1993_G	5703	407619.153	805529.666	24.64	H2	150	192	-125.36	-167.36	42	111		1
L-1993_G	5703	407619.153	805529.666	24.64	HM	192		-167.36			111		1
L-1996_G	5633	432785.192	726959.393	15.03	WT	0	37	15.03	-21.97	37	18		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
L-1996_G	5633	432785.192	726959.393	15.03	TC	37	56	-21.97	-40.97	19	18		1
L-1996_G	5633	432785.192	726959.393	15.03	LT	56	99	-40.97	-83.97	43	111		1
L-1996_G	5633	432785.192	726959.393	15.03	SA	99	291	-83.97	-275.97	192	111		1
L-1996_G	5633	432785.192	726959.393	15.03	S2	99	168	-83.97	-152.97	69	111		1
L-1996_G	5633	432785.192	726959.393	15.03	S1	267	291	-251.97	-275.97	24	111		1
L-1996_G	5633	432785.192	726959.393	15.03	H2	291	390	-275.97	-374.97	99	18		1
L-1996_G	5633	432785.192	726959.393	15.03	HM	390		-374.97			18		1
L-2003	23587	380787.176	817536.252	6	WT	0	21	6	-15	21	18		1
L-2003	23587	380787.176	817536.252	6	H1	21	95	-15	-89	74	18		1
L-2003	23587	380787.176	817536.252	6	SA	95	125	-89	-119	30	18		1
L-2003	23587	380787.176	817536.252	6	S2	95	105	-89	-99	10	18	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
L-2003	23587	380787.176	817536.252	6	S1	105	125	-99	-119	20	18	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
L-2003	23587	380787.176	817536.252	6	H2	125	175	-119	-169	50	18		1
L-2003	23587	380787.176	817536.252	6	HM	175	260	-169	-254	85	18		1
L-2061	15271	457147.267	799231.787	30	H1	58	95	-28	-65	37	18		1
L-2061	15271	457147.267	799231.787	30	SA	95	205	-65	-175	110	18		1
L-2061	15271	457147.267	799231.787	30	H2	205	325	-175	-295	120	18		1
L-2061	15271	457147.267	799231.787	30	HM	325	450	-295	-420	125	18		1
L-2061	15271	457147.267	799231.787	30	H3	450	750	-420	-720	300	18		1
L-2063	23742	456665.285	793377.859	31	WT	0	28	31	3	28	18		1
L-2063	23742	456665.285	793377.859	31	TC	28	45	3	-14	17	18		1
L-2063	23742	456665.285	793377.859	31	LT	45	125	-14	-94	80	18		1
L-2063	23742	456665.285	793377.859	31	H1	125	190	-94	-159	65	18		1
L-2063	23742	456665.285	793377.859	31	SA	190		-159			18		1
L-2063	23742	456665.285	793377.859	31	H3	475		-444			18		1
L-2115	23588	355104.765	806706.624	8	WT	3	21	5	-13	18	111		1
L-2115	23588	355104.765	806706.624	8	H1	21	102	-13	-94	81	111		1
L-2115	23588	355104.765	806706.624	8	SA	102	123	-94	-115	21	111		1
L-2115	23588	355104.765	806706.624	8	S2	102	123	-94	-115	21	111		1
L-2115	23588	355104.765	806706.624	8	S1	123	123	-115	-115	0	111	Unit absent - data used to constrain the interpolation of the surface	-1
L-2115	23588	355104.765	806706.624	8	H2	123	138	-115	-130	15	111		1
L-2115	23588	355104.765	806706.624	8	HM	138		-130			111		1
L-2183	28490	422409.849	770808.581	19	WT	0	24	19	-5	24	111		1
L-2183	28490	422409.849	770808.581	19	LT	24	70	-5	-51	46	111		1
L-2183	28490	422409.849	770808.581	19	H1	70	117	-51	-98	47	111		1
L-2183	28490	422409.849	770808.581	19	SA	117	157	-98	-138	40	111		1
L-2183	28490	422409.849	770808.581	19	H2	157	342	-138	-323	185	111		1
L-2183	28490	422409.849	770808.581	19	HM	342	398	-323	-379	56	111		1
L-2190	22298	372993.32	859595.7	14	H2	84	142	-70	-128	58	18		1
L-2190	22298	372993.32	859595.7	14	HM	142		-128			18		1
L-2192	22010	446737.851	769800.576	27	WT	0	45	27	-18	45	6		1
L-2192	22010	446737.851	769800.576	27	TC	45	62	-18	-35	17	6		1
L-2192	22010	446737.851	769800.576	27	LT	62	113	-35	-86	51	18		1
L-2192	22010	446737.851	769800.576	27	H1	113	153	-86	-126	40	18		1
L-2192	22010	446737.851	769800.576	27	SA	153	180	-126	-153	27	18		1

Table A-2. Continued

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
L-2192	22010	446737.851	769800.576	27	H2	180		-153			18		1
L-2194_G	5636	419439.436	727206.109	14.6	WT	0	30	14.6	-15.4	30	6		1
L-2194_G	5636	419439.436	727206.109	14.6	TC	30	50	-15.4	-35.4	20	6		1
L-2194_G	5636	419439.436	727206.109	14.6	LT	50	95	-35.4	-80.4	45	6		1
L-2194_G	5636	419439.436	727206.109	14.6	S2	95	158	-80.4	-143.4	63	17		1
L-2194_G	5636	419439.436	727206.109	14.6	SA	95	276	-80.4	-261.4	181	17		1
L-2194_G	5636	419439.436	727206.109	14.6	S1	207	276	-192.4	-261.4	69	17		1
L-2194_G	5636	419439.436	727206.109	14.6	H2	276	451	-261.4	-436.4	175	17		1
L-2194_G	5636	419439.436	727206.109	14.6	HM	451		-436.4			17		1
L-2292_G	5749	390327.125	832622.024	20.1	WT	0	30	20.1	-9.9	30	18		1
L-2292_G	5749	390327.125	832622.024	20.1	H1	30	83	-9.9	-62.9	53	18		1
L-2292_G	5749	390327.125	832622.024	20.1	SA	83	120	-62.9	-99.9	37	18		1
L-2292_G	5749	390327.125	832622.024	20.1	H2	120	195	-99.9	-174.9	75	18		1
L-2292_G	5749	390327.125	832622.024	20.1	HM	195	255	-174.9	-234.9	60	18		1
L-2292_G	5749	390327.125	832622.024	20.1	H3	255	466	-234.9	-445.9	211	78		1
L-2295	22596	389250.93	763361.128	16	HM	200	305	-184	-289	105	78		1
L-2295	22596	389250.93	763361.128	16	H3	305	550	-289	-534	245	78		1
L-2310_G	5639	401503.421	730065.506	9.16	WT	0	30	9.16	-20.84	30	18		1
L-2310_G	5639	401503.421	730065.506	9.16	TC	30	48	-20.84	-38.84	18	18		1
L-2310_G	5639	401503.421	730065.506	9.16	LT	48	105	-38.84	-95.84	57	18		1
L-2310_G	5639	401503.421	730065.506	9.16	H1	105	135	-95.84	-125.84	30	18		1
L-2310_G	5639	401503.421	730065.506	9.16	SA	135	170	-125.84	-160.84	35	18		1
L-2310_G	5639	401503.421	730065.506	9.16	H2	170	254	-160.84	-244.84	84	18		1
L-2310_G	5639	401503.421	730065.506	9.16	HM	254	400	-244.84	-390.84	146	18		1
L-2310_G	5639	401503.421	730065.506	9.16	H3	400		-390.84			18		1
L-2315	25720	267665.438	789755.53	7.75	SA	110	180	-102.25	-172.25	70	18		1
L-2315	25720	267665.438	789755.53	7.75	H2	180	285	-172.25	-277.25	105	18		1
L-2315	25720	267665.438	789755.53	7.75	HM	285	320	-277.25	-312.25	35	18		1
L-2328_G	5883	407800.009	886030.683	25.53	WT	0	50	25.53	-24.47	50	18		1
L-2328_G	5883	407800.009	886030.683	25.53	LT	50	50	-24.47	-24.47	0	18	Unit absent - data used to constrain the interpolation of the surface	-1
L-2328_G	5883	407800.009	886030.683	25.53	H1	50	127	-24.47	-101.47	77	18		1
L-2328_G	5883	407800.009	886030.683	25.53	SA	127	150	-101.47	-124.47	23	18		1
L-2341	5876	375950.12	881083.799	23	WT	0	13	23	10	13	78		1
L-2341	5876	375950.12	881083.799	23	H1	13	115	10	-92	102	78		1
L-2341	5876	375950.12	881083.799	23	SA	115	125	-92	-102	10	78		1
L-2341	5876	375950.12	881083.799	23	H2	125	220	-102	-197	95	78		1
L-2341	5876	375950.12	881083.799	23	HM	220	270	-197	-247	50	78		1
L-2341	5876	375950.12	881083.799	23	H3	270	455	-247	-432	185	78		1
L-2435	22012	351159.253	813502.138	6	HM	135	225	-129	-219	90	78		1
L-2460	15278	461450.852	845657.8	21	WT	0	26	21	-5	26	18		1
L-2460	15278	461450.852	845657.8	21	H1	26	61	-5	-40	35	18		1
L-2460	15278	461450.852	845657.8	21	SA	61	138	-40	-117	77	18		1
L-2460	15278	461450.852	845657.8	21	H2	138	240	-117	-219	102	18		1
L-2460	15278	461450.852	845657.8	21	HM	240	300	-219	-279	60	18		1
L-2460	15278	461450.852	845657.8	21	H3	300		-279			18		1
L-2525	22301	301072.837	796831.245	6	H1	40	135	-34	-129	95	97		1
L-2525	22301	301072.837	796831.245	6	SA	135	150	-129	-144	15	97		1
L-2525	22301	301072.837	796831.245	6	H2	150	250	-144	-244	100	97		1
L-2525	22301	301072.837	796831.245	6	HM	250	309	-244	-303	59	97		1
L-2526_G	5878	317115.275	881522.77	10.71	WT	0	35	10.71	-24.29	35	18		1
L-2526_G	5878	317115.275	881522.77	10.71	H2	35	160	-24.29	-149.29	125	78		1
L-2526_G	5878	317115.275	881522.77	10.71	HM	160	220	-149.29	-209.29	60	78		1
L-2526_G	5878	317115.275	881522.77	10.71	H3	220	505	-209.29	-494.29	285	78		1
L-2527 2_G	21801	281568.226	850724.557	3	WT	0	75	3	-72	75	184		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
L-2527 2_G	21801	281568.226	850724.557	3	H1	75	153	-72	-150	78	184		1
L-2527 2_G	21801	281568.226	850724.557	3	SA	153	198	-150	-195	45	184		1
L-2527 2_G	21801	281568.226	850724.557	3	H2	198	268	-195	-265	70	184		1
L-2527 2_G	21801	281568.226	850724.557	3	HM	268	308	-265	-305	40	184		1
L-2527 2_G	21801	281568.226	850724.557	3	H3	308		-305			184		1
L-2529_G	5686	348672.164	783934.155	5.83	WT	0	35	5.83	-29.17	35	18		1
L-2529_G	5686	348672.164	783934.155	5.83	H2	35	145	-29.17	-139.17	110	78		1
L-2529_G	5686	348672.164	783934.155	5.83	HM	145	225	-139.17	-219.17	80	78		1
L-2529_G	5686	348672.164	783934.155	5.83	H3	225	475	-219.17	-469.17	250	78		1
L-2642	21799	335033.754	806655.251	6	WT	0	29	6	-23	29	111		1
L-2642	21799	335033.754	806655.251	6	H1	29	82	-23	-76	53	111		1
L-2642	21799	335033.754	806655.251	6	H2	82	97	-76	-91	15	111		1
L-2642	21799	335033.754	806655.251	6	SA	82	82	-76	-76	0	111	Unit absent - data used to constrain the interpolation of the surface	-1
L-2642	21799	335033.754	806655.251	6	HM	97		-91			111		1
L-2643	22446	320045.516	806368.922	7	WT	1	42	6	-35	41	111		1
L-2643	22446	320045.516	806368.922	7	H2	42	130	-35	-123	88	111		1
L-2643	22446	320045.516	806368.922	7	HM	130		-123			111		1
L-2645_G	5762	306667.541	835763.082	5.54	WT	0	55	5.54	-49.46	55	18		1
L-2645_G	5762	306667.541	835763.082	5.54	H2	55	160	-49.46	-154.46	105	18		1
L-2645_G	5762	306667.541	835763.082	5.54	HM	160		-154.46			18		1
L-2657	23743	343570.061	794471.798	6	WT	0	30	6	-24	30	18		1
L-2657	23743	343570.061	794471.798	6	H2	30	150	-24	-144	120	18		1
L-2657	23743	343570.061	794471.798	6	HM	150	310	-144	-304	160	18		1
L-2657	23743	343570.061	794471.798	6	H3	310		-304			18		1
L-2700_G	5842	321671.907	849676.371	7.14	WT	0	10	7.14	-2.86	10	169		1
L-2700_G	5842	321671.907	849676.371	7.14	LT	10	20	-2.86	-12.86	10	169		1
L-2820	22015	283280.7	849295.479	8	WT	3	74	5	-66	71	17		1
L-2820	22015	283280.7	849295.479	8	LT	74	94	-66	-86	20	17		1
L-2820	22015	283280.7	849295.479	8	H2	94	212	-86	-204	118	17		1
L-2820	22015	283280.7	849295.479	8	HM	212		-204			17		1
L2-TW	4454	672740.653	826627.019	17.84	SA	180	180	-162.16	-162.16	0	10	Unit absent - data used to constrain the interpolation of the surface	-1
L2-TW	4454	672740.653	826627.019	17.84	H2	180	435	-162.16	-417.16	255	10		1
L2-TW	4454	672740.653	826627.019	17.84	HM	435	475	-417.16	-457.16	40	10		1
L2-TW	4454	672740.653	826627.019	17.84	H3	475	780	-457.16	-762.16	305	10		1
L-3275	25830	395459.473	855307.865	16	WT	0	22	16	-6	22	18		1
L-3275	25830	395459.473	855307.865	16	H1	22	56	-6	-40	34	18		1
L-3275	25830	395459.473	855307.865	16	S2	56	96	-40	-80	40	147		1
L-3275	25830	395459.473	855307.865	16	SA	56	168	-40	-152	112	147		1
L-3275	25830	395459.473	855307.865	16	S1	152	168	-136	-152	16	147		1
L-3275	25830	395459.473	855307.865	16	H2	168	193	-152	-177	25	147		1
L-3275	25830	395459.473	855307.865	16	HM	193		-177			147		1
L-4841	15288	348974.118	788070.343	8	WT	0	35	8	-27	35	18		1
L-4841	15288	348974.118	788070.343	8	H2	35	150	-27	-142	115	18		1
L-4841	15288	348974.118	788070.343	8	HM	150	285	-142	-277	135	18		1
L-4846	15292	356753.55	846681.963	10	WT	0	22	10	-12	22	18		1
L-4846	15292	356753.55	846681.963	10	H1	22	74	-12	-64	52	18		1
L-4846	15292	356753.55	846681.963	10	SA	74	105	-64	-95	31	18		1
L-4846	15292	356753.55	846681.963	10	H2	105	120	-95	-110	15	18		1
L-4846	15292	356753.55	846681.963	10	HM	120	224	-110	-214	104	18		1
L-4900	25857	355030.642	809029.629	5	WT	0	30	5	-25	30	18		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
L-4900	25857	355030.642	809029.629	5	H1	30	100	-25	-95	70	18		1
L-4900	25857	355030.642	809029.629	5	SA	100	110	-95	-105	10	18		1
L-4900	25857	355030.642	809029.629	5	H2	110	130	-105	-125	20	18		1
L-4900	25857	355030.642	809029.629	5	HM	130	217	-125	-212	87	147		1
L-5605	23749	407963.355	883302.621	27	WT	0	37	27	-10	37	184		1
L-5605	23749	407963.355	883302.621	27	H1	37	119	-10	-92	82	184		1
L-5605	23749	407963.355	883302.621	27	SA	119	170	-92	-143	51	184		1
L-5605	23749	407963.355	883302.621	27	H2	170	254	-143	-227	84	184		1
L-5605	23749	407963.355	883302.621	27	HM	254	280	-227	-253	26	184		1
L-5605	23749	407963.355	883302.621	27	H3	280	600	-253	-573	320	184		1
L-5649	22302	398678.997	785681.083	20	WT	0	30	20	-10	30	18		1
L-5649	22302	398678.997	785681.083	20	H1	30	70	-10	-50	40	18		1
L-5649	22302	398678.997	785681.083	20	SA	70	135	-50	-115	65	18		1
L-5649	22302	398678.997	785681.083	20	H2	135		-115			18		1
L-5664_G	5654	440411.947	759230.836	21.2	H1	117	170	-95.8	-148.8	53	18		1
L-5664_G	5654	440411.947	759230.836	21.2	SA	170	280	-148.8	-258.8	110	18		1
L-5664_G	5654	440411.947	759230.836	21.2	H2	280	350	-258.8	-328.8	70	18		1
L-5664_G	5654	440411.947	759230.836	21.2	HM	350		-328.8			18		1
L-5666_G	5651	419320.218	759646.979	17.2	H1	96	140	-78.8	-122.8	44	18		1
L-5666_G	5651	419320.218	759646.979	17.2	SA	140	210	-122.8	-192.8	70	18		1
L-5666_G	5651	419320.218	759646.979	17.2	H2	210	270	-192.8	-252.8	60	18		1
L-5666_G	5651	419320.218	759646.979	17.2	HM	270		-252.8			18		1
L-5668	5652	398226.689	759367.276	15.62	SA	100	155	-84.38	-139.38	55	18		1
L-5668	5652	398226.689	759367.276	15.62	H2	155	223	-139.38	-207.38	68	18		1
L-5668	5652	398226.689	759367.276	15.62	HM	223		-207.38			18		1
L-5811	25770	382460.504	864984.047	12	WT	0	40	12	-28	40	182		1
L-5811	25770	382460.504	864984.047	12	H1	40	64	-28	-52	24	182		1
L-5811	25770	382460.504	864984.047	12	S2	64	118	-52	-106	54	182		1
L-5811	25770	382460.504	864984.047	12	SA	64	170	-52	-158	106	182		1
L-5811	25770	382460.504	864984.047	12	S1	161	170	-149	-158	9	182		1
L-5811	25770	382460.504	864984.047	12	H2	170	230	-158	-218	60	182		1
L-5811	25770	382460.504	864984.047	12	HM	230	395	-218	-383	165	182		1
L-5811	25770	382460.504	864984.047	12	H3	395	480	-383	-468	85	182		1
L-5812	13866	402976.481	748028.184	14	WT	0	30	14	-16	30	33		1
L-5812	13866	402976.481	748028.184	14	TC	30	80	-16	-66	50	33		1
L-5812	13866	402976.481	748028.184	14	LT	80	140	-66	-126	60	33		1
L-5812	13866	402976.481	748028.184	14	S2	140	160	-126	-146	20	33		1
L-5812	13866	402976.481	748028.184	14	SA	140	160	-126	-146	20	33		1
L-5812	13866	402976.481	748028.184	14	S1	160	160	-146	-146	0	33	Unit absent - data used to constrain the interpolation of the surface	-1
L-5812	13866	402976.481	748028.184	14	H2	160	250	-146	-236	90	33		1
L-5812	13866	402976.481	748028.184	14	HM	250	330	-236	-316	80	33		1
L-5812	13866	402976.481	748028.184	14	H3	330	650	-316	-636	320	33		1
L-5817	13871	433171.291	867811.556	6	WT	0	7	6	-1	7	183		1
L-5817	13871	433171.291	867811.556	6	H1	7	57	-1	-51	50	183		1
L-5817	13871	433171.291	867811.556	6	SA	57	130	-51	-124	73	183		1
L-5817	13871	433171.291	867811.556	6	H2	130	237	-124	-231	107	183		1
L-5817	13871	433171.291	867811.556	6	HM	237	395	-231	-389	158	183		1
L-5817	13871	433171.291	867811.556	6	H3	395	515	-389	-509	120	183		1
L-5855	23373	425770.205	775260.399	23.31	WT	0	19	23.31	4.31	19	161		1
L-5855	23373	425770.205	775260.399	23.31	LT	19	68	4.31	-44.69	49	161		1
L-5855	23373	425770.205	775260.399	23.31	H1	68	110	-44.69	-86.69	42	161		1
L-5855	23373	425770.205	775260.399	23.31	SA	110	248	-86.69	-224.69	138	161		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
L-5855	23373	425770.205	775260.399	23.31	H2	248	322	-224.69	-298.69	74	161		1
L-5871	23383	368222.769	825698.94	13	WT	0	60	13	-47	60	34		1
L-5871	23383	368222.769	825698.94	13	H1	60	80	-47	-67	20	34		1
L-5871	23383	368222.769	825698.94	13	LT	60	60	-47	-47	0	34	Unit absent - data used to constrain the interpolation of the surface	-1
L-5871	23383	368222.769	825698.94	13	SA	80	102	-67	-89	22	34		1
L-5871	23383	368222.769	825698.94	13	H2	102	136	-89	-123	34	34		1
L-5871	23383	368222.769	825698.94	13	HM	136	248	-123	-235	112	34		1
L-5871	23383	368222.769	825698.94	13	H3	248	450	-235	-437	202	34		1
L-602	28590	437750	759750	27.8	WT	0	40	27.8	-12.2	40	81		1
L-602	28590	437750	759750	27.8	TC	40	40	-12.2	-12.2	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
L-602	28590	437750	759750	27.8	LT	40	60	-12.2	-32.2	20	81		1
L-602	28590	437750	759750	27.8	H1	60	170	-32.2	-142.2	110	81		1
L-602	28590	437750	759750	27.8	SA	170	240	-142.2	-212.2	70	81		1
L-602	28590	437750	759750	27.8	H2	240	295	-212.2	-267.2	55	81		1
L-602	28590	437750	759750	27.8	HM	295		-267.2			81		1
L-603	28486	393448	732306	7	WT	0	20	7	-13	20	17		1
L-603	28486	393448	732306	7	TC	20	53	-13	-46	33	17		1
L-603	28486	393448	732306	7	LT	53	130	-46	-123	77	17		1
L-603	28486	393448	732306	7	SA	130	165	-123	-158	35	17		1
L-603	28486	393448	732306	7	S2	130	152	-123	-145	22	17		1
L-603	28486	393448	732306	7	S1	152	165	-145	-158	13	17		1
L-603	28486	393448	732306	7	H2	165	274	-158	-267	109	17		1
L-603	28486	393448	732306	7	HM	274		-267			17		1
L-607	28491	388730.991	763132.982	13	WT	0	4	13	9	4	111		1
L-607	28491	388730.991	763132.982	13	LT	4	22	9	-9	18	111		1
L-607	28491	388730.991	763132.982	13	H1	22	98	-9	-85	76	111		1
L-607	28491	388730.991	763132.982	13	SA	98	145	-85	-132	47	111		1
L-607	28491	388730.991	763132.982	13	H2	145	191	-132	-178	46	111		1
L-607	28491	388730.991	763132.982	13	HM	191		-178			111		1
L-610	28492	385633.489	804452.477	17	WT	0	24	17	-7	24	111		1
L-610	28492	385633.489	804452.477	17	H1	24	77	-7	-60	53	111		1
L-610	28492	385633.489	804452.477	17	SA	77	131	-60	-114	54	111		1
L-610	28492	385633.489	804452.477	17	S2	77	121	-60	-104	44	111		1
L-610	28492	385633.489	804452.477	17	S1	121	131	-104	-114	10	111		1
L-610	28492	385633.489	804452.477	17	H2	131	161	-114	-144	30	111		1
L-610	28492	385633.489	804452.477	17	HM	161		-144			111		1
L-611	28493	369926.875	805263.658	9	WT	0	7	9	2	7	111		1
L-611	28493	369926.875	805263.658	9	H1	7	68	2	-59	61	111		1
L-611	28493	369926.875	805263.658	9	SA	68	101	-59	-92	33	111		1
L-611	28493	369926.875	805263.658	9	H2	101	119	-92	-110	18	111		1
L-612	28684	422500	830500	19.34	WT	0	5	19.34	14.34	5	81		1
L-612	28684	422500	830500	19.34	TC	5	10	14.34	9.34	5	81		1
L-612	28684	422500	830500	19.34	LT	10	20	9.34	-0.66	10	81		1
L-612	28684	422500	830500	19.34	H1	20	40	-0.66	-20.66	20	81		1
L-612	28684	422500	830500	19.34	SA	40		-20.66			81		1
L-613	28685	445008	818248	20.17	WT	0	30	20.17	-9.83	30	81		1
L-613	28685	445008	818248	20.17	TC	30	45	-9.83	-24.83	15	81		1
L-613	28685	445008	818248	20.17	LT	45	75	-24.83	-54.83	30	81		1
L-613	28685	445008	818248	20.17	SA	75	140	-54.83	-119.83	65	81		1
L-613	28685	445008	818248	20.17	H1	75	75	-54.83	-54.83	0	81		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
L-613	28685	445008	818248	20.17	H2	140	260	-119.83	-239.83	120	81		1
L-613	28685	445008	818248	20.17	HM	260		-239.83			81		1
L-614	28494	456034.865	769928.43	20.85	WT	0	9	20.85	11.85	9	111		1
L-614	28494	456034.865	769928.43	20.85	LT	9	109	11.85	-88.15	100	111		1
L-614	28494	456034.865	769928.43	20.85	H1	109	190	-88.15	-169.15	81	111		1
L-614	28494	456034.865	769928.43	20.85	SA	190	229	-169.15	-208.15	39	111		1
L-614	28494	456034.865	769928.43	20.85	H2	229		-208.15			111		1
L-615	28495	470940.982	769961.157	24.53	WT	0	21	24.53	3.53	21	111		1
L-615	28495	470940.982	769961.157	24.53	LT	21	170	3.53	-145.47	149	111		1
L-615	28495	470940.982	769961.157	24.53	H1	170	216	-145.47	-191.47	46	111		1
L-615	28495	470940.982	769961.157	24.53	SA	216	294	-191.47	-269.47	78	111		1
L-615	28495	470940.982	769961.157	24.53	H2	294		-269.47			111		1
L-616	28591	437359	779109	25.61	WT	0	60	25.61	-34.39	60	81		1
L-616	28591	437359	779109	25.61	TC	60	60	-34.39	-34.39	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
L-616	28591	437359	779109	25.61	LT	60	105	-34.39	-79.39	45	81		1
L-616	28591	437359	779109	25.61	H1	105	150	-79.39	-124.39	45	81		1
L-616	28591	437359	779109	25.61	SA	150	210	-124.39	-184.39	60	81		1
L-616	28591	437359	779109	25.61	H2	210		-184.39			81		1
L-617	28518	440219	769704	26	WT	0	18	26	8	18	111		1
L-617	28518	440219	769704	26	LT	18	99	8	-73	81	111		1
L-617	28518	440219	769704	26	H1	99	175	-73	-149	76	111		1
L-617	28518	440219	769704	26	SA	175	235	-149	-209	60	111		1
L-617	28518	440219	769704	26	H2	235	276	-209	-250	41	111		1
L-617	28518	440219	769704	26	HM	276		-250			111		1
L-619	28592	449000	796000	28.94	WT	0	12	28.94	16.94	12	81		1
L-619	28592	449000	796000	28.94	LT	12	85	16.94	-56.06	73	81		1
L-619	28592	449000	796000	28.94	TC	12	12	16.94	16.94	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
L-619	28592	449000	796000	28.94	H1	85	120	-56.06	-91.06	35	81		1
L-621	28496	432801.064	810535.982	26.39	WT	0	10	26.39	16.39	10	17		1
L-621	28496	432801.064	810535.982	26.39	LT	10	40	16.39	-13.61	30	81		1
L-621	28496	432801.064	810535.982	26.39	TC	10	10	16.39	16.39	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
L-621	28496	432801.064	810535.982	26.39	H1	40	60	-13.61	-33.61	20	81		1
L-621	28496	432801.064	810535.982	26.39	S2	61	140	-34.61	-113.61	79	111		1
L-621	28496	432801.064	810535.982	26.39	SA	61	200	-34.61	-173.61	139	111		1
L-621	28496	432801.064	810535.982	26.39	S1	150	200	-123.61	-173.61	50	111		1
L-621	28496	432801.064	810535.982	26.39	H2	200	280	-173.61	-253.61	80	111		1
L-621	28496	432801.064	810535.982	26.39	HM	280		-253.61			81		1
L-622	28686	423000	819500	12.11	WT	0	7	12.11	5.11	7	81		1
L-622	28686	423000	819500	12.11	TC	7	7	5.11	5.11	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
L-622	28686	423000	819500	12.11	LT	7	20	5.11	-7.89	13	81		1
L-622	28686	423000	819500	12.11	H1	20	60	-7.89	-47.89	40	81		1
L-622	28686	423000	819500	12.11	SA	60	130	-47.89	-117.89	70	81		1
L-622	28686	423000	819500	12.11	H2	130	250	-117.89	-237.89	120	81		1
L-622	28686	423000	819500	12.11	HM	250		-237.89			81		1
L-624	28497	439854.584	839983.695	18	WT	0	7	18	11	7	111		1
L-624	28497	439854.584	839983.695	18	H1	7	59	11	-41	52	111		1
L-624	28497	439854.584	839983.695	18	SA	59	119	-41	-101	60	111		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
L-624	28497	439854.584	839983.695	18	S1	106	119	-88	-101	13	111		1
L-624	28497	439854.584	839983.695	18	H2	119	235	-101	-217	116	111		1
L-625	28498	455487.11	845257.264	21	H1	0	45	21	-24	45	111		1
L-625	28498	455487.11	845257.264	21	SA	45	112	-24	-91	67	111		1
L-625	28498	455487.11	845257.264	21	S1	93	112	-72	-91	19	111		1
L-625	28498	455487.11	845257.264	21	H2	112	228	-91	-207	116	111		1
L-626	28499	471082.398	843064.686	24	WT	7	18	17	6	11	111		1
L-626	28499	471082.398	843064.686	24	S1	117	173	-93	-149	56	111		1
L-626	28499	471082.398	843064.686	24	S2	117	117	-93	-93	0	111	Unit absent - data used to constrain the interpolation of the surface	-1
L-626	28499	471082.398	843064.686	24	SA	117	173	-93	-149	56	111		1
L-626	28499	471082.398	843064.686	24	H2	173		-149			111		1
L-629	28500	471109.244	869519.896	19	WT	0	2	19	17	2	111		1
L-629	28500	471109.244	869519.896	19	H1	2	69	17	-50	67	111		1
L-629	28500	471109.244	869519.896	19	SA	69	161	-50	-142	92	111		1
L-629	28500	471109.244	869519.896	19	S1	131	161	-112	-142	30	111		1
L-629	28500	471109.244	869519.896	19	H2	161	290	-142	-271	129	111		1
L-631	28501	438194.687	869578.415	13	H1	2	69	11	-56	67	111		1
L-631	28501	438194.687	869578.415	13	S2	69	84	-56	-71	15	111		1
L-631	28501	438194.687	869578.415	13	SA	69	105	-56	-92	36	111		1
L-631	28501	438194.687	869578.415	13	S1	84	105	-71	-92	21	111		1
L-631	28501	438194.687	869578.415	13	H2	105		-92			111		1
L-632	28502	402862.118	874726.615	19	WT	2	11	17	8	9	111		1
L-632	28502	402862.118	874726.615	19	H1	11	91	8	-72	80	111		1
L-632	28502	402862.118	874726.615	19	SA	91	111	-72	-92	20	111		1
L-632	28502	402862.118	874726.615	19	H2	111	190	-92	-171	79	111		1
L-632	28502	402862.118	874726.615	19	HM	190		-171			111		1
L-636	28503	408863.332	770179.185	19	WT	0	7	19	12	7	111		1
L-636	28503	408863.332	770179.185	19	TC	1	7	18	12	6	111		-1
L-636	28503	408863.332	770179.185	19	LT	7	34	12	-15	27	111		1
L-636	28503	408863.332	770179.185	19	H1	34	97	-15	-78	63	111		1
L-636	28503	408863.332	770179.185	19	SA	97	136	-78	-117	39	111		1
L-636	28503	408863.332	770179.185	19	H2	136	236	-117	-217	100	111		1
L-636	28503	408863.332	770179.185	19	HM	236		-217			111		1
L-637	28505	379670	858027	4	WT	0	10	4	-6	10	111		1
L-637	28505	379670	858027	4	H1	10	54	-6	-50	44	111		1
L-637	28505	379670	858027	4	S2	54	75	-50	-71	21	111		1
L-637	28505	379670	858027	4	SA	54	75	-50	-71	21	111		1
L-637	28505	379670	858027	4	H2	75	130	-71	-126	55	111		1
L-637	28505	379670	858027	4	S1	75	75	-71	-71	0	111	Unit absent - data used to constrain the interpolation of the surface	-1
L-639	28506	377190.157	804911.742	17	WT	1	11	16	6	10	111		1
L-639	28506	377190.157	804911.742	17	H1	11	78	6	-61	67	111		1
L-639	28506	377190.157	804911.742	17	SA	78	111	-61	-94	33	111		1
L-639	28506	377190.157	804911.742	17	H2	111	136	-94	-119	25	111		1
L-639	28506	377190.157	804911.742	17	HM	136		-119			111		1
L-6401	21609	388253.917	763971.741	11	H1	42	100	-31	-89	58	61		1
L-6401	21609	388253.917	763971.741	11	S2	100	127	-89	-116	27	61		1
L-6401	21609	388253.917	763971.741	11	SA	100	127	-89	-116	27	61		1
L-6401	21609	388253.917	763971.741	11	S1	127	127	-116	-116	0	61	Unit absent - data used to constrain the interpolation of the surface	-1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
L-6401	21609	388253.917	763971.741	11	H2	127	185	-116	-174	58	61		1
L-6401	21609	388253.917	763971.741	11	HM	185	303	-174	-292	118	61		1
L-6401	21609	388253.917	763971.741	11	H3	303	535	-292	-524	232	61		1
L-6414	23756	459870.891	876158.64	19	WT	0	20	19	-1	20	184		1
L-6414	23756	459870.891	876158.64	19	H1	20	90	-1	-71	70	184		1
L-6414	23756	459870.891	876158.64	19	SA	90	188	-71	-169	98	184		1
L-6435	15273	318386.521	814762.037	2	WT	0	50	2	-48	50	97		1
L-6435	15273	318386.521	814762.037	2	H2	50	150	-48	-148	100	97		1
L-6435	15273	318386.521	814762.037	2	HM	150	239	-148	-237	89	97		1
L-6435	15273	318386.521	814762.037	2	H3	239	544	-237	-542	305	97		1
L-6437	15274	310590.608	871173.96	6	WT	0	40	6	-34	40	97		1
L-6437	15274	310590.608	871173.96	6	H1	40	120	-34	-114	80	97		-1
L-6437	15274	310590.608	871173.96	6	SA	120	120	-114	-114	0	97	Unit absent - data used to constrain the interpolation of the surface	-1
L-6437	15274	310590.608	871173.96	6	H2	120	130	-114	-124	10	97		-1
L-6437	15274	310590.608	871173.96	6	HM	130	269	-124	-263	139	97		1
L-6437	15274	310590.608	871173.96	6	H3	269	486	-263	-480	217	97		1
L-6439	23758	352971.855	875589.383	18	WT	0	55	18	-37	55	97		1
L-6439	23758	352971.855	875589.383	18	LT	55	55	-37	-37	0	97	Unit absent - data used to constrain the interpolation of the surface	-1
L-6439	23758	352971.855	875589.383	18	H2	55	155	-37	-137	100	97		1
L-6444	23760	348755.346	857141.031	15	WT	0	25	15	-10	25	97		1
L-6444	23760	348755.346	857141.031	15	H2	25	135	-10	-120	110	97		1
L-6444	23760	348755.346	857141.031	15	HM	135	219	-120	-204	84	97		1
L-6444	23760	348755.346	857141.031	15	H3	219	499	-204	-484	280	97		1
L-6445	23761	293528.502	764882.81	4	WT	0	10	4	-6	10	97		1
L-6445	23761	293528.502	764882.81	4	TC	10	20	-6	-16	10	97		1
L-6445	23761	293528.502	764882.81	4	LT	20	50	-16	-46	30	97		1
L-6445	23761	293528.502	764882.81	4	H1	50	125	-46	-121	75	97		1
L-6445	23761	293528.502	764882.81	4	SA	125	140	-121	-136	15	97		1
L-6445	23761	293528.502	764882.81	4	H2	140	270	-136	-266	130	97		1
L-6445	23761	293528.502	764882.81	4	HM	270	317	-266	-313	47	97		1
L-646	28507	365891.99	864971.135	17	WT	3	24	14	-7	21	111		1
L-646	28507	365891.99	864971.135	17	H1	24	71	-7	-54	47	111		1
L-646	28507	365891.99	864971.135	17	SA	71	93	-54	-76	22	111		1
L-646	28507	365891.99	864971.135	17	S2	71	93	-54	-76	22	111		1
L-646	28507	365891.99	864971.135	17	H2	93	139	-76	-122	46	111		1
L-646	28507	365891.99	864971.135	17	S1	93	93	-76	-76	0	111	Unit absent - data used to constrain the interpolation of the surface	-1
L-646	28507	365891.99	864971.135	17	HM	139		-122			111		1
L-6462	21610	432887.624	763509.53	20.3	H1	163	209	-142.7	-188.7	46	147		1
L-6462	21610	432887.624	763509.53	20.3	SA	209	286	-188.7	-265.7	77	147		1
L-6462	21610	432887.624	763509.53	20.3	H2	286	323	-265.7	-302.7	37	147		1
L-6462	21610	432887.624	763509.53	20.3	HM	323		-302.7			147		1
L-648	28508	324534.232	830541.317	10	WT	0	33	10	-23	33	111		1
L-648	28508	324534.232	830541.317	10	LT	33	46	-23	-36	13	111		1
L-648	28508	324534.232	830541.317	10	H1	46	104	-36	-94	58	111		1
L-648	28508	324534.232	830541.317	10	H2	104	128	-94	-118	24	111		1
L-648	28508	324534.232	830541.317	10	SA	104	104	-94	-94	0	111	Unit absent - data used to constrain the interpolation of the surface	-1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
L-648	28508	324534.232	830541.317	10	HM	128		-118			111		1
L-652_G	5850	414054.931	854994.634	6.83	WT	0	30	6.83	-23.17	30	18		1
L-652_G	5850	414054.931	854994.634	6.83	LT	30	30	-23.17	-23.17	0	18	Unit absent - data used to constrain the interpolation of the surface	-1
L-652_G	5850	414054.931	854994.634	6.83	H1	30	70	-23.17	-63.17	40	18		1
L-652_G	5850	414054.931	854994.634	6.83	SA	70	110	-63.17	-103.17	40	18		1
L-652_G	5850	414054.931	854994.634	6.83	H2	110	200	-103.17	-193.17	90	18		1
L-652_G	5850	414054.931	854994.634	6.83	HM	200		-193.17			18		1
L-657	28509	366020.368	805088.562	7	WT	0	11	7	-4	11	111		1
L-657	28509	366020.368	805088.562	7	H1	11	81	-4	-74	70	111		1
L-657	28509	366020.368	805088.562	7	SA	81	110	-74	-103	29	111		1
L-657	28509	366020.368	805088.562	7	S2	81	110	-74	-103	29	111		1
L-657	28509	366020.368	805088.562	7	S1	110	110	-103	-103	0	111	Unit absent - data used to constrain the interpolation of the surface	-1
L-657	28509	366020.368	805088.562	7	H2	110	124	-103	-117	14	111		1
L-657	28509	366020.368	805088.562	7	HM	124		-117			111		1
L-660	28510	464005.035	842995.711	24	H1	1	89	23	-65	88	111		1
L-660	28510	464005.035	842995.711	24	SA	49	138	-25	-114	89	111		1
L-660	28510	464005.035	842995.711	24	S2	89	115	-65	-91	26	111		1
L-660	28510	464005.035	842995.711	24	S1	115	138	-91	-114	23	111		1
L-660	28510	464005.035	842995.711	24	H2	138		-114			111		1
L-662	28511	406220.502	829972.825	22	WT	3	9	19	13	6	111		1
L-662	28511	406220.502	829972.825	22	H1	9	74	13	-52	65	111		1
L-662	28511	406220.502	829972.825	22	S2	74	124	-52	-102	50	111		1
L-662	28511	406220.502	829972.825	22	SA	74	148	-52	-126	74	111		1
L-662	28511	406220.502	829972.825	22	S1	124	148	-102	-126	24	111		1
L-662	28511	406220.502	829972.825	22	H2	148	190	-126	-168	42	111		1
L-663	28512	369225.183	835360.513	15	WT	2	10	13	5	8	111		1
L-663	28512	369225.183	835360.513	15	H1	10	79	5	-64	69	111		1
L-663	28512	369225.183	835360.513	15	SA	79	120	-64	-105	41	111		1
L-663	28512	369225.183	835360.513	15	H2	120	138	-105	-123	18	111		1
L-665	28513	292057.136	822328.76	7	WT	0	45	7	-38	45	111		1
L-665	28513	292057.136	822328.76	7	LT	45	75	-38	-68	30	111		1
L-665	28513	292057.136	822328.76	7	H1	75	125	-68	-118	50	111		1
L-665	28513	292057.136	822328.76	7	S2	125	150	-118	-143	25	111		1
L-665	28513	292057.136	822328.76	7	SA	125	150	-118	-143	25	111		1
L-665	28513	292057.136	822328.76	7	H2	150	209	-143	-202	59	111		1
L-665	28513	292057.136	822328.76	7	S1	150	150	-143	-143	0	111	Unit absent - data used to constrain the interpolation of the surface	-1
L-665	28513	292057.136	822328.76	7	HM	209		-202			111		1
L-667	28514	348513.738	832781.446	8	WT	0	13	8	-5	13	111		1
L-667	28514	348513.738	832781.446	8	H1	13	90	-5	-82	77	111		1
L-667	28514	348513.738	832781.446	8	S2	90	109	-82	-101	19	111		1
L-667	28514	348513.738	832781.446	8	SA	90		-82			111		1
L-667	28514	348513.738	832781.446	8	H2	109	136	-101	-128	27	111		1
L-667	28514	348513.738	832781.446	8	HM	136		-128			111		1
L-674	28515	353529.903	861120.87	14	WT	4	26	10	-12	22	111		1
L-674	28515	353529.903	861120.87	14	LT	26	26	-12	-12	0	111	Unit absent - data used to constrain the interpolation of the surface	-1
L-674	28515	353529.903	861120.87	14	H1	26	73	-12	-59	47	111		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
L-674	28515	353529.903	861120.87	14	SA	73	84	-59	-70	11	111		1
L-674	28515	353529.903	861120.87	14	S2	73	84	-59	-70	11	111		1
L-674	28515	353529.903	861120.87	14	S1	84	84	-70	-70	0	111	Unit absent - data used to constrain the interpolation of the surface	-1
L-674	28515	353529.903	861120.87	14	H2	84	125	-70	-111	41	111		1
L-675	28516	316606.371	860193.835	6	WT	2	36	4	-30	34	111		1
L-675	28516	316606.371	860193.835	6	TC	36	46	-30	-40	10	111		1
L-675	28516	316606.371	860193.835	6	LT	46	56	-40	-50	10	111		1
L-675	28516	316606.371	860193.835	6	H1	56	114	-50	-108	58	111		1
L-675	28516	316606.371	860193.835	6	H2	114	145	-108	-139	31	111		1
L-675	28516	316606.371	860193.835	6	SA	114	114	-108	-108	0	111	Unit absent - data used to constrain the interpolation of the surface	-1
L-675	28516	316606.371	860193.835	6	HM	145		-139			111		1
L-729_G	5717	439790.53	809895.066	29.34	WT	0	15	29.34	14.34	15	81		1
L-729_G	5717	439790.53	809895.066	29.34	LT	15	41	14.34	-11.66	26	81		1
L-729_G	5717	439790.53	809895.066	29.34	H1	41	60	-11.66	-30.66	19	81		1
L-729_G	5717	439790.53	809895.066	29.34	SA	60		-30.66			81		1
L-735_G	5682	380816.059	780278.042	5.17	WT	0	50	5.17	-44.83	50	18		1
L-735_G	5682	380816.059	780278.042	5.17	LT	50	50	-44.83	-44.83	0	18	Unit absent - data used to constrain the interpolation of the surface	-1
L-735_G	5682	380816.059	780278.042	5.17	H1	50	120	-44.83	-114.83	70	18		1
L-735_G	5682	380816.059	780278.042	5.17	SA	120	170	-114.83	-164.83	50	18		1
L-735_G	5682	380816.059	780278.042	5.17	H2	170	225	-164.83	-219.83	55	18		1
L-735_G	5682	380816.059	780278.042	5.17	HM	225		-219.83			18		1
L-742_G	5712	370680.982	809198.335	10.29	HM	140	225	-129.71	-214.71	85	18		1
L-798	28517	337799.646	832255.833	9	WT	0	9	9	0	9	111		1
L-798	28517	337799.646	832255.833	9	H1	9	92	0	-83	83	111		-1
L-798	28517	337799.646	832255.833	9	H2	92	100	-83	-91	8	111		-1
L-798	28517	337799.646	832255.833	9	SA	92	92	-83	-83	0	111	Unit absent - data used to constrain the interpolation of the surface	-1
L-798	28517	337799.646	832255.833	9	HM	100		-91			111		1
LABELLE-IW	28576	512107.815	868495.363	27	WT	0	51	27	-24	51	113		1
LABELLE-IW	28576	512107.815	868495.363	27	LT	51	51	-24	-24	0	113	Unit absent - data used to constrain the interpolation of the surface	-1
LABELLE-IW	28576	512107.815	868495.363	27	H1	51	130	-24	-103	79	113		1
LABELLE-IW	28576	512107.815	868495.363	27	S2	130	135	-103	-108	5	113		1
LABELLE-IW	28576	512107.815	868495.363	27	SA	130	140	-103	-113	10	113		1
LABELLE-IW	28576	512107.815	868495.363	27	S1	135	140	-108	-113	5	113		1
LABELLE-IW	28576	512107.815	868495.363	27	H3	140	636	-113	-609	496	113		1
LAB-TW	22670	502273.564	879736.844	21.41	TC	0	45	21.41	-23.59	45	12		1
LAB-TW	22670	502273.564	879736.844	21.41	WT	0	0	21.41	21.41	0	48	Unit absent - data used to constrain the interpolation of the surface	-1
LAB-TW	22670	502273.564	879736.844	21.41	LT	45	50	-23.59	-28.59	5	12		1
LAB-TW	22670	502273.564	879736.844	21.41	SA	50	235	-28.59	-213.59	185	147		1
LAB-TW	22670	502273.564	879736.844	21.41	S2	50	125	-28.59	-103.59	75	48		1
LAB-TW	22670	502273.564	879736.844	21.41	S1	190	235	-168.59	-213.59	45	147		1
LAB-TW	22670	502273.564	879736.844	21.41	H3	235	655	-213.59	-633.59	420	147		1
LE00002	225	395828.261	768671.322	15	H1	20	70	-5	-55	50	18		1
LE00002	225	395828.261	768671.322	15	SA	70	110	-55	-95	40	18		1
LE00002	225	395828.261	768671.322	15	H3	340		-325			18		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
LE00006	227	395717.346	765440.895	15	HM	200	300	-185	-285	100	18		1
LE00006	227	395717.346	765440.895	15	H3	300		-285			18		1
LE00008	229	415116.555	881847.543	10	WT	0	40	10	-30	40	18		1
LE00008	229	415116.555	881847.543	10	H1	40	99	-30	-89	59	18		1
LE00008	229	415116.555	881847.543	10	SA	99	129	-89	-119	30	18		1
LE00014	234	322078.88	822307.401	6	WT	0	19	6	-13	19	184		1
LE00014	234	322078.88	822307.401	6	H2	19	137	-13	-131	118	147		1
LE00014	234	322078.88	822307.401	6	HM	137	185	-131	-179	48	147		1
LE00014	234	322078.88	822307.401	6	H3	185	429	-179	-423	244	184		1
LE011	28485	414397.644	741298.749	15	WT	0	60	15	-45	60	169		1
LE011	28485	414397.644	741298.749	15	TC	60	90	-45	-75	30	169		1
LE011	28485	414397.644	741298.749	15	LT	90	135	-75	-120	45	79		1
LE011	28485	414397.644	741298.749	15	SA	135	165	-120	-150	30	79		1
LE021	28825	258461.373	825287.948	5	H2	180	230	-175	-225	50	78		1
LE021	28825	258461.373	825287.948	5	HM	230		-225			78		1
LHA-DIW	27802	443004.577	830652.428	20	WT	0	20	20	0	20	132		1
LHA-DIW	27802	443004.577	830652.428	20	H1	20	50	0	-30	30	132		1
LHA-DIW	27802	443004.577	830652.428	20	SA	50	140	-30	-120	90	132		1
LHA-DIW	27802	443004.577	830652.428	20	H3	140	540	-120	-520	400	132		1
LHA-LZMWB	27803	443062.822	830683.434	20	WT	0	20	20	0	20	132		1
LHA-LZMWB	27803	443062.822	830683.434	20	H1	20	50	0	-30	30	132		1
LHA-LZMWB	27803	443062.822	830683.434	20	SA	50	150	-30	-130	100	132		1
LHA-LZMWB	27803	443062.822	830683.434	20	H2	150	280	-130	-260	130	132		1
LHA-LZMWB	27803	443062.822	830683.434	20	HM	280		-260			132		1
LM-1443	28567	332630	879455	17	WT	0	20	17	-3	20	6		1
LM-1644	28593	392556	732780	13.2	WT	0	32	13.2	-18.8	32	92		1
LM-1644	28593	392556	732780	13.2	TC	32	72	-18.8	-58.8	40	92		1
LM-1644	28593	392556	732780	13.2	LT	72		-58.8			92		1
LM-1646	28594	387500	737500	29.32	WT	0	32	29.32	-2.68	32	92		1
LM-1646	28594	387500	737500	29.32	TC	32	95	-2.68	-65.68	63	92		1
LM-1646	28594	387500	737500	29.32	LT	95		-65.68			92		1
LM-1675	28595	391206	737470	24.81	WT	0	27	24.81	-2.19	27	92		1
LM-1675	28595	391206	737470	24.81	TC	27	65	-2.19	-40.19	38	92		1
LM-1675	28595	391206	737470	24.81	LT	65	125	-40.19	-100.19	60	92		1
LM-1675	28595	391206	737470	24.81	H1	125	160	-100.19	-135.19	35	92		1
LM-1675	28595	391206	737470	24.81	H2	160	215	-135.19	-190.19	55	92		1
LM-1675	28595	391206	737470	24.81	HM	215		-190.19			92		1
LM-1676	28596	391698	735140	25.42	WT	0	27	25.42	-1.58	27	92		1
LM-1676	28596	391698	735140	25.42	TC	27	65	-1.58	-39.58	38	92		1
LM-1676	28596	391698	735140	25.42	LT	65		-39.58			92		1
LM-1677	28597	392802	735079	18.39	WT	0	25	18.39	-6.61	25	92		1
LM-1677	28597	392802	735079	18.39	TC	25	69	-6.61	-50.61	44	92		1
LM-1677	28597	392802	735079	18.39	LT	69	118	-50.61	-99.61	49	92		1
LM-1677	28597	392802	735079	18.39	H1	118		-99.61			92		1
LM-1679	26656	392460.803	734432.452	10.82	WT	0	30	10.82	-19.18	30	92		1
LM-1679	26656	392460.803	734432.452	10.82	TC	30	65	-19.18	-54.18	35	92		1
LM-1679	26656	392460.803	734432.452	10.82	LT	65		-54.18			92		1
LM-1680	26657	392458.913	734129.54	10.03	WT	0	33	10.03	-22.97	33	92		1
LM-1680	26657	392458.913	734129.54	10.03	TC	33	80	-22.97	-69.97	47	92		1
LM-1680	26657	392458.913	734129.54	10.03	LT	80		-69.97			92		1
LM-1682A	28598	392850	734750	24.04	WT	0	32	24.04	-7.96	32	92		1
LM-1682A	28598	392850	734750	24.04	TC	32	85	-7.96	-60.96	53	92		1
LM-1682A	28598	392850	734750	24.04	LT	85		-60.96			92		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
LM-1685	26658	392459.543	734230.512	10.27	WT	0	33	10.27	-22.73	33	92		1
LM-1690	28601	392300	734000	23.68	WT	0	32	23.68	-8.32	32	92		1
LM-1713	28602	385000	732000	27.63	WT	0	30	27.63	-2.37	30	92		1
LM-1713	28602	385000	732000	27.63	TC	30	80	-2.37	-52.37	50	92		1
LM-1713	28602	385000	732000	27.63	LT	80	148	-52.37	-120.37	68	92		1
LM-1713	28602	385000	732000	27.63	H1	148	160	-120.37	-132.37	12	92		1
LM-1713	28602	385000	732000	27.63	SA	160	178	-132.37	-150.37	18	92		1
LM-1713	28602	385000	732000	27.63	S2	160	162	-132.37	-134.37	2	92		1
LM-1713	28602	385000	732000	27.63	S1	162	178	-134.37	-150.37	16	92		1
LM-1713	28602	385000	732000	27.63	H2	178	228	-150.37	-200.37	50	92		1
LM-1713	28602	385000	732000	27.63	HM	228		-200.37			92		1
LM-1716	28603	383000	738000	27.15	WT	0	22	27.15	5.15	22	92		1
LM-1716	28603	383000	738000	27.15	TC	22	82	5.15	-54.85	60	92		1
LM-1716	28603	383000	738000	27.15	LT	82	105	-54.85	-77.85	23	92		1
LM-1716	28603	383000	738000	27.15	SA	105	218	-77.85	-190.85	113	92		1
LM-1716	28603	383000	738000	27.15	H1	105	105	-77.85	-77.85	0	92		1
LM-1716	28603	383000	738000	27.15	S2	105	145	-77.85	-117.85	40	92		1
LM-1716	28603	383000	738000	27.15	S1	197	218	-169.85	-190.85	21	92		1
LM-1716	28603	383000	738000	27.15	H2	218		-190.85			92		1
LM-1718	26659	391824.027	734436.429	13.49	WT	0	25	13.49	-11.51	25	92		1
LM-1718	26659	391824.027	734436.429	13.49	TC	25	65	-11.51	-51.51	40	92		1
LM-1718	26659	391824.027	734436.429	13.49	LT	65	115	-51.51	-101.51	50	92		1
LM-1718	26659	391824.027	734436.429	13.49	H1	115	120	-101.51	-106.51	5	92		1
LM-1718	26659	391824.027	734436.429	13.49	S2	120	155	-106.51	-141.51	35	92		1
LM-1718	26659	391824.027	734436.429	13.49	SA	120	160	-106.51	-146.51	40	92		1
LM-1718	26659	391824.027	734436.429	13.49	S1	155	160	-141.51	-146.51	5	92		1
LM-1718	26659	391824.027	734436.429	13.49	H2	160	211	-146.51	-197.51	51	92		1
LM-1718	26659	391824.027	734436.429	13.49	HM	211		-197.51			92		1
LM-1719	28604	391000	734000	27.02	WT	0	27	27.02	0.02	27	92		1
LM-1719	28604	391000	734000	27.02	TC	27	69	0.02	-41.98	42	92		1
LM-1719	28604	391000	734000	27.02	LT	69	118	-41.98	-90.98	49	92		1
LM-1719	28604	391000	734000	27.02	H1	118	124	-90.98	-96.98	6	92		1
LM-1719	28604	391000	734000	27.02	SA	124	180	-96.98	-152.98	56	92		1
LM-1719	28604	391000	734000	27.02	S2	124	160	-96.98	-132.98	36	92		1
LM-1719	28604	391000	734000	27.02	S1	160	180	-132.98	-152.98	20	92		1
LM-1719	28604	391000	734000	27.02	H2	180	255	-152.98	-227.98	75	92		1
LM-1719	28604	391000	734000	27.02	HM	255		-227.98			92		1
LM-1720	28605	391916	734638	25.65	WT	0	26	25.65	-0.35	26	92		1
LM-1720	28605	391916	734638	25.65	TC	26	71	-0.35	-45.35	45	92		1
LM-1720	28605	391916	734638	25.65	LT	71	160	-45.35	-134.35	89	92		1
LM-1720	28605	391916	734638	25.65	H1	160	235	-134.35	-209.35	75	92		1
LM-1720	28605	391916	734638	25.65	HM	235		-209.35			92		1
LM-1883	28568	425014	731920	14	WT	0	10	14	4	10	169		1
LM-1883	28568	425014	731920	14	TC	10	29	4	-15	19	169		1
LM-1883	28568	425014	731920	14	LT	29		-15			169		1
LM-2041	28520	386883.349	744162.757	15	WT	0	36	15	-21	36	169		1
LM-2041	28520	386883.349	744162.757	15	TC	36	100	-21	-85	64	169		1
LM-2041	28520	386883.349	744162.757	15	LT	100	110	-85	-95	10	169		1
LM-2041	28520	386883.349	744162.757	15	SA	110	155	-95	-140	45	147		1
LM-2041	28520	386883.349	744162.757	15	S2	110	155	-95	-140	45	147		1
LM-2041	28520	386883.349	744162.757	15	S1	155	155	-140	-140	0	147	Unit absent - data used to constrain the interpolation of the surface	-1
LM-2041	28520	386883.349	744162.757	15	H2	155	200	-140	-185	45	147		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
LM-2041	28520	386883.349	744162.757	15	HM	200	315	-185	-300	115	147		1
LM-2041	28520	386883.349	744162.757	15	H3	315	535	-300	-520	220	147		1
LM-2428	26535	330472	833334	6	WT	0	40	6	-34	40	97		1
LM-2428	26535	330472	833334	6	H2	40	125	-34	-119	85	97		1
LM-2428	26535	330472	833334	6	HM	125	202	-119	-196	77	97		1
LM-2428	26535	330472	833334	6	H3	202	443	-196	-437	241	97		1
LM-3280	26679	414050.995	723802.069	14	WT	0	37	14	-23	37	18		1
LM-3280	26679	414050.995	723802.069	14	TC	37	64	-23	-50	27	18		1
LM-3280	26679	414050.995	723802.069	14	LT	64		-50			18		1
LM-3640	26690	464876.931	795534.196	26.75	WT	0	16	26.75	10.75	16	148		1
LM-3640	26690	464876.931	795534.196	26.75	LT	16	48	10.75	-21.25	32	148		1
LM-3640	26690	464876.931	795534.196	26.75	H1	48		-21.25			148		1
LM-3641	26691	461871.967	793932.443	27	WT	0	17	27	10	17	148		1
LM-3641	26691	461871.967	793932.443	27	LT	17	45	10	-18	28	148		1
LM-3641	26691	461871.967	793932.443	27	H1	45		-18			148		1
LM-3642	26692	464234.637	794123.514	27.02	WT	0	16	27.02	11.02	16	148		1
LM-3642	26692	464234.637	794123.514	27.02	LT	16	44	11.02	-16.98	28	148		1
LM-3642	26692	464234.637	794123.514	27.02	H1	44		-16.98			148		1
LM-3644	26693	459131.709	790714.094	28.5	WT	0	17	28.5	11.5	17	148		1
LM-3644	26693	459131.709	790714.094	28.5	LT	17	42	11.5	-13.5	25	148		1
LM-3644	26693	459131.709	790714.094	28.5	H1	42		-13.5			148		1
LM-3645	26694	465575.167	789270.734	29.38	WT	0	16	29.38	13.38	16	148		1
LM-3645	26694	465575.167	789270.734	29.38	LT	16	50	13.38	-20.62	34	148		1
LM-3645	26694	465575.167	789270.734	29.38	H1	50		-20.62			148		1
LM-3646	26695	463207.596	788069.882	27.6	WT	0	18	27.6	9.6	18	148		1
LM-3646	26695	463207.596	788069.882	27.6	LT	18	50	9.6	-22.4	32	148		1
LM-3646	26695	463207.596	788069.882	27.6	H1	50		-22.4			148		1
LM-3648	26697	458037.777	789911.462	25.67	WT	0	14	25.67	11.67	14	148		1
LM-3648	26697	458037.777	789911.462	25.67	LT	14	40	11.67	-14.33	26	148		1
LM-3648	26697	458037.777	789911.462	25.67	H1	40		-14.33			148		1
LM-3649	26698	457291.409	785775.113	26.94	WT	0	24	26.94	2.94	24	148		1
LM-3649	26698	457291.409	785775.113	26.94	TC	24	36	2.94	-9.06	12	148		1
LM-3649	26698	457291.409	785775.113	26.94	LT	36	62	-9.06	-35.06	26	148		1
LM-3649	26698	457291.409	785775.113	26.94	H1	62		-35.06			148		1
LM-3650	26699	458829.767	784455.217	26.53	WT	0	28	26.53	-1.47	28	148		1
LM-3650	26699	458829.767	784455.217	26.53	LT	28	65	-1.47	-38.47	37	148		1
LM-3650	26699	458829.767	784455.217	26.53	H1	65		-38.47			148		1
LM-3651	26700	461378.44	785453.043	26.85	WT	0	21	26.85	5.85	21	148		1
LM-3651	26700	461378.44	785453.043	26.85	LT	21		5.85			148		1
LM-3652	26701	458915.407	783344.117	28.43	WT	0	22	28.43	6.43	22	148		1
LM-3652	26701	458915.407	783344.117	28.43	LT	22		6.43			148		1
LM-3653	26702	461546.587	782524.071	27.78	WT	0	17	27.78	10.78	17	148		1
LM-3653	26702	461546.587	782524.071	27.78	LT	17		10.78			148		1
LM-3654	26703	463276.191	783222.899	28.15	WT	0	20	28.15	8.15	20	148		1
LM-3654	26703	463276.191	783222.899	28.15	LT	20		8.15			148		1
LM-3656	26705	458991.108	780112.649	27.23	WT	0	22	27.23	5.23	22	148		1
LM-3656	26705	458991.108	780112.649	27.23	LT	22		5.23			148		1
LM-3659	26708	458986.845	779203.919	27.51	WT	0	18	27.51	9.51	18	148		1
LM-3659	26708	458986.845	779203.919	27.51	LT	18		9.51			148		1
LM-3660	26709	457983.964	778501.831	26.7	WT	0	21	26.7	5.7	21	148		1
LM-3681	27821	293158.312	824409.542	4	H1	45	135	-41	-131	90	99		1
LM-3681	27821	293158.312	824409.542	4	SA	135	150	-131	-146	15	99		1
LM-3681	27821	293158.312	824409.542	4	H2	150	235	-146	-231	85	99		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
LM-3982	15264	426224.607	775257.912	24.37	WT	0	26	24.37	-1.63	26	161		1
LM-3982	15264	426224.607	775257.912	24.37	LT	26	70	-1.63	-45.63	44	161		1
LM-3982	15264	426224.607	775257.912	24.37	H1	70	114	-45.63	-89.63	44	161		1
LM-3982	15264	426224.607	775257.912	24.37	SA	114	247	-89.63	-222.63	133	161		1
LM-3982	15264	426224.607	775257.912	24.37	H2	247	336	-222.63	-311.63	89	161		1
LM-3982	15264	426224.607	775257.912	24.37	HM	336	479	-311.63	-454.63	143	161		1
LM-3982	15264	426224.607	775257.912	24.37	H3	479	525	-454.63	-500.63	46	161		1
LM-562	28569	286053	851668	7	WT	0	45	7	-38	45	169		1
LM-562	28569	286053	851668	7	LT	45	72	-38	-65	27	169		1
LM-6204	26740	433899.09	880203.785	17.57	WT	0	2	17.57	15.57	2	6		1
LM-6204	26740	433899.09	880203.785	17.57	TC	2	9	15.57	8.57	7	6		1
LM-6204	26740	433899.09	880203.785	17.57	LT	9	14	8.57	3.57	5	6		1
LM-640	28570	414159	726730	13	TC	30	60	-17	-47	30	169		1
LM-640	28570	414159	726730	13	LT	60		-47			169		1
LM-650	28571	419284	732052	15	TC	45	70	-30	-55	25	169		1
LM-650	28571	419284	732052	15	LT	70		-55			169		1
LM-681	28606	440078	777782	16.82	H2	150		-133.18			81		1
LM-697	28572	409026	735847	13	TC	30	55	-17	-42	25	169		1
LM-697	28572	409026	735847	13	LT	55		-42			169		1
LM-7196	28573	260344	848269	15	LT	60	80	-45	-65	20	169		1
LM-7733	27413	408591	766596	17	H1	50	100	-33	-83	50	170		1
LM-7733	27413	408591	766596	17	SA	100	150	-83	-133	50	170		1
LM-7733	27413	408591	766596	17	H2	150	225	-133	-208	75	170		1
LM-7733	27413	408591	766596	17	HM	225	400	-208	-383	175	170		1
LM-7733	27413	408591	766596	17	H3	400	550	-383	-533	150	170		1
LM-785	28608	394457	777537	8.41	WT	0	30	8.41	-21.59	30	81		1
LM-785	28608	394457	777537	8.41	LT	30	38	-21.59	-29.59	8	81		1
LM-785	28608	394457	777537	8.41	TC	30	30	-21.59	-21.59	0	81	Unit absent - data used to constrain the interpolation of the surface	-1
LM-785	28608	394457	777537	8.41	H1	38	96	-29.59	-87.59	58	81		1
LM-785	28608	394457	777537	8.41	SA	96		-87.59			81		1
LM-7973	26861	293068.888	823834.691	18.04	WT	0	50	18.04	-31.96	50	175		1
LM-7973	26861	293068.888	823834.691	18.04	H1	50	123	-31.96	-104.96	73	175		1
LM-7973	26861	293068.888	823834.691	18.04	SA	123	166	-104.96	-147.96	43	175		1
LM-7973	26861	293068.888	823834.691	18.04	H2	166	249	-147.96	-230.96	83	175		1
LM-7973	26861	293068.888	823834.691	18.04	HM	249	375	-230.96	-356.96	126	175		1
LM-922	28609	425460	772590	10.9	WT	0	13	10.9	-2.1	13	133		1
LM-922	28609	425460	772590	10.9	TC	13	17	-2.1	-6.1	4	133		1
LM-922	28609	425460	772590	10.9	LT	17	113	-6.1	-102.1	96	133		1
LM-922	28609	425460	772590	10.9	H1	113	146	-102.1	-135.1	33	133		1
LM-922	28609	425460	772590	10.9	SA	146	284	-135.1	-273.1	138	133		1
LM-922	28609	425460	772590	10.9	H2	284		-273.1			133		1
LM-923	28610	427350	771040	14.65	WT	0	24	14.65	-9.35	24	133		1
LM-923	28610	427350	771040	14.65	TC	24	29	-9.35	-14.35	5	133		1
LM-923	28610	427350	771040	14.65	LT	29	154	-14.35	-139.35	125	133		1
LM-923	28610	427350	771040	14.65	H1	154	200	-139.35	-185.35	46	133		1
LM-923	28610	427350	771040	14.65	SA	200	309	-185.35	-294.35	109	133		1
LM-923	28610	427350	771040	14.65	H2	309		-294.35			133		1
LM-924	28245	428893.067	771150.631	20.13	WT	0	40	20.13	-19.87	40	133		1
LM-924	28245	428893.067	771150.631	20.13	LT	40	155	-19.87	-134.87	115	133		1
LM-926	28611	425716	774088	11.2	WT	0	15	11.2	-3.8	15	133		1
LM-926	28611	425716	774088	11.2	TC	15	15	-3.8	-3.8	0	133	Unit absent - data used to constrain the interpolation of the surface	-1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
LM-926	28611	425716	774088	11.2	LT	15	84	-3.8	-72.8	69	133		1
LM-926	28611	425716	774088	11.2	H1	84	126	-72.8	-114.8	42	133		1
LM-926	28611	425716	774088	11.2	SA	126	184	-114.8	-172.8	58	133		1
LM-926	28611	425716	774088	11.2	H2	184		-172.8			133		1
LM-928	28612	425849	771499	5.72	WT	0	10	5.72	-4.28	10	133		1
LM-928	28612	425849	771499	5.72	LT	10	138	-4.28	-132.28	128	133		1
LM-928	28612	425849	771499	5.72	TC	10	10	-4.28	-4.28	0	133	Unit absent - data used to constrain the interpolation of the surface	-1
LM-928	28612	425849	771499	5.72	H1	138	168	-132.28	-162.28	30	133		1
LM-928	28612	425849	771499	5.72	SA	168		-162.28			133		1
LM-929	28613	427000	772500	10.09	WT	0	6	10.09	4.09	6	133		1
LM-929	28613	427000	772500	10.09	TC	6	6	4.09	4.09	0	133	Unit absent - data used to constrain the interpolation of the surface	-1
LM-929	28613	427000	772500	10.09	LT	6	130	4.09	-119.91	124	133		1
LM-929	28613	427000	772500	10.09	H1	130	180	-119.91	-169.91	50	133		1
LM-929	28613	427000	772500	10.09	SA	180		-169.91			133		1
LM-9290	27872	405539	759345	14.89	LT	17	36	-2.11	-21.11	19	179		1
LM-9290	27872	405539	759345	14.89	H1	36	96	-21.11	-81.11	60	179		1
LM-9290	27872	405539	759345	14.89	S2	96	143	-81.11	-128.11	47	179		1
LM-9290	27872	405539	759345	14.89	SA	96	143	-81.11	-128.11	47	179		1
LM-9290	27872	405539	759345	14.89	S1	143	143	-128.11	-128.11	0	179	Unit absent - data used to constrain the interpolation of the surface	-1
LM-9290	27872	405539	759345	14.89	H2	143	239	-128.11	-224.11	96	179		1
LM-9290	27872	405539	759345	14.89	HM	239	365	-224.11	-350.11	126	179		1
LM-9290	27872	405539	759345	14.89	H3	365	557	-350.11	-542.11	192	179		1
LM-931	26766	429321.146	771477.571	18.83	WT	0	3	18.83	15.83	3	133		1
LM-931	26766	429321.146	771477.571	18.83	TC	3	24	15.83	-5.17	21	133		1
LM-931	26766	429321.146	771477.571	18.83	LT	24	156	-5.17	-137.17	132	133		1
LM-931	26766	429321.146	771477.571	18.83	H1	156	204	-137.17	-185.17	48	96		1
LM-931	26766	429321.146	771477.571	18.83	SA	204	290	-185.17	-271.17	86	96		1
LM-933	28614	429500	773000	9.88	WT	0	12	9.88	-2.12	12	133		1
LM-933	28614	429500	773000	9.88	TC	12	12	-2.12	-2.12	0	133	Unit absent - data used to constrain the interpolation of the surface	-1
LM-933	28614	429500	773000	9.88	LT	12	154	-2.12	-144.12	142	133		1
LM-933	28614	429500	773000	9.88	H1	154	196	-144.12	-186.12	42	133		1
LM-933	28614	429500	773000	9.88	SA	196		-186.12			133		1
LM-934	28248	428665.309	771388.14	20.86	WT	0	12	20.86	8.86	12	133		1
LM-934	28248	428665.309	771388.14	20.86	LT	12	154	8.86	-133.14	142	133		1
LM-934	28248	428665.309	771388.14	20.86	H1	154	202	-133.14	-181.14	48	133		1
LM-934	28248	428665.309	771388.14	20.86	SA	202		-181.14			133		1
LM-936	28615	429630	774950	8.82	WT	0	20	8.82	-11.18	20	133		1
LM-936	28615	429630	774950	8.82	TC	20	20	-11.18	-11.18	0	133	Unit absent - data used to constrain the interpolation of the surface	-1
LM-936	28615	429630	774950	8.82	LT	20	120	-11.18	-111.18	100	133		1
LM-936	28615	429630	774950	8.82	H1	120	176	-111.18	-167.18	56	133		1
LM-936	28615	429630	774950	8.82	SA	176		-167.18			133		1
LM-938	28616	426006	770396	4.32	WT	0	5	4.32	-0.68	5	133		1
LM-938	28616	426006	770396	4.32	TC	5	25	-0.68	-20.68	20	133		1
LM-938	28616	426006	770396	4.32	LT	25	132	-20.68	-127.68	107	133		1
LM-938	28616	426006	770396	4.32	H1	132	180	-127.68	-175.68	48	133		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
LM-938	28616	426006	770396	4.32	SA	180		-175.68			133		1
LM-940	28617	427789	770208	5.77	WT	0	10	5.77	-4.23	10	133		1
LM-940	28617	427789	770208	5.77	TC	10	32	-4.23	-26.23	22	133		1
LM-940	28617	427789	770208	5.77	LT	32	152	-26.23	-146.23	120	133		1
LM-940	28617	427789	770208	5.77	H1	152	204	-146.23	-198.23	52	133		1
LM-940	28617	427789	770208	5.77	SA	204		-198.23			133		1
LS-6043	28353	466333.506	795844.634	31.4	H1	57	99	-25.6	-67.6	42	102		1
LS-6092	28354	464699.704	792526.026	30.35	WT	0	39	30.35	-8.65	39	102		1
LS-6092	28354	464699.704	792526.026	30.35	LT	39	47	-8.65	-16.65	8	102		1
LS-6093	28355	463076.779	792812.145	30.21	H1	45	85	-14.79	-54.79	40	102		1
LS-6093	28355	463076.779	792812.145	30.21	SA	85		-54.79			102		1
LS-6097	28356	456129.527	789815.498	29.86	WT	0	52	29.86	-22.14	52	102		1
LS-6097	28356	456129.527	789815.498	29.86	LT	52	104	-22.14	-74.14	52	102		1
LS-6098	28357	462107.811	794252.444	30	WT	0	32	30	-2	32	102		1
LS-6098	28357	462107.811	794252.444	30	LT	32	45	-2	-15	13	102		1
LS-6101	28359	459957.636	792493.402	29.83	H1	53	95	-23.17	-65.17	42	102		1
LS-6102	28360	456185.514	792414.271	29.94	WT	0	55	29.94	-25.06	55	102		1
LS-6102	28360	456185.514	792414.271	29.94	LT	55	87	-25.06	-57.06	32	102		1
LS-6102	28360	456185.514	792414.271	29.94	H1	87	134	-57.06	-104.06	47	102		1
LS-6107	28363	462789.631	795551.843	26.72	WT	0	39	26.72	-12.28	39	102		1
LS-6107	28363	462789.631	795551.843	26.72	LT	39	55	-12.28	-28.28	16	102		1
LS-6109	28364	457569.006	789911.656	29.61	WT	0	42	29.61	-12.39	42	102		1
LS-6109	28364	457569.006	789911.656	29.61	LT	42	86	-12.39	-56.39	44	102		1
LS-6109	28364	457569.006	789911.656	29.61	H1	86	132	-56.39	-102.39	46	102		1
LS-6109	28364	457569.006	789911.656	29.61	SA	132		-102.39			102		1
LS-6110	28365	460557.861	789128.214	28.78	WT	0	40	28.78	-11.22	40	102		1
LS-6110	28365	460557.861	789128.214	28.78	LT	40	65	-11.22	-36.22	25	102		1
LS-6114	28368	455979.656	786962.723	32.67	WT	0	62	32.67	-29.33	62	102		1
LS-6114	28368	455979.656	786962.723	32.67	LT	62	130	-29.33	-97.33	68	102		1
LS-6116	28369	456133.271	788313.006	29.42	WT	0	67	29.42	-37.58	67	102		1
LS-6116	28369	456133.271	788313.006	29.42	LT	67	120	-37.58	-90.58	53	102		1
LS-6117	28370	457925.898	786995.9	30.17	WT	0	70	30.17	-39.83	70	102		1
LS-6117	28370	457925.898	786995.9	30.17	LT	70	115	-39.83	-84.83	45	102		1
LS-6119	28372	462063.618	788230.65	29.83	WT	0	47	29.83	-17.17	47	102		1
LS-6119	28372	462063.618	788230.65	29.83	LT	47	62	-17.17	-32.17	15	102		1
LS-6122	28375	462513.133	789961.26	27.1	WT	0	35	27.1	-7.9	35	102		1
LS-6122	28375	462513.133	789961.26	27.1	LT	35	55	-7.9	-27.9	20	102		1
LS-6123	28376	463999.703	789633.338	29.88	WT	0	23	29.88	6.88	23	102		1
LS-6123	28376	463999.703	789633.338	29.88	LT	23	44	6.88	-14.12	21	102		1
LS-6124	28377	463448.179	788230.331	29.17	WT	0	45	29.17	-15.83	45	102		1
LS-6124	28377	463448.179	788230.331	29.17	LT	45	58	-15.83	-28.83	13	102		1
LS-6125	28378	464565.561	788213.102	29.42	WT	0	27	29.42	2.42	27	102		1
LS-6125	28378	464565.561	788213.102	29.42	LT	27	50	2.42	-20.58	23	102		1
LS-6126	28379	466419.721	788392.491	29.97	H1	48	95	-18.03	-65.03	47	102		1
LS-6126	28379	466419.721	788392.491	29.97	SA	95		-65.03			102		1
LS-6129	28381	464882.639	795590.715	29.51	WT	0	34	29.51	-4.49	34	102		1
LS-6129	28381	464882.639	795590.715	29.51	LT	34	45	-4.49	-15.49	11	102		1
LS-6130	28382	465275.591	790917.943	30.09	H1	52	100	-21.91	-69.91	48	102		1
LS-6131	28383	460275.204	786960.644	30.71	WT	0	53	30.71	-22.29	53	102		1
LS-6131	28383	460275.204	786960.644	30.71	LT	53	112	-22.29	-81.29	59	102		1
LS-6131	28383	460275.204	786960.644	30.71	H1	112	162	-81.29	-131.29	50	102		1
LS-6133	28384	456116.181	775560.267	28.27	WT	0	58	28.27	-29.73	58	102		1
LS-6133	28384	456116.181	775560.267	28.27	LT	58		-29.73			102		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
LS-6134	28385	460604.428	785081.024	30.44	WT	0	39	30.44	-8.56	39	102		1
LS-6134	28385	460604.428	785081.024	30.44	LT	39	130	-8.56	-99.56	91	102		1
LS-6135	28386	460648.297	781621.51	28.45	WT	0	67	28.45	-38.55	67	102		1
LS-6135	28386	460648.297	781621.51	28.45	LT	67	115	-38.55	-86.55	48	102		1
LS-6135	28386	460648.297	781621.51	28.45	H1	115	175	-86.55	-146.55	60	102		1
LS-6135	28386	460648.297	781621.51	28.45	SA	175		-146.55			102		1
LS-6149	28388	457243.938	785726.87	28.92	WT	0	56	28.92	-27.08	56	102		1
LS-6149	28388	457243.938	785726.87	28.92	LT	56	158	-27.08	-129.08	102	102		1
LS-6150	28389	459026.555	785730.583	30.34	WT	0	49	30.34	-18.66	49	102		1
LS-6150	28389	459026.555	785730.583	30.34	LT	49	134	-18.66	-103.66	85	102		1
LS-6151	28390	466111.771	780566.535	30.31	WT	0	46	30.31	-15.69	46	102		1
LS-6151	28390	466111.771	780566.535	30.31	LT	46	111	-15.69	-80.69	65	102		1
LS-6151	28390	466111.771	780566.535	30.31	H1	111	203	-80.69	-172.69	92	102		1
LS-6151	28390	466111.771	780566.535	30.31	SA	203		-172.69			102		1
LS-6158	28392	462761.592	782362.964	31.33	WT	0	66	31.33	-34.67	66	102		1
LS-6158	28392	462761.592	782362.964	31.33	LT	66	97	-34.67	-65.67	31	102		1
LS-6159	28393	459025.11	780774.868	28.98	WT	0	88	28.98	-59.02	88	102		1
LS-6159	28393	459025.11	780774.868	28.98	LT	88	173	-59.02	-144.02	85	102		1
LS-6160	28394	458189.606	778173.711	29.2	WT	0	106	29.2	-76.8	106	102		1
LS-6160	28394	458189.606	778173.711	29.2	LT	106	190	-76.8	-160.8	84	102		1
LS-6161	28395	458431.546	784400.544	30.11	WT	0	97	30.11	-66.89	97	102		1
LS-6161	28395	458431.546	784400.544	30.11	LT	97	181	-66.89	-150.89	84	102		1
LS-6162	28396	459620.25	783292.348	30.05	WT	0	69	30.05	-38.95	69	102		1
LS-6162	28396	459620.25	783292.348	30.05	LT	69	135	-38.95	-104.95	66	102		1
LS-6165	28399	463409.884	787012.782	29.82	WT	0	40	29.82	-10.18	40	102		1
LS-6165	28399	463409.884	787012.782	29.82	LT	40	72	-10.18	-42.18	32	102		1
LS-6166	28400	460964.853	779348.166	29.03	WT	0	75	29.03	-45.97	75	102		1
LS-6166	28400	460964.853	779348.166	29.03	LT	75	118	-45.97	-88.97	43	102		1
LS-6168	28402	459093.515	775594.676	29.12	WT	0	55	29.12	-25.88	55	102		1
LS-6168	28402	459093.515	775594.676	29.12	LT	55	125	-25.88	-95.88	70	102		1
LS-6170	28404	465478.779	776837.484	28.88	H1	81	204	-52.12	-175.12	123	102		1
LS-6172	28405	472068.689	763879.775	21.57	WT	0	48	21.57	-26.43	48	102		1
LS-6172	28405	472068.689	763879.775	21.57	LT	48	173	-26.43	-151.43	125	102		1
LS-6172	28405	472068.689	763879.775	21.57	H1	173	215	-151.43	-193.43	42	102		1
LS-6172	28405	472068.689	763879.775	21.57	SA	215		-193.43			102		1
LS-6176	28407	457661.062	781708.214	31.02	WT	0	53	31.02	-21.98	53	102		1
LS-6176	28407	457661.062	781708.214	31.02	LT	53	175	-21.98	-143.98	122	102		1
LS-6180	28408	462746.862	777976.808	28.79	WT	0	57	28.79	-28.21	57	102		1
LS-6180	28408	462746.862	777976.808	28.79	LT	57	92	-28.21	-63.21	35	102		1
LS-6182	28409	469348.85	774112.058	28.92	WT	0	53	28.92	-24.08	53	102		1
LS-6182	28409	469348.85	774112.058	28.92	LT	53	88	-24.08	-59.08	35	102		1
LS-6182	28409	469348.85	774112.058	28.92	H1	88	179	-59.08	-150.08	91	102		1
LS-6182	28409	469348.85	774112.058	28.92	SA	179		-150.08			102		1
LS-6185	28410	461945.038	775545.061	29.72	WT	0	37	29.72	-7.28	37	102		1
LS-6185	28410	461945.038	775545.061	29.72	LT	37	88	-7.28	-58.28	51	102		1
LS-6186	28411	465685.743	775582.478	30.04	WT	0	37	30.04	-6.96	37	102		1
LS-6186	28411	465685.743	775582.478	30.04	LT	37	81	-6.96	-50.96	44	102		1
LS-6188	28413	451752.997	775351.03	29.35	WT	0	72	29.35	-42.65	72	103		1
LS-6188	28413	451752.997	775351.03	29.35	LT	72		-42.65			103		1
LS-6191	28415	451235.226	783229.415	28.92	WT	0	32	28.92	-3.08	32	103		1
LS-6191	28415	451235.226	783229.415	28.92	LT	32	139	-3.08	-110.08	107	103		1
LS-6191	28415	451235.226	783229.415	28.92	H1	139		-110.08			103		1
LS-6192	28416	452113.258	787781.036	29.5	WT	0	51	29.5	-21.5	51	103		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
LS-6192	28416	452113.258	787781.036	29.5	LT	51	116	-21.5	-86.5	65	103		1
LS-6192	28416	452113.258	787781.036	29.5	H1	116	164	-86.5	-134.5	48	103		1
LS-6192	28416	452113.258	787781.036	29.5	SA	164		-134.5			103		1
LS-6216	28417	432321.642	769646.002	19.64	WT	0	56	19.64	-36.36	56	104		1
LS-6216	28417	432321.642	769646.002	19.64	TC	56	68	-36.36	-48.36	12	104		1
LS-6216	28417	432321.642	769646.002	19.64	LT	68	184	-48.36	-164.36	116	104		1
LS-6216	28417	432321.642	769646.002	19.64	H1	184	249	-164.36	-229.36	65	104		1
LS-6226	28418	436461.346	750903.833	18.16	WT	0	25	18.16	-6.84	25	104		1
LS-6226	28418	436461.346	750903.833	18.16	TC	25	45	-6.84	-26.84	20	104		1
LS-6226	28418	436461.346	750903.833	18.16	LT	45	104	-26.84	-85.84	59	104		1
LS-6226	28418	436461.346	750903.833	18.16	H1	104	171	-85.84	-152.84	67	104		1
LS-6226	28418	436461.346	750903.833	18.16	SA	171		-152.84			104		1
LS-6229	28419	454630.647	786429.981	30.06	H1	136	170	-105.94	-139.94	34	103		1
LS-6229	28419	454630.647	786429.981	30.06	SA	170		-139.94			103		1
LS-6337	28420	433680.684	764695.146	19.23	H1	100	252	-80.77	-232.77	152	104		1
MARIA-P1	27793	511808.797	723663.586	20.35	WT	0	30	20.35	-9.65	30	42		1
MARIA-P1	27793	511808.797	723663.586	20.35	TC	30	64	-9.65	-43.65	34	42		1
MARIA-P1	27793	511808.797	723663.586	20.35	LT	64		-43.65			42		1
MARIA-P3	27795	512254.589	722044.571	20.35	WT	0	30	20.35	-9.65	30	42		1
MARIA-P3	27795	512254.589	722044.571	20.35	TC	30	56	-9.65	-35.65	26	42		1
MARIA-P3	27795	512254.589	722044.571	20.35	LT	56	80	-35.65	-59.65	24	42		1
MARIA-P3	27795	512254.589	722044.571	20.35	H1	80		-59.65			42		1
MC-5000	25806	433700	694940	12	WT	0	18	12	-6	18	106		1
MC-5000	25806	433700	694940	12	LT	18	194	-6	-182	176	106		1
MC-5000	25806	433700	694940	12	S2	194	227	-182	-215	33	106		1
MC-5000	25806	433700	694940	12	SA	194	268	-182	-256	74	106		1
MC-5000	25806	433700	694940	12	S1	227	268	-215	-256	41	106		1
MC-5000	25806	433700	694940	12	H2	268	379	-256	-367	111	106		1
MC-5000	25806	433700	694940	12	HM	379	521	-367	-509	142	106		1
MC-5001	25787	482346.269	720668.822	18	WT	0	20	18	-2	20	106		1
MC-5001	25787	482346.269	720668.822	18	TC	20	42	-2	-24	22	106		1
MC-5001	25787	482346.269	720668.822	18	LT	42	70	-24	-52	28	106		1
MC-5001	25787	482346.269	720668.822	18	S2	70	110	-52	-92	40	106		1
MC-5001	25787	482346.269	720668.822	18	SA	70	174	-52	-156	104	106		1
MC-5001	25787	482346.269	720668.822	18	S1	144	174	-126	-156	30	106		1
MC-5001	25787	482346.269	720668.822	18	H2	174	289	-156	-271	115	106		1
MC-5001	25787	482346.269	720668.822	18	HM	289	413	-271	-395	124	106		1
MC-5001	25787	482346.269	720668.822	18	H3	413	594	-395	-576	181	106		1
MC-5002	25788	474163.801	679913.522	13	H1	135	135	-122	-122	0	106		1
MC-5002	25788	474163.801	679913.522	13	SA	135	278	-122	-265	143	106		1
MC-5002	25788	474163.801	679913.522	13	S1	252	278	-239	-265	26	107		1
MC-5002	25788	474163.801	679913.522	13	H2	278	394	-265	-381	116	106		1
MC-5002	25788	474163.801	679913.522	13	HM	394	509	-381	-496	115	106		1
MC-5002	25788	474163.801	679913.522	13	H3	509	523	-496	-510	14	106		1
MC-5004	25789	460763.284	697338.912	14	LT	80	118	-66	-104	38	106	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
MC-5004	25789	460763.284	697338.912	14	SA	118	198	-104	-184	80	106		1
MC-5004	25789	460763.284	697338.912	14	H2	198	390	-184	-376	192	106		1
MC-5004	25789	460763.284	697338.912	14	HM	390	489	-376	-475	99	106		1
MC-5004	25789	460763.284	697338.912	14	H3	489	687	-475	-673	198	106		1
MC-5065	25887	431156.13	673865	10	TC	30	38	-20	-28	8	169		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
MC-5065	25887	431156.13	673865	10	LT	38	175	-28	-165	137	169		1
MC-5065	25887	431156.13	673865	10	SA	175		-165			169		1
MHPUD_LT	28868	427996	697900	12.4	LT	80		-67.6			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
MIU_DMW1	27380	418501.641	591506.133	6.54	WT	0	40	6.54	-33.46	40	100		1
MIU_DMW1	27380	418501.641	591506.133	6.54	LT	40	120	-33.46	-113.46	80	100		1
MIU_DMW1	27380	418501.641	591506.133	6.54	SA	120		-113.46			100		1
MIU_DMW1	27380	418501.641	591506.133	6.54	H3	640	690	-633.46	-683.46	50	100		1
ML_ASR-8	27635	427656	630733	12	HM	300	540	-288	-528	240	176		1
ML_ASR-9	27816	428479.505	631334.305	6.99	WT	0	63	6.99	-56.01	63	181		1
ML_ASR-9	27816	428479.505	631334.305	6.99	LT	63	125	-56.01	-118.01	62	181		1
ML_ASR-9	27816	428479.505	631334.305	6.99	H1	125	156	-118.01	-149.01	31	181		1
ML_ASR-9	27816	428479.505	631334.305	6.99	SA	156	194	-149.01	-187.01	38	181		1
ML_ASR-9	27816	428479.505	631334.305	6.99	H2	194	300	-187.01	-293.01	106	181		1
ML_ASR-9	27816	428479.505	631334.305	6.99	HM	300	550	-293.01	-543.01	250	181		1
ML_ASR-9	27816	428479.505	631334.305	6.99	H3	550	575	-543.01	-568.01	25	181		1
MLV_WT	28885	528785	696655	14.3	WT	0	30	14.3	-15.7	30	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
MO-177	26319	678362.65	514568.056	6	LT	0	78	6	-72	78	68		1
MO-177	26319	678362.65	514568.056	6	WT	0	0	6	6	0	68		1
MO-177	26319	678362.65	514568.056	6	H1	78	105	-72	-99	27	136		1
MO-177	26319	678362.65	514568.056	6	SA	105	126	-99	-120	21	136		1
MO-177	26319	678362.65	514568.056	6	S2	105	126	-99	-120	21	136		1
MO-177	26319	678362.65	514568.056	6	H2	126		-120			136		1
MO-178	26312	697269.853	534671.549	10	WT	0	25	10	-15	25	136		1
MO-178	26312	697269.853	534671.549	10	TC	25	48	-15	-38	23	136		1
MO-178	26312	697269.853	534671.549	10	LT	48	126	-38	-116	78	136		1
MO-178	26312	697269.853	534671.549	10	H1	126	130	-116	-120	4	136		1
MO-178	26312	697269.853	534671.549	10	S2	130	148	-120	-138	18	136		1
MO-178	26312	697269.853	534671.549	10	SA	130	148	-120	-138	18	136		1
MO-178	26312	697269.853	534671.549	10	H2	148		-138			136		1
MO-178	26312	697269.853	534671.549	10	S1	148	148	-138	-138	0	136	Unit absent - data used to constrain the interpolation of the surface	-1
MO-179	28348	636604.078	518871.929	6	WT	0	5	6	1	5	136		1
MO-179	28348	636604.078	518871.929	6	LT	5	56	1	-50	51	136		1
MO-6	13886	529991.791	135788.103	99	HM	250	330	-151	-231	80	33		1
MO-6	13886	529991.791	135788.103	99	H3	330	650	-231	-551	320	33		1
MOOBAYA_WT	28882	390534	672106	8.31	WT	0	42	8.31	-33.69	42	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
MV-IA2	28425	519903	904185	40	WT	0	55	40	-15	55	73		1
MV-IA2	28425	519903	904185	40	H2	55	320	-15	-280	265	73		1
MV-IA2	28425	519903	904185	40	LT	55	55	-15	-15	0	73	Unit absent - data used to constrain the interpolation of the surface	-1
MV-IA2	28425	519903	904185	40	H2	170	320	-130	-280	150	73		1
MV-IA2	28425	519903	904185	40	HM	320	465	-280	-425	145	73		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
MV-IA2	28425	519903	904185	40	H3	465	600	-425	-560	135	73		1
NAPLES-EW1	27787	397675.72	661538.047	2	WT	0	20	2	-18	20	178		1
NAPLES-EW1	27787	397675.72	661538.047	2	TC	20	65	-18	-63	45	178		1
NAPLES-EW1	27787	397675.72	661538.047	2	LT	65	130	-63	-128	65	178		1
NAPLES-EW1	27787	397675.72	661538.047	2	H1	130	200	-128	-198	70	178		1
NAPLES-EW1	27787	397675.72	661538.047	2	SA	200	227	-198	-225	27	178		1
NAPLES-EW1	27787	397675.72	661538.047	2	S1	200	227	-198	-225	27	178		1
NAPLES-EW1	27787	397675.72	661538.047	2	S2	200	200	-198	-198	0	178	Unit absent - data used to constrain the interpolation of the surface	-1
NAPLES-EW1	27787	397675.72	661538.047	2	H2	227	332	-225	-330	105	178		1
NAPLES-EW1	27787	397675.72	661538.047	2	HM	332	547	-330	-545	215	178		1
NAPLES-EW1	27787	397675.72	661538.047	2	H3	547	572	-545	-570	25	178		1
NCC-IW2	27754	329931.737	859126.835	13	WT	0	50	13	-37	50	124		1
NCWRF-IW2	26865	398138.951	701823.272	5.34	TC	10	50	-4.66	-44.66	40	173		1
NCWRF-IW2	26865	398138.951	701823.272	5.34	HM	250	470	-244.66	-464.66	220	173		1
NCWRF-IW2	26865	398138.951	701823.272	5.34	H3	470	620	-464.66	-614.66	150	173		1
NLCPW-1	27837	398370.773	872880.966	17.7	H1	20	70	-2.3	-52.3	50	115		1
NLCPW-6	27841	394550.681	871855.648	15.85	WT	0	25	15.85	-9.15	25	115		1
NLCPW-6	27841	394550.681	871855.648	15.85	H1	25	75	-9.15	-59.15	50	115		1
NLCPW-6	27841	394550.681	871855.648	15.85	SA	75	130	-59.15	-114.15	55	115		1
NLCPW-6	27841	394550.681	871855.648	15.85	H2	130	240	-114.15	-224.15	110	115		1
NLCPW-6	27841	394550.681	871855.648	15.85	HM	240	395	-224.15	-379.15	155	115		1
NLCPW-6	27841	394550.681	871855.648	15.85	H3	395	460	-379.15	-444.15	65	115		1
NNB_LT	28869	414740	701315	12.46	LT	80		-67.54			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
OKF-100	22904	698055	1025471	19.22	WT	0	145	19.22	-125.78	145	137		1
OKF-100	22904	698055	1025471	19.22	LT	145	145	-125.78	-125.78	0	137	Unit absent - data used to constrain the interpolation of the surface	-1
OKF-100	22904	698055	1025471	19.22	H3	145	562	-125.78	-542.78	417	137		1
P-885	28295	599945	633896.307	12.5	LT	30	90	-17.5	-77.5	60	136		1
PB-ASR1	27786	391124.957	693928.905	10.21	WT	0	22	10.21	-11.79	22	142		1
PB-ASR1	27786	391124.957	693928.905	10.21	TC	22	40	-11.79	-29.79	18	142		1
PB-ASR1	27786	391124.957	693928.905	10.21	LT	40	94	-29.79	-83.79	54	142		1
PB-ASR1	27786	391124.957	693928.905	10.21	SA	94	161	-83.79	-150.79	67	142		1
PB-ASR1	27786	391124.957	693928.905	10.21	S2	94	110	-83.79	-99.79	16	142		1
PB-ASR1	27786	391124.957	693928.905	10.21	S1	142	161	-131.79	-150.79	19	142		1
PB-ASR1	27786	391124.957	693928.905	10.21	H2	161	310	-150.79	-299.79	149	142		1
PB-ASR1	27786	391124.957	693928.905	10.21	HM	270		-259.79			142		1
POP_LT	28871	582191	715108	18.88	LT	60	80	-41.12	-61.12	20	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
PRC_LT	28870	425243	694132	12.18	LT	70	100	-57.82	-87.82	30	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
PRR_WT	28883	403452	682836	10.54	WT	0	40	10.54	-29.46	40	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
PWPW-RO2	27874	408232	765189	16.86	WT	0	4	16.86	12.86	4	179		1
PWPW-RO2	27874	408232	765189	16.86	LT	4	31	12.86	-14.14	27	179		1
PWPW-RO2	27874	408232	765189	16.86	H1	31	83	-14.14	-66.14	52	179		1
PWPW-RO2	27874	408232	765189	16.86	S2	83	127	-66.14	-110.14	44	179		1
PWPW-RO2	27874	408232	765189	16.86	SA	83	127	-66.14	-110.14	44	179		1
PWPW-RO2	27874	408232	765189	16.86	H2	127	221	-110.14	-204.14	94	179		1
PWPW-RO2	27874	408232	765189	16.86	S1	127	127	-110.14	-110.14	0	179	Unit absent - data used to constrain the interpolation of the surface	-1
PWPW-RO2	27874	408232	765189	16.86	HM	221	346	-204.14	-329.14	125	179		1
PWPW-RO2	27874	408232	765189	16.86	H3	346		-329.14			179		1
RANLIV_WT	28894	511338	795630	33.8	WT	0	35	33.8	-1.2	35	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
RANLIV_WT	28894	511338	795630	33.8	LT	35		-1.2			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
RAWL_SA	28735	460351.251	879814.925	19	WT	0	31	19	-12	31	148		1
RAWL_SA	28735	460351.251	879814.925	19	LT	31	31	-12	-12	0	148	Unit absent - data used to constrain the interpolation of the surface	-1
RAWL_SA	28735	460351.251	879814.925	19	H1	31	83	-12	-64	52	148		1
RAWL_SA	28735	460351.251	879814.925	19	SA	83	160	-64	-141	77	148		1
RO-109N	27893	443356	695134	12.19	TC	38	40	-25.81	-27.81	2	169		1
RO-109N	27893	443356	695134	12.19	LT	40	120	-27.81	-107.81	80	169		1
RO-115N	27887	452584	695517	13.15	WT	0	40	13.15	-26.85	40	147		1
RO-115N	27887	452584	695517	13.15	TC	40	65	-26.85	-51.85	25	147		1
RO-115N	27887	452584	695517	13.15	LT	65	115	-51.85	-101.85	50	147		1
RO-115N	27887	452584	695517	13.15	SA	115	250	-101.85	-236.85	135	147		1
RO-115N	27887	452584	695517	13.15	H2	250		-236.85			147		1
ROMP11	13800	351254.576	962043.207	13.3	WT	0	20	13.3	-6.7	20	152		1
ROMP11	13800	351254.576	962043.207	13.3	H2	20	232	-6.7	-218.7	212	152		1
ROMP11	13800	351254.576	962043.207	13.3	HM	213	232	-199.7	-218.7	19	152		1
ROMP11	13800	351254.576	962043.207	13.3	H3	232		-218.7			152		1
ROMP12	26124	414514.228	984827.335	41	WT	0	25	41	16	25	154		1
ROMP12	26124	414514.228	984827.335	41	H1	25	57	16	-16	32	154		1
ROMP12	26124	414514.228	984827.335	41	LT	25	25	16	16	0	154	Unit absent - data used to constrain the interpolation of the surface	-1
ROMP12	26124	414514.228	984827.335	41	S2	57	57	-16	-16	0	154	Unit absent - data used to constrain the interpolation of the surface	-1
ROMP12	26124	414514.228	984827.335	41	S1	57	106	-16	-65	49	154		1
ROMP12	26124	414514.228	984827.335	41	SA	57	106	-16	-65	49	154		1
ROMP12	26124	414514.228	984827.335	41	H2	106	274	-65	-233	168	154		1
ROMP12	26124	414514.228	984827.335	41	HM	274	406	-233	-365	132	154		1
ROMP12	26124	414514.228	984827.335	41	H3	406	557	-365	-516	151	154		1
ROWLAND22	21559	484584	904904	42.74	WT	0	5	42.74	37.74	5	151		1
ROWLAND22	21559	484584	904904	42.74	LT	5	15	37.74	27.74	10	151		1
ROWLAND22	21559	484584	904904	42.74	H1	15	120	27.74	-77.26	105	151		1
ROWLAND22	21559	484584	904904	42.74	SA	120		-77.26			151		1
ROWLAND22	21559	484584	904904	42.74	S1	120		-77.26			151		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
RRFARM_SA	28736	528754	838448	27.92	WT	0	6	27.92	21.92	6	148		1
RRFARM_SA	28736	528754	838448	27.92	TC	6	12	21.92	15.92	6	148		1
RRFARM_SA	28736	528754	838448	27.92	LT	12	16	15.92	11.92	4	148		1
RRFARM_SA	28736	528754	838448	27.92	H1	16	138	11.92	-110.08	122	148		1
RRFARM_SA	28736	528754	838448	27.92	SA	138		-110.08			148		1
RTA-005	22155	513675.801	809199.729	34	WT	0	25	34	9	25	151		1
RTA-005	22155	513675.801	809199.729	34	TC	25	40	9	-6	15	151		1
RTA-005	22155	513675.801	809199.729	34	LT	40	60	-6	-26	20	151		1
RTA-005	22155	513675.801	809199.729	34	H1	60	90	-26	-56	30	151		1
RTA-005	22155	513675.801	809199.729	34	S2	90	130	-56	-96	40	151		1
RTA-005	22155	513675.801	809199.729	34	SA	90	190	-56	-156	100	151		1
RTA-005	22155	513675.801	809199.729	34	S1	150	190	-116	-156	40	151		1
RTA-005	22155	513675.801	809199.729	34	H2	190	335	-156	-301	145	151		1
RTA-005	22155	513675.801	809199.729	34	HM	335		-301			151		1
SCRWWTPIW2	26862	418592.822	640879.142	4.27	WT	0	10	4.27	-5.73	10	23		1
SCRWWTPIW2	26862	418592.822	640879.142	4.27	HM	310	580	-305.73	-575.73	270	23		1
SCRWWTPIW2	26862	418592.822	640879.142	4.27	H3	580	650	-575.73	-645.73	70	23		1
SS6_WT	28872	525146	706026	15.19	WT	33	37	-17.81	-21.81	4	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
SWCC-DZMW1	27961	323829.135	821341.912	7.9	H3	420	460	-412.1	-452.1	40	125		1
TCU808_SA	28752	419971	895971	26.64	SA	141	216	-114.36	-189.36	75	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
TCU-PS2_SA	28753	410218	898510	28.22	SA	135	180	-106.78	-151.78	45	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
TMC_HM	28724	415575	832389	21.88	HM	200		-178.12			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
TREVISO_WT	28891	415852	630986	2.02	WT	0	4	2.02	-1.98	4	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
TUCKERS_G	13794	408353.633	917935.835	34	WT	0	55	34	-21	55	18		1
TUCKERS_G	13794	408353.633	917935.835	34	H1	55	150	-21	-116	95	18		1
TUCKERS_G	13794	408353.633	917935.835	34	SA	150		-116			18		1
USEPPA-EX1	28678	259624.877	847900.514	2	WT	0	17	2	-15	17	21		1
USEPPA-EX1	28678	259624.877	847900.514	2	TC	17	50	-15	-48	33	21		1
USEPPA-EX1	28678	259624.877	847900.514	2	LT	50	60	-48	-58	10	21		1
USEPPA-EX1	28678	259624.877	847900.514	2	H1	60	84	-58	-82	24	21		1
USEPPA-EX1	28678	259624.877	847900.514	2	SA	84	148	-82	-146	64	21		1
USEPPA-EX1	28678	259624.877	847900.514	2	S2	84	148	-82	-146	64	21		1
USEPPA-EX1	28678	259624.877	847900.514	2	H2	148	158	-146	-156	10	21		1
USEPPA-EX1	28678	259624.877	847900.514	2	S1	148	148	-146	-146	0	21	Unit absent - data used to constrain the interpolation of the surface	-1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
USEPPA-EX1	28678	259624.877	847900.514	2	HM	158		-156			21		1
VIS_HM	28729	442523	822353	25.37	HM	200		-174.63			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
W-10018	26245	671258.471	696185.205	14	LT	60	150	-46	-136	90	138		1
W-10075	15412	695553.922	710536.977	13	WT	0	30	13	-17	30	6		1
W-10075	15412	695553.922	710536.977	13	TC	30	50	-17	-37	20	6		1
W-10075	15412	695553.922	710536.977	13	LT	50	180	-37	-167	130	136		1
W-10075	15412	695553.922	710536.977	13	SA	180		-167			147	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
W-10479	11992	464693.223	800812.975	30	SA	90		-60			18		1
W-10687	11994	348807.406	851890.931	13	WT	0	15	13	-2	15	81		1
W-10687	11994	348807.406	851890.931	13	H2	15	120	-2	-107	105	81		1
W-10687	11994	348807.406	851890.931	13	HM	120		-107			81		1
W-10750	15119	433004.343	920925.61	38	WT	0	25	38	13	25	61		1
W-10750	15119	433004.343	920925.61	38	H1	25		13			61		1
W-10752	15122	437559.212	925950.006	41	WT	0	27	41	14	27	61		1
W-10752	15122	437559.212	925950.006	41	H1	27		14			61		1
W-10755	15125	445734.597	930956.257	58	WT	0	30	58	28	30	61		1
W-10755	15125	445734.597	930956.257	58	H1	30		28			61		1
W-10756	15126	434884.897	933840.353	52	WT	0	36	52	16	36	61		1
W-10756	15126	434884.897	933840.353	52	H1	36		16			61		1
W-10757	15127	429724.424	933868.367	48	WT	0	34	48	14	34	61		1
W-10757	15127	429724.424	933868.367	48	H1	34	59	14	-11	25	61		1
W-10758	15128	423568.627	934003.606	40	WT	0	31	40	9	31	61		1
W-10758	15128	423568.627	934003.606	40	H1	31		9			61		1
W-11669	15138	425620.497	977008.378	48	WT	0	36	48	12	36	61		1
W-11669	15138	425620.497	977008.378	48	H2	36	205	12	-157	169	61		1
W-12562	12010	345548.308	852823.922	13	WT	0	20	13	-7	20	18		1
W-12562	12010	345548.308	852823.922	13	H1	20	70	-7	-57	50	18		1
W-12562	12010	345548.308	852823.922	13	SA	70	90	-57	-77	20	18		1
W-12562	12010	345548.308	852823.922	13	H2	90	110	-77	-97	20	18		1
W-12562	12010	345548.308	852823.922	13	HM	110		-97			18		1
W-13289	15145	234758.292	923078.335	5	WT	0	35	5	-30	35	61		1
W-14072	12021	425136.124	775668.988	23	WT	0	30	23	-7	30	79		1
W-14072	12021	425136.124	775668.988	23	TC	30	55	-7	-32	25	79		1
W-14072	12021	425136.124	775668.988	23	LT	55	60	-32	-37	5	79		1
W-14072	12021	425136.124	775668.988	23	H1	60	94	-37	-71	34	79		1
W-14600	10271	513173.981	660581.825	12.13	TC	0	2	12.13	10.13	2	169		1
W-14600	10271	513173.981	660581.825	12.13	LT	2	80	10.13	-67.87	78	169		1
W-1475	15089	341096.603	959090.252	6	WT	0	60	6	-54	60	61		1
W-1475	15089	341096.603	959090.252	6	SA	60		-54			61		1
W-14780	8339	609525.363	1016170.064	45	WT	0	120	45	-75	120	61		1
W-14780	8339	609525.363	1016170.064	45	LT	120	120	-75	-75	0	61	Unit absent - data used to constrain the interpolation of the surface	-1
W-14780	8339	609525.363	1016170.064	45	H1	120	200	-75	-155	80	61		1
W-14780	8339	609525.363	1016170.064	45	SA	200	280	-155	-235	80	61		1
W-14919	10274	552998.655	662082.24	13	TC	0	20	13	-7	20	169		1
W-14919	10274	552998.655	662082.24	13	LT	20	100	-7	-87	80	169		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
W-14919	10274	552998.655	662082.24	13	SA	100	295	-87	-282	195	147		1
W-14919	10274	552998.655	662082.24	13	H2	295	439	-282	-426	144	147		1
W-14919	10274	552998.655	662082.24	13	S1	295	295	-282	-282	0	147	Unit absent - data used to constrain the interpolation of the surface	-1
W-14919	10274	552998.655	662082.24	13	HM	439	523	-426	-510	84	147		1
W-14920	10276	502146.892	584193.351	6	WT	0	0	6	6	0	169		1
W-14920	10276	502146.892	584193.351	6	LT	0	90	6	-84	90	169		1
W-14920	10276	502146.892	584193.351	6	H1	90	130	-84	-124	40	79		1
W-14920	10276	502146.892	584193.351	6	S2	130	250	-124	-244	120	79		1
W-14920	10276	502146.892	584193.351	6	SA	130	250	-124	-244	120	79		1
W-14920	10276	502146.892	584193.351	6	S1	250	250	-244	-244	0	79	Unit absent - data used to constrain the interpolation of the surface	-1
W-14920	10276	502146.892	584193.351	6	H2	250	372	-244	-366	122	79		1
W-14920	10276	502146.892	584193.351	6	HM	372	480	-366	-474	108	79		1
W-14920	10276	502146.892	584193.351	6	H3	480	880	-474	-874	400	79		1
W-14934	10280	540231.372	590838.066	6	LT	0	80	6	-74	80	79		1
W-14934	10280	540231.372	590838.066	6	S2	80	160	-74	-154	80	79		1
W-14934	10280	540231.372	590838.066	6	SA	80	160	-74	-154	80	79		1
W-14934	10280	540231.372	590838.066	6	H2	160	430	-154	-424	270	79		1
W-14934	10280	540231.372	590838.066	6	S1	160	160	-154	-154	0	79	Unit absent - data used to constrain the interpolation of the surface	-1
W-14934	10280	540231.372	590838.066	6	HM	430	550	-424	-544	120	79		1
W-14934	10280	540231.372	590838.066	6	H3	550	690	-544	-684	140	79		1
W-15274	10283	436320.886	689381.127	12	TC	10	42	2	-30	32	169		1
W-15274	10283	436320.886	689381.127	12	LT	42	92	-30	-80	50	169		1
W-15286	12042	428507.853	844108.958	20	WT	0	21	20	-1	21	79		1
W-15286	12042	428507.853	844108.958	20	H1	21	56	-1	-36	35	79		1
W-15286	12042	428507.853	844108.958	20	SA	56	104	-36	-84	48	79		1
W-15286	12042	428507.853	844108.958	20	H2	104	214	-84	-194	110	79		1
W-15286	12042	428507.853	844108.958	20	HM	214	300	-194	-280	86	79		1
W-15286	12042	428507.853	844108.958	20	H3	300	591	-280	-571	291	79		1
W-15287	12043	449814.482	785738.319	28	WT	0	35	28	-7	35	79		1
W-15287	12043	449814.482	785738.319	28	LT	35	99	-7	-71	64	79		1
W-15287	12043	449814.482	785738.319	28	H1	99	138	-71	-110	39	79		1
W-15287	12043	449814.482	785738.319	28	SA	138	246	-110	-218	108	79		1
W-15287	12043	449814.482	785738.319	28	S2	138	194	-110	-166	56	147		1
W-15287	12043	449814.482	785738.319	28	S1	199	246	-171	-218	47	147		1
W-15287	12043	449814.482	785738.319	28	H2	246	332	-218	-304	86	79		1
W-15287	12043	449814.482	785738.319	28	HM	332		-304			79		1
W-15333	15152	288213.2	955085.872	5	WT	0	8	5	-3	8	61		1
W-15526	22942	513602.122	840802.767	28.58	WT	0	20	28.58	8.58	20	79		1
W-15526	22942	513602.122	840802.767	28.58	LT	20	40	8.58	-11.42	20	79		1
W-15526	22942	513602.122	840802.767	28.58	S1	140	180	-111.42	-151.42	40	79		1
W-15526	22942	513602.122	840802.767	28.58	H2	180	370	-151.42	-341.42	190	79		1
W-15526	22942	513602.122	840802.767	28.58	HM	370		-341.42			79		1
W-15528	10288	443605.66	689446.038	13	WT	0	25	13	-12	25	79		1
W-15528	10288	443605.66	689446.038	13	TC	25	50	-12	-37	25	79		1
W-15528	10288	443605.66	689446.038	13	LT	50	190	-37	-177	140	79		1
W-15528	10288	443605.66	689446.038	13	SA	190		-177			79		1
W-15528	10288	443605.66	689446.038	13	S2	190	250	-177	-237	60	79		1
W-15529	10289	458384.627	734001.497	25	WT	0	40	25	-15	40	79		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
W-15529	10289	458384.627	734001.497	25	TC	40	55	-15	-30	15	79		1
W-15529	10289	458384.627	734001.497	25	LT	55	130	-30	-105	75	79		1
W-15529	10289	458384.627	734001.497	25	S2	130	172	-105	-147	42	79		1
W-15529	10289	458384.627	734001.497	25	SA	130	301	-105	-276	171	79		1
W-15529	10289	458384.627	734001.497	25	S1	225	301	-200	-276	76	79		1
W-15530	10290	498332	712429	22	WT	0	50	22	-28	50	79		1
W-15530	10290	498332	712429	22	TC	50	75	-28	-53	25	79		1
W-15530	10290	498332	712429	22	LT	75	135	-53	-113	60	61		1
W-15530	10290	498332	712429	22	SA	135	270	-113	-248	135	79		1
W-15530	10290	498332	712429	22	S2	135	170	-113	-148	35	79		1
W-15530	10290	498332	712429	22	S1	232	270	-210	-248	38	79		1
W-15530	10290	498332	712429	22	H2	270	345	-248	-323	75	79		1
W-15530	10290	498332	712429	22	HM	345		-323			79		1
W-15531	10291	503574	741333.623	20	WT	0	35	20	-15	35	6		1
W-15531	10291	503574	741333.623	20	LT	35	90	-15	-70	55	6		1
W-15531	10291	503574	741333.623	20	H1	90	160	-70	-140	70	6		1
W-15531	10291	503574	741333.623	20	S2	160	208	-140	-188	48	79		1
W-15531	10291	503574	741333.623	20	SA	160	375	-140	-355	215	79		1
W-15531	10291	503574	741333.623	20	S1	310	375	-290	-355	65	79		1
W-15531	10291	503574	741333.623	20	H2	375	465	-355	-445	90	79		1
W-15531	10291	503574	741333.623	20	HM	465		-445			79		1
W-15532	15304	482219.14	843648.107	25	H1	20	50	5	-25	30	151		1
W-15532	15304	482219.14	843648.107	25	S2	50	80	-25	-55	30	151		1
W-15532	15304	482219.14	843648.107	25	SA	50	190	-25	-165	140	151		1
W-15532	15304	482219.14	843648.107	25	S1	150	190	-125	-165	40	151		1
W-15532	15304	482219.14	843648.107	25	H2	190		-165			151		1
W-15533	8340	504304.396	903537.725	46	WT	0	10	46	36	10	169		1
W-15533	8340	504304.396	903537.725	46	LT	10	20	36	26	10	169		1
W-15533	8340	504304.396	903537.725	46	H1	20	65	26	-19	45	151		1
W-15533	8340	504304.396	903537.725	46	SA	65	90	-19	-44	25	151		1
W-15533	8340	504304.396	903537.725	46	S1	65	90	-19	-44	25	151		1
W-15533	8340	504304.396	903537.725	46	S2	65	65	-19	-19	0	151	Unit absent - data used to constrain the interpolation of the surface	-1
W-15533	8340	504304.396	903537.725	46	H2	90	410	-44	-364	320	151		1
W-15533	8340	504304.396	903537.725	46	HM	410	460	-364	-414	50	151		1
W-15534	10292	447372.295	659036.945	12	WT	0	50	12	-38	50	79		1
W-15534	10292	447372.295	659036.945	12	TC	50	68	-38	-56	18	79		1
W-15534	10292	447372.295	659036.945	12	LT	68	130	-56	-118	62	79		1
W-15534	10292	447372.295	659036.945	12	SA	130	237	-118	-225	107	79		1
W-15534	10292	447372.295	659036.945	12	S2	130	172	-118	-160	42	79		1
W-15534	10292	447372.295	659036.945	12	S1	210	237	-198	-225	27	79		1
W-15535	10293	542084.775	737025.148	22	WT	0	55	22	-33	55	79		1
W-15535	10293	542084.775	737025.148	22	TC	55	85	-33	-63	30	79		1
W-15535	10293	542084.775	737025.148	22	LT	85	130	-63	-108	45	79		1
W-15535	10293	542084.775	737025.148	22	S2	130	173	-108	-151	43	151		1
W-15535	10293	542084.775	737025.148	22	SA	130	390	-108	-368	260	151		1
W-15535	10293	542084.775	737025.148	22	S1	310	390	-288	-368	80	79		1
W-15535	10293	542084.775	737025.148	22	H2	390	450	-368	-428	60	151		1
W-15535	10293	542084.775	737025.148	22	HM	450		-428			79		1
W-15556	12047	461440.069	862722.58	9.57	WT	0	4	9.57	5.57	4	169		1
W-15556	12047	461440.069	862722.58	9.57	TC	4	25	5.57	-15.43	21	169		1
W-15556	12047	461440.069	862722.58	9.57	LT	25	28	-15.43	-18.43	3	169		1
W-15557	10295	461913.833	710157.1	25	WT	0	35	25	-10	35	79		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
W-15557	10295	461913.833	710157.1	25	TC	35	68	-10	-43	33	79		1
W-15557	10295	461913.833	710157.1	25	LT	68	117	-43	-92	49	79		1
W-15557	10295	461913.833	710157.1	25	S2	117	182	-92	-157	65	79		1
W-15557	10295	461913.833	710157.1	25	SA	117	222	-92	-197	105	79		1
W-15557	10295	461913.833	710157.1	25	S1	197	222	-172	-197	25	79		1
W-15557	10295	461913.833	710157.1	25	H2	222	319	-197	-294	97	79		1
W-15557	10295	461913.833	710157.1	25	HM	319	352	-294	-327	33	79		1
W-15683	15156	222842.353	944208.652	6	WT	0	35	6	-29	35	52		1
W-15683	15156	222842.353	944208.652	6	HM	151		-145			52		1
W-15683	15156	222842.353	944208.652	6	H3	449	686	-443	-680	237	52		1
W-15880	8342	593672.596	988827.763	30	WT	0	195	30	-165	195	147		1
W-15880	8342	593672.596	988827.763	30	LT	195	195	-165	-165	0	147	Unit absent - data used to constrain the interpolation of the surface	-1
W-15880	8342	593672.596	988827.763	30	H1	195	262	-165	-232	67	147		1
W-15880	8342	593672.596	988827.763	30	SA	262	282	-232	-252	20	147		1
W-15880	8342	593672.596	988827.763	30	H2	282	578	-252	-548	296	147		1
W-15880	8342	593672.596	988827.763	30	HM	578	591	-548	-561	13	147		1
W-15880	8342	593672.596	988827.763	30	H3	591	680	-561	-650	89	147		1
W-16029	15305	563004.515	819258.273	30	WT	0	7	30	23	7	151		1
W-16029	15305	563004.515	819258.273	30	TC	7	20	23	10	13	151		1
W-16029	15305	563004.515	819258.273	30	LT	20	185	10	-155	165	151		1
W-16029	15305	563004.515	819258.273	30	H1	185	202	-155	-172	17	61		1
W-16029	15305	563004.515	819258.273	30	SA	202	222	-172	-192	20	151		1
W-16029	15305	563004.515	819258.273	30	S2	202	222	-172	-192	20	151		1
W-16029	15305	563004.515	819258.273	30	S1	222	222	-192	-192	0	151	Unit absent - data used to constrain the interpolation of the surface	-1
W-16029	15305	563004.515	819258.273	30	H2	222	342	-192	-312	120	151		-1
W-16029	15305	563004.515	819258.273	30	HM	342	401	-312	-371	59	151	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
W-16029	15305	563004.515	819258.273	30	H3	401		-371			151		-1
W-16030	15306	633621.67	800986.881	27	LT	75	120	-48	-93	45	151		1
W-16030	15306	633621.67	800986.881	27	H1	120	150	-93	-123	30	151		-1
W-16030	15306	633621.67	800986.881	27	S1	150	150	-123	-123	0	151	Unit absent - data used to constrain the interpolation of the surface	-1
W-16030	15306	633621.67	800986.881	27	SA	150	150	-123	-123	0	151	Unit absent - data used to constrain the interpolation of the surface	-1
W-16030	15306	633621.67	800986.881	27	S2	150	150	-123	-123	0	151	Unit absent - data used to constrain the interpolation of the surface	-1
W-16032	20908	593480.168	740651.849	22.93	WT	0	10	22.93	12.93	10	151		1
W-16032	20908	593480.168	740651.849	22.93	TC	10	40	12.93	-17.07	30	151		1
W-16032	20908	593480.168	740651.849	22.93	LT	40	75	-17.07	-52.07	35	151		1
W-16032	20908	593480.168	740651.849	22.93	H2	75	310	-52.07	-287.07	235	151		1
W-16032	20908	593480.168	740651.849	22.93	HM	310	400	-287.07	-377.07	90	151		1
W-16059	15308	543898.732	837479.212	27	WT	0	8	27	19	8	151		1
W-16059	15308	543898.732	837479.212	27	LT	8	22	19	5	14	151		1
W-16059	15308	543898.732	837479.212	27	H1	22	276	5	-249	254	151		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
W-16059	15308	543898.732	837479.212	27	SA	276	352	-249	-325	76	151		1
W-16059	15308	543898.732	837479.212	27	H2	352	450	-325	-423	98	151		-1
W-16059	15308	543898.732	837479.212	27	HM	450	472	-423	-445	22	151	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
W-16059	15308	543898.732	837479.212	27	H3	472		-445			151		-1
W-16077	15309	572341.981	857304.334	25	LT	77	98	-52	-73	21	151		1
W-16077	15309	572341.981	857304.334	25	H1	98	291	-73	-266	193	151		1
W-16077	15309	572341.981	857304.334	25	SA	291	320	-266	-295	29	151		1
W-16077	15309	572341.981	857304.334	25	S1	320	320	-295	-295	0	151	Unit absent - data used to constrain the interpolation of the surface	-1
W-16077	15309	572341.981	857304.334	25	H2	320		-295			151		1
W-16098	12061	368723.532	871818.255	20	WT	0	38	20	-18	38	130		1
W-16098	12061	368723.532	871818.255	20	H1	38	90	-18	-70	52	128		1
W-16098	12061	368723.532	871818.255	20	S2	90	110	-70	-90	20	128		1
W-16098	12061	368723.532	871818.255	20	SA	90	210	-70	-190	120	130		1
W-16098	12061	368723.532	871818.255	20	S1	170	210	-150	-190	40	128		1
W-16098	12061	368723.532	871818.255	20	H2	210	250	-190	-230	40	130		1
W-16098	12061	368723.532	871818.255	20	HM	250	335	-230	-315	85	130		1
W-16146	10297	415596.095	615384.167	3	LT	23	125	-20	-122	102	169		1
W-16194	10299	527911.254	772603.676	46	WT	0	40	46	6	40	169		1
W-16194	10299	527911.254	772603.676	46	LT	40	60	6	-14	20	169		1
W-16285	8914	642629.721	852676.905	18.71	WT	0	15	18.71	3.71	15	151		1
W-16285	8914	642629.721	852676.905	18.71	TC	15	35	3.71	-16.29	20	151		1
W-16285	8914	642629.721	852676.905	18.71	LT	35	140	-16.29	-121.29	105	151		1
W-16285	8914	642629.721	852676.905	18.71	SA	140	140	-121.29	-121.29	0	151		1
W-16285	8914	642629.721	852676.905	18.71	H2	140	490	-121.29	-471.29	350	151		1
W-16285	8914	642629.721	852676.905	18.71	HM	490		-471.29			151		1
W-16329	15311	611057.604	847146.071	25	SA	212	251	-187	-226	39	147		1
W-16387	8917	676825.759	853689.486	14	WT	0	97	14	-83	97	147		1
W-16387	8917	676825.759	853689.486	14	LT	97	198	-83	-184	101	147		1
W-16387	8917	676825.759	853689.486	14	H2	198	422	-184	-408	224	147		1
W-16387	8917	676825.759	853689.486	14	SA	198	198	-184	-184	0	147	Unit absent - data used to constrain the interpolation of the surface	-1
W-16387	8917	676825.759	853689.486	14	HM	422	492	-408	-478	70	147		1
W-16387	8917	676825.759	853689.486	14	H3	492		-478			147		1
W-16434	10303	555509.963	760211.005	25	LT	0	13	25	12	13	136		1
W-16434	10303	555509.963	760211.005	25	LT	13	32	12	-7	19	136		1
W-16524	8918	623953.753	747078.983	23.24	WT	0	30	23.24	-6.76	30	151		1
W-16524	8918	623953.753	747078.983	23.24	TC	30	55	-6.76	-31.76	25	136		1
W-16524	8918	623953.753	747078.983	23.24	LT	55	140	-31.76	-116.76	85	136		1
W-16524	8918	623953.753	747078.983	23.24	H2	140	392	-116.76	-368.76	252	151		1
W-16524	8918	623953.753	747078.983	23.24	HM	392		-368.76			151		1
W-16884	10306	433375	695525	14	WT	0	28	14	-14	28	162		1
W-16884	10306	433375	695525	14	TC	28	33	-14	-19	5	162		1
W-16884	10306	433375	695525	14	LT	33	160	-19	-146	127	162		1
W-16884	10306	433375	695525	14	SA	160	280	-146	-266	120	162		1
W-16884	10306	433375	695525	14	H1	160	160	-146	-146	0	162		1
W-16884	10306	433375	695525	14	H2	280	400	-266	-386	120	162		1
W-16918	12064	316174.878	866484.017	9	WT	0	10	9	-1	10	169		1
W-16918	12064	316174.878	866484.017	9	LT	10	30	-1	-21	20	169		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
W-16929	10313	526438.092	736866.813	24	WT	7	15	17	9	8	6		1
W-16929	10313	526438.092	736866.813	24	TC	15	59	9	-35	44	6		1
W-16942	12066	438526.479	728848.908	20	WT	0	65	20	-45	65	79		1
W-16942	12066	438526.479	728848.908	20	TC	65	95	-45	-75	30	79		1
W-16942	12066	438526.479	728848.908	20	LT	95	150	-75	-130	55	6		1
W-16942	12066	438526.479	728848.908	20	SA	150	310	-130	-290	160	79		1
W-16942	12066	438526.479	728848.908	20	S2	150	180	-130	-160	30	79		1
W-16942	12066	438526.479	728848.908	20	S1	270	310	-250	-290	40	79		1
W-16942	12066	438526.479	728848.908	20	H2	310	410	-290	-390	100	79		1
W-16942	12066	438526.479	728848.908	20	HM	410		-390			79		1
W-17001	12294	541152.258	1023575.288	145	WT	0	353	145	-208	353	155		1
W-17001	12294	541152.258	1023575.288	145	H2	353	459	-208	-314	106	155		1
W-17001	12294	541152.258	1023575.288	145	SA	353	353	-208	-208	0	45	Unit absent - data used to constrain the interpolation of the surface	-1
W-17001	12294	541152.258	1023575.288	145	HM	459	518	-314	-373	59	155		1
W-17001	12294	541152.258	1023575.288	145	H3	518	645	-373	-500	127	155		1
W-17035	8374	496680.022	946883.217	62	WT	0	40	62	22	40	61		1
W-17035	8374	496680.022	946883.217	62	SA	60		2			61		1
W-17035	8374	496680.022	946883.217	62	S2	60		2			61		1
W-17056	23456	282273	998464	24	WT	0	28	24	-4	28	156		1
W-17056	23456	282273	998464	24	H1	28	38	-4	-14	10	156		1
W-17056	23456	282273	998464	24	SA	38	65	-14	-41	27	156		1
W-17056	23456	282273	998464	24	H2	65	122	-41	-98	57	156		1
W-17056	23456	282273	998464	24	H3	320	545	-296	-521	225	156		1
W-17090	8375	529633.4	979483.905	72	WT	0	30	72	42	30	61		1
W-17090	8375	529633.4	979483.905	72	LT	30	30	42	42	0	61	Unit absent - data used to constrain the interpolation of the surface	-1
W-17090	8375	529633.4	979483.905	72	SA	170	170	-98	-98	0	61	Unit absent - data used to constrain the interpolation of the surface	-1
W-17360	10314	466167.556	602207.205	5	WT	0	20	5	-15	20	56		1
W-17360	10314	466167.556	602207.205	5	LT	20	111	-15	-106	91	56		1
W-17360	10314	466167.556	602207.205	5	S2	111	128	-106	-123	17	56		1
W-17360	10314	466167.556	602207.205	5	SA	111	181	-106	-176	70	56		1
W-17360	10314	466167.556	602207.205	5	S1	146	181	-141	-176	35	56		1
W-17360	10314	466167.556	602207.205	5	H2	181		-176			56		1
W-17361	10315	490240.555	597766.181	5	WT	0	17	5	-12	17	56		1
W-17361	10315	490240.555	597766.181	5	LT	17	111	-12	-106	94	56		1
W-17361	10315	490240.555	597766.181	5	SA	111		-106			56		1
W-17361	10315	490240.555	597766.181	5	S2	111	171	-106	-166	60	56		1
W-17361	10315	490240.555	597766.181	5	H2	171		-166			185		1
W-17389	10316	521119.923	608561.578	9	WT	0	4	9	5	4	185		1
W-17389	10316	521119.923	608561.578	9	TC	4	6	5	3	2	185		1
W-17389	10316	521119.923	608561.578	9	LT	6	90	3	-81	84	185		1
W-17389	10316	521119.923	608561.578	9	S2	90		-81			185		1
W-17389	10316	521119.923	608561.578	9	SA	90		-81			185		1
W-17392	12577	455829.186	995732.389	60	WT	0	19	60	41	19	4		1
W-17392	12577	455829.186	995732.389	60	H2	19	314	41	-254	295	4		1
W-17392	12577	455829.186	995732.389	60	HM	314	390	-254	-330	76	4		1
W-17392	12577	455829.186	995732.389	60	H3	390	505	-330	-445	115	4		1
W-17393	10318	537669.102	588422.069	5	LT	4	58	1	-53	54	185		1
W-17394	10319	541347.97	657738.95	13	WT	0	3	13	10	3	169		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
W-17394	10319	541347.97	657738.95	13	TC	3	5	10	8	2	169		1
W-17394	10319	541347.97	657738.95	13	LT	5	71	8	-58	66	185		1
W-17394	10319	541347.97	657738.95	13	SA	71		-58			185		1
W-17394	10319	541347.97	657738.95	13	S2	71	145	-58	-132	74	185		1
W-17450	10324	471884.359	658317.151	13	WT	0	22	13	-9	22	185		1
W-17450	10324	471884.359	658317.151	13	TC	22	29	-9	-16	7	185		1
W-17450	10324	471884.359	658317.151	13	LT	29	87	-16	-74	58	185		1
W-17450	10324	471884.359	658317.151	13	H1	87	95	-74	-82	8	185		1
W-17450	10324	471884.359	658317.151	13	SA	95	181	-82	-168	86	185		1
W-17450	10324	471884.359	658317.151	13	S2	95	140	-82	-127	45	185		1
W-17450	10324	471884.359	658317.151	13	S1	166	181	-153	-168	15	185		1
W-17450	10324	471884.359	658317.151	13	H2	181		-168			185		1
W-17454	10325	427995.17	631066.826	7	WT	0	10	7	-3	10	185		1
W-17454	10325	427995.17	631066.826	7	TC	10	21	-3	-14	11	185		1
W-17454	10325	427995.17	631066.826	7	LT	21	86	-14	-79	65	185		1
W-17454	10325	427995.17	631066.826	7	H1	122	132	-115	-125	10	185		1
W-17454	10325	427995.17	631066.826	7	S2	132	160	-125	-153	28	185		1
W-17454	10325	427995.17	631066.826	7	SA	132	181	-125	-174	49	185		1
W-17454	10325	427995.17	631066.826	7	H2	160		-153			185		1
W-17454	10325	427995.17	631066.826	7	S1	165	181	-158	-174	16	185		1
W-17488	24556	186188	992889	5	WT	0	26	5	-21	26	157		1
W-17488	24556	186188	992889	5	H1	26	65	-21	-60	39	157		1
W-17488	24556	186188	992889	5	SA	65	109	-60	-104	44	157		1
W-17488	24556	186188	992889	5	H2	109	114	-104	-109	5	157		1
W-17488	24556	186188	992889	5	HM	114	224	-109	-219	110	157		1
W-17488	24556	186188	992889	5	H3	224	250	-219	-245	26	157		1
W-17534	27735	541772.716	713975.156	18.68	WT	0	12	18.68	6.68	12	47		1
W-17534	27735	541772.716	713975.156	18.68	TC	12	27	6.68	-8.32	15	47		1
W-17534	27735	541772.716	713975.156	18.68	LT	27	49	-8.32	-30.32	22	136		1
W-17534	27735	541772.716	713975.156	18.68	S2	49	221	-30.32	-202.32	172	47		1
W-17534	27735	541772.716	713975.156	18.68	SA	49	310	-30.32	-291.32	261	47		1
W-17534	27735	541772.716	713975.156	18.68	S1	247	310	-228.32	-291.32	63	47		1
W-17534	27735	541772.716	713975.156	18.68	H2	310	370	-291.32	-351.32	60	47		1
W-17534	27735	541772.716	713975.156	18.68	HM	370	405	-351.32	-386.32	35	47		1
W-17534	27735	541772.716	713975.156	18.68	H3	405	680	-386.32	-661.32	275	47		1
W-17554	14646	718229.271	763972.859	11.14	TC	19	80	-7.86	-68.86	61	136		1
W-17554	14646	718229.271	763972.859	11.14	LT	80	92	-68.86	-80.86	12	138		1
W-17554	14646	718229.271	763972.859	11.14	H1	92		-80.86			138		1
W-17597	12578	312913.968	1019100.637	38	WT	0	38	38	0	38	67		1
W-17597	12578	312913.968	1019100.637	38	TC	37	37	1	1	0	67	Unit absent - data used to constrain the interpolation of the surface	-1
W-17597	12578	312913.968	1019100.637	38	LT	37	37	1	1	0	67		1
W-17597	12578	312913.968	1019100.637	38	H1	38	61	0	-23	23	67		1
W-17597	12578	312913.968	1019100.637	38	S1	61	77	-23	-39	16	67		1
W-17597	12578	312913.968	1019100.637	38	SA	61	77	-23	-39	16	67		1
W-17597	12578	312913.968	1019100.637	38	S2	61	61	-23	-23	0	67	Unit absent - data used to constrain the interpolation of the surface	-1
W-17597	12578	312913.968	1019100.637	38	H2	77	200	-39	-162	123	67		1
W-17597	12578	312913.968	1019100.637	38	HM	200	330	-162	-292	130	67		1
W-17597	12578	312913.968	1019100.637	38	H3	330	468	-292	-430	138	67		1
W-17746	10333	574977.969	672332.589	15	TC	0	21	15	-6	21	136		1
W-17746	10333	574977.969	672332.589	15	LT	21	71	-6	-56	50	136		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
W-17746	10333	574977.969	672332.589	15	H1	71	85	-56	-70	14	136		1
W-17746	10333	574977.969	672332.589	15	S2	85	125	-70	-110	40	136		1
W-17746	10333	574977.969	672332.589	15	SA	85		-70			136		1
W-17748	10334	632130.331	692222.771	16	TC	0	58	16	-42	58	136		1
W-17748	10334	632130.331	692222.771	16	LT	58	111	-42	-95	53	136		1
W-17748	10334	632130.331	692222.771	16	H1	111		-95			136		1
W-17750	10336	599516.089	697128.956	15	WT	0	6	15	9	6	136		1
W-17750	10336	599516.089	697128.956	15	TC	6	41	9	-26	35	136		1
W-17750	10336	599516.089	697128.956	15	LT	41	83	-26	-68	42	136		1
W-17750	10336	599516.089	697128.956	15	H1	83	175	-68	-160	92	136		1
W-17750	10336	599516.089	697128.956	15	SA	175		-160			136		1
W-17764	8921	597548.187	722472.758	18.66	WT	0	46	18.66	-27.34	46	136		1
W-17764	8921	597548.187	722472.758	18.66	LT	46	80	-27.34	-61.34	34	136		1
W-17764	8921	597548.187	722472.758	18.66	H1	80		-61.34			136		1
W-17782	8922	583705.753	715426.902	18.66	WT	0	12	18.66	6.66	12	136		1
W-17782	8922	583705.753	715426.902	18.66	TC	12	35	6.66	-16.34	23	136		1
W-17782	8922	583705.753	715426.902	18.66	LT	35	50	-16.34	-31.34	15	136		1
W-17782	8922	583705.753	715426.902	18.66	H1	50		-31.34			136		1
W-17785	8923	570423.603	717672.857	18.36	WT	0	16	18.36	2.36	16	136		1
W-17785	8923	570423.603	717672.857	18.36	TC	16	63	2.36	-44.64	47	136		1
W-17785	8923	570423.603	717672.857	18.36	LT	63	91	-44.64	-72.64	28	136		1
W-17785	8923	570423.603	717672.857	18.36	H1	91		-72.64			136		1
W-17810	8925	562778.123	799065.467	28.57	WT	0	4	28.57	24.57	4	136		1
W-17810	8925	562778.123	799065.467	28.57	TC	4	56	24.57	-27.43	52	136		1
W-17810	8925	562778.123	799065.467	28.57	LT	56	123	-27.43	-94.43	67	136		1
W-17810	8925	562778.123	799065.467	28.57	H1	123	193	-94.43	-164.43	70	136		1
W-17810	8925	562778.123	799065.467	28.57	SA	193		-164.43			147		1
W-17919	8382	538916.074	968349.362	50	WT	0	50	50	0	50	61		1
W-17919	8382	538916.074	968349.362	50	HM	321	376	-271	-326	55	61		1
W-17987	12076	350743.675	785061.571	5	WT	0	40	5	-35	40	32		1
W-17987	12076	350743.675	785061.571	5	HM	140		-135			32		1
W-18069	15381	538253.294	894541.756	21	WT	0	38	21	-17	38	48		1
W-18069	15381	538253.294	894541.756	21	H2	38	401	-17	-380	363	48		1
W-18070	15382	527717.62	886798.448	25.5	WT	0	55	25.5	-29.5	55	48		1
W-18070	15382	527717.62	886798.448	25.5	LT	55	55	-29.5	-29.5	0	48	Unit absent - data used to constrain the interpolation of the surface	-1
W-18071	12077	463361.859	866449.555	8	WT	0	5	8	3	5	48		1
W-18071	12077	463361.859	866449.555	8	H1	5	40	3	-32	35	48		1
W-18071	12077	463361.859	866449.555	8	SA	40		-32			48		1
W-18071	12077	463361.859	866449.555	8	S2	40	91	-32	-83	51	48		1
W-18071	12077	463361.859	866449.555	8	S1	91		-83			48		1
W-18074	15384	617726.327	896915.864	14	WT	0	29	14	-15	29	48		1
W-18074	15384	617726.327	896915.864	14	TC	29	39	-15	-25	10	48		1
W-18074	15384	617726.327	896915.864	14	LT	39	96	-25	-82	57	48		1
W-18074	15384	617726.327	896915.864	14	H1	96	141	-82	-127	45	48		1
W-18074	15384	617726.327	896915.864	14	SA	141	176	-127	-162	35	48		1
W-18074	15384	617726.327	896915.864	14	H2	176		-162			48		1
W-18075	15385	595155.91	891288.817	34	WT	0	70	34	-36	70	48		1
W-18075	15385	595155.91	891288.817	34	TC	70	93	-36	-59	23	48		1
W-18075	15385	595155.91	891288.817	34	LT	93	153	-59	-119	60	48		1
W-18075	15385	595155.91	891288.817	34	SA	153	206	-119	-172	53	48		1
W-18075	15385	595155.91	891288.817	34	H2	206		-172			48		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
W-18116	12580	368567.935	992516.038	40	WT	0	35	40	5	35	66		1
W-18116	12580	368567.935	992516.038	40	H1	35	56	5	-16	21	66		1
W-18116	12580	368567.935	992516.038	40	LT	35	35	5	5	0	65	Unit absent - data used to constrain the interpolation of the surface	-1
W-18116	12580	368567.935	992516.038	40	SA	56	90	-16	-50	34	66		1
W-18116	12580	368567.935	992516.038	40	H3	90	327	-50	-287	237	66		1
W-18394	28577	248032.605	999473.901	19.2	WT	0	17	19.2	2.2	17	153		1
W-18394	28577	248032.605	999473.901	19.2	H1	17	65	2.2	-45.8	48	153		1
W-18394	28577	248032.605	999473.901	19.2	H2	150	208	-130.8	-188.8	58	153		1
W-18394	28577	248032.605	999473.901	19.2	H3	350	515	-330.8	-495.8	165	153		1
W-18778	27768	336684.703	850941.203	12	HM	130	220	-118	-208	90	122		1
W-18778	27768	336684.703	850941.203	12	H3	220	440	-208	-428	220	122		1
W-2004	8707	536523.518	537341.214	8	LT	20	107	-12	-99	87	136		1
W-2004	8707	536523.518	537341.214	8	H1	107	120	-99	-112	13	147		-1
W-2004	8707	536523.518	537341.214	8	SA	120		-112			147	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
W-2229	15090	413672.168	944663.237	35	WT	0	55	35	-20	55	61		1
W-2229	15090	413672.168	944663.237	35	H1	55		-20			61		1
W-3792	11948	382544.175	766736.152	7	H1	35	105	-28	-98	70	18		1
W-3792	11948	382544.175	766736.152	7	S2	105	145	-98	-138	40	18		1
W-3792	11948	382544.175	766736.152	7	SA	105	155	-98	-148	50	18		1
W-3792	11948	382544.175	766736.152	7	S1	145	155	-138	-148	10	18		1
W-3792	11948	382544.175	766736.152	7	H2	145	175	-138	-168	30	18		1
W-3792	11948	382544.175	766736.152	7	HM	175		-168			18		1
W-4750	8312	566915.516	949094.519	39	WT	0	140	39	-101	140	61		1
W-4750	8312	566915.516	949094.519	39	H3	140		-101			61		1
W-50028	15295	500465.177	870332.746	23	WT	0	4	23	19	4	151		1
W-50028	15295	500465.177	870332.746	23	H1	4	100	19	-77	96	151		1
W-50028	15295	500465.177	870332.746	23	S2	100	165	-77	-142	65	151		1
W-50028	15295	500465.177	870332.746	23	SA	100	230	-77	-207	130	151		1
W-50028	15295	500465.177	870332.746	23	S1	180	230	-157	-207	50	151		1
W-50029	15296	504168.276	866381.224	25	WT	0	15	25	10	15	151		1
W-50029	15296	504168.276	866381.224	25	H1	15	110	10	-85	95	151		1
W-50029	15296	504168.276	866381.224	25	SA	110	240	-85	-215	130	151		1
W-50029	15296	504168.276	866381.224	25	S2	110	170	-85	-145	60	151		1
W-50029	15296	504168.276	866381.224	25	S1	180	240	-155	-215	60	151		1
W-50029	15296	504168.276	866381.224	25	H2	240		-215			151		1
W-50030	15297	528742.317	866298.618	24	WT	0	40	24	-16	40	151		1
W-50030	15297	528742.317	866298.618	24	H1	40	160	-16	-136	120	151		1
W-50030	15297	528742.317	866298.618	24	LT	40	40	-16	-16	0	151	Unit absent - data used to constrain the interpolation of the surface	-1
W-50030	15297	528742.317	866298.618	24	SA	160	180	-136	-156	20	111		1
W-50030	15297	528742.317	866298.618	24	S2	160	180	-136	-156	20	111		1
W-50030	15297	528742.317	866298.618	24	H2	180		-156			111		1
W-50030	15297	528742.317	866298.618	24	HM	290		-266			151		1
W-50033	22948	521360.426	882880.825	8.94	WT	0	10	8.94	-1.06	10	151		1
W-50033	22948	521360.426	882880.825	8.94	LT	10	40	-1.06	-31.06	30	151		1
W-50033	22948	521360.426	882880.825	8.94	H2	40		-31.06			151		1
W-50034	22949	490339.865	877843.732	11.86	WT	0	35	11.86	-23.14	35	151		1
W-50034	22949	490339.865	877843.732	11.86	TC	35	60	-23.14	-48.14	25	151		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
W-50034	22949	490339.865	877843.732	11.86	LT	60	90	-48.14	-78.14	30	151		1
W-50034	22949	490339.865	877843.732	11.86	SA	90		-78.14			151		1
W-50034	22949	490339.865	877843.732	11.86	S2	90	100	-78.14	-88.14	10	151		1
W-50038	15300	481309.613	799730.561	27	WT	0	20	27	7	20	151		1
W-50038	15300	481309.613	799730.561	27	TC	20	30	7	-3	10	151		1
W-50038	15300	481309.613	799730.561	27	LT	30	100	-3	-73	70	151		1
W-50038	15300	481309.613	799730.561	27	SA	100	210	-73	-183	110	151		1
W-50038	15300	481309.613	799730.561	27	S2	100	150	-73	-123	50	151		1
W-50038	15300	481309.613	799730.561	27	S1	150	210	-123	-183	60	151		1
W-50038	15300	481309.613	799730.561	27	H2	220	260	-193	-233	40	151		1
W-50038	15300	481309.613	799730.561	27	HM	260	300	-233	-273	40	151		1
W-50038	15300	481309.613	799730.561	27	H3	300	550	-273	-523	250	151		1
W-50039	15301	490220.627	847957.131	28	WT	0	25	28	3	25	151		1
W-50039	15301	490220.627	847957.131	28	H1	25	80	3	-52	55	151		1
W-50039	15301	490220.627	847957.131	28	S2	80	135	-52	-107	55	151		1
W-50039	15301	490220.627	847957.131	28	SA	80	180	-52	-152	100	151		1
W-50039	15301	490220.627	847957.131	28	S1	160	180	-132	-152	20	151		1
W-50039	15301	490220.627	847957.131	28	H2	180		-152			151		1
W-50041	15315	516169.254	875628.224	20	H2	99	315	-79	-295	216	151		1
W-50041	15315	516169.254	875628.224	20	HM	315		-295			151		1
W-50043	15316	513347.367	872305.848	20	H1	51	128	-31	-108	77	151		1
W-50043	15316	513347.367	872305.848	20	SA	128	159	-108	-139	31	151		1
W-50043	15316	513347.367	872305.848	20	S2	128	143	-108	-123	15	151		1
W-50043	15316	513347.367	872305.848	20	S1	143	159	-123	-139	16	151		1
W-50045	15318	490090.1	815142.845	32	WT	0	20	32	12	20	151		1
W-50045	15318	490090.1	815142.845	32	H1	20	65	12	-33	45	151		1
W-50045	15318	490090.1	815142.845	32	S2	65	100	-33	-68	35	151		1
W-50045	15318	490090.1	815142.845	32	SA	65	200	-33	-168	135	151		1
W-50045	15318	490090.1	815142.845	32	S1	175	200	-143	-168	25	151		1
W-50046	22952	543270.928	840207.012	27	WT	0	30	27	-3	30	151		1
W-50046	22952	543270.928	840207.012	27	LT	30	60	-3	-33	30	151		1
W-50048	22954	514213.679	860489.509	23.99	WT	0	20	23.99	3.99	20	151		1
W-50048	22954	514213.679	860489.509	23.99	H1	20	130	3.99	-106.01	110	151		1
W-50048	22954	514213.679	860489.509	23.99	S2	130	170	-106.01	-146.01	40	151		1
W-50048	22954	514213.679	860489.509	23.99	SA	130	200	-106.01	-176.01	70	151		1
W-50048	22954	514213.679	860489.509	23.99	S1	170	200	-146.01	-176.01	30	151		1
W-50049	22955	648973.367	819356.844	19.98	WT	0	30	19.98	-10.02	30	151		1
W-50049	22955	648973.367	819356.844	19.98	TC	30	75	-10.02	-55.02	45	151		1
W-50049	22955	648973.367	819356.844	19.98	LT	75	150	-55.02	-130.02	75	151		1
W-50049	22955	648973.367	819356.844	19.98	H2	150		-130.02			151		1
W-50049	22955	648973.367	819356.844	19.98	SA	150	150	-130.02	-130.02	0	151		1
W-50050	22956	676633.651	875699.886	18.01	WT	0	35	18.01	-16.99	35	151		1
W-50050	22956	676633.651	875699.886	18.01	TC	35	45	-16.99	-26.99	10	151		1
W-50050	22956	676633.651	875699.886	18.01	LT	45	125	-26.99	-106.99	80	151		1
W-50051	15319	603228.78	825952.56	28	TC	6	45	22	-17	39	151		1
W-50051	15319	603228.78	825952.56	28	LT	45	55	-17	-27	10	151		1
W-50052	22957	576805.758	868198.357	21.34	WT	0	35	21.34	-13.66	35	151		1
W-50052	22957	576805.758	868198.357	21.34	TC	35	45	-13.66	-23.66	10	151		1
W-50052	22957	576805.758	868198.357	21.34	LT	45	95	-23.66	-73.66	50	151		1
W-50054	22958	673510.122	755248.107	16.86	WT	0	25	16.86	-8.14	25	151		1
W-50054	22958	673510.122	755248.107	16.86	TC	25	75	-8.14	-58.14	50	151		1
W-50054	22958	673510.122	755248.107	16.86	LT	75	132	-58.14	-115.14	57	151		1
W-50058	22962	669871.433	761304.506	17.37	TC	70	145	-52.63	-127.63	75	151		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
W-50060	22963	592966.317	761854.722	23.6	WT	0	10	23.6	13.6	10	151		1
W-50060	22963	592966.317	761854.722	23.6	TC	10	30	13.6	-6.4	20	151		1
W-50060	22963	592966.317	761854.722	23.6	LT	30	80	-6.4	-56.4	50	151		1
W-50061	28328	614328.628	761626.104	24	WT	0	6	24	18	6	151		1
W-50061	28328	614328.628	761626.104	24	TC	6	25	18	-1	19	136		1
W-50061	28328	614328.628	761626.104	24	LT	25	118	-1	-94	93	136		1
W-50061	28328	614328.628	761626.104	24	H1	118		-94			136		1
W-50062	22965	676227.631	776451.415	14.35	LT	60		-45.65			136		1
W-50064	8936	628981.379	787561.418	24.57	TC	9	60	15.57	-35.43	51	136		1
W-50064	8936	628981.379	787561.418	24.57	LT	60	120	-35.43	-95.43	60	136		1
W-50066	22966	486819.722	903807.531	38.25	WT	0	20	38.25	18.25	20	151		1
W-50066	22966	486819.722	903807.531	38.25	LT	20	60	18.25	-21.75	40	151		1
W-50066	22966	486819.722	903807.531	38.25	H1	60	120	-21.75	-81.75	60	151		1
W-5435	8317	665750.642	893264.364	13.82	WT	0	80	13.82	-66.18	80	138		1
W-5435	8317	665750.642	893264.364	13.82	LT	80	170	-66.18	-156.18	90	138		1
W-5435	8317	665750.642	893264.364	13.82	H2	170	390	-156.18	-376.18	220	138		1
W-5435	8317	665750.642	893264.364	13.82	HM	390	420	-376.18	-406.18	30	147		1
W-5437	8321	618671.621	940230.543	15	WT	0	38	15	-23	38	6		1
W-5438	8323	647192.5	978885.967	17	WT	0	50	17	-33	50	147		1
W-5439	8324	688764.461	1011713.67	13.89	WT	0	150	13.89	-136.11	150	169		1
W-5439	8324	688764.461	1011713.67	13.89	LT	150	150	-136.11	-136.11	0	169	Unit absent - data used to constrain the interpolation of the surface	-1
W-7748	15096	270497.137	947875.776	5	WT	0	20	5	-15	20	61		1
W-7748	15096	270497.137	947875.776	5	H2	20	50	-15	-45	30	61		1
W-7754	15097	242780.288	946225.744	13	WT	0	60	13	-47	60	61		1
W-7754	15097	242780.288	946225.744	13	S1	60	110	-47	-97	50	61		1
W-7754	15097	242780.288	946225.744	13	SA	60	110	-47	-97	50	61		1
W-7754	15097	242780.288	946225.744	13	S2	60	60	-47	-47	0	61	Unit absent - data used to constrain the interpolation of the surface	-1
W-7754	15097	242780.288	946225.744	13	H2	110	130	-97	-117	20	61		1
W-7754	15097	242780.288	946225.744	13	HM	130		-117			61		1
W-8079	15099	452068.68	911840.306	38	WT	0	43	38	-5	43	6		1
W-8079	15099	452068.68	911840.306	38	H1	43	120	-5	-82	77	147		1
W-8079	15099	452068.68	911840.306	38	LT	43	43	-5	-5	0	6	Unit absent - data used to constrain the interpolation of the surface	-1
W-8079	15099	452068.68	911840.306	38	SA	120	151	-82	-113	31	147		1
W-8079	15099	452068.68	911840.306	38	H2	151	233	-113	-195	82	147		1
W-8079	15099	452068.68	911840.306	38	HM	233	340	-195	-302	107	147		1
W-8089	15102	372598.032	921296.195	29.73	WT	0	80	29.73	-50.27	80	6		1
W-8089	15102	372598.032	921296.195	29.73	LT	80	80	-50.27	-50.27	0	6	Unit absent - data used to constrain the interpolation of the surface	-1
W-8095	15104	395461.851	927709.113	35.84	WT	0	90	35.84	-54.16	90	6		1
W-8095	15104	395461.851	927709.113	35.84	LT	90	90	-54.16	-54.16	0	6	Unit absent - data used to constrain the interpolation of the surface	-1
W-810	15088	331785.068	937249.035	20	WT	0	46	20	-26	46	61		1
W-8529	15107	423842.143	918249.785	27.79	WT	0	55	27.79	-27.21	55	6		1
W-8530	15109	353432.742	950817.98	18.85	WT	0	50	18.85	-31.15	50	6		1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
W-8813	15110	291093.199	973642.203	9	WT	0	40	9	-31	40	61		1
W-8951	10252	534165.413	576014.102	3	TC	0	10	3	-7	10	169		1
W-8951	10252	534165.413	576014.102	3	LT	10	50	-7	-47	40	147	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
W-9008	8332	587408.012	918865.299	24	HM	380		-356			61		1
W-9200	15111	441295.497	947842.061	61	WT	0	60	61	1	60	61		1
W-9309	11968	356843.044	795790.161	7	S1	120	130	-113	-123	10	18		1
W-9309	11968	356843.044	795790.161	7	S2	120	120	-113	-113	0	18	Unit absent - data used to constrain the interpolation of the surface	-1
W-9309	11968	356843.044	795790.161	7	SA	120	130	-113	-123	10	18		1
W-9309	11968	356843.044	795790.161	7	H2	130	150	-123	-143	20	18		1
W-9309	11968	356843.044	795790.161	7	HM	150	250	-143	-243	100	18		1
W-9309	11968	356843.044	795790.161	7	H3	250		-243			18		1
W-9324	11972	435797.912	746431.552	17	WT	0	80	17	-63	80	6		1
W-9324	11972	435797.912	746431.552	17	TC	80	90	-63	-73	10	6		1
W-9324	11972	435797.912	746431.552	17	LT	90	120	-73	-103	30	6		1
W-9324	11972	435797.912	746431.552	17	H1	120	160	-103	-143	40	79		1
W-9324	11972	435797.912	746431.552	17	SA	160		-143			79		1
W-9324	11972	435797.912	746431.552	17	H2	300	320	-283	-303	20	79		1
W-9324	11972	435797.912	746431.552	17	HM	320		-303			79		1
W-9799	11985	372438.13	791339.862	9	H1	40	90	-31	-81	50	61		1
W-9799	11985	372438.13	791339.862	9	SA	90	140	-81	-131	50	61		1
W-9799	11985	372438.13	791339.862	9	S2	90	100	-81	-91	10	61		1
W-9799	11985	372438.13	791339.862	9	S1	100	140	-91	-131	40	61		1
W-9799	11985	372438.13	791339.862	9	H2	140	160	-131	-151	20	61		1
W-9799	11985	372438.13	791339.862	9	HM	160		-151			61		1
W-9800	11986	372414.911	787906.889	5	H2	150	180	-145	-175	30	61		1
W-9800	11986	372414.911	787906.889	5	HM	180		-175			61		1
W-9905	10254	614055.442	669247.247	15	LT	50	100	-35	-85	50	136		1
WA-25	15390	449911.637	823903.495	25	WT	0	48	25	-23	48	18		1
WA-25	15390	449911.637	823903.495	25	H1	48	80	-23	-55	32	18		1
WA-25	15390	449911.637	823903.495	25	LT	48	48	-23	-23	0	18	Unit absent - data used to constrain the interpolation of the surface	-1
WA-25	15390	449911.637	823903.495	25	SA	80	160	-55	-135	80	18		1
WA-25	15390	449911.637	823903.495	25	H2	160	256	-135	-231	96	18		1
WA-25	15390	449911.637	823903.495	25	HM	256	310	-231	-285	54	18		1
WA-25	15390	449911.637	823903.495	25	H3	310		-285			18		1
WA-70	5594	387021.099	840921.958	20	WT	0	32	20	-12	32	18		1
WA-70	5594	387021.099	840921.958	20	H1	32	72	-12	-52	40	18		1
WA-70	5594	387021.099	840921.958	20	SA	72		-52			18		1
WA-70	5594	387021.099	840921.958	20	H3	240	460	-220	-440	220	18		1
WLP_SA	28876	412322	695253	12.44	LT	60	110	-47.56	-97.56	50	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
WLP_SA	28876	412322	695253	12.44	SA	110	130	-97.56	-117.56	20	148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1

Table A-2. Continued.

DBHYDRO Station	Well ID	X-Coordinate[a]	Y-Coordinate[a]	LAND Mean Sea Level[b]	Aquifer Code[c]	Depth Minimum	Depth Maximum	Top Elevation	Bottom Elevation	Thickness	Citation ID[d]	Notes	LWC Rating
WN_SA	28751	295793	807125	5.64	SA	125		-119.36			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
WO8-110	28521	576008.444	722510.401	18	WT	0	5	18	13	5	148		1
WO8-110	28521	576008.444	722510.401	18	TC	5	47	13	-29	42	148		1
WO8-110	28521	576008.444	722510.401	18	LT	47	90	-29	-72	43	148		1
WO8-110	28521	576008.444	722510.401	18	H1	90		-72			148		1
WOODSH_LT	28877	402793	682324	10.54	SA	110		-99.46			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1
WP_SA	28750	364028	786281	3.86	SA	80		-76.14			148	Low reliability data from well construction / rough descriptions needed to constrain the interpolation of the surface	-1

a. State Planar coordinates (NAD 1983, HARN, Florida East, FIPS_0901, feet

b. Units are feet in relation to NGVD

c. H1 = Upper Hawthorn confining unit LT = Lower Tamiami aquifer SA = Sandstone aquifer
H2 = Mid-Hawthorn confining unit S1 = carbonate zone of the Sandstone aquifer TC = Tamiami confining unit
H3 = Lower Hawthorn confining unit S2 = clastic zone of the Sandstone aquifer WT = water table aquifer
HM = Mid-Hawthorn aquifer

d. See Table A-3

Table A-3. Citations for **Table A-2**.

Citation ID	Full Citation
1	A T & E Consultants, Inc. 1985. Fort Myers Plant Test Well Program, Fort Myers, Florida. Prepared for Florida Power & Light Company.
2	AMS. 1990. Hydrogeologic Report for Chiquita Pride Groves. Prepared for Chiquita Gulf Citrus Inc.
3	Arthur, J.D., C. Fischler, C. Kromhout, J.M. Clayton, G.M. Kelley, R.A. Lee, L. Li, M. O'Sullivan, R.C. Green and C.L. Werner. 2008. Hydrogeologic Framework of the Southwest Florida Water Management District. Bulletin No. 68, Florida Geological Survey, Tallahassee, FL.
4	Baldini, S.M. 1998. Romp 13 Tippen Bay Monitor Well Site, Desoto County, Florida, Phase Two, Exploratory Drilling and Monitor Well Construction. Southwest Florida Water Management District, Brooksville, FL.
5	Basso, Jr., R.J. 2002. Hydrostratigraphic Zones within the Eastern Tampa Bay Water Use Caution Area. Southwest Florida Water Management District, Brooksville, FL.
6	BEM Systems, Inc. and Earthfx Incorporated. 2003. Hydrostratigraphy Review Report for South West Florida Feasibility Study, Developing a Geologic/Hydrostratigraphic Model in Support of the SWFFS-RSM.
7	Bennett, M. Unpublished. Log Analysis from Paradise Run ASR. South Florida Water Management District, West Palm Beach, FL.
8	Bennett, M.W. 1992. A Three-Dimensional Finite Difference Ground Water Flow Model of Western Collier County, Florida. Technical Publication 92-04, South Florida Water Management District, West Palm Beach, FL.
9	Bennett, M.W. 2001. Hydrogeologic Investigation of the Floridan Aquifer System at the I-75 Canal Site, Collier County, Florida. Technical Publication WS-7, South Florida Water Management District, West Palm Beach, FL.
10	Bennett, M.W. 2001. Hydrogeologic Investigation of the Floridan Aquifer System, L-2 Canal Site, Hendry County, Florida. Technical Publication WS-3, South Florida Water Management District, West Palm Beach, FL.
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13	Bennett, M.W. 2004. Hydrogeologic Investigation of the Floridan Aquifer System, Big Cypress Preserve, Collier County, Florida. Technical Publication WS-18, South Florida Water Management District, West Palm Beach, FL.
14	Bennett, M.W. and E.E. Rectenwald. 2002. Hydrogeologic Investigation of the Floridan Aquifer System, Moore Haven Site, Glades County, Florida, Preliminary Report. South Florida Water Management District, West Palm Beach, FL.
15	Black, Crow and Eidsness Engineers, Inc. 1970. Well Drilling Report, Test Well NA-7, City of Naples.
16	Black, Crow and Eidsness, Inc. 1976. Engineering Report, Results of Drilling and Testing Floridan Aquifer Water Supply Wells for the City of Cape Coral, Florida.
17	Boggess, D.H., T.M. Missimer and T.H. O'Donnell. 1981. Hydrologic Sections through Lee County and Adjacent Areas of Hendry and Collier Counties, Florida. Open-File Report 81-638, United States Geological Survey, Reston, VA.

Table A-3. Continued.

Citation ID	Full Citation
18	Bower, R.F., K.M. Adams and J.I. Restrepo. 1990. A Three-Dimensional Finite Difference Ground Water Flow Model of Lee County, Florida. Technical Publication 90-01, South Florida Water Management District, West Palm Beach, FL.
19	Brown, C.E., R.K. Krulikas and D.L. Brendle. 1996. Hydrogeologic Assessment of Shallow Clastic and Carbonate Rock Aquifers in Hendry and Collier Counties, Southwestern Florida. Open-File Report 96-556, United States Geological Survey, Reston, VA.
20	Bryan, J.R., R.C. Green and G.H. Means. 2013. An Illustrated Guide to the Identification of Hydrogeologically Important Formations in the South Florida Water Management District. Produced for South Florida Water Management District, West Palm Beach, FL.
21	Cardno Entrix. 2012. Useppa Utility Company Completion Report for Class V Exploratory Well EX-1. Prepared for Useppa Utility Company.
22	CDM. 2003. City of Cape Coral Well 225 Completion Report.
23	CDM. 2004. South County Water Reclamation Facility Injection Well IW-2 Well Completion Report.
24	CDM. 2006. City of Clewiston Water Treatment Plant Production Wells PW-1 and PW-2.
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26	CDM/Missimer International, Inc. 2000. Collier County Public Works Southern Reverse Osmosis Wellfield Study, Collier County, Florida.
27	CH2M HILL. 1989. Drilling and Testing at Williams Little Cypress Farm, Hendry County, FL. Prepared for Williams Farms.
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29	CH2M HILL. 1988. Drilling and Testing of the Deep Injection Well System at North Port, Florida.
30	CH2M HILL. 1989. Engineering Report, Construction and Testing of the Aquifer Storage Recovery (ASR) Demonstration Project for Lake Okeechobee, Florida. Prepared for the South Florida Water Management District, West Palm Beach, FL.
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32	CH2M HILL. 1998. Lee County Utilities Fort Myers Beach WWTP Deep Injection Well Engineering Report.
33	CH2M HILL. 1999. Well Completion Report, Potable Water Aquifer Storage Recovery Phase II Drilling and Testing at the San Carlos Estates ASR Site, Bonita Springs, Florida.
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37	CH2M HILL. 2002. Engineering Report on the Construction and Testing of the Injection Well and Monitoring Well at the Immokalee Water & Sewer District.
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Table A-3. Continued.

Citation ID	Full Citation
40	CH2M HILL. 2004. Reverse Osmosis WTP Deep Injection Well and Facilities Engineering Report.
41	CH2M HILL. 2004. Water Reclamation Facility Deep Injection Well Engineering Report.
42	CH2M HILL. 2005. Wellfield Completion Report for the Town of Ave Maria, Wells P-1 through P-3.
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56	Edwards, L.E., S.D. Weedman, R. Simmons, T.M. Scott, G.L. Brewster-Wingard, S.E. Ishman and N.M. Carlin. 1998. Lithostratigraphy, Petrography, Biostratigraphy, and Strontium-Isotope Stratigraphy of the Surficial Aquifer System of Western Collier County. Open-File Report 98-205, United States Geological Survey, Reston, VA.
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Table A-3. Continued.

Citation ID	Full Citation
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62	Fish, J.E. and M. Stewart. 1991. Hydrogeology of the Surficial Aquifer System of Dade County, Florida. Water Resources Investigation Report 90(4108):50, United States Geological Survey, Tallahassee, FL.
63	Gates, M.T. 1997. ROMP 5 Cecil Webb Monitor Well Site, Charlotte County, Florida, Volume Two, Exploratory Drilling and Testing. Southwest Florida Water Management District, Brooksville, FL.
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Table A-3. Continued.

Citation ID	Full Citation
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Table A-3. Continued.

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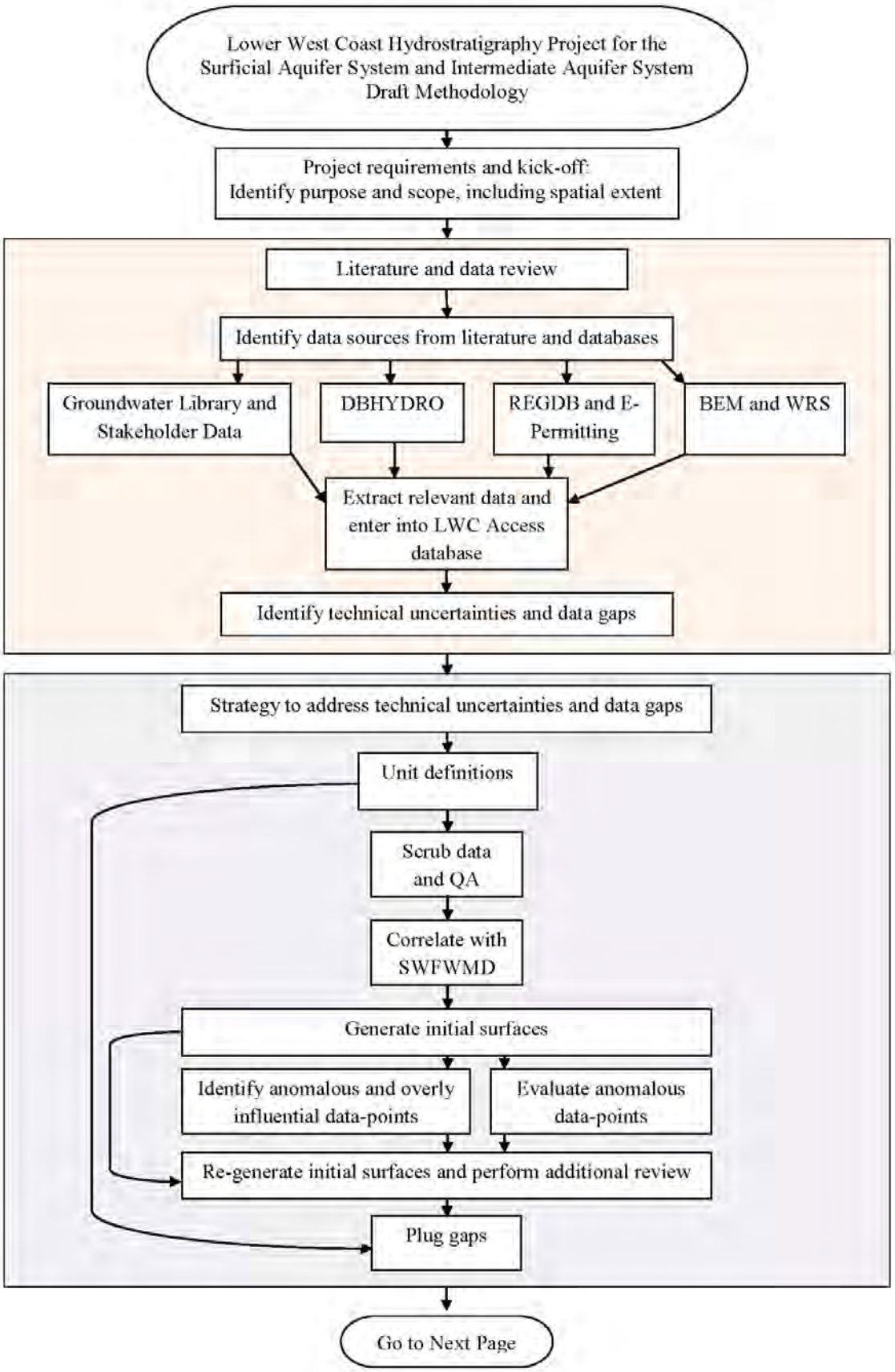
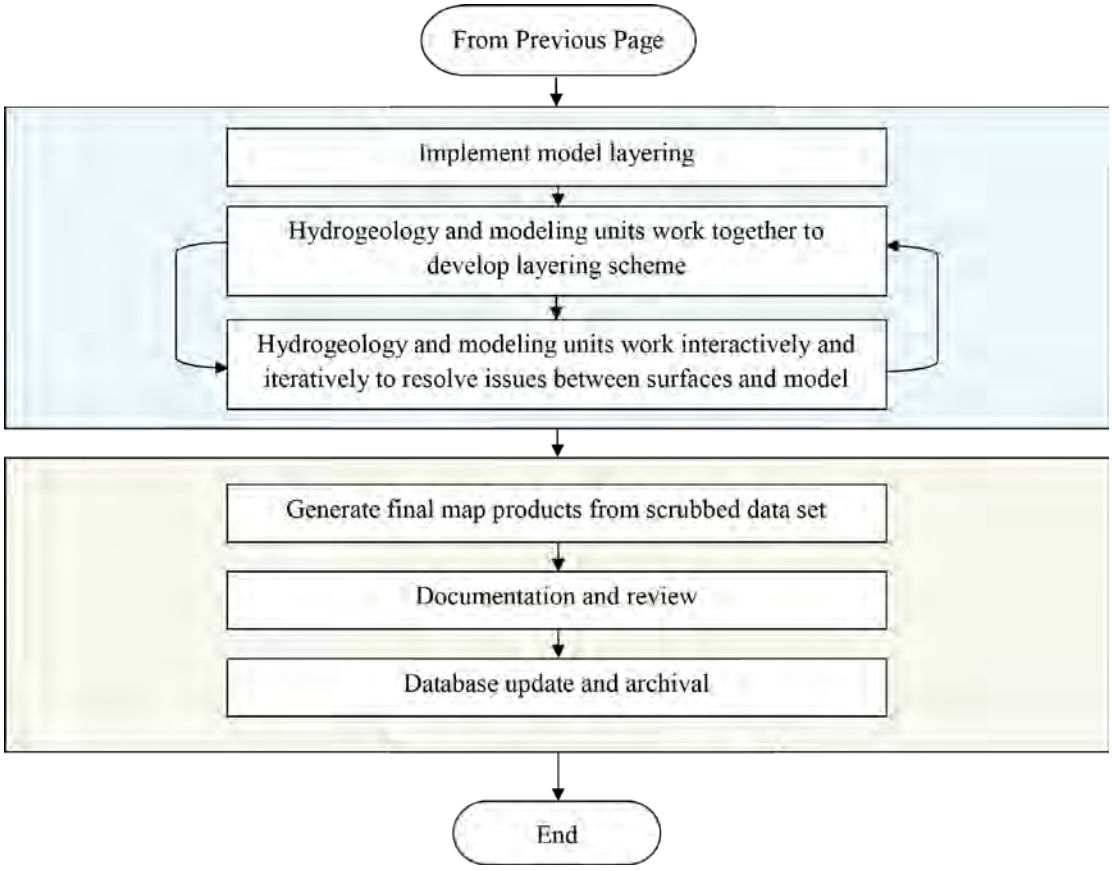
Appendix B
Hydrogeology Workflow Flowchart


Lower West Coast Hydrostratigraphy Project for the Surficial Aquifer System and Intermediate Aquifer System Draft Methodology
Project requirements and kick-off: Identify purpose and scope, including spatial extent
Literature and data review
Identify data sources from literature and databases
Groundwater Library and Stakeholder Data
DBHYDRO
REGDB and E-Permitting
BEM and WRS
Extract relevant data and enter into LWC Access database
Identify technical uncertainties and data gaps
Strategy to address technical uncertainties and data gaps
Unit definitions
Scrub data and QA
Correlate with SWFWMD
Generate initial surfaces
Identify anomalous and overly influential data-points
Evaluate anomalous data-points
Re-generate initial surfaces and perform additional review
Plug gaps
Go to Next Page


From Previous Page
Implement model layering
Hydrogeology and modeling units work together to develop layering scheme
Hydrogeology and modeling units work interactively and iteratively to resolve issues between surfaces and model
Generate final map products from scrubbed data set
Documentation and review
Database update and archival
End

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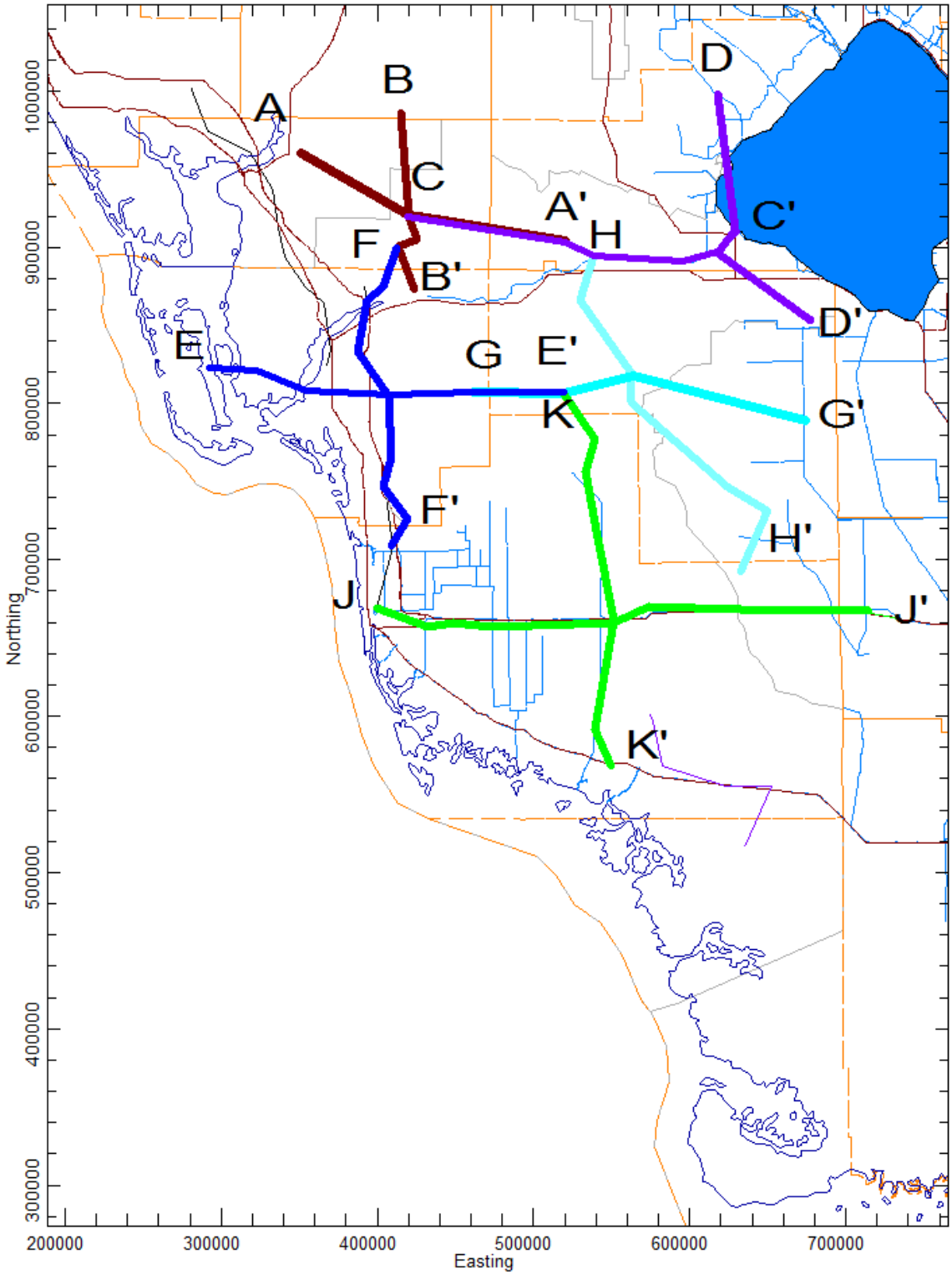
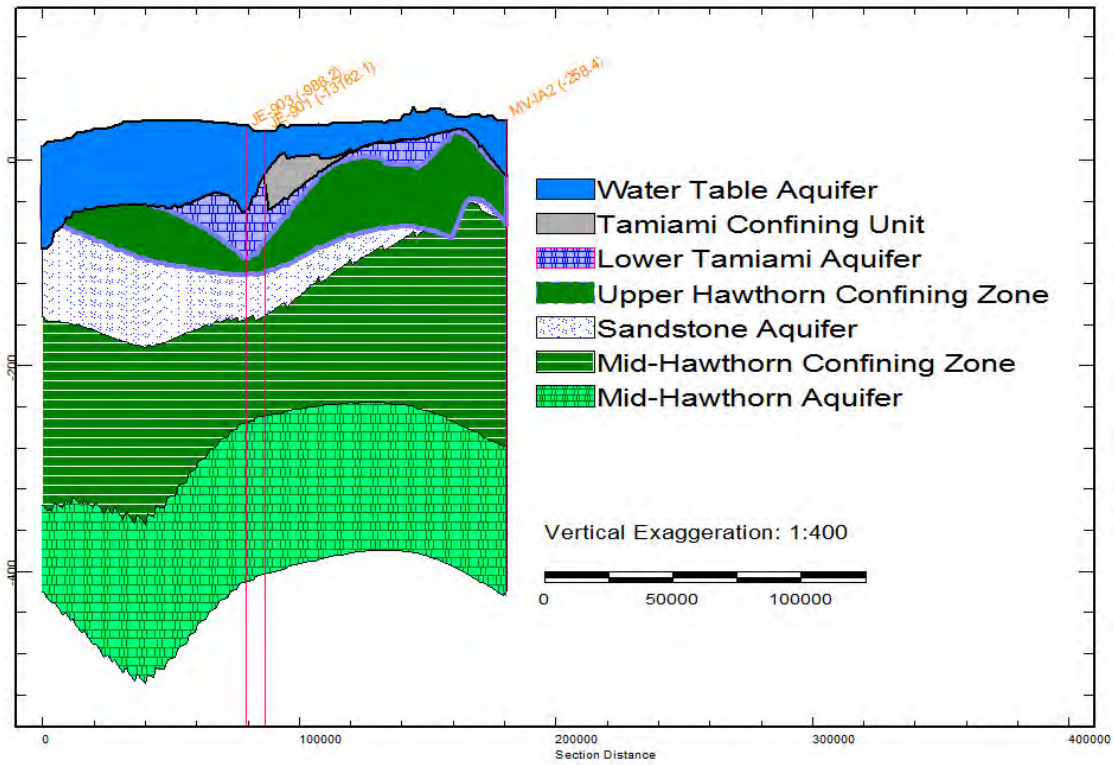
Appendix C
Cross-Sections

Cross Section Locations



A to A' Charlotte County West to East



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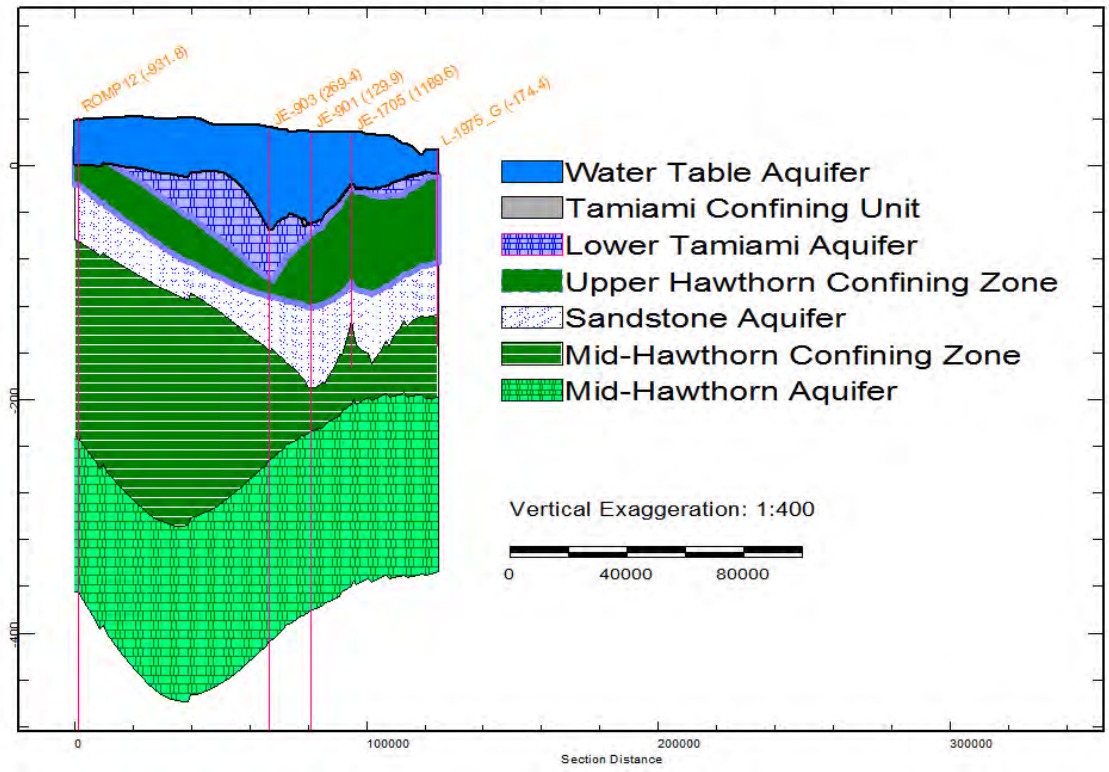

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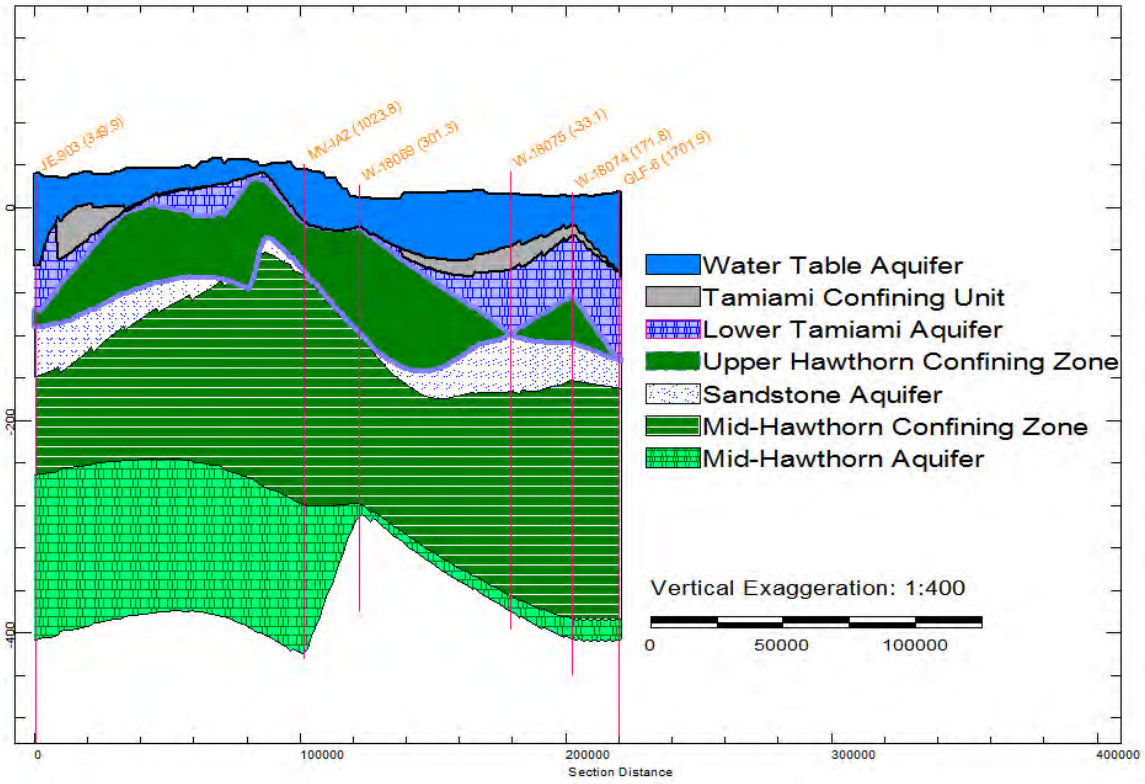

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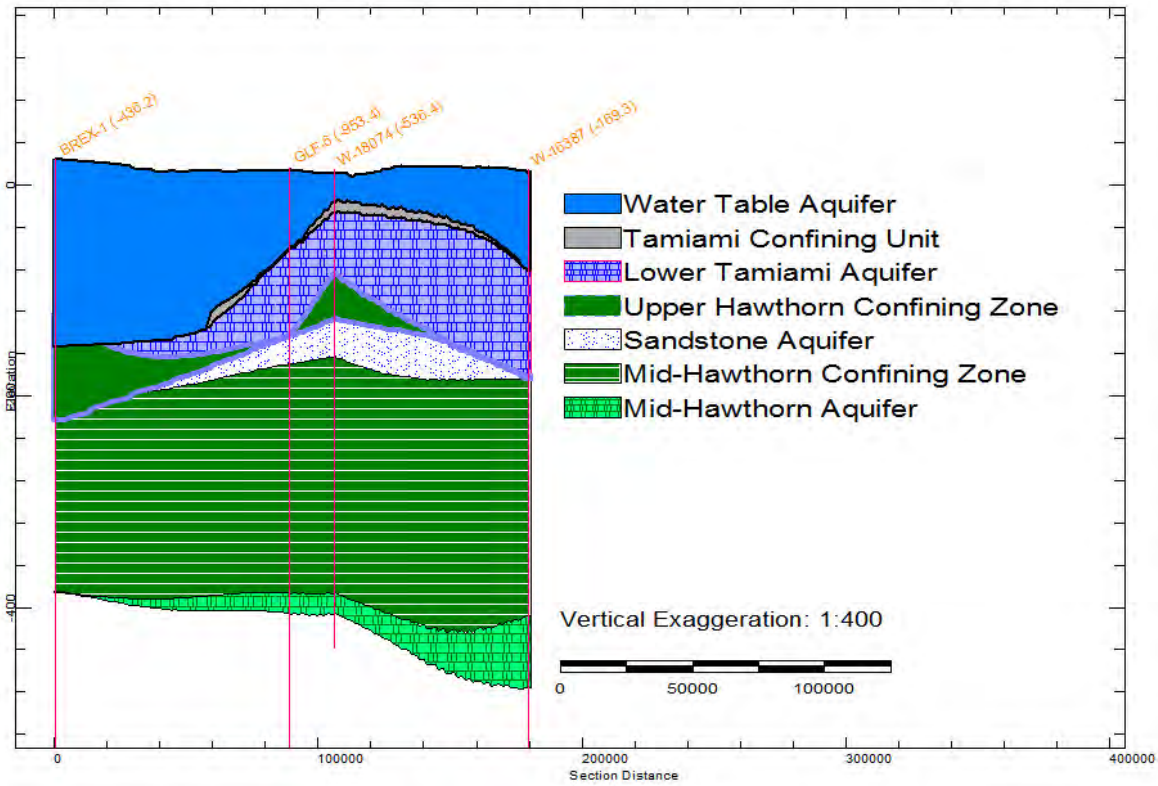

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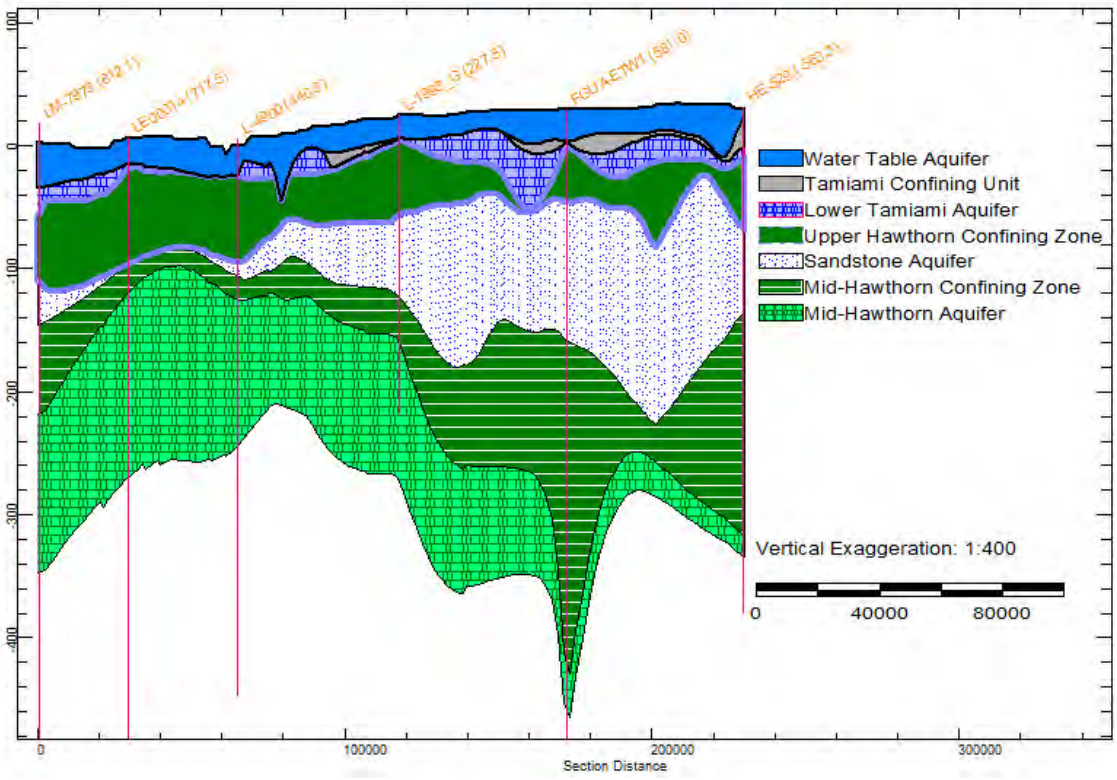

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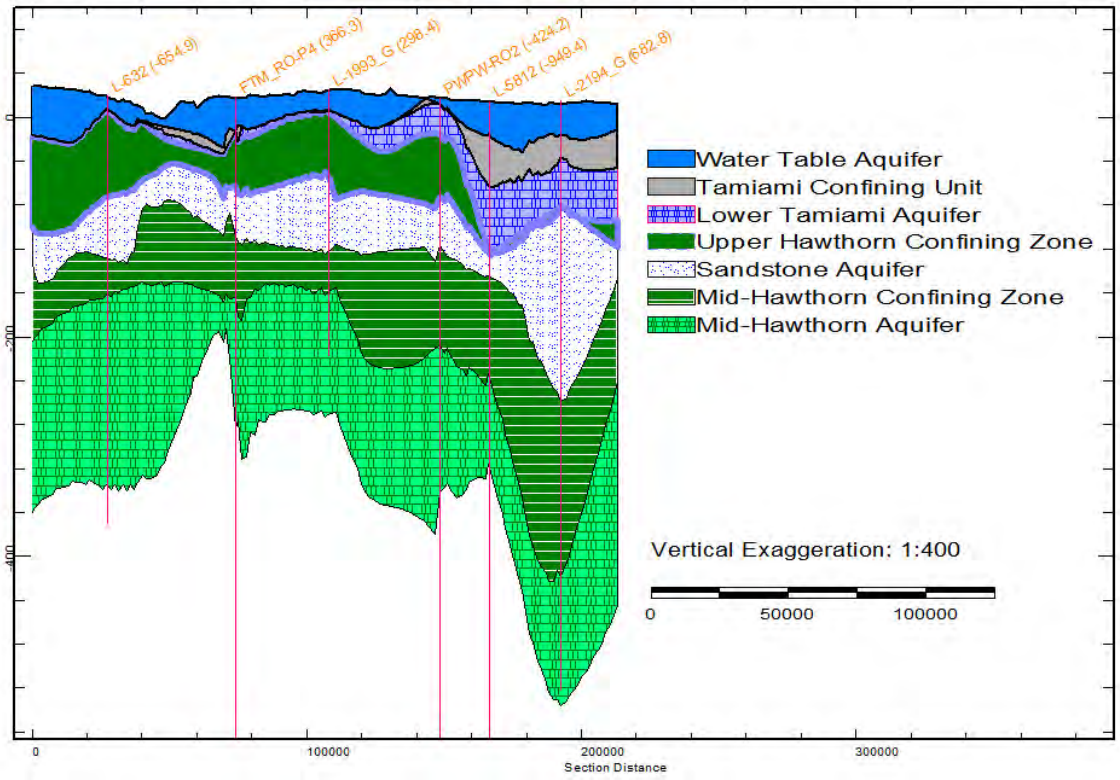

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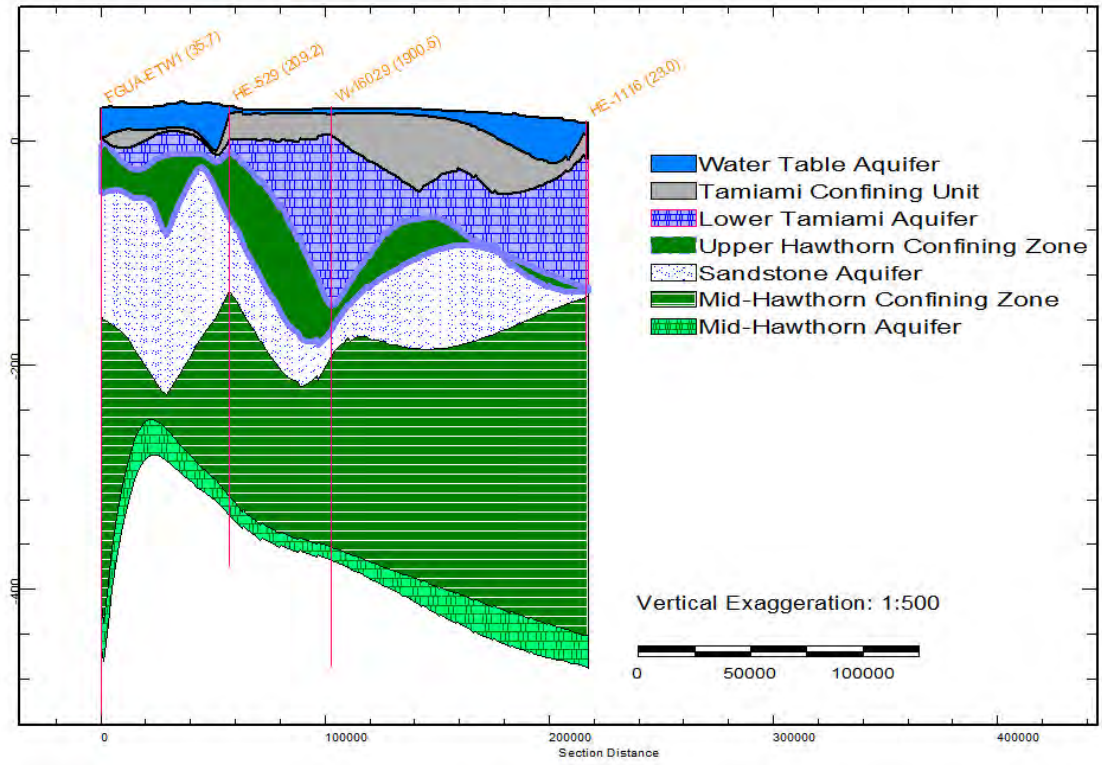
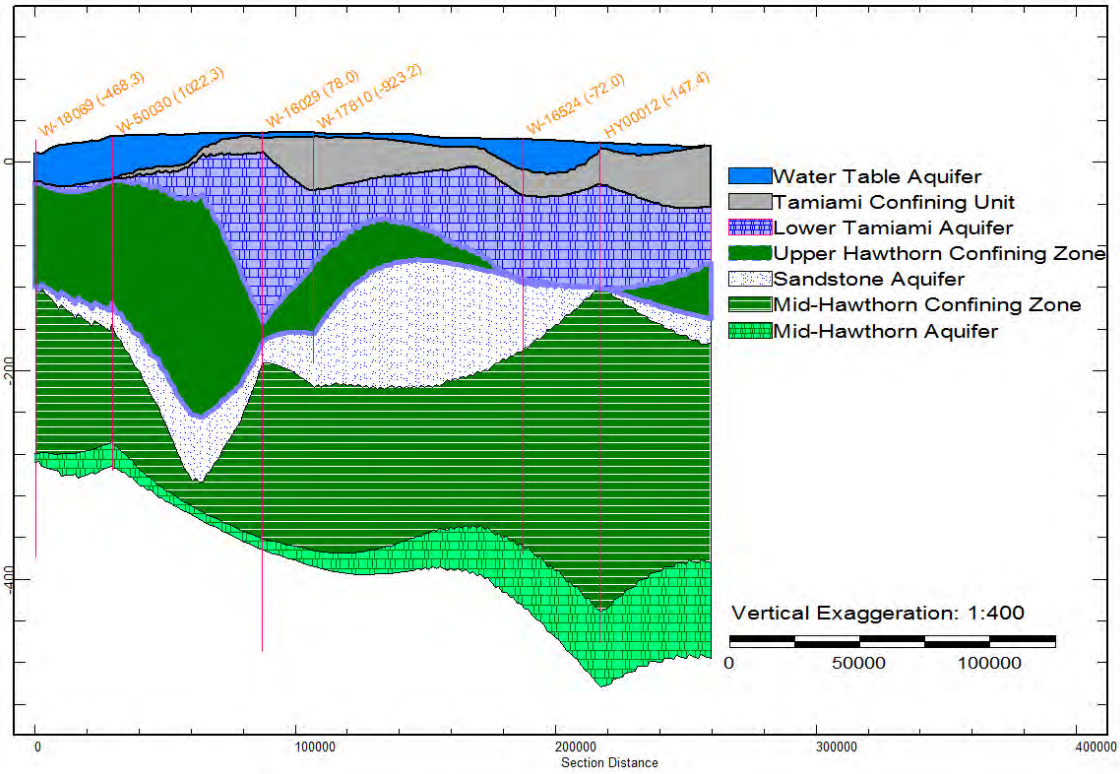
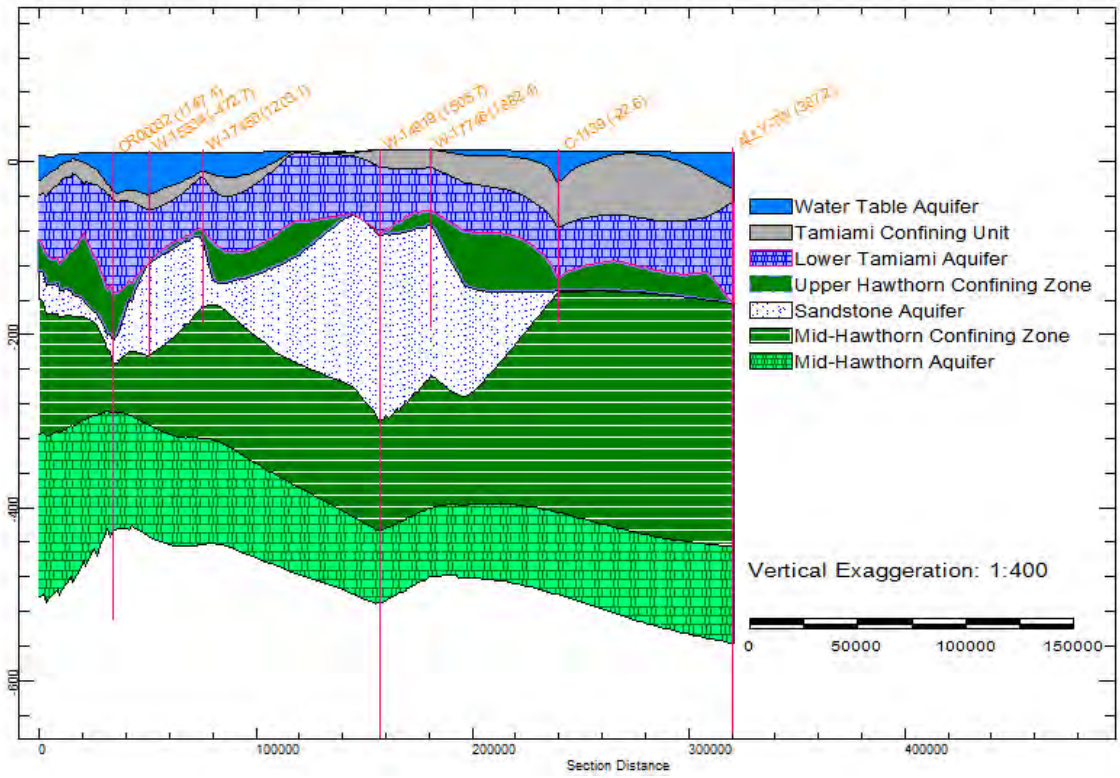


H to H' Hendry County North to South



J to J' Collier County West to East



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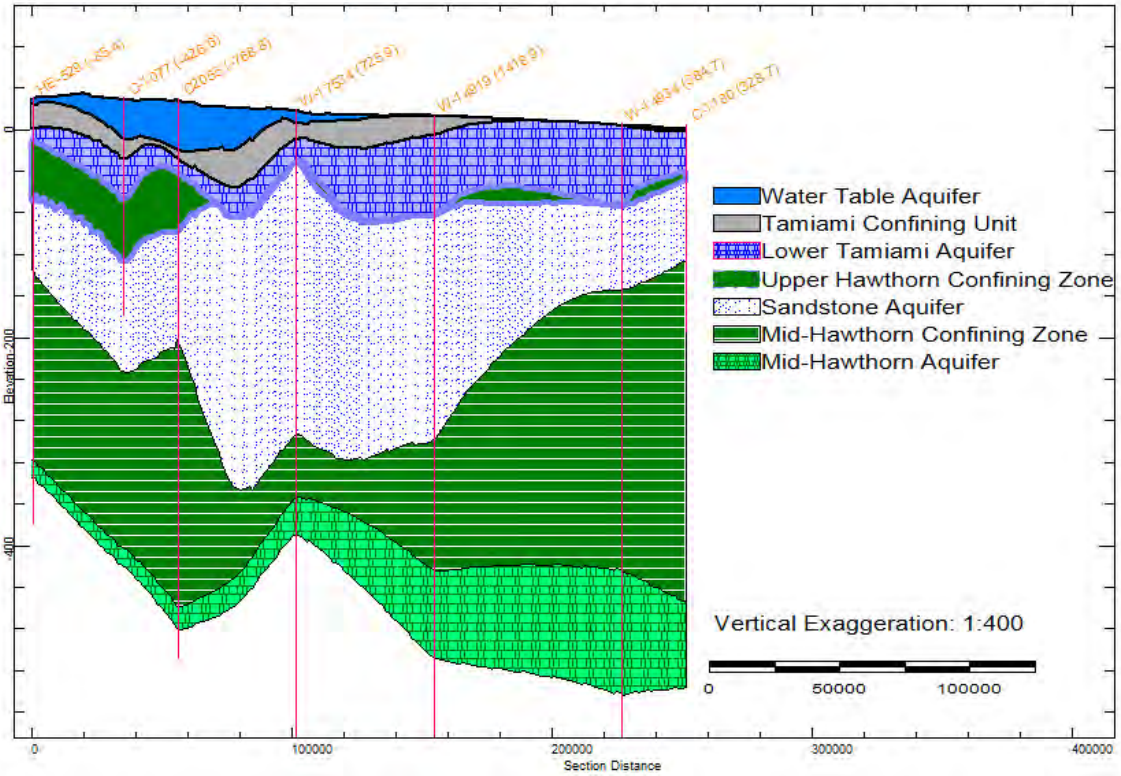

Pelican Sound Water Usage Report

Stats	
May Per Day Peak Demand	
Golf Course	**million per day**
The golf course demand peak demand	1,300,000
Community	**gallons per day**
The community demand right peak demand	800,000
	million gallons per day Peak Demand (Not every Day)
Total	**2,100,000**
May Per Month	
Golf Course	**million gallons per month May**
The golf course demand May	26,083,000
Community	**million gallons per month May**
The community demand May	18,100,000
	million gallons per month May
Total Per Month	44,183,000
Per Day Recharge Well	**gallons per day May.** (**Currently 35 HP Pump**)
Recharge Well Lakes 9 is pulling	540,000
Per minute average	400 Gallons
	Permit Allows 1000 Gallons Per Minute or 1,442,000 Per Day with Restrictions
Per Month Recharge Well	**million gallons per month May**
Recharge Well Lakes 9 is pulling	17,000,000
	million per month
Per Month Recharge Well New 75 HP	44,702,000

Pelican Sound Water Usage Report

Stats		
May Per Day Peak Demand		
Golf Course		
The golf course demand peak demand	1,300,000	million per day
Community		
The community demand right peak demand	800,000	gallons per day
Total	**2,100,000**	**million gallons per day Peak Demand (Not every Day)**
May Per Month		
Golf Course		
The golf course demand May	26,083,000	million per month May.
Community		
The community demand May	18,100,000	million per month May.
Total Per Month	**44,183,000**	**million per month May.**
Per Day Recharge Well		
Recharge Well Lakes 9 is pulling	**540,000**	**Gallons per day May**. (**Currently 35 HP Pump**)
Per minute average	**400 Gallons**	(Permit Allows 1000 Gallons Per Minute or 1,442,000 Per Day)
Per Month Recharge Well		
Recharge Well Lakes 9 is pulling	**17,000,000**	**million per month May.**

Golf Course Pump Station Monthly Water Usage May 2021 - June 2023

2021		2022		2023	
May	28,348,000	January	16,823,000	January	15,378,000
June	17,466,000	February	21,930,000	February	15,559,000
July	7,726,000	March	26,074,000	March	24,575,000
August	9,222,000	April	25,668,000	April	23,502,000
September	9,275,000	May	21,648,000	May	26,083,000
October	25,712,000	June	16,738,000	June (1st-25th)	12,044,000
November	13,333,000	July	11,719,000		
December	18,722,000	August	19,085,000		
		September	7,744,000		
		October	11,712,000		
		November	17,477,000		
		December	20,289,000		

Community Pump Station Monthly Water Usage August 2021 - June 2023

2021		2022		2023	
May		January	11,220,000	January	15,887,000
June		February	11,985,000	February	15,177,000
July		March	15,340,000	March	16,190,000
August	12,039,000	April	15,360,000	April	16,526,000
September	11,505,000	May	15,053,000	May	18,106,000
October	12,469,000	June	12,795,000	June (1st-25th)	15,765,000
November	13,338,000	July	18,276,000		
December	12,026,000	August	15,211,000		
		September	12,590,000		
		October	12,767,000		
		November	13,725,000		
		December	14,705,000		

Total Per Month	January	**31,265,000**
Total Per Month	Febuary	**30,736,000**
Total Per Month	March	**40,765,000**
Total Per Month	April	**40,028,000**
Total Per Month	May	**44,189,000**

Month	Pump Stati	Irrigation U	Difference	Variation
2021-05			0	
2021-06			0	
2021-07	4167		4167	100.00%
2021-08	12039		12039	100.00%
2021-09	11505		11505	100.00%
2021-10	12469		12469	100.00%
2021-11	13380		13380	100.00%
2021-12	12026		12026	100.00%
2022-01	11220		11220	100.00%
2022-02	11985		11985	100.00%
2022-03	15340		15340	100.00%
2022-04	15366		15366	100.00%
2022-05	15053		15053	100.00%
2022-06	12795		12795	100.00%
2022-07	18276		18276	100.00%
2022-08	15211		15211	100.00%
2022-09	12590		12590	100.00%
2022-10	12767		12767	100.00%
2022-11	13725		13725	100.00%
2022-12	14705		14705	100.00%
2023-01	15887		15887	100.00%
2023-02	15177		15177	100.00%
2023-03	16190		16190	100.00%
2023-04	16526		16526	100.00%
2023-05	18106		18106	100.00%
2023-06	15765		15765	100.00%

Day	Pump Stati	Pump Stati	Irrigation U	Irrigation Running Total (galX1000)
5/1/2021				
5/2/2021				
5/3/2021				
5/4/2021				
5/5/2021				
5/6/2021				
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 6/1/2021
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 6/9/2021
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 7/1/2021
 7/2/2021
 7/3/2021

7/4/2021		
7/5/2021		
7/6/2021		
7/7/2021		
7/8/2021		
7/9/2021		
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########		
########	95	95
########		95
########		95
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########		95
########		95
########		95
########		95
########		95
########		95
########	3457	3552
########	615	4167
8/1/2021	668	4835
8/2/2021	300	5135
8/3/2021	182	5317
8/4/2021	40	5357
8/5/2021	498	5855
8/6/2021	249	6104
8/7/2021	595	6699
8/8/2021	667	7366
8/9/2021	221	7587
########	267	7854
########	575	8429
########	563	8992
########	245	9237
########	563	9800
########	517	10317
########	246	10563
########	265	10828
########	454	11282
########	453	11735

########	153	11888
########	543	12431
########	598	13029
########	242	13271
########	247	13518
########	562	14080
########	524	14604
########	164	14768
########	525	15293
########	525	15818
########	172	15990
########	216	16206
9/1/2021	605	16811
9/2/2021	510	17321
9/3/2021	130	17451
9/4/2021	520	17971
9/5/2021	592	18563
9/6/2021	246	18809
9/7/2021	194	19003
9/8/2021	566	19569
9/9/2021	560	20129
########	230	20359
########	542	20901
########	556	21457
########	214	21671
########	196	21867
########	482	22349
########	470	22819
########	152	22971
########	462	23433
########	535	23968
########	260	24228
########	245	24473
########	461	24934
########	375	25309
########	171	25480
########	379	25859
########	413	26272
########	211	26483
########	219	26702
########	483	27185
########	526	27711
########	94	27805
########	561	28366
########	609	28975
########	282	29257
########	327	29584

########	630	30214
########	467	30681
########	194	30875
########	521	31396
########	479	31875
########	235	32110
########	212	32322
########	583	32905
########	638	33543
########	165	33708
########	482	34190
########	685	34875
########	301	35176
########	296	35472
########	634	36106
########	568	36674
########	190	36864
########		36864
########	69	36933
########	245	37178
########	240	37418
########	639	38057
########	592	38649
########	256	38905
########	612	39517
########	663	40180
########	466	40646
########	381	41027
########	661	41688
########	625	42313
########		42313
########		42313
########		42313
########	102	42415
########	483	42898
########	140	43038
########	579	43617
########	212	43829
########	511	44340
########	608	44948
########	571	45519
########	572	46091
########	637	46728
########	564	47292
########	194	47486
########	593	48079
########	543	48622

########	578	49200
########	601	49801
########	646	50447
########	608	51055
########	196	51251
########	589	51840
########	644	52484
########	514	52998
########	562	53560
########	634	54194
########	597	54791
########	77	54868
########	622	55490
########	659	56149
########	607	56756
########	615	57371
########	589	57960
########	579	58539
########	87	58626
########	499	59125
########	755	59880
########	444	60324
########	546	60870
########	633	61503
########	639	62142
########	257	62399
########	694	63093
########	741	63834
########	488	64322
########	386	64708
########		64708
########	2	64710
########	2	64712
########	1	64713
########	1	64714
########	2	64716
########	1	64717
########	73	64790
########	612	65402
########	184	65586
1/1/2022	553	66139
1/2/2022	603	66742
1/3/2022	371	67113
1/4/2022	261	67374
1/5/2022	356	67730
1/6/2022	427	68157
1/7/2022	52	68209

1/8/2022	502	68711
1/9/2022	560	69271
########	362	69633
########	302	69935
########	499	70434
########	430	70864
########	62	70926
########	487	71413
########	485	71898
########	304	72202
########	255	72457
########	579	73036
########	552	73588
########	51	73639
########	575	74214
########	614	74828
########	302	75130
########	249	75379
########	624	76003
########	597	76600
########	120	76720
########		76720
########		76720
########	86	76806
2/1/2022	340	77146
2/2/2022	569	77715
2/3/2022	620	78335
2/4/2022	38	78373
2/5/2022	581	78954
2/6/2022	656	79610
2/7/2022	310	79920
2/8/2022	329	80249
2/9/2022	549	80798
########	570	81368
########	56	81424
########	583	82007
########	661	82668
########	289	82957
########	226	83183
########	82	83265
########	591	83856
########	193	84049
########	571	84620
########	664	85284
########	279	85563
########	381	85944
########	627	86571

########	517	87088
########	49	87137
########	570	87707
########	642	88349
########	442	88791
3/1/2022	336	89127
3/2/2022	615	89742
3/3/2022	537	90279
3/4/2022	71	90350
3/5/2022	588	90938
3/6/2022	633	91571
3/7/2022	461	92032
3/8/2022	352	92384
3/9/2022	617	93001
########	527	93528
########	44	93572
########	586	94158
########	524	94682
########	602	95284
########	530	95814
########	609	96423
########	530	96953
########	55	97008
########	551	97559
########	602	98161
########	584	98745
########	530	99275
########	660	99935
########	544	100479
########	44	100523
########	641	101164
########	544	101708
########	634	102342
########	564	102906
########	640	103546
########	585	104131
4/1/2022	45	104176
4/2/2022	615	104791
4/3/2022	614	105405
4/4/2022	624	106029
4/5/2022	484	106513
4/6/2022	647	107160
4/7/2022	551	107711
4/8/2022	41	107752
4/9/2022	627	108379
########	627	109006
########	594	109600

########	570	110170
########	642	110812
########	566	111378
########	42	111420
########	631	112051
########	634	112685
########	182	112867
########	1012	113879
########	659	114538
########	553	115091
########	18	115109
########	625	115734
########	649	116383
########	663	117046
########	607	117653
########	541	118194
########	681	118875
########	40	118915
########	582	119497
5/1/2022	525	120022
5/2/2022	585	120607
5/3/2022	541	121148
5/4/2022	629	121777
5/5/2022	536	122313
5/6/2022	21	122334
5/7/2022	612	122946
5/8/2022	630	123576
5/9/2022	647	124223
########	594	124817
########	657	125474
########	563	126037
########	261	126298
########	595	126893
########	637	127530
########	652	128182
########	625	128807
########	526	129333
########	448	129781
########	38	129819
########	437	130256
########	523	130779
########	505	131284
########	410	131694
########	483	132177
########	448	132625
########	33	132658
########	489	133147

########	521	133668
########	368	134036
########	514	134550
6/1/2022	453	135003
6/2/2022	371	135374
6/3/2022	18	135392
6/4/2022	452	135844
6/5/2022	487	136331
6/6/2022	428	136759
6/7/2022	444	137203
6/8/2022	485	137688
6/9/2022	483	138171
########	112	138283
########	493	138776
########	516	139292
########	575	139867
########	424	140291
########	630	140921
########	573	141494
########	120	141614
########	569	142183
########	564	142747
########	504	143251
########	255	143506
########	423	143929
########	520	144449
########	53	144502
########	534	145036
########		145036
########	881	145917
########	308	146225
########	574	146799
########	546	147345
7/1/2022	100	147445
7/2/2022	393	147838
7/3/2022	585	148423
7/4/2022	424	148847
7/5/2022	51	148898
7/6/2022	507	149405
7/7/2022	500	149905
7/8/2022	121	150026
7/9/2022	507	150533
########	554	151087
########	5297	156384
########	388	156772
########	579	157351
########	560	157911

########	104	158015
########	547	158562
########	509	159071
########	493	159564
########	450	160014
########	644	160658
########	618	161276
########	120	161396
########	552	161948
########	540	162488
########	396	162884
########	343	163227
########	589	163816
########	571	164387
########	136	164523
########	529	165052
########	569	165621
8/1/2022	816	166437
8/2/2022	393	166830
8/3/2022	557	167387
8/4/2022	546	167933
8/5/2022	125	168058
8/6/2022	583	168641
8/7/2022	557	169198
8/8/2022	488	169686
8/9/2022	391	170077
########	584	170661
########	552	171213
########	97	171310
########	580	171890
########	529	172419
########	462	172881
########	346	173227
########	561	173788
########	553	174341
########	245	174586
########	560	175146
########	551	175697
########	1028	176725
########	462	177187
########	666	177853
########	613	178466
########	176	178642
########	518	179160
########	582	179742
########	364	180106
########	117	180223

########	609	180832
9/1/2022	595	181427
9/2/2022	155	181582
9/3/2022	591	182173
9/4/2022	560	182733
9/5/2022	529	183262
9/6/2022	493	183755
9/7/2022	602	184357
9/8/2022	502	184859
9/9/2022	146	185005
########	510	185515
########	548	186063
########	501	186564
########	516	187080
########	583	187663
########	592	188255
########	126	188381
########	490	188871
########	521	189392
########	400	189792
########	393	190185
########	592	190777
########	574	191351
########	209	191560
########	498	192058
########	538	192596
########	465	193061
########	360	193421
########	1	193422
########		193422
########		193422
########		193422
########		193422
########	133	193555
########	432	193987
########	567	194554
########	546	195100
########	185	195285
########	449	195734
########	518	196252
########	411	196663
########	402	197065
########	536	197601
########	470	198071
########	200	198271
########	515	198786
########	463	199249

########	487	199736
########	416	200152
########	548	200700
########	570	201270
########	248	201518
########	601	202119
########	504	202623
########	390	203013
########	346	203359
########	573	203932
########	611	204543
########	146	204689
########	530	205219
########	564	205783
########	406	206189
########	362	206551
########	615	207166
########	636	207802
########	184	207986
########	590	208576
########	583	209159
########	348	209507
########	360	209867
########	626	210493
########	455	210948
########	232	211180
########	561	211741
########	566	212307
########	314	212621
########	395	213016
########	680	213696
########	622	214318
########	145	214463
########	585	215048
########	603	215651
########	321	215972
########	322	216294
########	610	216904
########	451	217355
########	296	217651
########	403	218054
########	534	218588
########	340	218928
########	332	219260
########	654	219914
########	646	220560
########	258	220818

########	621	221439
########	657	222096
########	355	222451
########	289	222740
########	762	223502
########	696	224198
########	241	224439
########	654	225093
########	652	225745
########	368	226113
########	402	226515
########	689	227204
########	663	227867
########	174	228041
########	602	228643
########	670	229313
########	355	229668
########	345	230013
########	611	230624
########	637	231261
########	136	231397
########	26	231423
########	176	231599
########	289	231888
########	478	232366
########	577	232943
########	685	233628
########	327	233955
########	664	234619
1/1/2023	688	235307
1/2/2023	385	235692
1/3/2023	475	236167
1/4/2023	557	236724
1/5/2023	195	236919
1/6/2023	269	237188
1/7/2023	643	237831
1/8/2023	633	238464
1/9/2023	344	238808
########	441	239249
########	751	240000
########	677	240677
########	235	240912
########	624	241536
########	569	242105
########	375	242480
########	356	242836
########	670	243506

########	746	244252
########	339	244591
########	693	245284
########	674	245958
########	360	246318
########	327	246645
########	687	247332
########	739	248071
########	326	248397
########	656	249053
########	693	249746
########	369	250115
########	391	250506
2/1/2023	599	251105
2/2/2023	719	251824
2/3/2023	307	252131
2/4/2023	636	252767
2/5/2023	664	253431
2/6/2023	369	253800
2/7/2023	419	254219
2/8/2023	683	254902
2/9/2023	739	255641
########	285	255926
########	599	256525
########	679	257204
########	455	257659
########	482	258141
########	685	258826
########	751	259577
########	287	259864
########	654	260518
########	575	261093
########	423	261516
########	441	261957
########	669	262626
########	717	263343
########	255	263598
########	648	264246
########	657	264903
########	374	265277
########	406	265683
3/1/2023	786	266469
3/2/2023	731	267200
3/3/2023	285	267485
3/4/2023	632	268117
3/5/2023	779	268896
3/6/2023	431	269327

3/7/2023	383	269710
3/8/2023	673	270383
3/9/2023	717	271100
########	278	271378
########	661	272039
########	666	272705
########	445	273150
########	372	273522
########	671	274193
########	679	274872
########	281	275153
########	610	275763
########	355	276118
########	225	276343
########	218	276561
########	333	276894
########	719	277613
########	299	277912
########	642	278554
########	696	279250
########	442	279692
########	528	280220
########	666	280886
########	766	281652
########	221	281873
4/1/2023	492	282365
4/2/2023		282365
4/3/2023	195	282560
4/4/2023	703	283263
4/5/2023	767	284030
4/6/2023	729	284759
4/7/2023	522	285281
4/8/2023	810	286091
4/9/2023	770	286861
########	338	287199
########	246	287445
########	714	288159
########	719	288878
########	296	289174
########	719	289893
########	714	290607
########	406	291013
########	294	291307
########	758	292065
########	733	292798
########	332	293130
########	676	293806

########	704	294510
########	372	294882
########	479	295361
########	701	296062
########	723	296785
########	249	297034
########	685	297719
########	680	298399
5/1/2023	340	298739
5/2/2023	552	299291
5/3/2023	756	300047
5/4/2023	724	300771
5/5/2023	304	301075
5/6/2023	668	301743
5/7/2023	601	302344
5/8/2023	464	302808
5/9/2023	530	303338
########	226	303564
########	664	304228
########	296	304524
########	685	305209
########	824	306033
########	500	306533
########	536	307069
########	736	307805
########	760	308565
########	235	308800
########	705	309505
########	731	310236
########	491	310727
########	479	311206
########	804	312010
########	902	312912
########	321	313233
########	703	313936
########	731	314667
########	543	315210
########	554	315764
########	741	316505
6/1/2023	780	317285
6/2/2023	266	317551
6/3/2023	762	318313
6/4/2023	841	319154
6/5/2023	540	319694
6/6/2023	488	320182
6/7/2023	680	320862
6/8/2023	793	321655

6/9/2023	261	321916
########	804	322720
########	721	323441
########	658	324099
########	760	324859
########	427	325286
########	682	325968
########	676	326644
########	814	327458
########	298	327756
########	416	328172
########	571	328743
########	633	329376
########	687	330063
########	320	330383
########	776	331159
########	816	331975
########	295	332270

Lee County
Southwest Florida

Board of County Commissioners

April 25, 2023 SENT VIA CERTIFIED MAIL

Pelican Sound
Chesley E. "Chuck" Adams, Manager
9220 Bonita Beach Road, Suite 214
Bonita Springs, FL 34135

RE: Three Oaks Water Reclamation Facility Expansion & Reuse Supply

Dear Reuse Customer:

The Three Oaks Water Reclamation Facility (WRF) is currently undergoing an expansion to increase its capacity to serve more customers. As part of this expansion, unit processes will be taken out of service while performing plant modifications and improvements.

As a result, the plant will not be able to supply reuse water while this work is underway. Instead, the Three Oaks WRF will be using groundwater from its reuse augmentation system to supply the reuse water distribution system. This operational mode will start on June 2023 and will continue up to June 2024.

Lee County Utilities (LCU) intends to operate the reuse augmentation wells to the extent possible. Certain regulatory requirements and operational constraints could be limiting factors to satisfy high peak demands and reuse supply shortage events in the system are possible during this time.

LCU encourages you to assess your irrigation practices during the dry season, optimize water utilization, check your irrigation system to correct possible water losses, and make plans for other alternatives to satisfy your irrigation demands.

Thank you for your continued cooperation with this matter.

Sincerely,

LEE COUNTY UTILITIES
Luis A. Méndez, E.I.
Reuse Coordinator

ec: File

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT

5

Water Science Associates
An Apex Company

June 28, 2023

Mr. Chuck Adams
Mr. Charles Krebs, P.E.
River Ridge CDD
9220 Bonita Beach Road, Suite 214
Bonita Springs, FL 34135

Re: Pelican Sound Irrigation Water Use Permitting

Dear Charlie,

Water Science is pleased to provide this cost proposal for hydrogeological services at the Pelican Sound development. It is our understanding that the irrigation water supply historically provided by Lee County Utilities is being reduced as the County upgrades some of their facilities and that the currently permitted backup irrigation water supply has been compromised by the recent tidal inundation by Hurricane Ian leaving Pelican Sound without a viable water resource for irrigation supply. Note that freshwater resources are severely limited in the area surrounding Pelican Sound and that past efforts to secure brackish water resources were restricted by the need to protect the freshwater resource occurring near surface at the project. However, with the tidal flooding of Hurricane Ian, this limitation may no longer apply. In order to develop a viable irrigation water resource for the project, Water Science proposes the following tasks.

Task 1. Data Compilation and Review

Water Science will compile and review existing available information on irrigation water demands and historical use, current water use permit allocations and limiting conditions, current stormwater management permit plans and interconnections, and water yield and water quality information on area resources.

Task 1 Fee: $3,500

Task 2. Field Data Collection

Water Science will conduct water quality profiling of the key lakes within the Pelican Sound development that play a part in the irrigation supply system including lakes used for water blending, direct withdrawal for irrigation, and lakes that are directly interconnected to the primary irrigation lake. We will sample the lakes near the surface, mid depth, and near lake bottom for key salinity parameters.

Task 2 Fee: $8,500

Task 3. Irrigation System Conceptual Design

Water Science will use the collected information from Tasks 1 and 2 to develop an irrigation system conceptual design that may include provision of deeper brackish water supply wells, shallow freshwater supply wells, lake interconnections, strategic lake pump outs to remove residual saline water, and other means and mechanisms to secure a viable irrigation supply system.

Task 3 Fee. $12,500

Task 4. Modify Consumptive Use Permit

Irrigation withdrawals are expected to be provided by a combination of surface water withdrawals (onsite stormwater management lakes) and groundwater withdrawals Mid-Hawthorn Aquifer and/or the Surficial

Aquifer System. The permit would meet the criteria for a large Individual Water Use Permit which may require groundwater flow modeling. We propose the following work elements:

- Determine the irrigation requirements for the project site based on the proposed total irrigated acreage from the design engineer's land use plan.
- Review soil boring reports (to be provided by the development team) and nearby lithologic logs from public records to evaluate the shallow lithology and suitable aquifers for irrigation source water.
- Review hydrogeologic characteristics at the site based on review of previous permits, applications, and technical documents from in-house files and public records.
- Perform a limited survey of permitted water users and private water users (using public records) to aid in identifying potential users of groundwater in the immediate area of the project site.
- Identify the most practical sources of groundwater for irrigation with respect to competing users and site needs, including multiple sources.
- Conduct mass balance saline water blending calculations if the use of brackish water is proposed.
- Conduct limited analytic groundwater modeling of proposed withdrawals from the selected aquifer sources and conduct cumulative modeling if necessary.
- Compile applicant and ownership information and authorization for the water use permit application
- Prepare an application for an Individual Water Use Permit for irrigation for submittal to the development team and the SFWMD.
- Costs provided for permit preparation do not include the SFWMD review fee of $1,000.00.

Task 4 Fee: $12,500

We appreciate the opportunity to serve you and the Pelican Sound community. Please let us know if you have any questions or wish to discuss further. We have provided a project authorization for your convenience if that format works for you. Thank you.

Sincerely,

W. Kirk Martin P.G.
Principal Scientist
Water Science Associates, Inc.
Mobile: 239.218.1043
Office: 239. 204.5301
Email: kirk@wsaconsult.com

Rahul John, P.G.
Senior Managing Hydrogeologist
Water Science Associates, Inc.
Mobile: 239.246.1934
Office: 239.529.4399
Email: rahul@wsaconsult.com

STANDARD AGREEMENT FOR PROFESSIONAL SERVICES

Client: Mr. Chuck Adams, Mr. Charles Krebs, P.E.
River Ridge CDD
9220 Bonita Beach Road, Suite 214
Bonita Springs, FL 34135

Date: June 28, 2023
Project No.: TBD

Project Name/Location: **Pelican Sound Irrigation Water Use Permitting**

Scope/Fee Summary: **Water Use Permitting. Fee as Per Proposal Dated June 28, 2023**

Scope of Services are attached in the proposal letter:

☒ Client to provide name, address, and telephone number of property owner.

☐ Client to provide any special site access information (contacts, keys, etc.).

☒ Client to provide agency fees.

☒ Client to provide project specific electronic files referenced in proposal prior to commencement.

This Agreement and the attached Terms and Conditions and Scope of Services constitute the complete agreement between Water Science Associates, Inc., and Client with respect to the scope of services hereunder.

Offered by:

June 28, 2023

Signature **Date**

W. Kirk Martin / President

Printed Name/Title

Water Science Associates

Name of Firm

Accepted by:

Signature **Date**

Printed Name/Title

Name of Firm

STANDARD BUSINESS TERMS & CONDITIONS

These Standard Business Terms & Conditions are attached to, and made part of, the Proposals and Agreements between Water Science Associates and Client.

Limitation of Liability - Water Science Associates services under this Agreement will be consistent with the Standard of Care for all professional engineering and related services to be performed or furnished by Water Science Associates. These engineering services shall be provided with the care and skill ordinarily provided by members of the Engineering Profession practicing under similar circumstances. Upon notice to Water Science Associates and by mutual Agreement between the parties, Water Science Associates will correct those services not meeting such a standard without additional compensation.

Water Science Associates and Client recognize that the project involves risk. The risks have been allocated such that the Client agrees to the fullest extent permitted by the law, Water Science Associates total liability to Client for any and all injuries, claims, losses, expenses, damages, reasonable attorney's fees, and defense costs, arising out of or in any way connected to this project and/or Agreement from any cause or causes, shall not exceed the amount of the fee charged for the specific service described. Such causes include, but are not limited to, Water Science Associates negligence, errors, omissions, strict liability, breach of contract or breach of warranty.

Payments and Collection - Invoicing will be provided on a monthly basis or at completion of the service. Statements are due and payable upon receipt. Client agrees to carefully read all billing statements and promptly notify Water Science Associates, in writing, of any claimed errors or discrepancies, within fifteen (15) days from the date of the statement. If Water Science Associates is not notified by the Client in writing, it is presumed that the owner agrees with the correctness, accuracy, and fairness of the billing statement.

Past due amounts may incur a late fee of 1% and Water Science Associates can upon giving 7 days written notice to Client, suspend services until payment in full is received. Retainers shall be credited on the final invoice. Water Science Associates is entitled to collect reasonable fees and costs, including collection agency, attorney's fees and interest as required to obtain collection of any fees under the Agreement.

Reimbursable Expenses - Expenses for reproduction services, courier fees, delivery, presentation materials, long distance phone calls, and travel made on behalf of the project, subcontractors, and any other out-of-pocket expenses incurred on the project are reimbursable to Water Science Associates. These expenses will be billed to the Client at cost plus 15%.

Permit and Application Fees - Client shall pay all permit and application fees required for the project.

Termination - This agreement may be terminated by either party upon thirty days' written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party. Irrespective of which party shall effect termination, the Client shall pay Water Science Associates for all services rendered to the date of termination.

Duty to Cooperate - The parties agree to provide reasonable access to information regarding the site or the Work performed and to responsible personnel as may be required to address any claim made regarding the Work performed or this Agreements. The parties further agree to provide copies to each other of any claims, demands or notices from any federal, state or local public agency regarding the Work performed or this Agreement.

Attorney Fees - Should litigation arise related to services under this Agreement, the prevailing party is entitled to recover reasonable costs including staff time, court costs, attorney fees and related expenses.

Mediation - Water Science Associates and Client agree that all disputes or claims between them arising out of or relating to this Agreement made during design, construction, or post-construction of the project shall be submitted to nonbonding mediation unless the parties agree otherwise.

Ownership of Documents - All documents, including electronic media, prepared by Water Science Associates under this Agreement shall remain the property of Water Science Associates. These documents may not be used by Client for any other endeavor without the written consent of Water Science Associates.

Delays - Water Science Associates is not responsible for delays caused by factors beyond Water Science Associates control including but not limited to the production of contract documents; issuance of permits from any government or agency; beginning or completion of construction; or performance of any phase of the work pursuant to this Agreement. Water Science Associates does not guarantee issuance of any permit.

Estimate - Lake Recharge Well

#0012081

From: McCullers Construction Services and Consulting LLC

17470-B Jean St
Fort Myers, 33967
239-317-5060
CGCA54031, CMC057164, CFC057163, EC13012691, CUCA35775, SL11312

Amount:

$88,010.00

Expiration Date:

10/31/2023

Bill To: Bob Schultz, Chair River Ridge Community Development District

9220 Bonita Beach Road, Suite 214, Bonita Springs, Fl 34135

Item	Rate (excl. tax)	Quantity	Tax	Total
Specific Capacity Test - Existing Lake Recharge Well Specific Capacity Test - Existing Lake Recharge Well Preform a step drawing test to determine the specific capacity of this well and determine if it can support an 800 – 1,000 gpm pump. The test will be performed three at different gpm rates for 2 hours each utilizing the existing well pump and water meter. We will collect water level data for 12 hours before, during, and 12 hours post-testing.	**$14,400.00**	1		$14,400.00
Provide & Install a New 8” dia. 1,000 gpm, Submersible Well Pump New 75 hp 8" dia. submersible Pump & motor, 2/3 flat submersible wire, new 480-volt 75 hp control panel, new 250 amp fused nema 3r disconnect.. 168 feet (8-jts) 6" sch 40 galvanized steel pipe. Steel land flange/ well, new 6" flow meter, 6" pipe & fittings installed to the lake's edge. Two new concrete columns will support new wellhead piping.	**$73,610.00**	1		$73,610.00

Subtotal	$88,010.00
Total	**$88,010.00**

Notes:

1. The 75 hp pump above will provide at least 1,000 gpm if the well can support it. Specific capacity testing will determine this.
2. If the well will not support the quoted pump, the data gained will help us choose a pump that the well will support.
3. This estimate is based on the customer providing a 250 amp, 480-volt, 3-phase disconnect near the parking lot. It is also based on utilizing the existing conductors/wires from the parking lot to the pump control panel.
4. Payment terms: specific capacity testing - net 15 days from completion. New Pump 50% deposit balance due 15 days from completion.

Thank you for the opportunity to earn your business.

Terms & Conditions:

This estimate covers the listed services/products only and is based on the information available or provided to us before generating this estimate. Changes or additions may increase this estimated amount.

MCSC reserves the right to repossess all products provided, installed, or constructed if payment is not received as agreed herein.

This estimated amount contemplates the service/work/construction starting in the immediate future. This estimate is valid only until the listed expiration date (the "price protection period"). If MCSC cannot commence the service/work/construction because of state, city, or county permit delays within the price protection period or for any reason beyond MCSC's control, this estimate/agreement amount may have to be increased to offset increased costs.

If, after commencement, there is a delay in the service/work/construction progress for any reason for which MCSC has no control and MCSC incurs an increase in labor, materials, etc., the customer/buyer shall be responsible for paying such increase costs.

If there are any significant material price increases from the agreement date to the date of receiving the materials, the customer/buyer shall be responsible for paying such increased costs.

Any direct contract greater than $2,500 between an owner and a contractor, related to improvements to real property consisting of single or multiple family dwellings up to and including four units, must contain the following notice provision printed in no less than 12-point, capitalized, boldfaced type on the front page of the contract or on a separate page, signed by the owner and dated:

ACCORDING TO FLORIDA'S CONSTRUCTION LIEN LAW (SECTIONS 713.001-713.37, FLORIDA STATUTES), THOSE WHO WORK ON YOUR PROPERTY OR PROVIDE MATERIALS AND SERVICES AND ARE NOT PAID IN FULL HAVE A RIGHT TO ENFORCE THEIR CLAIM FOR PAYMENT AGAINST YOUR PROPERTY. THIS CLAIM IS KNOWN AS A CONSTRUCTION LIEN. IF YOUR CONTRACTOR OR A SUBCONTRACTOR FAILS TO PAY SUBCONTRACTORS, SUB-SUBCONTRACTORS, OR MATERIAL SUPPLIERS, THOSE PEOPLE WHO ARE OWED MONEY MAY LOOK TO YOUR PROPERTY FOR PAYMENT, EVEN IF YOU HAVE ALREADY PAID YOUR CONTRACTOR IN FULL. IF YOU FAIL TO PAY YOUR CONTRACTOR, YOUR CONTRACTOR MAY ALSO HAVE A LIEN ON YOUR PROPERTY. THIS MEANS IF A LIEN IS FILED YOUR PROPERTY COULD BE SOLD AGAINST YOUR WILL TO PAY FOR LABOR, MATERIALS, OR OTHER SERVICES THAT YOUR CONTRACTOR OR A SUBCONTRACTOR MAY HAVE FAILED TO PAY. TO PROTECT YOURSELF, YOU SHOULD STIPULATE IN THIS CONTRACT THAT BEFORE ANY PAYMENT IS MADE, YOUR CONTRACTOR IS REQUIRED TO PROVIDE YOU WITH A WRITTEN RELEASE OF LIEN FROM ANY PERSON OR COMPANY THAT HAS PROVIDED TO YOU A "NOTICE TO OWNER." FLORIDA'S CONSTRUCTION LIEN LAW IS COMPLEX, AND IT IS RECOMMENDED THAT YOU CONSULT AN ATTORNEY.

FLORIDA HOMEOWNERS' CONSTRUCTION RECOVERY FUND
PAYMENT, UP TO A LIMITED AMOUNT, MAY BE AVAILABLE FROM THE FLORIDA HOMEOWNERS' CONSTRUCTION RECOVERY FUND IF YOU LOSE MONEY ON A PROJECT PERFORMED UNDER CONTRACT, WHERE THE LOSS RESULTS FROM SPECIFIED VIOLATIONS OF FLORIDA LAW BY A LICENSED CONTRACTOR. FOR INFORMATION ABOUT THE RECOVERY FUND AND FILING A CLAIM, CONTACT THE FLORIDA CONSTRUCTION INDUSTRY LICENSING BOARD AT THE FOLLOWING TELEPHONE NUMBER AND ADDRESS:

Construction Industry Licensing Board
2601 Blair Stone Road
Tallahassee, FL 32399-0791
Telephone: 850.487.1395

Accepted on: _____ **Accepted by:** _____ **Signature:** _____

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT

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Pelican Sound
Golf & River Club

June 6, 2023

Mr. Robert Schultz
Chair, River Ridge Community Development District
9220 Bonita Beach Road. Suite 214
Bonita Springs, FL 34135

Dear Mr. Schultz,

Recently the Pelican Sound Public Affairs Advisory Panel (PAAP) has been involved in reviewing a few safety-related issues that relate to our community. One of the issues discussed was the intersection of Pelican Sound Blvd. at Pelican Sound Drive. This intersection was discussed because some residents believe making this location a three-way stop would be safer than under current conditions.

Traffic traveling along Pelican Sound Blvd. is not required to stop and has the right of way. Often vehicles stop as a courtesy to cyclists or golf carts. At times there seems to be confusion as to who has the right of way. This matter was raised to the PAAP and the Panel wishes to transmit a request to River Ridge to consider this issue and perhaps retain the services of a traffic engineer. There is a considerable mix of traffic at this intersection including owner's cars, visitors, vendors, cyclers, golf carts, golf course maintenance vehicles and pedestrians.

On behalf of the PAAP, I am pleased to transmit a request that the RRCDD consider undertaking an appropriate review of safety and traffic at the intersection of Pelican Sound Blvd. and Pelican Sound Drive.

Sincerely,

Eric Long, GM/COO
Pelican Sound Golf & River Club

Cc: Cleo Adams, District Manager RRCDD
Jim McGivern, Board President, Pelican Sound Golf & River Club

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT

8

AJC Associates, Inc.

Specializing in Community Development District Assessment Rolls

March 1, 2023

River Ridge Community Development District
c/o Chuck Adams
Wrathell, Hunt & Associates, LLC
2300 Glades Road, Suite 410W
Boca Raton, FL 33431

RE: Termination of Assessment Roll Contract with AJC Associates, Inc.

Dear Supervisors,

Per recital 6 of the contract between AJC Associates, Inc. and River Ridge Community Development District I am notifying you that I will not be renewing my contract for the fiscal year 2024.

The consulting contract states that it will automatically renew for a 12 month period if notice isn't given of termination by either myself or the district by April 1 of each year.

I will work with the accounting staff at Wrathell, Hunt & Associates, LLC for a smooth transition over the 2024 budget process and will continue to provide the services in my contract until September 30, 2023.

It has been a pleasure working with the Board, the management company and property owners.

Sincerely yours,

Alice J. Carlson
President

2614 North Tamiami Trail, PMB # 502, Naples, Florida 34103
(239) 435-3988 www.cddflorida.com

FIRST AMENDMENT TO THE DISTRICT MANAGEMENT SERVICES AGREEMENT BETWEEN RIVER RIDGE COMMUNITY DEVELOPMENT DISTRICT AND WRATHELL, HUNT AND ASSOCIATES, LLC

THIS FIRST AMENDMENT ("First Amendment") is entered into as of this 25th day of July, 2023, by and between:

River Ridge Community Development District, a local unit of special-purpose government established pursuant to Chapter 190, *Florida Statutes*, being situated in Lee County, Florida, and having offices at 2300 Glades Road, Suite 410W, Boca Raton, Florida 33431 (the "**District**"); and

Wrathell, Hunt and Associates, LLC, a Florida limited liability company, with a mailing address of 2300 Glades Road, Suite 410W, Boca Raton, Florida 33431 ("**Manager**" and, together with the District, the "**Parties**").

RECITALS

WHEREAS, the District was established pursuant to Chapter 190, Florida Statutes, (the "**Statutes**"), which authorizes the District to issue bonds for the purpose, among others, of planning, financing, constructing, installing, operating, and/or maintaining certain infrastructure within or without the boundaries of the District; and

WHEREAS, the District and Manager entered into certain *District Management Services Agreement*, with River Ridge CDD, dated June 13, 2005, a copy of which is attached hereto and incorporated by reference herein as **Exhibit A** (the "Agreement"), to provide district management services for the District; and

WHEREAS, each of the parties hereto has the authority to execute this First Amendment and to perform its obligations and duties hereunder, and each party has satisfied all conditions precedent to the execution of this First Amendment so that this First Amendment constitutes a legal and binding obligation of each party hereto.

NOW, THEREFORE, based upon good and valuable consideration and the mutual covenants of the parties, the receipt of which and sufficiency of which are hereby acknowledged, the District and the Manager agree as follows:

SECTION 1. The Agreement is hereby affirmed and continues to constitute a valid and binding agreement between the parties. Except as described in Section 2 of this First Amendment, nothing herein shall modify the rights and obligations of the parties under the Agreement. All of the remaining provisions, including, but not limited to, the engagement of services, indemnification and sovereign immunity provisions, remain in full effect and fully enforceable.

SECTION 2. The Agreement is hereby amended as follows:

A. The Services Agreement is hereby amended to add the provision of Assessment Roll Management Services pursuant to the Assessment Roll Management Proposal and Scope of Services attached hereto as **Exhibit B**. As compensation for the Assessment Roll Services, the District agrees to pay Manager the annual fee of Three Thousand Two Hundred Fifty Dollars ($3,250).

SECTION 3. To the extent that the terms of the Agreement conflict with the terms set forth in Section 2 above, the terms of this First Amendment shall control.

SECTION 4. All other terms of the Agreement shall remain in full force and effect and are hereby ratified.

IN WITNESS WHEREOF, the parties hereto have signed this First Amendment to the Agreement on the day and year first written above.

Attest:	**RIVER RIDGE COMMUNITY DEVELOPMENT DISTRICT**
_____	_____
Secretary	Chair/Vice Chair, Board of Supervisors
Attest:	**WRATHELL, HUNT AND ASSOCIATES, LLC**
_____	_____
Print Name:_____	Name: _____
	Title: _____

Exhibit A: District Management Services Agreement
Exhibit B: Assessment Roll Management Proposal and Scope of Service

Exhibit A

District Management Services Agreement

DISTRICT MANAGEMENT SERVICES AGREEMENT
[River Ridge Community Development District]

THIS AGREEEMENT, made and entered into as of the 13TH day of June, 2005, by and between **Wrathell, Hart, Hunt & Associates, LLC,** a Florida Limited Liability Corporation whose address is 1200 NW 17th Avenue, Suite 13, Delray Beach, Florida 33445, hereinafter called the "**MANAGER**" and the **River Ridge Community Development District**, c/o Anthony P. Pires, Jr., 3200 North Tamiami Trail, Suite 200, Naples, Florida, 34103, hereinafter called the "**DISTRICT** or "District"".

WITNESSETH:

WHEREAS, the **DISTRICT** desires to employ the services of the **MANAGER** for the purpose of providing management and financial accounting and financial advisory services for the **DISTRICT**, as required to meet the needs of the **DISTRICT** during the contract period; and,

WHEREAS, the **MANAGER** has, through its Proposal presented at the meetings of the Board of Supervisors of the District on April 25 and May 23, 2005 [a copy of said Proposal being attached hereto as **Exhibit "A"**], represented that it can provide services as required by the **DISTRICT**; and,

NOW, THEREFORE, in consideration of the premises and the mutual covenants and agreements expressed and contained herein, and for other good and valuable consideration, receipt of which is acknowledged by the parties, the parties agree as follows:

1. **COMMENCEMENT**. The **MANAGER** shall commence the work under this Agreement the earlier of July 1, 2005, or the date that is sixty (60) days after the date that Severn Trent Services receives a termination notice under the agreement with the **DISTRICT**. Provided however that beginning as of June 13, 2005, the **MANAGER** shall, at no cost or expense to the **DISTRICT** engage in the transition process to transfer the operations and management from Severn-Trent Services to the **MANAGER**.

2. **STATEMENT OF WORK**. The **MANAGER** shall provide professional management and financial accounting and advisory services for the **DISTRICT** in accordance with the terms and conditions of the specifications of the Proposal, **Exhibit "A",** which is made an integral part of this Agreement.

3. **COMPENSATION**. The **DISTRICT** agrees to compensate the **MANAGER** in accordance with the fee schedule set forth in **Exhibit "B"**, including, but not limited to management fees, accounting services, dissemination agent, computer services, rentals and leases and field management services. Special assessment services shall be provided by a separate entity by way of a contract between the District and said separate entity. The total and cumulative amount of compensation to Manager under this Agreement shall not exceed the amount of funds budgeted for these services by the District. In addition, the **DISTRICT** agrees to compensate **MANAGER** for reimbursable expenses incurred during the course of performance of this Agreement, including, but not limited to, out of pocket expenses for travel on **DISTRICT** business [consistent

with State law], express mail, computerized research and work processing charge, long distance telephone, postage, photocopying and courier.

4. **PAYMENT**. Payment will be made monthly upon receipt of the proper invoice and in compliance with Section 218.70, F.S., otherwise known as the "Florida Prompt Payment Act".

5. **TERM**. Subject to the provisions for termination as set forth below, the term of this Agreement shall begin on the date outlined in Paragraph 1 above and shall continue until terminated, and shall be deemed to be a continuing contract. The Agreement may be terminated as follows:

a) upon notice by the **DISTRICT** for "good cause", which shall include, but not be limited to, a breach of this Agreement by **MANAGER**, misfeasance, malfeasance, nonfeasance or dereliction of duties by **MANAGER**, unless Paragraph "d" of this section applies. The **DISTRICT** shall be the sole judge of non-performance; or
b) upon the dissolution or court-declared invalidity of the **DISTRICT**; or
c) upon the dissolution of the **MANAGER**; upon the filing of any petition in bankruptcy involving the **MANAGER**; or, upon the filing of any assignment for the benefit of creditors of the **MANAGER**; or
d) by either party, for any reason, upon 60 days written notice; or
e) by the **DISTRICT**, upon five (5) business days written notice, if the **MANAGER** changes Chesley (Chuck) Adams as the Primary Person under the Agreement.

Upon the Agreement being terminated, **MANAGER** will take all required and necessary actions to transfer all the books and records of the **DISTRICT** in its possession in an orderly fashion to the **DISTRICT** or its designee

6. The **MANAGER** shall devote such time as is necessary to complete the duties and responsibilities assigned to the **MANAGER** under this Agreement.

7. The signature on this Agreement by the **MANAGER** shall act as the execution of a truth-in-negotiation certificate certifying that the wage rates and costs used to determine the compensation provided for in the Agreement are accurate, complete and current as of the date of this Agreement.

8. The **MANAGER** represents that it presently has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the performance of services required hereunder, as provided for in the standard set forth in Section 112.311, Florida Statutes. The **MANAGER** further represents that no person having any interest shall be employed for said performance.

9. The **MANAGER** shall promptly notify the **DISTRICT** in writing by certified mail of all potential conflicts of interest for any prospective business association, interest or other circumstance which may influence or appear to influence the **MANAGER'S** judgment or quality of services being provided hereunder. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that the **MANAGER** may undertake and request an opinion of the **DISTRICT** as to whether the association, interest or

circumstance would, in the opinion of the **DISTRICT**, constitute a conflict of interest if entered into by the **MANAGER**. The **DISTRICT** agrees to notify the **MANAGER** of its opinion by certified mail within thirty (30) days of receipt of notification by the **MANAGER**. If, in the opinion of the **DISTRICT**, the prospective business association, interest or circumstance would not constitute a conflict of interest by the **MANAGER**, the **DISTRICT** shall so state in its opinion and the association, interest, or circumstance shall not be deemed in conflict of interest with respect to services provided to the **DISTRICT** by the **MANAGER** under the terms of this Contract. This Agreement does not prohibit the **MANAGER** for performing services for any other special purpose taxing **DISTRICT**, and such assignment shall not constitute a conflict of interest under this Agreement.

10. The **MANAGER** warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the **MANAGER** to solicit or secure this Agreement and that it has not paid or agreed to pay any person, company, corporation, individual, or firm other than a bona fide employee working solely for the **MANAGER** any fee, commission, percentage, gift or any other consideration contingent upon or resulting from the award or making of this Agreement.

11. The **MANAGER** warrants and represents that all of its employees are treated equally during employment without regard to race, color, physical handicap, religion, sex, age or national origin.

12. The **MANAGER** hereby represents and warrants that it has and will continue to conduct its business activities in a professional manner and that all services shall be performed by skilled and competent personnel to the highest professional standards.

13. The **DISTRICT** acknowledges that the **MANAGER** is not an attorney and may not render legal advice or opinions. Although the **MANAGER** may participate in the accumulation of information necessary for use in documents required by the **DISTRICT** in order to finalize any particular matters, such information shall be verified by the **DISTRICT** as to its correctness; provided, however, that the **DISTRICT** shall not be required to verify the correctness of any information originated by the **MANAGER** or the correctness of any information originated by the **MANAGER** which the **MANAGER** has used to formulate its opinions and advice given to the **DISTRICT**.

14. This Agreement shall be governed by the laws of the State of Florida. Any and all legal action necessary to enforce the Agreement will be held in the appropriate state court in Collier County, Florida. No remedy herein conferred upon any party is intended to be exclusive of any other remedy and each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing at law or in equity or by statute or otherwise. No single or partial exercise by any party of any right, power, or remedy hereunder shall preclude any other or further exercise thereof.

In any action brought by either party for the enforcement of the obligations of the other party, the prevailing party shall be entitled to recover reasonable attorney's fees.

15. All notices required in this Agreement shall be sent by certified mail, return receipt requested, or may be faxed, as follows:

As to the Manager:

Wrathell, Hart, Hunt & Associates, LLC,
1200 NW 17th Avenue, Suite 13
Delray Beach, Florida 33445
ATTN: Chesley Adams
Fax Number: 561-276-3780

As to the District:

WOODWARD, PIRES & LOMBARDO, P.A.
3200 North Tamiami Trail, Suite 200
Naples, Florida 34103
ATTN: Mr. Anthony P. Pires, Jr.
Fax Number: 239-649-7342

The **MANAGER** and the **DISTRICT** may change their respective above mailing address(es) or fax number(s) at any time upon giving the other party written notification. All notices under this Agreement must be in writing.

16. No amendments and/or modifications of this Agreement shall be valid unless in writing and signed by each of the parties. This agreement shall be automatically renewable each Fiscal Year of the **DISTRICT**, unless otherwise terminated by either party. Negotiations shall be held prior to the **DISTRICT's** Fiscal Year end. The **DISTRICT** will consider price adjustments each twelve (12) month period to compensate for market conditions and the anticipated type and amount of work to be performed during the next twelve (12) month period. If approved, such evidence of price adjustments will be included by the **DISTRICT** in its adopted Fiscal Year Budget and said Budget shall serve as the compensation amount to be paid during the ensuing Fiscal Year.

17. The primary responsibility for the services to be performed for the **DISTRICT** under this Agreement shall be provided by Chesley (Chuck) Adams (the "Primary Person") , with offices located in Southwest Florida. The **MANAGER** shall notify the **DISTRICT** in writing of the location and establishment of this local office by no later than July 15, 2005

18. **PERMITS: LICENSES: TAXES**. In compliance with Section 218.80, F.S., all permits, licenses, certifications and approvals necessary for performance of this Agreement by the **MANAGER** shall be obtained by the **MANAGER**. The **MANAGER** shall also be solely responsible for compliance with all rules, regulations and laws of the **DISTRICT**, Collier County, the State of Florida, applicable agencies and the U.S. Government now in force or hereafter adopted. The **MANAGER** agrees to comply with all laws governing the responsibility of an employer with respect to persons employed by the **MANAGER**.

19. **NO IMPROPER USE**. The **MANAGER** will not use, nor suffer or permit any person employed by them to use in any manner whatsoever, **DISTRICT** facilities for any improper,

immoral or offensive purpose, or for any purpose in violation of any federal, state, **DISTRICT** or County ordinance, rule, order or regulation, or of any governmental rule or regulation now in effect or hereafter enacted or adopted. In addition to and not as a limitation of any rights that the **DISTRICT** has under this Agreement, In the event of such violation by the **MANAGER** or if the **DISTRICT** or its authorized representative shall deem any conduct on the part of the **MANAGER** to be objectionable or improper, the **DISTRICT** shall have the right to suspend the contract of the **MANAGER**. Should the **MANAGER** fail to correct any such violation, conduct or practice to the satisfaction of the **DISTRICT** within twenty-four (24) hours after receiving notice of such violation, conduct, or practice, such suspension to continue until the violation is cured. The **MANAGER** further agrees not to commence operation during the suspension period until the violation has been corrected to the satisfaction of the **DISTRICT**.

20. **NO DISCRIMINATION**. The **MANAGER** agrees that there shall be no discrimination as to race, sex, color, creed or national origin.

21. **INSURANCE**. The **MANAGER** shall provide insurance as follows:

a. **Commercial General Liability**: Coverage shall have minimum limits of $1,000,000 Per Occurrence, Combined Single Limit for Bodily Injury Liability and Property Damage Liability. This shall include Premises and Operations; Independent **MANAGERS**; Products and Completed Operations and Contractual Liability.

b. **Business Auto Liability**: Coverage shall have minimum limits of $500,000 Per Occurrence, Combined Single Limit for Bodily Injury Liability and Property Damage Liability. This shall include: Owned Vehicles, Hired and Non-Owned Vehicles and Employee Non-Ownership.

c. **Workers' Compensation**: Insurance covering all employees meeting Statutory Limits in compliance with the applicable state and federal laws.

The coverage must include Employers' Liability with a minimum limit of $1,000,000 for each accident.

d. **Professional Liability**: Coverage shall have minimum limits of $2,000,000.

Special Requirements: the **DISTRICT** shall be listed as the Certificate Holder and included as an Additional Insured on the Comprehensive General Liability Policy.

Current, valid insurance policies meeting the requirement herein identified shall be maintained by **MANAGER** during the duration of this Agreement. Renewal certificates shall be sent to the **DISTRICT** thirty (30) days prior to any to any expiration date. There shall be a thirty (30) day written notification to the **DISTRICT** in the event of cancellation or modification of any insurance coverage.

MANAGER shall insure that all sub -managers comply with the same insurance requirements that he is required to meet. The **MANAGER** shall provide **DISTRICT** with certificates of insurance meeting the required insurance provisions.

22. **ASSIGNABILITY** This Agreement may not be assigned by the **MANAGER** without the prior specific written approval of the **DISTRICT**.

23. The foregoing terms and conditions constitute the entire Agreement between the parties hereto and any representation not contained herein shall be null and void and no force and effect. Further this Agreement may be amended only in writing upon mutual consent of the parties hereto.

ATTEST:

By: C. E. Adams.

Chesley E. Adams, Jr.

C. E. Adams.

First Witness

Chesley E. Adams, Jr.

[print name]

Second Witness

[print name]

River Ridge Community Development District

By: Susan L. Sakerchuk

Dated 6/13/05

Wrathell, Hart, Hunt & Associates, LLC.

By: Craig Wrathell
Its Managing Member

Dated: 6/14/05

EXHIBIT "A"

Professional

Management

Various management functions of the River Ridge Community Development District, including the following:

- The Primary Person shall attend all meetings of the Board of Supervisors (the "Board") and provide the Board with meaningful dialogue of the issues before the Board for action
- Identification of significant policies, including analysis of policy implementation with administrative and financial impact statement and effect on the District
- Preparation of District Budget
- Implementation of all Board directives including but not limited to budget directives
- Preparation of Specifications and coordination for the following services:
    - Insurance, General Liability along with Directors and Offices Liability
    - Independent Auditor Services
    - Such other services as may be identified from time to time
    - Prompt notification to the Board of any change in supervisory personnel
- Provide all required annual disclosure information to the local government in the County in which the District resides:
    - Public Facilities Report
    - Designation of Registered Office and Registered Agent
    - Public Meeting Schedule
    - Audited Financial Statement
- Insure compliance with the following Florida Statutes:
    - Annual Financial Audit
    - Annual Financial Report
    - Public Depositor Report
    - Proposed Budget
    - District Map and Amendments
    - Public Facilities Report
    - Registered Office and Registered Agent
    - Regular Public Meeting Schedule
    - Provide Oath of Office and notary public for all newly elected members of the Board of Supervisors
    - Insures update of District reporting requirements as the legislature periodically updates reporting requirements
    - Coordinate and provide contract Administration for any services provided to the District by outside vendors:
    - Insure that contract specifications are being met
    - Interface with Residents and Contractors to insure that anticipated service levels are being provided
    - Prepare contract amendments and change orders as may be necessary
    - Insure proper contractor billing is received
    - Coordinate with the Residents to determine the services and levels of service to be provided as part of the District's budget preparations:
        - Identify new services
        - Identify expanded areas of existing services
        - Identify new levels of service
        - Provide budget recommendations based on findings
    - Prepare and Bid services and commodities
    - Insuring compliance with all operating permits
    - Prepare and implement field-operating budgets
    - Provide information/education to public regarding District programs

Recording

All required Recording Secretary functions of the River Ridge Community Development District, which include the following:

- Prepare all Board Agendas consistent with Board protocol and guidelines and coordinate receipt and distribution of sufficient material for the Board of Supervisors to make informed policy decisions
- Prepare and properly advertise all notices of meetings in an authorized newspaper of circulation in the County in which the District is located
- Record and transcribe all meetings of the Board of Supervisors including regular meetings, special meetings, workshops and public hearings)
- The recording and detailed transcription (edited for grammar) of meetings of the Board to provide an essential link to maintaining a highly accurate public record
- Maintain minutes in perpetuity for the District and send to the appropriate governmental agencies in accordance with Florida Law
- Maintain District Seal

Financial Accounting

All required financial accounting functions of the River Ridge Community Development District, including but is not limited to the following:

Prepare a Budget that achieves maximum cost-to-benefit equity for approval

- Submit a Preliminary Budget to Board of Supervisors in accordance with Chapter 190, Florida Statutes
- Supervise and coordinate the work and work products of any accounting and auditing vendors contracted by the District
- Provide the District's requirements to any accounting and auditing vendors of the District
- Modify Preliminary Budget for consideration by Board of Supervisors at the District's advertised Public Hearing
- Prepare a Budget and Assessment Resolutions as required by Chapter 190, Florida Statutes.
- Establish Budget Public Hearing(s) and dates
- Establish Board of Supervisors workshop dates (if requested by Board)
- Coordinate Budget preparation with the District Board, the primary community association and individual community associations within River Ridge, the District Engineer and Attorney
- Prepare Budget Resolution approving the District Managers Budget and authorization to set public hearing
- Prepare Budget Resolution adopting the District's Budget, as modified by the Board of Supervisors
- Prepare Assessment Resolution levying the assessments on the property in the District with the preparation of the assessment roles separately contracted out by the District
- Supervise and coordinate the work of the vendor providing assessment roll preparation services including the preparation of the property database used by the vendor providing assessment roll preparation services, reviewing and comparing information received from the Property Appraiser to prior years' rolls, to insure that the CDD rolls are in compliance with the law and that the vendor providing assessment roll preparation services has obtained all the pertinent information to prepare accurate assessments; the periodic update of the database for all activity such as transfer of title, payment of annual assessment, prepayment of principal
- The vendor providing assessment roll preparation services is to act as the primary contact to answer Property Owner questions regarding special assessments, tax bills, etc.; provide payoff information to Property Owner upon request and upon adoption of the Budget and assessments, coordinate with the office of the Property Appraiser and Tax collector to insure correct application of assessments and receipt of District funds
- The Primary Person shall attend workshop(s) and public hearing(s) and be available to answer questions by the Board and the public
- Prepare and coordinate applications for:

EXHIBIT "A"

- Federal I.D. Number
- Tax Exemption Certificate

- Establish and maintain Government Fund Accounting System in accordance with the Uniform Accounting System prescribed by Department of Banking and Finance for Government Accounting, Generally Accepted Accounting Principles (GAAP) and Government Accounting Standards Board (GASB)
- Prepare Required Investment Policies and Procedures pursuant to Chapter 218, Florida Statutes
- Prepare Annual Financial Report for Units of Local Government and Distribution to the State Comptroller
- Prepare Public Depositor's Report and distribution to State Treasurer
- Coordinate and Distribute Annual Public Facilities Report and distribution to appropriate agencies
- Administer purchase order system and periodic payment of invoices
- ~~Provide monthly check register information to the Board~~
- Provide a written monthly report of budget versus actual including an explanation of any variances
- Coordinate tax collection and miscellaneous receivables
- Prepare bid specifications for the purchase of services and commodities pursuant to Florida Statutes
- Prepare all required schedules for year end audit
  - Prepare schedule of Bank Reconciliations
  - Prepare cash and Investment Confirmations for distribution to Authorized Public Depositories and Trustee of District Bond Issues
  - Prepare analysis of Accounts Receivable
  - Prepare schedule of Interfund Accounts
  - Prepare schedule of Payables from the Governments
  - Prepare schedule of all Prepaid Expenses
  - Prepare debt Confirmation Schedules
  - Prepare schedule of Accounts Payable
  - Prepare schedule of Changes in Fund Balances
  - Prepare schedule of Assessment Revenue compared to Budget
  - Prepare schedule of Interest Income and provide Reasonableness Test
  - Prepare schedule of Investments and Accrued Interest
  - Prepare analysis of All Other Revenue
  - Prepare analysis of Interest expenses and Calculate Accrued Interest Expense at Year End
  - Prepare schedule of Operating Transfers
  - Prepare schedule of Cash Receipts and Cash Disbursements
  - Prepare analysis of Cost of Development and Construction in Progress
  - Prepare analysis of Reserves for Encumbrances
  - Prepare analysis of Retainages Payable
  - Prepare Amortization and Depreciation Schedules
  - Prepare General Fixed Asset and General Long-Term Debt Account Groups
  - General Fixed Asset Accounting
  - Assets constructed by or donated to the District for maintenance
  - Inventories of District property in accordance with the Rules of the Auditor General
  - Perform Arbitrage calculations.

Dissemination Agent

Act as dissemination agent on bond issues as directed by the Board of Supervisors.

Administrative

Computer

EXHIBIT "A"

Computer services for the River Ridge Community Development District, which include the following:

- Network Infrastructure to support Document Management
- Document Management Services including the following:
  - Archive all District Records and Documents
  - Support updates for Document Management software
  - Document Scanning Services
  - Utilization of secure off site storage facilities for backups
- Software
- IT Support Services.

Other [subject to annual budgeting and appropriation]

- Telephone
- Postage and Reproduction
- Printing and Binding
- Legal Advertising
- Office Supplies
- Rentals and Leases

APPROVED
7/25/05
TONY PLEES TO
PREPARE ADDENDUM

Wrathell
Hart
Hunt
and Associates, LLC

Building client relationships one step at a time...

1200 NW 17th Avenue, Suite 13 ■ Delray Beach, Florida 33445 ■ Phone: 561-276-0889 ■ Fax: 561-276-3780 ■ www.whhassociates.com

Wrathell, Hart, Hunt and Associates, LLC
Building client relationships one step at a time...

Craig A. Wrathell
Managing Partner

John P. Hart
Partner

Pfilip G. Hunt Jr.
Partner

July 1, 2005

Board of Supervisors
River Ridge Community Development District

Re: RFQ-Accounting Services

Dear Board Member,
It is our pleasure to submit for consideration the following proposal for Accounting Services which outlines the qualifications of Wrathell, Hart, Hunt & Associates in hopeful anticipation of lending our expertise in serving the Board of Supervisors for the River Ridge Community Development District.

Should you have any questions or require additional information, please feel free to contact me.

Sincerely-,

WRATHELL, HART, HUNT AND ASSOCIATES

C E. Adams

Chesley 'Chuck' Adams
Director of Operations

QUALIFICATIONS

Wrathell, Hart, Hunt & Associates, LLC specializes in managing and servicing community development districts and special taxing districts, as well as providing municipal level services, to serve the infrastructure and service needs of new and emerging communities throughout the State of Florida. We believe you recognized our expertise, experience and professionalism when you hired us to handle the management functions of your District.

Accounting is one of the most important functions that a Governmental Agency undertakes. As you collect, spend, reserve and invest public dollars and acquire and manage public infrastructure, you are required to follow very strict governmental accounting procedures as established by Federal, State and Local Governments. Mismanagement of this function can be detrimental to the District, its taxpayers and the entire CDD industry.

Wrathell, Hart, Hunt and Associates, LLC, recognizes the importance of this function being properly implemented. It is not only important to our clients and ourselves, but also to the entire Community Development District industry.

Over the last three months **Wrathell, Hart, Hunt and Associates, LLC,** has acquired nine governmental clients in the Southwest Florida area. We provide accounting services to eight of these clients. Though initially we teamed with a municipal auditing firm to provide immediate high end accounting services, our immediate growth success, has allowed us to recently hire an in-house accountant. As is the case with our initial accountant, all of our accountants will hold a degree in accounting and have extensive experience in governmental accounting, including but not limited to, all of the various disciplines and functions as outlined in the "Financial Accounting" scope of services as provided within the RFQ. They will also be required to attend on-going seminars and (re)certification programs to insure that we remain updated and compliant with Generally Accepted Accounting Principles (GAAP) and Government Accounting Standards Board (GASB) policies.

It is extremely important that your District management and accounting be a seamless and cohesive relationship. The accounting must fall in line with management and its needs, requirements and direction as it carries out the direction and policies of the Board of Supervisors. **Wrathell, Hart, Hunt and Associates, LLC,** believes our experience, expertise and commitment to governmental management along with our ability to provide the highly specialized service of governmental accounting, in-house, insures that the

integrity of the District, the best interest of its taxpayers and the CDD industry, as a whole, will be properly served and preserved.

We have provided a copy of the general accounting scope of services exhibit, that we provided in our initial proposal booklet, a copy of the comprehensive scope of services provided in the RFQ (to demonstrate acknowledgement of the detail of services) and a revised fee schedule outlining the additional fee for accounting services, that would be treated as an addendum to our current contract should you choose **Wrathell, Hart, Hunt and Associates, LLC.**

Wrathell, Hart, Hunt Associates, LLC, would like to extend it's appreciation to you for allowing us this opportunity to compete for your accounting services. We look forward to seeing you on July 7th.

EXHIBIT "A" - continued

ACCOUNTING

To define and implement an integrated financial management reporting system which will allow the District to present fairly and with full disclosure the financial position and results of financial operations of the funds and account groups in conformity with generally accepted accounting principals and to determine and demonstrate compliance with finance-related legal and contractual provisions.

Budget Management
To provide for the accounting, reporting and control of revenues and expenditures in accordance with the District's needs. To prepare and report periodically a budget versus actual statement.

General Ledger
To prepare and implement a set of self-balancing accounts for all District funds. To ensure that all general ledger accounts and journal entries are recorded in accordance with federal, state, and local requirements. To ensure the payment of all invoices in accordance with District requirements including the preparation of payroll and reports.

Reporting
To provide information in accordance with legal and District management requirements. Financial information is reported at any level organizationally or functionally.

Cash Management
This function allows for daily, weekly, monthly, and yearly reporting of cash balances by fund.

Revenue Reporting
This function accounts for all revenues of the District. Financial information by

organization and project, including revenue sources, is shown in an estimate versus actual format. Revenues are reported in compliance with the requirements and are recorded at the appropriate time for cash, full accrual or modified accrual basis of accounting.

Exhibit "A"-continued

Financial Accounting

Various financial accounting functions of the River Ridge Community Development District, including but not limited to the following :

- Establish and maintain Government Fund Accounting System in accordance with the Uniform Accounting System prescribed by Department of Banking and Finance for Government Accounting, Generally Accepted Accounting Principles (GAAP) and Government Accounting Standards Board (GASB)
- Prepare Annual Financial Report for Units of Local Government and Distribution to the State Comptroller
- Prepare Public Depositor's Report and distribution to State Treasurer
- Coordinate and Distribute Annual Public Facilities Report and distribution to appropriate agencies
- Administer purchase order system and periodic payment of invoices
- Provide monthly check register information to the Board
- Provide a written monthly report of budget versus actual including an explanation of any variances
- Coordinate tax collection and miscellaneous receivables
- Prepare all required schedules for year end audit
    - Prepare schedule of Bank Reconciliations
    - Prepare cash and Investment Confirmations for distribution to Authorized Public Depositories
      and Trustee of District Bond Issues
    - Prepare analysis of Accounts Receivable
    - Prepare schedule of Interfund Accounts
    - Prepare schedule of Payables from the Governments
    - Prepare schedule of all Prepaid Expenses
    - Prepare debt Confirmation Schedules
    - Prepare schedule of Accounts Payable
    - Prepare schedule of Changes in Fund Balances
    - Prepare schedule of Assessment Revenue compared to Budget
    - Prepare schedule of Interest Income and provide Reasonableness Test
    - Prepare schedule of Investments and Accrued Interest
    - Prepare analysis of All Other Revenue
    - Prepare analysis of Interest expenses and Calculate Accrued Interest Expense at Year End
    - Prepare schedule of Operating Transfers
    - Prepare schedule of Cash Receipts and Cash Disbursements
    - Prepare analysis of Cost of Development and Construction in Progress
    - Prepare analysis of Reserves for Encumbrances
    - Prepare analysis of Retainages Payable
    - Prepare Amortization and Depreciation Schedules
    - Prepare General Fixed Asset and General Long-Term Debt Account Groups
    - General Fixed Asset Accounting
    - Assets constructed by or donated to the District for maintenance
    - Inventories of District property in accordance with the Rules of the Auditor General

EXHIBIT "A" - continued

FEE SCHEDULE

River Ridge

GF-001

Management	$36,000
Computer Services	$1,000
Rentals and Leases	$3,000
Total Current contract	$40,000
Addendum to Contract	
Accounting	$5,000
Total Revised Contract	**$45,000**

TOTAL REVISED ANNUAL FEE $45,000

Exhibit B - Assessment Roll Management Proposal and Scope of Services

Wrathell, Hunt and Associates, LLC, would like to propose the following fees for its services for the River Ridge Community Development District.

The fee, proposed herein, reflects the types of and the levels of services currently provided to the District by its former provider and reflects the proposed fee for Fiscal Year 2023, which would be prorated based on the actual length of service. Fees for subsequent fiscal years would be adjusted by the CPI index but, in no event, would increase by more than $5 per annum.

Assessment Roll Management Services

FEE PROPOSED	**$3,250**

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT

9

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
PROPOSED BUDGET
FISCAL YEAR 2024

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
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RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
GENERAL FUND BUDGET
FISCAL YEAR 2024

	Fiscal Year 2023				
	Adopted Budget FY 2023	Actual through 3/31/2023	Projected through 9/30/2023	Total Actual & Projected	Proposed Budget FY 2024
REVENUES					
Assessment levy: on-roll - gross					
General	$ 247,406				$ 247,393
Allowable discounts (4%)	(9,896)				(9,896)
Assessment levy: on-roll - net	237,510	$ 226,923	$ 10,587	$ 237,510	237,497
Interest and miscellaneous	750	15	735	750	750
Total revenues	238,260	226,938	11,322	238,260	238,247
EXPENDITURES					
General					
Professional services					
Supervisors	10,918	4,091	6,827	10,918	10,918
Management/accounting	51,408	25,704	25,704	51,408	51,408
Audit	7,100	1,280	5,820	7,100	7,100
Special assessment preparation	6,500	-	6,500	6,500	6,500
Legal	10,000	1,783	8,217	10,000	10,000
Engineering	10,000	4,864	5,136	10,000	10,000
NPDES report filing	13,000	2,760	10,240	13,000	13,000
Telephone	400	200	200	400	400
Postage	1,000	591	409	1,000	1,000
Insurance	7,800	7,480	-	7,480	8,228
Printing & binding	750	375	375	750	750
Legal advertising	1,000	786	214	1,000	1,000
Contingencies	3,880	82	1,500	1,582	2,500
Subscriptions & memberships	175	175	-	175	175
Website maintenance					
Hosting	705	705	-	705	705
ADA compliance	210	-	210	210	210
Property taxes	-	9	-	9	9
Total Professional Services	124,846	50,885	71,352	122,237	123,903
Field Services					
Other contractual - field management					
Q & A	2,601	1,300	1,301	2,601	2,601
Contingencies	1,000	-	1,000	1,000	1,930
Other contractual	40,000	20,734	19,266	40,000	40,000
Street lighting	4,500	1,628	2,872	4,500	4,500
Plant replacement	4,000	-	4,000	4,000	4,000
Debt service (prin & int) 2022 note	19,500	-	19,500	19,500	19,500
Street sweeping	15,000	3,375	11,625	15,000	15,000
Roadway repairs	2,500	-	2,500	2,500	2,500
Aquascaping	20,000	2,270	17,730	20,000	20,000
Hurricane clean up (Ian Recovery)	-	4,850	-	4,850	-
Total Field Services	109,101	34,157	79,794	113,951	110,031

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
GENERAL FUND BUDGET
FISCAL YEAR 2024

	Fiscal Year 2023				
	Adopted Budget FY 2023	Actual through 3/31/2023	Projected through 9/30/2023	Total Actual & Projected	Proposed Budget FY 2024
Other Fees and Charges					
Property appraiser	1,725	-	1,725	1,725	1,725
Tax collector	2,588	2,278	310	2,588	2,588
Total Other Fees and Charges	4,313	2,278	2,035	4,313	4,313
Total Expenditures	238,260	87,320	153,181	240,501	238,247
Excess/(deficiency) of revenues over/(under) expenditures	-	139,618	(141,859)	(2,241)	-
Fund balance - beginning (unaudited)					
Unassigned	124,847	128,463	214,306	128,463	126,222
Fund balances - ending					
Assigned					
Working capital	59,565	53,775	-	-	59,562
Unassigned	65,282	214,306	126,222	126,222	66,660
Fund balance - ending (projected)	$ 124,847	$ 268,081	$ 126,222	$ 126,222	$ 126,222

Assessment Summary

	Number	Fiscal Year			Total
Units	of ERU's	2022	2023	2024	Revenue
Pelican Sound	1,299.0000	$ 129.41	$ 143.39	$ 143.39	$ 186,260
The Meadows	262.0000	129.41	143.39	143.39	37,567
Commercial along US 41	164.3534	129.41	143.39	143.39	23,566
	1,725.3534				247,393

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
DEFINITIONS OF GENERAL FUND EXPENDITURES

EXPENDITURES
General
Professional Services

Supervisors	$	10,918
The amount paid to each Supervisor for the time devoted to the District's business and monthly meetings. The amount permitted is $200 plus payroll taxes per meeting for each board member.		
Management/accounting		51,408
Wrathell, Hunt and Associates, LLC specializes in managing community development districts in the State of Florida by combining the knowledge, skills and experiences of a team of professionals to ensure compliance with all governmental requirements of the District, develop financing programs, administer the issuance of tax exempt bond financing's and finally operate and maintain the assets of the community.		
Audit		7,100
Statutorily required for the District to undertake an independent examination of its books, records and accounting procedures.		
Special assessment preparation		6,500
The District has a contract with AJC Associates, Inc., to prepare the annual assessment roll.		
Legal		10,000
Woodward, Pires & Lombardo, P.A., provide on-going general counsel and legal representation. These lawyers are confronted with issues relating to public finance, public bidding, rulemaking, open meetings, public records, real property dedications, conveyance and contracts. In this capacity, they provide service as "local government lawyers," realizing that this type of local government is very limited in its scope - providing infrastructure and services to development.		
Engineering		10,000
Hole Montes, Inc., provides a broad array of engineering, consulting and construction services to the District, which assists the District in crafting solutions with sustainability for the long term interests of the Community while recognizing the needs of government, the environment and maintenance of the District's facilities.		
NPDES report filing		13,000
As mandated, the District must participate in the National Pollutant Discharge Elimination System Program. It is designed to improve storm water quality through construction activity monitoring, periodic facility review and inspection, public education, etc.		
Telephone		400
Telephone and fax machine.		
Postage		1,000
Mailing of agenda packages, overnight deliveries, correspondence, etc.		
Insurance		8,228
The District carries public officials and general liability insurance with policies written by Preferred Government Insurance Trust. The limit of liability is set at $1,000,000.		
Printing & binding		750
Letterhead, envelopes, copies, etc.		
Legal advertising		1,000
The District advertises in The News Press for monthly meetings, special meetings, public hearings, bidding, etc.		

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
DEFINITIONS OF GENERAL FUND EXPENDITURES

EXPENDITURES (continued)

Contingencies 2,500

Bank charges, automated AP routing and other miscellaneous expenses that are incurred during the year.

Subscriptions & memberships 175

Annual fee paid to the Florida Department of Economic Opportunity.

Website maintenance

Hosting 705

ADA compliance 210

Field Services

Other contractual - field management

As part of the consulting manager's contract, the District retains the services of a field manager. The field manager is responsible for day-to-day field operations. These responsibilities include, but are not limited to, preparing and bidding of services and commodities, contract administration, hiring and maintaining qualified personnel, preparation of and implementation of operating schedules and policies, insuring compliance with all operating permits, prepare and implementing field operating budgets, a quality assurance program, providing information/education to the public regarding District programs and attending Board meetings. This service is provided by **Wrathell, Hunt and Associates, LLC**.

Q & A 2,601

Contingencies 1,930

These expenditures are for unforeseen costs that may arise in relation to the District's landscaping needs.

Other contractual 40,000

The District contracts with qualified companies to perform landscape, hardscape and lighting maintenance along Pelican Sound Drive between US 41 and the Pelican Sound guardhouse.

Street lighting 4,500

These expenditures are for the maintenance of the street lights along Pelican Sound Drive from US 41 to the Pelican Sound guardhouse as well as the seasonal holiday lighting program. The District has an agreement with Florida Power & Light (FPL) for this service.

Plant replacement 4,000

Provides for the replacement and renovation of landscape material.

Debt service (prin & int) 2022 note 19,500

For annual repayment of portion of note related to the Pelican Sound Blvd from US 41 to Gatehouse.

Street sweeping 15,000

The District anticipates providing this service on a bi-weekly basis and through an interlocal agreement with a neighboring a District.

Roadway repairs 2,500

The District anticipates continuing a routine repair and maintenance program during the fiscal year to include structural integrity items related to asphalt, curb and gutter repairs/replacement and re-striping on an as needed basis for the section of Pelican Sound Drive from US 41 to the gatehouse.

Aquascaping 20,000

These expenditures relate to the ongoing replacement and augmentation of the District's aquatic plantings within the water management system.

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
DEFINITIONS OF GENERAL FUND EXPENDITURES

EXPENDITURES (continued)	
Other Fees and Charges	
Property appraiser	1,725
The property appraiser charges $1.00 per parcel.	
Tax collector	2,588
The tax collector charges $1.50 per parcel.	
Total Expenditures	$ 238,247

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
SPECIAL REVENUE FUND BUDGET - PELICAN SOUND PROGRAM
FISCAL YEAR 2024

	Fiscal Year 2023				
	Adopted Budget FY 2023	Actual through 3/31/2023	Projected through 9/30/2023	Total Actual & Projected	Proposed Budget FY 2024
REVENUES					
Assessment levy: on-roll - gross					
Pelican Sound program	$1,129,147				$1,129,146
Allowable discounts (4%)	(45,166)				(45,166)
Assessment levy: on-roll - net	1,083,981	$1,025,468	$ 58,513	$1,083,981	1,083,980
Interest and miscellaneous	500	57	443	500	500
Total revenues	1,084,481	1,025,525	58,956	1,084,481	1,084,480
EXPENDITURES					
Pelican Sound Program (Lake & Wetland Maintenance/Roadway Resurface)					
Professional Services					
Audit	3,400	720	2,680	3,400	3,400
Legal	5,000	-	5,000	5,000	5,000
Engineering	20,000	12,017	7,983	20,000	21,000
Contingencies	600	-	600	600	600
Total Professional Services	29,000	12,737	16,263	29,000	30,000
Debt Service					
Interest expense	-	3,398	-	3,398	-
Total Debt Service	-	3,398	-	3,398	-
Other Contractual					
Field management	5,000	2,500	2,500	5,000	5,000
Lake and wetland operations	101,000	35,998	65,002	101,000	100,000
Drainage pipe annual inspection and cleaning	50,000	875	49,125	50,000	60,000
Drainage pipe repair	100,000	-	100,000	100,000	100,000
Lake bank remediation/dry retention enhance	50,000	-	50,000	50,000	55,000
2019 Note - capital outlay	90,000	-	90,000	90,000	90,000
Debt service (prin & int) 2022 note	370,500	-	370,500	370,500	365,000
Roadway RM/traffic calming	35,000	67,211	-	67,211	50,000
Aeration repair	-	988	(988)	-	-
Capital outlay	-	-	-	-	194,480
Contingencies	50,000	298	49,702	50,000	35,000
Total other contractual	851,500	107,870	775,841	883,711	1,054,480
Total Expenditures	880,500	124,005	792,104	912,711	1,084,480

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
SPECIAL REVENUE FUND BUDGET - PELICAN SOUND PROGRAM
FISCAL YEAR 2024

	Fiscal Year 2023				
	Adopted Budget FY 2023	Actual through 3/31/2023	Projected through 9/30/2023	Total Actual & Projected	Proposed Budget FY 2024
Excess/(deficiency) of revenues over/(under) expenditures	203,981	901,520	(733,148)	171,770	-
OTHER FINANCING SOURCES/(USES)					
Transfer Out	-	(26,725)	-	(26,725)	-
Total other financing sources/(uses)	-	(26,725)	-	(26,725)	-
Net change in fund balances	203,981	874,795	(733,148)	145,045	-
Fund balance - beginning (unaudited)					
Committed					
Unassigned	327,516	391,550	1,266,345	391,550	536,595
Fund balances - ending					
Assigned					
Working capital	271,120	-	-	-	271,120
Unassigned	260,377	1,266,345	533,197	536,595	265,475
Fund balance - ending (projected)	$ 531,497	$1,266,345	$ 533,197	$ 536,595	$ 536,595

Assessment Summary

Units	Number of ERU's	Fiscal Year 2022	Fiscal Year 2023	Fiscal Year 2024	Total Revenue
Pelican Sound	1,299.0000	$ 869.24	$ 869.24	$ 869.24	$1,129,146

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
DEFINITIONS OF SPECIAL REVENUE FUND EXPENDITURES

EXPENDITURES		
Pelican Sound Program (Lake & Wetland Maintenance/Roadway Resurface)		
Professional Services		
Audit	$	3,400
Legal		5,000
Engineering		21,000
Anticipates continued involvement in drainage remediation and roadway improvement projects.		
Field Services		
Other Contractual		
Field management		5,000
Lake and wetland operations		100,000
Cover the costs of hiring a qualified contractor to maintain the lakes and wetlands free of noxious, invasive and unwanted plant materials that would otherwise impede the flow of water or place the CDD in a position of non compliance with it's permits. Additionally, this account covers mwoing of River 6, E7 dye treatments January-April, H1-B periodic water testing and the Annual Nano Bubbler lease/purchase which will mature July 2026.		
Drainage pipe annual inspection and cleaning		
Covers costs of annual inspection and cleanout of the CDD's drainage pipes and control structures.		60,000
Drainage pipe repair		100,000
Lake bank remediation/dry retention enhance		55,000
Covers costs of lake bank erosion repairs as identified and prioritized annually. Also, includes $20k for dry retention area enhancements for 2024.		
2019 Note - capital outlay		90,000
In fiscal year 2019, the District secured financing for implementing additional drainage improvement projects and paver brick replacements program. This appropriation will be used to offset the annual cost of a loan to undertake these projects with repayment beginning October 2019 and ending April 2024.		
Debt service (prin & int) 2022 note		365,000
Covers the costs annual cost of financing the landscape renovation costs for the common areas and right-of-way as well as an overhaul and upgrade to the golf course sprinkler systems and controllers. A five year note that will mature in 2027.		
Roadway RM/traffic calming		50,000
Cover costs of repairs and maintenance as well as traffic calming initiatives with the		
Contingencies		35,000
Intended to cover the costs of either partial funding of Corkscrew entry roundabout paver/enhancement project or paying down existing loan debt.		
Total Expenditures	$	1,084,480

RIVER RIDGE CDD - PROPOSED BUDGET 2023-2029

3/21/2023

		FY21	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29
COSTS:										
PROFESIONAL SVS		17,293	32,807	30,000	35,000	35,000	40,000	40,000	45,000	45,000
ALL OTHER COSTS:										
Lakes/Wetlands		96,152	91,013	101,000	110,000	110,000	115,000	115,000	120,000	120,000
Pipe inspection		108,950	107,141	150,000	150,000	160,000	170,000	170,000	180,000	180,000
Lake Banks remediation		5,345	18,675	50,000	55,000	55,000	60,000	60,000	65,000	65,000
Roadways		40,406	33,508	35,000	50,000	50,000	55,000	55,000	60,000	60,000
Other		21,236	26,602	5,000	5,000	5,000	5,000	5,000	5,000	5,000
CONTINGENCIES		0	0	50,000	30,000	30,000	35,000	40,000	45,000	45,000
		289,382	309,746	421,000	435,000	445,000	480,000	485,000	520,000	520,000
DEBT SERVICE										
	2016									
	2017	126,608								
	2019	89,966	89,739	90,000	90,000					
	2022			370,500	365,000	365,000	365,000	365,000		
LOAN PROCEEDS				(1,680,750)						
CAPITAL OUTLAYS										
		505,956	399,485	(799,250)	890,000	810,000	845,000	850,000	520,000	520,000
FY22			583,853							
FY23 IRRIGATION				850,000						
FY23 LANDSCAPE				850,000						
FY24 STORM WATER MGMT					300,000	300,000				
FY25/26 GATE/MONUMENTS						220,000	460,000	460,000		
FY27 GATE ACCESS & TRAFFIC CALMING									200,000	
FY27/28 PHASE III/IV PAVERS									275,000	275,000
FY29 FUTURE PROJECTS										400,000
TOTAL CASH OUTLAY		505,956	983,338	900,750	1,190,000	1,330,000	1,305,000	1,310,000	995,000	1,195,000
ASSESSMENT NET		578,713	1,085,569	1,083,980	1,083,980	1,083,980	1,165,982	1,165,982	1,165,982	1,165,982
INTEREST		39	102	500	500	500	500	500	500	500
TOTAL		578,752	1,085,671	1,084,480	1,084,480	1,084,480	1,166,482	1,166,482	1,166,482	1,166,482
EXCESS/SHORTFALL		72,796	102,333	183,730	(105,520)	(245,520)	(138,518)	(143,518)	171,482	(28,518)
BEGINNING BALANCE		219,329								
CUMULATIVE		292,125	394,458	578,188	472,668	227,148	88,630	(54,888)	116,594	88,076
ASSESSMENT GROSS		602,600	1,129,146	1,129,146	1,129,146	1,129,146	1,214,565	1,214,565	1,214,565	1,214,565
	1299									
ASSESSMENT		463.90	869.24	869.24	869.24	869.24	935.00	935.00	935.00	935.00
INCREASE			405.35	0.00	0.00	0.00	65.76	0.00	0.00	0.00
PERCENT INCREASE			87.4%	0.0%	0.0%	0.0%	7.6%	0.0%	0.0%	0.0%

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT

UNAUDITED FINANCIAL STATEMENTS

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
FINANCIAL STATEMENTS
UNAUDITED
JUNE 30, 2023

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
BALANCE SHEET
GOVERNMENTAL FUNDS
JUNE 30, 2023

	General Fund	Special Revenue Fund	Series 2022A Note	Series 2022B Note	Total Governmental Funds
ASSETS					
Cash					
SunTrust					
Operating	$ 250,966	$ -	$ -	$ -	$ 250,966
Loan account 2019	-	75,316	-	-	75,316
SRF - Pelican Sound	-	723,246	-	-	723,246
Series 2022A note	-	-	71,448	-	71,448
Series 2022B note	-	-	-	112,173	112,173
Note reserve 2019	-	10,004	-	-	10,004
Due from general fund	-	2,508	-	-	2,508
Total assets	$ 250,966	$ 811,074	$ 71,448	$112,173	$ 1,245,661
LIABILITIES					
Accounts payable	$ 9,748	$ 17,886	$ 9,005	$ -	$ 36,639
Due to SRF - Pelican Sound	2,508	-	-	-	2,508
Total liabilities	12,256	17,886	9,005	-	39,147
FUND BALANCE					
Assigned					
Working capital	59,565	271,120	-	-	330,685
Restricted for					
Debt service	-	-	62,443	112,173	174,616
Unassigned	179,145	522,068	-	-	701,213
Total fund balance	238,710	793,188	62,443	112,173	1,206,514
Total liabilities and fund balance	$ 250,966	$ 811,074	$ 71,448	$112,173	$ 1,245,661

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
STATEMENT OF REVENUES, EXPENDITURES,
AND CHANGES IN FUND BALANCES - GENERAL FUND
FOR THE PERIOD ENDED JUNE 30, 2023

	Current Month	Year to Date	Budget	% of Budget
REVENUES				
Assessment levy	$ 1,349	$ 237,943	$ 237,510	100%
Interest & miscellaneous	-	41	750	5%
Total revenues	1,349	237,984	238,260	100%
EXPENDITURES				
Administrative				
Supervisors	-	7,320	10,918	67%
Management/accounting	4,284	38,556	51,408	75%
Audit	-	4,544	7,100	64%
Special assessment preparation	-	-	6,500	0%
Legal fees	2,165	6,900	10,000	69%
Engineering	1,135	11,677	10,000	117%
NPDES reporting filing	3,400	8,360	13,000	64%
Telephone	33	300	400	75%
Postage	16	1,035	1,000	104%
Insurance	-	7,480	7,800	96%
Printing & binding	62	563	750	75%
Legal advertising	-	786	1,000	79%
Office expenses & supplies	-	80	-	N/A
Contingencies	-	205	3,880	5%
Subscriptions & memberships	-	175	175	100%
Meeting room	-	-	-	N/A
Website maintenance	-	705	705	100%
ADA website compliance	-	-	210	0%
Property taxes	-	9	-	N/A
Total administrative	11,095	88,695	124,846	71%
Field services				
Other contractual - field management Q & A	217	1,951	2,601	75%
Contingencies	-	-	1,000	0%
Other contractual	-	33,652	40,000	84%
Electricity	835	835	-	N/A
Street lighting	-	2,611	4,500	58%
Plant replacement	-	-	4,000	0%
Debt service (prin & int) 2022 note	-	-	19,500	0%
Street sweeping	-	3,375	15,000	23%
Roadway repairs	-	-	2,500	0%
Aquascaping	-	2,270	20,000	11%
Hurricane clean-up (Ian Recovery)	-	4,850	-	N/A
Total field services	1,052	49,544	109,101	45%

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
STATEMENT OF REVENUES, EXPENDITURES,
AND CHANGES IN FUND BALANCES - GENERAL FUND
FOR THE PERIOD ENDED JUNE 30, 2023

	Current Month	Year to Date	Budget	% of Budget
Other fees and charges				
Property appraiser	-	-	1,725	0%
Tax collector	-	2,277	2,588	88%
Total other fees and charges	-	2,277	4,313	53%
Subtotal expenditures: general	12,147	140,516	238,260	59%
OTHER FINANCING SOURCES				
Transfers In	-	10,000		
Total other financing sources	-	10,000	-	N/A
Net change in fund balances	(10,798)	107,468	-	
Fund balances - beginning				
Unassigned	249,508	131,242	108,879	
Fund balances - ending				
Assigned				
Working capital	59,565	59,565	59,565	
Unassigned	179,145	179,145	49,314	
Fund balances - ending	$ 238,710	$ 238,710	$ 108,879	

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
STATEMENT OF REVENUES, EXPENDITURES,
AND CHANGES IN FUND BALANCES:
SPECIAL REVENUE FUND - PELICAN SOUND PROGRAM
FOR THE PERIOD ENDED JUNE 30, 2023

	Current Month	Year to Date	Budget	% of Budget
REVENUES				
Assessment levy: Pelican Sound	$ 6,159	$ 1,075,772	$ 1,083,981	99%
Interest & miscellaneous: Pelican Sound	-	57	500	11%
Total revenues	6,159	1,075,829	1,084,481	99%
EXPENDITURES				
Professional services				
Audit	-	2,556	3,400	75%
Legal	-	-	5,000	0%
Engineering	1,400	13,907	20,000	70%
Contingencies	-	-	600	0%
Total professional services	1,400	16,463	29,000	57%
Field services				
Capital Outlay	-	2,241	-	N/A
Total Field services	-	2,241	-	N/A
Debt Service				
Principal expense	-	398,994	-	N/A
Interst expense	-	38,025	-	N/A
Total debt service	-	437,019	-	N/A
Other contractual				
Field management	416	3,750	5,000	75%
Lake/wetland	6,723	58,147	101,000	58%
Drainage pipe annual inspection and cleaning	-	6,175	50,000	12%
Drainage pipe repair	-	27,850	100,000	28%
Lake bank remediation	-	4,000	50,000	8%
2019 Note - capital outlay	-	-	90,000	0%
Debt service (prin & int) 2022 note	-	-	370,500	0%
Roadway RM/traffic calming	-	77,231	35,000	221%
Aeration repair	3,306	4,294	-	N/A
Contingencies	-	296	50,000	0%
Total other contractual	10,445	181,743	851,500	21%
Total expenditures	11,845	637,466	880,500	72%
OTHER FINANCING SOURCES				
Transfer out	-	(36,725)	-	N/A
Total other financing sources	-	(36,725)	-	N/A
Net change in fund balances	(5,686)	401,638	203,981	
Fund balances - beginning				
Unassigned	798,874	391,550	327,516	
Fund balances - ending				
Assigned				
Working capital	271,120	271,120	271,120	
Unassigned	522,068	522,068	260,377	
Fund balances - ending	$ 793,188	$ 793,188	$ 531,497	

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
STATEMENT OF REVENUES, EXPENDITURES,
AND CHANGES IN FUND BALANCES:
SPECIAL REVENUE FUND - SERIES 2022A
FOR THE PERIOD ENDED JUNE 30, 2023

	Current Month	Year to Date
REVENUES	$ -	$ -
Total revenues	-	-
EXPENDITURES		
Cap Outlay	-	187,196
Total Field services	-	187,196
Debt Service		
Interst expense	-	11,890
Total debt service	-	11,890
Total expenditures	-	199,086
OTHER FINANCING SOURCES		
Transfer in	-	11,890
Total other financing sources	-	11,890
Net change in fund balances	-	(187,196)
Fund balances - beginning		
Unassigned	62,443	249,639
Fund balances - ending	$ 62,443	$ 62,443

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
STATEMENT OF REVENUES, EXPENDITURES,
AND CHANGES IN FUND BALANCES:
SPECIAL REVENUE FUND - SERIES 2022B
FOR THE PERIOD ENDED JUNE 30, 2023

	Current Month	Year to Date
REVENUES	$ -	$ -
Total revenues	-	-
EXPENDITURES		
Debt Service		
Interest expense	-	14,835
Total debt service	-	14,835
Other contractual		
Capital outlay	-	462,142
Total other contractual	-	462,142
Total expenditures	-	476,977
OTHER FINANCING SOURCES		
Transfer in	-	14,835
Total other financing sources	-	14,835
Net change in fund balances	-	(462,142)
Fund balances - beginning		
Unassigned	112,173	574,315
Fund balances - ending	$ 112,173	$ 112,173

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT
CHECK REGISTER
JUNE 30, 2023

River Ridge CDD
Check Detail
June 2023

Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Bill Pmt -Check	**CBI**	**06/05/2023**	**FPL**		**151.003 · SRF - Pelic...**		**-834.47**
Bill	55697-...	06/05/2023			538.430 · Electricity	-349.57	349.57
Bill	67220-...	06/05/2023			538.430 · Electricity	-484.90	484.90
TOTAL						-834.47	834.47
Bill Pmt -Check	**CBI**	**06/05/2023**	**FEDEX**		**151.003 · SRF - Pelic...**		**-16.30**
Bill	8-147-...	06/05/2023			519.410 · Postage	-16.30	16.30
TOTAL						-16.30	16.30
Bill Pmt -Check	**6304**	**06/05/2023**	**HOLE MONTES, INC.**		**151.003 · SRF - Pelic...**		**-2,535.00**
Bill	91157	06/05/2023			519.320 · Engineering	-1,400.00	1,400.00
					519.320 · Engineering	-1,135.00	1,135.00
TOTAL						-2,535.00	2,535.00
Bill Pmt -Check	**6305**	**06/05/2023**	**JOHNSON ENGINEE...**		**151.003 · SRF - Pelic...**		**-3,400.00**
Bill	200444...	06/05/2023			538.300 · NPDES Pro...	-3,400.00	3,400.00
TOTAL						-3,400.00	3,400.00
Bill Pmt -Check	**6306**	**06/05/2023**	**PREMIER LAKES**		**151.003 · SRF - Pelic...**		**-10,029.00**
Bill	1088	06/05/2023			539.026 · Aeration rep...	-3,306.00	3,306.00
Bill	1109	06/05/2023			539.021 · Lake/Wetland	-838.00	838.00
Bill	1083	06/05/2023			539.021 · Lake/Wetland	-130.00	130.00
Bill	1093	06/05/2023			539.021 · Lake/Wetland	-5,755.00	5,755.00
TOTAL						-10,029.00	10,029.00
Bill Pmt -Check	**6307**	**06/05/2023**	**WOODWARD, PIRES...**		**151.003 · SRF - Pelic...**		**-2,164.60**
Bill	22921	06/05/2023			514.310 · Legal Fees	-1,168.95	1,168.95
Bill	30963	06/05/2023			514.310 · Legal Fees	-995.65	995.65
TOTAL						-2,164.60	2,164.60
Bill Pmt -Check	**6308**	**06/05/2023**	**WRATHELL, HUNT A...**		**151.003 · SRF - Pelic...**		**-5,013.25**
Bill	2021-3...	06/05/2023			513.311 · Management	-4,284.00	4,284.00
					519.411 · Telephone	-33.33	33.33
					519.470 · Printing and...	-62.50	62.50
					539.020 · Field Manag...	-416.67	416.67
					538.336 · Q & A	-216.75	216.75
TOTAL						-5,013.25	5,013.25
Check	**6309**	**06/13/2023**	**JOHNSON ENGINEE...**		**151.002 · Suntrust O...**		**-500.00**
					538.300 · NPDES Pro...	-500.00	500.00
TOTAL						-500.00	500.00

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT

UNAUDITED FINANCIAL STATEMENTS

A

River Ridge CDD

Pelican Sound Program Updated 7.12.23

	Budget	YTD Actual	Planned/ Encumbered	Total	Variance
Drainage Pipe Inspections & Cleaning	50,000	6,175	86,350	92,525	-42,525
Draianage Pipe Repair	100,000	33,151	39,900	73,051	26,949
Roadway	35,000	111,193		111,193	-76,193
Lake Bank Remediation	50,000	7,775		7,775	42,225
Aeration Repairs	0	7,865		7,865	-7,865
Lakes/Wetlands	101,000	3,963	85,508	89,471	11,529
	336,000	170,122	211,758	381,880	-45,880
Contingencies	50,000	298		298	49,702
Grand Total					3,822

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT

UNAUDITED FINANCIAL STATEMENTS B

River Ridge Breakdown
July 12, 2023

Summary:

Drainage Pipe Annual Inspection & Cleaning Projects:

- Florida Painters – Outfall Structure Painting - $875.00
- MRI, Inspection – Annual Storm Structure Inspections - $5,300.00 (and includes Hammock Greens)
- MRI, Inspection – Annual Storm Structure Cleaning - $86,350

Total: $92,525.00

Planned Drainage Pipe Repair:

- MRI Construction – May/June 2023 Repair Projects (approved 5/24/22 by the Board)
    1. CB103 – 6" crack in 18" Pipe - $12,850.00
    2. CB213 – Replacement of 2 grates - $1,850.00
    3. CB132 – Sink hole around box – $1,200.00
    4. CB104 & CB105 – Replacement of riser on man-hole - $2,800.00
    5. CB96 – Crack at first two sections of Pipe; replacing two, eight-foot sections of the pipe - $10,000.00
    6. CB4 – Lining the pipe due to pipe broken - $11,200.00

    Total: $39,900 (Work to be completed during the months of May thru July)

- MRI Construction:
    7. Dry Retention @ River 4 drain repair - $8,200.00
    8. E-2 Weir Structure Repair adjacent to River Course #7 - $9,827.00
    9. Pinehurst CB-166 Swale Repair - $5,823.91
    10. Structure CB-255 Rip/Rap Drain Structure - $6,800.00 (approved 5.23.23)
    11. CB 96 – C/O #2 – Removal & Replacement of an additional 8' section of 24" RCP Pipe located @ H1-A/Turnberry Lake Drive (7/6/23) - $2,500.00

    Total: $33,150.91

    Overall Total: $73,050.91

Roadway Maintenance & Traffic Calming:

- Collier Paving – October $63,744.00 (Sidewalk/Grinding/Valley Gutter Curbs/Roots/& Asphalt)
- Collier Paving – January - $3,467.25 (Sidewalk Replacement)
- Lykins Sign-Tek - Hurricane Ian Sign Repairs/Replacements - $9,540.00
- Collier Paving – December - $10,020.00 (Turnberry Repairs approved October 2021)

- Collier Paving – May – $24,422.16 - (Sidewalk Grinding/Repairs/Replacements)

Total: $111,193.16

Lake Bank Remediation/Dry Retention Enhance:

- Solitude Lake Management – November – Cord Grass Trimming
  Along River Course #4, #6 - #8 - $2,275.00
- Premier Lakes – February – Hurricane Ian Debris Removal Project – Dry Retention & FPL Flow-way - $4,000.00
- Premier Lakes – June – Sound 9 Conservation Trimming - $650.00
- Premier Lakes – May – Mowing of River 6 - $850.00

Total: $7,775.00

Lake/Wetland:

- Current Contract - $69,060.00
- Nano Bubblers Lease Equipment w/ Solitude - $16,448.00 – ($8,224.00 represents six months reimbursement request (H1-A, H1-B & E7-A))
- Nano Bubbler Lease Agreement w Univest Capital Monthly Installments + Doc Fee - $3,577.62 represents invoices for the months of July/August & $385.00 Doc Fee. $3,962.62

Total: $89,470.62

Aeration Repairs:

- E4-A & H1-B Bio-Generator Repairs - $500.00
- H1-B, E4-A, H1-C, H2-A, E7-A, E3-C & E1-E - $2871.00
- E4-A, E7-A, E3-C & E1-E - $3,306.00
- H1-A - $350.00 (insulation and quiet muffler install)
- E8-A - $838.00 (Compressor Replacement – July)

(Repairs include broken diffuser bases, diffuser stone replacements, compressor)

Total: $7,865.00

Contingencies:

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT

MINUTES

MINUTES OF MEETING
RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT

The River Ridge Community Development District Board of Supervisors held a Regular Meeting on June 27, 2023 at 1:00 p.m., in the Sound Room at the River Club Conference Center (Second Floor of Fitness Center), 4584 Pelican Sound Boulevard, Estero, Florida 33928, via Zoom at https://us02web.zoom.us/j/82086246862 and telephone at 1-929-205-6099, Meeting ID: 820 8624 6862 for both.

Present were:

Bob Schultz (via phone/Zoom)	Chair
Terry Mountford	Vice Chair
Robert Twombly	Assistant Secretary
Jim Gilman	Assistant Secretary
Kurt Blumenthal (via phone/Zoom)	Assistant Secretary

Also present were:

Chuck Adams	District Manager
Cleo Adams	District Manager
Shane Willis	Operations Manager
Tony Pires	District Counsel
Charlie Krebs	District Engineer
Jim McGivern (via telephone)	PSGRC President
Eric Long	PSGRC General Manager
Alex Kurth	Premier Lakes, Inc. (Premier)
Tony Grau (via telephone)	Grau & Associates
Pat Weiss	Resident & NVR of Pinehurst
Ed Nowak (via telephone)	Resident
Scott Gallagher	Resident
Shari Perkins	Resident
Larry Fiesel	Resident

FIRST ORDER OF BUSINESS **Call to Order/Roll Call**

Mrs. Adams called the meeting to order at 1:04 p.m.

Supervisors Mountford, Twombly, and Gilman were present. Supervisor Schultz attended via phone/Zoom. Mr. Blumenthal was not present at roll call.

On MOTION by Mr. Mountford and seconded by Mr. Gilman, with all in favor, authorizing Mr. Schultz's attendance and full participation, via phone/Zoom, due to exceptional circumstances, was approved.

SECOND ORDER OF BUSINESS **Public Comments: Agenda Items (5 minutes per speaker)**

Resident and NVR of Pinehurst Pat Weiss, distributed and presented the concerns of the 4511 and 4515 Pinehurst Greens Court residents about drainage issues from water overflowing from the pond on Lakes Hole #1 to the street drains, due to Hurricane Ian. Before and after photographs were provided. He thinks the conditions will worsen if not addressed. Mr. Krebs stated it is normal driveway "wear and tear" from heavy storms over the years. Mr. Adams agreed that it is a paver issue and the photographs do not show any hairline fracture in the curb so it is the homeowner's responsibility. Mr. Krebs will evaluate the condition of the gutters in relation to the pavers and advise accordingly.

Resident Ed Nowak asked about plugging the abandoned transverse drain. Mr. Krebs stated that M.R.I. Construction, Inc. (MRI) is researching its records to confirm whether they patched the drain coming from the dry retention area to the Corkscrew Road roundabout entrance. Mrs. Adams stated the document behind Agenda Item 11B supports that MRI completed the project and will commence work on the remaining two tomorrow. Mr. Nowak asked about the South Florida Water Management District (SFWMD) issuing a permit to remove vegetative debris in the conservation area. Mrs. Adams stated hurricane debris removal was completed in the dry retention areas (DRAs) and Florida Power & Light (FPL), to the outflow project. Mr. Krebs stated SFWMD's last email indicates a permit was not issued to the PSGRC to remove debris from the preserves.

Regarding the riprap project, it was noted that MRI cleaned and repaired the inlet drainage structure to enable better flow.

THIRD ORDER OF BUSINESS **Presentation of Audited Basic Financial Statements for the Fiscal Year Ended September 30, 2022, Prepared by Grau & Associates**

Mr. Grau presented the draft Audited Basic Financial Statements for the Fiscal Year Ended September 30, 2022. There were no findings, irregularities or instances of noncompliance. It was an unmodified opinion, otherwise known as a clean audit. No changes are anticipated.

FOURTH ORDER OF BUSINESS **Consideration of Resolution 2023-04, Hereby Accepting the Audited Basic Financial Statements for the Fiscal Year Ended September 30, 2022**

On MOTION by Mr. Mountford and seconded by Mr. Twombly, with all in favor, Resolution 2023-04, Hereby Accepting the Audited Basic Financial Statements for the Fiscal Year Ended September 30, 2022, was adopted.

FIFTH ORDER OF BUSINESS **Update: Premier Lakes, Inc. [Alex Kurth]**

Mr. Kurth reported the following:

- The newer nano-bubbler equipment installation was completed and better water clarity was observed. It was noted that SOLitude has not removed the old equipment, which was relocated to the PSGRC maintenance facility.

Mr. Blumenthal joined the meeting at 1:30 p.m., via phone/Zoom.

On MOTION by Mr. Twombly and seconded by Mr. Gilman, with all in favor, authorizing Mr. Blumenthal's attendance and full participation, via phone/Zoom, due to exceptional circumstances, was approved.

Regarding the Lake H1-A aerator, Mr. Willis has not received any noise complaints. The newer equipment is quieter because it runs on lower pounds per square inch (PSI) pressure.

- 50% of the dry retention River Course #6 was mowed on June 9, 2023.
- Replaced the Lake E1-C aeration compressor.
- Treated each lake for grass except Lake E1-C, which is scheduled for this week.
- Lakes H1-A and H1-B will be treated for submersed weeds this week.
- Algae growth is minimal and will be treated as needed.
- Completed the second DRA quarterly maintenance plan. Used two types of treatments to address submersed vegetation and debris removal in the flow-ways and DRAs. The areas will be reinspected and retreated as needed in the next two to three weeks to ensure proper drainage, in preparation of the upcoming hurricane season.
- The semi-annual treatment plan in the conservation areas commenced and is expected to be completed in early July.

Regarding why the ponds are murky, it was noted that it might be due to water quality changes from Hurricane Ian salt water intrusion. Tests will be necessary for a definitive answer.

Regarding the Pelican Sound #9 trimming project, Mrs. Adams will be executing the proposal that she just received. Regarding the Sound #9 conservation area request, Mr. Krebs is waiting for the SFWMD to advise if the 12 downed live Silver Buttonwood trees can be staked.

SIXTH ORDER OF BUSINESS **Presentation of Annual Quality Assurance Audit: Lake Maintenance and Dry Retention**

Mr. Willis highlighted portions of the Audit, as follows:

A. Memorandum: Lake Maintenance

- Lake E8-A: Proposals will be obtained for lake bank restoration and added to the Fiscal Year 2024 budget.
- Lake H1-A: Lake bank restoration work will be necessary in the next three or four years.
- Littoral shelf planting will be necessary in various lakes noted in the Audit. Work is expected to commence in late-July, when water levels rise.

B. Evaluation Sheets/Photos

C. Memorandum: Dry Retention

- The new maintenance vendor, Premier, is doing a great job clearing debris and returning the DRAs back into compliance. The project is about 70% complete.

Regarding Lake #E4-A, Mr. Willis stated he sent a letter to the HOA explaining the purpose of the littorals and why they should not have removed them; he will email the letter to Mr. Schultz and Mrs. Adams. Mr. Willis stated that he will obtain a separate proposal and prepare a second letter to the HOA seeking reimbursement. Mr. Pires will review the letter before it is sent.

D. Photos

SEVENTH ORDER OF BUSINESS **Discussion: Safety Hazard Request Letter [Pelican Sound Dr. and Pelican Sound Blvd. Intersection]**

Mr. Schultz suggested Mr. Krebs evaluate this, ensure compliance, determine if safety and traffic flow at the intersection can be improved, determine an appropriate study to proceed with and provide the time and cost involved. He suggested responding to Mr. Long's letter, sent on behalf of the Pelican Sound Public Affairs Advisor Panel's requests.

Board Members voiced their opinion that this intersection and the monument sign are dangerous areas that should be addressed but drivers should follow the rules of the road. It was noted that the monument will not be relocated for a couple of years.

This item will remain on the agenda.

EIGHTH ORDER OF BUSINESS **Consideration of Collier Paving and Concrete, Divisions of Southern Striping Solutions, LLC, Estimate #23-284 for Solar Pedestrian Crosswalk Street Signage**

Mr. Willis presented Estimate #23-284. The replacement cost is $5,000 less than to repair the crosswalk at the Meadows of Estero. New sensor-activated technology being used at Mediterra CDD and in Marco Island, Naples and Pelican Bay, was discussed. Mr. Willis will obtain a quote for the alternate option and Mr. Krebs will review requirements to alter a crosswalk.

This item will remain on the agenda.

NINTH ORDER OF BUSINESS **Discussion: Fiscal Year 2024 Budget**

Mr. Long distributed and discussed supporting documents to address Lee County Utilities (LCU) cutting back 50% to 60% of the reclaimed water to the CDD and other communities due to the Three Oaks Water Reclamation Facility (WRF) expansion project. This will affect the Fiscal Year 2024 budget. He discussed permit constraints and presented options to pull water from Lakes 9 and 1 and the recharged well, which requires other options to offset the overall deficit.

Option 1 is quoted to be approximately $300,000, as the Labell Well Drilling proposal of $213,317 excludes the costs for electrical and the permit requirements.

Mr. Krebs will present a quote from Hydrologist Kirk Martin to increase the CDD's allocation, at the next meeting, which will require SFWMD approval to proceed with the additional draw down. If approved, Mr. Martin will need to address salinity concerns.

Mr. Long stated that the pipe in the abandoned well is being repaired and a cost estimate is pending to upsize the existing well from 35 to 40 HP, 75 HP will require upsizing the existing 8" casing to 12". Mr. Long asked for other references. Suggestions included Bullseye Drilling, Golden Gate Well Drilling and Youngquist Brothers. Mr. Blumenthal thinks projects on the 5-Year Plan might need to be deferred due to irrigation concerns. He suggested keeping the proposed Fiscal Year 2024 budget as is and repurpose funds accordingly.

This item will remain on the agenda.

Mrs. Adams will email her notes to the Board by the end of the week.

TENTH ORDER OF BUSINESS **Acceptance of Unaudited Financial Statements as of May 31, 2023**

A. Budget Variance

B. Breakdown

These items were included for informational purposes.

The financials were accepted.

ELEVENTH ORDER OF BUSINESS **Approval of May 23, 2023 Regular Meeting Minutes**

On MOTION by Mr. Mountford and seconded by Mr. Gilman, with all in favor, the May 23, 2023 Regular Meeting Minutes, as presented, were approved.

- **Active Action and Agenda Items**

Items 8, 10, 12, 14, 15, 16, 17 and 18 were completed.

Item 5: Mr. Krebs is waiting for MRI to confirm that the pipe was sealed.

Item 6: Mr. Krebs is waiting on a sketch and the legal to get the easement from the golf course before conveying it to the CDD.

Item 7: Mr. Pires will send a follow up letter to SOLitude and copy the Sherriff's Department, allowing for SOLitude another 30 days to remove its equipment from the maintenance facility; after which, the CDD will depose of it accordingly.

Mrs. Adams stated SOLitude has not reimbursed the CDD the approximately $8,000 owed. Mr. Pires recommended filing a small claims action in County court.

On MOTION by Mr. Twombly and seconded by Mr. Mountford, with all in favor, authorizing District Counsel and his Associates and District Staff to prepare and file a Statement of Claim in small claims court against SOLitude for no more than $8,000, was approved.

Item 13: This is mostly completed, except for the CDD needing License Agreements for the fountains. Mr. Pires will email a template to Mr. Long to prepare one for The Masters and

Edgewater and two for Island Sound. The Island Sound fountains are not working and an agreement is not needed if the PSGRC does not plan to repair them.

Item 16: Mr. Krebs stated Collier Paving inspected and did not recommend seal coating the damaged area. He will email the information to Mrs. Adams to forward as necessary.

TWELFTH ORDER OF BUSINESS Staff Reports

A. District Counsel: Woodward Pires & Lombardo, P.A.

B. District Engineer: Hole Montes, Inc.

There were no District Counsel or District Engineer reports.

Asked about MRI working around Lake 9, Mr. Krebs stated that, before the golf course can start pulling water from Lake 9, they needed to make sure the inlet is 100% clear of debris. MRI is not expected to finish the CDD pipe cleaning project until mid-July.

C. District Manager: Wrathell, Hunt and Associates, LLC

I. Key Activity Dates

Mrs. Adams provided additional updates to the June 2023 Key Activity Dates list, including when certain tasks were or are expected to be completed.

II. NEXT MEETING DATE: July 25, 2023 at 1:00 PM

- **QUORUM CHECK**

Mr. Gilman, Mr. Blumental and Mr. Twombly confirmed their in-person attendance at the July 25, 2023 meeting. Mr. Schultz and Mr. Mountford will attend via phone/Zoom.

THIRTEENTH ORDER OF BUSINESS Supervisors' Requests and Public Comments (5 minutes per speaker)

Mr. Gilman stated that Ms. Major advised that the wall fabrication is completed and expects it to be installed at the shopping center in two to three weeks.

Mr. Schultz stated that he did not receive the email with the digital version of the agenda. Mrs. Adams will advise the Admin Department.

FOURTEENTH ORDER OF BUSINESS Adjournment

On MOTION by Mr. Mountford and seconded by Mr. Twombly, with all in favor, the meeting adjourned at 2:55 p.m.

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259 _____ _____
260 Secretary/Assistant Secretary Chair/Vice Chair

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT

ACTIVE ACTION AND AGENDA ITEMS

RIVER RIDGE CDD

ACTIVE ACTION AND AGENDA ITEMS

From 6.27.23 Meeting – for 7.25.23 Agenda

1.	**CONTINUING**	Speakers to identify themselves.
2.	**ACTION/AGENDA**	**10.26.21** Mr. Childers: Follow up on request for FPL to install street light at intersection of Pelican Sound Drive and Southern Hills Drive. **03.22.22** Travis waiting for FPL to return his call. **12.13.22** Mr. Long: Ask FPL to repair and relocate downed street light to the new preferred location. **02.28.23** FPL started work on repairs and varied issues. **ONGOING**
3.	**ACTION**	**12.14.21** PSGRC: Send periodical e-blast communications. **ONGOING**
4.	**ACTION**	Mr. Long: Continue sending e-blasts that CDD might take action if drivers do not adhere to stop signs and if violations increase. **ONGOING**
5.	**ACTION**	**12.13.22** Mr. Krebs: Continue addressing Pinehurst drainage concerns. **06.27.23** Waiting for MRI to confirm if pipe was sealed. **ONGOING**
6.	**ACTION**	**01.24.23** Mr. Krebs: Inspect SE corner of The Masters and request quotes for work. **02.28.23/03.28.23** Obtain quotes from MRI for stormwater management project, such as inspect inlet and grout the pipe in DRA. Email Mrs. Adams location of Master Circle inlet and include more details in stormwater improvement write up. **ONGOING**
7.	**ACTION**	**03.28.23** Mr. Pires/Mrs. Adams: Review & incorporate additional language to Mrs. Adams' cancellation notice to SOLitude **COMPLETED after 03.28.23 meeting. 05.23.23** Mr. Pires: Follow up if equipment is removed after 06.11.23 deadline expires. **06.27.23** Mr. Pires: Send follow up letter to SOLitude to remove equipment. District Counsel Associate & District Staff: Prep & file Statement of Claim in small claims court for money owed to the CDD. **ONGOING**
8.	**ACTION**	**03.28.23** Mr. Krebs: Speak to SFWMD about ability to remove vegetation debris in conservation area. **ONGOING**
9.	**ACTION**	**03.28.23** Ms. Adams: Reconcile final costs of landscaping outside Pelican Sound Dr. gate project & ensure it is coded to General Fund. **ONGOING**
10.	**ACTION**	**05.23.23** Mr. Adams: For lakes, fountains and aerators, review/confirm Consent to Use Agreement is in order. **06.27.23** All completed except fountains. Mr. Pires: Provide Mr. Long with License Agreement template for the four fountains. **ONGOING**
11.	**ACTION**	**05.23.23** Mr. Krebs: Inspect asphalt around west side of Island Sound circle and four-story buildings. If warranted, obtain proposal to coat damaged area. **06.27.23** Mr. Krebs: Email Collier Paving opinion that seal coating is a waste of money to Mrs. Adams to forward as necessary.

Sketch and legal from golf course are pending before it can be conveyed to the CDD. **ONGOING**

12. ACTION **06.27.23** Mrs. Adams: Advise Admin Dept that Mr. Schultz did not receive email with digital agenda. **COMPLETED after 06.27.23 mtg**

13. ACTION **06.27.23** Mr. Krebs: Evaluate gutters at 4511 & 4515 Pinehurst Greens Ct in relation to pavers & provide opinion at next meeting. **ONGOING**

14. ACTION **06.27.23** Mr. Krebs: Sound #9 Conservation area waiting on SFWMD to advise if 12 downed Silver Buttonwood trees can be staked. **ONGOING**

15. ACTION **06.27.23** Mr. Willis: Obtain proposals for lake bank restoration & add costs into FY 2024 budget. Obtain separate proposal & prep letter to homeowner to reimburse CDD for littorals removed. Mr. Pires to review before sending. **ONGOING**

16. ACTION **06.27.23** Mr. Krebs: Pelican Sound Dr & Pelican Sound Blvd intersection letter - inspect/ensure area is in compliance. Provide recommendation of proper study, ways to improve safety and traffic flow and the costs and timeline. **ONGOING**

17. ACTION **06.27.23** Mr. Krebs: Obtain proposal for alternate crosswalk signage option & review requirements to alter crosswalk. **ONGOING**

18. ACTION **06.27.23** Mr. Krebs: Present quote from Hydrologist Kirk Martin for ways to increase the CCD's water allocations to offset deficiency due to reduction by Three Oaks Water Reclamation Facility. **ONGOING**

19. ACTION **06.27.23** Mrs. Adams: Email today's notes to the Board. **COMPLETED after 06.27.23 mtg**

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT

STAFF REPORTS CI

RIVER RIDGE CDD
Key Activity Dates
Updated: July 2023

Description	Reference	Submit To	Due Date	MONTH/DATE
FPL and Outfall Ditch	SOP	N/A	Quarterly reviews and maintenance performed as required. Maintenance performed/completed June 12th.	Jan/May/July/Oct
Bubble-Up Structures located between Gleneagles/Golf Course within the Dry Retention	SOP	N/A	Quarterly reviews and maintenance performed as required. Maintenance performed/completed June 12th.	Jan/April/July/Oct
Control Structure CB-166 adjacent to Pinehurst Greens Drive	SOP	N/A	Quarterly reviews and maintenance of any required debris removal. Completed June 12th.	March/June/September/December
Dry Retention River Course #6	SOP	N/A	50% Mowing of Zone 1 completed in the Spring 2022; 50% mowing of Zone 1 will be completed June 9, 2023; with no mowing in the Spring of 2024.	2022 thru 2024
Dry Retention Cord Grass Trimming	SOP	N/A	Annual Cord Grass trimming was completed November 21, 2022. Cord Grass trimming has been scheduled for October 23, 2023.	10/1/2023
River (8) Tee Box Harvesting & H1-B Canna Lilly trimming	SOP	N/A	Harvesting completed May 2023. Staff to mow Canna Lilly at this location, as well as H1-B (resident side of pond) Completed in October, 2022; on an annual basis and may be necessary twice per year. May 2023 Not Needed.	May/October
Lake & Dry Retention Audit Report	SOP	N/A	Annual inspection and report of all District owned Lakes & Dry Retention. Report includes review of specific items related to water quality, lake maintenance deficiencies, littoral plant health and population, structural integrity of lake banks and pipework, aerator operation and any unauthorized activities in or adjacent to the lakes. Audit Completed on Monday, May 22,2023.	6/1/2024
Aeration Inspection Review and Reporting	SOP	N/A	Bi-Annual Inspections were completed in April.	April/October 2023
Lake Littoral Plantings	SOP	N/A	Review of ponds for littoral supplemental planting during annual audit. The following lakes have been identified: E1-B, E3-A, E3-C, E4-A (removed by H/O); E7-A, E8-A, H1-A, H1-B and H2-A.	6/1/2023
Lake Bank Remediation	SOP	N/A	Continue to monitor H1-A for future repairs.	6/1/2024
Lake Bank Remediation	SOP	N/A	E8-A identified June 2023 for required bank restoration.	6/1/2023
Street Sweeping @ 5 MPH		N/A	Weekly December 1 through February & 2 x's per week March thru April 31, Bi weekly remainder of the year. Street Sweeper provides their gate pass to the Foreman with each visit.	January thru December

Additional Street Sweeping by Precision Cleaning	SOP	N/A	Street Sweeping of all Roadways within the Boundaries of the District. Precision Cleaning is under contract for the weeks: Sep 15 & 29, Oct 13 & 27, Nov 10 & 24	Sep/Oct/Nov annually
Annual Letter to the Residents to include quarterly Letters submitted by Bob Twombly.	SOP	All Residents as well as PSGRC Staff & mailed to Estero Property Owners Association	Annual news letter to be distributed to all residents during the February time frame providing past projects & accomplishments as well as upcoming events. Board of Supervisors to provide information to District Staff in a timely manner in order to be included in the Newsletter. Newsletters are to be emailed to Pelican Sound GM, Meadows Representative and Mailed to Estero Property Owners Association only.	2/25/2024
Water Quality Sampling of Lake H1-B	SOP	N/A	Premier Lakes to provide a water quality analysis in order to see the parameters when the lake looks good, so if it goes bad again, we can compare what changed by obtaining an additional sample	January 2022 first sample
Lake E7-A Dye Treatments	SOP	N/A	Approved and budgeted commencing 2023 - Premier (new contractor) - Lake E7-A - Dye treatments January thru April - Premier Lakes, Inc. will commence at no charge for these services.	January through April 2024
Culvert/Interconnecting Drain Pipe Inspection and cleanout	SOP	N/A	Annual inspection and report of all District roadside catch basins, interconnect piping and outfall structures. Proposal approved at the April meeting to clean at 25%. To include Hammock Greens. Projected completion is scheduled no later than July 15th.	4/1/2023 thru 7/15/23
NPDES Report Filing	SOP	N/A	As mandated, the District must participate in the National Pollutant Discharge Elimination System Program. It is designed to improve storm water quality through construction activity monitoring, periodic facility review and inspection, public education, etc.	10/1/2023 - Agenda Item - Presentation in October
Certificate of District Registered Voters	190(3)(a)(d)	District receives annually from the local Supervisor of Elections	Due April 15th of each year and must be read into the record at a regularly scheduled meeting (no additional filing is required)	4/1/2024
Road & Gutter Inspections & Inspections of asphalt depressions	SOP	N/A	Annual Inspection to be completed by the District Engineer during the month of October. Including review of asphalt depressions in the event we need to ROV a pipe - MRI to inspect if necessary. Repairs completed in November 2022	Oct-23
Sidewalk & Line of Sight Inspections	SOP	N/A	Inspection completed in August & October by the PSGRC & by the District Engineer. Note: Sidewalk grinder to be rented @ a cost of $750.00 per week as necessary. Last inspection May 2023.	May/October 2023
Annual Financial Report	190.008/218.32 & 39	Florida Department of Financial Services	45 days after the completion of the Annual Financial Audit but no more than 9 month's after the end of Fiscal Year.	6/1/2024
Proposed Budget	189.016, 189.418 & 200.065	Due to local governing authority (county or municipality)	Due to local governing authority (county or municipality) by June 15 each year. Long Range Capitol Improvements forecast to include landscape plans from the PSGRC.	6/15/2024

2023 Proposed Budget to include Golf Course Irrigation System Cost	SOP	N/A	Draft Budget to include updated Golf Course Irrigation Cost	5/1/2023
2022 Budget & Other Events	SOP	N/A	Filter & Install - Metro Pumping - $141,287.Maxicon Wire & Ground Rod Install - Irrigation Concepts - $195K. Controller Install - Global Irrigation Solutions - $55,978. Landscape Renovation Projects - Hannula Landscape - $598,432.	Commenced 6/1/2022
Assessment Roll Certification	Local County Requirement	Local County Tax Collector	For most counties, submission and certification of the annual assessment roll is due by September 15th of each year.	9/15/2023
Insurance Renewal	SOP	N/A	Bind Insurance for upcoming Fiscal year with an effective of October 1st thru September 30th	10/1/2023
Adopted Budget	189.016, 189.418 & 200.065	Due to local governing authority (county or municipality)	Due to local governing authority (county or municipality) by October 1st each year.	10/1/2023
Qualified Public Depositor Annual Report to CFO	280.17	Department of Financial Services - Division of Treasury - Collateral Management	By November 30 of each year, file annual report for the period ending September 30th.	11/30/2023
Fiscal Year Annual District Filing Fee and Update Form	190, 189.064 & 189.018 & Chapter 73C-24, F.A.C.	Florida department of Economic Opportunity (Special District Accountability Program)	Annual filing fee of $175.00 is paid to the Florida Department of Economic Opportunity. The filing of the Update Form is required to verify the status of the Special District and to update any changes (including changes to the registered agent). Filing Fee invoice and Update Form is mailed out by the State on October 1st of each year. The fee and form are due and must be postmarked by the following December 3rd.	12/1/2023
Letter of Explanation for the Assessment Levels	SOP	All Residents as well as PSGRC Staff	BOS requested staff to develop a letter to be sent to Residents explaining the increase in their assessments and is required to be distributed (30) days before the Public Hearing and received by WHA, Corporate fourty days in advance of the hearing date.	To be mailed no later than July 20th annually, and received by WHA, Corporate 6/26/24 as maybe necessary.

RIVER RIDGE
COMMUNITY DEVELOPMENT DISTRICT

STAFF REPORTS CII

RIVER RIDGE COMMUNITY DEVELOPMENT DISTRICT

BOARD OF SUPERVISORS FISCAL YEAR 2022/2023 MEETING SCHEDULE

LOCATION

[1]Golf Clubhouse, Lakesview Room, 4561 Pelican Sound Blvd., Estero, Florida 33928
River Club Conference Center, Sound Room (Second Floor of Fitness Center),
4784 Pelican Sound Boulevard, Estero, Florida 33928

DATE	POTENTIAL DISCUSSION/FOCUS	TIME
October 25, 2022[1]	**Regular Meeting**	**1:00 PM**
[1]Golf Clubhouse, Lakesview Room, 4561 Pelican Sound Blvd., Estero, Florida 33928		
Join Zoom Meeting, https://us02web.zoom.us/j/82086246862 Meeting ID: 820 8624 6862 Dial by your location 1 929 205 6099 Meeting ID: 820 8624 6862		
November 8, 2022*[1] CANCELED	**Regular Meeting**	**1:00 PM**
[1]Golf Clubhouse, Lakesview Room, 4561 Pelican Sound Blvd., Estero, Florida 33928		
Join Zoom Meeting, https://us02web.zoom.us/j/82086246862 Meeting ID: 820 8624 6862 Dial by your location 1 929 205 6099 Meeting ID: 820 8624 6862		
December 13, 2022*[1]	**Regular Meeting**	**1:00 PM**
[1]Golf Clubhouse, Lakesview Room, 4561 Pelican Sound Blvd., Estero, Florida 33928		
Join Zoom Meeting, https://us02web.zoom.us/j/82086246862 Meeting ID: 820 8624 6862 Dial by your location 1 929 205 6099 Meeting ID: 820 8624 6862		
January 24, 2023	**Regular Meeting**	**1:00 PM**
[1]Golf Clubhouse, Lakesview Room, 4561 Pelican Sound Blvd., Estero, Florida 33928		
Join Zoom Meeting, https://us02web.zoom.us/j/82086246862 Meeting ID: 820 8624 6862 Dial by your location 1 929 205 6099 Meeting ID: 820 8624 6862		
February 28, 2023	**Regular Meeting**	**1:00 PM**
Join Zoom Meeting, https://us02web.zoom.us/j/82086246862 Meeting ID: 820 8624 6862 Dial by your location 1 929 205 6099 Meeting ID: 820 8624 6862		
March 28, 2023	**Regular Meeting**	**1:00 PM**
Join Zoom Meeting, https://us02web.zoom.us/j/82086246862 Meeting ID: 820 8624 6862 Dial by your location 1 929 205 6099 Meeting ID: 820 8624 6862		
April 25, 2023	**Regular Meeting**	**1:00 PM**
Join Zoom Meeting, https://us02web.zoom.us/j/82086246862 Meeting ID: 820 8624 6862 Dial by your location 1 929 205 6099 Meeting ID: 820 8624 6862		
May 23, 2023	**Regular Meeting**	**1:00 PM**
Join Zoom Meeting, https://us02web.zoom.us/j/82086246862 Meeting ID: 820 8624 6862 Dial by your location 1 929 205 6099 Meeting ID: 820 8624 6862		

DATE	POTENTIAL DISCUSSION/FOCUS	TIME
June 27, 2023	**Regular Meeting**	**1:00 PM**
Join Zoom Meeting, https://us02web.zoom.us/j/82086246862 Meeting ID: 820 8624 6862 Dial by your location 1 929 205 6099 Meeting ID: 820 8624 6862		
July 25, 2023	**Regular Meeting**	**1:00 PM**
Join Zoom Meeting, https://us02web.zoom.us/j/82086246862 Meeting ID: 820 8624 6862 Dial by your location 1 929 205 6099 Meeting ID: 820 8624 6862		
August 22, 2023	**Public Hearing & Regular Meeting**	**1:00 PM**
Join Zoom Meeting, https://us02web.zoom.us/j/82086246862 Meeting ID: 820 8624 6862 Dial by your location 1 929 205 6099 Meeting ID: 820 8624 6862		
September 26, 2023	**Regular Meeting**	**1:00 PM**
Join Zoom Meeting, https://us02web.zoom.us/j/82086246862 Meeting ID: 820 8624 6862 Dial by your location 1 929 205 6099 Meeting ID: 820 8624 6862		

Exceptions

[1]*Meeting Location: October, November, December, January:*
(Golf Clubhouse, Lakesview Room, 4561 Pelican Sound Blvd., Estero, Florida 33928)

***November meeting is two weeks earlier to accommodate the Thanksgiving holiday.*

**December meeting is two weeks earlier to accommodate the Christmas holiday.*