

**Volume III: Field Data and Laboratory Setup
Information**

Lost Lake Marsh Creation and Hydrologic
Restoration Project
Terrebonne Parish, Louisiana

for

**Louisiana Office of Coastal Protection and Restoration
(OCPR)**

August 8, 2011



Volume III: Field Data and Laboratory Setup Information

Lost Lake Marsh Creation and Hydrologic Restoration
Project (TE-72)
Terrebonne Parish, Louisiana

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Office of Coastal Protection and Restoration

August 8, 2011



11955 Lakeland Park Boulevard, Suite 100
Baton Rouge, Louisiana 70809
225.293.2460

Volume III: Field Data and Laboratory Setup Information

**Lost Lake Marsh Creation and Hydrologic Restoration
Project (TE-72)**

Terrebonne Parish, Louisiana

LDNR Contract No. 2503-11-67, Task No. 4

File No. 16715-020-00

August 8, 2011

Prepared for:

Louisiana Office of Coastal Protection and Restoration (OCPR)
450 Laurel Street
Suite 1200, Chase Tower North
Baton Rouge, Louisiana 70801

Attention: Travis Byland, EI

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PRELIMINARY

Venu Tammineni, PE, LEED AP
Geotechnical Engineer

PRELIMINARY

Charles L. Eustis, PE
Principal

VT:CLE:lb

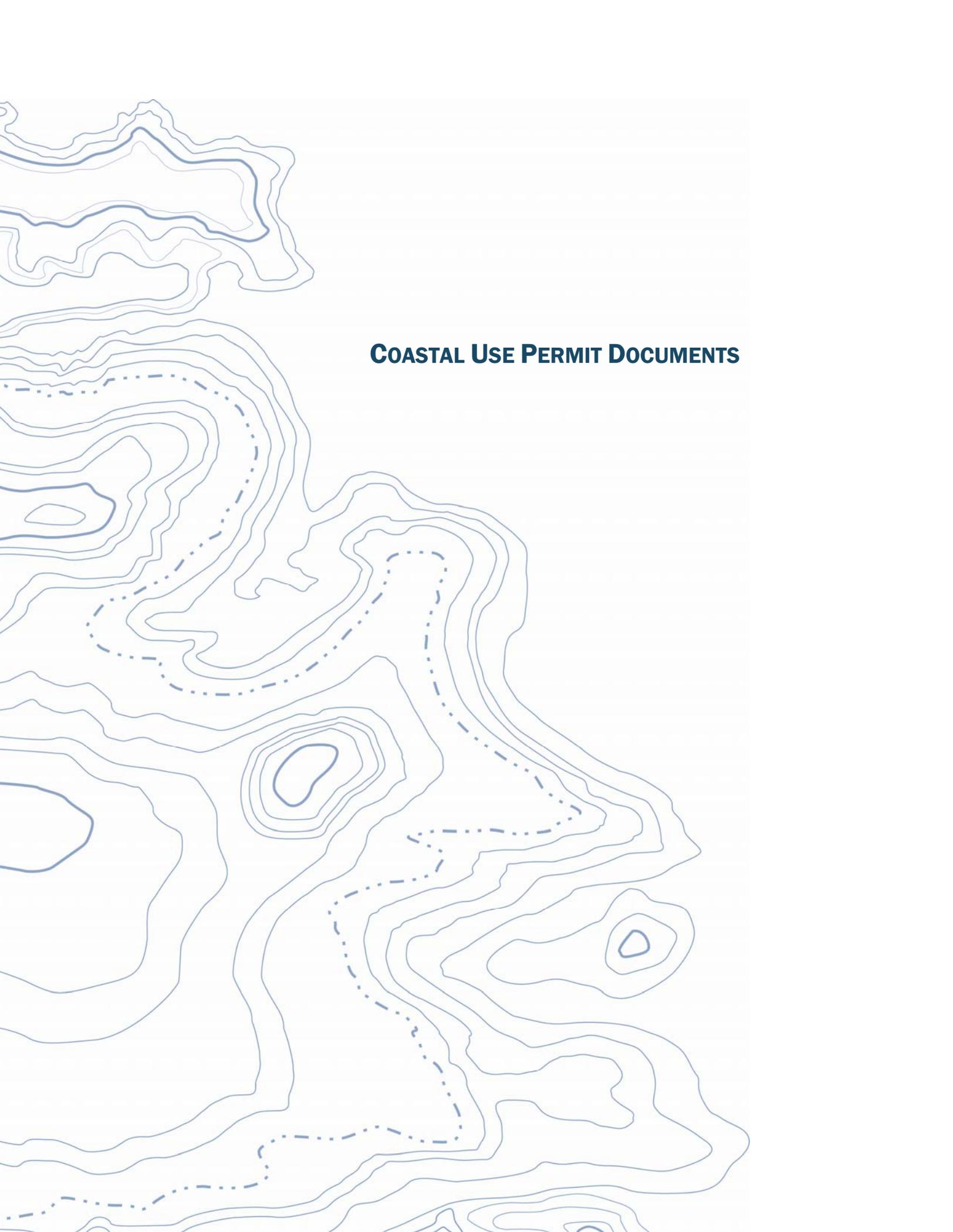
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A topographic map background with blue contour lines and a dashed blue line path. The map shows various elevation contours and a winding path that starts from the bottom left and moves towards the top right.

COASTAL USE PERMIT DOCUMENTS

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL MANAGEMENT
P.O. BOX 44487
BATON ROUGE, LOUISIANA 70804-4487
(225) 342-7591
1-800-267-4019

COASTAL USE AUTHORIZATION/CONSISTENCY DETERMINATION

C.U.P No.: P20110436

NAME : GEOENGINEERS
GEOENGINEERS
11955 LAKELAND PARK BLVD., SUITE 100
BATON ROUGE, LA 70809
Attn: Venu Tammineni

LOCATION: Terrebonne Parish, LA
Lat. 29° 21' 21.69"N, Long. -91° 01' 13.59"W; coordinates for each boring location have been provided on the plats.

DESCRIPTION: The project includes drilling twenty 6" soil borings in the area between Lake Pagie and Bayou Decade, north of Bayou Decade and along the northwestern Lost Lake shoreline. Four borings will be to 20 feet, eight borings to 40 feet, seven borings to 50 feet and one boring to 60 feet below existing surface elevation. Approximately six cubic yards of native material will be disturbed for all boring locations and six cubic yards of bentonite cement fill will be used at the sites. No additional dredge or fill is required.

Pursuant to the Louisiana Administrative Code, Title 43, §723.E, you are hereby notified that the referenced activity is authorized by Coastal Use Permit(s) GP - 14. As stated in condition 12.I.D. of GP - 14, Office of Coastal Management may issue approval under the authority of this General Permit with additional Operating Conditions. This authorization is valid, therefore, only if the permittee adheres to the following condition(s):

- a. The water bottom shall not be disturbed during access to the proposed work location, or by the authorized activities whether it be by dredging, wheel washing, propwashing, jetting, mucking, plowing, bull dozing or any other means of moving bottom material, except as depicted on the plats. Powered vessels shall be operated so as not to disturb the water bottom by propeller or jet action.
- b. The area where the project is located is all part of the aboriginal homelands of the Chitimacha Tribe of Louisiana. As such, large villages, burial sites, and sacred sites were in place in that entire area. If at any time during the course of the work, any traditional cultural properties are discovered, Permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 A.M. - 5:00 P.M. and on Friday between 7:30 A.M. - 11:30 A.M. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.
- c. As-built drawings shall be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Coastal Management, PO Box 44487, Baton Rouge, LA 70804-4487.
- d. Permittee shall comply with all applicable state laws regarding the need to contact the Louisiana One Call (LOC) system (1-800-272-3020) to locate any buried cables and pipelines.
- e. Applicant shall not discharge any drilling and/or workover effluent except for flocculated filtered water.

Applicant shall not discharge any human waste which does not meet or exceed the requirements of the Department of Health and Hospitals.

Applicant shall not discharge any produced waters.

Applicant is subject to all applicable state laws related to damages which are demonstrated to have been caused by this proposed action.

Applicant shall use any dredged material beneficially to create/restore emergent wetlands or place the material in open water in such a manner not to decrease the water depth greater than six inches.

Applicant shall provide to the LDWF a water bottom assessment (unless waived by LDWF) that meets LDWF protocol prior to commencement of the activity. A waiver request must be submitted to LDWF in writing and must state the justification for the request. Applicant may, at the request of LDWF and prior written approval of OCM, be required to modify the project if the proposed location unnecessarily impacts oyster reefs.

- f. No wheeled or tracked vehicles or airboats are to be used in any phase (transporting people, moving equipment and/or materials, etc.) of the soil boring process across vegetated wetland areas, outside the designated access route.

Tracking by motorized vehicles shall be kept to a minimum, limited to one pass ingress and one egress not to fall in the same tract.

- g. No impacts to rare, threatened or endangered species or critical habitats are anticipated from the proposed project. No state or federal parks, wildlife refuges, wildlife management areas or scenic rivers are known at the specified site or within ¼ mile of the proposed project.

The Louisiana Natural Heritage Program (LNHP) reports summarize the existing information known at the time of the request regarding the location in question. LNHP reports should not be considered final statements on the biological elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments. If at any time LNHP tracked species are encountered within the project area, please contact our biologist at 225-765-2643.

- h. All fill material shall be clean and free of contaminants and shall not contain hazardous materials such as asbestos or asbestos residue, shingles, tires, oil/grease residue, exposed rebar, protruding objects, etc.)
- i. The requirement for compensatory mitigation for impacts to marsh habitat resulting from proposed project will be determined after one full growing season (March 1 to November 1) following the completion of the permitted activities. This assessment shall include both primary impacts and secondary impacts which may result from the permitted activities.

Permittee shall provide on-ground pre- and post-construction scaled photographic documentation at a scale that clearly shows the entire permitted work area. The pre- and post-construction photos should be at the same scale. The post-construction documentation shall be acquired (photos actually taken) and submitted within 60 days of the end of the first full growing season following completion of the project. Permittee shall notify OCM of the date of completion of permitted activities within 5 working days of completion.

If OCM determines that compensatory mitigation is required, permittee shall submit a compensatory mitigation plan for approval within 30 days of notification of the compensatory mitigation requirements

by OCM. All necessary approvals shall be obtained for the compensatory mitigation plan and the plan shall be implemented as directed by OCM. Permittee should be aware that compensatory mitigation projects may be required to be maintained for as many as 20 years for marsh mitigation projects and 50 years for forested wetland mitigation projects. A processing fee will be assessed for the determination of compensatory mitigation requirements and evaluation of the proposed compensatory mitigation plan in accordance with LAC Title 43, Part I, Chapter 7, §724.D. This fee shall apply regardless of which compensatory mitigation option is selected and does not include the cost incurred to implement the required compensatory mitigation.

This determination is valid for two (2) years from the date of this letter. If the proposed activity is not initiated within this two year period, this determination will expire. The applicant will notify the Office of Coastal Management of the date on which initiation of the proposed activity began by entering a commencement date through the online system, or by mailing said information to OCM. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, Permittee must, in good faith and with due diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. If the Coastal Use is not initiated within this two (2) year period, an extension may be granted pursuant to the requirements contained in the Rules and Procedures for Coastal Use Permits (Title 43:I.723.D). Please note that a request for permit extension MUST be made no sooner than one hundred eighty (180) days and no later than sixty (60) days prior to the expiration of the permit.

This determination has been made based on the information provided in your application showing that either no dredging or limited dredging would be necessary to access to the work site. Dredging beyond that described in your application, including prop washing, wheel washing, or otherwise displacing water bottom material is not authorized by this determination. If site conditions are such that dredging beyond that authorized is necessary, a revised determination including agency or public notice if applicable, will be required.

This determination has been made on the basis of information provided by your application. If it is later established that you furnished erroneous data, you may be directed to alter or modify your plans, to remove structures you have installed, and/or to restore the work area to pre-project conditions at your own expense. If it is established that you knowingly furnished erroneous data, you could also be subject to legal action.

This determination does not eliminate the need to obtain a permit from the United States Army, Corps of Engineers or any other Federal, state or local approval that may be required by law. The drawings submitted with your referenced application are attached hereto and made a part of the record. If you have any questions regarding this authorization, please contact our office (225) 342-7591 or (800) 267-4019.

***** End of Determination *****

By accepting this determination the applicant agrees to its terms and conditions.

I affix my signature and issue this determination this 27th day of April, 2011.

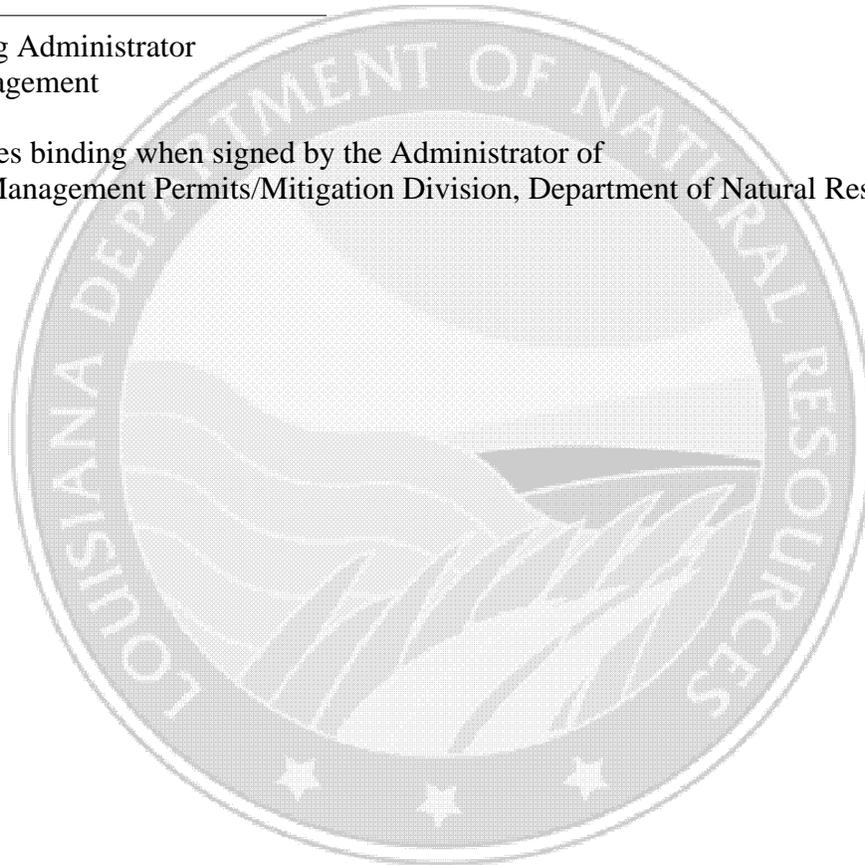
DEPARTMENT OF NATURAL RESOURCES



Karl L. Morgan, Acting Administrator
Office of Coastal Management

This agreement becomes binding when signed by the Administrator of
the Office of Coastal Management Permits/Mitigation Division, Department of Natural Resources.

Attachments



Final Plats:

1) [P20110436](#) [Final Plats](#) [04/20/2011](#)

cc: Pete Serio, COE w/attachments
Dave Butler, LDWF w/attachments
Peggy Rooney, OCM w/attachments
Rod Pierce, OCM/FI w/attachments
Terrebonne Parish w/attachments

[GEOENGINEERS](#) w/attachments



GP-14 Conditions

In accordance with the rules and regulations of the Louisiana Coastal Resources Program and Louisiana R.S. 49, Sections 214.21 to 214.41, the State and Local Coastal Resources Management Act of 1978, as amended, the permitted agrees to:

1. Carry out, perform, operate and maintain the use in accordance with the permit conditions, plans and specifications approved by the Department of Natural Resources.
2. Comply with any permit conditions imposed by the Department of Natural Resources.
3. Adjust, alter, or remove any structure or other physical evidence of the permitted use if, in the opinion of the Department of Natural Resources, it proves to be beyond the scope of the use as approved or is abandoned.
4. Provide, if required by the Department of Natural Resources, an acceptable surety bond in an appropriate amount to ensure adjustment, alteration, or removal should the Department of Natural Resources determine it necessary.
5. Hold and save the State of Louisiana, the local government, the department, and their officers and employees harmless from any damage to persons or property which might result from the use, including the work, activity, or structure permitted.
6. Certify that the use has been completed in an acceptable and satisfactory manner and in accordance with the plans and specifications approved by the Department of Natural Resources. The Department of Natural Resources may, when appropriate, require such certification to be given by a registered professional engineer.
7. All terms of the permit shall be subject to all applicable federal and state laws and regulations.
8. This permit, or a copy thereof, shall be available for inspection at the site of work at all times during operations.
9. The applicant will notify the Office of Coastal Management of the date on which initiation of the permitted activity described under the "Coastal Use Description" began. The applicant shall notify the Coastal Management Division by mailing the enclosed green initiation card on the date of initiation of the coastal use.
10. Unless specified elsewhere in this permit, this permit authorizes the initiation of the coastal use described under "Coastal Use Description" for two years from the date of the signature of the Secretary or his designee. If the coastal use is not initiated within this two year period, then this permit will expire and the applicant will be required to submit a new application. Initiation of the coastal use, for purposes of this permit, means the actual physical beginning of the use of activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the coastal use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permitted must, in good faith and with due diligence, reasonably progress toward completion of the project once the coastal use has been initiated.
11. The following special conditions must also be met in order for the use to meet the guidelines of the Coastal Resources Program:

I. General Conditions

- A. The Secretary of DNR has determined that full individual permit processing by OCM is in the public interest in order to determine whether proposed activities qualify for authorization under this General Permit. This full individual permit processing will consist of review by the staff of OCM of each authorization request. Therefore, pursuant to the Rules and Procedures for Coastal Use Permits, Title 43, Subpart 723.C.3.a, of the Louisiana Code of Administrative Procedure, an application fee will be assessed for activities proposed for authorization under the authority of this General Permit and, if appropriate, processing fees and appropriate mitigation plan processing fees will also be assessed for activities approved under the authority of this General Permit.
- B. A standard Joint Application Form shall be completed and submitted to OCM along with drawings depicting the location and character of work proposed for approval under the authority of this General Permit. The applicant shall submit a complete application packet (forms and plats) to OCM. The application shall be accompanied by a \$100.00 application fee or the application fee in effect at the time of application submittal. This General Permit shall not apply if the proposed work is determined not to meet the criteria. The applicant shall be advised by letter within five (5) calendar days of receipt of the complete application that the application shall be processed as an individual CUP if the determination is made that the proposed activity is not consistent with this General Permit.
- C. Individual written approvals from OCM must be obtained prior to the commencement of any individual activity proposed under the authority of this General Permit.
- D. Should OCM deem that they may have an interest in the project, prior to issuance of authorization for individual activities under the authority of this General Permit, the following agencies shall have a five (5) calendar day period to review the proposed activity: the Louisiana Departments of Wildlife and Fisheries; Health and Hospitals; Environmental Quality; Culture Recreation and Tourism; Transportation and Development; State Land Office; the Office of Coastal Protection and Restoration and the approved Parish Local Program, if applicable. OCM may issue authorization for the activity after the five-day review period or after receiving notification by each of the agencies, either in writing or by telephone, that there are no objections to the proposed activity. However, the final decision for the issuance of authorization for individual activities under the authority of this General Permit, to issue approval with modifications or additional Operating Conditions, or to deny approval for the proposed work, shall be made by the Secretary of DNR.
- E. Should it be deemed in the public interest, the Secretary shall deny authorization to perform work under the authority of this General Permit and require the applicant to obtain an individual CUP for the proposed activity.
- F. Authorization for work under the authority of this General Permit shall expire if the work is not initiated and completed within two (2) years from the date of issuance of the original written approval. Initiation of the Coastal Use, for purposes of this General Permit, means the actual physical beginning of the use or activity for which the permit is required. Initiation does not include preparatory activities, such as movement of equipment onto the Coastal Use site, expenditure of funds, contracting out of work, or performing activities which by themselves do not require a permit. In addition, the permittee must, in good faith and with due

diligence, reasonably progress toward completion of the project once the Coastal Use has been initiated. All activities authorized under the authority of this General Permit must be completed within 90 days of initiation of the work, with a one-time mobilization, unless a different time schedule is specifically approved by OCM.

- G. The Term of this General Permit shall be five (5) years from the date of issuance, except as provided for in LAC 43 Subpart 723.E.3.b. The term of individual authorizations issued under the authority of this General Permit shall be two years from the date of issuance of the original individual authorization.
- H. The permittee shall notify OCM of commencement of work which is authorized under the authority of this General Permit. The permittee shall notify OCM by either providing the information in writing or entering the information through the online system, within three (3) days of the date of initiation of the authorized work.
- I. Issuance of approval under the authority of this General Permit does not relieve the applicant of obtaining other lawfully required permits (local, state, or federal) before commencing work.
- J. The permittee shall allow representatives of OCM or authorized agents to make periodic, unannounced inspections to assure the activity is being performed in accordance with the conditions of the permit.
- K. Work carried out under the authority of this General Permit shall conform to all appropriate state and federal safety regulations.
- L. An authorization issued under the authority of this General Permit may not be transferred to another party without giving prior notice to, and receiving written approval from, the OCM Administrator. A transfer form can be downloaded at <http://dnr.louisiana.gov/crm/coastmgmt/permitsmitigation/permitsmitigation.asp>, through the online system or can be provided upon request.
- M. Work carried out under the authority of this General Permit shall be performed in full compliance with the rules and regulations of DNR which exist at the time of approval for that work.

II. Operating Conditions

- A. All logs and stumps unearthed during dredging shall be buried beneath the bottom of the waterway or removed to a disposal site on land.
- B. Spoil shall not be placed in and shall not block any tidal sloughs.
- C. The activities covered by this General Permit shall not adversely affect any threatened or endangered species. Adverse impacts on fish, wildlife and the environment shall be minimized.
- D. This permit does not convey any property rights, mineral rights, or exclusive privileges; nor does it authorize injury to property.

- E. The applicant shall notify the landowner(s), upon whose property the proposed work shall occur, of the fact that the application will be submitted and also provide the results of OCM's review. Copies of the initial notification letters sent to the landowner(s) shall be provided to OCM with the authorization request.
- F. If archaeological, historical, or other cultural resources are encountered during activities authorized under the authority of this General Permit, work shall cease and the applicant shall immediately notify the Division of Archaeology, Louisiana Department of Culture, Recreation, and Tourism (P. O. Box 44247, Baton Rouge, LA 70804) and OCM (P. O. Box 44487, Baton Rouge, LA 70804-4487, (225) 342-7591). Work may not resume until written approval is obtained from OCM.
- G. The applicant shall insure that all sanitary sewage and/or related domestic wastes generated during the subject project activity and at the site, thereafter, as may become necessary shall receive the equivalent of secondary treatment (30 mg/l BOD5) with disinfection prior to discharge into any of the streams or adjacent waters of the area or, in the case of total containment, shall be disposed of in approved sewerage and sewage treatment facilities, as is required by the State Sanitary Code. Such opinion as may be served by those comments offered herein shall not be construed to suffice as any more formal approval(s) which may be required of possible sanitary details (i.e. provisions) scheduled to be associated with the subject activity. Such shall generally require that appropriate plans and specifications be submitted to the Department of Health and Hospitals for purpose of review and approval prior to any utilization of such provisions.
- H. The permittee shall comply with all applicable laws regarding the need to contact the Louisiana One Call System ([800] 272-3020) to locate any buried cables and pipelines.
- I. All activities, involving any discharge of pollutants, must be consistent with applicable water quality standards and any necessary permits issued through the Department of Environmental Quality/Office of Water Resources must be obtained.
- J. Dredging and/or filling activities authorized under the authority of this General Permit shall not exceed the volume specified in the work statement of the individual authorization.
- K. Activities authorized under the authority of this General Permit shall be carried out on a one-time basis, during a one-time mobilization, except in situations where sequential phases (e.g., use of different types of dredging techniques) may be specified in the work statement of the individual authorization. Additional authorizations may be necessary for maintenance activities or work beyond the scope of the authorized activities.
- L. When adverse impacts to vegetated wetlands may result from the proposed activity, and/or when otherwise determined necessary by OCM, the applicant and OCM shall negotiate, in consultation with the owner(s) of land on which the permitted activity is proposed to occur, and those other natural resource agencies deemed appropriate by OCM, a compensatory mitigation plan, and the applicant shall implement that plan. That plan shall fulfill the requirements of Louisiana Revised Statute 49:214.41 and those rules and regulations adopted thereunder. The compensatory mitigation plan shall be developed prior to the issuance of approval under the authority of this General Permit. The expiration of the term of this General Permit, or the revocation or expiration of approval to perform work under the authority of this General Permit, shall not absolve the permittee, its transferees, or assignees from the obligation and responsibility of implementing and maintaining

the compensatory mitigation plan.

M. The applicant shall adhere to the following conditions if the project is within the boundaries of a public oyster seed ground:

1) Applicant shall be liable for, and shall compensate the state for, any damages to the oyster seed grounds caused by Applicant or Applicant's contractors during any work done under this permit. Prior to commencement of the permitted activity, Applicant will also provide LDWF with the name of an individual in authority who can be contacted regarding any work done under the permit.

2) Compensation for impacts to the public oyster seed grounds shall be in the form of the planting of cultch material (i.e. crushed concrete, limestone, oyster shell, etc) at the rate of 1 cubic yard per acre of impacted area for barren, non-supportive areas of the seed grounds, 50 cubic yards per acre of impacted area for supportive areas, and 187 cubic yards per acre of impacted area for reef areas plus the value of any living oyster resources destroyed. Applicant shall bear the expense of acquisition and deposition of cultch. The cultch shall be deposited by the Applicant, Applicant's contractor, or sub-contractor, under the direct supervision of LDWF, and shall be deposited at a time, place, and in a manner prescribed by the Department. In lieu of planting cultch material, the Applicant may make payment directly to the Public Oyster Seed Ground Development Account.

3) Applicant shall not discharge any drilling and/or workover effluent except for flocculated filtered water into the waters in the areas of the proposed activity. Discharge rate of water shall not exceed the rate of filtering.

4) Applicant shall not discharge any produced waters into the waters in the areas of proposed activity.

5) Applicant, Applicant's contractors and sub-contractors shall not discharge any human waste from any vessel that does not meet or exceed the requirements of the Department of Health and Hospitals.

6) If access route traverses a currently productive public oyster area, the Applicant shall secure approval of the access route from LDWF and shall ingress and egress to the project location only along the approved route.

7) Applicant shall establish and maintain, until the project is complete, along the access route appropriate access route markings for vessels traveling to and from the project location. These markings may be subject to applicable local, state, and federal navigation requirements. These markings shall be sufficient to be used during day and night operations as well as in any climatic and sea condition which may occur during permitted activities.

8) Applicant shall provide legal representation and indemnification to LDWF for any and all lawsuits and legal claims that may be filed or made against LDWF as a result of the activities by Applicant.

9) This permit specifically does not authorize prop washing, wheel washing, dredging, or jetting beyond what is shown in the application and drawings. Any changes or variances in the location, access route, volume of material moved and/or magnitude of the area of impact shall require formal application to, and prior written authorization from, DNR. The decision by DNR whether to authorize those changes will require consultation by DNR with LDWF in strict adherence to all applicable provisions of the February 3, 2005 Memorandum of Agreement between those two agencies.

10) Applicant shall have at the project location float booms for containing any spills.

11) At the discretion of the Secretary or Deputy Assistant Secretary of the Louisiana Department of Wildlife and Fisheries, any activities may be suspended until more favorable conditions prevail.

12) Applicant shall provide a letter of completion and as-built drawings of the completed project to the Department no later than 60 days following completion of the permitted activity.

13) At the discretion of LDWF, a post-project bottom contour and side-scan survey may be required. The results of these surveys will be made available to the Department, upon request.

14) Applicant shall remove or spread any dredged material which is greater than 0.5 feet above original bottom contours.

15) At the discretion of LDWF, the Applicant may be required to return all or part of water bottoms to pre-project conditions.

16) All vessels utilized under this permit shall be of such size and loaded in such a manner as to not impact the water bottoms over which they pass.

17) Applicant shall provide to the Louisiana Department of Wildlife and Fisheries a water bottom assessment (unless waived by LDWF) that meets LDWF water bottom assessment sampling protocol prior to commencement of permitted activity.

N. If the project authorized under the authority of this General Permit is located on the aboriginal homelands of the Chitimacha Tribe of Louisiana and/or at any time during the course of work any traditional cultural properties are discovered, the permittee shall immediately contact Kimberly S. Walden (Cultural Director) or Melanie Aymond (Research Coordinator) at (337) 923-9923 or (337) 923-4395. Office hours are Monday through Thursday from 7:30 AM - 5:00 PM. and on Friday between 7:30 AM and 11:30 AM. If traditional cultural properties are discovered on the weekend or after business hours, the notification shall be made the next business morning.

III. This General Permit does not apply in the following locations without prior written authorization from the appropriate agencies:

A. Work under the authority of this General Permit shall not be approved in the following areas, without prior written approval of the Louisiana Department of Wildlife and Fisheries (LDWF):

1. Within one-quarter mile of the boundary of or within a currently productive oyster seed ground, oyster seed reservation or public oyster harvesting area; or
2. Within the boundaries of an LDWF-owned or managed wildlife refuge or wildlife management area; or
3. Within 1,500 feet, or other distance deemed appropriate by LDWF, of a known bald eagle nest; or
4. Within 1,500 feet, or other distance deemed appropriate by LDWF, of a known bird rookery area.

- B. Work under the authority of this General Permit shall not be approved in the following areas, unless the applicant first provides a letter of no objection from the Louisiana Department of Culture, Recreation, and Tourism.
1. Within a State Park, State Recreation Area or State Commemorative Area; or
 2. Within any known historic or archaeological site or within the boundaries of an historical district.
- C. Within 1,000 feet of an established navigation channel or fairway constructed, owned, operated, or maintained by federal, state, or local governments, or with federal, state, or local government funds, without written consent of each appropriate agency or governing body. An authorization request that is not accompanied by such written permission shall be processed as an application for an individual CUP. If, however, there is a physical barrier at the project site that isolates the Coastal Use from the navigation channel or fairway and effectively prevents any interchange between the two, this restriction does not apply.
- D. Within 1,000 feet of a levee or other flood control facility constructed, owned, operated or maintained by federal, state or local governments, or with federal, state or local government funds, without the written consent of each appropriate agency or governing body.
- E. Within 1,500 feet of a barrier island, barrier island features, cheniers or other coastal feature without the approval of the appropriate resource agencies that OCM determines to have programmatic interests.

IV. This General Permit does NOT apply in the following situations:

- A. Within the officially designated critical habitat of a threatened or endangered species.
- B. Within 1,000 feet of an area determined to be a unique ecological feature by the Secretary of DNR.
- C. Within Special Significance Areas designated pursuant to R. S. 49:214.41(F) and those rules and regulations adopted thereunder, where applicable.
- D. Within the boundaries of a national park or monument, national wildlife refuge or established buffer zone for any such national site.

V. Special Conditions

- A. This General Permit authorizes the following:
 1. Construction of a temporary trench for the installation and maintenance of cables, conduit, and/or pipes for water pipelines, with maximum dimensions of five (5) feet deep and six (6) feet in top width;
 2. Installation of utility poles within new or existing right-of-way corridors;

3. Clearing of new and existing rights-of-way of an adequate width to permit safe working conditions but not to exceed a total width of 100 feet, new clearing shall be limited to 1500 linear feet;

4. Installation of manholes requiring the excavation of an area 7 feet wide x 16 feet long x 12 feet deep and buried 24 inches below grade;

5. Crossings of manmade and natural waterways by aerial, buried, submerged, and directionally drilled methods.

6. Installation of telecommunication cabinets installed to grade on 40 feet x 50 feet sites on a 14 feet x 20 feet concrete pad or raised on a 20 feet x 20 feet platform using pilings:

7. Drilling geotechnical boreholes, up to six (6) inches in diameter and 300 feet deep, returning spoil to the borehole and filling with concrete as needed. Minimization and avoidance of impacts to vegetated wetlands and other resources due the drilling, placement of equipment and/or spoil and access shall be required. Unavoidable impacts shall require compensatory mitigation.

B. This General Permit does not authorize the construction or installation of permanent roads, parking lots, towers, office buildings or equipment buildings larger than 14 feet X 20 feet.

C. The permittee shall provide OCM with the following information for each individual maintenance operation proposed for authorization under the authority of this General Permit:

1. Plat showing access route(s) to be used;

2. Description of the type of equipment to be utilized;

3. Specific dredging locations, dimensions of area to be dredged, and anticipated date of proposed installation and/or maintenance;

4. Proposed dredging method;

5. Anticipated volume of dredged material; and

6. Specific spoil disposal techniques and locations relative to existing uplands, wetland and open water areas.

D. Spoil may be temporarily stored immediately adjacent to the site of removal but must be used as backfill. The dredged area and spoil storage areas shall be restored to as near pre-project conditions as possible. Pre-project aerial photos of the project area must be taken in order to assess the need for mitigation. Aerial photographs shall be taken in accordance with OCM specifications that will be determined on a case by case basis.

E. Representative drawings showing the areas dredged and the placement of spoil, clearings, and/or buildings shall be submitted within thirty (30) days of completion of individual installation and/or maintenance activities authorized by this permit to the Louisiana Department of Natural Resources, Office of Coastal Management, P. O. Box 44487, Baton Rouge, LA 70804-4487.



P. O. BOX 6097
HOUMA, LOUISIANA 70361

(985) 868-5050



P. O. BOX 2768
HOUMA, LOUISIANA 70361

(985) 868-3000

TERREBONNE PARISH
CONSOLIDATED GOVERNMENT

Office of Coastal Restoration/Preservation

**COASTAL IMPACT CERTIFICATE
NO. 527**

April 27, 2011

Venu Tammineni
GeoEngineers, Inc.
11955 Lakeland Park blvd
Suite 100
Baton Rouge, LA 70809

2011 APR 29 PM 12:09

Re: GeoEngineers, Inc.
Proposed Drilling (20) Soil Borings - (4) Borings 20 ft, (8) Borings 40ft, (7) Borings 50ft & (1) Borings 60ft Below Existing Surface Elevation - Lake Pagie & Bayou Decade
P20110436 / TP110408

Dear Mr. Tammineni:

This correspondence serves as an official **Coastal Impact Certificate** from Terrebonne Parish Consolidated Government to perform the referenced project as provided by Chapter 12, Article III, Sections 12-66; 12-71; 12-72, 12-73 and 12-74 of the Terrebonne Parish Code. This certificate is valid for two (2) years from the date of issuance.

This certificate does not eliminate the need for the applicant to obtain a permit from the Louisiana Coastal Resources Program's Coastal Management Division, the United States Army Corps of Engineers, including any required mitigation, as well as any other approvals or permits required by Terrebonne Parish, or any other local authority or agency, or by any state or federal agency as may be required by law for said activity or the construction of the referenced project.

Please feel free to contact me at 985-873-6889 should you have any questions or require additional information.

Sincerely,

Nicholas Matherne, Director
Coastal Restoration and Preservation

CC:

Mr. Pete Serio, USACE
Jon Truxillo, LA DNR
Council Reading File
Correspondence File

April 13, 2011

2517 Bayou Dularge Road
Theriot, Louisiana 70397-9732

Attention: Shirley D. Daisy

Subject: Oyster Lease Notification
Lease # 2677198, Terrebonne Parish, Louisiana

Dear Ms. Daisy,

GeoEngineers, Inc. is a geotechnical and environmental engineering firm working with Louisiana Department of Natural Resources (LDNR) and Office of Coastal Protection and Restoration (OCPR) on various projects in protecting and rebuilding the Louisiana coastal wetlands. We are currently working on a project estimated to create approximately 465 acres of marsh between Lake Pagie and Bayou Decade, north of Bayou Decade, and along the northwestern Lost Lake Shoreline. This project also includes replacing eight water control structures. For this project, we plan on performing 20 soil borings at locations as shown in the attached figures.

Out of the 20 borings, one boring (B-1) is close to your oyster lease property area. We will not be performing any exploration in your oyster lease property limits, however it will be used to navigate and setup our drillrig (marsh buggy or airboat mounted) at the boring location (B-1). The equipment has an estimated draft of 2 feet or less. We will ensure that we travel through the deepest portion of the channel.

These borings are not for oil exploration and the boreholes will be less than 6 inches in diameter extended to depth as provided in the attached figures. The work is estimated to begin in May 2011.

If you have any objections or would like to discuss the access route further, please feel free to contact Venu Tammineni or Charlie Eustis. Our contact number is 225-293-2460.

Thank you very much for your co-operation.

Sincerely,



Venu Tammineni, PE, LEED AP
Project Manager
11955 Lakeland Park Blvd.
Suite 100
Baton Rouge, Louisiana 70809
e-mail: vtammineni@geoengineers.com

Attachments: Vicinity map, Boring location plan, Borehole access route map, and Oyster Lease Property Limits
CC: Nicole Dandurand with office of Coastal Management

May 09, 2011

2517 Bayou Dularge Road
Theriot, Louisiana 70397-9732

Attention: Shirley D. Daisy

Subject: Oyster Lease Notification (Second Time)
Lease # 2677198, Terrebonne Parish, Louisiana

Dear Ms. Daisy,

GeoEngineers, Inc. is a geotechnical and environmental engineering firm working with Louisiana Department of Natural Resources (LDNR) and Office of Coastal Protection and Restoration (OCPR) on various projects in protecting and rebuilding the Louisiana coastal wetlands. We are currently working on a project estimated to create approximately 465 acres of marsh between Lake Pagie and Bayou Decade, north of Bayou Decade, and along the northwestern Lost Lake Shoreline. This project also includes replacing eight water control structures. For this project, we plan on performing 20 soil borings at locations as shown in the attached figures.

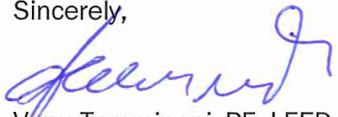
Out of the 20 borings, one boring (B-1) is close to your oyster lease property area. We will not be performing any exploration in your oyster lease property limits, however it will be used to navigate and setup our drillrig (marsh buggy or airboat mounted) at the boring location (B-1). The equipment has an estimated draft of 2 feet or less. We will ensure that we travel through the deepest portion of the channel.

These borings are for replacement of water control structures and are not for oil exploration. The boreholes will be less than 6 inches in diameter extended to depth as provided in the attached figures. The work is estimated to begin in May 2011.

If you have any objections or would like to discuss the access route further, please feel free to contact Venu Tammineni or Charlie Eustis. Our contact number is 225-293-2460.

Thank you very much for your co-operation.

Sincerely,



Venu Tammineni, PE, LEED AP

Project Manager

11955 Lakeland Park Blvd.

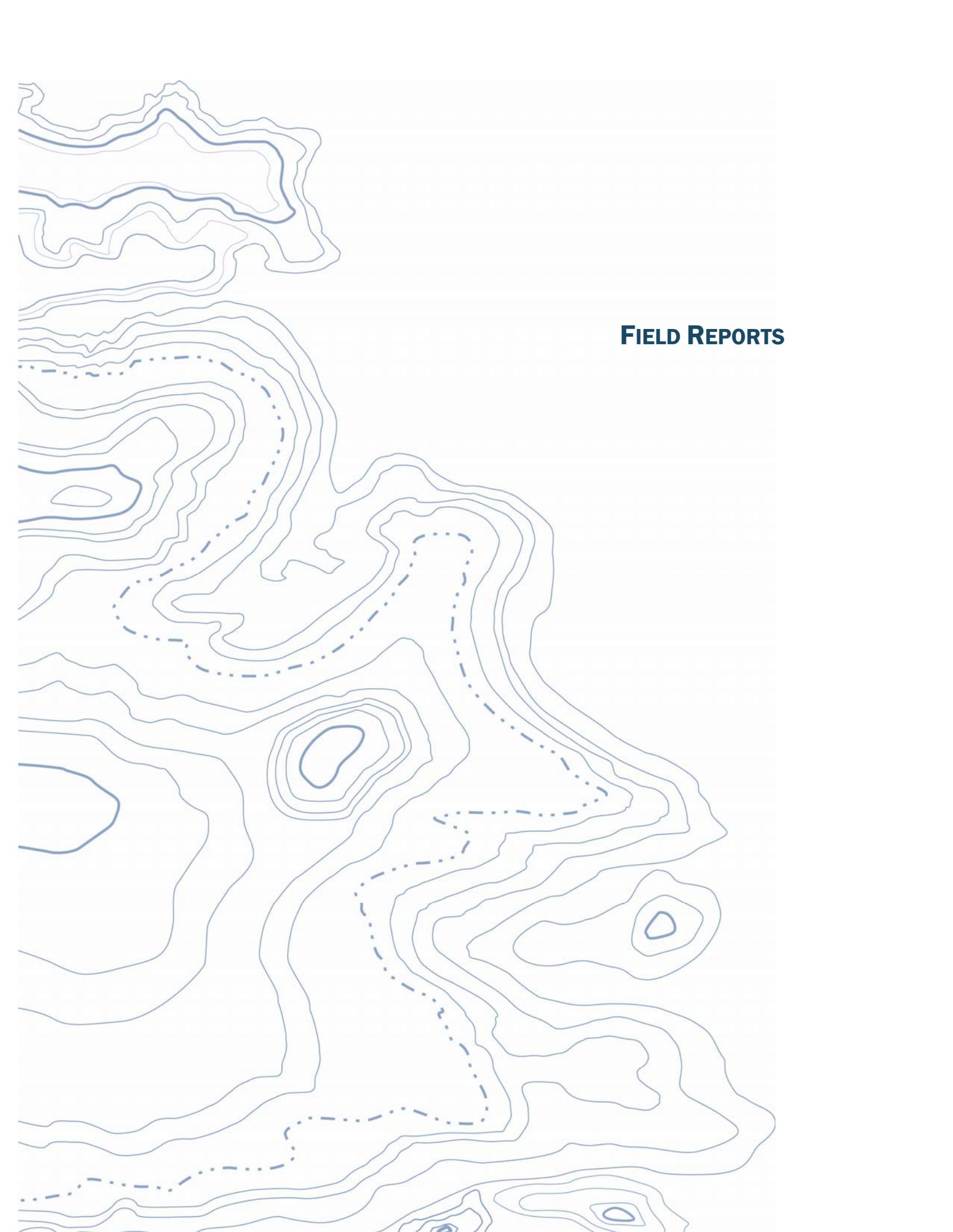
Suite 100

Baton Rouge, Louisiana 70809

e-mail: vtammineni@geoengineers.com

Attachments: Vicinity map, Boring location plan, Borehole access route map, and Oyster Lease Property Limits

CC: Nicole Dandurand with office of Coastal Management

A topographic map background with blue contour lines and a dashed blue path. The map shows various elevations and features, with the dashed path winding through the terrain. The text 'FIELD REPORTS' is positioned in the upper right quadrant of the map area.

FIELD REPORTS

	FIELD REPORT		File Number: 16715-020-00 (11-21)
	Project: LA DNR/Lost Lake Marsh Creation (TE-72)		Date: 11 May 2011
11955 LAKELAND PARK BLVD., SUITE 100 BATON ROUGE, LA 70806 (225) 293-2460	Location: Terrebonne Parish, LA	Client: LA Office of Coastal Protection and Restoration	Day: Wednesday
			Report Number: 1
Prepared by: Donnie Smith	Contractor: SER	Weather: Clear and Breezy	Page: 1 of 1

Summary of Daily Activities:

SER mobilized equipment to Falgout Marina in Theriot, LA, launched pontoon rig and tracked to the vicinity of borings 8 – 10; I mobilized to nearby Houma, LA. The survey crew scheduled to begin locating and staking borings this morning (T Baker Smith) were a no-show, which resulted in drilling operations being put on hold until at least Friday 13 May 11.

Crew Members/Rig Type:

Technician: Donnie Smith (GeoEngineers)
 Driller: Terry Jeansonne (SER)
 Roughneck: Cody Zaunbrecher (SER)

Pontoon mounted drill rig with cathead operated 140-lb hammer (30-inch drop) and support cabin boat

Observations:

0730 – 0815: I, Donnie Smith of GeoEngineers, arrived at the BTR (Baton Rouge) lab for meeting/briefing with Mr. Greg Adams and Mr. Venu Tammineni (also of GeoEngineers).

0815 – 1045: Gathered and loaded all necessary supplies and equipment. Mr. Terry Jeansonne of SER called me at 1000 to report that SER has launched rig and began tracking to boring location. It is expected to take 3-4 hours to make it to the area of borings 8 – 10. I will call him when I am approximately half an hour from landing and SER will pick me up with support boat.

1045 – 1100: Refueled truck and departed for site.

1100 – 1315: Traveled from BTR to Houma, LA. When I arrived in Houma, I called Mr. Jeansonne. He stated that they are nearing the intended location, but have seen no sign of surveyors or any staked borings.

1315 – 1345: I contacted Mr. Tammineni regarding surveyors; he stated that he has talked with T Baker Smith and that they have been called out to the Morganza Spillway and will not be on site today. I checked into hotel in Houma to wait for further word; SER will secure rig and return to marina until further notice.

1700 – 1710: Mr. Tammineni called me and stated that drilling operations are suspended until Friday 13 May 11. I will return to BTR in the morning.

<input type="radio"/> THIS FIELD REPORT IS PRELIMINARY <small>A preliminary report is provided solely as evidence that field observation was performed. Observations and/or conclusions and/or recommendations conveyed in the final report may vary from and shall take precedence over those indicated in a preliminary report.</small>	FIELD REPRESENTATIVE	DATE
	Donnie Smith	11 May 2011
<input type="radio"/> THIS FIELD REPORT IS FINAL <small>A final report is an instrument of professional service. Any conclusions drawn from this report should be discussed with and evaluated by the professional involved.</small>	REVIEWED BY	DATE
	Venu Tammineni	11 May 2011



FIELD REPORT

File Number:
16715-020-00 (11-21)

11955 LAKELAND PARK BLVD.,
SUITE 100
BATON ROUGE, LA 70806
(225) 293-2460

Project:
LA DNR/Lost Lake Marsh Creation (TE-72)

Date:
12 May 2011

Location:
Terrebonne Parish, LA

Client:
LA Office of Coastal
Protection and
Restoration

Day:
Thursday

Report Number:
2

Prepared by:
Donnie Smith

Contractor:
SER

Weather:
Partly Cloudy

Page:
1 of 1

Summary of Daily Activities:

I demobilized to Baton Rouge office. SER will check on pontoon rig and install fresh batteries for lights. Surveyors are scheduled to begin locating and staking borings first thing tomorrow morning; drilling operations should begin around mid-morning on Friday 13 May 2011.

Crew Members/Rig Type:

Technician: Donnie Smith (GeoEngineers)
Driller: Terry Jeansonne (SER)
Roughneck: Cody Zaunbrecher (SER)

Pontoon mounted drill rig with cathead operated 140-lb hammer (30-inch drop) and support cabin boat

Observations:

0745 – 0830: I, Donnie Smith of GeoEngineers, checked out of hotel and met with Mr. Terry Jeansonne (SER driller). Mr. Jeansonne stated that he plans to return to rig to make sure everything is secure and put fresh batteries in warning lights. The current plan is to start on borings 8 – 10 tomorrow morning once they are located, staked and determined to be clear of any underground pipelines by survey crew.

0830 – 1115: Returned to Baton Rouge office. I will return to site early tomorrow morning.

THIS FIELD REPORT IS PRELIMINARY

A preliminary report is provided solely as evidence that field observation was performed. Observations and/or conclusions and/or recommendations conveyed in the final report may vary from and shall take precedence over those indicated in a preliminary report.

FIELD REPRESENTATIVE

Donnie Smith

DATE

12 May 2011

THIS FIELD REPORT IS FINAL

A final report is an instrument of professional service. Any conclusions drawn from this report should be discussed with and evaluated by the professional involved.

REVIEWED BY

Venu Tammineni

DATE

12 May 2011



FIELD REPORT

File Number:
16715-020-00 (11-21)

11955 LAKELAND PARK BLVD., SUITE 100 BATON ROUGE, LA 70806 (225) 293-2460	Project: LA DNR/Lost Lake Marsh Creation (TE-72)		Date: 13 May 2011
	Location: Terrebonne Parish, LA	Client: LA Office of Coastal Protection and Restoration	Day: Friday
			Report Number: 3
Prepared by: Donnie Smith	Contractor: SER	Weather: Mostly Sunny and Windy	Page: 1 of 8

Summary of Daily Activities:

I mobilized from Baton Rouge, LA to Falgout Marina in Theriot, LA and met with SER drill crew. We completed boring 14, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet below mudline to 40-feet below mudline. We performed two vane shear tests at the depths of 10-feet below mudline and at 25-feet below mudline. The top 25-feet of the boring was backfilled with a Portland cement/bentonite grout mix upon completion.

Due to wind/choppy water (3-foot to 4-foot seas), surveyors were unable to locate borings 8-10 or 6-7 as planned. Surveyors located, staked and magged borings 11-15. They will return tomorrow to locate borings 6-10 if weather permits. If water is still too rough, they will locate any borings they can get too.

Surveyors also reported that borings 16, 17 and 18 will need to be located by use of airboat.

Vane shear results for boring 14 (red vane): reading of 10 at 10-feet below mudline and a reading of 5 at 25-feet below mudline.

Crew Members/Rig Type:

Technician: Donnie Smith (GeoEngineers)

Driller: Terry Jeansonne (SER)

Roughneck: Cody Zaunbrecher (SER)

Pontoon mounted drill rig with cathead operated 140-lb hammer (30-inch drop) and support cabin boat

Observations:

0645 – 0945: I, Donnie Smith of GeoEngineers, departed Baton Rouge and traveled to Theriot, LA. (Delayed for 30-minutes by drawbridge near Bayou DeLarge).

0945 – 1000: Met with SER at marina; loaded supplies and departed landing.

1000 – 1115: Traveled by support boat to general area of boring 8 (held safety meeting on the way). Surveyors were working to locate, stake and mag this boring but wind and rough water was making it very difficult. SER driller Terry Jeansonne stated that the lake conditions are presently too rough for the pontoon rig. We spoke with surveyors and agreed that they should move to another area for the sake of safety.

1115 – 1315: Surveyors located, staked and magged borings 11 and 12. As they located these borings, SER prepared to move the pontoon rig to this location. Wind began to pick up and shift (blowing from the south/southwest), making access difficult due to choppy water. We will not be able to access these borings under present conditions with the pontoon rig. SER moved rig to the area of boring 14, where drilling conditions were more optimal.

1315 – 1415: Surveyors located, staked and magged boring 14. They will move on to borings 13 and 15 as we begin drilling operations on boring 14. We offset boring 14 approximately 40-feet east/southeast due to pilings in area.

1415 – 1615: We completed boring 14, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet below mudline to 40-feet below mudline. We performed two vane shear tests at the depths of 10-feet below mudline and at 25-feet below mudline. The top 25-feet of the boring was backfilled with a Portland cement/bentonite grout mix upon completion. We marked offset boring location with PVC pipe so surveyors can tie it in later.

1615 – 1630: Secured rig and equipment; departed for landing.

1630 – 1715: Returned by support boat to landing.

1715 – 1730: Transferred samples from support boat to truck.

1730 – 1800: Traveled from marina to hotel.

1800 – 1815: Hotel check-in.



Facing East/Southeast at Original Location of Boring 14; Boring Will Be Offset Approximately 40-Foot East/Southeast Due To Pilings (Pre-Drill)



Facing North/Northeast from Boring 14 (Pre-Drill)



Facing Southeast from Boring 14 (Pre-Drill)



Facing South from Boring 14 (Pre-Drill)



Facing West from Boring 14 (Pre-Drill)



Facing Northwest from Boring 14 (Pre-Drill)



**Facing East/Southeast at Original Location of Boring 14 and Offset Location of Boring 14
(Post-Drill)**

O THIS FIELD REPORT IS PRELIMINARY
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FIELD REPRESENTATIVE	DATE
Donnie Smith	13 May 2011

O THIS FIELD REPORT IS FINAL
 A final report is an instrument of professional service. Any conclusions drawn from this report should be discussed with and evaluated by the professional involved.

REVIEWED BY	DATE
Venu Tammineni	13 May 2011



FIELD REPORT

File Number:
16715-020-00 (11-21)

11955 LAKELAND PARK BLVD., SUITE 100 BATON ROUGE, LA 70806 (225) 293-2460	Project: LA DNR/Lost Lake Marsh Creation (TE-72)		Date: 14 May 2011
	Location: Terrebonne Parish, LA	Client: LA Office of Coastal Protection and Restoration	Day: Saturday
			Report Number: 4
Prepared by: Donnie Smith	Contractor: SER	Weather: Sunny and Breezy	Page: 1 of 14

Summary of Daily Activities:

We completed borings 11 and 12. Both borings were drilled and sampled continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 40-feet below mudline. The top 25-feet of both borings were backfilled with a Portland cement/bentonite grout mix upon completion. We then tracked to and completed boring 10, drilling and sampling continuously from 0 to 20-feet below mudline. Boring 10 was backfilled full depth with a Portland cement/bentonite grout mix upon completion. A bulk water sample (5-gallons) was also taken from boring 10 location.

Total footage for today: 100-feet (60-feet continuous sampling; 40-feet sampled on 5-foot centers)

Vane Shear Results (Red Vane):

Boring 11: Reading of 10 at 5-feet below mudline (8-feet); reading of 7 at 10-feet below mudline (13-feet)
Boring 12: Reading of 6 at 10-feet below mudline (13-feet); reading of 9 at 15-feet below mudline (18-feet)

Crew Members/Rig Type:

Technician: Donnie Smith (GeoEngineers)
Driller: Terry Jeansonne (SER)
Roughneck: Cody Zaunbrecher (SER)

Pontoon mounted drill rig with cathead operated 140-lb hammer (30-inch drop) and support cabin boat

Observations:

0630 – 0720: Traveled from hotel to marina; launched support boat.

0720 – 0815: Traveled by support boat to rig at boring 14; safety meeting held while in route.

0815 – 0850: Tracked rig to boring 11.

0850 – 1115: Completed boring 11, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 40-feet below mudline. The top 25-feet was backfilled with a Portland cement/bentonite grout mix upon completion. We also performed vane shear testing at depths of 5-feet below mudline (8-feet) and at 10-feet below mudline (13-feet).

1115 – 1130: Tracked rig to boring 12.

1130 – 1215: Surveyors reported over the radio that they have successfully located, magged and staked borings 8, 9 and 10. They will now proceed to borings 6 and 7, then towards 1-5. We used support boat to recon lake area to determine whether water is calm enough for rig access. There is a slight chop but it is accessible; returned to rig.

1215 – 1450: Completed boring 12, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 40-feet below mudline. The top 25-feet was backfilled with a Portland

cement/bentonite grout mix upon completion. We then performed vane shear testing at depths of 10-feet below mudline (13-feet) and at 15-feet below mudline (18-feet).

1450 – 1530: Tracked rig to boring 10.

1530 – 1615: Completed boring 10, drilling and sampling continuously from 0 to 20-feet below mudline. We backfilled full depth with a Portland cement/bentonite grout mix upon completion. We also obtained a 5-gallon water sample.

1615 – 1635: Tracked rig to stable location and secured it for the night.

1635 – 1815: Returned to marina and transferred all samples from support boat to truck.

1815 – 1845: Returned to hotel.

Tomorrow's objective is to complete borings 6, 8, 9 and possibly 7. If lake conditions are unfavorable, the backup plan is to complete borings 13, 15, and whatever else is accessible.



Facing North at Boring 11 (Pre-Drill)



Facing East from Boring 11 (Pre-Drill)



Facing South from Boring 11 (Pre-Drill)



Facing West from Boring 11 (Pre-Drill)



Facing North/Northeast at Boring 11 (Post-Drill)



Facing North at Boring 12 (Pre-Drill)



Facing East from Boring 12 (Pre-Drill)



Facing South from Boring 12 (Pre-Drill)



Facing West from Boring 12 (Pre-Drill)



Facing North at Boring 12 (Post-Drill)



Facing North/Northeast at Boring 10 (Pre-Drill)



Facing East from Boring 10 (Pre-Drill)



Facing South/Southwest from Boring 10 (Pre-Drill)

O THIS FIELD REPORT IS PRELIMINARY
A preliminary report is provided solely as evidence that field observation was performed. Observations and/or conclusions and/or recommendations conveyed in the final report may vary from and shall take precedence over those indicated in a preliminary report.

FIELD REPRESENTATIVE
Donnie Smith

DATE
14 May 2011

O THIS FIELD REPORT IS FINAL
A final report is an instrument of professional service. Any conclusions drawn from this report should be discussed with and evaluated by the professional involved.

REVIEWED BY
Venu Tammineni

DATE
14 May 2011



FIELD REPORT

File Number:
16715-020-00 (11-21)

11955 LAKELAND PARK BLVD., SUITE 100 BATON ROUGE, LA 70806 (225) 293-2460	Project: LA DNR/Lost Lake Marsh Creation (TE-72)		Date: 15 May 2011
	Location: Terrebonne Parish, LA	Client: LA Office of Coastal Protection and Restoration	Day: Sunday
			Report Number: 5
Prepared by: Donnie Smith	Contractor: SER	Weather: Sunny and Breezy	Page: 1 of 16

Summary of Daily Activities:

We completed borings 6, 8 and 9, drilling and sampling continuously from 0 to 20-feet below mudline on all borings. All borings were backfilled full depth with a Portland cement/bentonite grout mix upon completion. I also obtained a 5-gallon water sample from boring 8, a 5-gallon water sample from boring 9, and a 15-gallon water sample from boring 6.

Total footage for today: 60-feet (continuous sampling)

Vane Shear Results (Red Vane):

N/A for borings drilled today

Crew Members/Rig Type:

Technician: Donnie Smith (GeoEngineers)
Driller: Terry Jeansonne (SER)
Roughneck: Cody Zaunbrecher (SER)

Pontoon mounted drill rig with cathead operated 140-lb hammer (30-inch drop) and support cabin boat

Observations:

0645 – 0715: Traveled from hotel to marina; launched support boat.

0715 – 0800: Traveled by support boat to rig; held safety meeting while in route.

0800 – 0900: Crew performed preventive maintenance on rig (greased fittings, checked fluids, etc); tracked rig to boring 9.

0900 - 1015: Completed boring 9, drilling and sampling continuously from 0 to 20-feet below mudline. Boring was backfilled full depth with a Portland cement/bentonite grout mix upon completion. I collected a 5-gallon water sample.

1015 - 1040: Tracked rig to boring 8.

1045 – 1230: Completed boring 8, drilling and sampling continuously from 0 to 20-feet below mudline. Boring was backfilled full depth with a Portland cement/bentonite grout mix upon completion. I collected a 5-gallon water sample.

1230 – 1400: Tracked rig to boring 6.

1400 – 1530: Completed boring 6, drilling and sampling continuously from 0 to 20-feet below mudline. Boring was backfilled full depth with a Portland cement/bentonite grout mix upon completion. I collected a 15-gallon water sample.

1530 – 1545: Moved rig to a secure area for the night.

1545 – 1630: Used support boat to perform recon of borings 2 – 5. These borings have been located, magged and staked by surveyors and will be accessible by pontoon rig.

1630 – 1730: Returned to marina.

1730 – 1745: Transferred today's samples from support boat to truck.

1745 – 1815: Returned to hotel.

Tomorrow's objective is to complete borings 7, 5 and 4. Ory Sellers of GeoEngineers will be on site in the AM to pick up all samples and boring logs to date and deliver them to the BTR lab for lab analysis.



Facing North from Boring 9 (Pre-Drill)



Facing East from Boring 9 (Pre-Drill)



Facing South from Boring 9 (Pre-Drill)



Facing West from Boring 9 (Pre-Drill)



Facing North at Boring 9 (Post-Drill)



Facing Northwest at Boring 8 (Pre-Drill)



Facing East from Boring 8 (Pre-Drill)



Facing South from Boring 8 (Pre-Drill)



Facing West from Boring 8 (Pre-Drill)



Facing North at Boring 8 (Post-Drill)



Facing North/Northeast at Boring 6 (Pre-Drill)



Facing East from Boring 6 (Pre-Drill)



Facing South from Boring 6 (Pre-Drill)



Facing West from Boring 6 (Pre-Drill)



Facing North at Boring 6 (Post-Drill)

<p><input type="radio"/> THIS FIELD REPORT IS PRELIMINARY A preliminary report is provided solely as evidence that field observation was performed. Observations and/or conclusions and/or recommendations conveyed in the final report may vary from and shall take precedence over those indicated in a preliminary report.</p>	<p>FIELD REPRESENTATIVE Donnie Smith</p>	<p>DATE 15 May 2011</p>
<p><input type="radio"/> THIS FIELD REPORT IS FINAL A final report is an instrument of professional service. Any conclusions drawn from this report should be discussed with and evaluated by the professional involved.</p>	<p>REVIEWED BY Venu Tammineni</p>	<p>DATE 15 May 2011</p>



FIELD REPORT

File Number:
16715-020-00 (11-21)

11955 LAKELAND PARK BLVD.,
SUITE 100
BATON ROUGE, LA 70806
(225) 293-2460

Project:
LA DNR/Lost Lake Marsh Creation (TE-72)

Date:
16 May 2011

Location:
Terrebonne Parish, LA

Client:
LA Office of Coastal
Protection and
Restoration

Day:
Monday

Report Number:
6

Prepared by:
Donnie Smith

Contractor:
SER

Weather:
Sunny and Windy

Page:
1 of 14

Summary of Daily Activities:

We completed borings 7 and 2, and set up on boring 3. Boring 7 was drilled and sampled continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 40-feet below mudline. Boring 2 was drilled and sampled continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 50-feet below mudline. The top 25-feet of both borings were backfilled with a Portland cement/bentonite grout mix upon completion.

Total footage for today: 90-feet (40-feet continuous sampling; 50-feet sampling on 5-foot centers)

Vane Shear Results (Red Vane):

Boring 2: Reading of **8** at 5-feet below mudline (11-feet); reading of **9** at 20-feet below mudline (26-feet)

Boring 7: Reading of **8** at 5-feet below mudline (10-feet); reading of **9** at 10-feet below mudline (15-feet)

Crew Members/Rig Type:

Technician: Donnie Smith (GeoEngineers)

Driller: Terry Jeansonne (SER)

Roughneck: Cody Zaunbrecher (SER)

Pontoon mounted drill rig with cathead operated 140-lb hammer (30-inch drop) and support cabin boat

Observations:

0630 – 0725: Traveled from hotel to marina (delayed by construction on Highway 315).

0725 – 0830: Traveled by support boat to rig; held safety meeting.

0830 – 0845: Tracked rig to boring 7.

0845 – 1100: Completed boring 7, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 40-feet below mudline. The top 25-feet was backfilled with a Portland cement/bentonite grout mix upon completion. We performed vane shear testing at depths of 5-feet below mudline and 10-feet below mudline.

1100 – 1230: Tracked rig to boring 2. Winds are picking up and shifting from north to south/southwest.

1230 – 1545: Completed boring 2, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 50-feet below mudline. The top 25-feet was backfilled with a Portland cement/bentonite grout mix upon completion. We performed vane shear testing at depths of 5-feet below mudline and 20-feet below mudline.

1545 – 1615: Tracked rig to boring 3.

1615 – 1630: Secured rig for the night.

1630 – 1730: Returned to marina in support boat.

1730 – 1745: Transferred samples from support boat to truck; departed marina.

1745 – 1830: Returned to hotel (heavy traffic due to Highway 315 construction and drawbridge).

Ory Sellers of GeoEngineers pick up boring logs and samples from borings 6, 8, 9, 10, 11, 12 and 14 and water samples from borings 6, 8, 9 and 10 and transported them to GeoEngineers Baton Rouge lab for testing assignments/lab analysis.

Tomorrow's objective is to complete borings 3, 4 and 5.



Facing North at Boring 7 (Pre-Drill)



Facing East from Boring 7 (Pre-Drill)



Facing South from Boring 7 (Pre-Drill)



Facing West from Boring 7 (Pre-Drill)



Facing Northwest at Boring 7 (Post-Drill)



Facing Southeast at Boring 2 (Pre-Drill)



Facing Northwest from Boring 2 (Pre-Drill)



Facing Southwest from Boring 2 (Pre-Drill)



Facing South at Boring 2 (Post-Drill)



Facing East at Boring 3 (Pre-Drill)



Facing West from Boring 3 (Pre-Drill)



Facing North from Boring 3 (Pre-Drill)



Facing South from Boring 3 (Pre-Drill)

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FIELD REPRESENTATIVE	DATE
Donnie Smith	16 May 2011

O THIS FIELD REPORT IS FINAL
 A final report is an instrument of professional service. Any conclusions drawn from this report should be discussed with and evaluated by the professional involved.

REVIEWED BY	DATE
Venu Tammineni	16 May 2011



FIELD REPORT

File Number:
16715-020-00 (11-21)

11955 LAKELAND PARK BLVD., SUITE 100 BATON ROUGE, LA 70806 (225) 293-2460	Project: LA DNR/Lost Lake Marsh Creation (TE-72)		Date: 17 May 2011
	Location: Terrebonne Parish, LA	Client: LA Office of Coastal Protection and Restoration	Day: Tuesday
			Report Number: 7
Prepared by: Donnie Smith	Contractor: SER	Weather: Sunny and Breezy	Page: 1 of 16

Summary of Daily Activities:

We completed boring 3, boring 4, and set up on boring 5. Borings 3 and 4 were each drilled and sampled continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 50-feet below mudline. The top 25-feet of both borings were backfilled with a Portland cement/bentonite grout mix upon completion. We also performed an access recon of borings 16, 17, and 18. Currently all three of these borings will need to be drilled with the marsh buggy rig. Surveyors completed staking borings; all borings have now been located, staked and magged.

Total footage for today: 100-feet (40-feet continuous sampling; 60-feet sampling on 5-foot centers)

Vane Shear Results (Red Vane):

Boring 3: Reading of **6** at 10-feet below mudline (14-feet); reading of **9** at 15-feet below mudline (19-feet)
Boring 4: Reading of **4** at 10-feet below mudline (14-feet); reading of **11** at 25-feet below mudline (29-feet)

Crew Members/Rig Type:

Technician: Donnie Smith (GeoEngineers)
Driller: Terry Jeansonne (SER)
Roughneck: Cody Zaunbrecher (SER)

Pontoon mounted drill rig with cathead operated 140-lb hammer (30-inch drop) and support cabin boat

Observations:

0630 – 0715: Traveled from hotel to marina.

0715 - 0810: Traveled by support boat to rig at boring 3; held safety meeting.

0810 - 0830: Crew re-fueled rig and performed preventive maintenance (greased fittings, checked fluids, etc.).

0830 – 1130: After probing boring location as an added safety precaution, we completed boring 3, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 50-feet below mudline. The top 25-feet was backfilled with a Portland cement/bentonite grout mix upon completion. We performed vane shear testing at depths of 10-feet below mudline and 15-feet below mudline.

1130 – 1145: Tracked rig to boring 4.

1145 – 1500: Completed boring 4, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 50-feet below mudline. The top 25-feet was backfilled with a Portland cement/bentonite grout mix upon completion. We performed vane shear testing at depths of 10-feet below mudline and 25-feet below mudline.

1500 – 1515: Tracked rig to boring 5.

1515 – 1630: Used support boat to recon borings 16 – 18. A marsh buggy rig will be required to access these borings if the water stays at or near its current level.

1630 – 1715: Returned to marina in support boat.

1715 – 1730: Transferred samples from support boat to truck; departed marina.

1730 – 1815: Returned to hotel.

Ory Sellers of GeoEngineers delivered supplies and picked up boring logs and samples from borings 2 and 7 for transport to GeoEngineers Baton Rouge lab for testing assignments/lab analysis.

Tomorrow's objective is to complete borings 5 and 1.



Facing South at Boring 3 (Post-Drill)



Facing Southwest at Boring 4 (Pre-Drill)



Facing North/Northeast from Boring 4 (Pre-Drill)



Facing East from Boring 4 (Pre-Drill)



Facing West from Boring 4 (Pre-Drill)



Facing South at Boring 4 (Post-Drill)



Facing East at Boring 5 (Pre-Drill)



Facing Southeast from Boring 5 (Pre-Drill)



Facing South from Boring 5 (Pre-Drill)



Facing West from Boring 5 (Pre-Drill)



Facing North from Boring 5 (Pre-Drill)



Facing South at Steel Weir (Southeast from Boring 18)



Facing Southwest at Steel Weir (Southeast from Boring 18)



Facing Southeast at Steel Weir (Southeast from Boring 18)



Facing North at Steel Weir (Southeast from Boring 18)

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FIELD REPRESENTATIVE	DATE
Donnie Smith	17 May 2011

THIS FIELD REPORT IS FINAL
 A final report is an instrument of professional service. Any conclusions drawn from this report should be discussed with and evaluated by the professional involved.

REVIEWED BY	DATE
Venu Tammineni	17 May 2011



FIELD REPORT

File Number:
16715-020-00 (11-21)

11955 LAKELAND PARK BLVD., SUITE 100 BATON ROUGE, LA 70806 (225) 293-2460	Project: LA DNR/Lost Lake Marsh Creation (TE-72)		Date: 18 May 2011
	Location: Terrebonne Parish, LA	Client: LA Office of Coastal Protection and Restoration	Day: Wednesday
			Report Number: 8
Prepared by: Donnie Smith	Contractor: SER	Weather: Sunny and Breezy	Page: 1 of 12

Summary of Daily Activities:

We completed boring 5, boring 1, and set up on boring 13. Borings 1 and 5 were each drilled and sampled continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 50-feet below mudline. The top 25-feet of both borings were backfilled with a Portland cement/bentonite grout mix upon completion.

Total footage for today: 100-feet (40-feet continuous sampling; 60-feet sampling on 5-foot centers)

Vane Shear Results (Red Vane):

Boring 1: Reading of **5** at 15-feet below mudline (20-feet); reading of **7** at 20-feet below mudline (25-feet)
Boring 5: Reading of **7** at 5-feet below mudline (11-feet); reading of **11** at 20-feet below mudline (26-feet)

Crew Members/Rig Type:

Technician: Donnie Smith (GeoEngineers)
Driller: Terry Jeansonne (SER)
Roughneck: Cody Zaunbrecher (SER)

Pontoon mounted drill rig with cathead operated 140-lb hammer (30-inch drop) and support cabin boat

Observations:

0630 – 0720: Traveled from hotel to marina.

0720 - 0830: Traveled by support boat to rig at boring 5; held safety meeting.

0830 – 1130: Completed boring 5, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 50-feet below mudline. The top 25-feet was backfilled with a Portland cement/bentonite grout mix upon completion. We performed vane shear testing at depths of 5-feet below mudline and 20-feet below mudline.

1130 - 1300: Tracked rig to boring 1.

1300 - 1530: Completed boring 1, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 50-feet below mudline. The top 25-feet was backfilled with a Portland cement/bentonite grout mix upon completion. We performed vane shear testing at depths of 15-feet below mudline and 20-feet below mudline.

1530 - 1630: Tracked rig to boring 13; set up and secured rig for the night.

1630 – 1715: Returned to marina in support boat.

1715 – 1730: Transferred samples from support boat to truck; departed marina.

1730 – 1800: Returned to hotel

Tomorrow's objective is to complete borings 13 and 15.



Facing West at Boring 1 (Pre-Drill)



Facing Northwest at Boring 1 (Pre-Drill)



Facing North from Boring 1 (Pre-Drill)



Facing South from Boring 1 (Pre-Drill)



Facing East from Boring 1 (Pre-Drill)



Facing West/Northwest at Boring 1 (Post-Drill)



Facing Southeast at Boring 13 (Pre-Drill)



Facing South from Boring 13 (Pre-Drill)



Facing West from Boring 13 (Pre-Drill)



Facing North from Boring 13 (Pre-Drill)



Facing East from Boring 13 (Pre-Drill)

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<p>O THIS FIELD REPORT IS FINAL A final report is an instrument of professional service. Any conclusions drawn from this report should be discussed with and evaluated by the professional involved.</p>	<p>REVIEWED BY Venu Tammineni</p>	<p>DATE 18 May 2011</p>



FIELD REPORT

File Number:
16715-020-00 (11-21)

11955 LAKELAND PARK BLVD.,
SUITE 100
BATON ROUGE, LA 70806
(225) 293-2460

Project:
LA DNR/Lost Lake Marsh Creation (TE-72)

Date:
19 May 2011

Location:
Terrebonne Parish, LA

Client:
LA Office of Coastal
Protection and
Restoration

Day:
Thursday

Report Number:
9

Prepared by:
Donnie Smith

Contractor:
SER

Weather:
Sunny and Windy

Page:
1 of 12

Summary of Daily Activities:

We completed borings 13, 15 and 20. Borings 13 and 15 were each drilled and sampled continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 40-feet below mudline. Boring 20 was drilled and sampled continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 50-feet below mudline. The top 25-feet of all borings were backfilled with a Portland cement/bentonite grout mix upon completion.

Total footage for today: 130-feet (60-feet continuous sampling; 70-feet sampling on 5-foot centers)

Vane Shear Results (Serial Number 2555; Vane Size 2.56-inches x 5.12-inches):

We returned to boring 1 to run vane shear testing below peat.

Boring 1: Reading of **5** at 15-feet below mudline (20-feet); reading of **7** at 20-feet below mudline (25-feet)
Boring 13: Reading of **9** at 5-feet below mudline (9-feet); reading of **11** at 20-feet below mudline (24-feet)
Boring 15: Reading of **10** at 5-feet below mudline (16-feet); reading of **12** at 15-feet below mudline (26-feet)
Boring 20: Reading of **5** at 10-feet below mudline (18-feet); reading of **8** at 20-feet below mudline (28-feet)

Crew Members/Rig Type:

Technician: Donnie Smith (GeoEngineers)
Driller: Terry Jeansonne (SER)
Roughneck: Cody Zaunbrecher (SER)

Pontoon mounted drill rig with cathead operated 140-lb hammer (30-inch drop) and support cabin boat

Observations:

0630 - 0705: Traveled from hotel to marina.

0705 - 0750: Traveled by support boat to rig at boring 13; held safety meeting.

0750 - 1000: Completed boring 13, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 40-feet below mudline. The top 25-feet was backfilled with a Portland cement/bentonite grout mix upon completion. We performed vane shear testing at depths of 5-feet below mudline and 20-feet below mudline.

1000 - 1115: Tracked rig to boring 1 for vane shear testing.

1115 - 1145: Performed vane shear testing for boring 1 at depths of 15-feet below mudline and at 20-feet below mudline.

1145 - 1245: Tracked rig to boring 15.

1245 - 1445: Completed boring 15, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 40-feet below mudline. The top 25-feet was backfilled with a Portland

cement/bentonite grout mix upon completion. We performed vane shear testing at depths of 5-feet below mudline and 15-feet below mudline.

1445 – 1515: Tracked rig to boring 20.

1515 – 1810: Completed boring 20, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 50-feet below mudline. The top 25-feet was backfilled with a Portland cement/bentonite grout mix upon completion. We performed vane shear testing at depths of 10-feet below mudline and 20-feet below mudline.

1810 – 1900: Returned to marina.

1900 – 1915: Transferred samples from support boat to truck.

1915 – 1945: Returned to hotel.

Tomorrow's objective is to complete boring 19, perform additional recon for borings 16 – 18 access, and track pontoon rig back to marina.



Facing South at Boring 13 (Post-Drill)



Facing Northeast at Boring 15 (Pre-Drill)



Facing North from Boring 15 (Pre-Drill)



Facing South from Boring 15 (Pre-Drill)



Facing West from Boring 15 (Pre-Drill)



Facing South at Boring 15 (Post-Drill; Stake Damaged by Rig)



Facing North/Northeast at Boring 20 (Pre-Drill)



Facing East from Boring 20 (Pre-Drill)



Facing South from Boring 20 (Pre-Drill)



Facing West from Boring 20 (Pre-Drill)



Facing North at Boring 20 (Post-Drill)

<p><input type="radio"/> THIS FIELD REPORT IS PRELIMINARY A preliminary report is provided solely as evidence that field observation was performed. Observations and/or conclusions and/or recommendations conveyed in the final report may vary from and shall take precedence over those indicated in a preliminary report.</p>	<p>FIELD REPRESENTATIVE Donnie Smith</p>	<p>DATE 19 May 2011</p>
<p><input type="radio"/> THIS FIELD REPORT IS FINAL A final report is an instrument of professional service. Any conclusions drawn from this report should be discussed with and evaluated by the professional involved.</p>	<p>REVIEWED BY Venu Tammineni</p>	<p>DATE 19 May 2011</p>



FIELD REPORT

File Number:
16715-020-00 (11-21)

11955 LAKELAND PARK BLVD.,
SUITE 100
BATON ROUGE, LA 70806
(225) 293-2460

Project:
LA DNR/Lost Lake Marsh Creation (TE-72)

Date:
20 May 2011

Location:
Terrebonne Parish, LA

Client:
LA Office of Coastal
Protection and
Restoration

Day:
Friday

Report Number:
10

Prepared by:
Donnie Smith

Contractor:
SER

Weather:
Sunny and Windy

Page:
1 of 6

Summary of Daily Activities:

We completed boring 19, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-foot to 50-feet below mudline. The top 25-feet was backfilled with a Portland cement/bentonite grout mix upon completion. We began de-mobilizing pontoon rig, but 15 – 25 mph south/southeast wind prevented us from crossing the lake. Marsh buggy was mobilized by truck to the marina.

Total footage for today: 50-feet (20-feet continuous sampling; 30-feet sampling on 5-foot centers)

Vane Shear Results (Serial Number 2555; Vane Size 2.56-inches x 5.12-inches):

Boring 19: Reading of **5** at 5-feet below mudline (9-feet); reading of **8** at 15-feet below mudline (19-feet)

Crew Members/Rig Type:

Technician: Donnie Smith (GeoEngineers)
Driller: Terry Jeansonne (SER)
Roughneck: Cody Zaunbrecher (SER)

Pontoon mounted drill rig with cathead operated 140-lb hammer (30-inch drop) and support cabin boat

Observations:

0630 - 0715: Traveled from hotel to marina.

0715 – 0800: Traveled by support boat to rig at boring 20; safety meeting.

0800 – 0815: Tracked rig to boring 19.

0815 - 1115: Completed boring 19, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet to 50-feet below mudline. The top 25-feet was backfilled with a Portland cement/bentonite grout mix upon completion. We performed vane shear testing at depths of 5-feet below mudline and 15-feet below mudline.

1115 – 1330: Tracked rig to edge of Lost Lake; 15 to 20 mph winds/3-foot seas prevented safely crossing lake. Secured rig and transferred supplies to support boat.

1330 – 1400: Returned to marina in support boat.

1400 – 1415: Transferred samples from support boat to truck.

1515 – 1615: Marsh buggy rig arrived at marina. Unloaded rig and parked it at a pre-approved location at marina.

1615 – 1700: Returned to hotel; contacted Mr. Chris Files of Shell Pipeline to update him on our status. I will call him in the morning once we determine if wind/rough seas will allow us access to borings 16 – 19.

Ory Sellers of GeoEngineers delivered Shelby tubes with caps and picked up boring logs and samples for borings 1, 3, 4, 5, 13, 15 and 20 and transported them to Baton Rouge lab for lab analysis.



Facing North from Boring 19 (Pre-Drill)



Facing East from Boring 19 (Pre-Drill)



Facing South from Boring 19 (Pre-Drill)



Facing West from Boring 19 (Pre-Drill)



Facing South at Boring 19 (Post-Drill)

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<p>O THIS FIELD REPORT IS FINAL A final report is an instrument of professional service. Any conclusions drawn from this report should be discussed with and evaluated by the professional involved.</p>	<p>REVIEWED BY Venu Tammineni</p>	<p>DATE 20 May 2011</p>

	FIELD REPORT		File Number: 16715-020-00 (11-21)
	Project: LA DNR/Lost Lake Marsh Creation (TE-72)		Date: 21 May 2011
11955 LAKELAND PARK BLVD., SUITE 100 BATON ROUGE, LA 70806 (225) 293-2460	Location: Terrebonne Parish, LA	Client: LA Office of Coastal Protection and Restoration	Day: Saturday
			Report Number: 11
Prepared by: Donnie Smith	Contractor: SER	Weather: Sunny and Windy	Page: 1 of 1

Summary of Daily Activities:

Due to high wind (15 to 25 mph) and rough seas, we decided to temporarily suspend drilling activities. The lake is too rough to safely cross with marsh buggy rig and airboat. I returned to Baton Rouge, LA.

Vane Shear Results (Serial Number 2555; Vane Size 2.56-inches x 5.12-inches):

N/A

Crew Members/Rig Type:

Technician: Donnie Smith (GeoEngineers)
Driller: Terry Jeansonne (SER)
Roughneck: Cody Zaunbrecher (SER)

Marsh buggy mounted drill rig with cathead operated 140-lb hammer (30-inch drop) and support cabin boat

Observations:

0600 – 0630: Traveled from hotel to marina; met SER crew.

0630 – 0730: Current wind/rough water will prevent us from safely crossing the lake in the marsh buggy and/or airboat. The forecast shows that the remainder of the weekend will be more of the same. We decided to suspend drilling operations until further notice; we hope to return to site early in the week. I notified Mr. Chris Files of Shell Pipeline and Mr. Venu Tammineni of GeoEngineers of our current status.

0730 – 0800: Returned to hotel.

0800 – 0830: Checked out of hotel.

0830 – 1030: Returned to Baton Rouge lab.

1030 – 1100: Unloaded supplies; turned in boring logs and samples for boring 19 for lab analysis.

<input type="radio"/> THIS FIELD REPORT IS PRELIMINARY <small>A preliminary report is provided solely as evidence that field observation was performed. Observations and/or conclusions and/or recommendations conveyed in the final report may vary from and shall take precedence over those indicated in a preliminary report.</small>	FIELD REPRESENTATIVE Donnie Smith	DATE 21 May 2011
	<input type="radio"/> THIS FIELD REPORT IS FINAL <small>A final report is an instrument of professional service. Any conclusions drawn from this report should be discussed with and evaluated by the professional involved.</small>	REVIEWED BY Venu Tammineni



FIELD REPORT

File Number:
16715-020-00 (11-21)

11955 LAKELAND PARK BLVD., SUITE 100 BATON ROUGE, LA 70806 (225) 293-2460	Project: LA DNR/Lost Lake Marsh Creation (TE-72)		Date: 27 May 2011
	Location: Terrebonne Parish, LA	Client: LA Office of Coastal Protection and Restoration	Day: Friday
			Report Number: 12
Prepared by: Donnie Smith	Contractor: SER	Weather: Sunny and Breezy	Page: 1 of 6

Summary of Daily Activities:

Re-mobilized to site; completed boring 16, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet below mudline to 60-feet below mudline. The top 25-feet of boring was backfilled with a Portland cement/bentonite grout mix upon completion.

Total Footage: 60-feet (20-continuous; 40-feet on 5-foot centers)

Vane Shear Results (Serial Number 2555; Vane Size 2.56-inches x 5.12-inches):

Boring 16: Reading of **7** at 10-feet below mudline (14-feet); reading of **6** at 13-feet below mudline (17-feet)

Depths tested were adjusted due do the presence of silt.

Crew Members/Rig Type:

Technician: Donnie Smith (GeoEngineers)
Driller: Terry Jeansonne (SER)
Roughneck: Cody Zaunbrecher (SER)

Marsh buggy mounted drill rig with cathead operated 140-lb hammer (30-inch drop), support cabin boat and air boat

Observations:

0645 – 0715: I, Donnie Smith of GeoEngineers, spoke with Terry Jeansonne of SER. Mr. Jeansonne has launched the marsh buggy and is currently tracking toward site. Winds have died down and we will be able to cross the lake. I contacted Mr. Chris Lines of Shell Pipeline to notify him of today's plans. Mr. Lines stated that after reviewing the coordinates of our boring locations that were provided to him by T Baker Smith, he is confident that we are clear of his lines.

0715 – 1000: Traveled from Baton Rouge to marina in Theriot, LA.

1000 – 1030: Stood by for SER to return to pick me up.

1030 – 1045: Loaded equipment into support cabin boat.

1045 – 1100: Traveled to rig (still in route to boring location).

1100 – 1315: Tracked rig remainder of the way to boring 16; safety meeting.

1315 – 1700: Completed boring 16, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet below mudline to 60-feet below mudline. The top 25-feet of boring was backfilled with a Portland cement/bentonite grout mix upon completion.

1700 – 1745: Returned to marina in support boat.

1745 – 1800: Transferred samples from support boat to truck.

1800 – 1845: Traveled from marina to hotel; checked in.



Facing South at Boring 16 (Pre-Drill)



Facing North from Boring 16 (Pre-Drill)



Facing East from Boring 16 (Pre-Drill)



Facing West from Boring 16 (Pre-Drill)



Facing West at Boring 16 (Post-Drill)

<p><input type="radio"/> THIS FIELD REPORT IS PRELIMINARY A preliminary report is provided solely as evidence that field observation was performed. Observations and/or conclusions and/or recommendations conveyed in the final report may vary from and shall take precedence over those indicated in a preliminary report.</p>	<p>FIELD REPRESENTATIVE Donnie Smith</p>	<p>DATE 27 May 2011</p>
<p><input type="radio"/> THIS FIELD REPORT IS FINAL A final report is an instrument of professional service. Any conclusions drawn from this report should be discussed with and evaluated by the professional involved.</p>	<p>REVIEWED BY Venu Tammineni</p>	<p>DATE 27 May 2011</p>



FIELD REPORT

File Number:
16715-020-00 (11-21)

11955 LAKELAND PARK BLVD.,
SUITE 100
BATON ROUGE, LA 70806
(225) 293-2460

Project:
LA DNR/Lost Lake Marsh Creation (TE-72)

Date:
28 May 2011

Location:
Terrebonne Parish, LA

Client:
LA Office of Coastal
Protection and
Restoration

Day:
Saturday

Report Number:
13

Prepared by:
Donnie Smith

Contractor:
SER

Weather:
Sunny and Windy

Page:
1 of 11

Summary of Daily Activities:

We completed borings 17 and 18, drilling and sampling both borings continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet below mudline to 40-feet below mudline. The top 25-feet of both borings were backfilled with a Portland cement/bentonite grout mix upon completion. SER began demobilizing but will not be able to do so today due to mechanical problems/high winds. I returned to Baton Rouge.

Total Footage: 80-feet (40-feet continuous; 40-feet on 5-foot centers)

This completes drilling operations. SER will return Tuesday 31 May 2011 to demobilize.

Vane Shear Results (Serial Number 2555; Vane Size 2.56-inches x 5.12-inches):

Boring 17: Reading of **5** at 5-feet below mudline (8-feet); reading of **8** at 10-feet below mudline (13-feet)

Boring 18: Reading of **5** at 5-feet below mudline (9-feet); reading of **7** at 10-feet below mudline (14-feet)

Depths tested were adjusted on boring 18 due do the presence of silt.

Crew Members/Rig Type:

Technician: Donnie Smith (GeoEngineers)

Driller: Terry Jeansonne (SER)

Roughneck: Cody Zaunbrecher (SER)

Marsh buggy mounted drill rig with cathead operated 140-lb hammer (30-inch drop), support cabin boat and air boat

Observations:

0530 – 0615: Checked out of hotel; traveled to marina.

0615 – 0650: Traveled by support boat to rig; safety meeting.

0650 – 0730: Tracked rig to boring 17.

0730 – 1000: Completed boring 17, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet below mudline to 40-feet below mudline. The top 25-feet of boring was backfilled with a Portland cement/bentonite grout mix upon completion.

1000 – 1130: Tracked rig to boring 18.

1130 – 1400: Completed boring 18, drilling and sampling continuously from 0 to 20-feet below mudline and on 5-foot centers from 20-feet below mudline to 40-feet below mudline. The top 25-feet of boring was backfilled with a Portland cement/bentonite grout mix upon completion.

1400 – 1545: Began tracking rig to area at edge of lake to secure it. Winds have picked up and marsh buggy will not be able to safely cross. While in route, a hydraulic valve froze, preventing proper steering (only one track working). SER secured the buggy in a safe area near boring 16, and will return Tuesday 31 May 2011 with necessary parts to make repairs and resume de-mobilization. There were no hydraulic leaks or spills.

1545 - 1630: Returned to marina.

1630 – 1700: Transferred all samples, equipment and supplies from support boat to truck.

1700 – 1930: Returned to Baton Rouge with logs and samples for borings 16-18.



Facing Southwest at Boring 17 (Pre-Drill)



Facing Southeast from Boring 17 (Pre-Drill)



Facing Northeast from Boring 17 (Pre-Drill)



Facing Northwest from Boring 17 (Pre-Drill)



Facing South at Boring 17 (Post-Drill)



Facing North at Boring 18 (Pre-Drill)



Facing East from Boring 18 (Pre-Drill)



Facing South from Boring 18 (Pre-Drill)

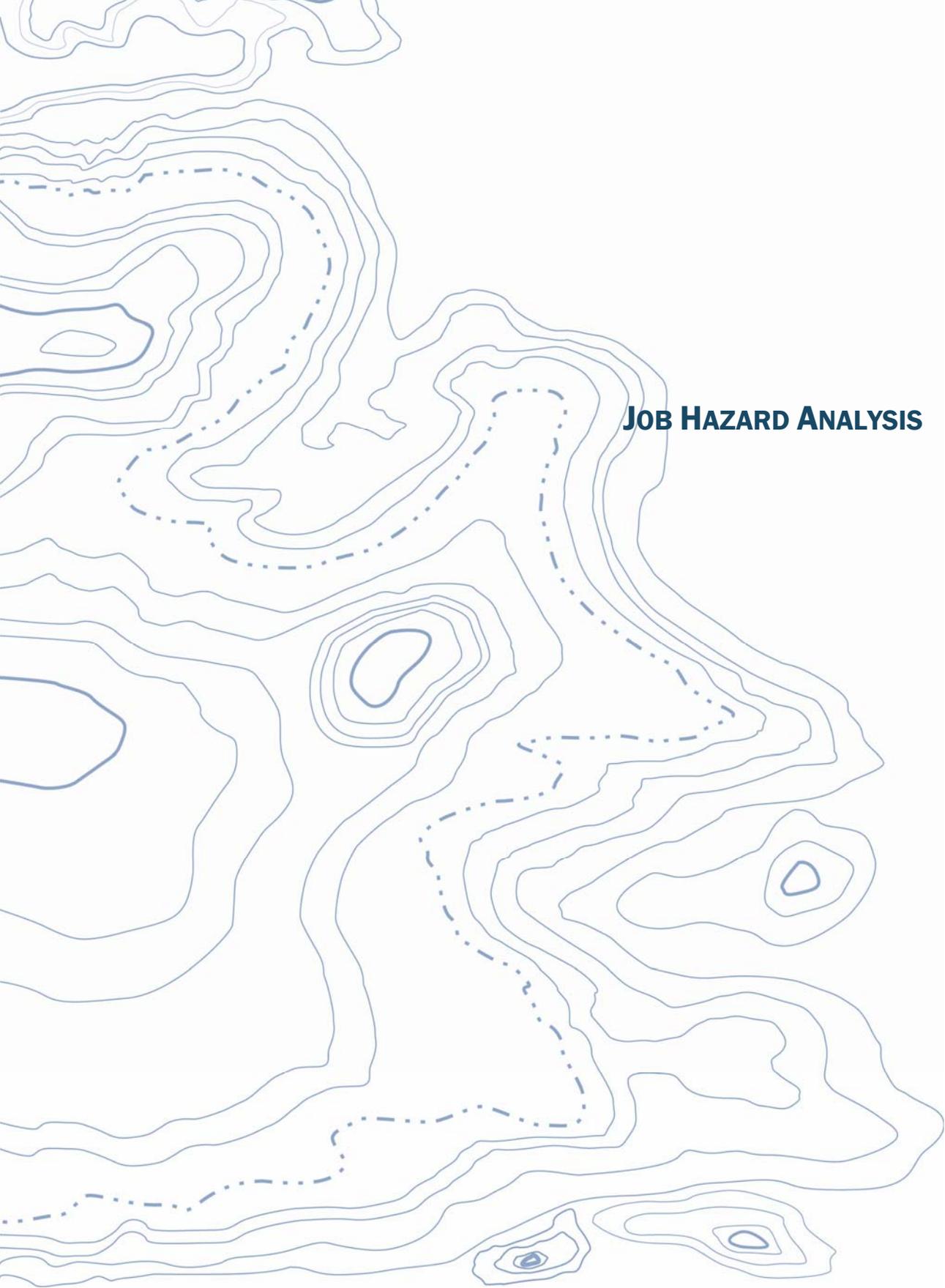


Facing West from Boring 18 (Pre-Drill)



Facing North/Northwest at Boring 18 (Post-Drill)

<p>O THIS FIELD REPORT IS PRELIMINARY A preliminary report is provided solely as evidence that field observation was performed. Observations and/or conclusions and/or recommendations conveyed in the final report may vary from and shall take precedence over those indicated in a preliminary report.</p>	<p>FIELD REPRESENTATIVE Donnie Smith</p>	<p>DATE 28 May 2011</p>
<p>O THIS FIELD REPORT IS FINAL A final report is an instrument of professional service. Any conclusions drawn from this report should be discussed with and evaluated by the professional involved.</p>	<p>REVIEWED BY Venu Tammineni</p>	<p>DATE 28 May 2011</p>



JOB HAZARD ANALYSIS

GeoEngineers, Inc. Job Hazard Analysis

Project Name: Lost Lake
Project Manager: Venu Tammineni
On Site Safety Officer: Donnie Smith

Date: 13 MAY 11
File: 16715-020-00

Task Descriptions	GeoTech	Drilling	Excavation	Construction Site	Other
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

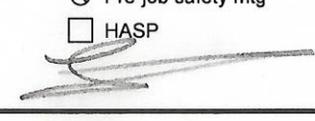
List Tasks with a Safety Component	Task Description
	1.) Inspect all equipment to ensure safe for use
	2.) Watch for heavy machinery such as drill rigs
	3.) Set up rig over borehole location
	4.) Watch for pinch points and trip hazards while drilling
	5.) When lifting heavy equipment, use your legs and more than enough bodies.
	6.)
	7.)

Job Hazards (What will employees need to watch for?) List Hazards:	JOB	HAZARDS		
	<input checked="" type="checkbox"/> Pinch points	<input type="checkbox"/> Working at heights	<input checked="" type="checkbox"/> Chemical Haz	<input checked="" type="checkbox"/> Construction Equipment
	<input checked="" type="checkbox"/> Sharp edges	<input checked="" type="checkbox"/> Noise	<input type="checkbox"/> Spills	<input checked="" type="checkbox"/> Remote area
	<input checked="" type="checkbox"/> Housekeeping	<input type="checkbox"/> Power tools	<input type="checkbox"/> Drums	Slope/ Terrain
	<input checked="" type="checkbox"/> Heavy Lifting	<input checked="" type="checkbox"/> Overhead work	<input checked="" type="checkbox"/> Weather	<input checked="" type="checkbox"/> Brush, plants
	<input checked="" type="checkbox"/> Water	<input checked="" type="checkbox"/> Pipelines	<input type="checkbox"/>	<input checked="" type="checkbox"/> Snakes, Insects
	<input checked="" type="checkbox"/> Marsh	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Required Safety Precautions (Personal Protective Equipment, Tools)	PPE	Equipment	Tools	Actions
	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Fire Extinguisher	<input checked="" type="checkbox"/> Cell Phone	<input checked="" type="checkbox"/> Stay visible
	<input type="checkbox"/> Vis vest	<input checked="" type="checkbox"/> First Aid Kit	<input type="checkbox"/>	<input checked="" type="checkbox"/> Watch for pinch points
	<input checked="" type="checkbox"/> Ear plugs/ muff	<input checked="" type="checkbox"/> Eye Wash	<input type="checkbox"/>	<input checked="" type="checkbox"/> Use legs for lifting
	<input type="checkbox"/> Tyvek	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Equipment Inspection
	<input checked="" type="checkbox"/> Gloves (list type)	_____	<input type="checkbox"/>	<input type="checkbox"/> Fencing/ Barriers
	<input checked="" type="checkbox"/> Life Jacket		<input type="checkbox"/>	<input type="checkbox"/> Signage
	<input type="checkbox"/> Full body Harness		<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> Steel Toe Boots		<input type="checkbox"/>	<input type="checkbox"/>

Required Control Measures (What will be done to prevent injury?)	Control Measure
	1.) Hard hat, gloves and eye protection will be worn when operating drill rig
	2.) Tailgate safety meeting before work begins to discuss any safety issues or concerns
	3.) Watch for snakes and biting insects
	4.) Watch for Overhead Powerlines and underground pipelines
	5.) Watch for thunderstorms and get out of area in advance

Control Measures (Other requirements for this work)	Control Measure	Control Measure
	<input type="checkbox"/> Engineering Controls	<input type="checkbox"/> Lockout/ Tagout
	<input checked="" type="checkbox"/> Pre-job safety mtg	<input checked="" type="checkbox"/> Utility Locate
	<input type="checkbox"/> HASP	<input type="checkbox"/>
		<input type="checkbox"/> Confined Space Permit
		<input type="checkbox"/> Fall Protection Plan
		<input type="checkbox"/> Training (first aid, hazwoper-- list above)

Signatures:   

GeoEngineers, Inc. Job Hazard Analysis

Project Name: Lost Lake

Date: 14 MAY 11

Project Manager: Venu Tammineni

File: 16715-020-00

On Site Safety Officer: Donnie Smith

Task Descriptions

GeoTech	Drilling	Excavation	Construction Site	Other
<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>

List Tasks with a Safety Component

- 1.) Inspect all equipment to ensure safe for use
- 2.) Watch for heavy machinery such as drill rigs
- 3.) Set up rig over borehole location
- 4.) Watch for pinch points and trip hazards while drilling
- 5.) When lifting heavy equipment, use your legs and more than enough bodies.
- 6.)
- 7.)

Job Hazards

(What will employees need to watch for?)

List Hazards:

JOB	HAZARDS
<input checked="" type="radio"/> Pinch points	<input type="checkbox"/> Working at heights
<input checked="" type="radio"/> Sharp edges	<input checked="" type="radio"/> Noise
<input checked="" type="radio"/> Housekeeping	<input type="checkbox"/> Power tools
<input checked="" type="radio"/> Heavy Lifting	<input checked="" type="radio"/> Overhead work
<input checked="" type="radio"/> Water	<input checked="" type="radio"/> Pipelines
<input checked="" type="radio"/> Marsh	<input type="checkbox"/>
	<input checked="" type="radio"/> Chemical Haz
	<input type="checkbox"/> Spills
	<input type="checkbox"/> Drums
	<input checked="" type="radio"/> Weather
	<input checked="" type="radio"/> Construction Equipment
	<input checked="" type="radio"/> Remote area
	Slope/ Terrain
	<input checked="" type="radio"/> Brush, plants
	<input checked="" type="radio"/> Snakes, Insects
	<input type="checkbox"/>

Required Safety Precautions

(Personal Protective Equipment, Tools)

PPE	Equipment	Tools	Actions
<input checked="" type="radio"/> Hard hat	<input checked="" type="radio"/> Fire Extinguisher	<input checked="" type="radio"/> Cell Phone	<input checked="" type="radio"/> Stay visible
<input type="checkbox"/> Vis vest	<input checked="" type="radio"/> First Aid Kit	<input type="checkbox"/>	<input checked="" type="radio"/> Watch for pinch points
<input checked="" type="radio"/> Ear plugs/ muff	<input checked="" type="radio"/> Eye Wash	<input type="checkbox"/>	<input checked="" type="radio"/> Use legs for lifting
<input type="checkbox"/> Tyvek	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="radio"/> Equipment Inspection
<input checked="" type="radio"/> Gloves (list type)	_____	<input type="checkbox"/>	<input type="checkbox"/> Fencing/ Barriers
<input checked="" type="radio"/> Life Jacket		<input type="checkbox"/>	<input type="checkbox"/> Signage
<input type="checkbox"/> Full body Harness		<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="radio"/> Steel Toe Boots		<input type="checkbox"/>	<input type="checkbox"/>

Required Control Measures

(What will be done to prevent injury?)

- 1.) Hard hat, gloves and eye protection will be worn when operating drill rig
- 2.) Tailgate safety meeting before work begins to discuss any safety issues or concerns
- 3.) Watch for snakes and biting insects
- 4.) Watch for Overhead Powerlines and underground pipelines
- 5.) Watch for thunderstorms and get out of area in advance

Control Measures

(Other requirements for this work)

- | | | |
|---|---|--|
| <input type="checkbox"/> Engineering Controls | <input type="checkbox"/> Lockout/ Tagout | <input type="checkbox"/> Confined Space Permit |
| <input checked="" type="radio"/> Pre-job safety mtg | <input checked="" type="radio"/> Utility Locate | <input type="checkbox"/> Fall Protection Plan |
| <input type="checkbox"/> HASP | <input type="checkbox"/> | <input type="checkbox"/> Training (first aid, hazwoper-- list above) |

Signatures: _____

[Handwritten signatures: Venu Tammineni, Donnie Smith]

GeoEngineers, Inc. Job Hazard Analysis

Project Name: Lost Lake **Date:** 15 MAY 11
Project Manager: Venu Tammineni **File:** 16715-020-00
On Site Safety Officer: Donnie Smith

Task Descriptions	GeoTech	Drilling	Excavation	Construction Site	Other
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- List Tasks with a Safety Component**
- 1.) Inspect all equipment to ensure safe for use
 - 2.) Watch for heavy machinery such as drill rigs
 - 3.) Set up rig over borehole location
 - 4.) Watch for pinch points and trip hazards while drilling
 - 5.) When lifting heavy equipment, use your legs and more than enough bodies.
 - 6.)
 - 7.)

Job Hazards
(What will employees need to watch for?)
List Hazards:

JOB	HAZARDS
<input checked="" type="checkbox"/> Pinch points	<input type="checkbox"/> Working at heights
<input checked="" type="checkbox"/> Sharp edges	<input checked="" type="checkbox"/> Noise
<input checked="" type="checkbox"/> Housekeeping	<input type="checkbox"/> Power tools
<input checked="" type="checkbox"/> Heavy Lifting	<input checked="" type="checkbox"/> Overhead work
<input checked="" type="checkbox"/> Water	<input checked="" type="checkbox"/> Pipelines
<input checked="" type="checkbox"/> Marsh	<input type="checkbox"/>
	<input checked="" type="checkbox"/> Chemical Haz
	<input type="checkbox"/> Spills
	<input type="checkbox"/> Drums
	<input checked="" type="checkbox"/> Weather
	<input checked="" type="checkbox"/> Construction Equipment
	<input checked="" type="checkbox"/> Remote area
	<input type="checkbox"/> Slope/ Terrain
	<input checked="" type="checkbox"/> Brush, plants
	<input checked="" type="checkbox"/> Snakes, Insects
	<input type="checkbox"/>

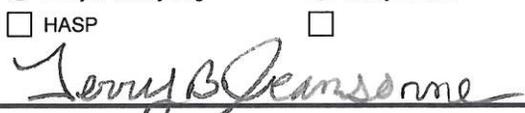
Required Safety Precautions
(Personal Protective Equipment, Tools)

PPE	Equipment	Tools	Actions
<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Fire Extinguisher	<input checked="" type="checkbox"/> Cell Phone	<input checked="" type="checkbox"/> Stay visible
<input type="checkbox"/> Vis vest	<input checked="" type="checkbox"/> First Aid Kit	<input type="checkbox"/>	<input checked="" type="checkbox"/> Watch for pinch points
<input checked="" type="checkbox"/> Ear plugs/ muff	<input checked="" type="checkbox"/> Eye Wash	<input type="checkbox"/>	<input checked="" type="checkbox"/> Use legs for lifting
<input type="checkbox"/> Tyvek	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Equipment Inspection
<input checked="" type="checkbox"/> Gloves (list type)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Fencing/ Barriers
<input checked="" type="checkbox"/> Life Jacket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Signage
<input type="checkbox"/> Full body Harness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Steel Toe Boots	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- Required Control Measures**
(What will be done to prevent injury?)
- 1.) Hard hat, gloves and eye protection will be worn when operating drill rig
 - 2.) Tailgate safety meeting before work begins to discuss any safety issues or concerns
 - 3.) Watch for snakes and biting insects
 - 4.) Watch for Overhead Powerlines and underground pipelines
 - 5.) Watch for thunderstorms and get out of area in advance

Control Measures
(Other requirements for this work)

<input type="checkbox"/> Engineering Controls	<input type="checkbox"/> Lockout/ Tagout	<input type="checkbox"/> Confined Space Permit
<input checked="" type="checkbox"/> Pre-job safety mtg	<input checked="" type="checkbox"/> Utility Locate	<input type="checkbox"/> Fall Protection Plan
<input type="checkbox"/> HASP	<input type="checkbox"/>	<input type="checkbox"/> Training (first aid, hazwoper-- list above)

Signatures:   

GeoEngineers, Inc. Job Hazard Analysis

Project Name: Lost Lake

Date: 16 MAY 11

Project Manager: Venu Tammineni

File: 16715-020-00

On Site Safety Officer: Donnie Smith

Task Descriptions

GeoTech	Drilling	Excavation	Construction Site	Other
<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>

List Tasks with a Safety Component

- 1.) Inspect all equipment to ensure safe for use
- 2.) Watch for heavy machinery such as drill rigs
- 3.) Set up rig over borehole location
- 4.) Watch for pinch points and trip hazards while drilling
- 5.) When lifting heavy equipment, use your legs and more than enough bodies.
- 6.)
- 7.)

Job Hazards

(What will employees need to watch for?)
List Hazards:

JOB	HAZARDS
<input checked="" type="radio"/> Pinch points	<input type="checkbox"/> Working at heights
<input checked="" type="radio"/> Sharp edges	<input checked="" type="radio"/> Noise
<input checked="" type="radio"/> Housekeeping	<input type="checkbox"/> Power tools
<input checked="" type="radio"/> Heavy Lifting	<input checked="" type="radio"/> Overhead work
<input checked="" type="radio"/> Water	<input checked="" type="radio"/> Pipelines
<input checked="" type="radio"/> Marsh	<input type="checkbox"/>
	<input checked="" type="radio"/> Chemical Haz
	<input type="checkbox"/> Spills
	<input type="checkbox"/> Drums
	<input checked="" type="radio"/> Weather
	<input checked="" type="radio"/> Construction Equipment
	<input checked="" type="radio"/> Remote area
	Slope/ Terrain
	<input checked="" type="radio"/> Brush, plants
	<input checked="" type="radio"/> Snakes, Insects
	<input type="checkbox"/>

Required Safety Precautions

(Personal Protective Equipment, Tools)

PPE	Equipment	Tools	Actions
<input checked="" type="radio"/> Hard hat	<input checked="" type="radio"/> Fire Extinguisher	<input checked="" type="radio"/> Cell Phone	<input checked="" type="radio"/> Stay visible
<input type="checkbox"/> Vis vest	<input checked="" type="radio"/> First Aid Kit	<input type="checkbox"/>	<input checked="" type="radio"/> Watch for pinch points
<input checked="" type="radio"/> Ear plugs/ muff	<input checked="" type="radio"/> Eye Wash	<input type="checkbox"/>	<input checked="" type="radio"/> Use legs for lifting
<input type="checkbox"/> Tyvek	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="radio"/> Equipment Inspection
<input checked="" type="radio"/> Gloves (list type)		<input type="checkbox"/>	<input type="checkbox"/> Fencing/ Barriers
<input checked="" type="radio"/> Life Jacket		<input type="checkbox"/>	<input type="checkbox"/> Signage
<input type="checkbox"/> Full body Harness		<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="radio"/> Steel Toe Boots		<input type="checkbox"/>	<input type="checkbox"/>

Required Control Measures

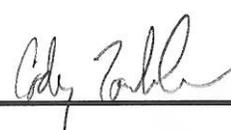
(What will be done to prevent injury?)

- 1.) Hard hat, gloves and eye protection will be worn when operating drill rig
- 2.) Tailgate safety meeting before work begins to discuss any safety issues or concerns
- 3.) Watch for snakes and biting insects
- 4.) Watch for Overhead Powerlines and underground pipelines
- 5.) Watch for thunderstorms and get out of area in advance

Control Measures

(Other requirements for this work)

- | | | |
|---|---|--|
| <input type="checkbox"/> Engineering Controls | <input type="checkbox"/> Lockout/ Tagout | <input type="checkbox"/> Confined Space Permit |
| <input checked="" type="radio"/> Pre-job safety mtg | <input checked="" type="radio"/> Utility Locate | <input type="checkbox"/> Fall Protection Plan |
| <input type="checkbox"/> HASP | <input type="checkbox"/> | <input type="checkbox"/> Training (first aid, hazwoper-- list above) |

Signatures:   

GeoEngineers, Inc. Job Hazard Analysis

Project Name: Lost Lake **Date:** 17 MAY 11
Project Manager: Venu Tammineni **File:** 16715-020-00
On Site Safety Officer: Donnie Smith

Task Descriptions	GeoTech	Drilling	Excavation	Construction Site	Other
	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>

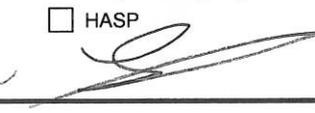
List Tasks with a Safety Component	Task Description
	1.) Inspect all equipment to ensure safe for use
	2.) Watch for heavy machinery such as drill rigs
	3.) Set up rig over borehole location
	4.) Watch for pinch points and trip hazards while drilling
	5.) When lifting heavy equipment, use your legs and more than enough bodies.
	6.)
	7.)

Job Hazards (What will employees need to watch for?) List Hazards:	JOB	HAZARDS		
	<input checked="" type="radio"/> Pinch points	<input type="checkbox"/> Working at heights	<input checked="" type="radio"/> Chemical Haz	<input checked="" type="radio"/> Construction Equipment
	<input checked="" type="radio"/> Sharp edges	<input checked="" type="radio"/> Noise	<input type="checkbox"/> Spills	<input checked="" type="radio"/> Remote area
	<input checked="" type="radio"/> Housekeeping	<input type="checkbox"/> Power tools	<input type="checkbox"/> Drums	Slope/ Terrain
	<input checked="" type="radio"/> Heavy Lifting	<input checked="" type="radio"/> Overhead work	<input checked="" type="radio"/> Weather	<input checked="" type="radio"/> Brush, plants
	<input checked="" type="radio"/> Water	<input checked="" type="radio"/> Pipelines	<input type="checkbox"/>	<input checked="" type="radio"/> Snakes, Insects
	<input checked="" type="radio"/> Marsh	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Required Safety Precautions (Personal Protective Equipment, Tools)	PPE	Equipment	Tools	Actions
	<input checked="" type="radio"/> Hard hat	<input checked="" type="radio"/> Fire Extinguisher	<input checked="" type="radio"/> Cell Phone	<input checked="" type="radio"/> Stay visible
	<input type="checkbox"/> Vis vest	<input checked="" type="radio"/> First Aid Kit	<input type="checkbox"/>	<input checked="" type="radio"/> Watch for pinch points
	<input checked="" type="radio"/> Ear plugs/ muff	<input checked="" type="radio"/> Eye Wash	<input type="checkbox"/>	<input checked="" type="radio"/> Use legs for lifting
	<input type="checkbox"/> Tyvek	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="radio"/> Equipment Inspection
	<input checked="" type="radio"/> Gloves (list type)		<input type="checkbox"/>	<input type="checkbox"/> Fencing/ Barriers
	<input checked="" type="radio"/> Life Jacket		<input type="checkbox"/>	<input type="checkbox"/> Signage
	<input type="checkbox"/> Full body Harness		<input type="checkbox"/>	
	<input checked="" type="radio"/> Steel Toe Boots		<input type="checkbox"/>	

Required Control Measures (What will be done to prevent injury?)	Control Measure
	1.) Hard hat, gloves and eye protection will be worn when operating drill rig
	2.) Tailgate safety meeting before work begins to discuss any safety issues or concerns
	3.) Watch for snakes and biting insects
	4.) Watch for Overhead Powerlines and underground pipelines
	5.) Watch for thunderstorms and get out of area in advance

Control Measures (Other requirements for this work)	Engineering Controls	Lockout/ Tagout	Confined Space Permit
	<input type="checkbox"/> Engineering Controls	<input type="checkbox"/> Lockout/ Tagout	<input type="checkbox"/> Confined Space Permit
	<input checked="" type="radio"/> Pre-job safety mtg	<input checked="" type="radio"/> Utility Locate	<input type="checkbox"/> Fall Protection Plan
	<input type="checkbox"/> HASP	<input type="checkbox"/>	<input type="checkbox"/> Training (first aid, hazwoper-- list above)

Signatures:   

GeoEngineers, Inc. Job Hazard Analysis

Project Name: Lost Lake **Date:** 16 MAY 11
Project Manager: Venu Tammineni **File:** 16715-020-00
On Site Safety Officer: Donnie Smith

Task Descriptions	GeoTech	Drilling	Excavation	Construction Site	Other
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- List Tasks with a Safety Component**
- 1.) Inspect all equipment to ensure safe for use
 - 2.) Watch for heavy machinery such as drill rigs
 - 3.) Set up rig over borehole location
 - 4.) Watch for pinch points and trip hazards while drilling
 - 5.) When lifting heavy equipment, use your legs and more than enough bodies.
 - 6.)
 - 7.)

Job Hazards
(What will employees need to watch for?)
List Hazards:

JOB	HAZARDS
<input checked="" type="checkbox"/> Pinch points	<input type="checkbox"/> Working at heights
<input checked="" type="checkbox"/> Sharp edges	<input checked="" type="checkbox"/> Noise
<input checked="" type="checkbox"/> Housekeeping	<input type="checkbox"/> Power tools
<input checked="" type="checkbox"/> Heavy Lifting	<input checked="" type="checkbox"/> Overhead work
<input checked="" type="checkbox"/> Water	<input checked="" type="checkbox"/> Pipelines
<input checked="" type="checkbox"/> Marsh	<input type="checkbox"/>
	<input checked="" type="checkbox"/> Chemical Haz <input type="checkbox"/> Spills <input type="checkbox"/> Drums <input checked="" type="checkbox"/> Weather <input type="checkbox"/> <input type="checkbox"/>
	<input checked="" type="checkbox"/> Construction Equipment <input checked="" type="checkbox"/> Remote area Slope/ Terrain <input checked="" type="checkbox"/> Brush, plants <input checked="" type="checkbox"/> Snakes, Insects <input type="checkbox"/>

Required Safety Precautions
(Personal Protective Equipment, Tools)

PPE	Equipment	Tools	Actions
<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Fire Extinguisher	<input checked="" type="checkbox"/> Cell Phone	<input checked="" type="checkbox"/> Stay visible
<input type="checkbox"/> Vis vest	<input checked="" type="checkbox"/> First Aid Kit	<input type="checkbox"/>	<input checked="" type="checkbox"/> Watch for pinch points
<input checked="" type="checkbox"/> Ear plugs/ muff	<input checked="" type="checkbox"/> Eye Wash	<input type="checkbox"/>	<input checked="" type="checkbox"/> Use legs for lifting
<input type="checkbox"/> Tyvek	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Equipment Inspection
<input checked="" type="checkbox"/> Gloves (list type)	_____	<input type="checkbox"/>	<input type="checkbox"/> Fencing/ Barriers
<input checked="" type="checkbox"/> Life Jacket	_____	<input type="checkbox"/>	<input type="checkbox"/> Signage
<input type="checkbox"/> Full body Harness	_____	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Steel Toe Boots	_____	<input type="checkbox"/>	<input type="checkbox"/>

- Required Control Measures**
(What will be done to prevent injury?)
- 1.) Hard hat, gloves and eye protection will be worn when operating drill rig
 - 2.) Tailgate safety meeting before work begins to discuss any safety issues or concerns
 - 3.) Watch for snakes and biting insects
 - 4.) Watch for Overhead Powerlines and underground pipelines
 - 5.) Watch for thunderstorms and get out of area in advance

Control Measures
(Other requirements for this work)

<input type="checkbox"/> Engineering Controls	<input type="checkbox"/> Lockout/ Tagout	<input type="checkbox"/> Confined Space Permit
<input checked="" type="checkbox"/> Pre-job safety mtg	<input checked="" type="checkbox"/> Utility Locate	<input type="checkbox"/> Fall Protection Plan
<input type="checkbox"/> HASP	<input type="checkbox"/>	<input type="checkbox"/> Training (first aid, hazwoper-- list above)

Signatures: _____

(Handwritten signatures)

GeoEngineers, Inc. Job Hazard Analysis

Project Name: Lost Lake
 Project Manager: Venu Tammineni
 On Site Safety Officer: Donnie Smith

Date: 19 MAY 11
 File: 16715-020-00

Task Descriptions	GeoTech	Drilling	Excavation	Construction Site	Other
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

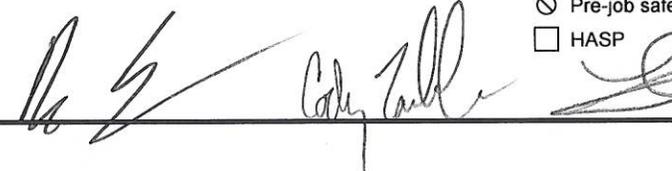
List Tasks with a Safety Component	Task Description
	1.) Inspect all equipment to ensure safe for use
	2.) Watch for heavy machinery such as drill rigs
	3.) Set up rig over borehole location
	4.) Watch for pinch points and trip hazards while drilling
	5.) When lifting heavy equipment, use your legs and more than enough bodies.
	6.)
	7.)

Job Hazards (What will employees need to watch for?) List Hazards:	JOB	HAZARDS		
	<input checked="" type="checkbox"/> Pinch points	<input type="checkbox"/> Working at heights	<input checked="" type="checkbox"/> Chemical Haz	<input checked="" type="checkbox"/> Construction Equipment
	<input checked="" type="checkbox"/> Sharp edges	<input checked="" type="checkbox"/> Noise	<input type="checkbox"/> Spills	<input checked="" type="checkbox"/> Remote area
	<input checked="" type="checkbox"/> Housekeeping	<input type="checkbox"/> Power tools	<input type="checkbox"/> Drums	Slope/ Terrain
	<input checked="" type="checkbox"/> Heavy Lifting	<input checked="" type="checkbox"/> Overhead work	<input checked="" type="checkbox"/> Weather	<input checked="" type="checkbox"/> Brush, plants
	<input checked="" type="checkbox"/> Water	<input checked="" type="checkbox"/> Pipelines	<input type="checkbox"/>	<input checked="" type="checkbox"/> Snakes, Insects
	<input checked="" type="checkbox"/> Marsh	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Required Safety Precautions (Personal Protective Equipment, Tools)	PPE	Equipment	Tools	Actions
	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Fire Extinguisher	<input checked="" type="checkbox"/> Cell Phone	<input checked="" type="checkbox"/> Stay visible
	<input type="checkbox"/> Vis vest	<input checked="" type="checkbox"/> First Aid Kit	<input type="checkbox"/>	<input checked="" type="checkbox"/> Watch for pinch points
	<input checked="" type="checkbox"/> Ear plugs/ muff	<input checked="" type="checkbox"/> Eye Wash	<input type="checkbox"/>	<input checked="" type="checkbox"/> Use legs for lifting
	<input type="checkbox"/> Tyvek	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Equipment Inspection
	<input checked="" type="checkbox"/> Gloves (list type)	_____	<input type="checkbox"/>	<input type="checkbox"/> Fencing/ Barriers
	<input checked="" type="checkbox"/> Life Jacket		<input type="checkbox"/>	<input type="checkbox"/> Signage
	<input type="checkbox"/> Full body Harness		<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> Steel Toe Boots		<input type="checkbox"/>	<input type="checkbox"/>

Required Control Measures (What will be done to prevent injury?)	Control Measure
	1.) Hard hat, gloves and eye protection will be worn when operating drill rig
	2.) Tailgate safety meeting before work begins to discuss any safety issues or concerns
	3.) Watch for snakes and biting insects
	4.) Watch for Overhead Powerlines and underground pipelines
	5.) Watch for thunderstorms and get out of area in advance

Control Measures (Other requirements for this work)	Control Measure	Control Measure
	<input type="checkbox"/> Engineering Controls	<input type="checkbox"/> Lockout/ Tagout
	<input checked="" type="checkbox"/> Pre-job safety mtg	<input checked="" type="checkbox"/> Utility Locate
	<input type="checkbox"/> HASP	<input type="checkbox"/> Confined Space Permit
		<input type="checkbox"/> Fall Protection Plan
		<input type="checkbox"/> Training (first aid, hazwoper-- list above)

Signatures: 

GeoEngineers, Inc. Job Hazard Analysis

Project Name: Lost Lake **Date:** 27 MAY 11
Project Manager: Venu Tammineni **File:** 16715-020-00
On Site Safety Officer: Donnie Smith

Task Descriptions	GeoTech	Drilling	Excavation	Construction Site	Other
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- List Tasks with a Safety Component**
- 1.) Inspect all equipment to ensure safe for use
 - 2.) Watch for heavy machinery such as drill rigs
 - 3.) Set up rig over borehole location
 - 4.) Watch for pinch points and trip hazards while drilling
 - 5.) When lifting heavy equipment, use your legs and more than enough bodies.
 - 6.)
 - 7.)

Job Hazards
(What will employees need to watch for?)
List Hazards:

JOB	HAZARDS
<input checked="" type="checkbox"/> Pinch points	<input type="checkbox"/> Working at heights
<input checked="" type="checkbox"/> Sharp edges	<input checked="" type="checkbox"/> Noise
<input checked="" type="checkbox"/> Housekeeping	<input type="checkbox"/> Power tools
<input checked="" type="checkbox"/> Heavy Lifting	<input checked="" type="checkbox"/> Overhead work
<input checked="" type="checkbox"/> Water	<input checked="" type="checkbox"/> Pipelines
<input checked="" type="checkbox"/> Marsh	<input type="checkbox"/>
	<input checked="" type="checkbox"/> Chemical Haz
	<input type="checkbox"/> Spills
	<input type="checkbox"/> Drums
	<input checked="" type="checkbox"/> Weather
	<input checked="" type="checkbox"/> Construction Equipment
	<input checked="" type="checkbox"/> Remote area
	<input type="checkbox"/> Slope/ Terrain
	<input checked="" type="checkbox"/> Brush, plants
	<input checked="" type="checkbox"/> Snakes, Insects
	<input type="checkbox"/>

Required Safety Precautions
(Personal Protective Equipment, Tools)

PPE	Equipment	Tools	Actions
<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Fire Extinguisher	<input checked="" type="checkbox"/> Cell Phone	<input checked="" type="checkbox"/> Stay visible
<input type="checkbox"/> Vis vest	<input checked="" type="checkbox"/> First Aid Kit	<input type="checkbox"/>	<input checked="" type="checkbox"/> Watch for pinch points
<input checked="" type="checkbox"/> Ear plugs/ muff	<input checked="" type="checkbox"/> Eye Wash	<input type="checkbox"/>	<input checked="" type="checkbox"/> Use legs for lifting
<input type="checkbox"/> Tyvek	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Equipment Inspection
<input checked="" type="checkbox"/> Gloves (list type)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Fencing/ Barriers
<input checked="" type="checkbox"/> Life Jacket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Signage
<input type="checkbox"/> Full body Harness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Steel Toe Boots	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- Required Control Measures**
(What will be done to prevent injury?)
- 1.) Hard hat, gloves and eye protection will be worn when operating drill rig
 - 2.) Tailgate safety meeting before work begins to discuss any safety issues or concerns
 - 3.) Watch for snakes and biting insects
 - 4.) Watch for Overhead Powerlines and underground pipelines
 - 5.) Watch for thunderstorms and get out of area in advance

Control Measures
(Other requirements for this work)

<input type="checkbox"/> Engineering Controls	<input type="checkbox"/> Lockout/ Tagout	<input type="checkbox"/> Confined Space Permit
<input checked="" type="checkbox"/> Pre-job safety mtg	<input checked="" type="checkbox"/> Utility Locate	<input type="checkbox"/> Fall Protection Plan
<input type="checkbox"/> HASP	<input type="checkbox"/>	<input type="checkbox"/> Training (first aid, hazwoper-- list above)

Signatures: _____

GeoEngineers, Inc. Job Hazard Analysis

Project Name: Lost Lake
Project Manager: Venu Tammineni
On Site Safety Officer: Donnie Smith

Date: 28 MAY 11
File: 16715-020-00

Task Descriptions	GeoTech	Drilling	Excavation	Construction Site	Other
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

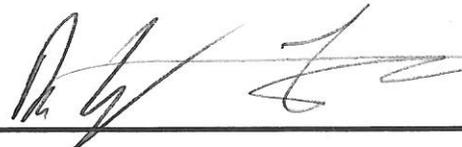
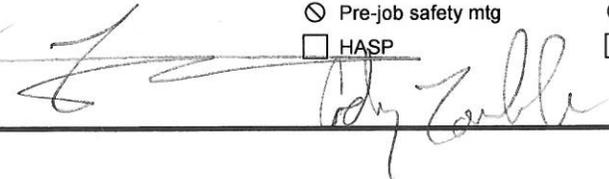
List Tasks with a Safety Component	Task Description
	1.) Inspect all equipment to ensure safe for use
	2.) Watch for heavy machinery such as drill rigs
	3.) Set up rig over borehole location
	4.) Watch for pinch points and trip hazards while drilling
	5.) When lifting heavy equipment, use your legs and more than enough bodies.
	6.)
	7.)

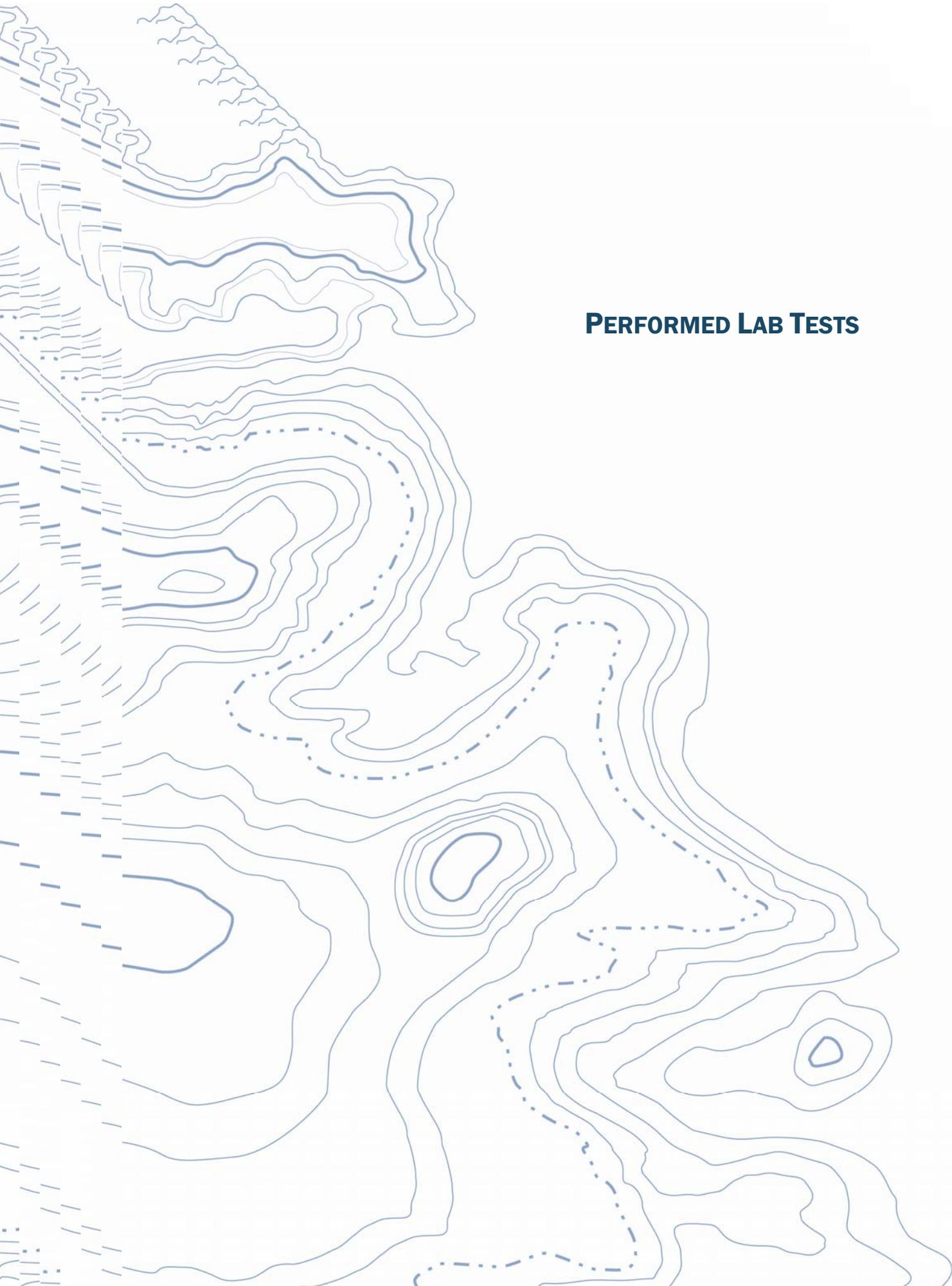
Job Hazards (What will employees need to watch for?) List Hazards:	JOB	HAZARDS		
	<input checked="" type="checkbox"/> Pinch points	<input type="checkbox"/> Working at heights	<input checked="" type="checkbox"/> Chemical Haz	<input checked="" type="checkbox"/> Construction Equipment
	<input checked="" type="checkbox"/> Sharp edges	<input checked="" type="checkbox"/> Noise	<input type="checkbox"/> Spills	<input checked="" type="checkbox"/> Remote area
	<input checked="" type="checkbox"/> Housekeeping	<input type="checkbox"/> Power tools	<input type="checkbox"/> Drums	Slope/ Terrain
	<input checked="" type="checkbox"/> Heavy Lifting	<input checked="" type="checkbox"/> Overhead work	<input checked="" type="checkbox"/> Weather	<input checked="" type="checkbox"/> Brush, plants
	<input checked="" type="checkbox"/> Water	<input checked="" type="checkbox"/> Pipelines	<input type="checkbox"/>	<input checked="" type="checkbox"/> Snakes, Insects
	<input checked="" type="checkbox"/> Marsh	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Required Safety Precautions (Personal Protective Equipment, Tools)	PPE	Equipment	Tools	Actions
	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Fire Extinguisher	<input checked="" type="checkbox"/> Cell Phone	<input checked="" type="checkbox"/> Stay visible
	<input type="checkbox"/> Vis vest	<input checked="" type="checkbox"/> First Aid Kit	<input type="checkbox"/>	<input checked="" type="checkbox"/> Watch for pinch points
	<input checked="" type="checkbox"/> Ear plugs/ muff	<input checked="" type="checkbox"/> Eye Wash	<input type="checkbox"/>	<input checked="" type="checkbox"/> Use legs for lifting
	<input type="checkbox"/> Tyvek	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Equipment Inspection
	<input checked="" type="checkbox"/> Gloves (list type)	_____	<input type="checkbox"/>	<input type="checkbox"/> Fencing/ Barriers
	<input checked="" type="checkbox"/> Life Jacket		<input type="checkbox"/>	<input type="checkbox"/> Signage
	<input type="checkbox"/> Full body Harness		<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> Steel Toe Boots		<input type="checkbox"/>	<input type="checkbox"/>

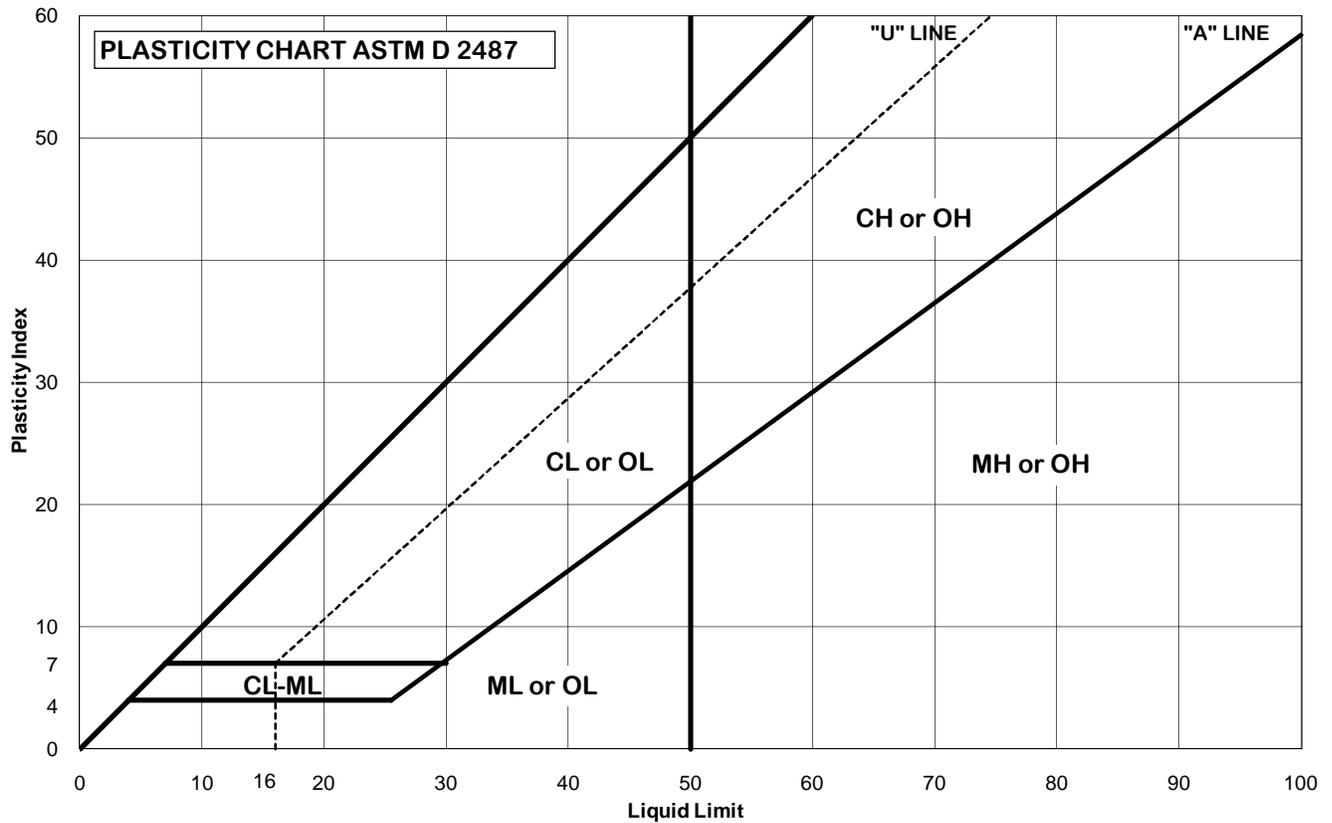
Required Control Measures (What will be done to prevent injury?)	Control Measure
	1.) Hard hat, gloves and eye protection will be worn when operating drill rig
	2.) Tailgate safety meeting before work begins to discuss any safety issues or concerns
	3.) Watch for snakes and biting insects
	4.) Watch for Overhead Powerlines and underground pipelines
	5.) Watch for thunderstorms and get out of area in advance

Control Measures (Other requirements for this work)	Engineering Controls	Lockout/ Tagout	Confined Space Permit
	<input checked="" type="checkbox"/> Pre-job safety mtg	<input checked="" type="checkbox"/> Utility Locate	<input type="checkbox"/> Fall Protection Plan
	<input type="checkbox"/> HASP	<input type="checkbox"/>	<input type="checkbox"/> Training (first aid, hazwoper-- list above)

Signatures:  



PERFORMED LAB TESTS



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	1	Natural WC:	#DIV/0!
Depth, ft.	7-9	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray Peat (PT)		

Classification (fraction passing No. 40 sieve)

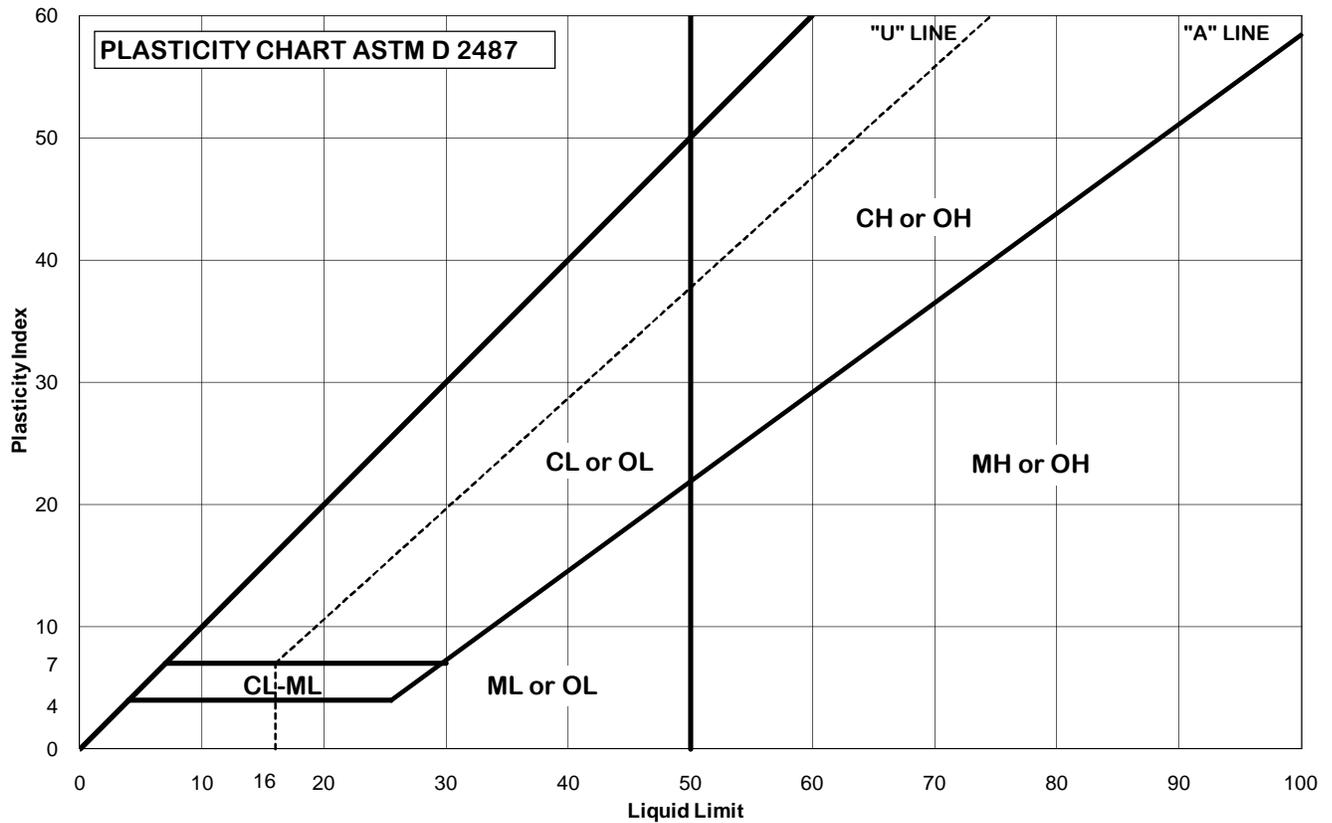
Liquid Limit =	331
Plastic Limit =	101
Plasticity Index =	230

Date:	6/13/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	1	Natural WC:	#DIV/0!
Depth, ft.	11-13	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

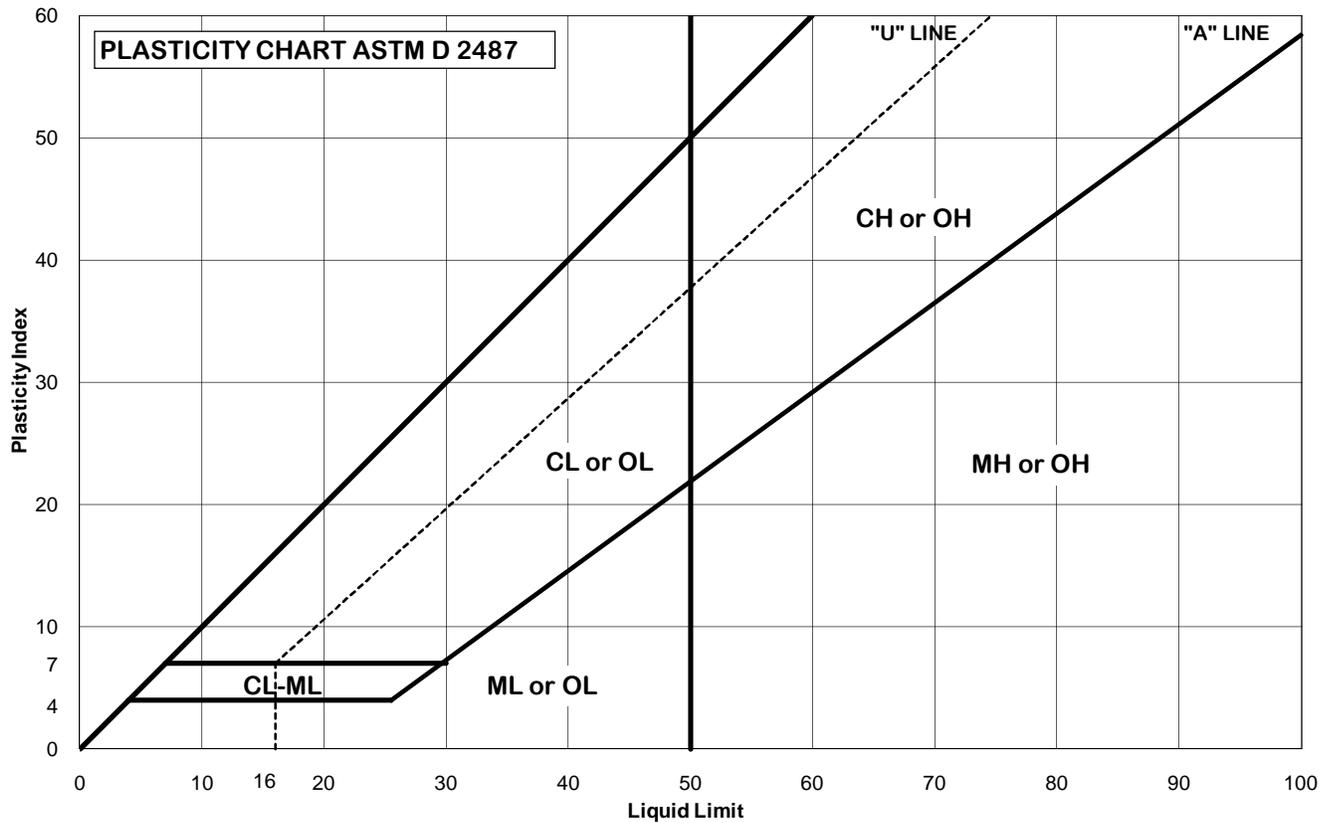
Liquid Limit =	169
Plastic Limit =	29
Plasticity Index =	140

Date:	6/14/2011
Tested By:	MJK/TJS
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	1	Natural WC:	#DIV/0!
Depth, ft.	13-15	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

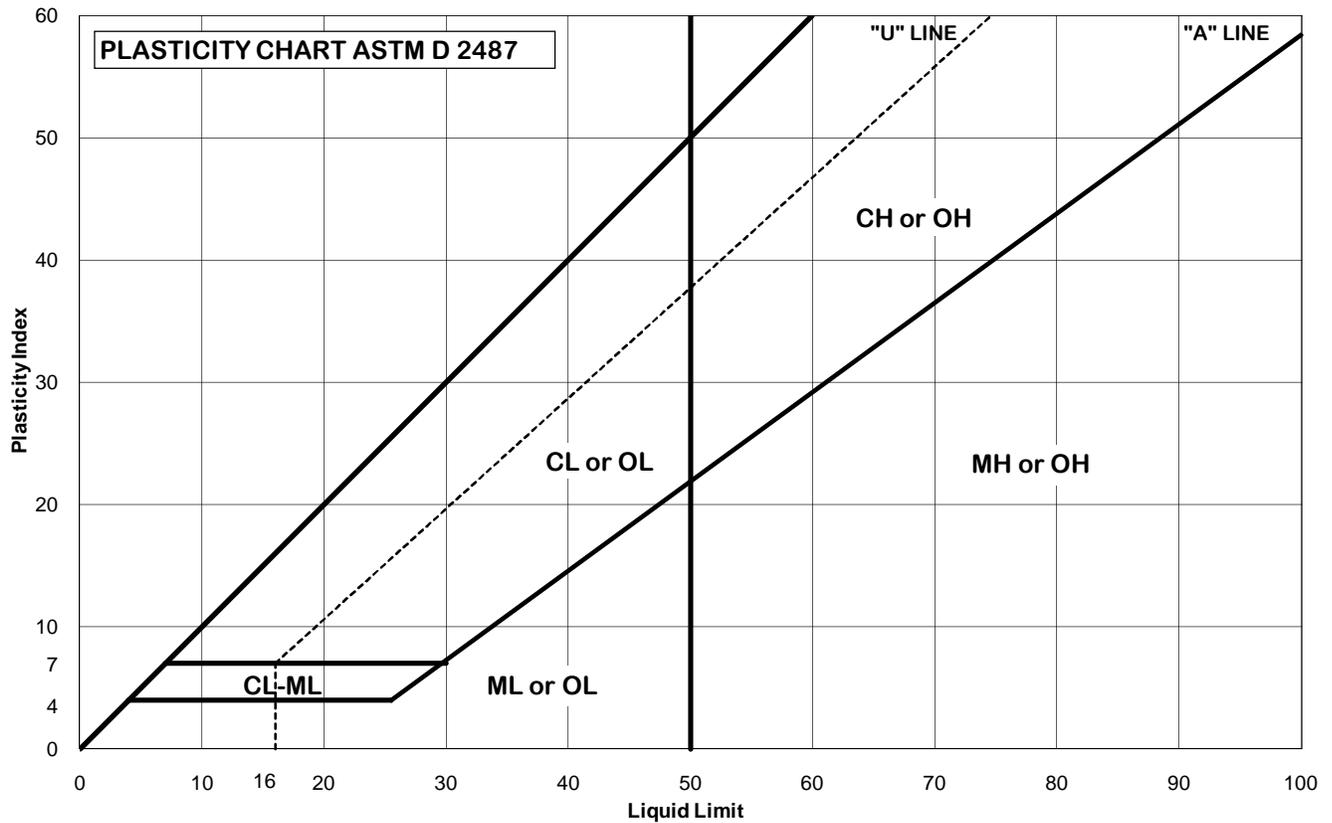
Liquid Limit =	141
Plastic Limit =	35
Plasticity Index =	106

Date:	6/13/2011
Tested By:	MJK/TJS
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	1	Natural WC:	#DIV/0!
Depth, ft.	17-19	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

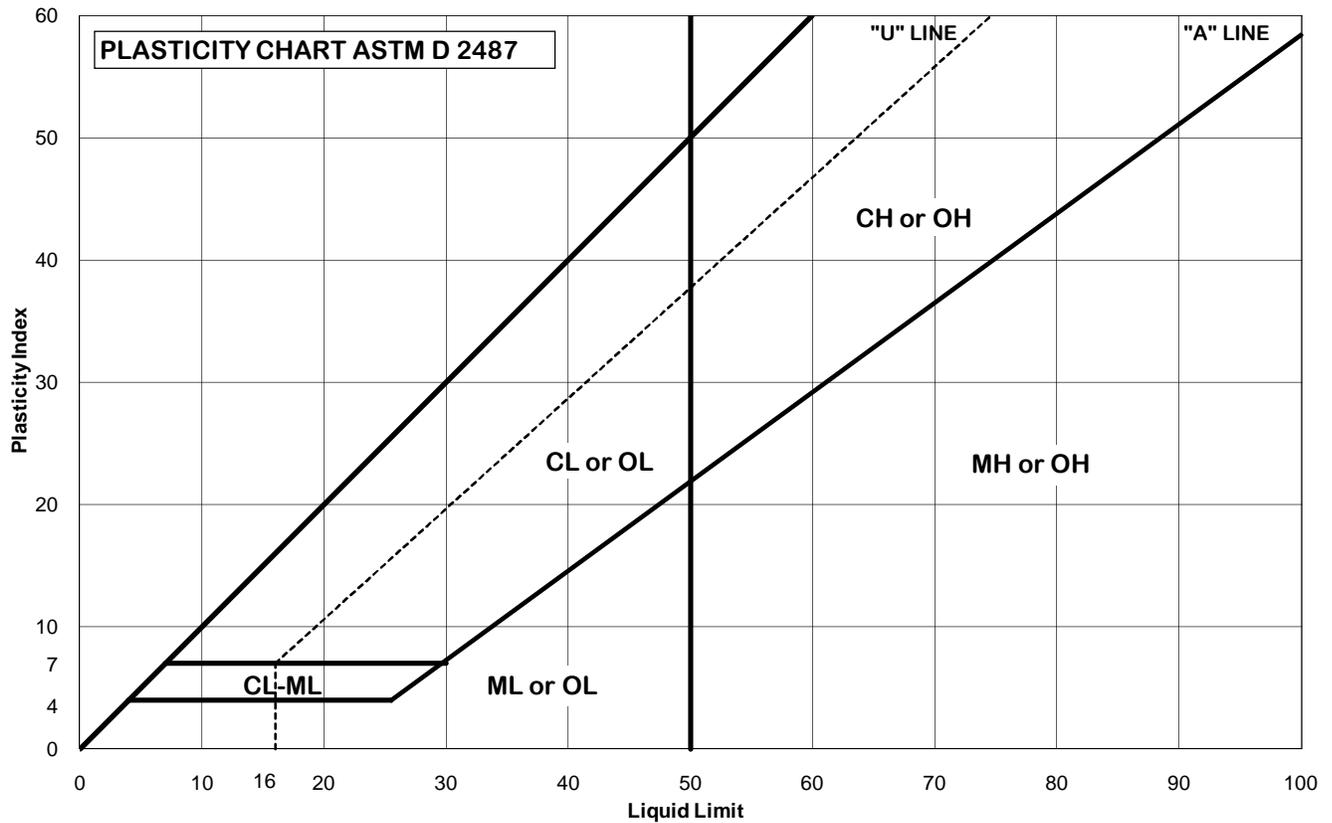
Liquid Limit =	156
Plastic Limit =	57
Plasticity Index =	99

Date:	6/13/2011
Tested By:	BH
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	1	Natural WC:	#DIV/0!
Depth, ft.	19-21	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with shell fragments (CH)		

Classification (fraction passing No. 40 sieve)

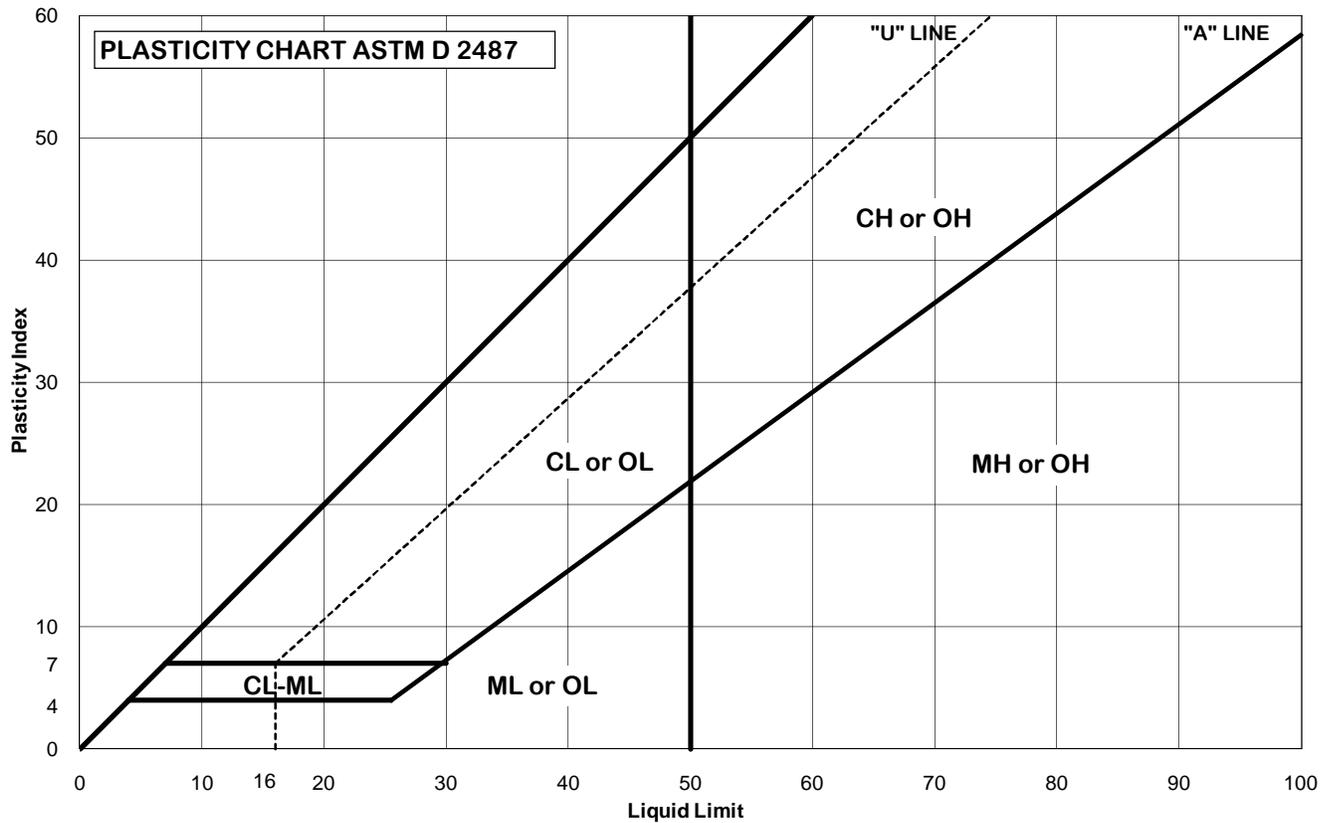
Liquid Limit =	116
Plastic Limit =	27
Plasticity Index =	88

Date:	6/13/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	1	Natural WC:	#DIV/0!
Depth, ft.	23-25	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter (CH)		

Classification (fraction passing No. 40 sieve)

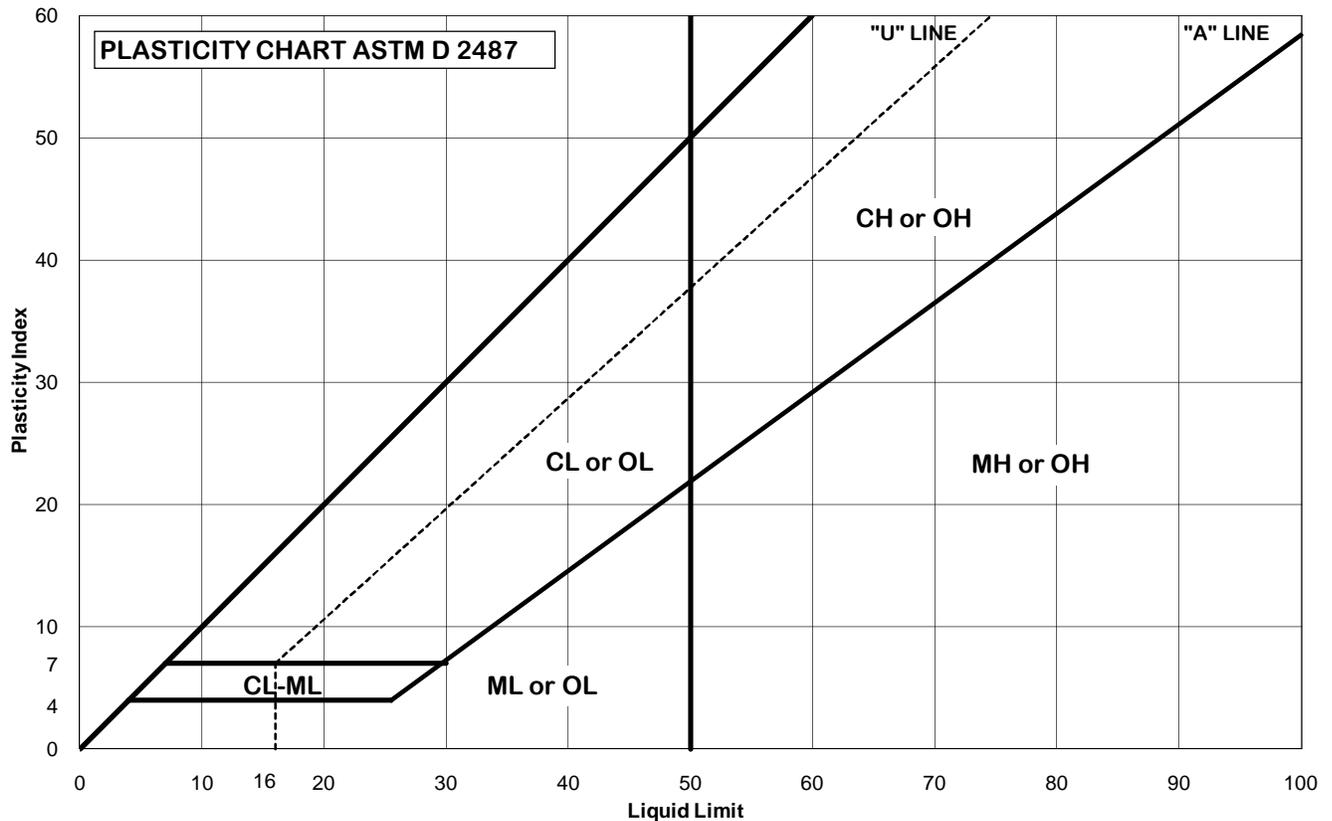
Liquid Limit =	153
Plastic Limit =	46
Plasticity Index =	107

Date:	6/13/2011
Tested By:	BH
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	1	Natural WC:	#DIV/0!
Depth, ft.	33-35	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

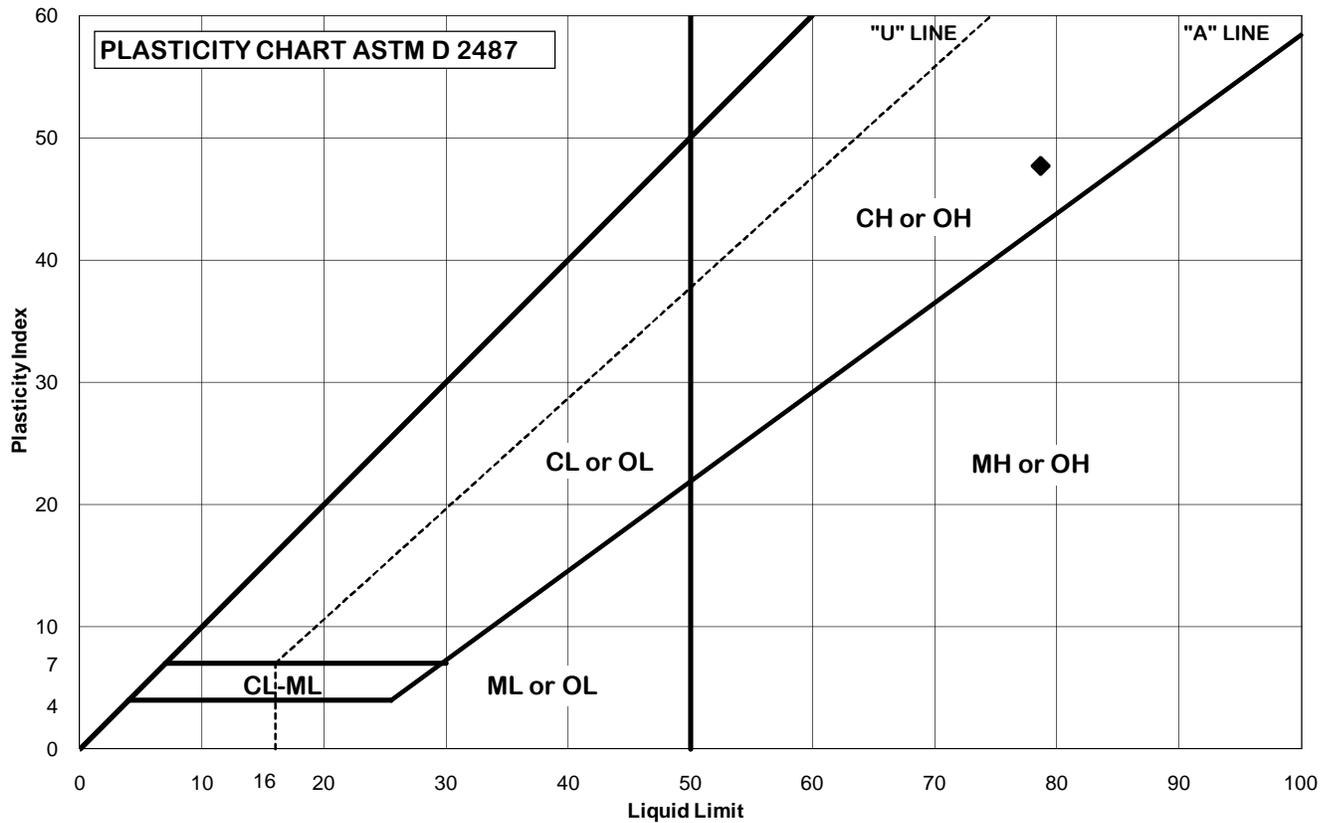
Liquid Limit =	130
Plastic Limit =	39
Plasticity Index =	90

Date:	6/14/2011
Tested By:	BH
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	1	Natural WC:	#DIV/0!
Depth, ft.	43-45	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter (CH)		

Classification (fraction passing No. 40 sieve)

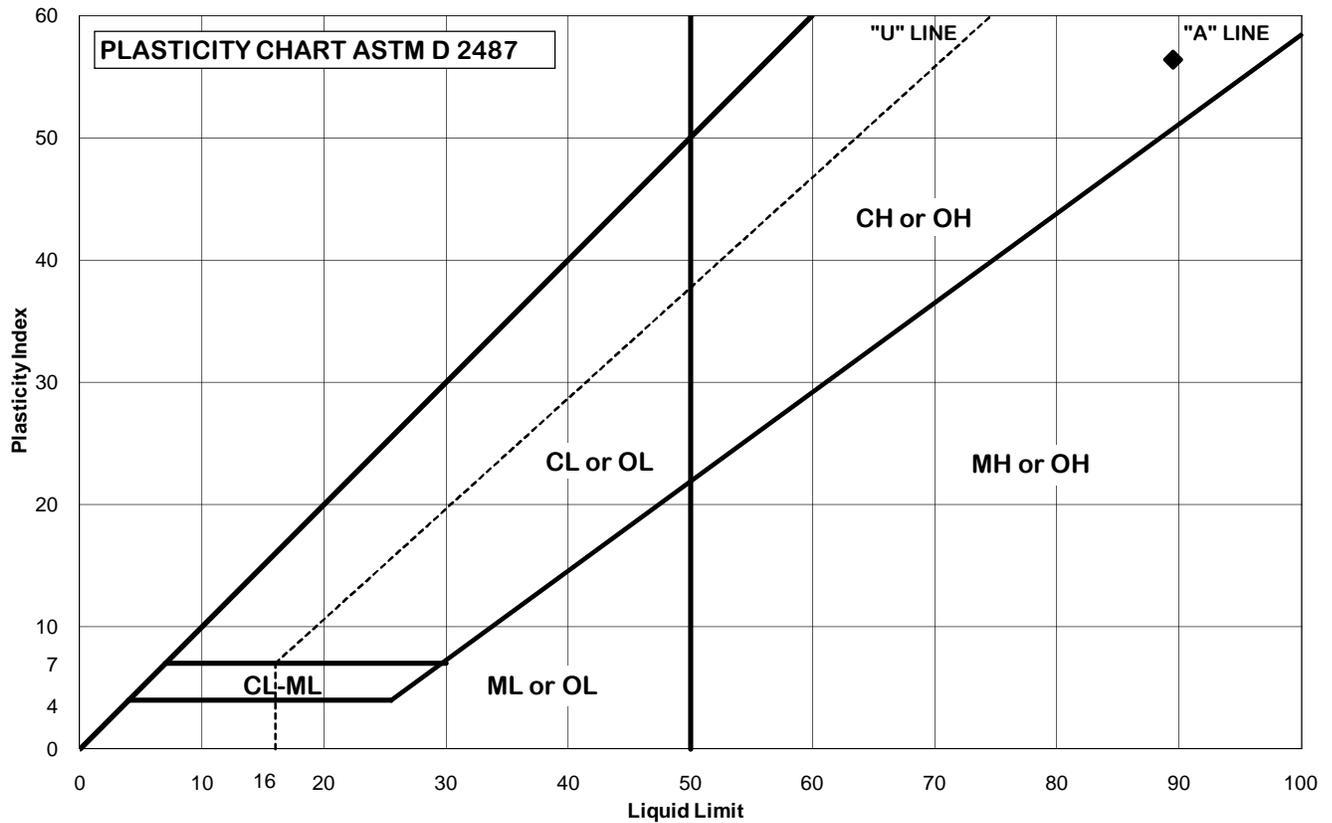
Liquid Limit =	79
Plastic Limit =	31
Plasticity Index =	48

Date:	6/16/2011
Tested By:	BH
Checked By:	DAS

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	1	Natural WC:	#DIV/0!
Depth, ft.	48-50	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter traces (CH)		

Classification (fraction passing No. 40 sieve)

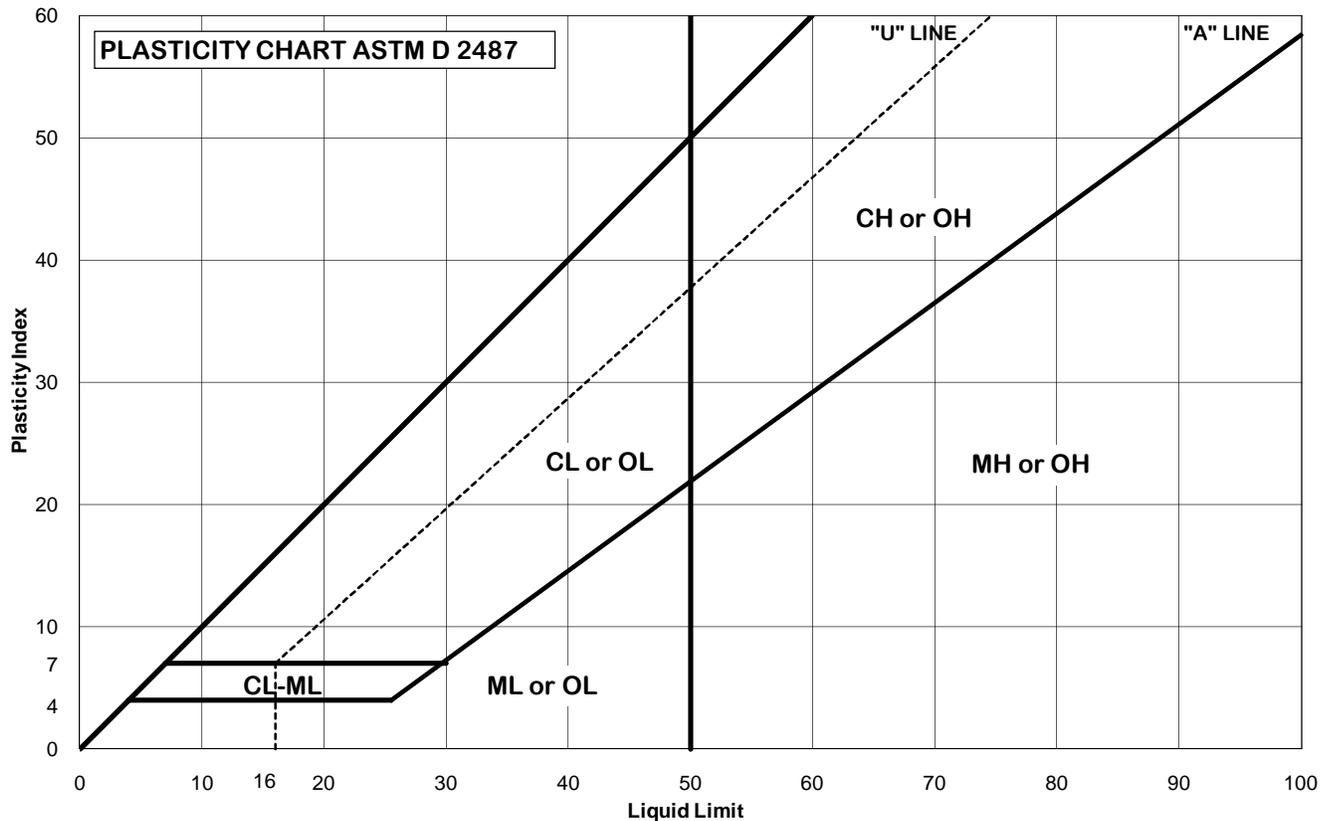
Liquid Limit =	90
Plastic Limit =	33
Plasticity Index =	56

Date:	6/13/2011
Tested By:	MJK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	2	Natural WC:	#DIV/0!
Depth, ft.	6-8	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

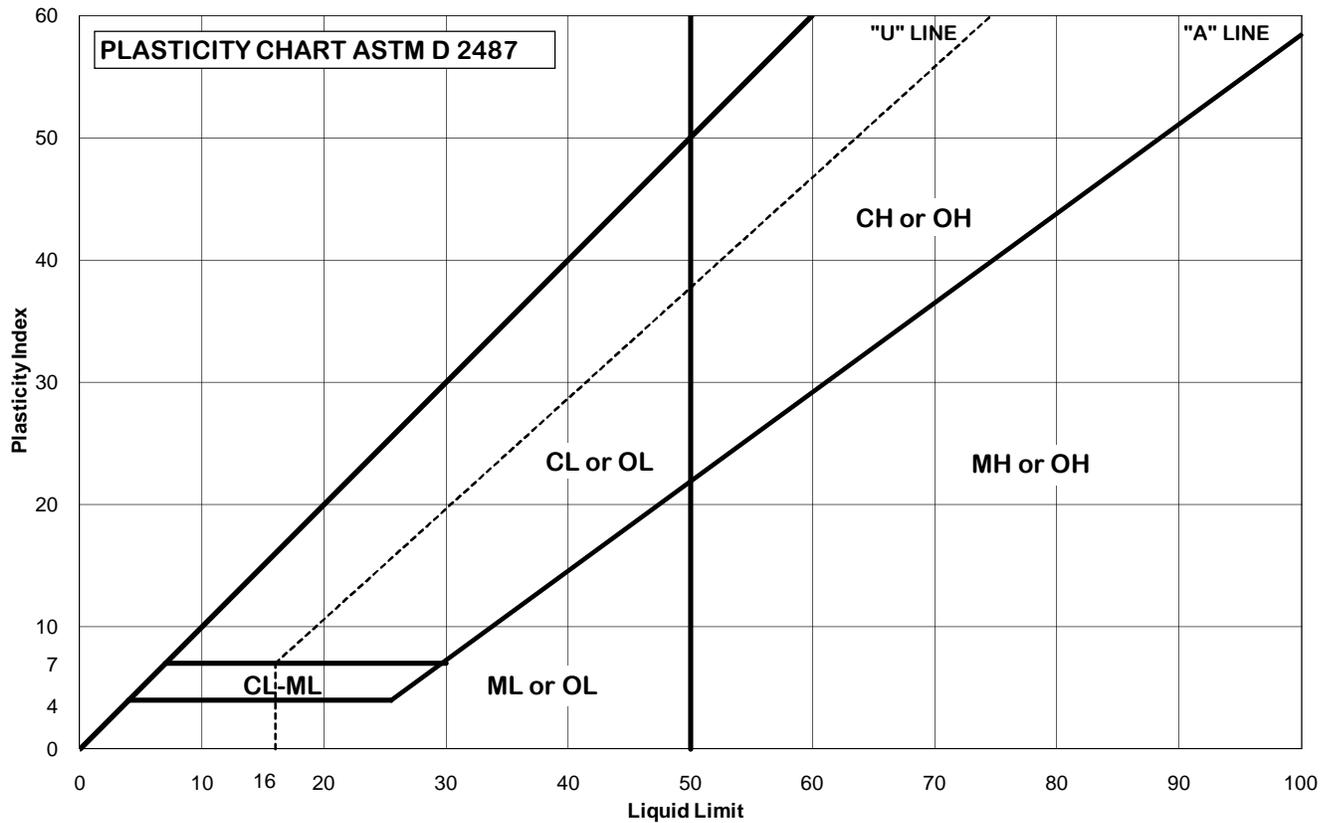
Liquid Limit =	156
Plastic Limit =	41
Plasticity Index =	115

Date:	6/14/2011
Tested By:	BH/MK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	2	Natural WC:	#DIV/0!
Depth, ft.	14-16	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay with 1" peat layer (OH)		

Classification (fraction passing No. 40 sieve)

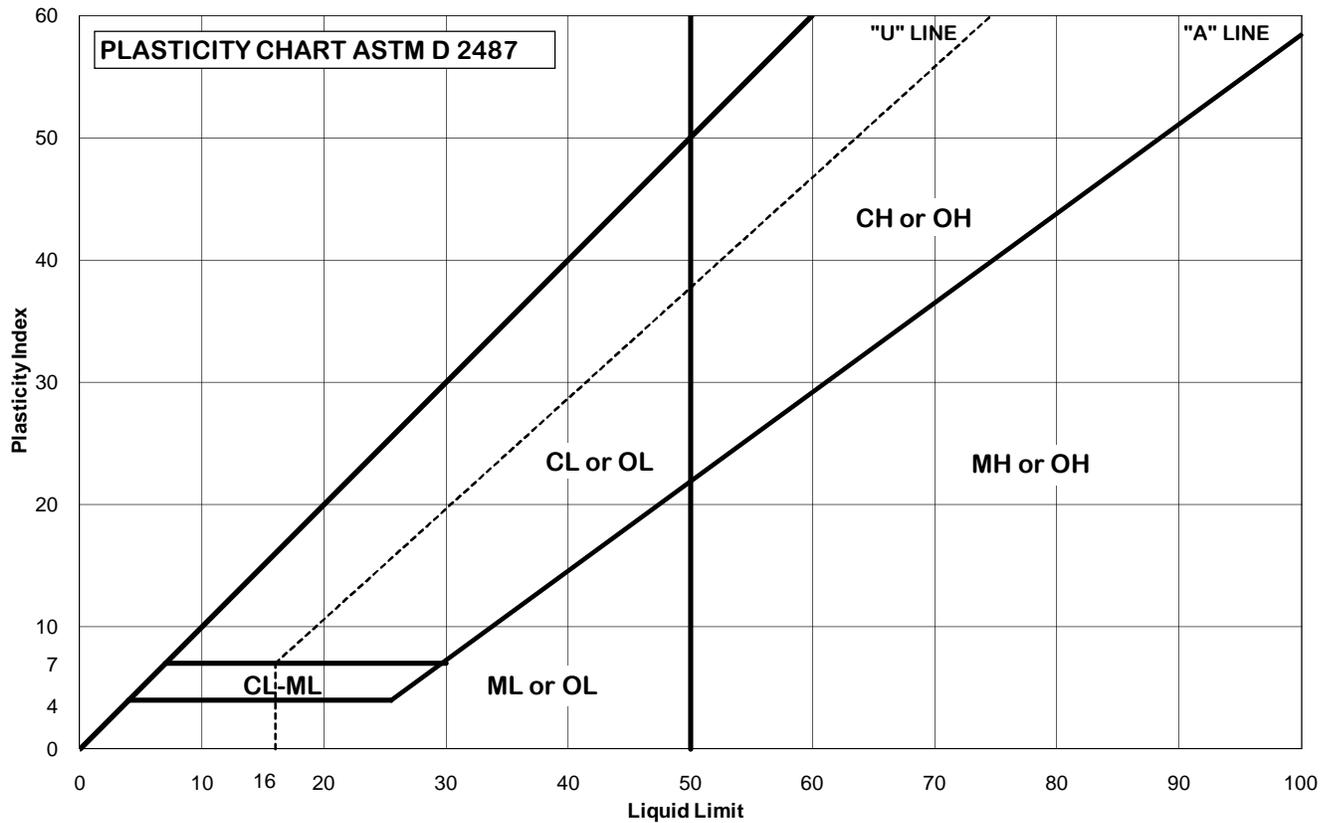
Liquid Limit =	104
Plastic Limit =	27
Plasticity Index =	77

Date:	6/13/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	2	Natural WC:	#DIV/0!
Depth, ft.	22-24	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

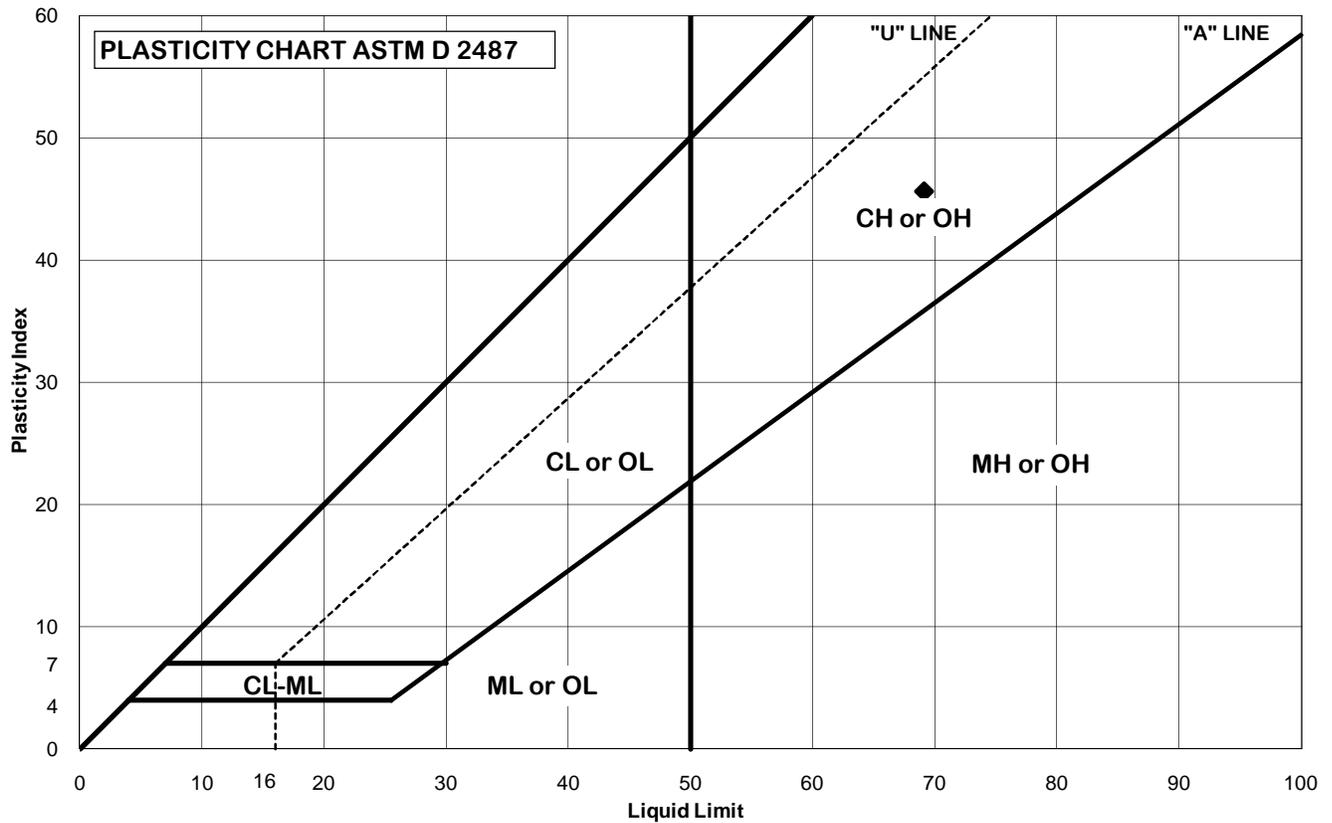
Liquid Limit =	154
Plastic Limit =	56
Plasticity Index =	98

Date:	6/13/2011
Tested By:	MJK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	2	Natural WC:	#DIV/0!
Depth, ft.	29-31	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

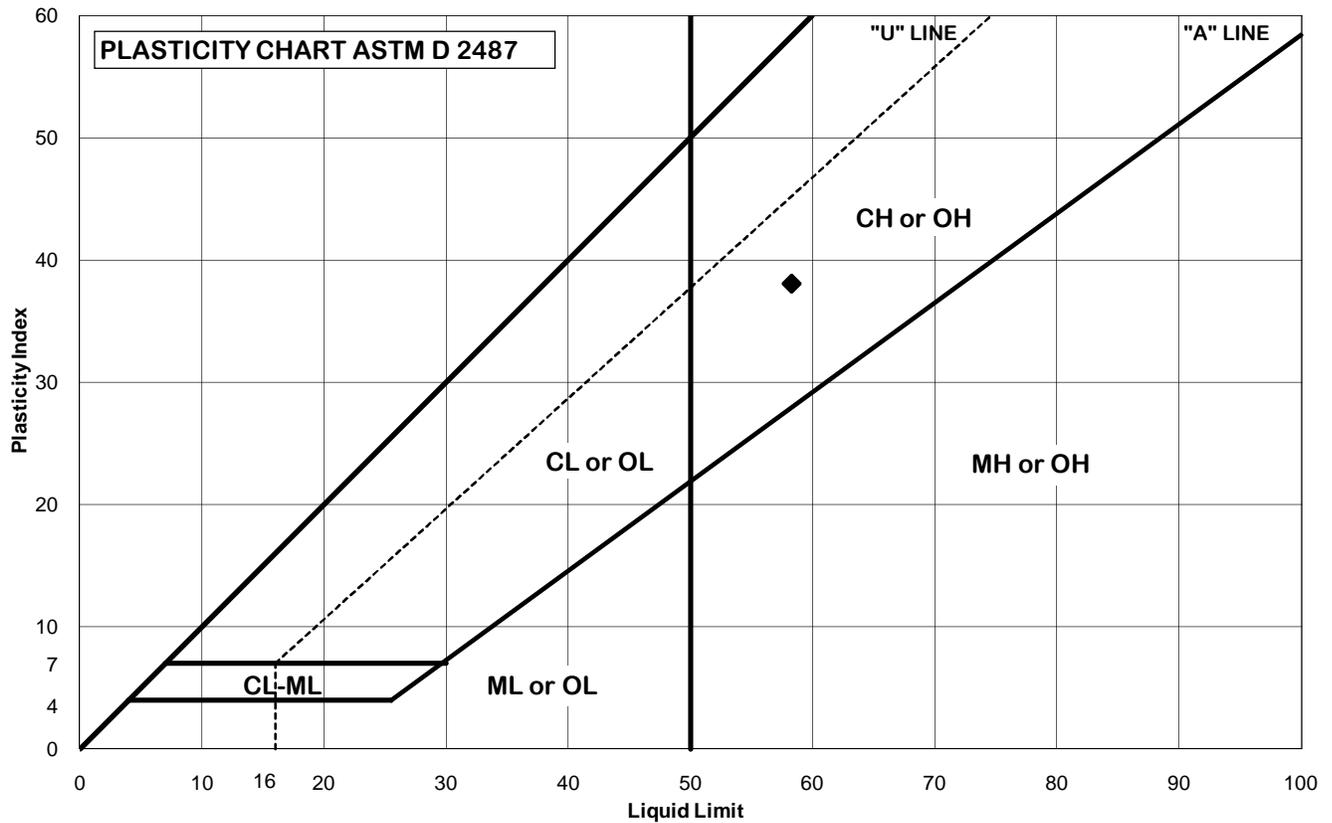
Liquid Limit =	69
Plastic Limit =	24
Plasticity Index =	46

Date:	6/13/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	2	Natural WC:	#DIV/0!
Depth, ft.	39-41	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with 3 1/2" clayey silt layer (CH)		

Classification (fraction passing No. 40 sieve)

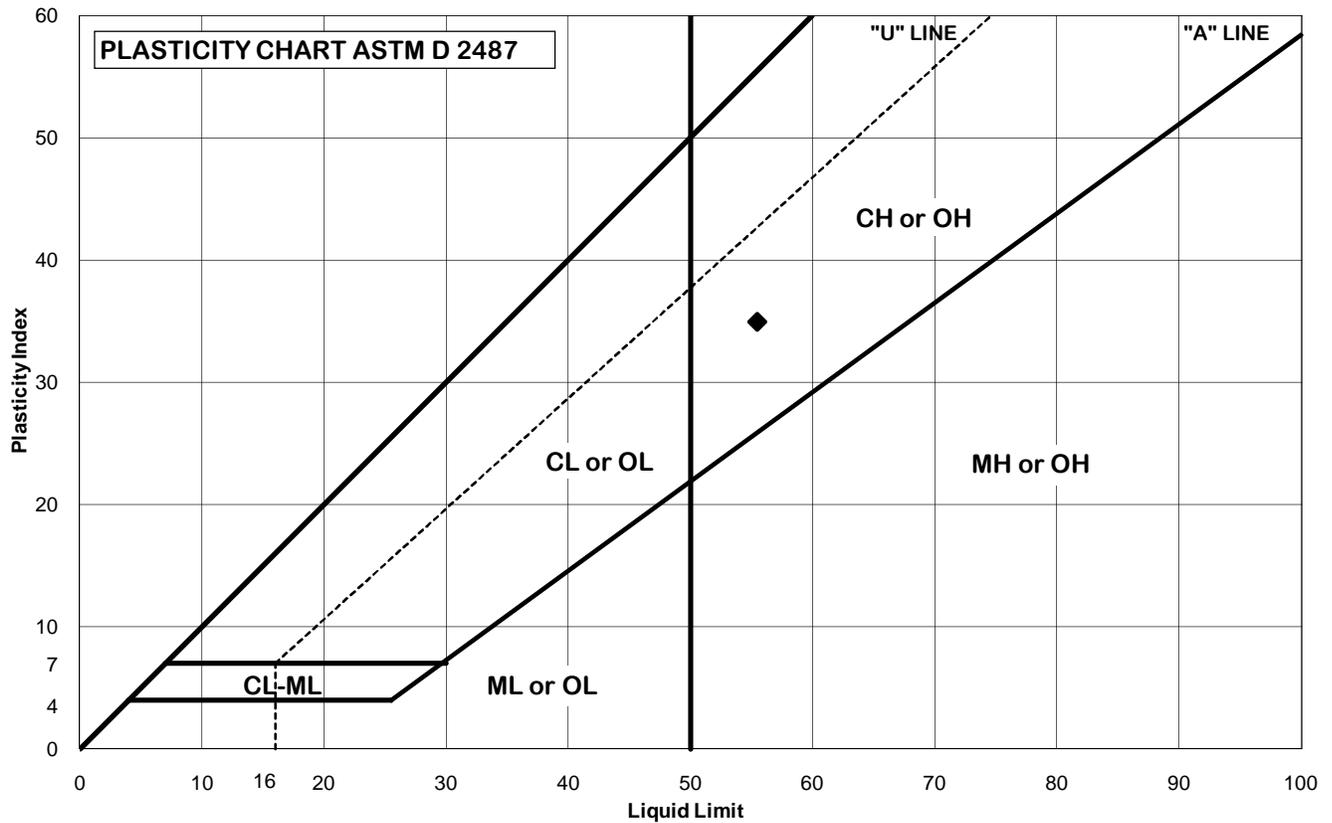
Liquid Limit =	58
Plastic Limit =	20
Plasticity Index =	38

Date:	6/13/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	2	Natural WC:	#DIV/0!
Depth, ft.	49-51	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with silt traces (CH)		

Classification (fraction passing No. 40 sieve)

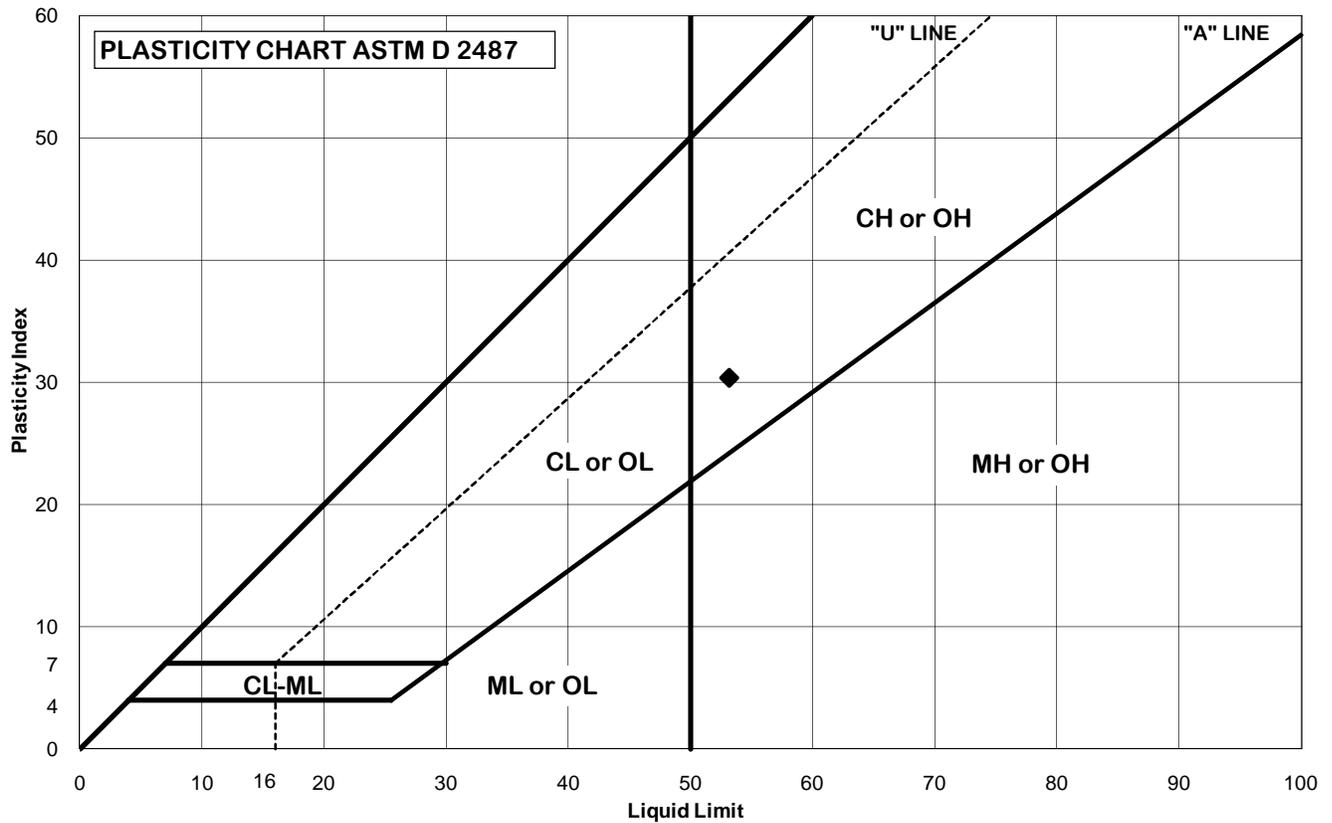
Liquid Limit =	55
Plastic Limit =	21
Plasticity Index =	35

Date:	6/13/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	2	Natural WC:	#DIV/0!
Depth, ft.	54-56	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

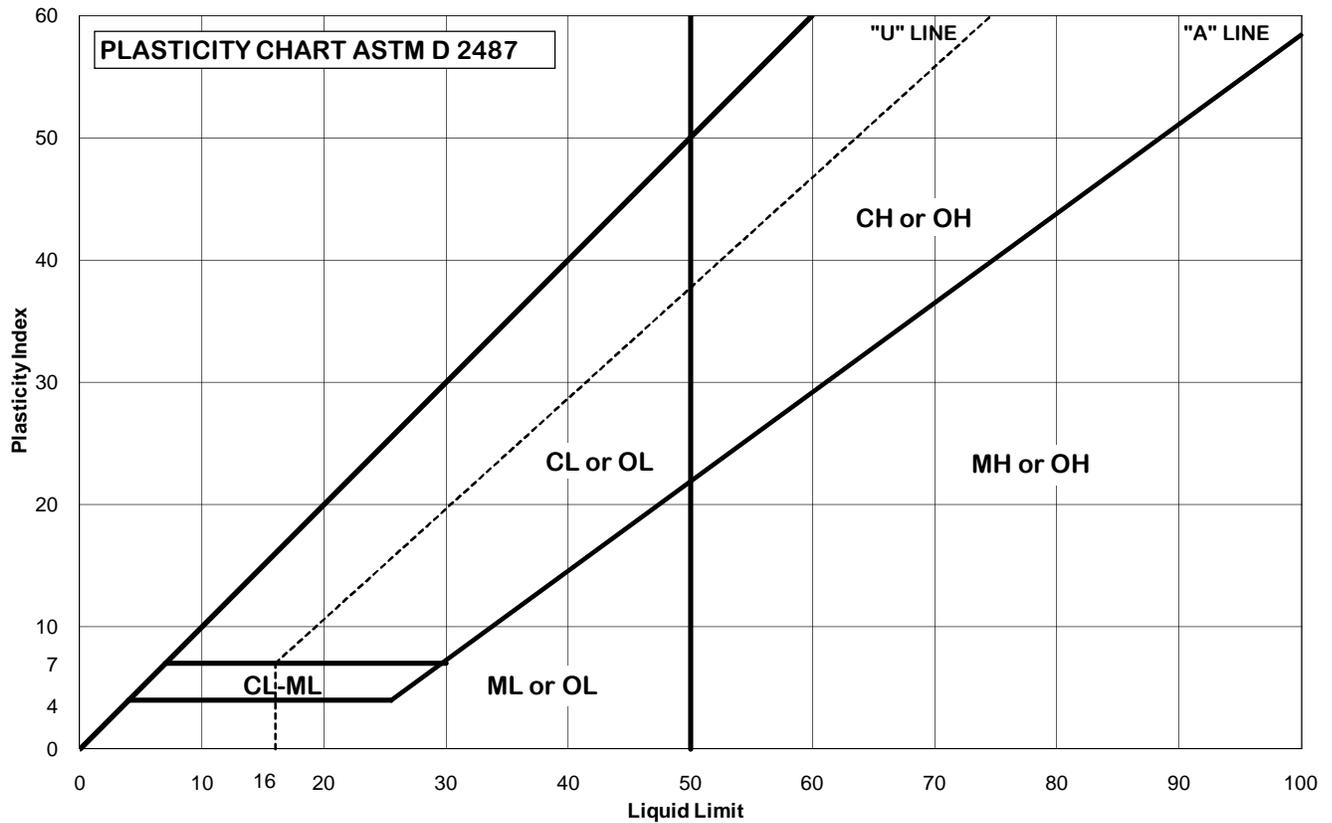
Liquid Limit =	53
Plastic Limit =	23
Plasticity Index =	30

Date:	6/13/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	3	Natural WC:	#DIV/0!
Depth, ft.	4-6	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

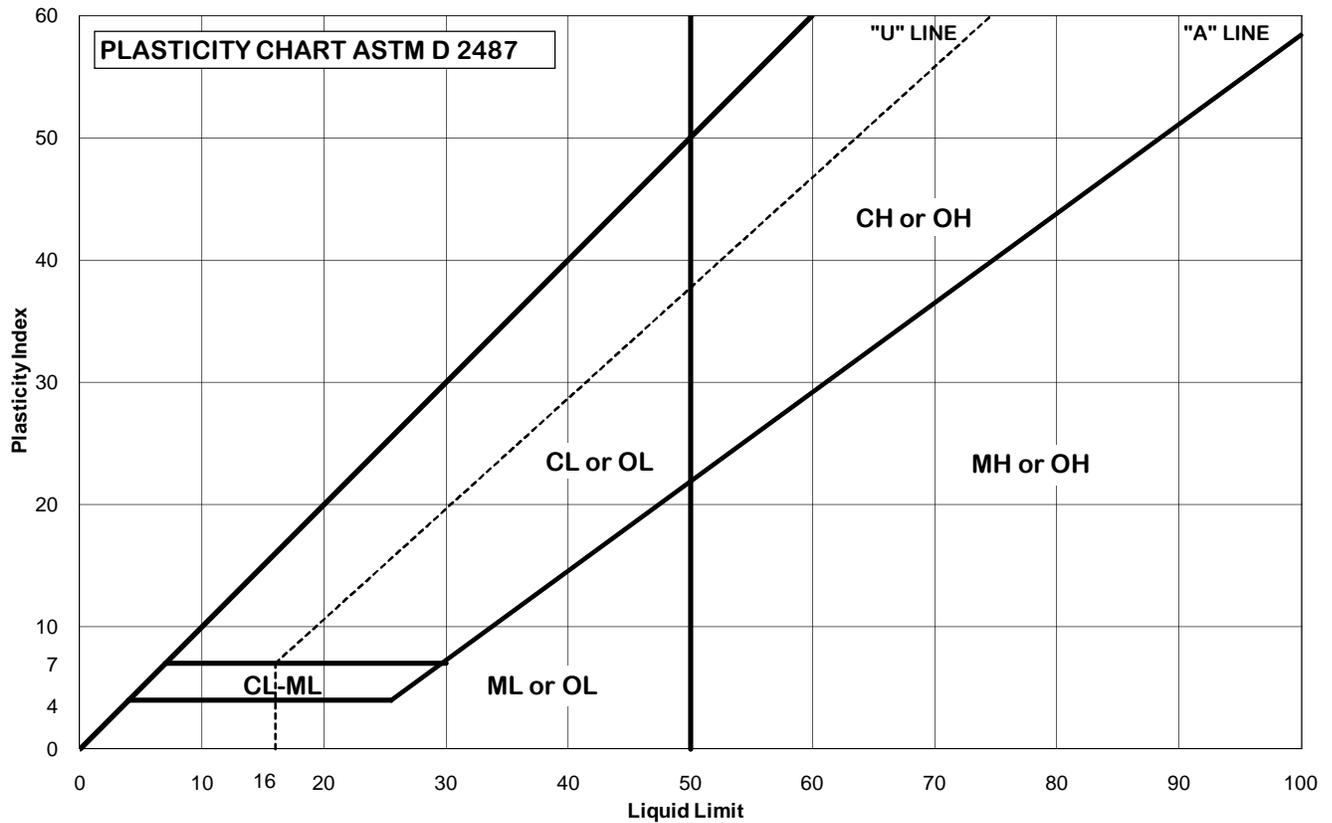
Liquid Limit =	145
Plastic Limit =	35
Plasticity Index =	110

Date:	6/13/2011
Tested By:	BH
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	3	Natural WC:	#DIV/0!
Depth, ft.	8-10	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

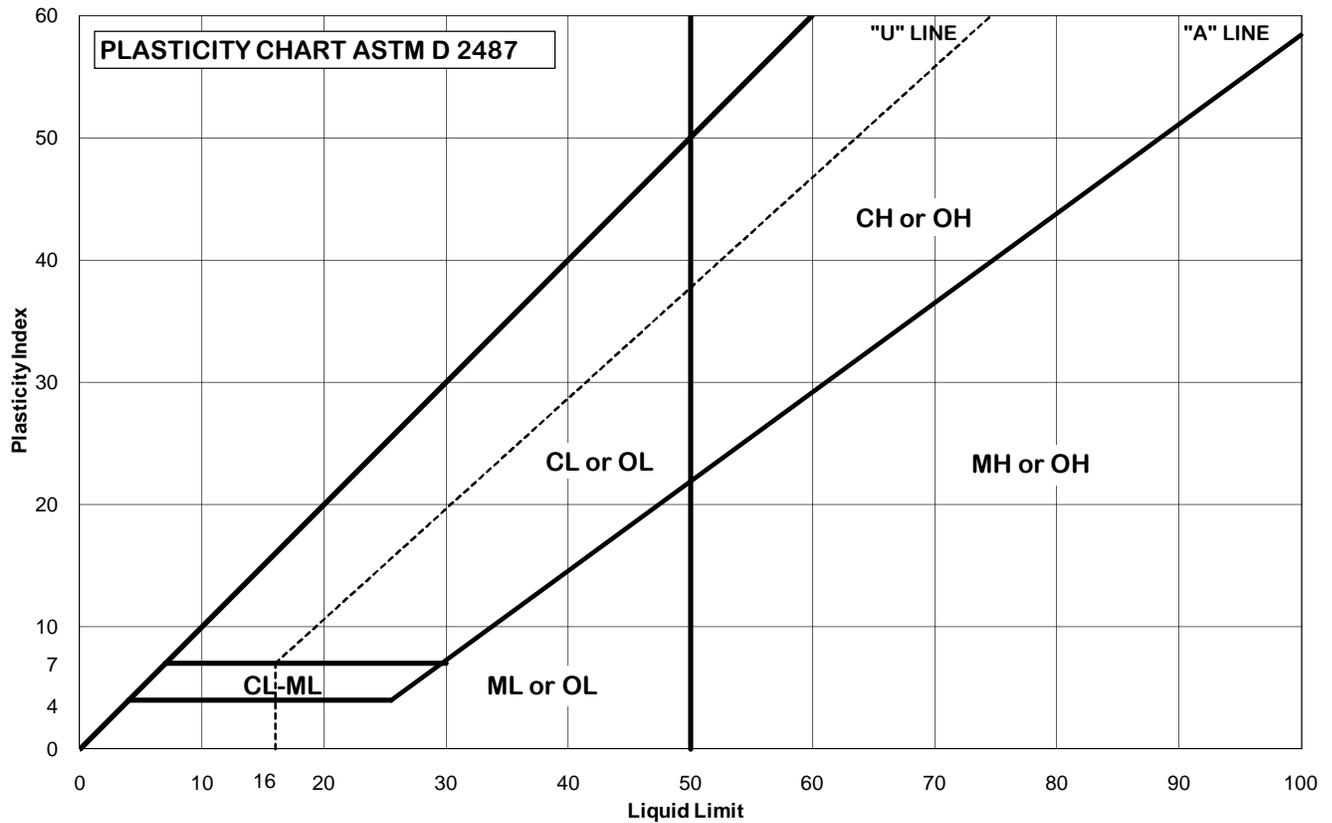
Liquid Limit =	140
Plastic Limit =	30
Plasticity Index =	110

Date:	6/14/2011
Tested By:	MJK.TJS
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	3	Natural WC:	#DIV/0!
Depth, ft.	14-16	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

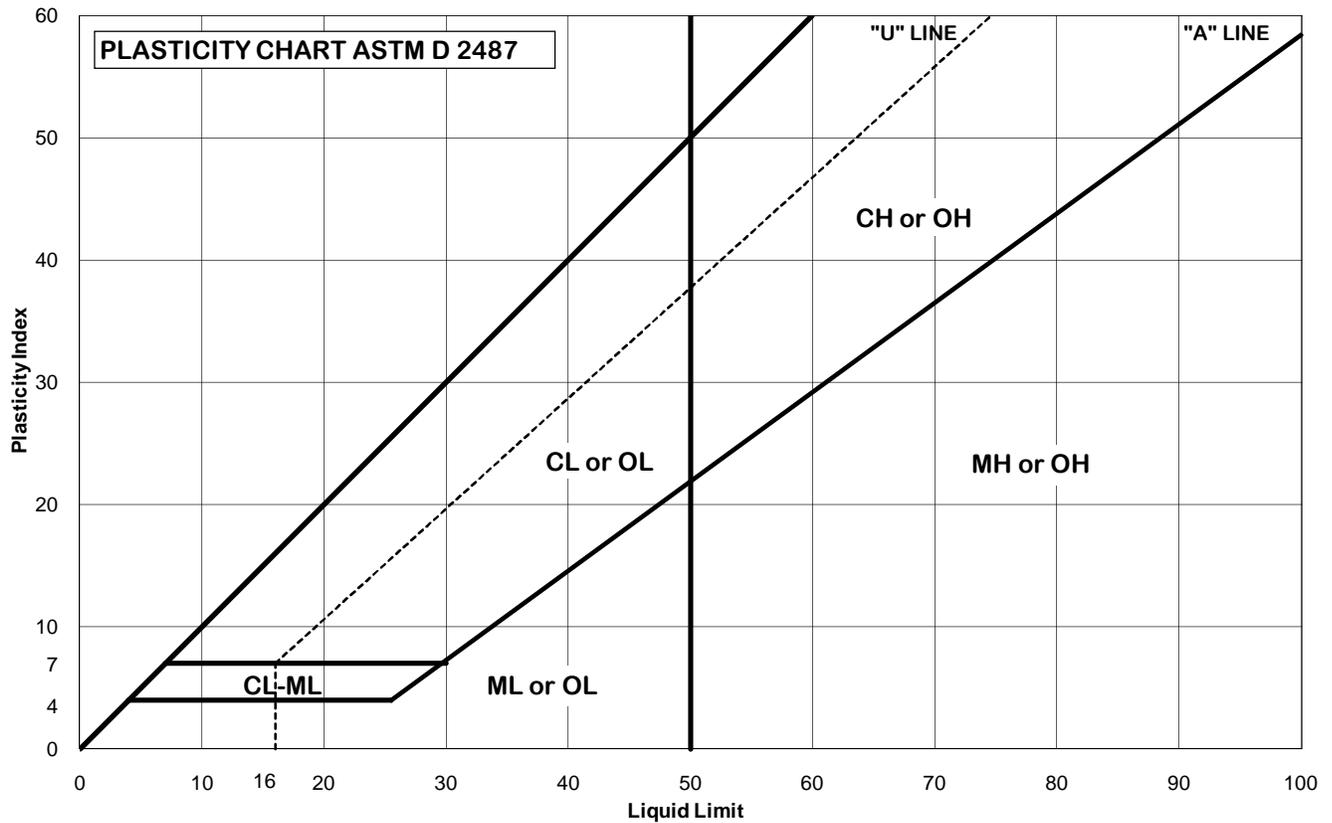
Liquid Limit =	120
Plastic Limit =	31
Plasticity Index =	88

Date:	6/14/2011
Tested By:	BH
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	3	Natural WC:	#DIV/0!
Depth, ft.	18-20	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

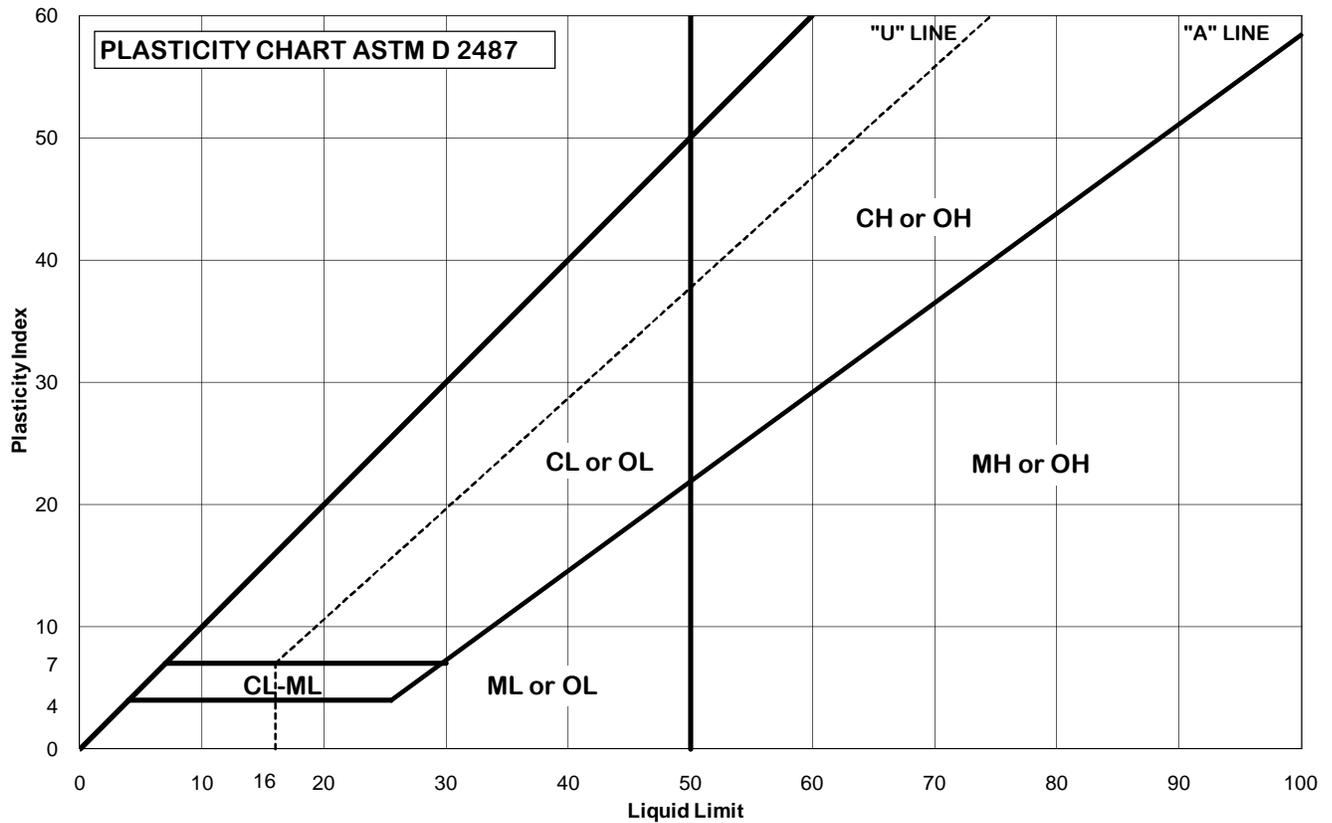
Liquid Limit =	131
Plastic Limit =	32
Plasticity Index =	100

Date:	6/13/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	3	Natural WC:	#DIV/0!
Depth, ft.	20-22	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay with organic matter (OH)		

Classification (fraction passing No. 40 sieve)

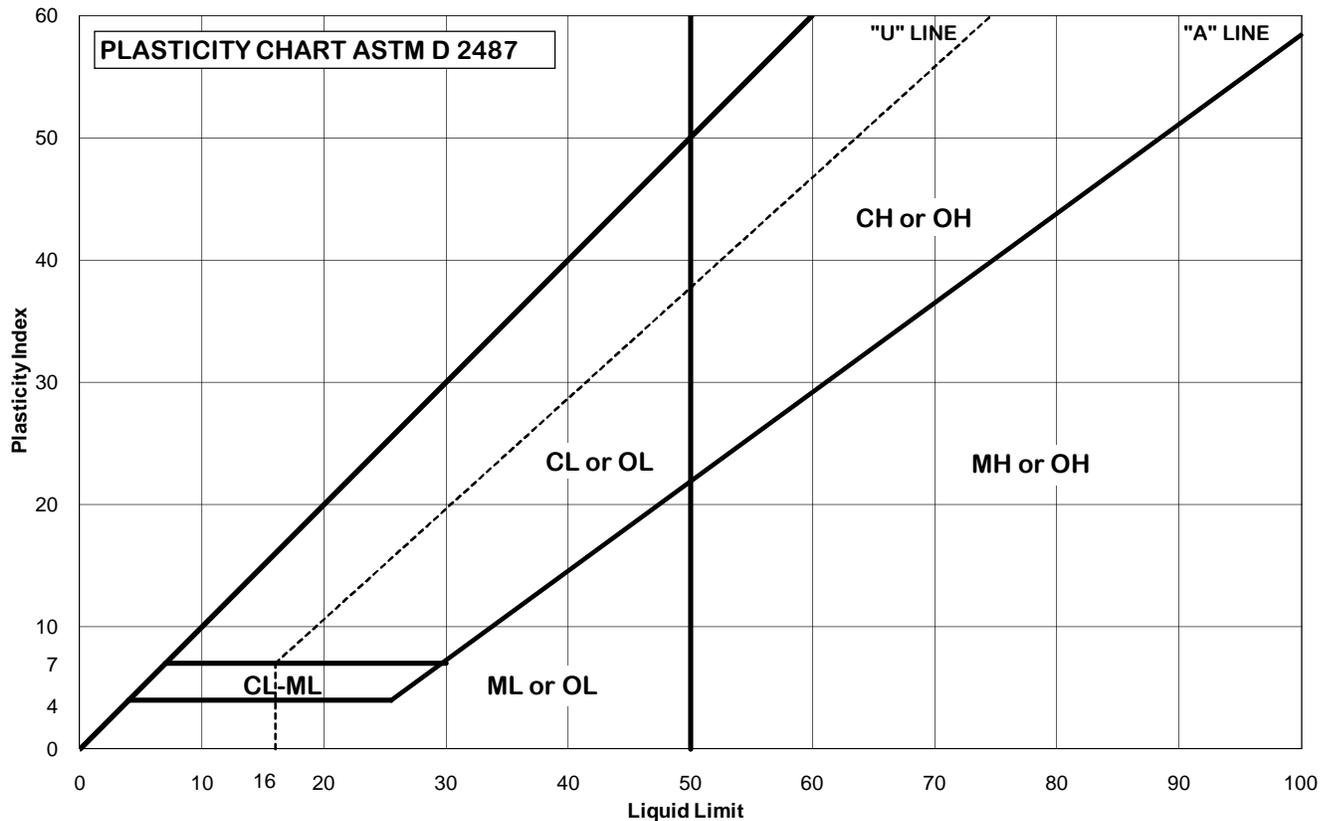
Liquid Limit =	121
Plastic Limit =	32
Plasticity Index =	89

Date:	6/14/2011
Tested By:	MJK/TS
Checked By:	DAS

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	3	Natural WC:	#DIV/0!
Depth, ft.	27-29	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter (CH)		

Classification (fraction passing No. 40 sieve)

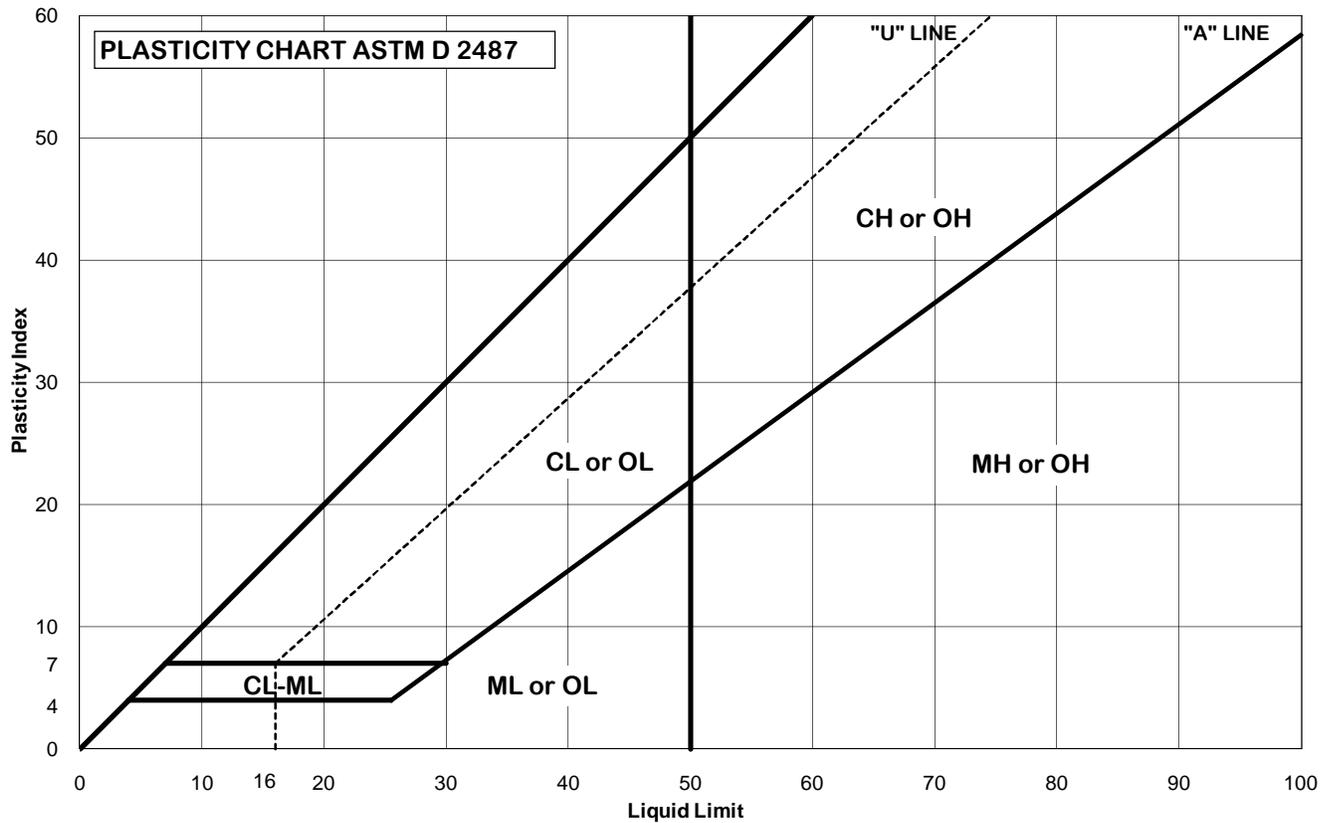
Liquid Limit =	100
Plastic Limit =	26
Plasticity Index =	73

Date:	6/14/2011
Tested By:	BH/MJK
Checked By:	DAS

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	3	Natural WC:	#DIV/0!
Depth, ft.	32-34	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

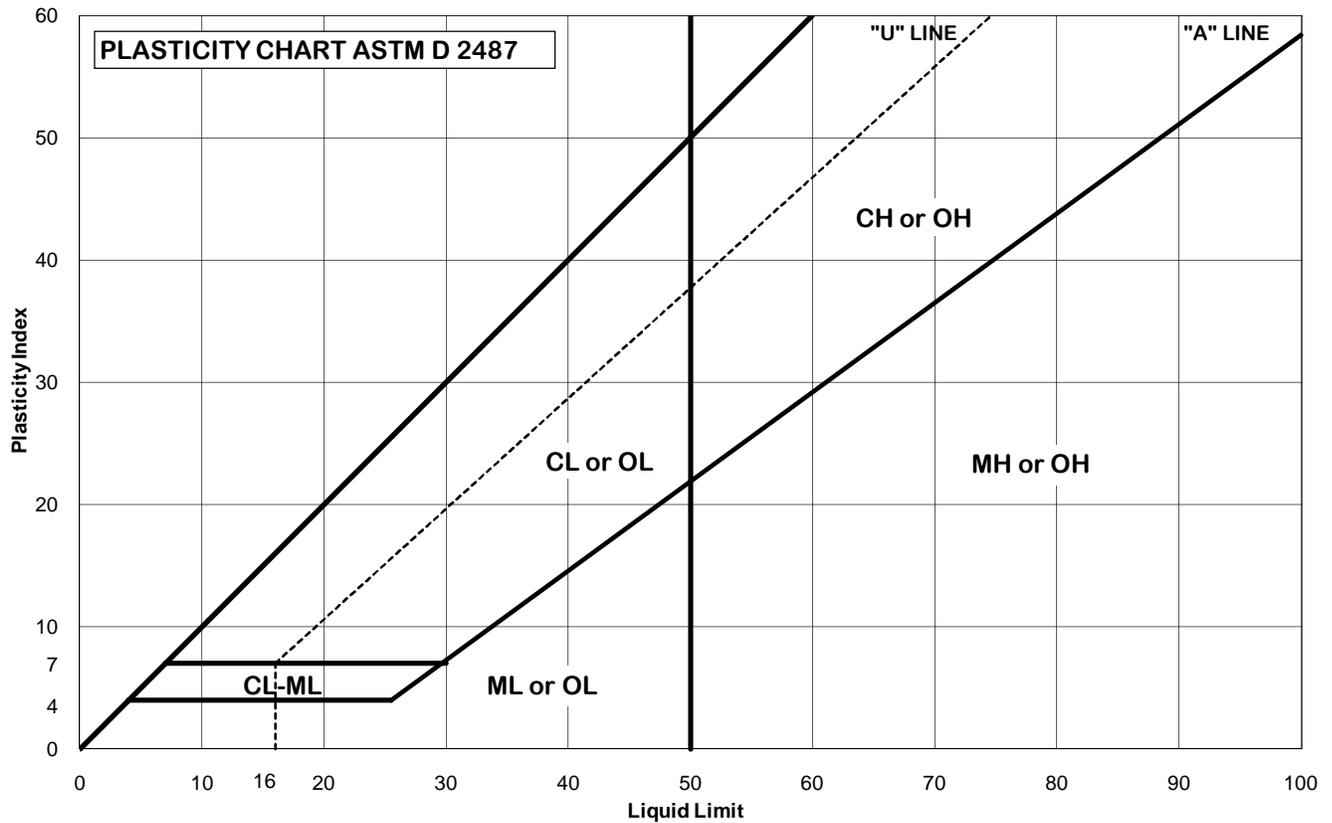
Liquid Limit =	108
Plastic Limit =	22
Plasticity Index =	86

Date:	6/10/2011
Tested By:	OS
Checked By:	DAS

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	3	Natural WC:	#DIV/0!
Depth, ft.	42-44	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter (CH)		

Classification (fraction passing No. 40 sieve)

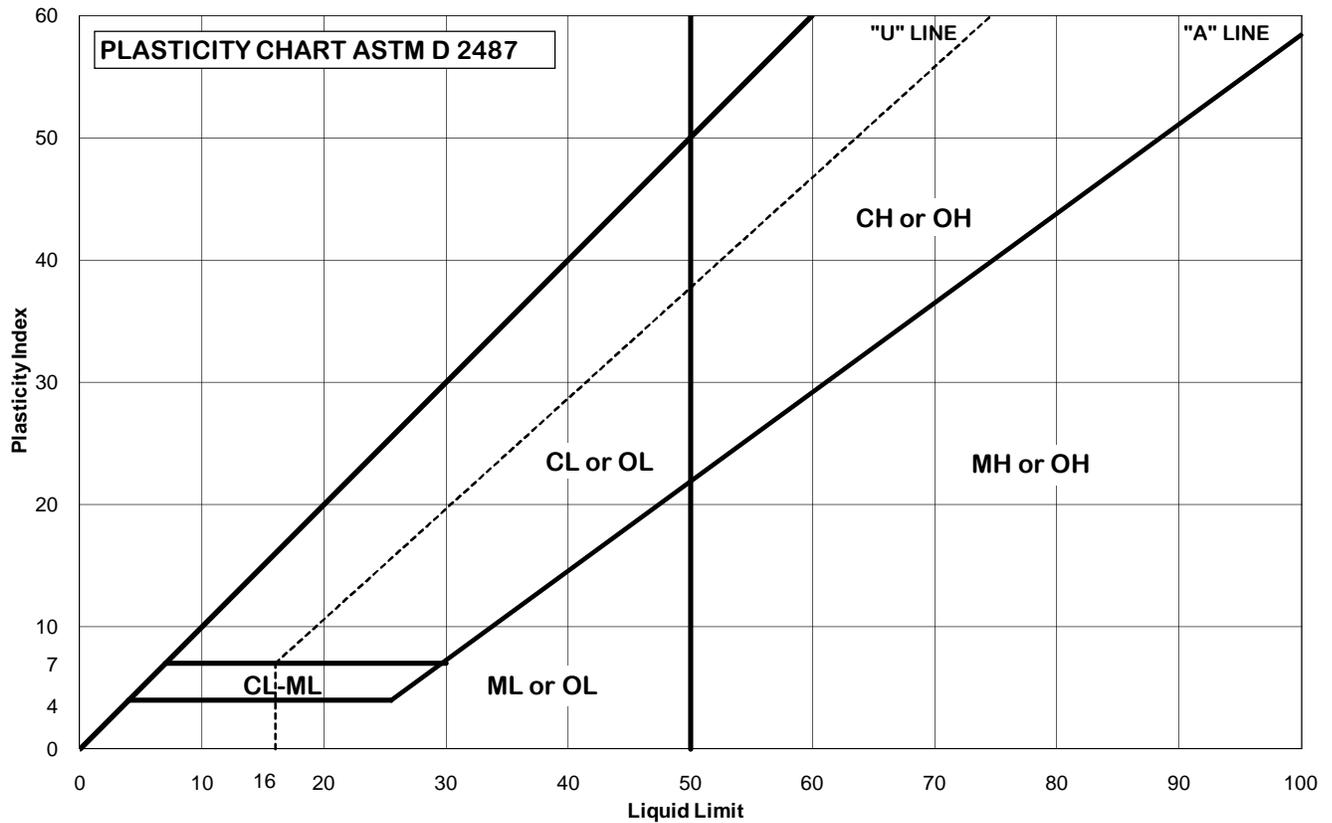
Liquid Limit =	106
Plastic Limit =	33
Plasticity Index =	73

Date:	6/14/2011
Tested By:	BH
Checked By:	DAS

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	3	Natural WC:	#DIV/0!
Depth, ft.	52-54	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter (CH)		

Classification (fraction passing No. 40 sieve)

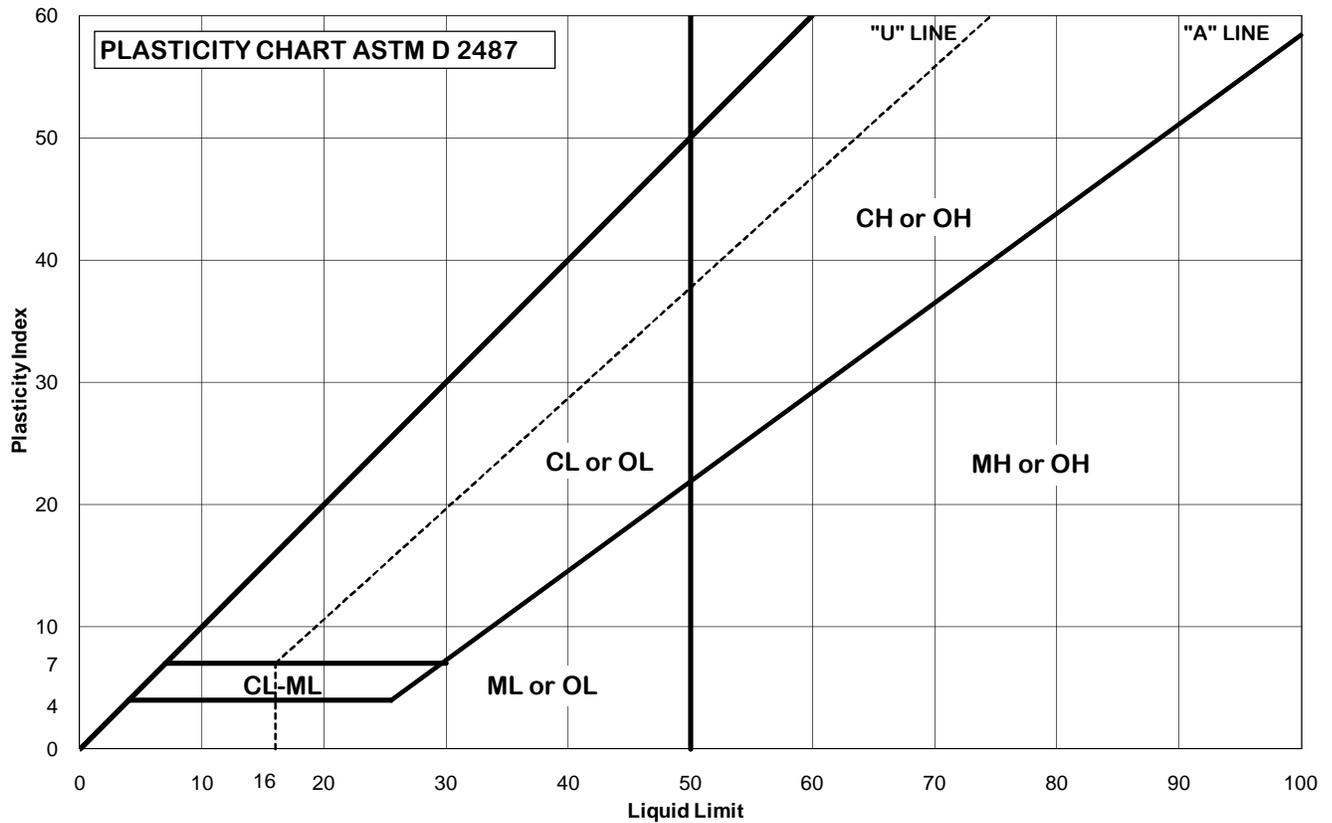
Liquid Limit =	117
Plastic Limit =	34
Plasticity Index =	83

Date:	6/14/2011
Tested By:	BH/MJK
Checked By:	DAS

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	4	Natural WC:	#DIV/0!
Depth, ft.	4-6	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray organic clay with organic matter (OH)		

Classification (fraction passing No. 40 sieve)

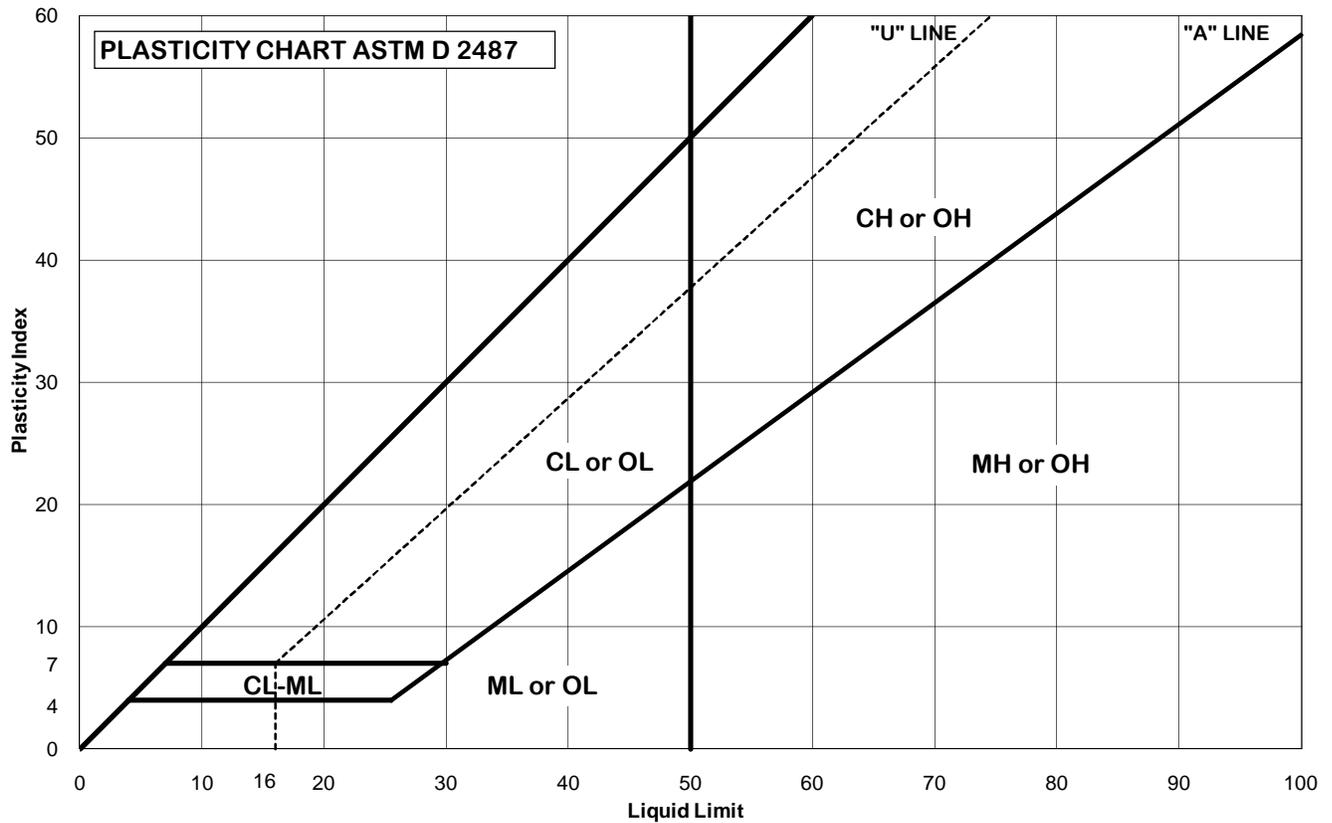
Liquid Limit =	136
Plastic Limit =	35
Plasticity Index =	101

Date:	6/10/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	4	Natural WC:	#DIV/0!
Depth, ft.	6-8	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

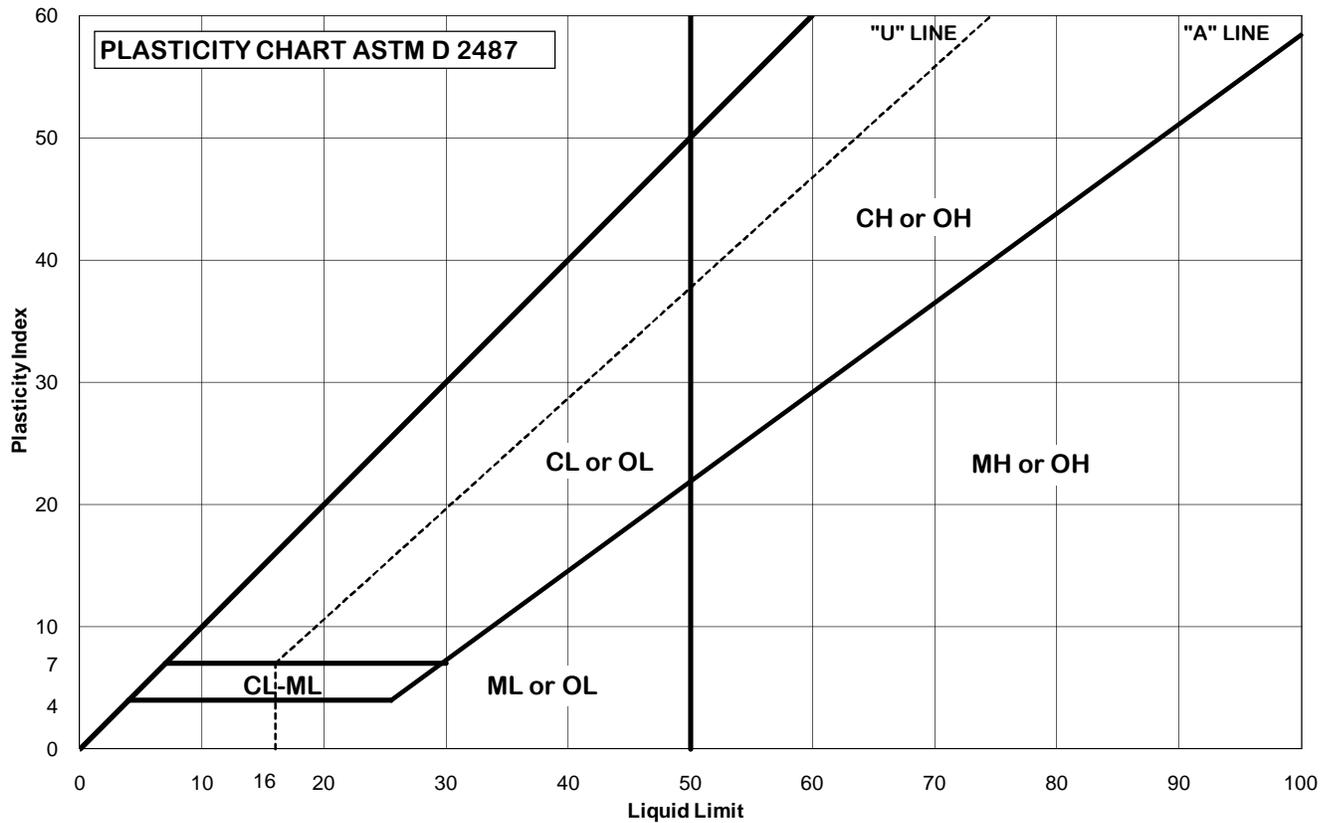
Liquid Limit =	157
Plastic Limit =	32
Plasticity Index =	125

Date:	6/13/2011
Tested By:	BH
Checked By:	DU

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	4	Natural WC:	#DIV/0!
Depth, ft.	14-16	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

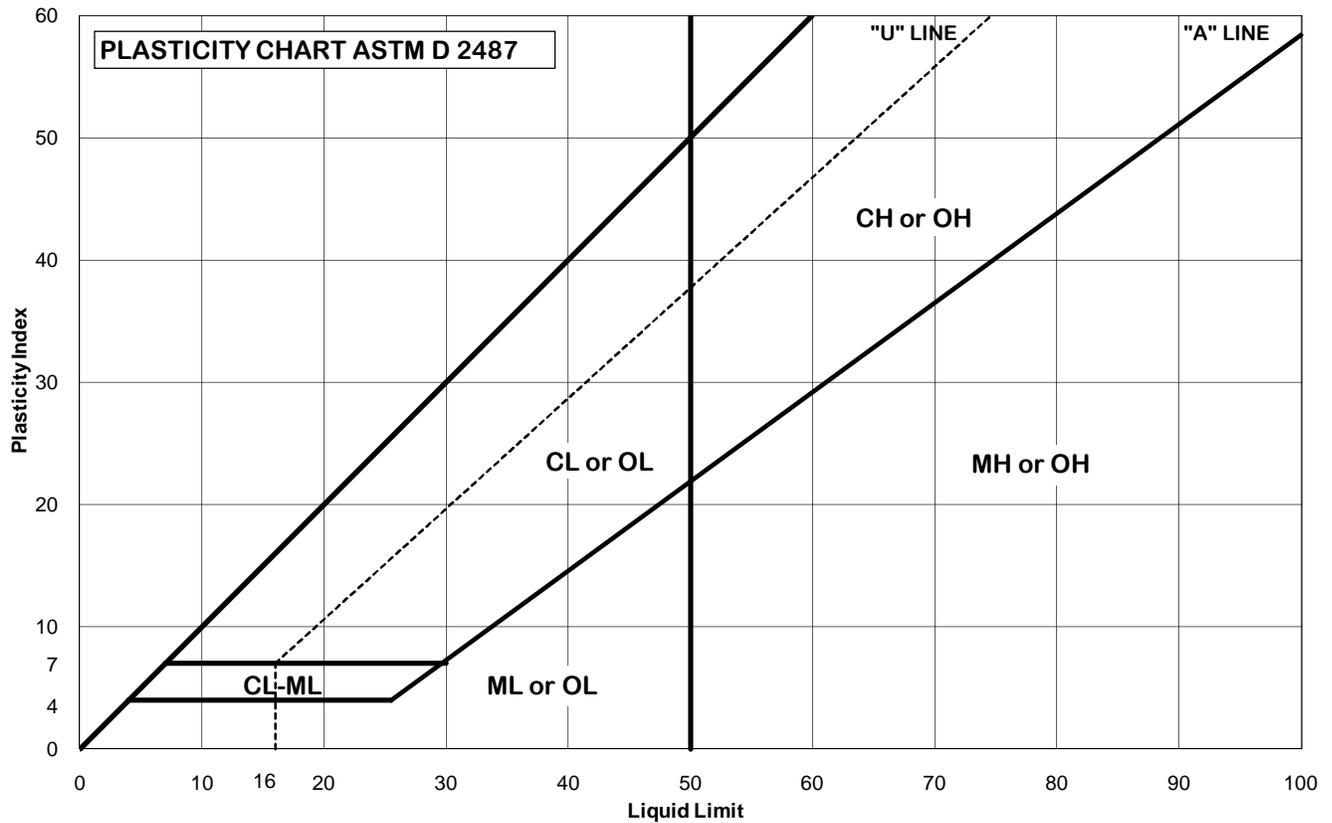
Liquid Limit =	128
Plastic Limit =	26
Plasticity Index =	102

Date:	6/14/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	4	Natural WC:	#DIV/0!
Depth, ft.	18-20	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

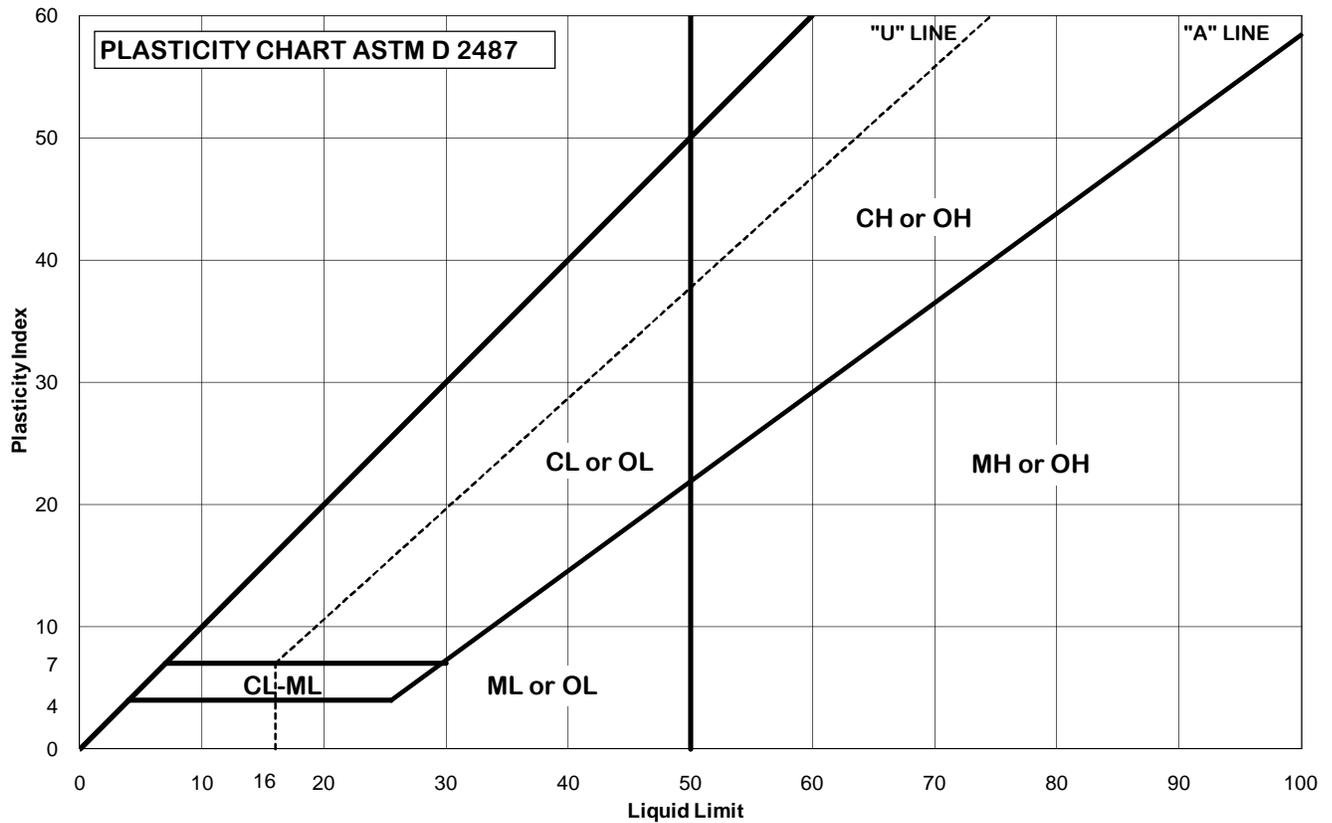
Liquid Limit =	128
Plastic Limit =	28
Plasticity Index =	101

Date:	6/14/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	4	Natural WC:	#DIV/0!
Depth, ft.	22-24	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

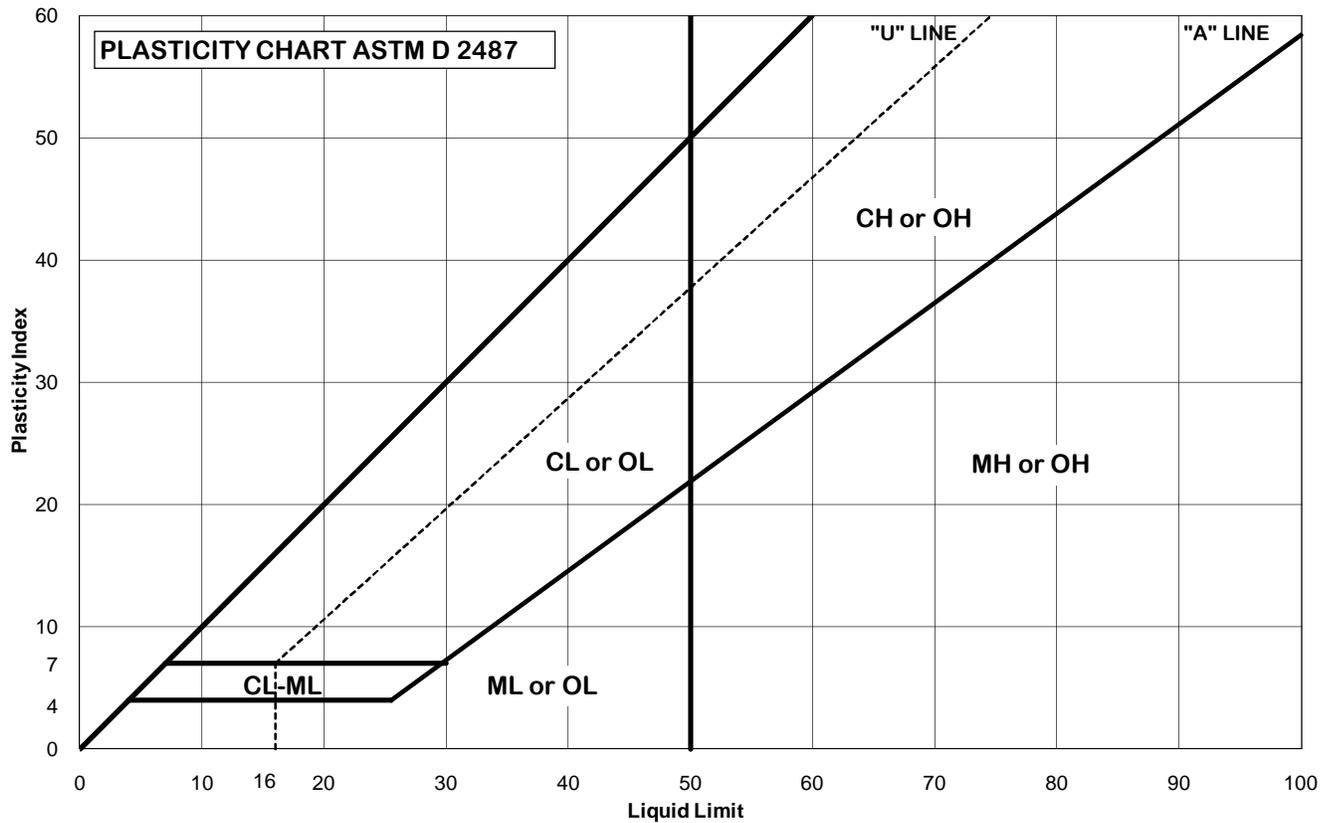
Liquid Limit =	123
Plastic Limit =	36
Plasticity Index =	87

Date:	6/13/2011
Tested By:	BH/MJK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	4	Natural WC:	#DIV/0!
Depth, ft.	27-29	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

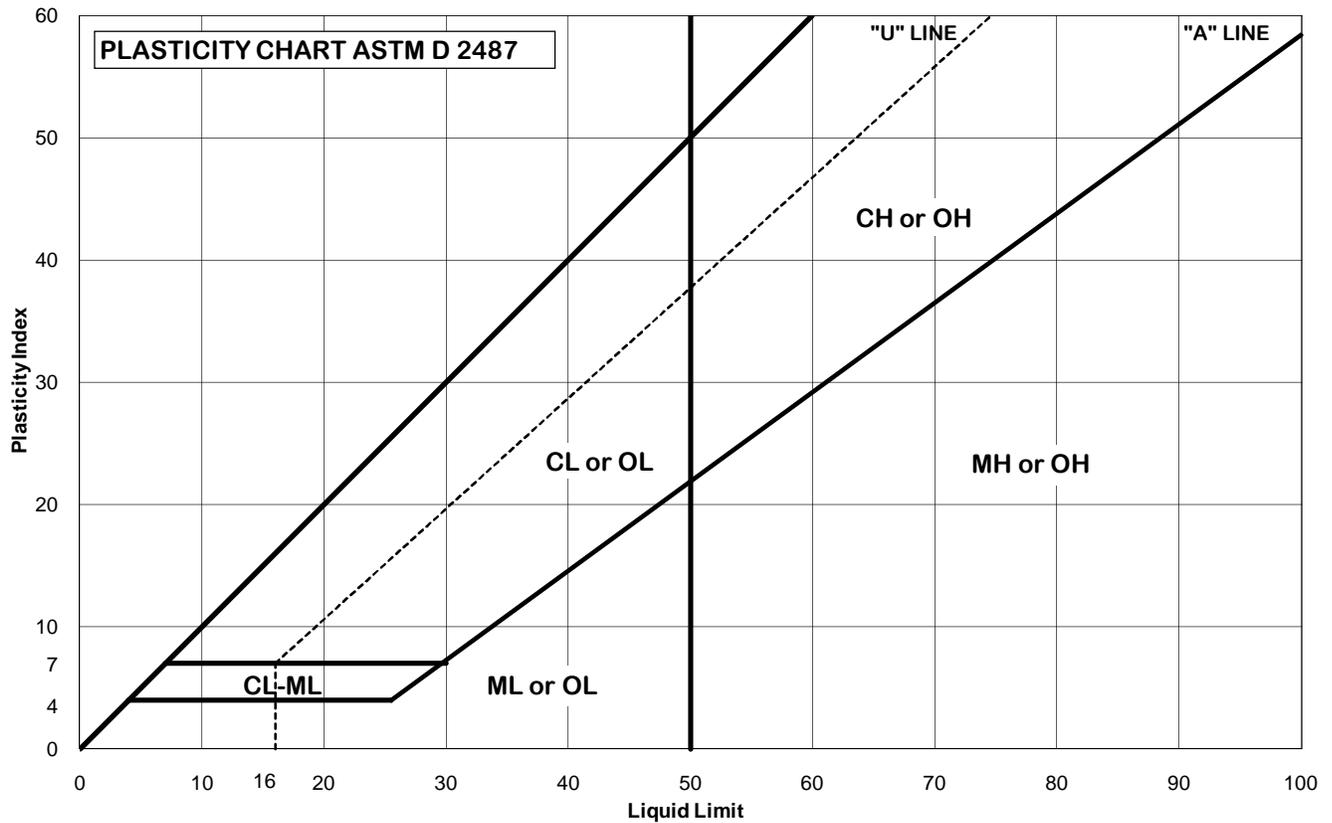
Liquid Limit =	101
Plastic Limit =	32
Plasticity Index =	69

Date:	6/13/2011
Tested By:	MJK/TJS
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	4	Natural WC:	#DIV/0!
Depth, ft.	37-39	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

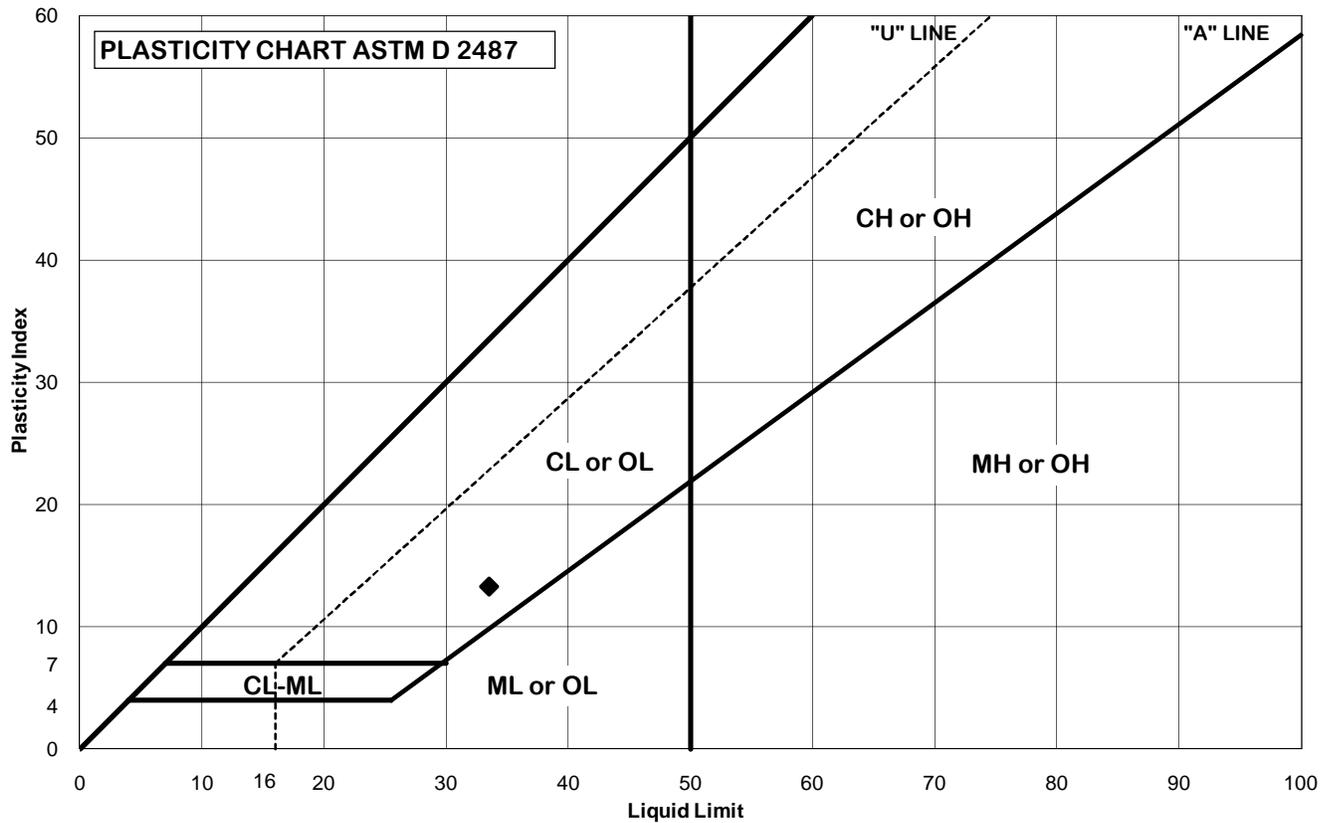
Liquid Limit =	92
Plastic Limit =	25
Plasticity Index =	67

Date:	6/13/2011
Tested By:	BH/MJK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	4	Natural WC:	#DIV/0!
Depth, ft.	47-49	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray very silty clay (CL)		

Classification (fraction passing No. 40 sieve)

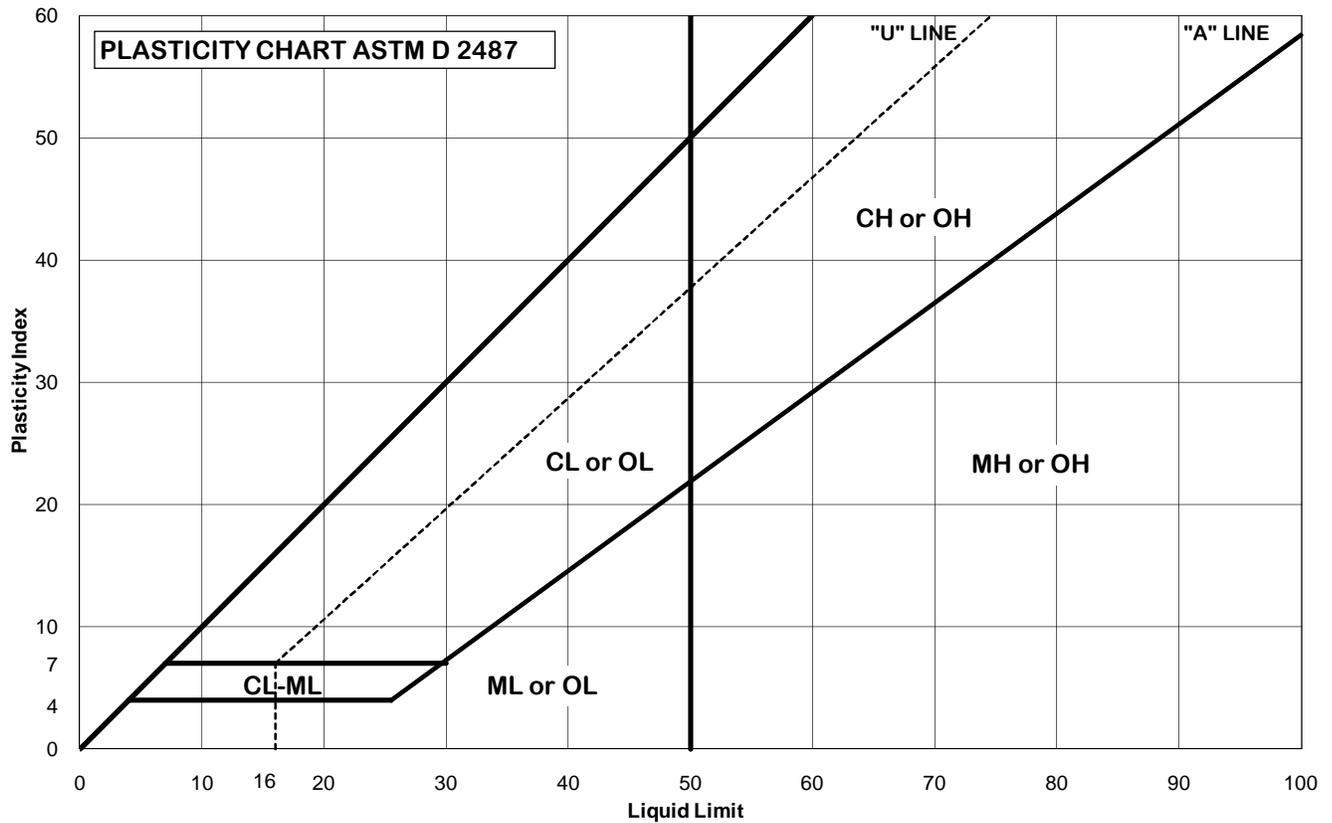
Liquid Limit =	34
Plastic Limit =	20
Plasticity Index =	13

Date:	6/13/2011
Tested By:	MJK/TJS
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	5	Natural WC:	#DIV/0!
Depth, ft.	6-8	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

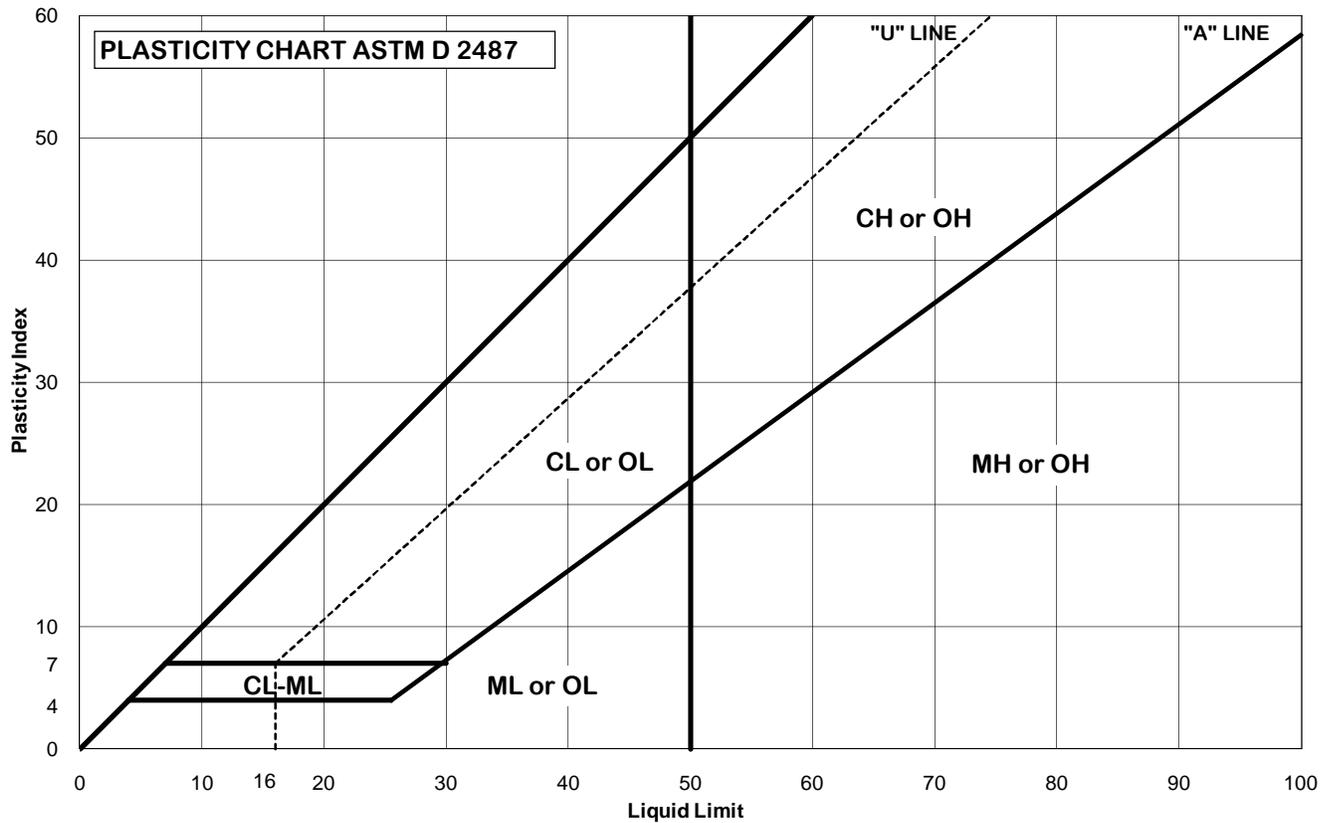
Liquid Limit =	146
Plastic Limit =	40
Plasticity Index =	107

Date:	6/13/2011
Tested By:	BH/MJK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	5	Natural WC:	#DIV/0!
Depth, ft.	10-12	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay with organic matter and two 1-inch peat layers (OH)		

Classification (fraction passing No. 40 sieve)

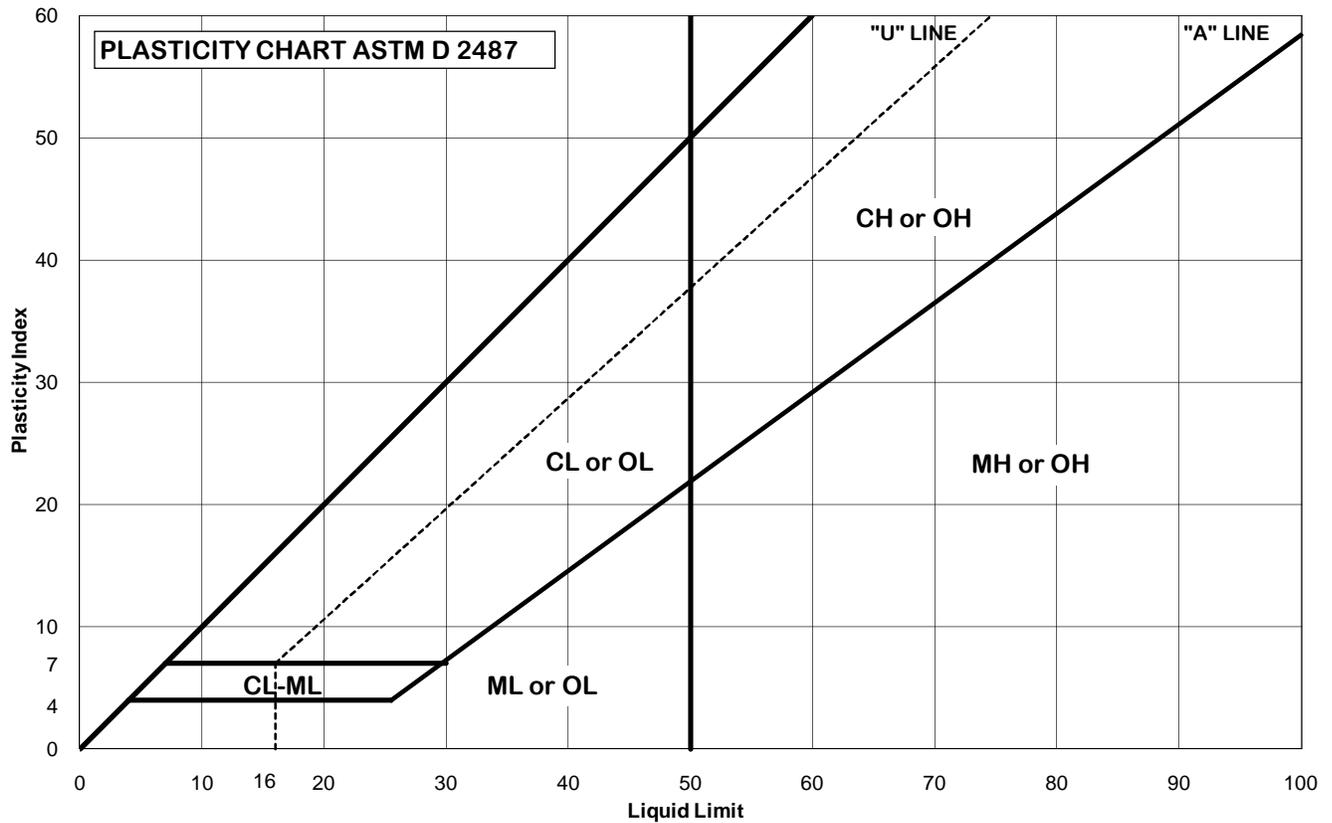
Liquid Limit =	173
Plastic Limit =	48
Plasticity Index =	125

Date:	6/14/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	5	Natural WC:	#DIV/0!
Depth, ft.	14-16	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

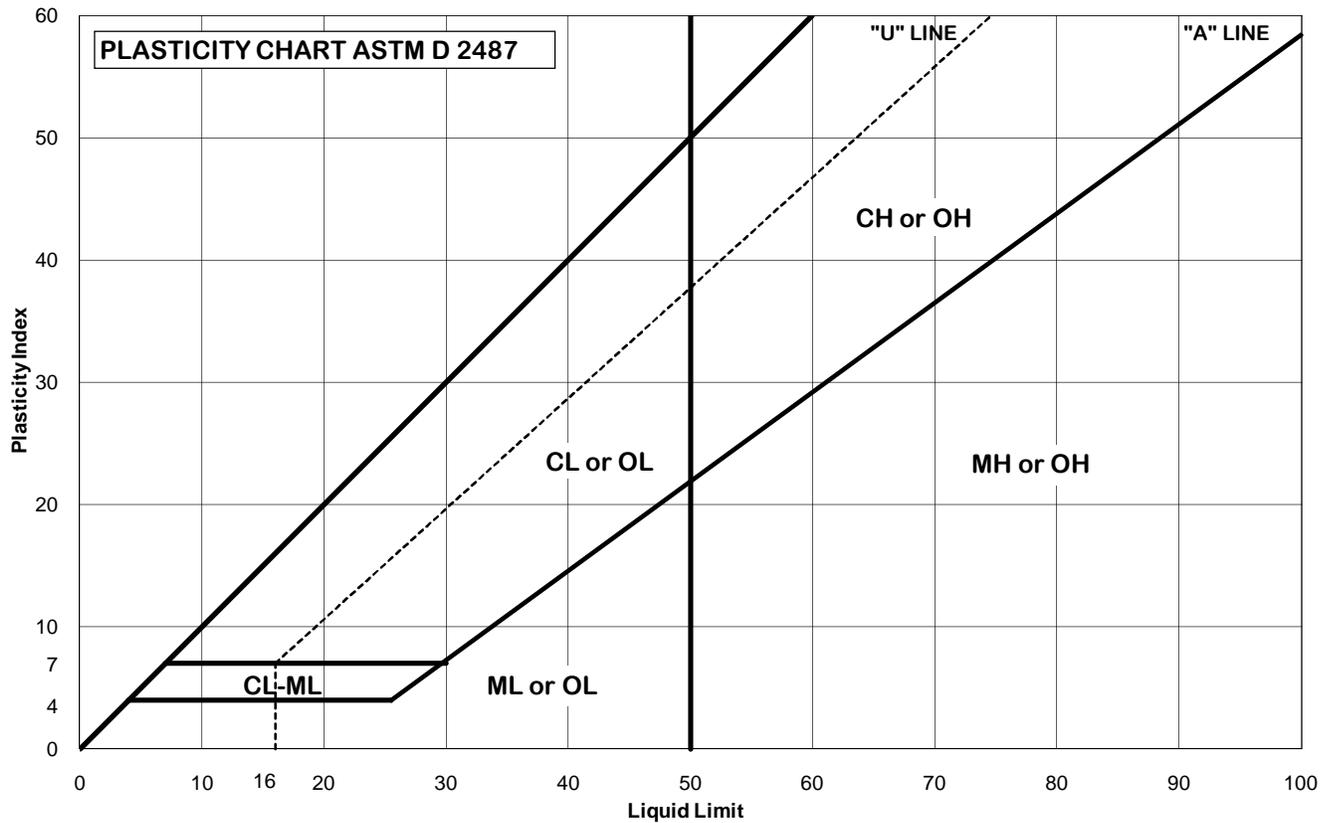
Liquid Limit =	143
Plastic Limit =	38
Plasticity Index =	105

Date:	6/10/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	5	Natural WC:	#DIV/0!
Depth, ft.	18-20	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

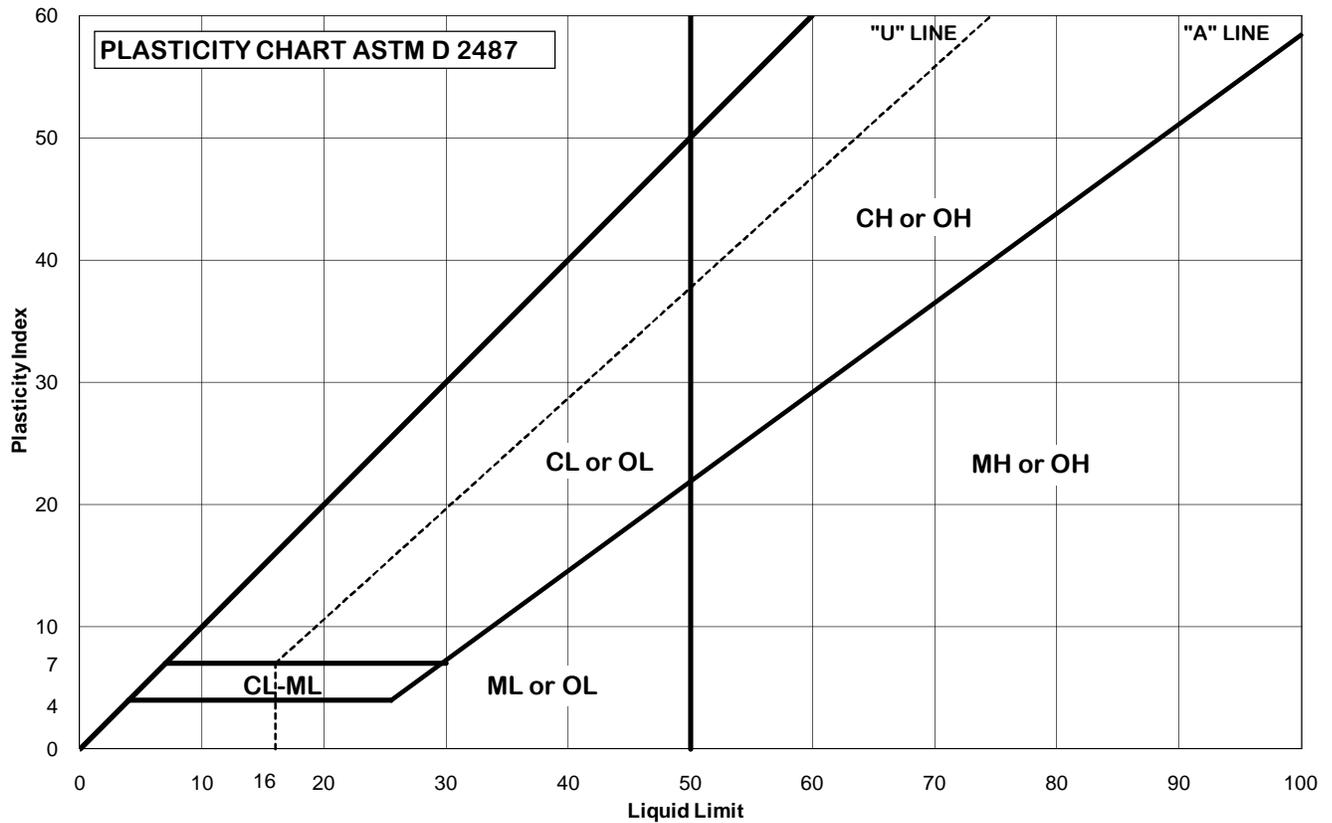
Liquid Limit =	114
Plastic Limit =	29
Plasticity Index =	85

Date:	6/14/2011
Tested By:	BH/MJK
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	5	Natural WC:	#DIV/0!
Depth, ft.	21-23	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

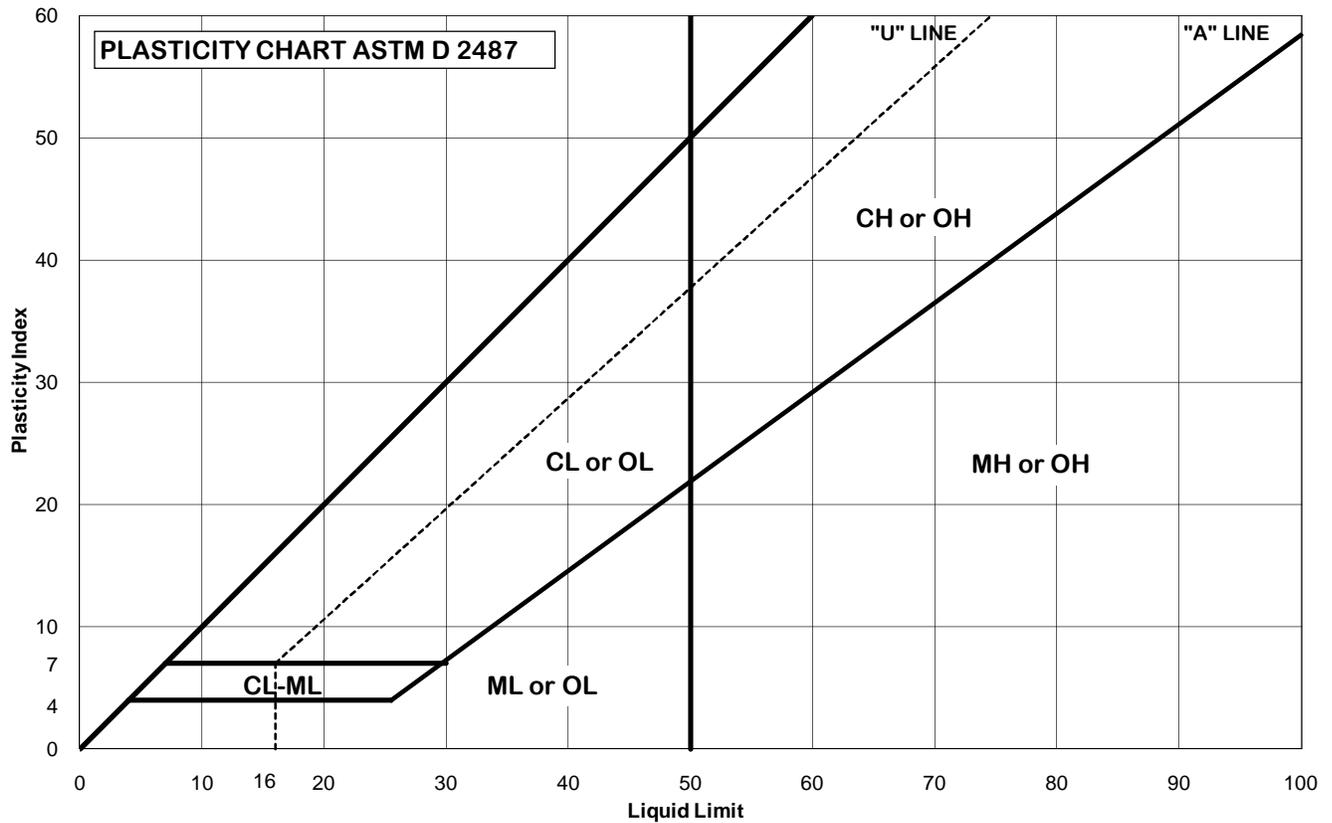
Liquid Limit =	121
Plastic Limit =	35
Plasticity Index =	86

Date:	6/13/2011
Tested By:	MJK/TJS
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	5	Natural WC:	#DIV/0!
Depth, ft.	23-25	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

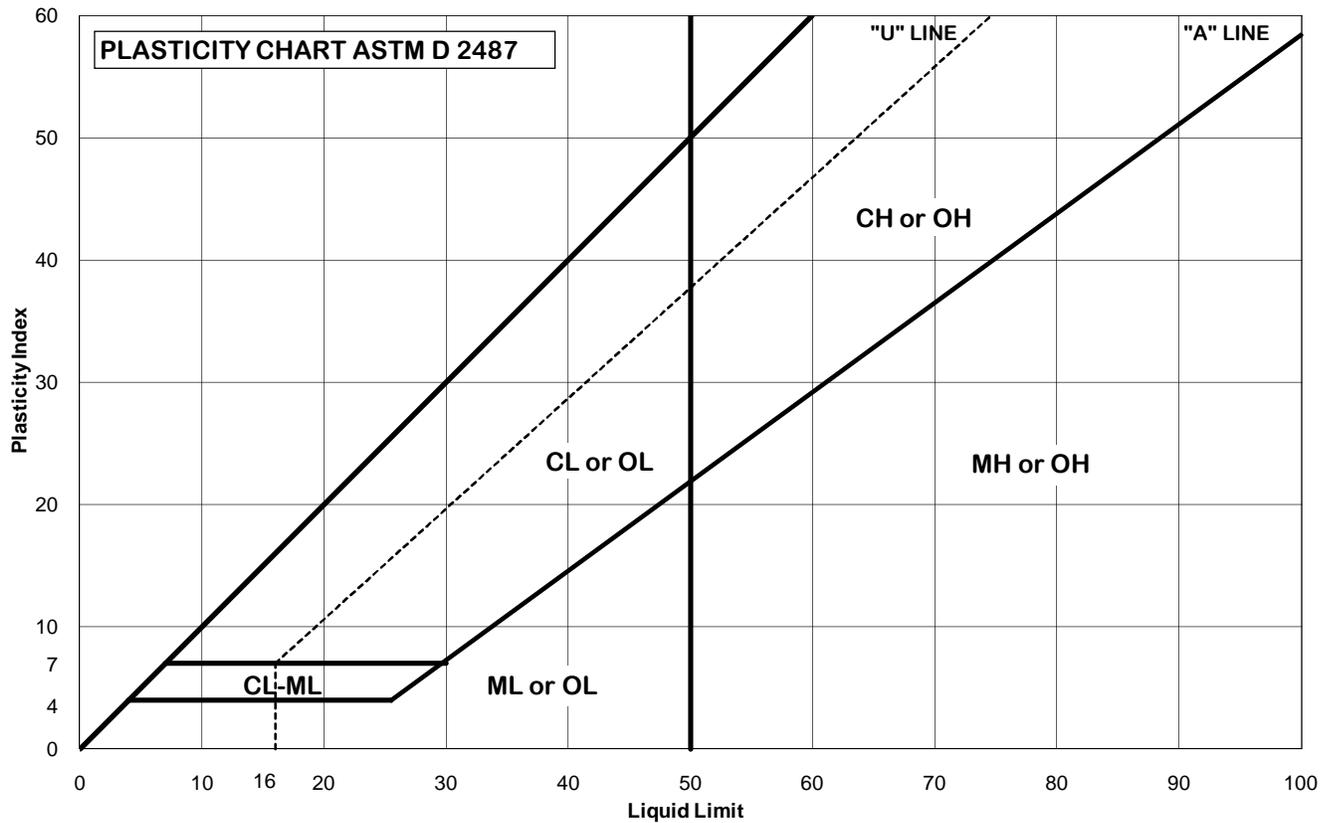
Liquid Limit =	130
Plastic Limit =	27
Plasticity Index =	103

Date:	6/14/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	5	Natural WC:	#DIV/0!
Depth, ft.	39-41	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter (CH)		

Classification (fraction passing No. 40 sieve)

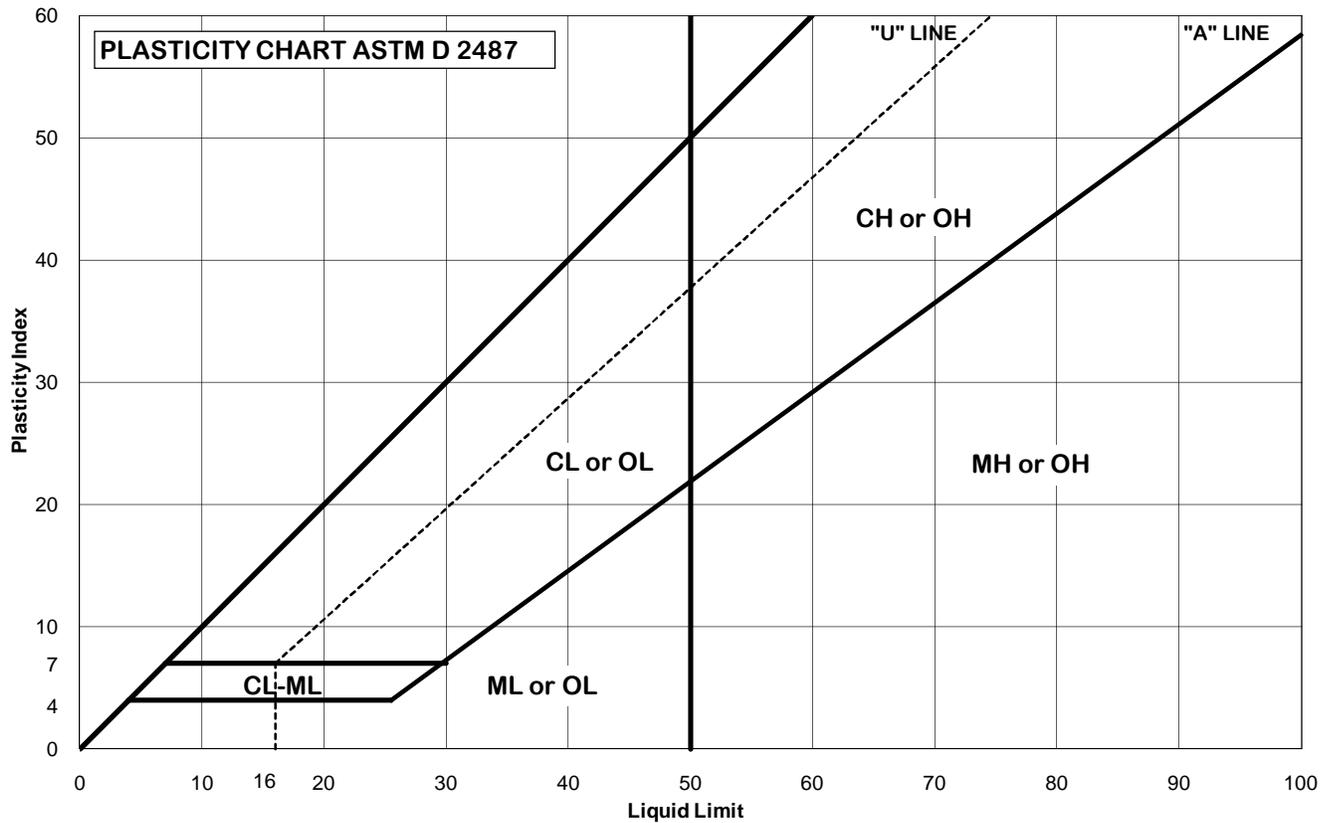
Liquid Limit =	88
Plastic Limit =	22
Plasticity Index =	66

Date:	6/14/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	5	Natural WC:	#DIV/0!
Depth, ft.	49-51	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

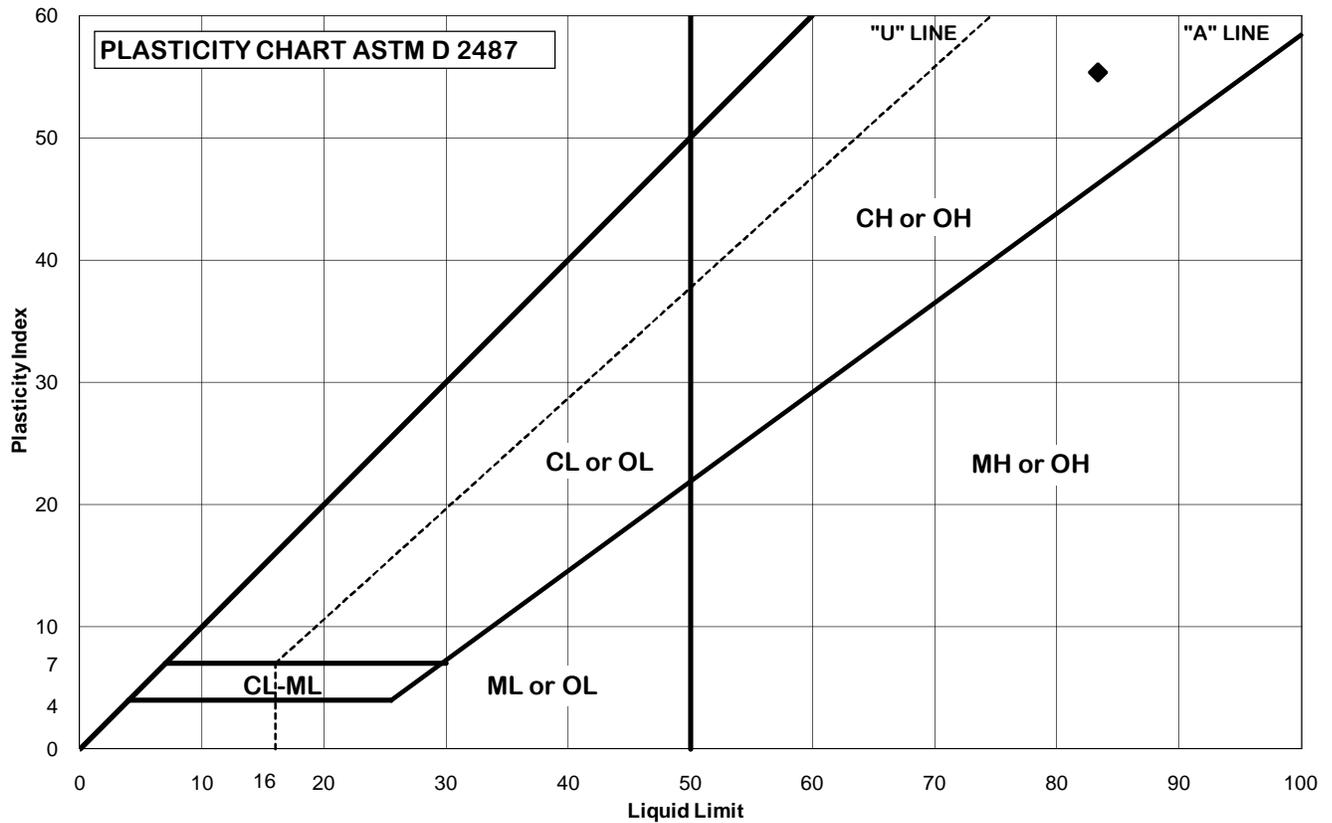
Liquid Limit =	87
Plastic Limit =	24
Plasticity Index =	63

Date:	6/13/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	6	Natural WC:	#DIV/0!
Depth, ft.	5-7	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray clay (CH)		

Classification (fraction passing No. 40 sieve)

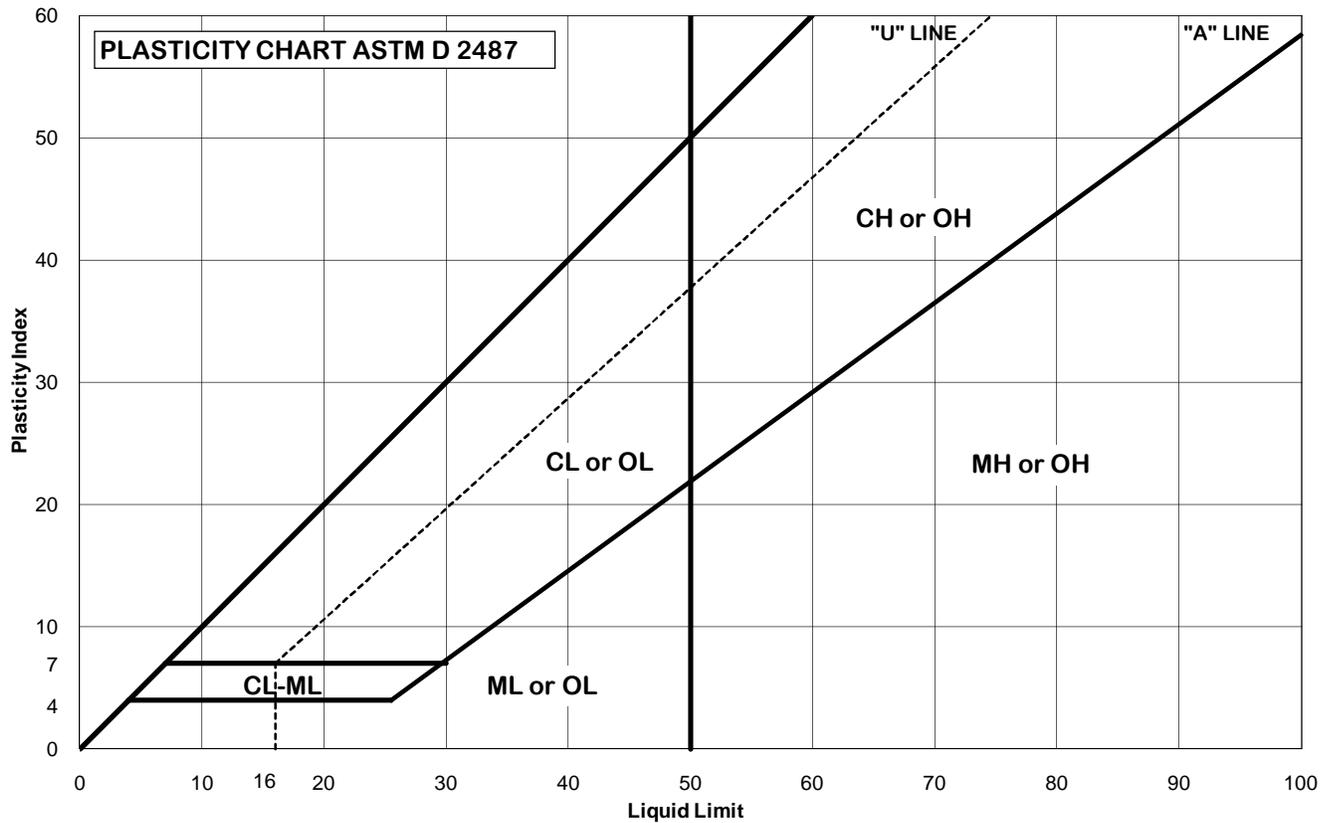
Liquid Limit =	83
Plastic Limit =	28
Plasticity Index =	55

Date:	6/8/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	6	Natural WC:	#DIV/0!
Depth, ft.	7-9	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	gray clay (CH)		

Classification (fraction passing No. 40 sieve)

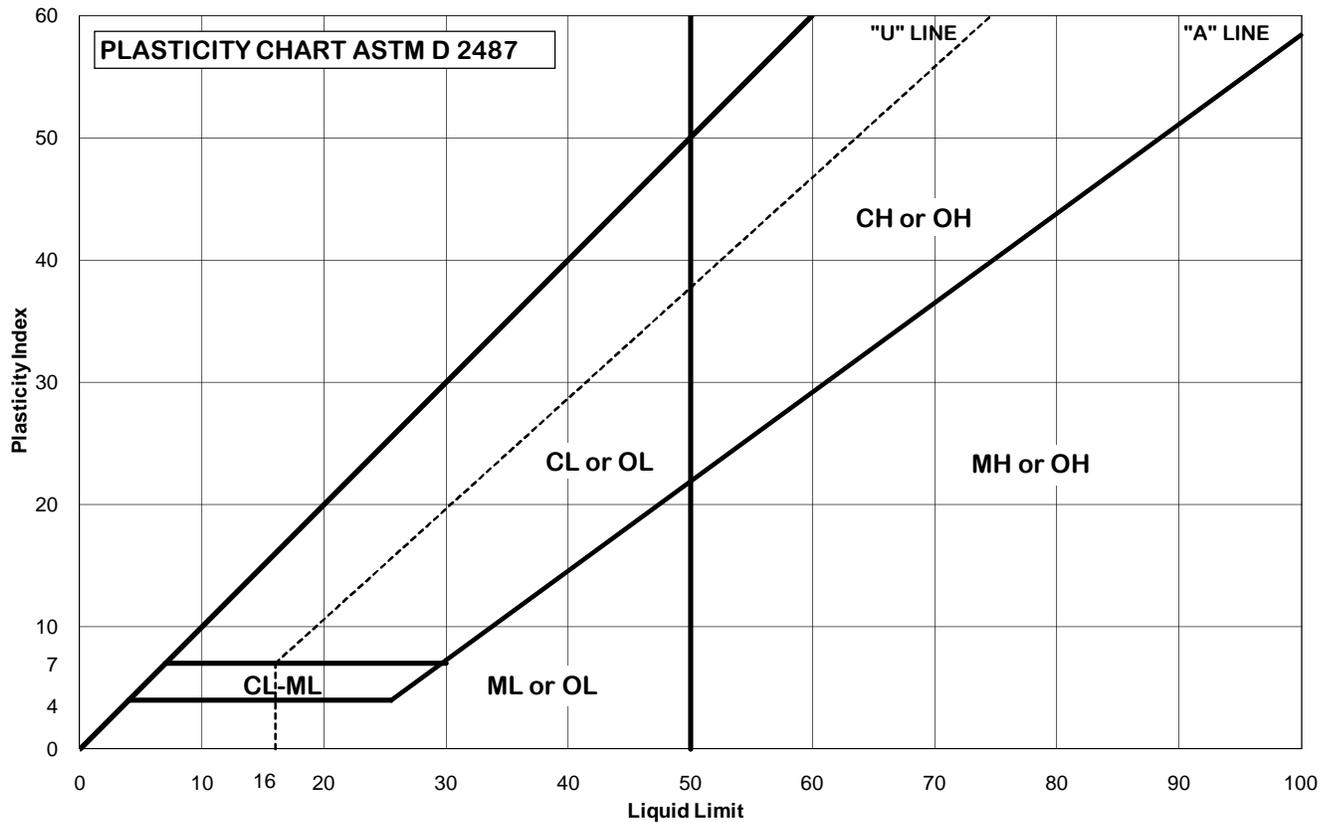
Liquid Limit =	87
Plastic Limit =	26
Plasticity Index =	61

Date:	6/2/2011
Tested By:	BH
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	6	Natural WC:	#DIV/0!
Depth, ft.	9-11	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

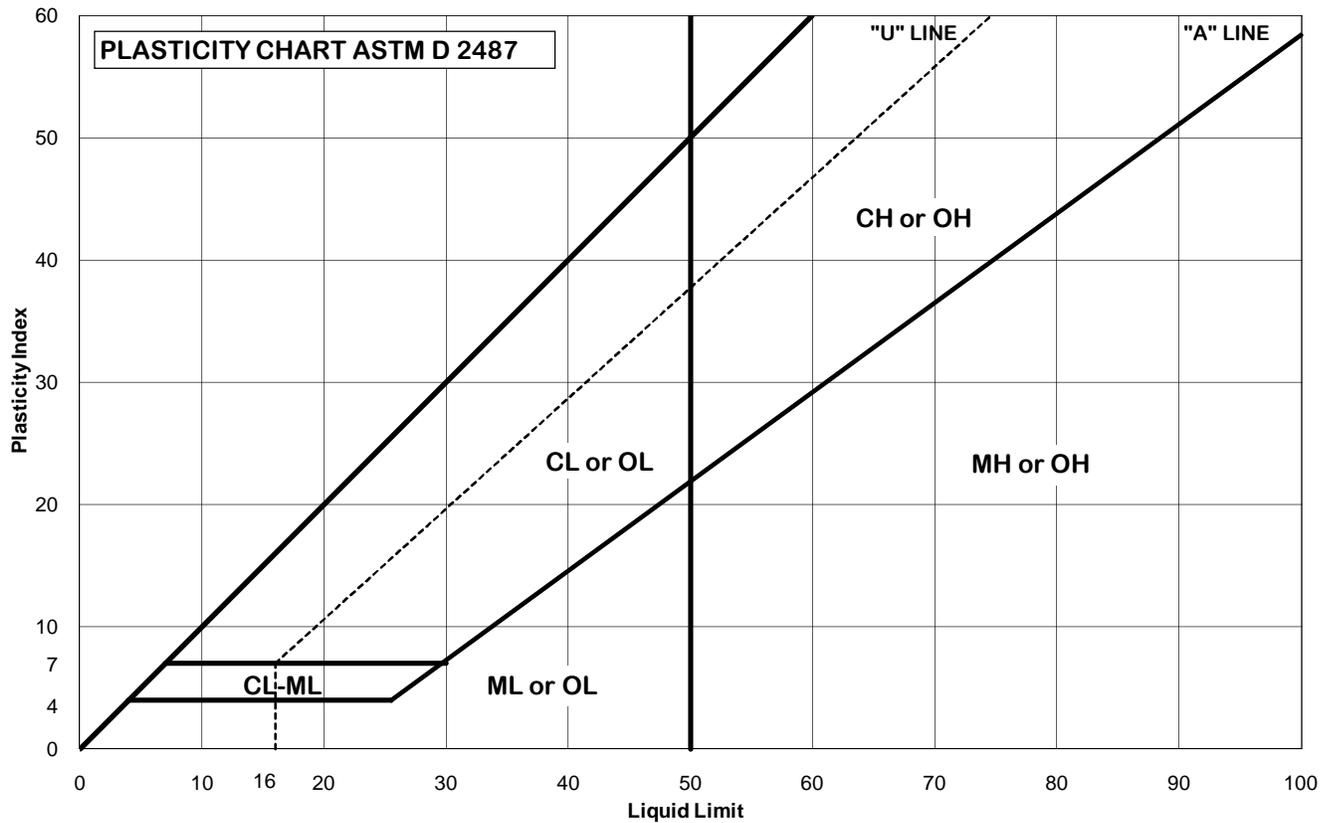
Liquid Limit =	113
Plastic Limit =	28
Plasticity Index =	85

Date:	6/8/2011
Tested By:	CB
Checked By:	DAS

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	7	Natural WC:	#DIV/0!
Depth, ft.	5-7	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

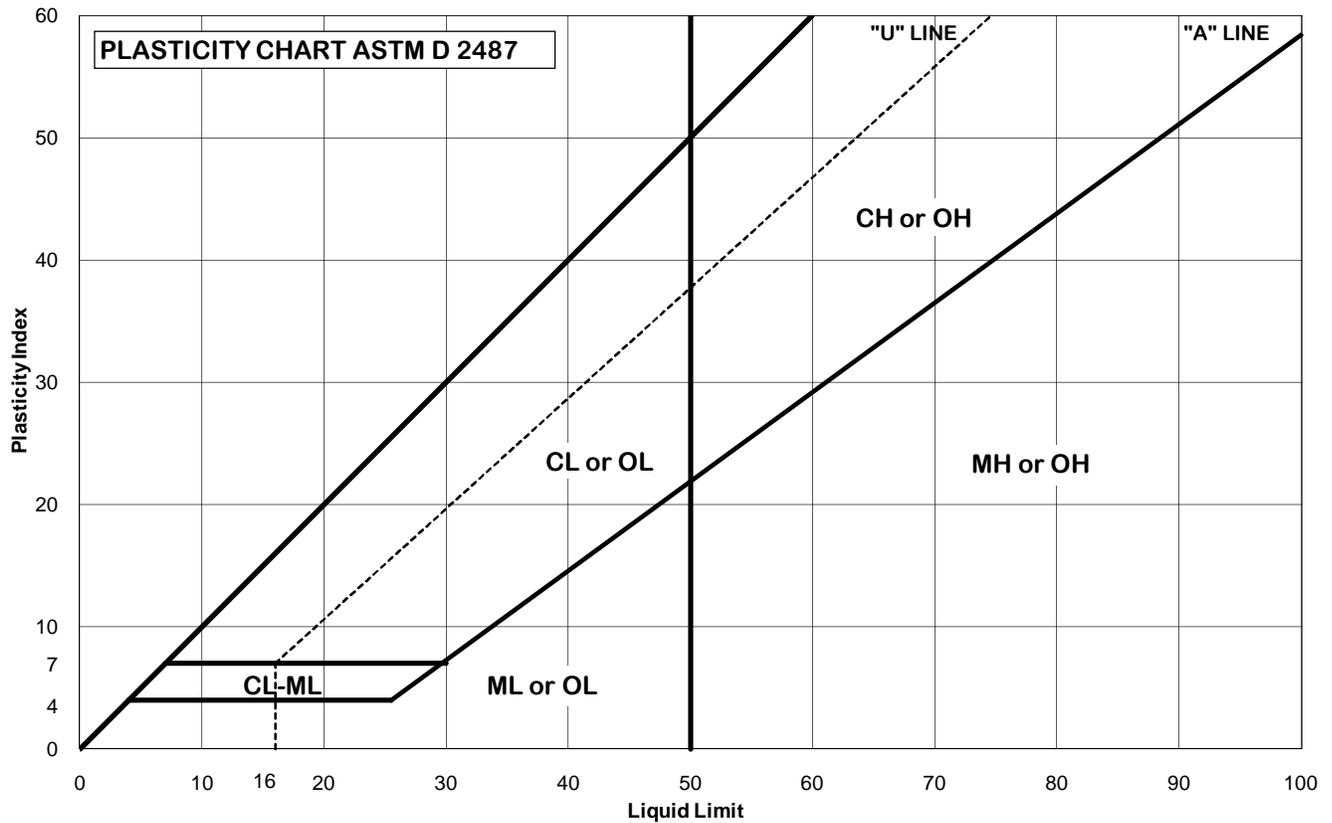
Liquid Limit =	146
Plastic Limit =	45
Plasticity Index =	101

Date:	6/3/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	7	Natural WC:	#DIV/0!
Depth, ft.	9-11	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

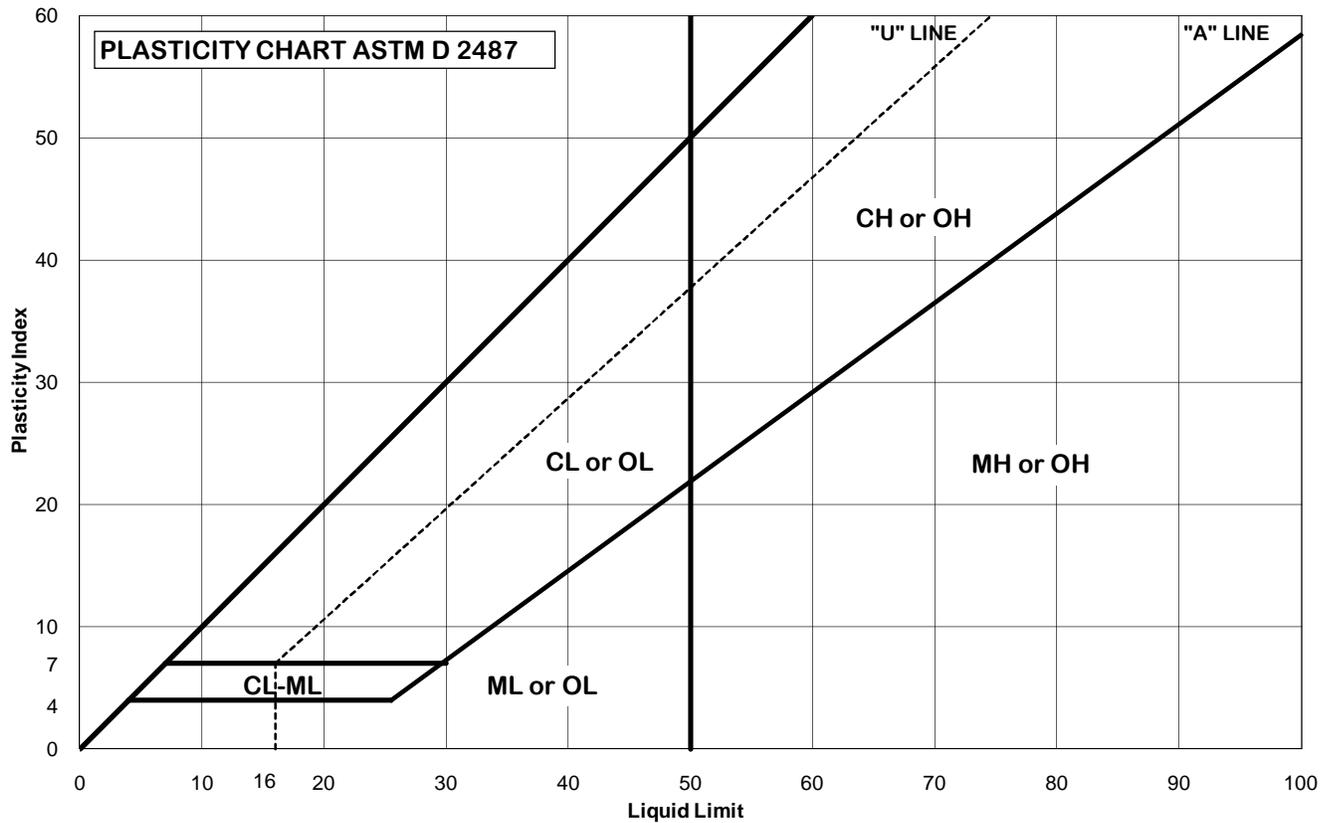
Liquid Limit =	94
Plastic Limit =	22
Plasticity Index =	73

Date:	6/6/2011
Tested By:	OS
Checked By:	DAS

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	7	Natural WC:	#DIV/0!
Depth, ft.	11-13	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

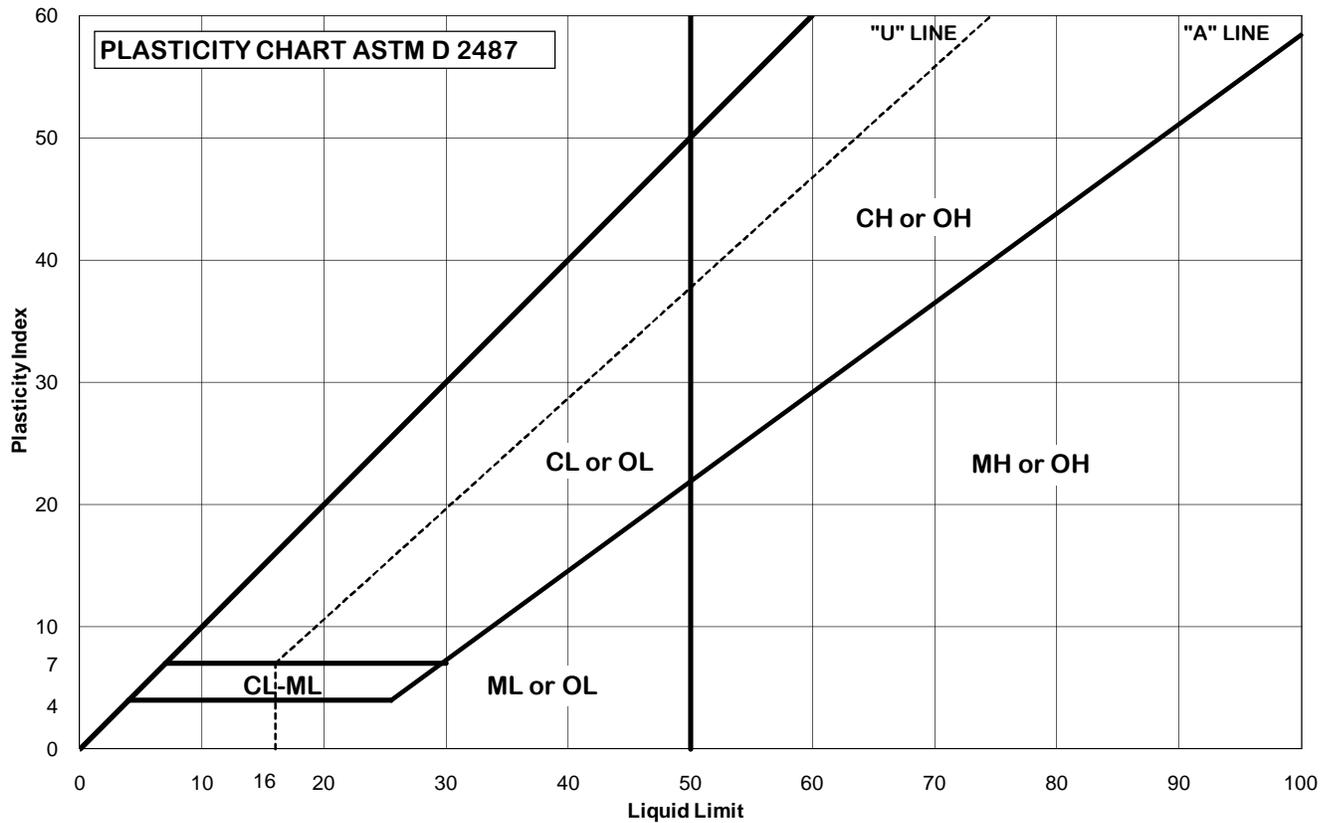
Liquid Limit =	89
Plastic Limit =	26
Plasticity Index =	63

Date:	6/8/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	7	Natural WC:	#DIV/0!
Depth, ft.	13-15	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter (CH)		

Classification (fraction passing No. 40 sieve)

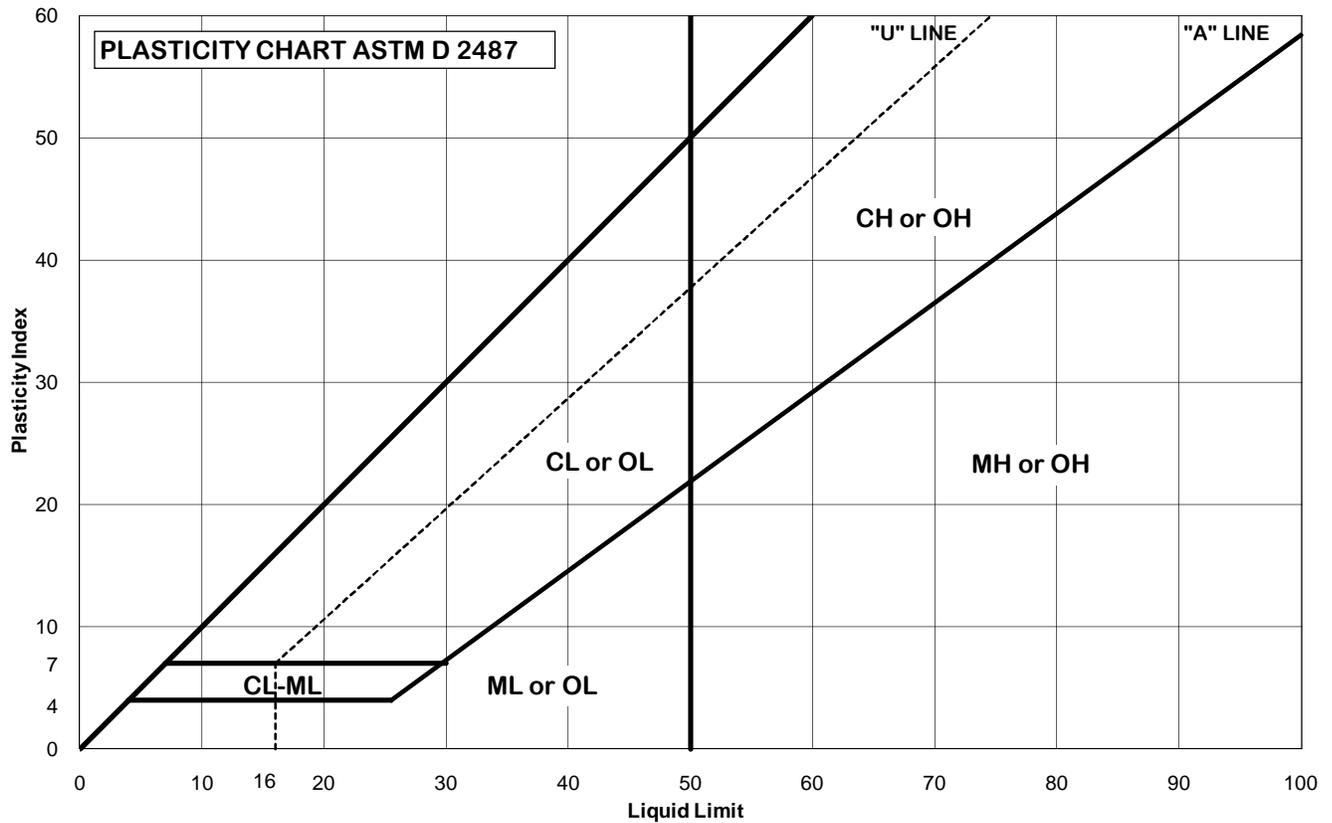
Liquid Limit =	115
Plastic Limit =	28
Plasticity Index =	87

Date:	6/3/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	7	Natural WC:	#DIV/0!
Depth, ft.	15-17	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with shells (CH)		

Classification (fraction passing No. 40 sieve)

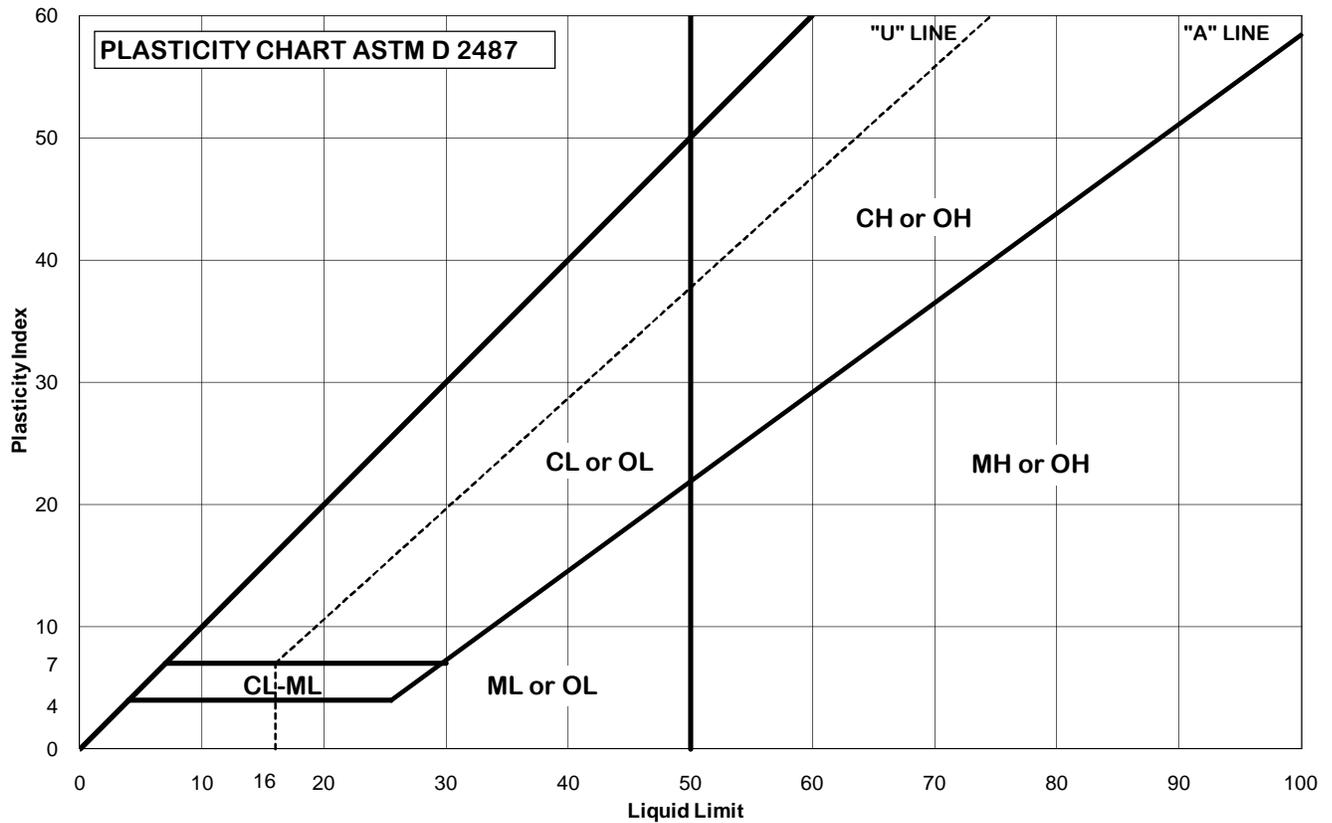
Liquid Limit =	116
Plastic Limit =	24
Plasticity Index =	92

Date:	6/6/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	7	Natural WC:	#DIV/0!
Depth, ft.	19-21	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter (CH)		

Classification (fraction passing No. 40 sieve)

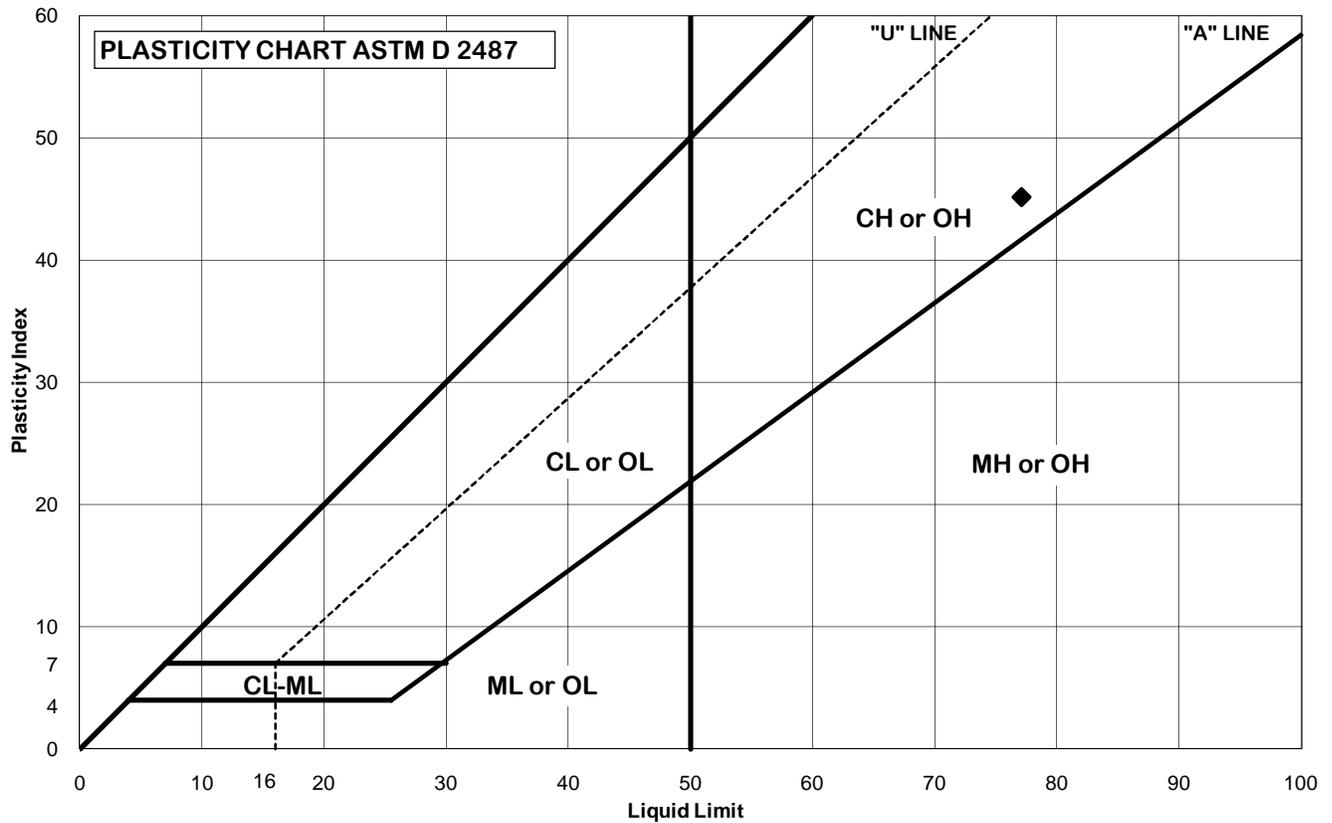
Liquid Limit =	93
Plastic Limit =	30
Plasticity Index =	62

Date:	6/3/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	7	Natural WC:	#DIV/0!
Depth, ft.	23-25	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

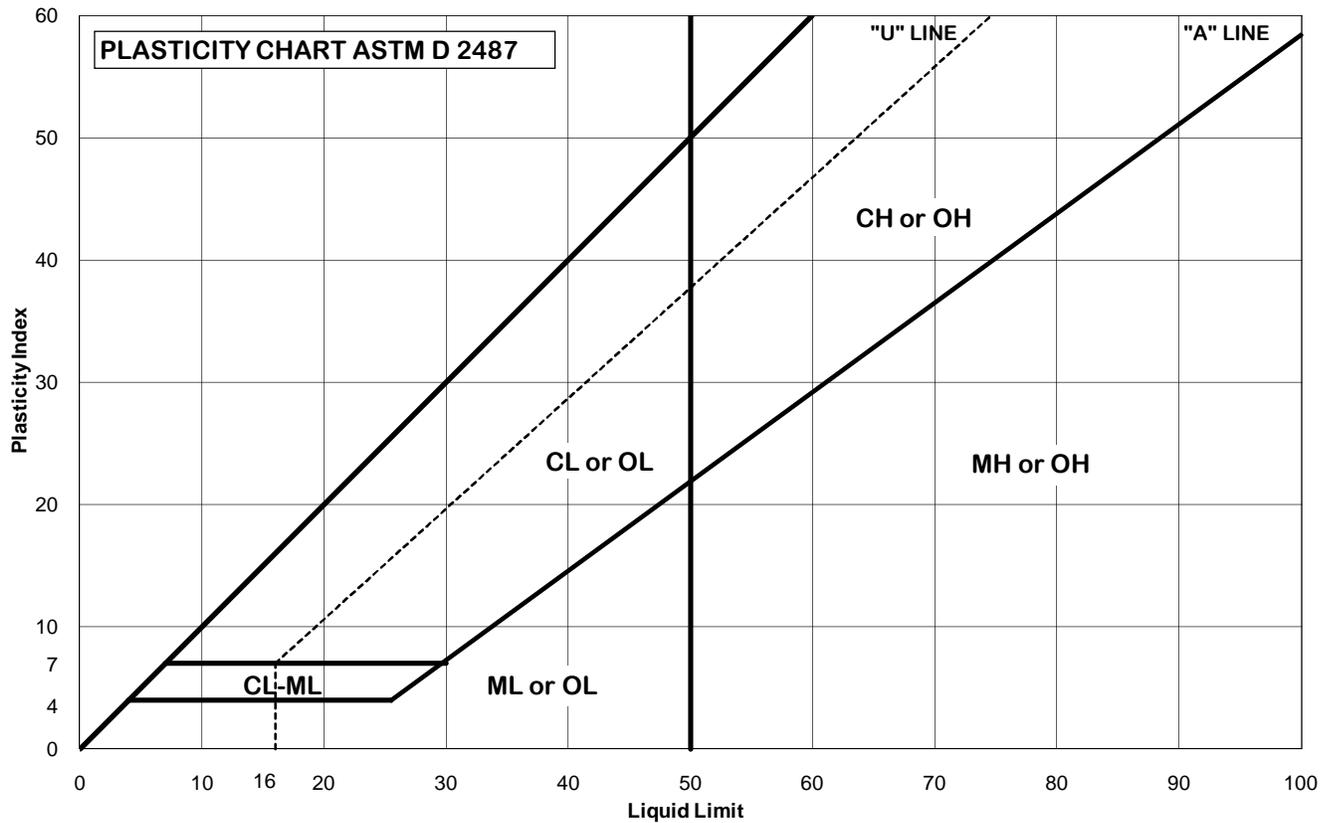
Liquid Limit =	77
Plastic Limit =	32
Plasticity Index =	45

Date:	6/8/2011
Tested By:	CL
Checked By:	DAS

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	7	Natural WC:	#DIV/0!
Depth, ft.	33-35	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

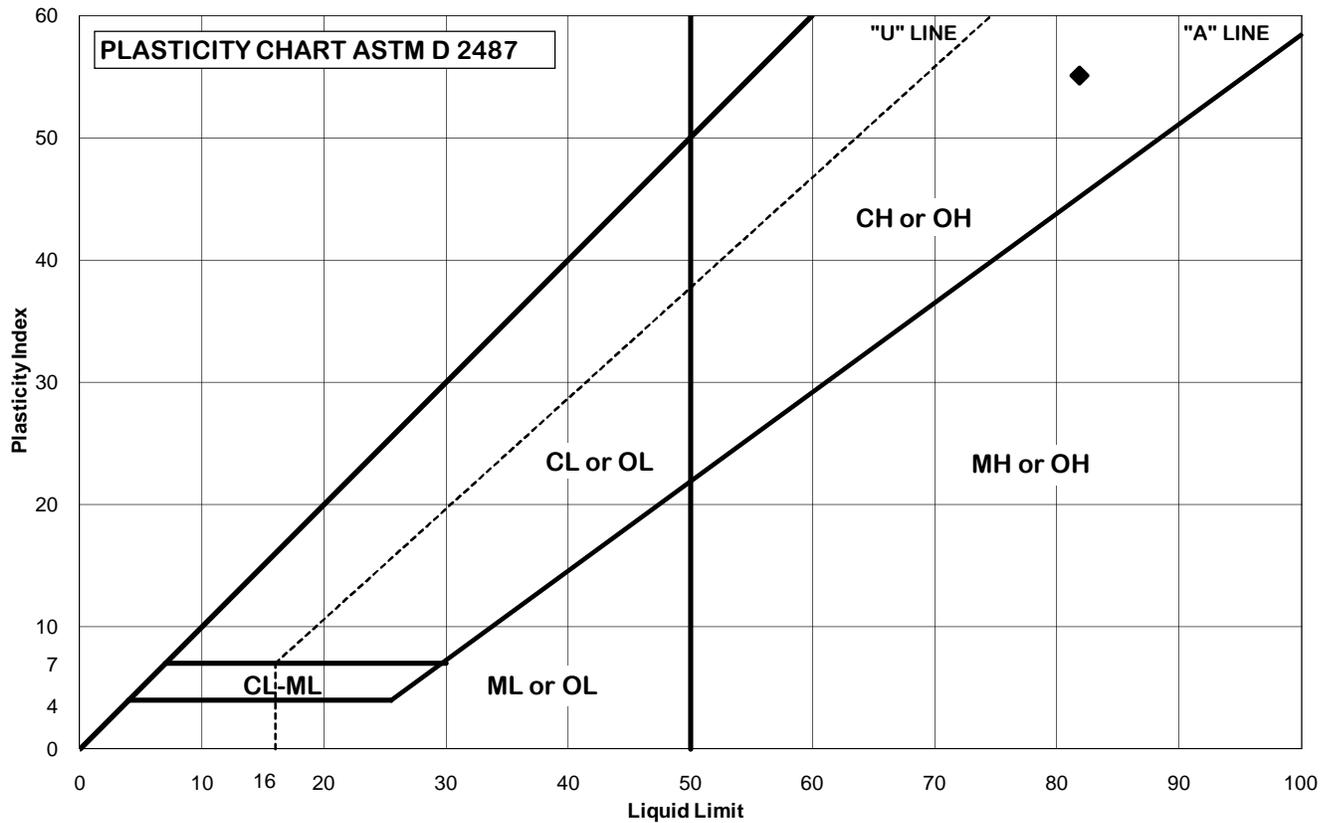
Liquid Limit =	110
Plastic Limit =	41
Plasticity Index =	69

Date:	6/7/2011
Tested By:	TJS
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	7	Natural WC:	#DIV/0!
Depth, ft.	43-45	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

Liquid Limit =	82
Plastic Limit =	27
Plasticity Index =	55

Date:	6/3/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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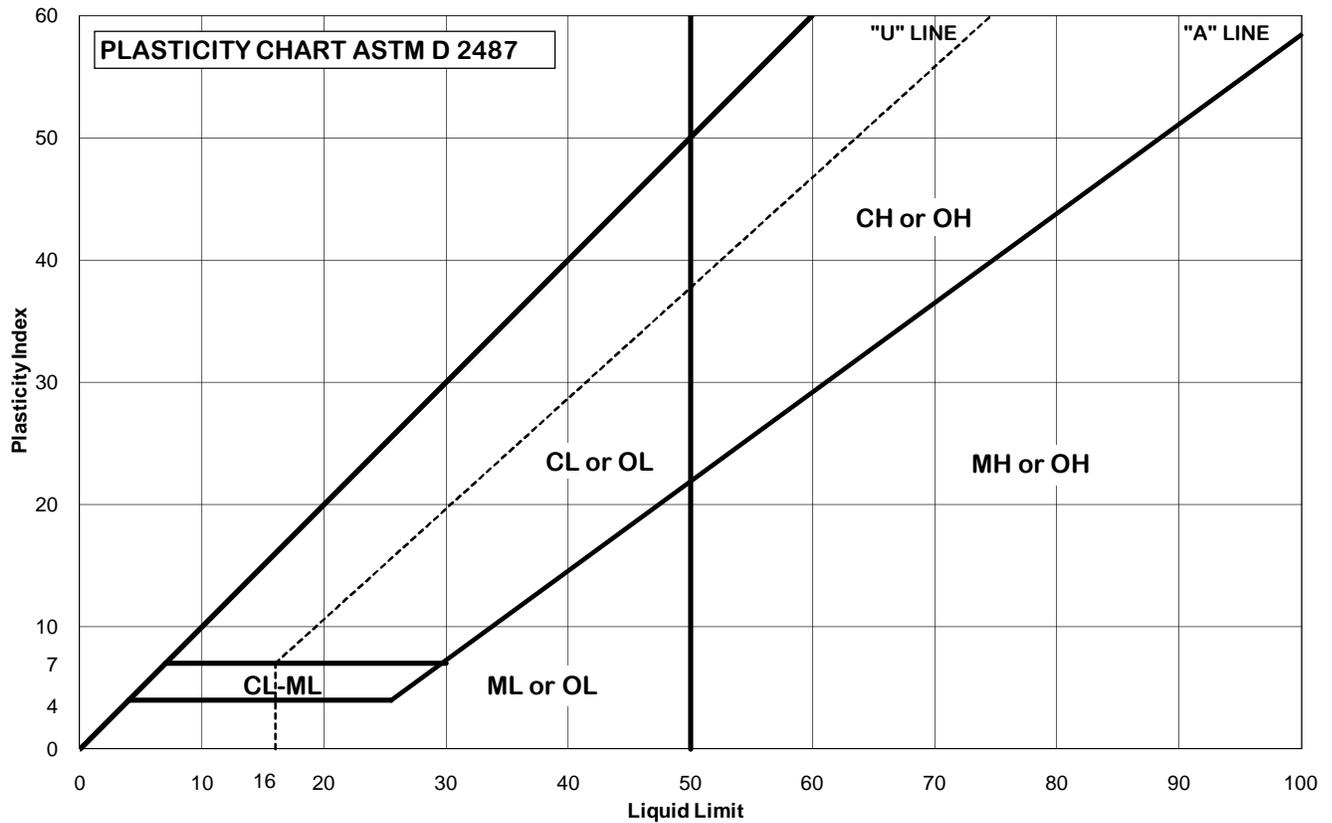


11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460

ATTERBERG LIMITS - ASTM D4318

Lost Lake Marsh Creation

16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	8	Natural WC:	#DIV/0!
Depth, ft.	7-9	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

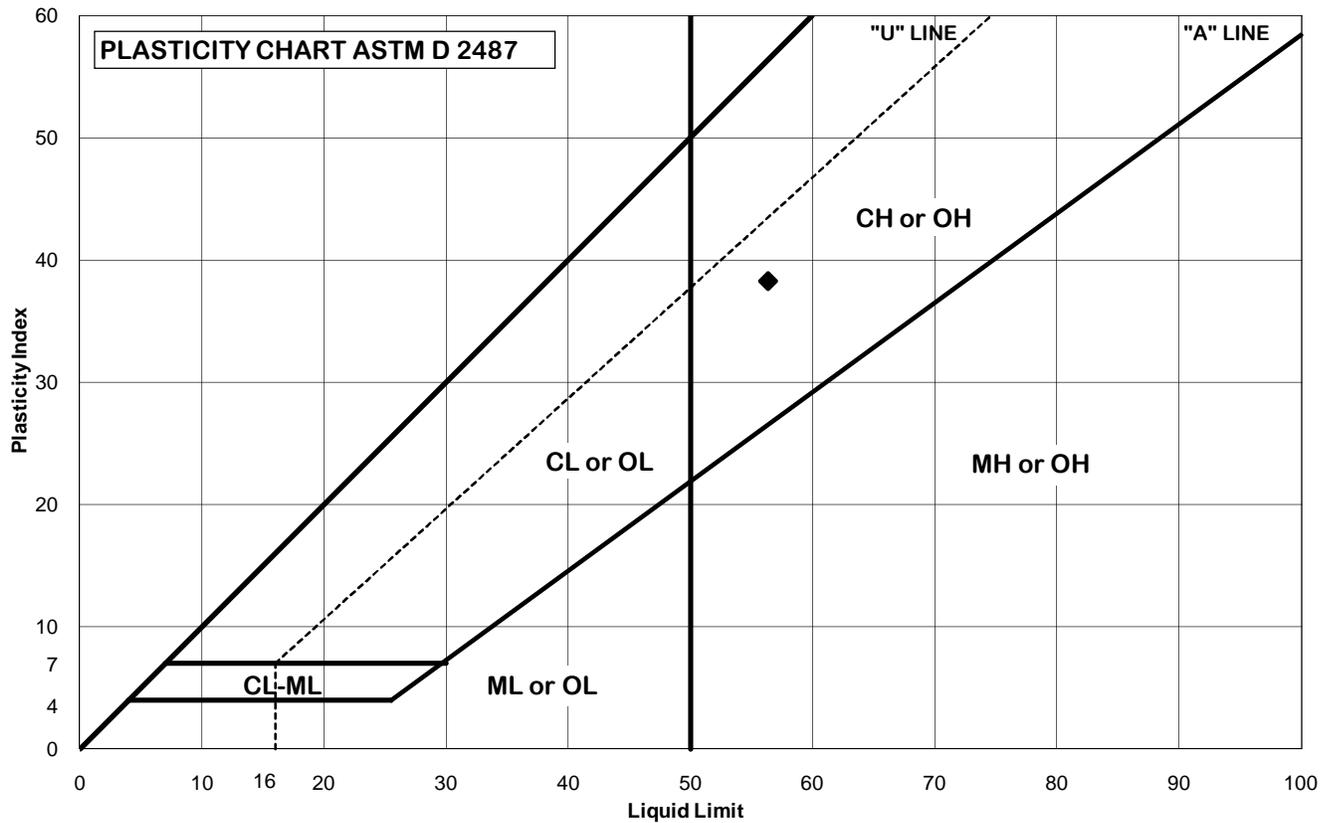
Liquid Limit =	98
Plastic Limit =	26
Plasticity Index =	71

Date:	6/8/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	8	Natural WC:	#DIV/0!
Depth, ft.	9-11	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray clay with shells (CH)		

Classification (fraction passing No. 40 sieve)

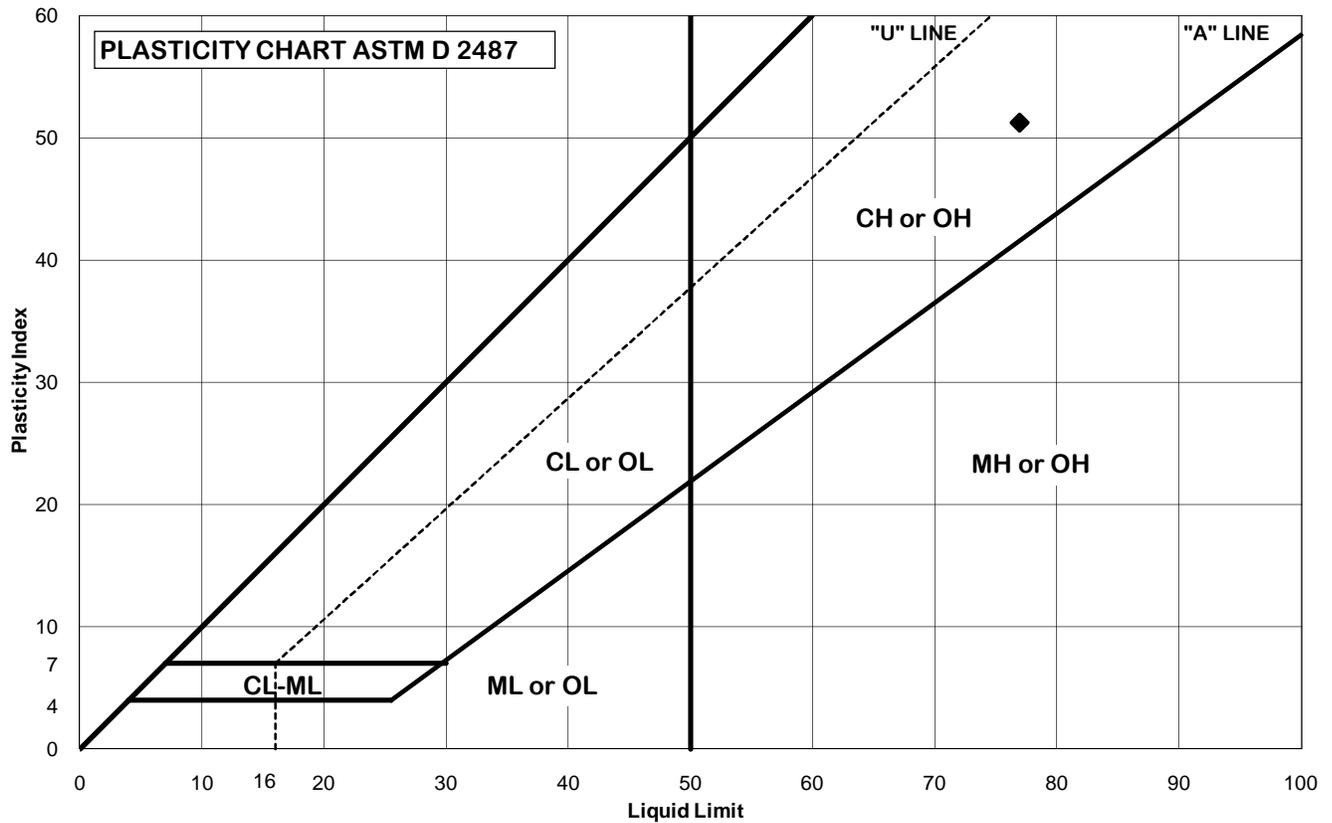
Liquid Limit =	56
Plastic Limit =	18
Plasticity Index =	38

Date:	6/8/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	8	Natural WC:	#DIV/0!
Depth, ft.	11-13	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with shells (CH)		

Classification (fraction passing No. 40 sieve)

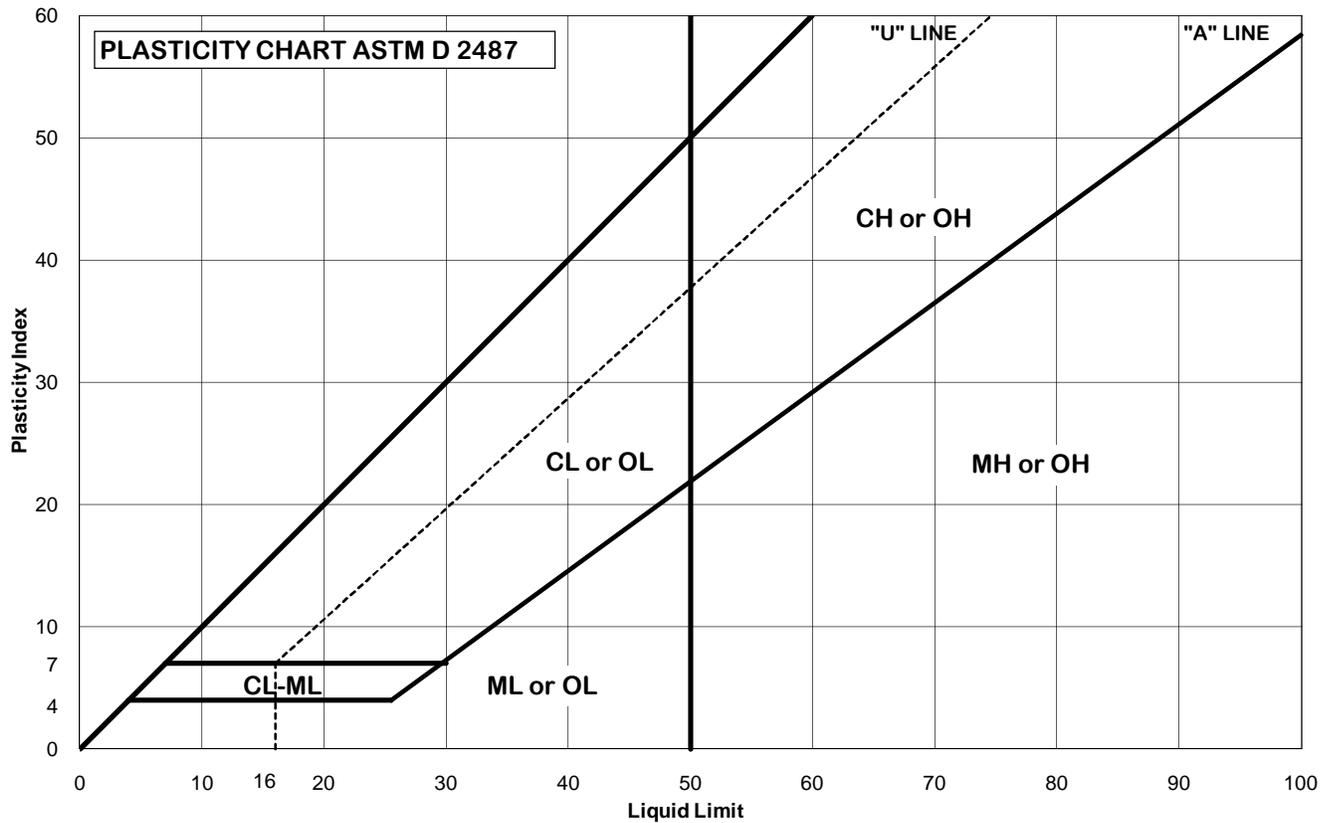
Liquid Limit =	77
Plastic Limit =	26
Plasticity Index =	51

Date:	6/1/2011
Tested By:	BH
Checked By:	DAS

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	9	Natural WC:	#DIV/0!
Depth, ft.	7-9	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

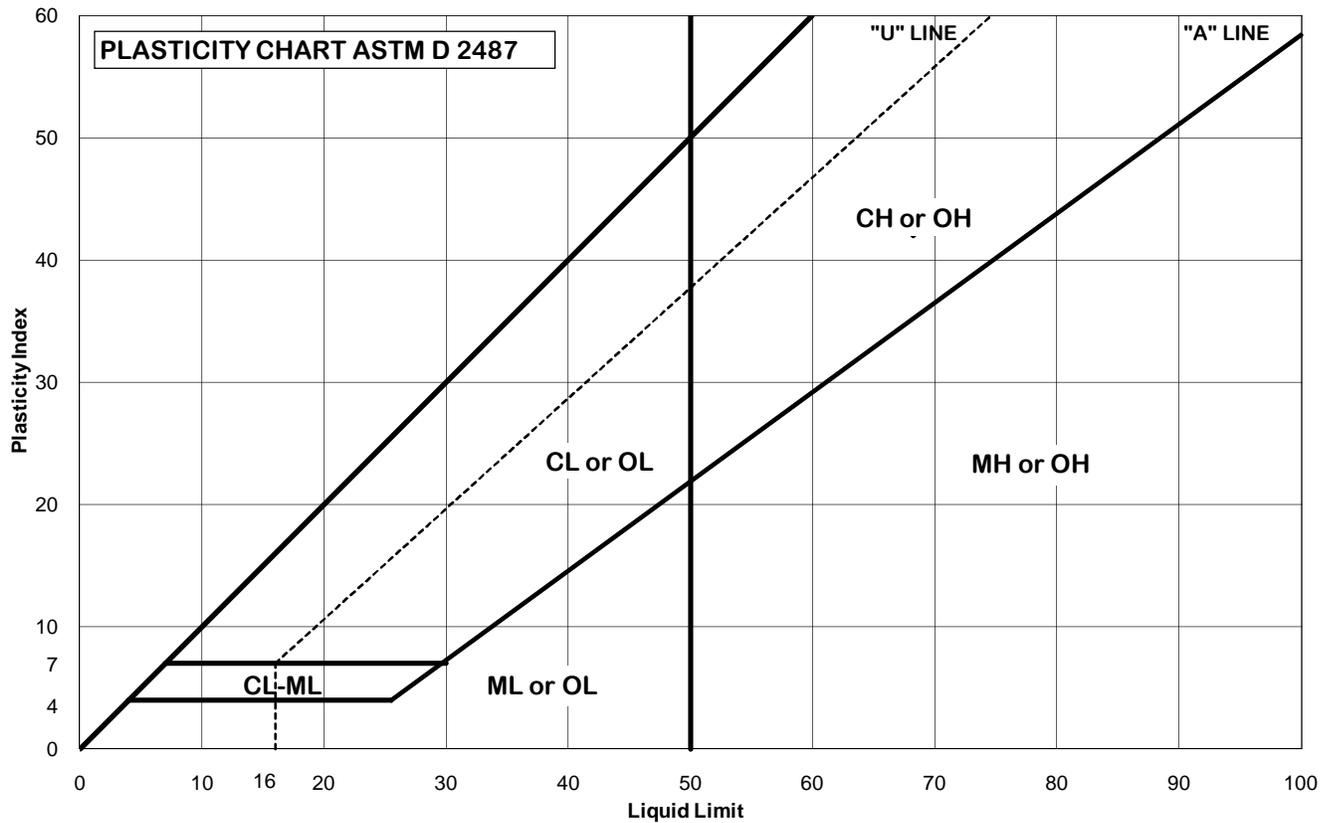
Liquid Limit =	94
Plastic Limit =	31
Plasticity Index =	63

Date:	6/2/2011
Tested By:	BH
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	9	Natural WC:	#DIV/0!
Depth, ft.	9-11	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

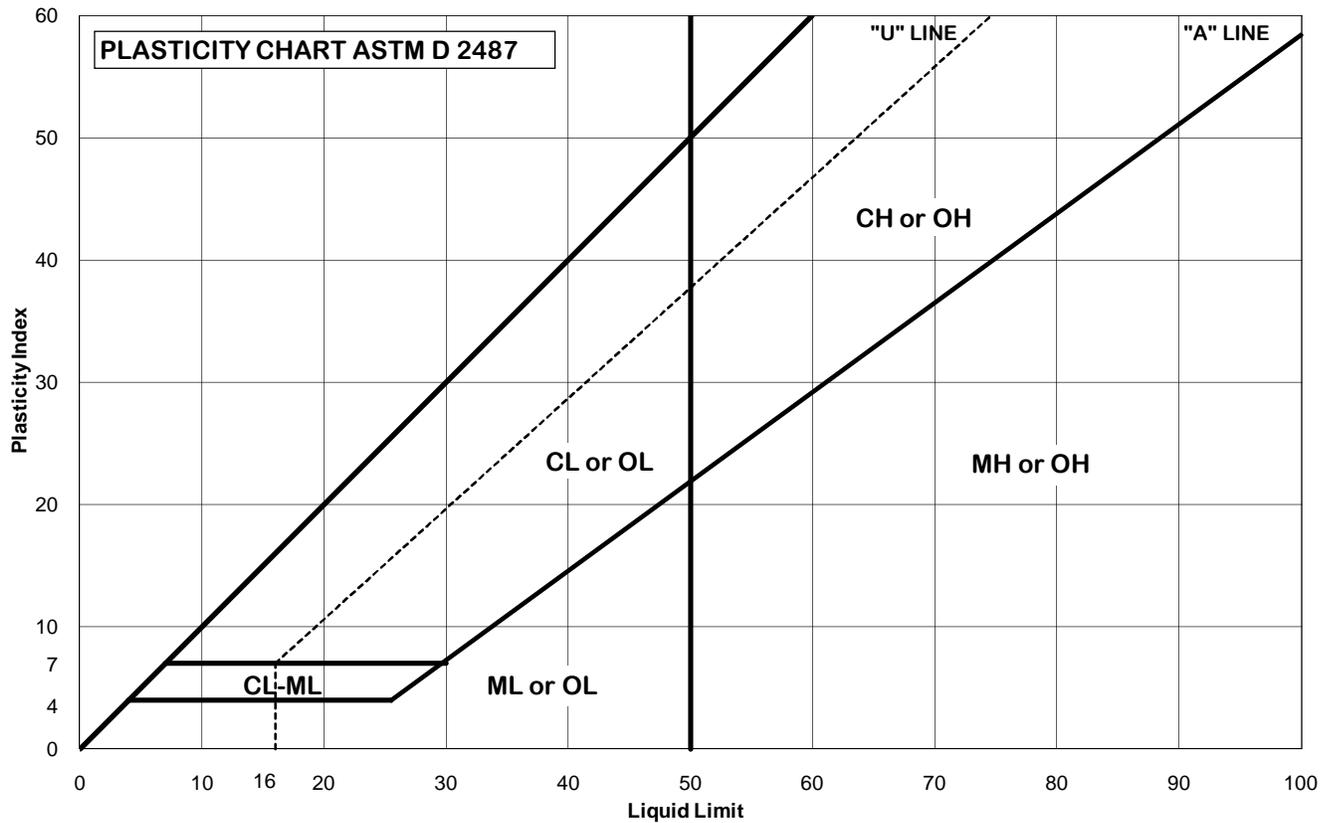
Liquid Limit =	68
Plastic Limit =	26
Plasticity Index =	43

Date:	6/2/2011
Tested By:	BH
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	9	Natural WC:	#DIV/0!
Depth, ft.	13-15	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

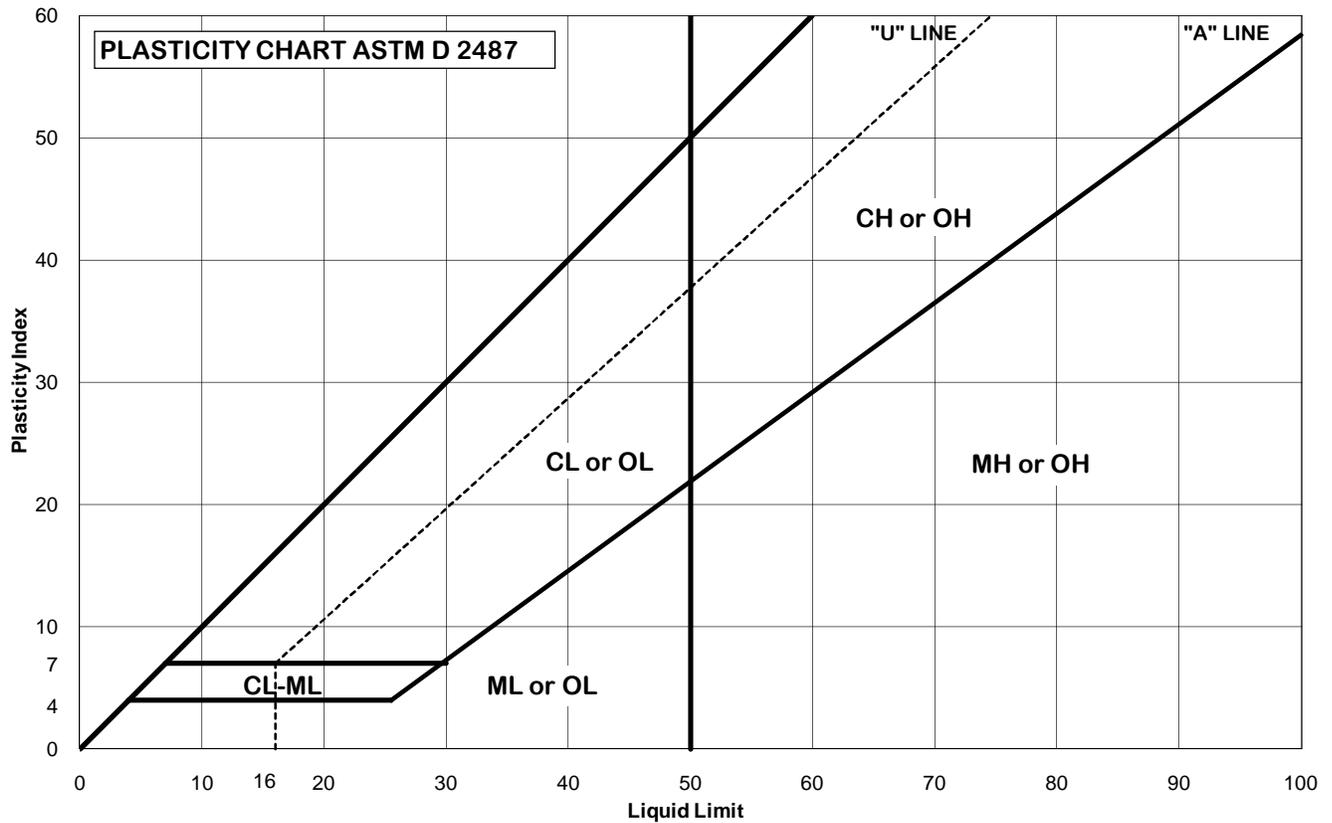
Liquid Limit =	105
Plastic Limit =	34
Plasticity Index =	71

Date:	6/2/2011
Tested By:	BH
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	10	Natural WC:	#DIV/0!
Depth, ft.	5-7	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

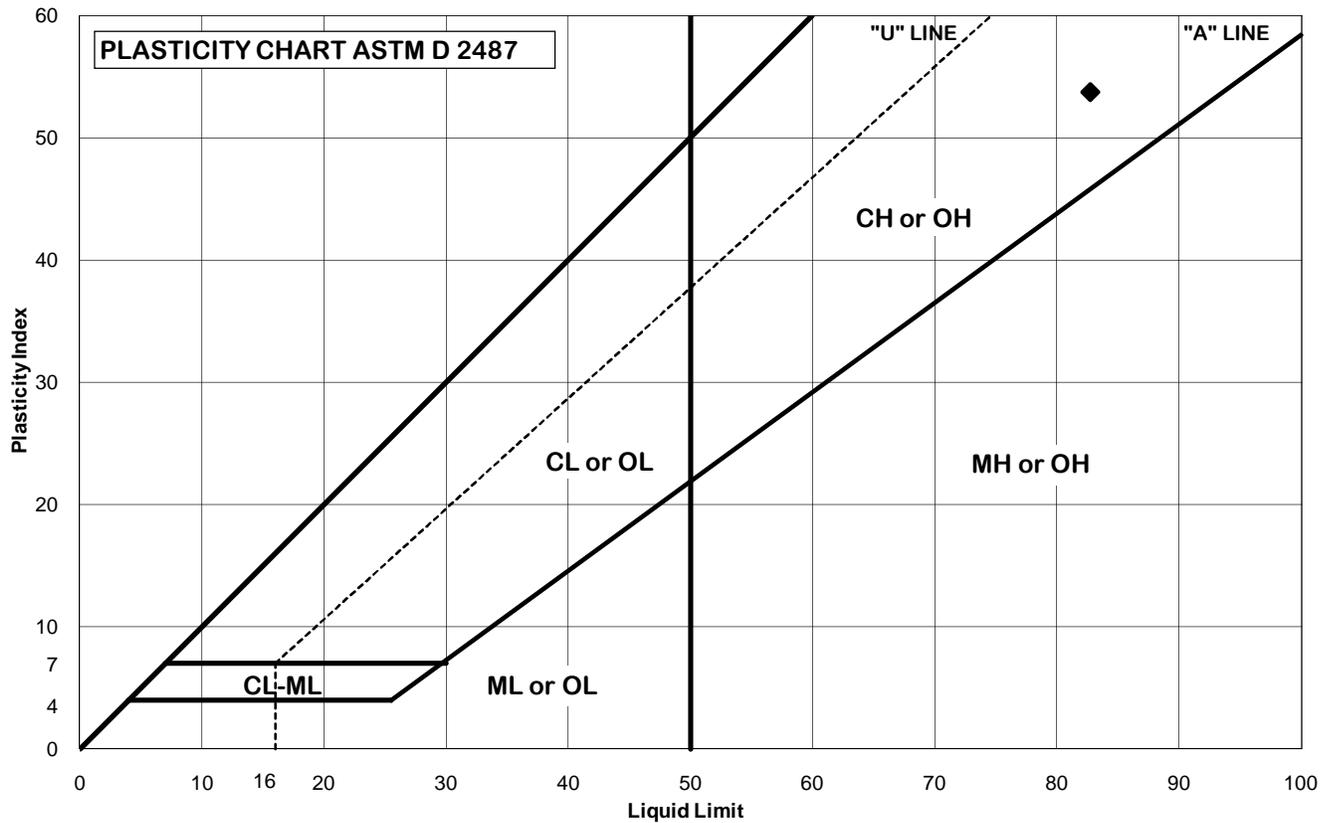
Liquid Limit =	87
Plastic Limit =	25
Plasticity Index =	62

Date:	5/31/2011
Tested By:	BH
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	10	Natural WC:	#DIV/0!
Depth, ft.	7-9	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with shells (CH)		

Classification (fraction passing No. 40 sieve)

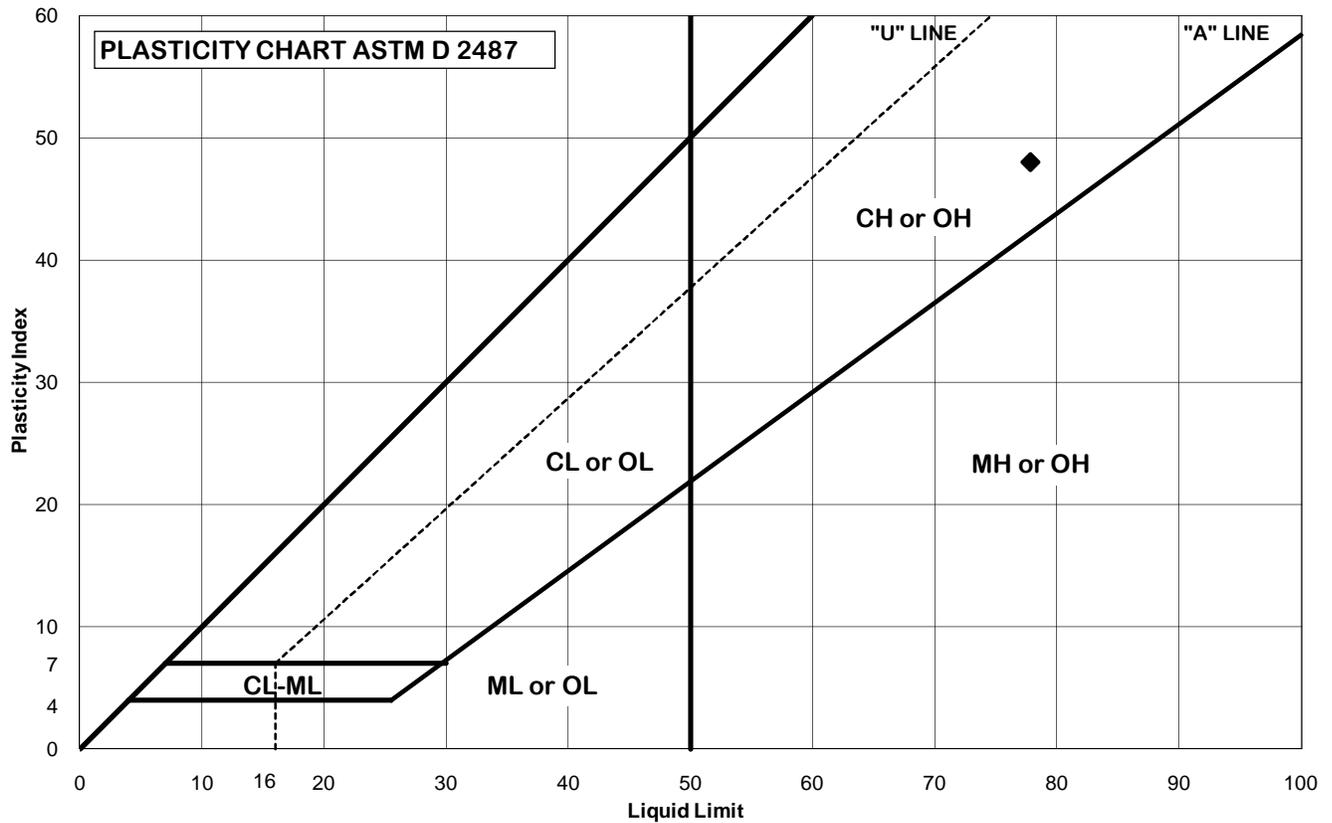
Liquid Limit =	83
Plastic Limit =	29
Plasticity Index =	54

Date:	6/1/2011
Tested By:	BH
Checked By:	DAS

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	10	Natural WC:	#DIV/0!
Depth, ft.	9-11	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

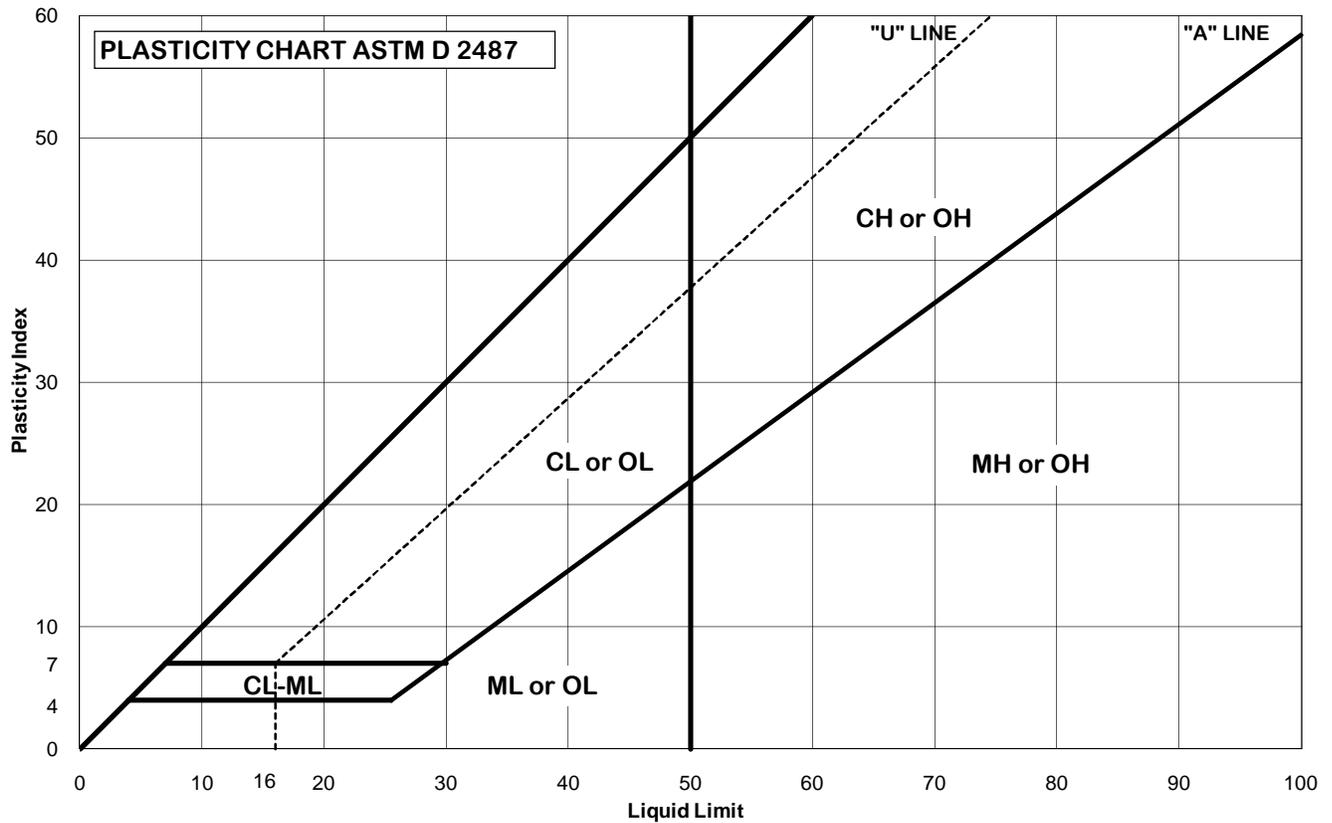
Liquid Limit =	78
Plastic Limit =	30
Plasticity Index =	48

Date:	5/31/2011
Tested By:	BH
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	11	Natural WC:	#DIV/0!
Depth, ft.	41-43	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

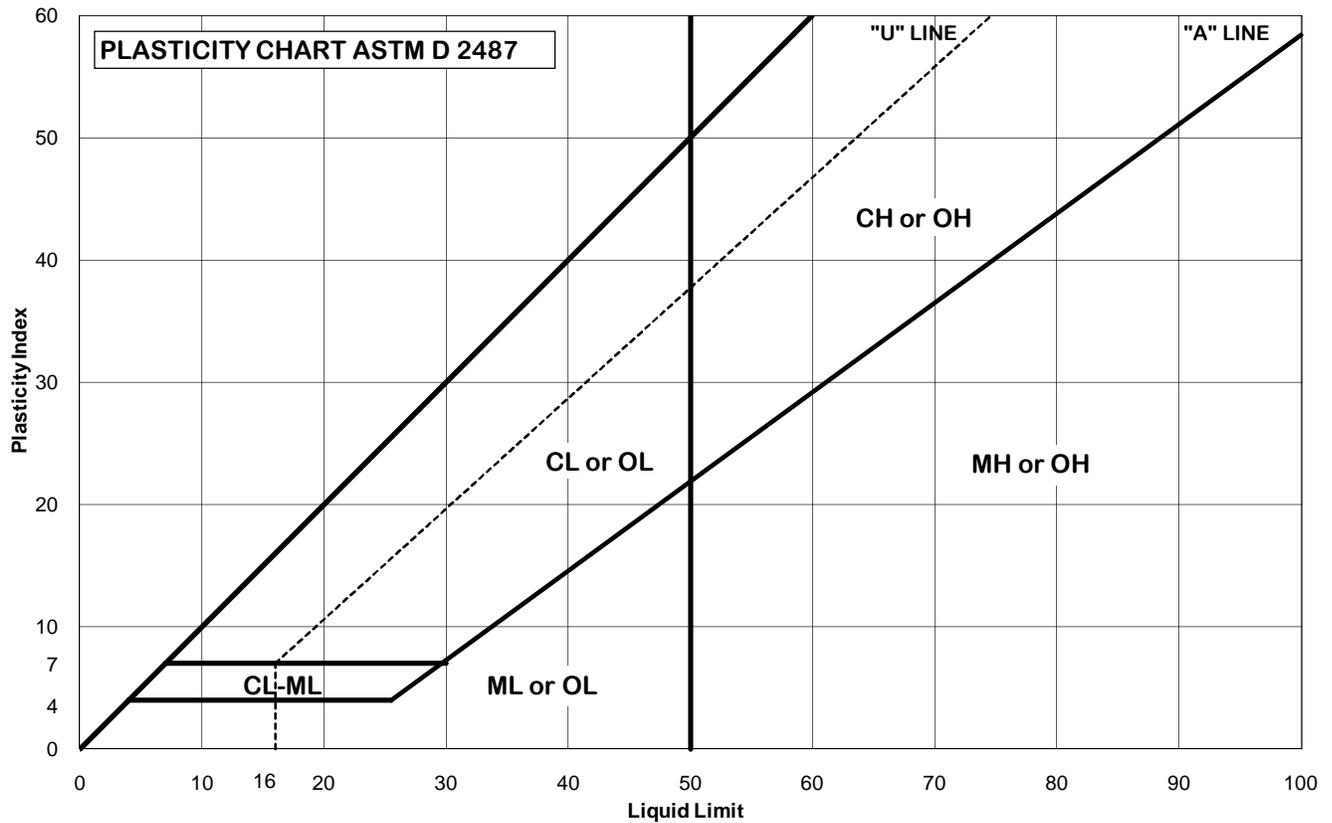
Liquid Limit =	94
Plastic Limit =	32
Plasticity Index =	63

Date:	6/3/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	11	Natural WC:	#DIV/0!
Depth, ft.	3-5	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Brown peat (PT)		

Classification (fraction passing No. 40 sieve)

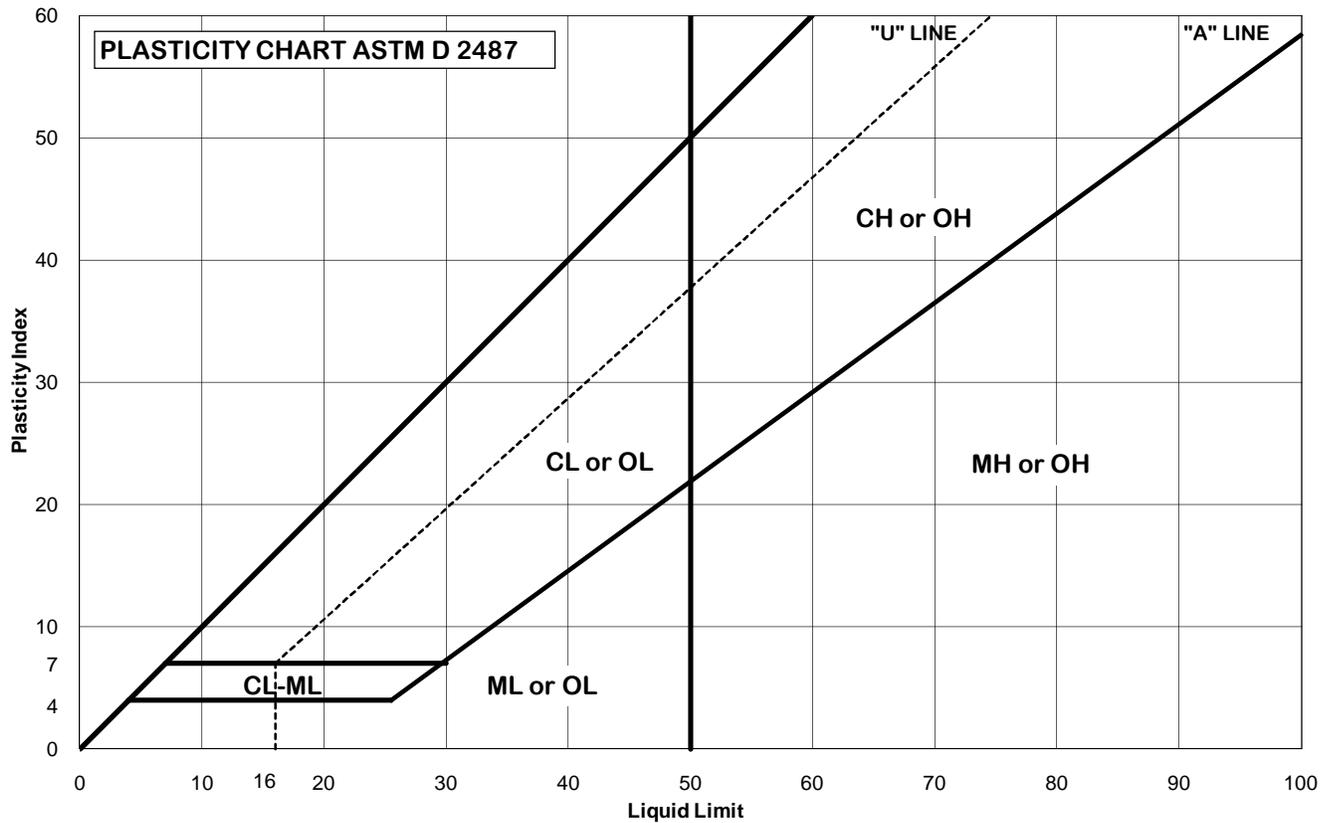
Liquid Limit =	250
Plastic Limit =	94
Plasticity Index =	156

Date:	6/3/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	11	Natural WC:	#DIV/0!
Depth, ft.	5-7	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

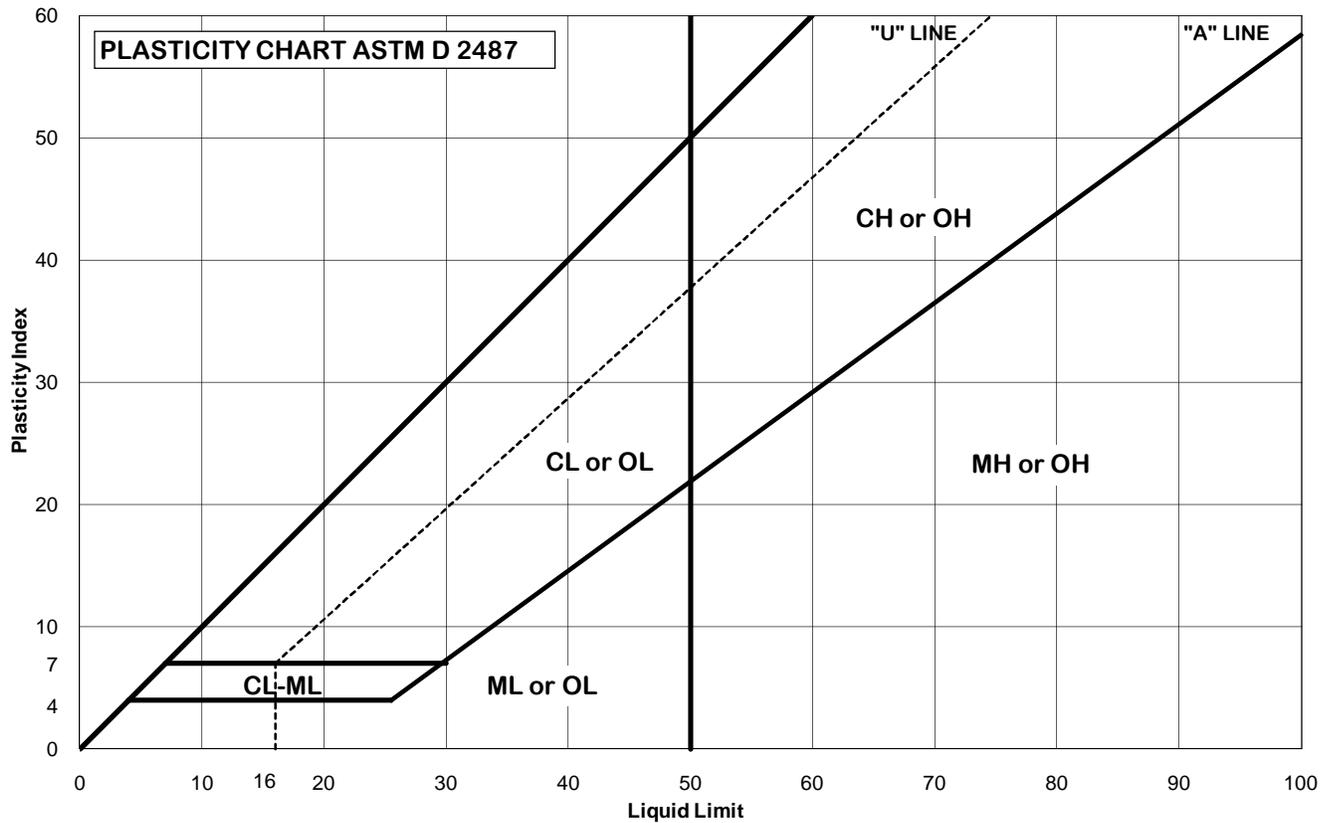
Liquid Limit =	138
Plastic Limit =	36
Plasticity Index =	102

Date:	6/3/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	11	Natural WC:	#DIV/0!
Depth, ft.	7-9	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter (CH)		

Classification (fraction passing No. 40 sieve)

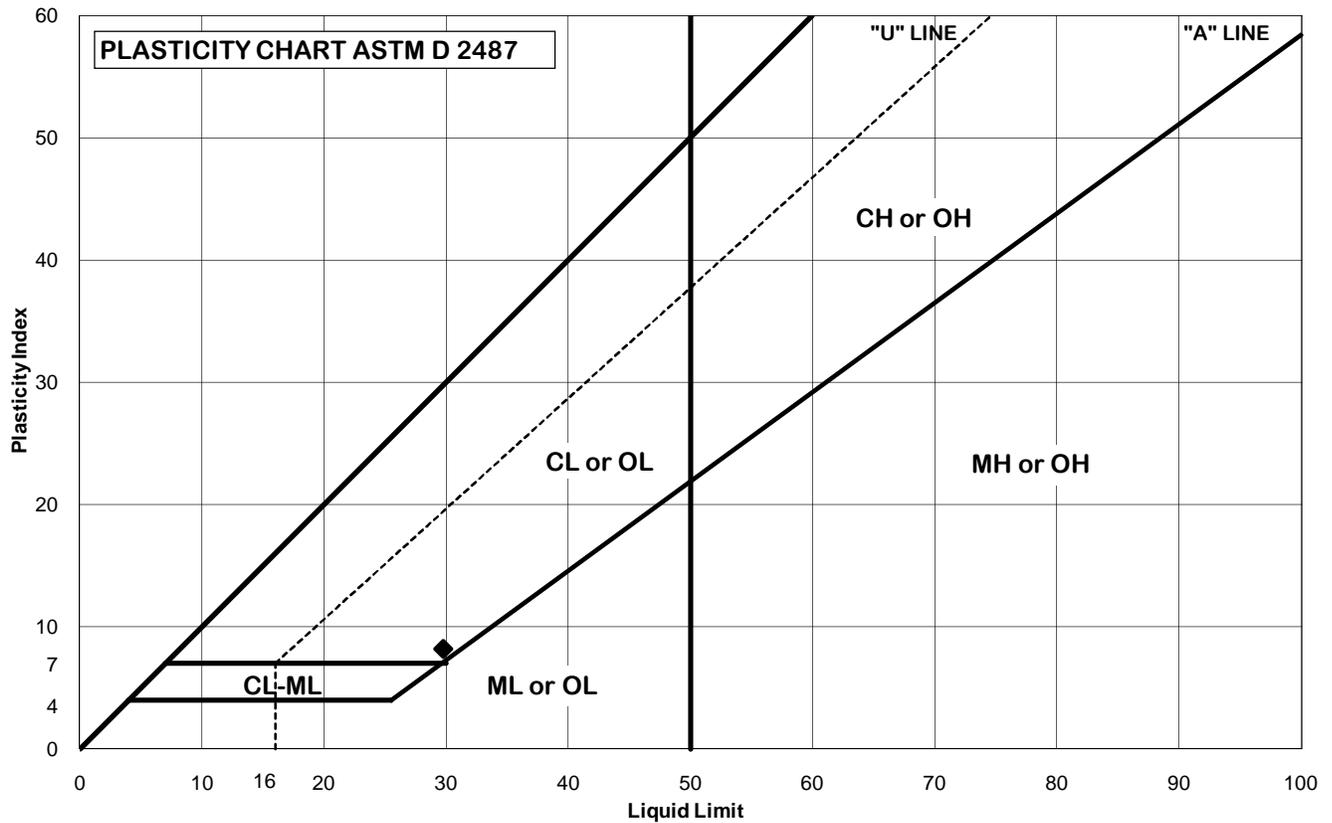
Liquid Limit =	104
Plastic Limit =	29
Plasticity Index =	75

Date:	6/3/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	11	Natural WC:	#DIV/0!
Depth, ft.	11-13	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray very silty clay (CL)		

Classification (fraction passing No. 40 sieve)

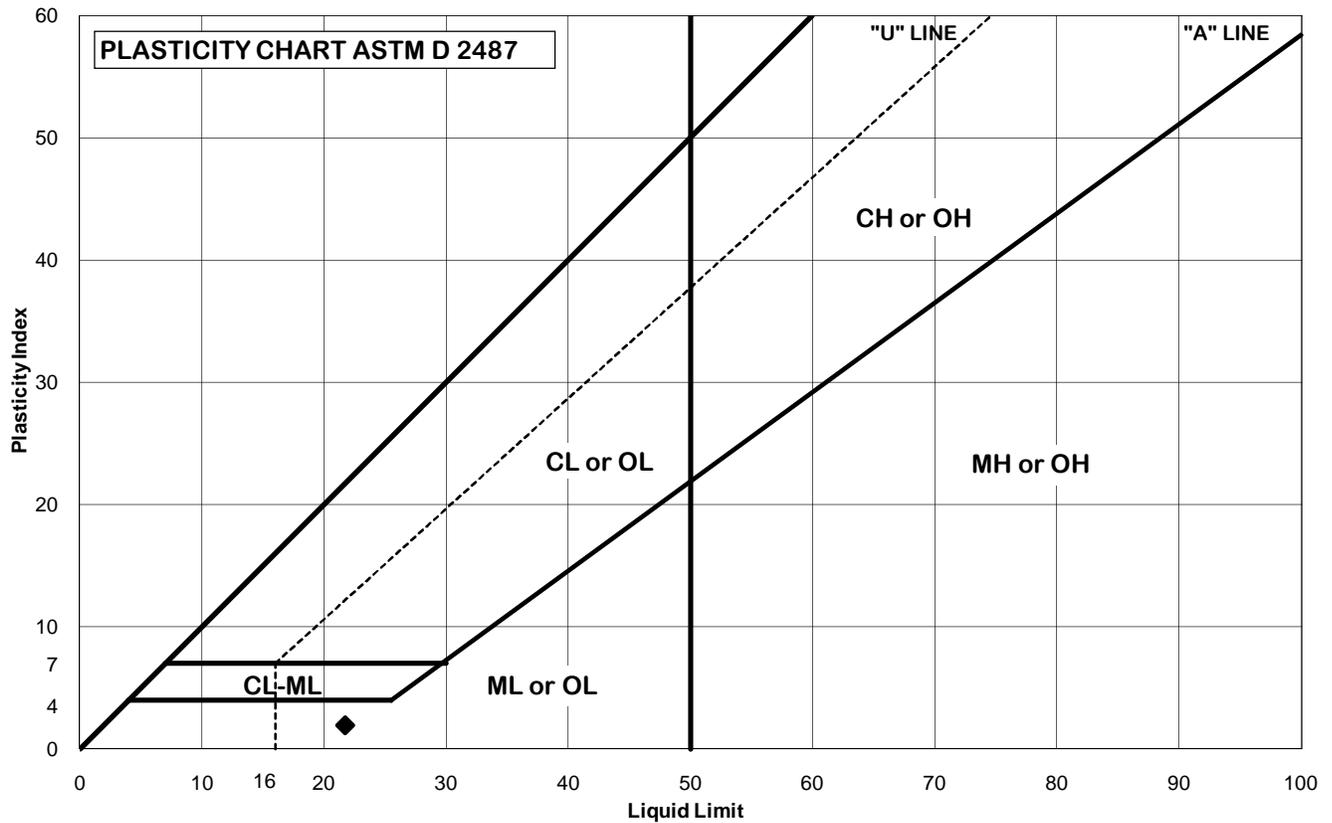
Liquid Limit =	30
Plastic Limit =	22
Plasticity Index =	8

Date:	6/6/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	11	Natural WC:	#DIV/0!
Depth, ft.	15-17	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray silt with organic matter, trace sand (SM)		

Classification (fraction passing No. 40 sieve)

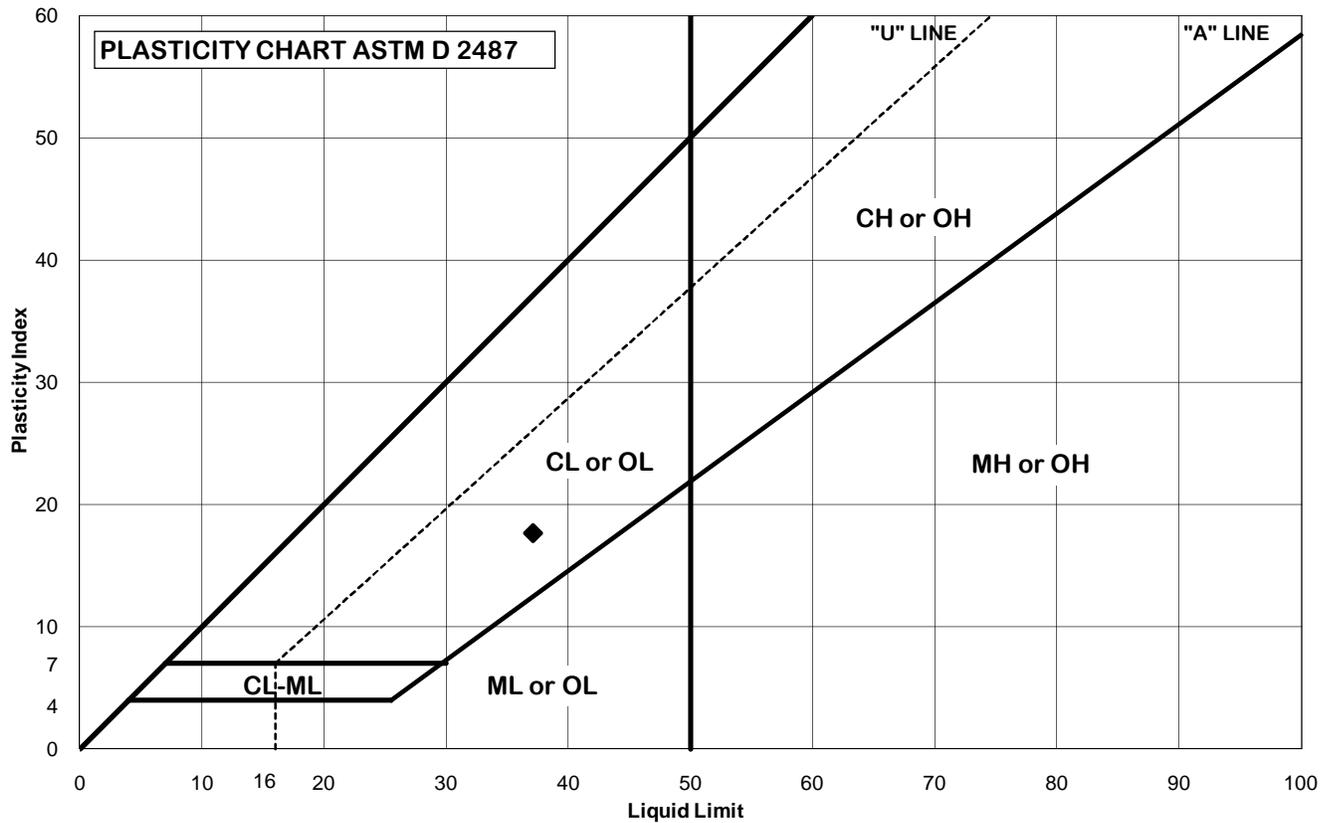
Liquid Limit =	22
Plastic Limit =	20
Plasticity Index =	2

Date:	6/3/2011
Tested By:	MJK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	11	Natural WC:	#DIV/0!
Depth, ft.	17-19	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray silty clay (CL)		

Classification (fraction passing No. 40 sieve)

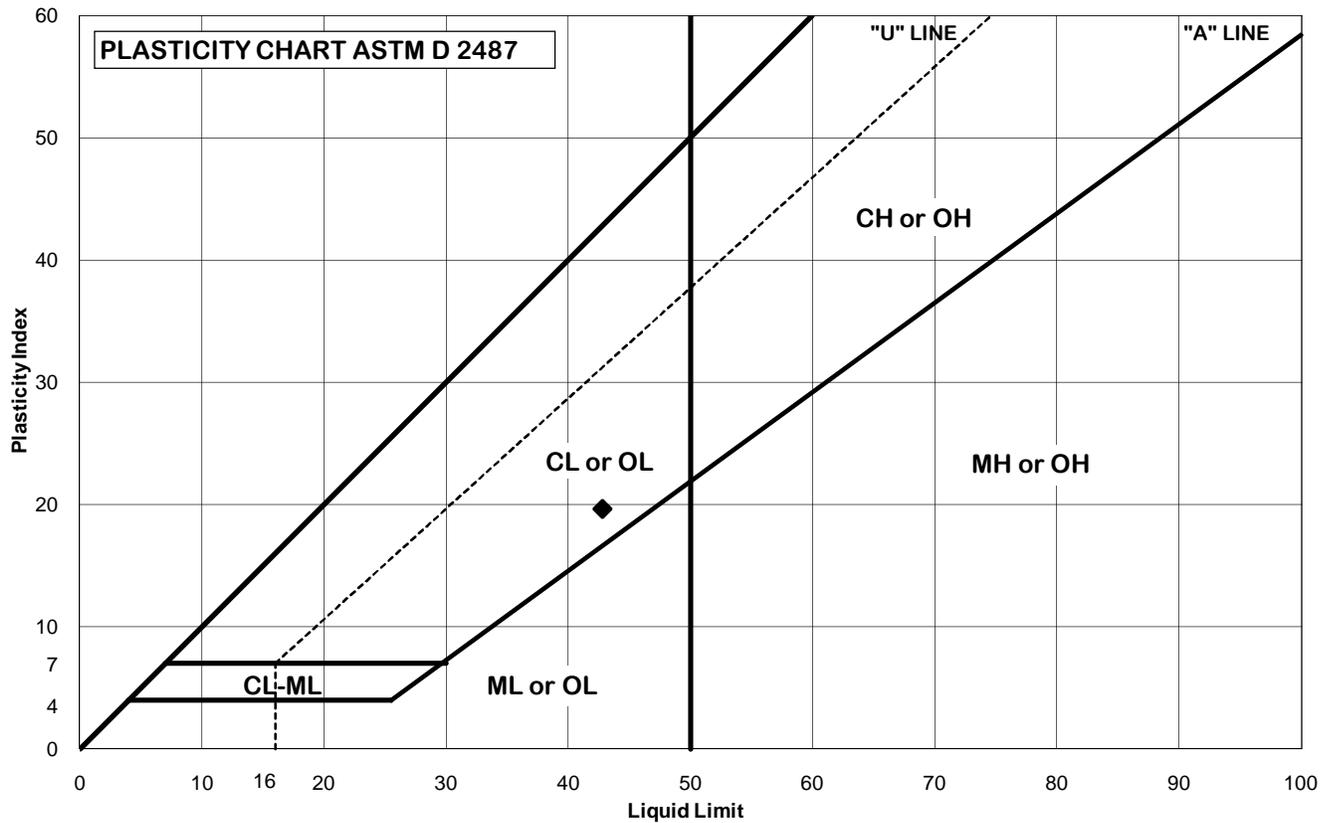
Liquid Limit =	37
Plastic Limit =	19
Plasticity Index =	18

Date:	6/3/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	11	Natural WC:	#DIV/0!
Depth, ft.	21-23	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with silt (CL)		

Classification (fraction passing No. 40 sieve)

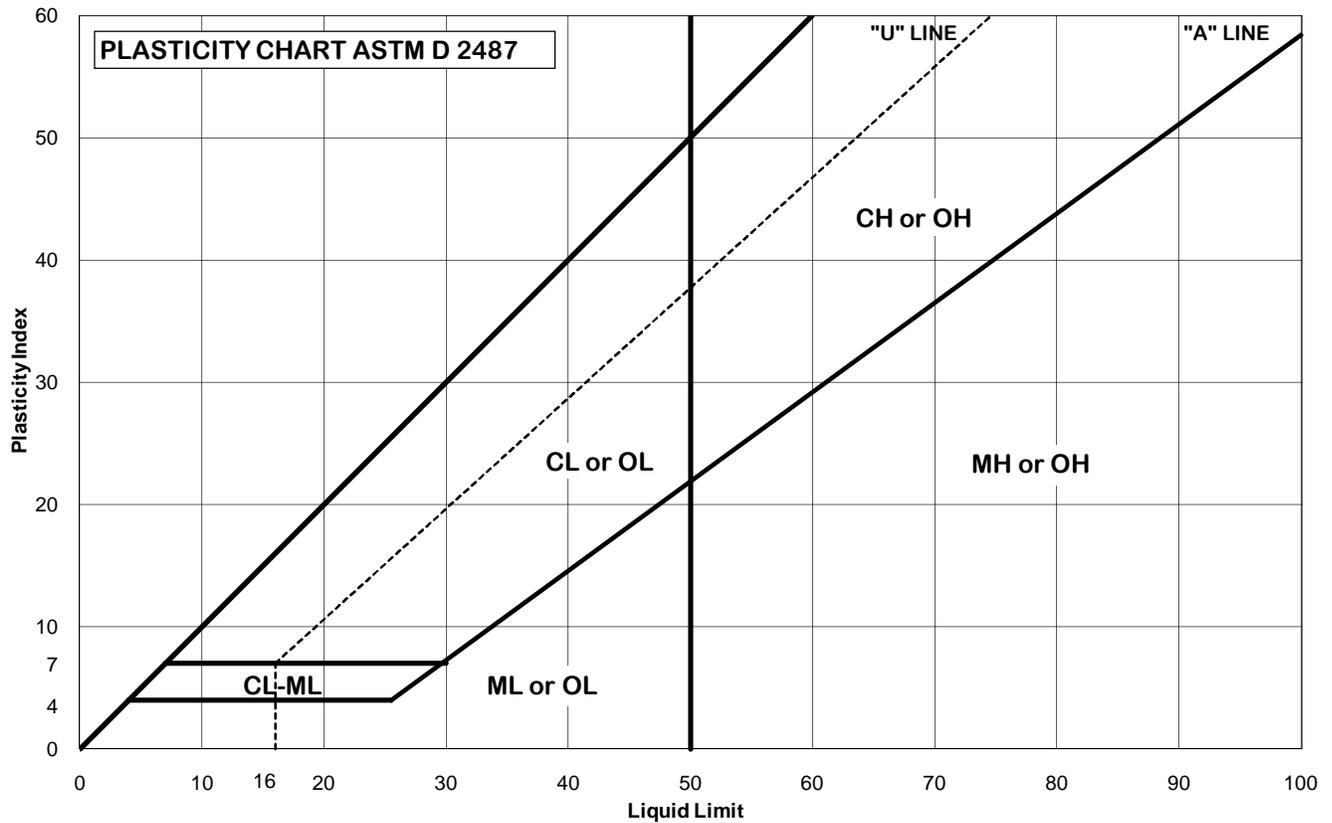
Liquid Limit =	43
Plastic Limit =	23
Plasticity Index =	20

Date:	6/3/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	11	Natural WC:	#DIV/0!
Depth, ft.	31-33	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

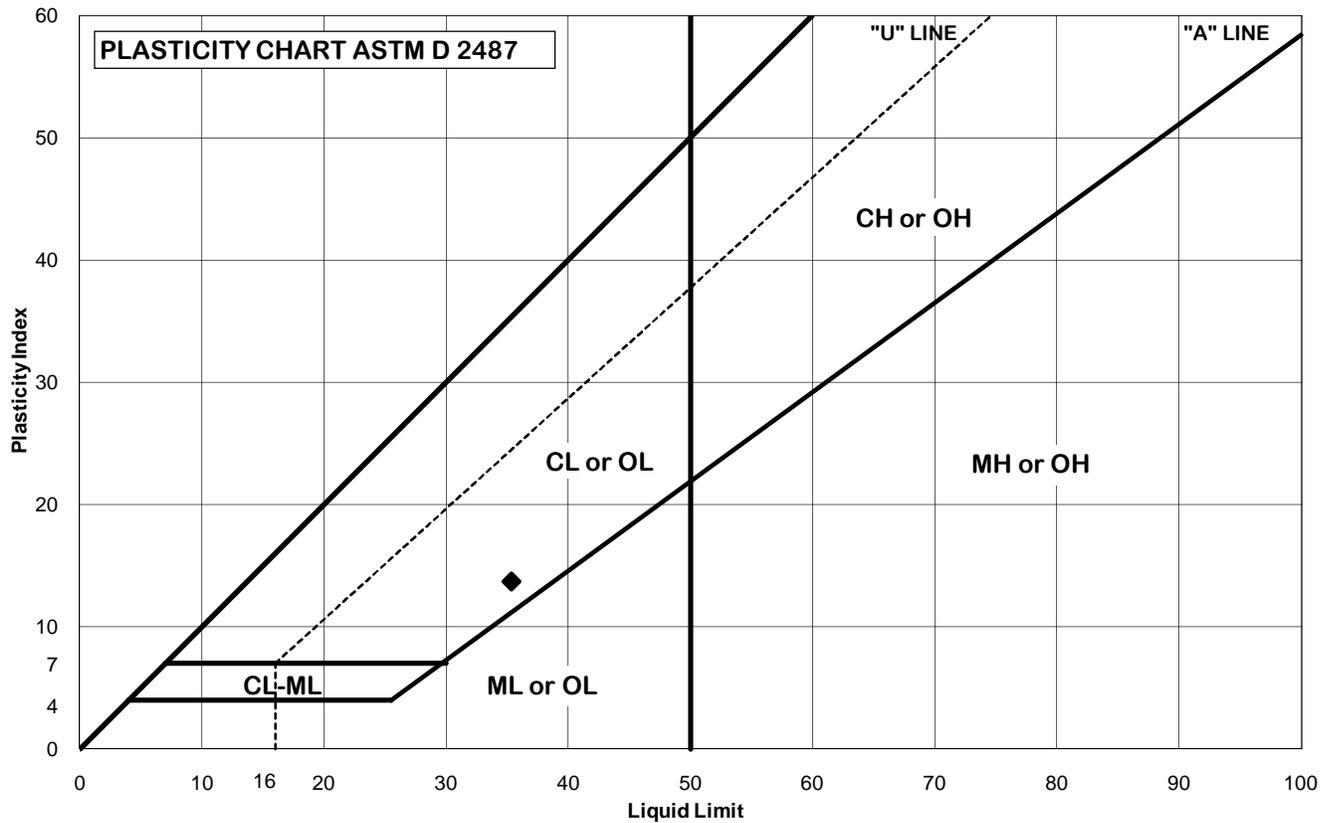
Liquid Limit =	92
Plastic Limit =	31
Plasticity Index =	61

Date:	6/6/2011
Tested By:	OS
Checked By:	DAS

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	12	Natural WC:	#DIV/0!
Depth, ft.	5-7	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray silty clay (CL)		

Classification (fraction passing No. 40 sieve)

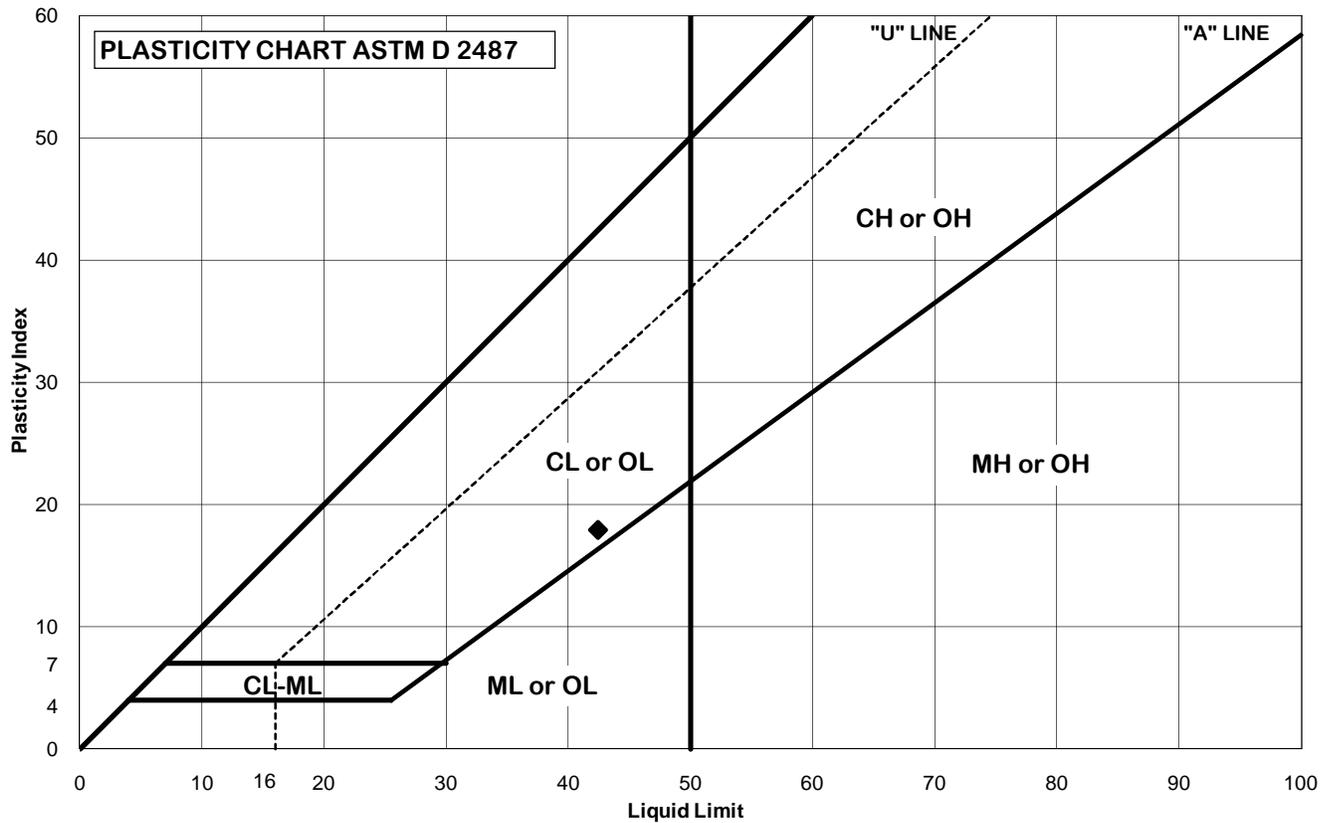
Liquid Limit =	35
Plastic Limit =	22
Plasticity Index =	14

Date:	6/7/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	12	Natural WC:	#DIV/0!
Depth, ft.	7-9	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with silt (CL)		

Classification (fraction passing No. 40 sieve)

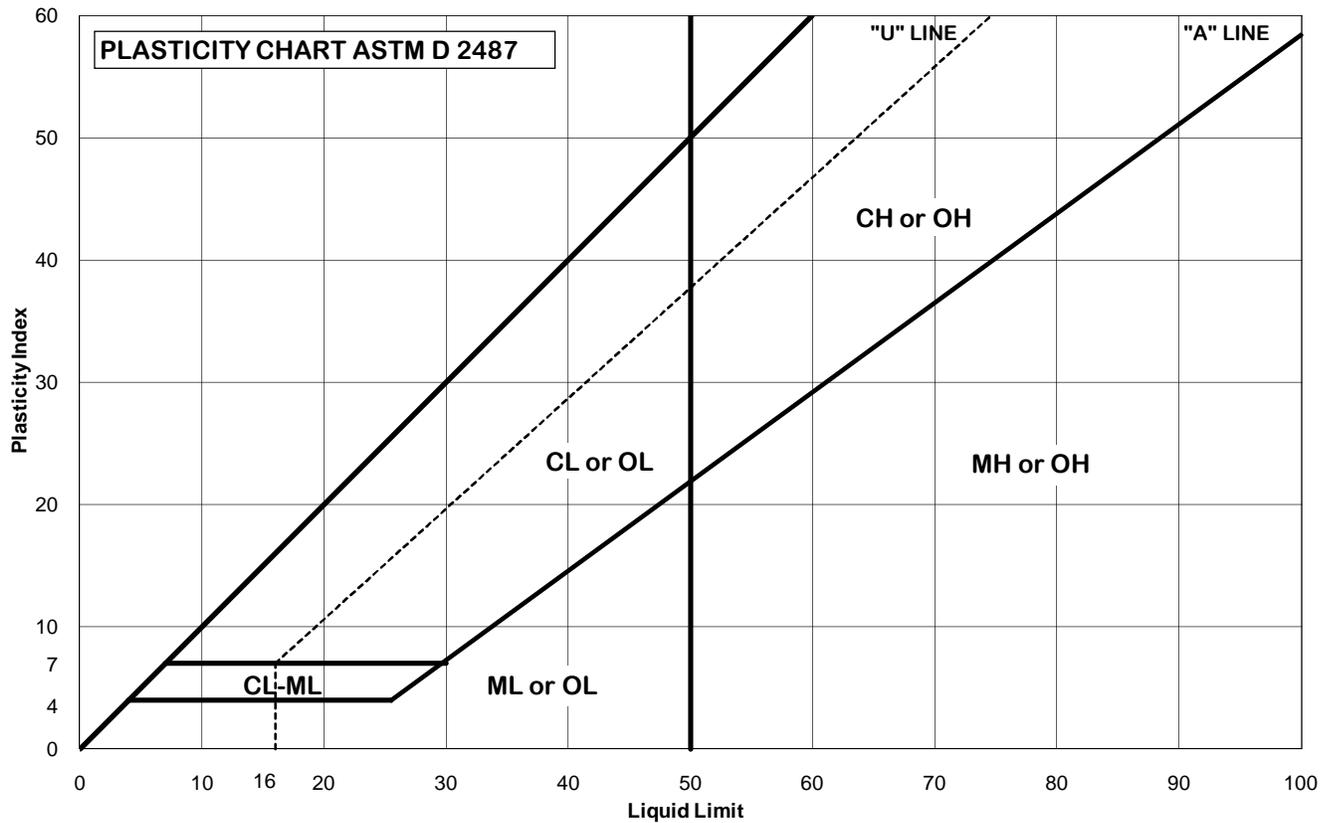
Liquid Limit =	42
Plastic Limit =	25
Plasticity Index =	18

Date:	6/6/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	12	Natural WC:	#DIV/0!
Depth, ft.	9-11	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray peat (PT)		

Classification (fraction passing No. 40 sieve)

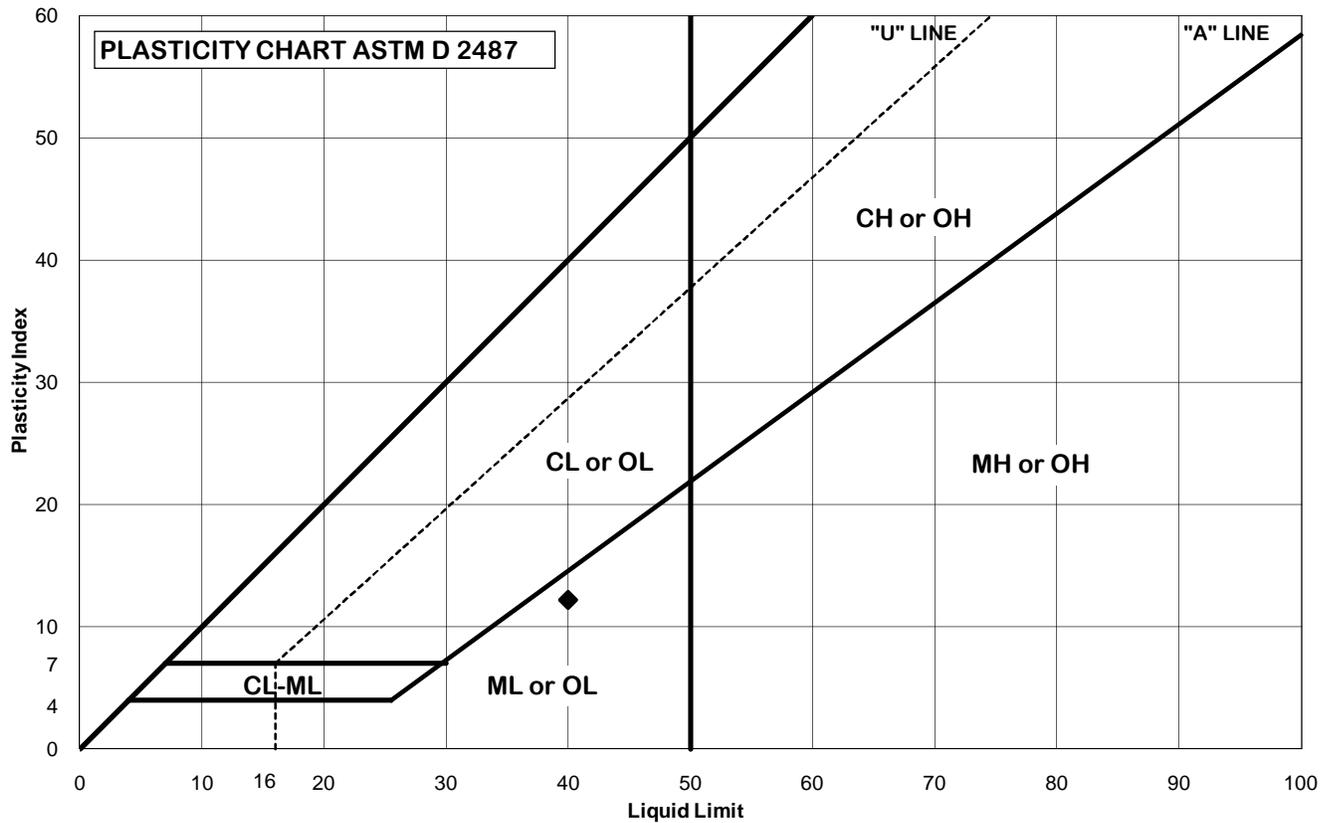
Liquid Limit =	241
Plastic Limit =	62
Plasticity Index =	179

Date:	6/8/2011
Tested By:	TJS
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	12	Natural WC:	#DIV/0!
Depth, ft.	11-13	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic silt (OL)		

Classification (fraction passing No. 40 sieve)

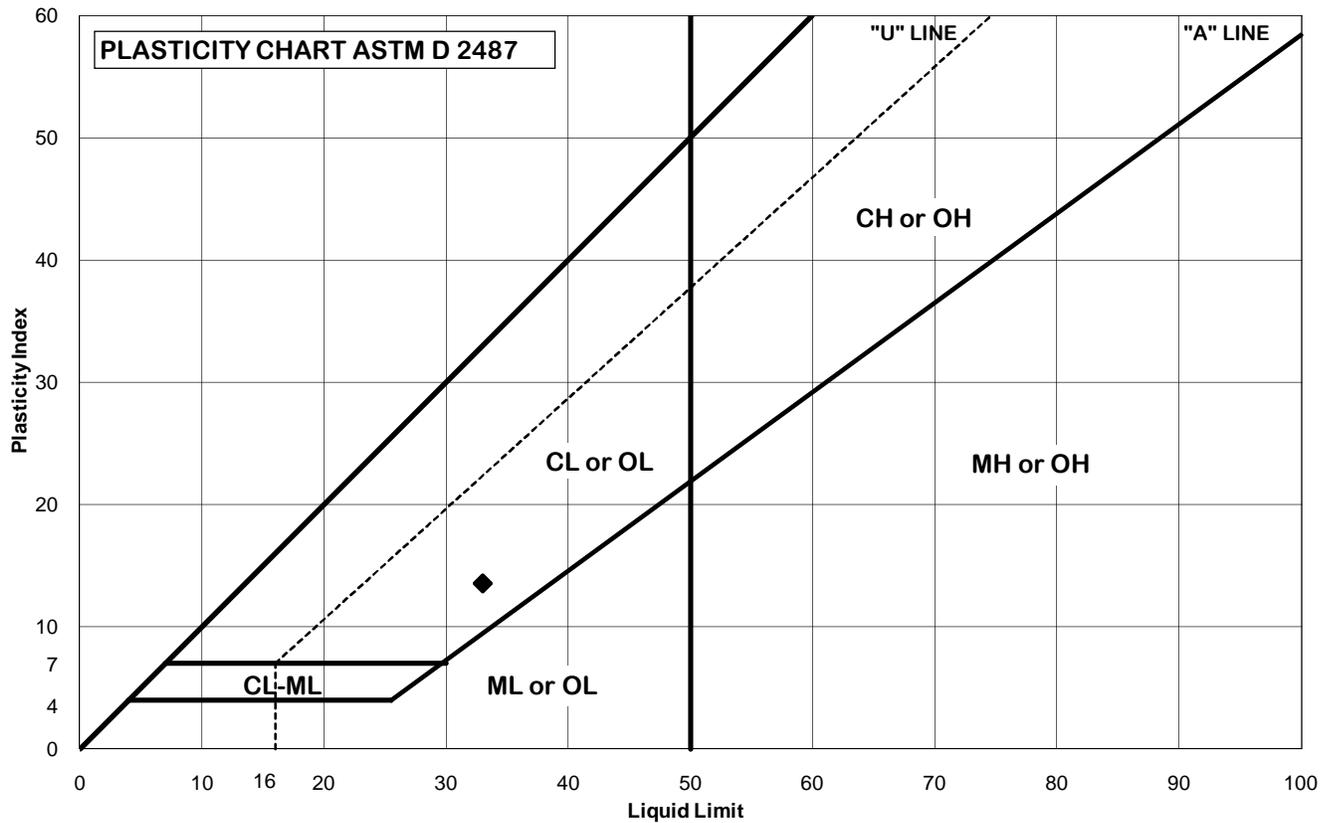
Liquid Limit =	40
Plastic Limit =	28
Plasticity Index =	12

Date:	6/8/2011
Tested By:	CL
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	12	Natural WC:	#DIV/0!
Depth, ft.	13-15	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray very silty clay (CL)		

Classification (fraction passing No. 40 sieve)

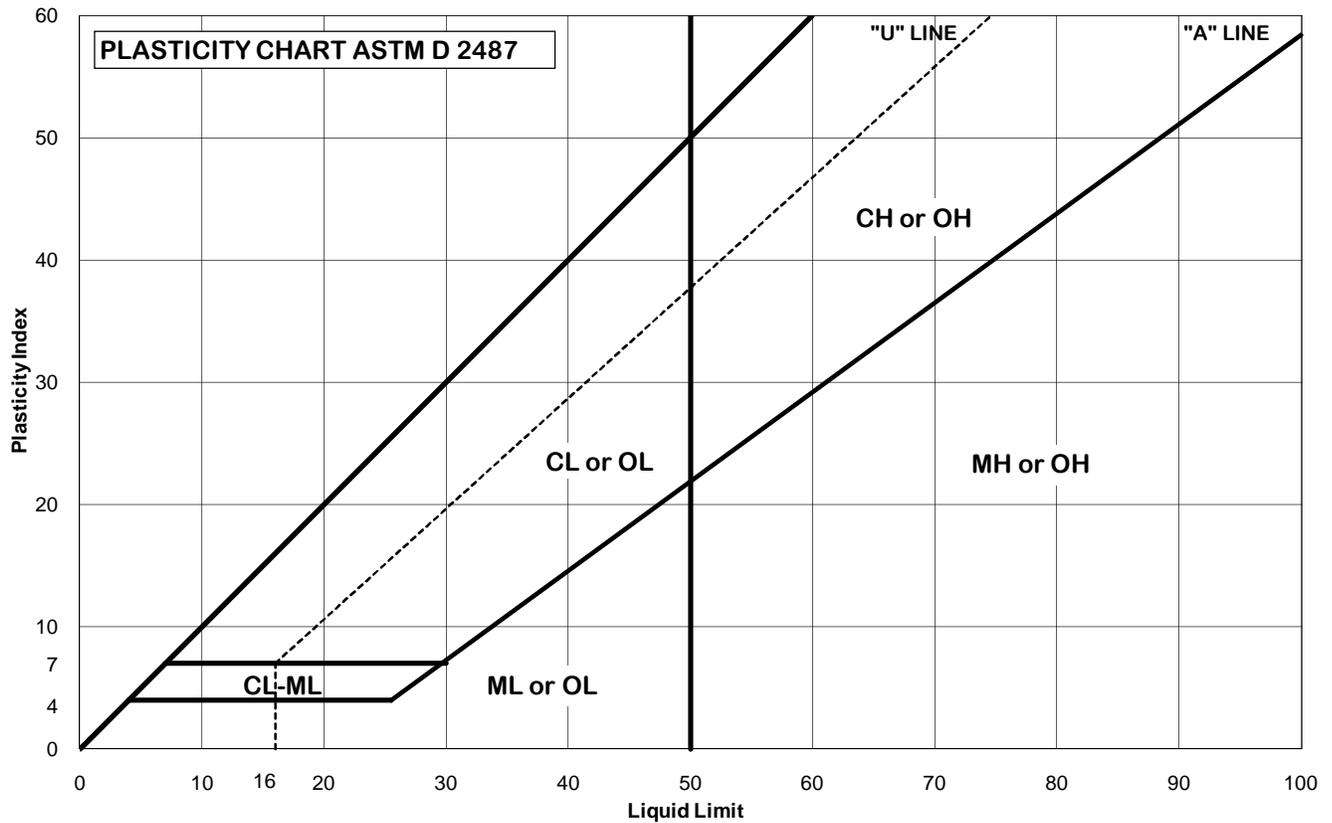
Liquid Limit =	33
Plastic Limit =	19
Plasticity Index =	14

Date:	6/7/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	12	Natural WC:	#DIV/0!
Depth, ft.	15-17	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray silty clay (CL)		

Classification (fraction passing No. 40 sieve)

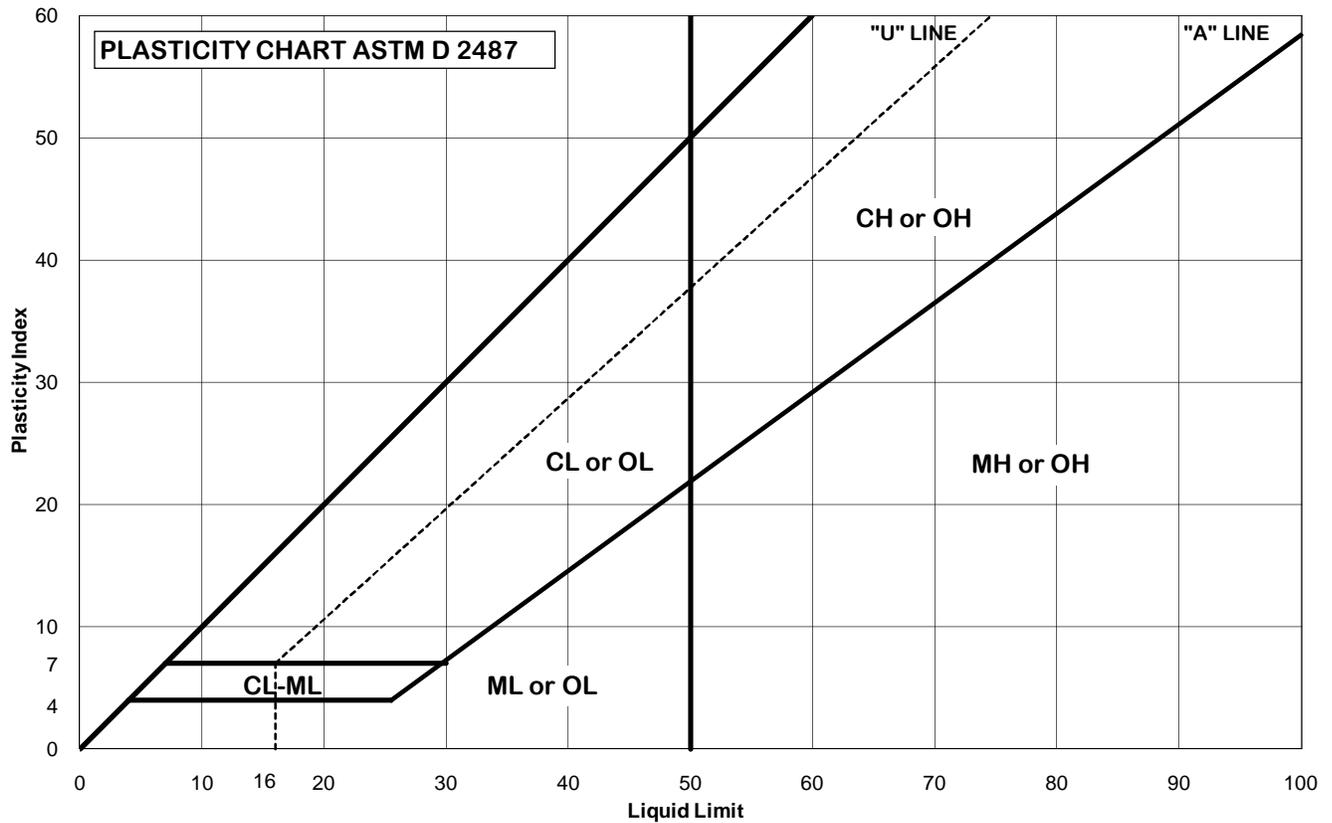
Liquid Limit =	99
Plastic Limit =	31
Plasticity Index =	67

Date:	6/7/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	12	Natural WC:	#DIV/0!
Depth, ft.	17-19	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

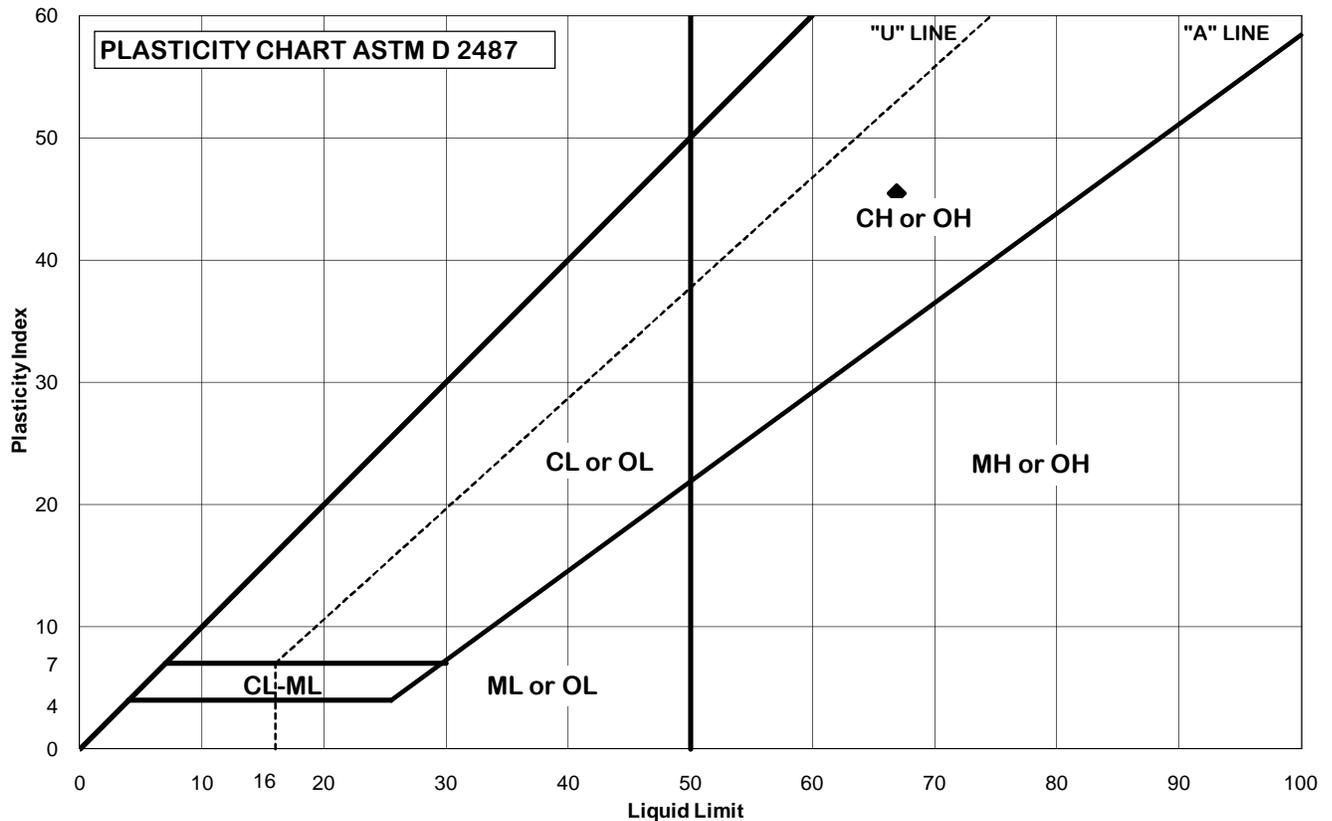
Liquid Limit =	112
Plastic Limit =	32
Plasticity Index =	79

Date:	6/7/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	12	Natural WC:	#DIV/0!
Depth, ft.	19-21	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

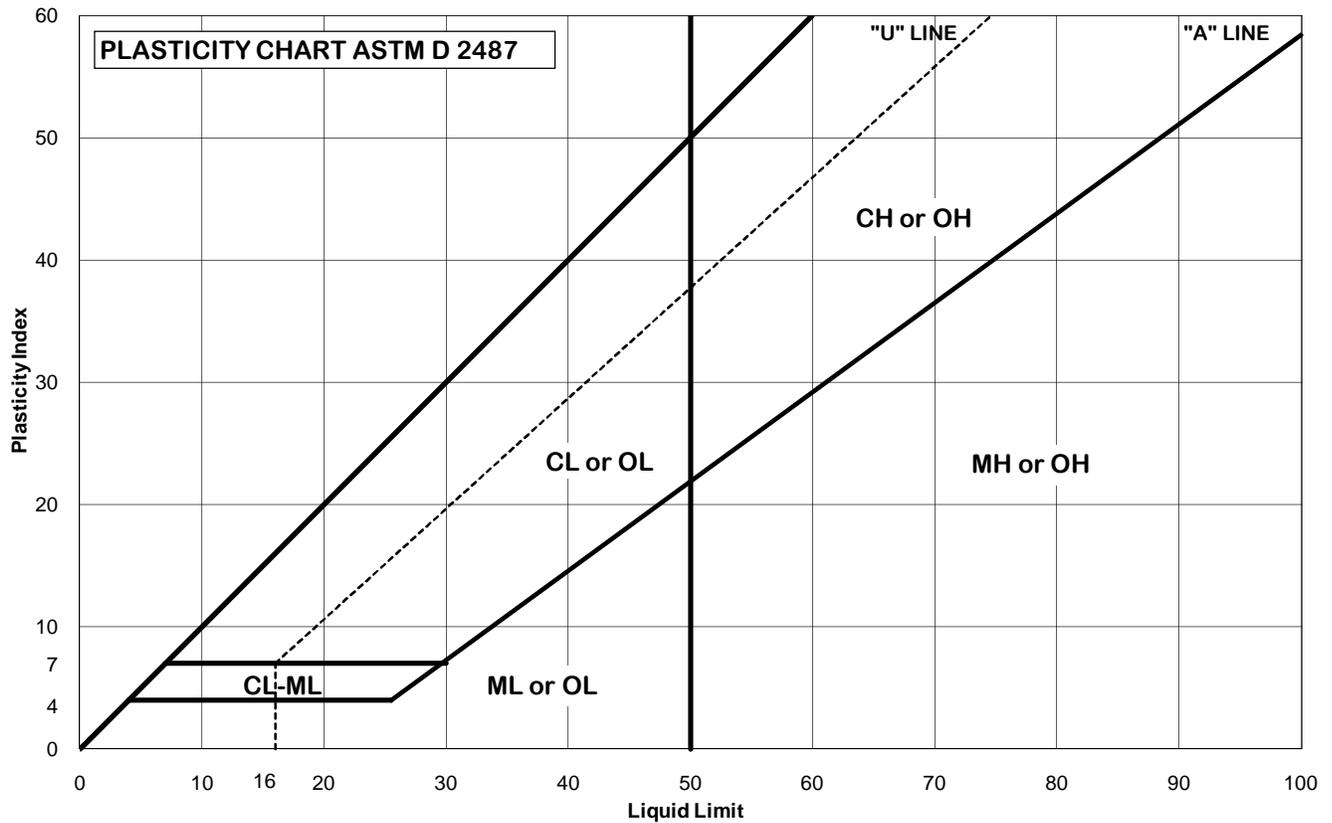
Liquid Limit =	67
Plastic Limit =	21
Plasticity Index =	45

Date:	6/7/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	12	Natural WC:	#DIV/0!
Depth, ft.	28-30	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

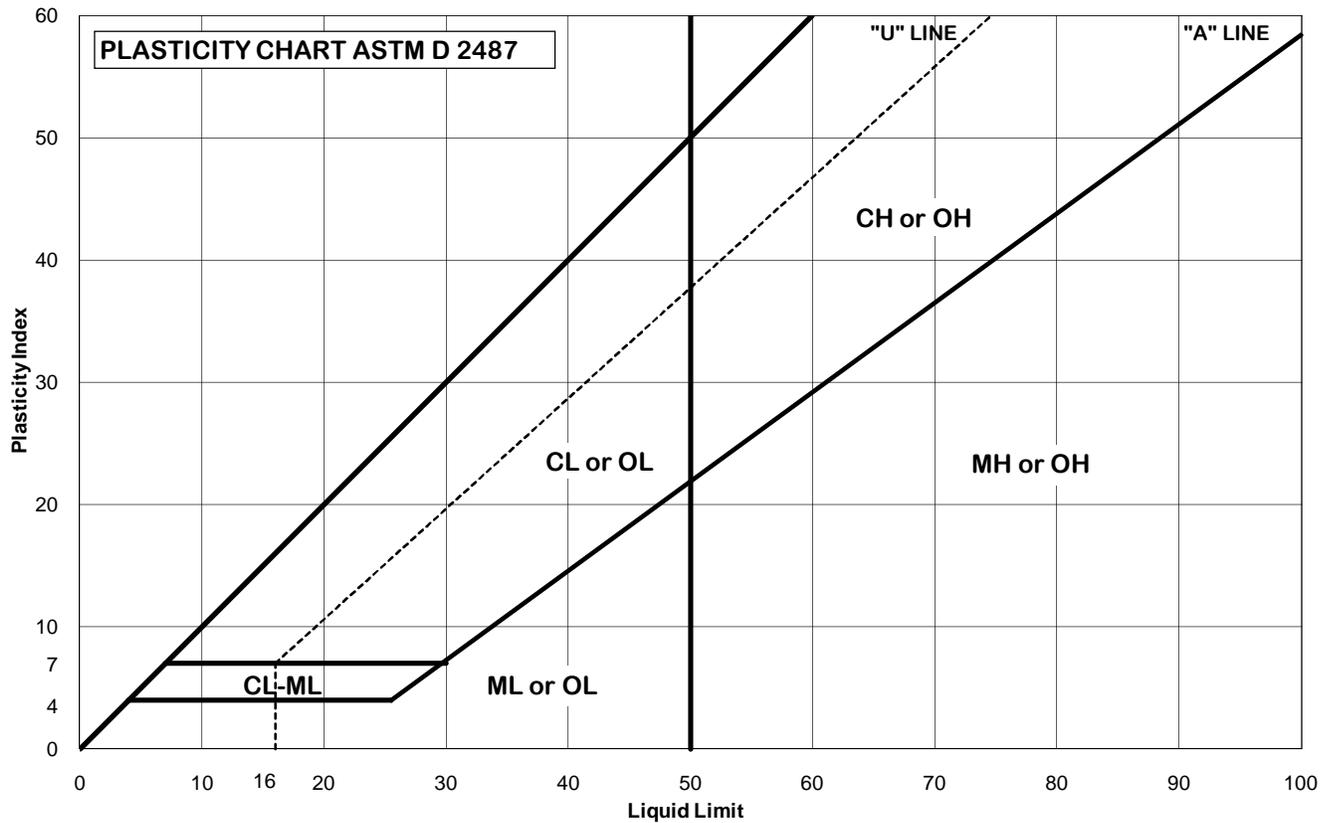
Liquid Limit =	104
Plastic Limit =	33
Plasticity Index =	72

Date:	6/7/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	12	Natural WC:	#DIV/0!
Depth, ft.	38-40	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with shells (CH)		

Classification (fraction passing No. 40 sieve)

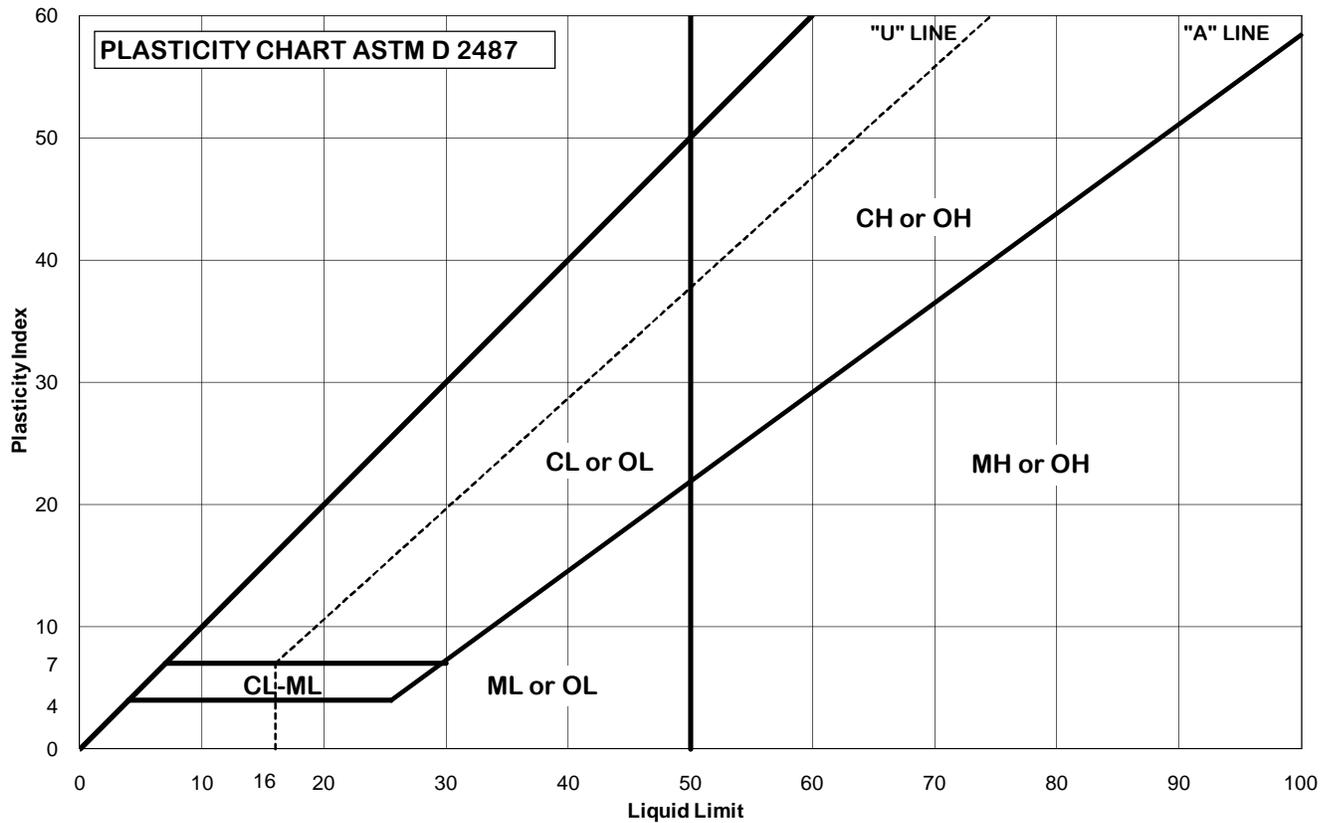
Liquid Limit =	118
Plastic Limit =	32
Plasticity Index =	86

Date:	6/6/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	12	Natural WC:	#DIV/0!
Depth, ft.	43-45	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with shells (CH)		

Classification (fraction passing No. 40 sieve)

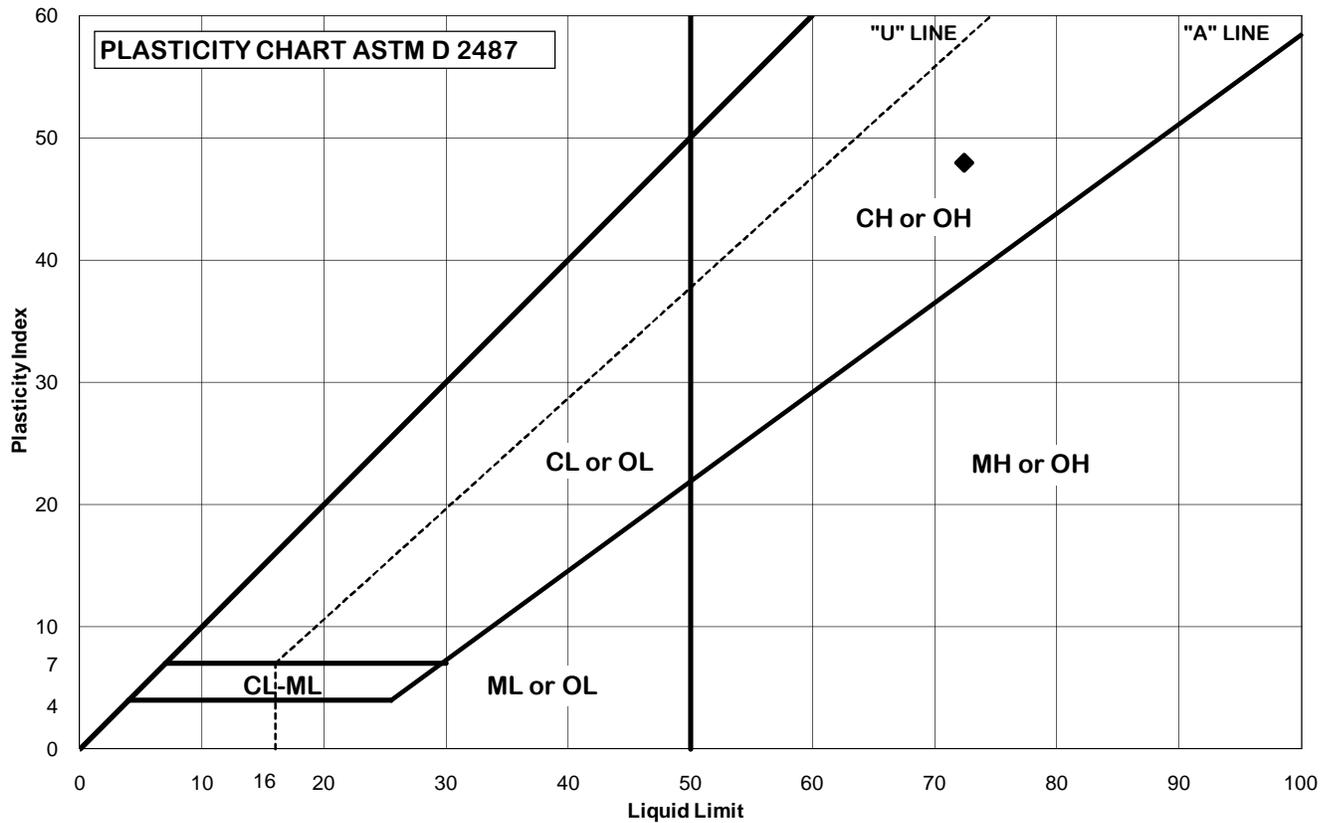
Liquid Limit =	115
Plastic Limit =	31
Plasticity Index =	84

Date:	6/7/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	13	Natural WC:	#DIV/0!
Depth, ft.	4-6	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

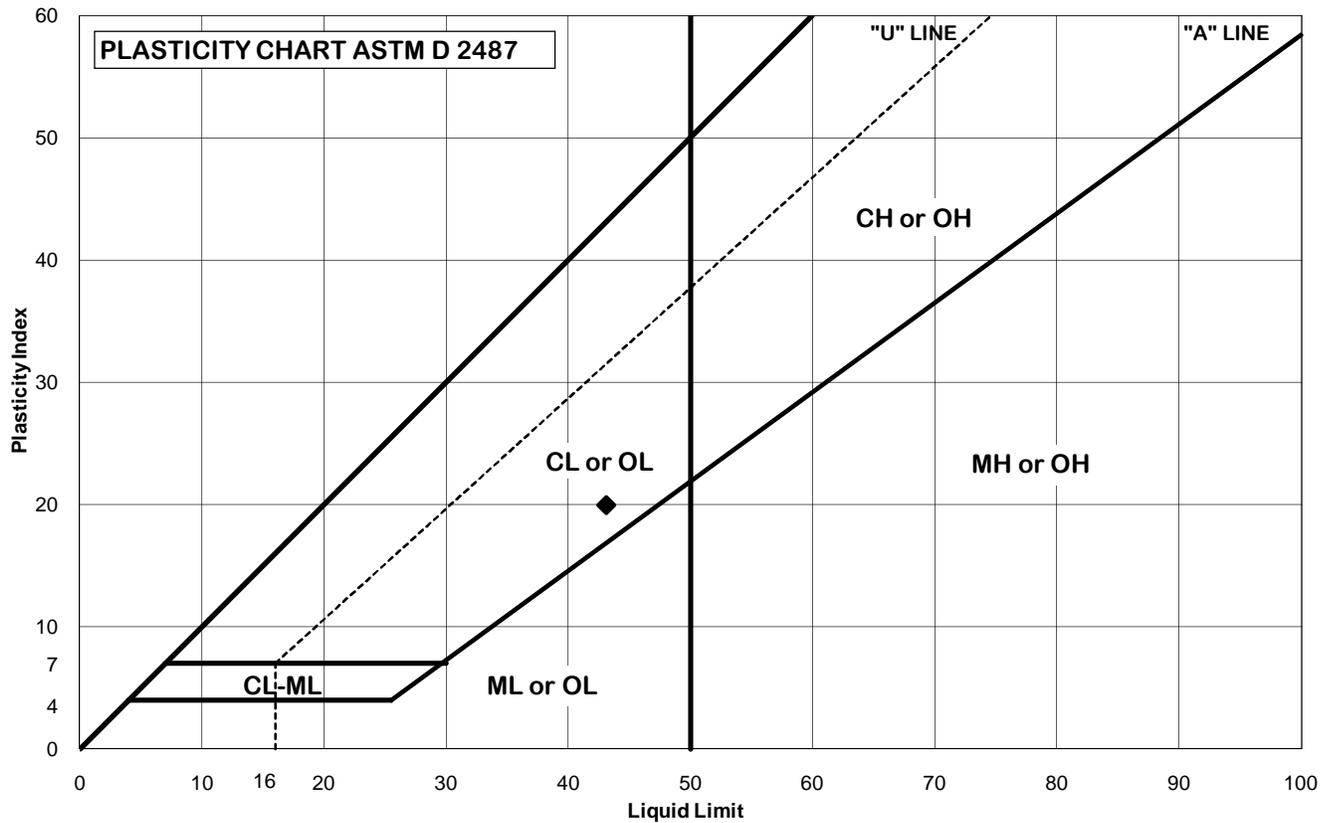
Liquid Limit =	72
Plastic Limit =	24
Plasticity Index =	48

Date:	6/7/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	13	Natural WC:	#DIV/0!
Depth, ft.	8-10	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with silt (CL)		

Classification (fraction passing No. 40 sieve)

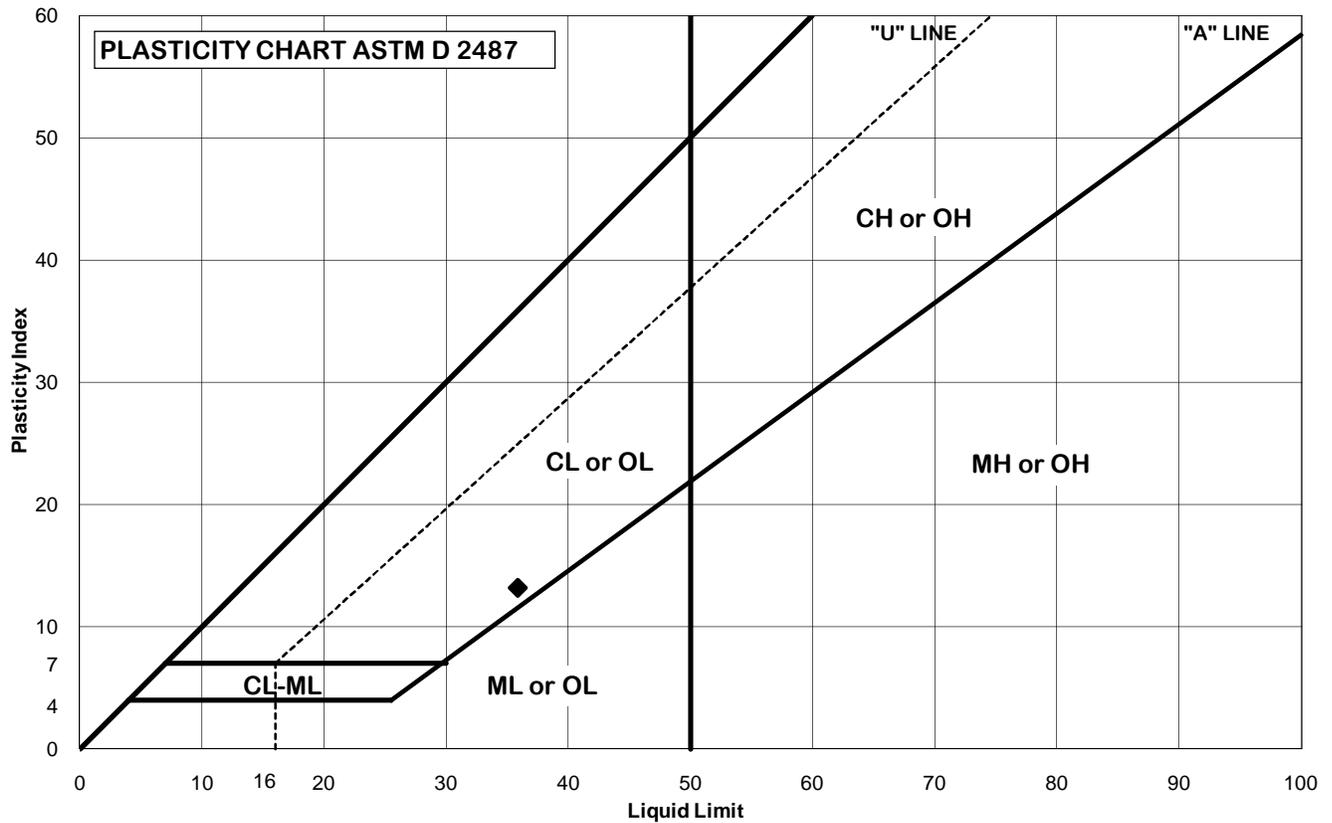
Liquid Limit =	43
Plastic Limit =	23
Plasticity Index =	20

Date:	6/8/2011
Tested By:	CB
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	13	Natural WC:	#DIV/0!
Depth, ft.	10-12	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray silty clay (CL)		

Classification (fraction passing No. 40 sieve)

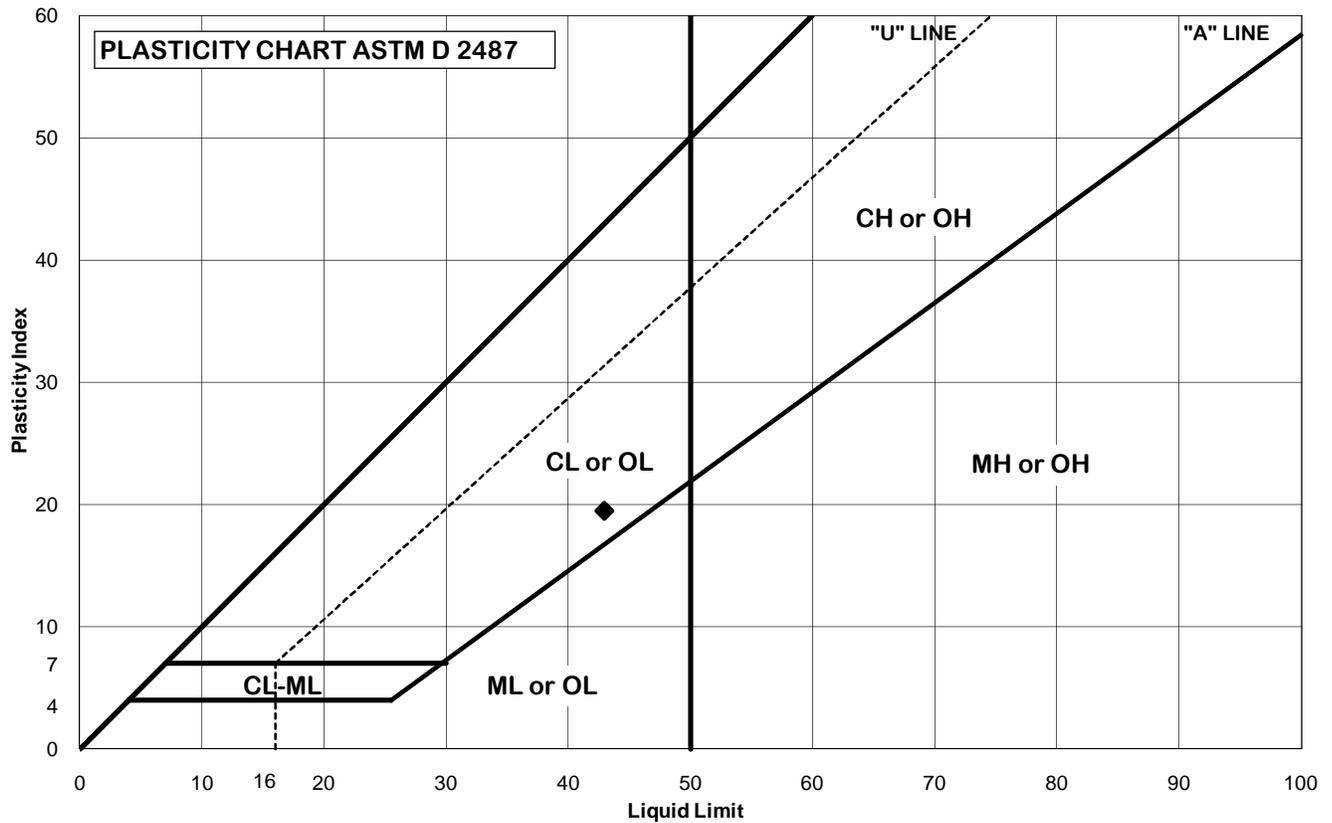
Liquid Limit =	36
Plastic Limit =	23
Plasticity Index =	13

Date:	6/8/2011
Tested By:	CL/CB
Checked By:	DAS

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	13	Natural WC:	#DIV/0!
Depth, ft.	12-14	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with silt (CL)		

Classification (fraction passing No. 40 sieve)

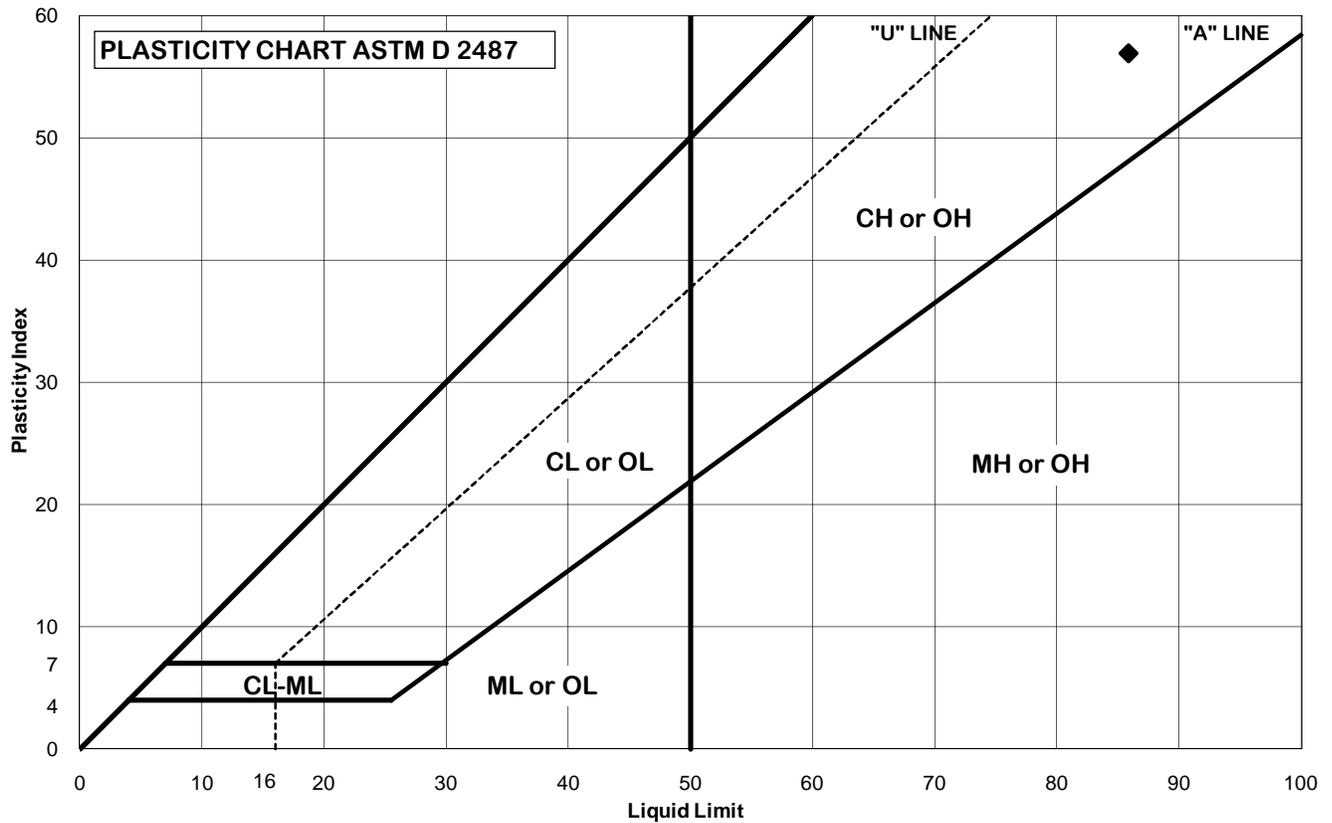
Liquid Limit =	43
Plastic Limit =	23
Plasticity Index =	19

Date:	6/8/2011
Tested By:	CB
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	13	Natural WC:	#DIV/0!
Depth, ft.	14-16	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

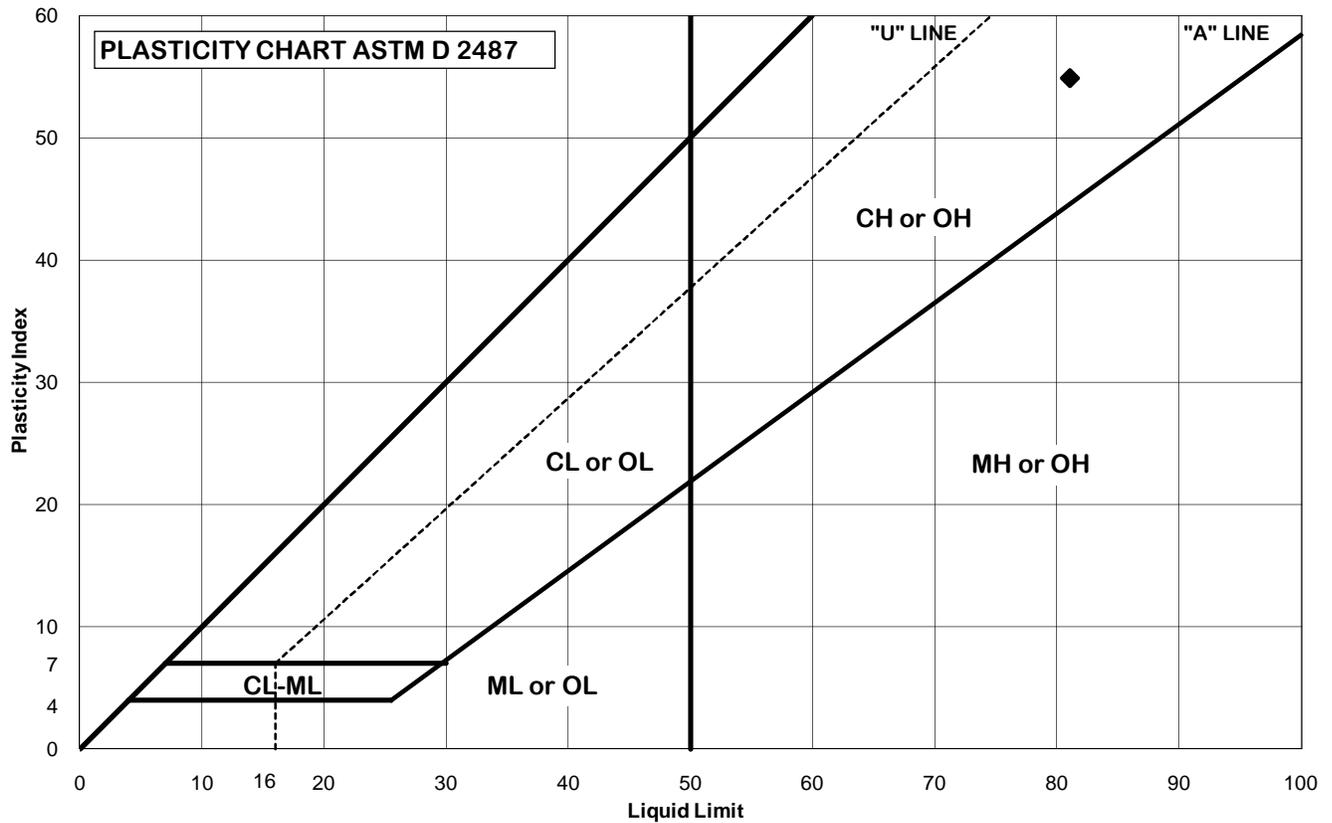
Liquid Limit =	86
Plastic Limit =	29
Plasticity Index =	57

Date:	6/20/2011
Tested By:	BH
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	13	Natural WC:	#DIV/0!
Depth, ft.	16-18	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

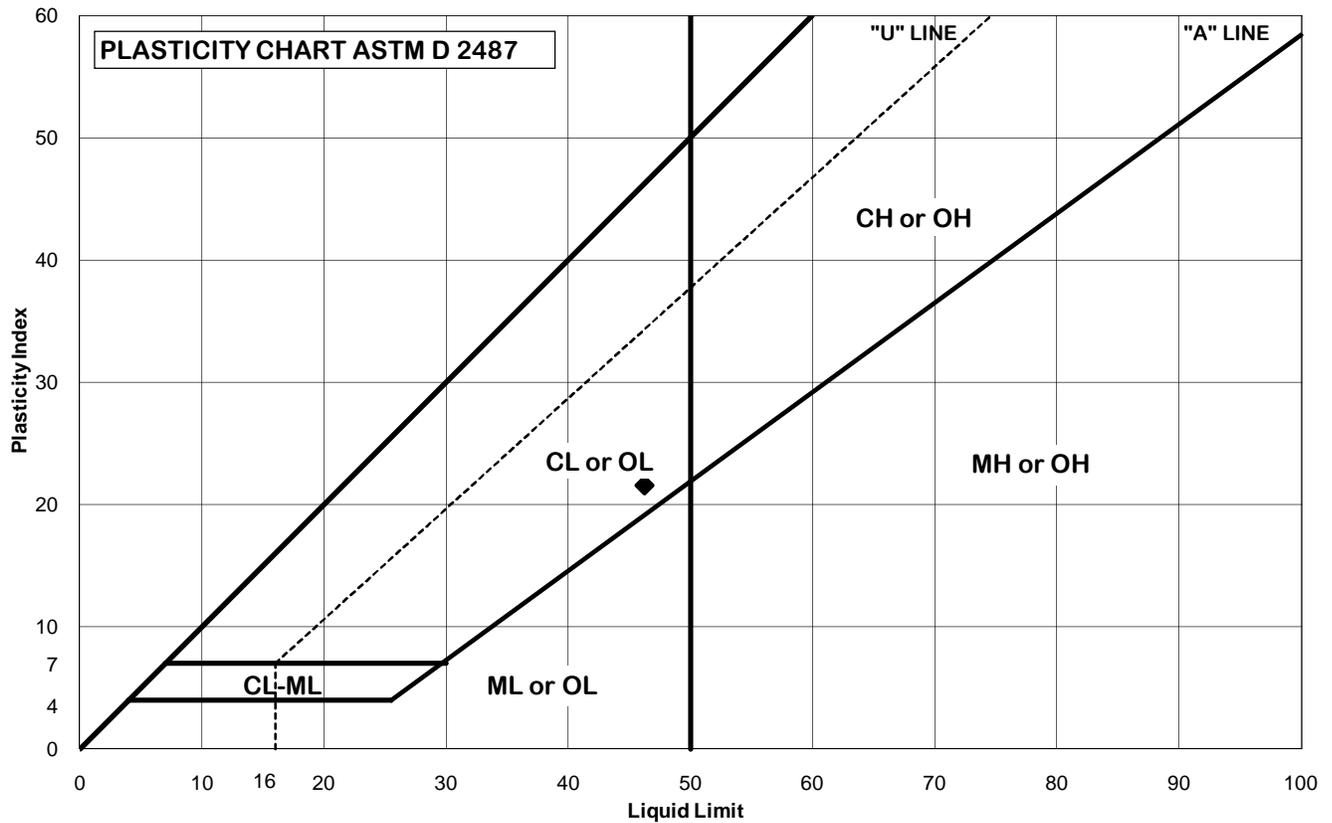
Liquid Limit =	81
Plastic Limit =	26
Plasticity Index =	55

Date:	6/8/2011
Tested By:	CL
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	13	Natural WC:	#DIV/0!
Depth, ft.	18-20	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with silt (CL)		

Classification (fraction passing No. 40 sieve)

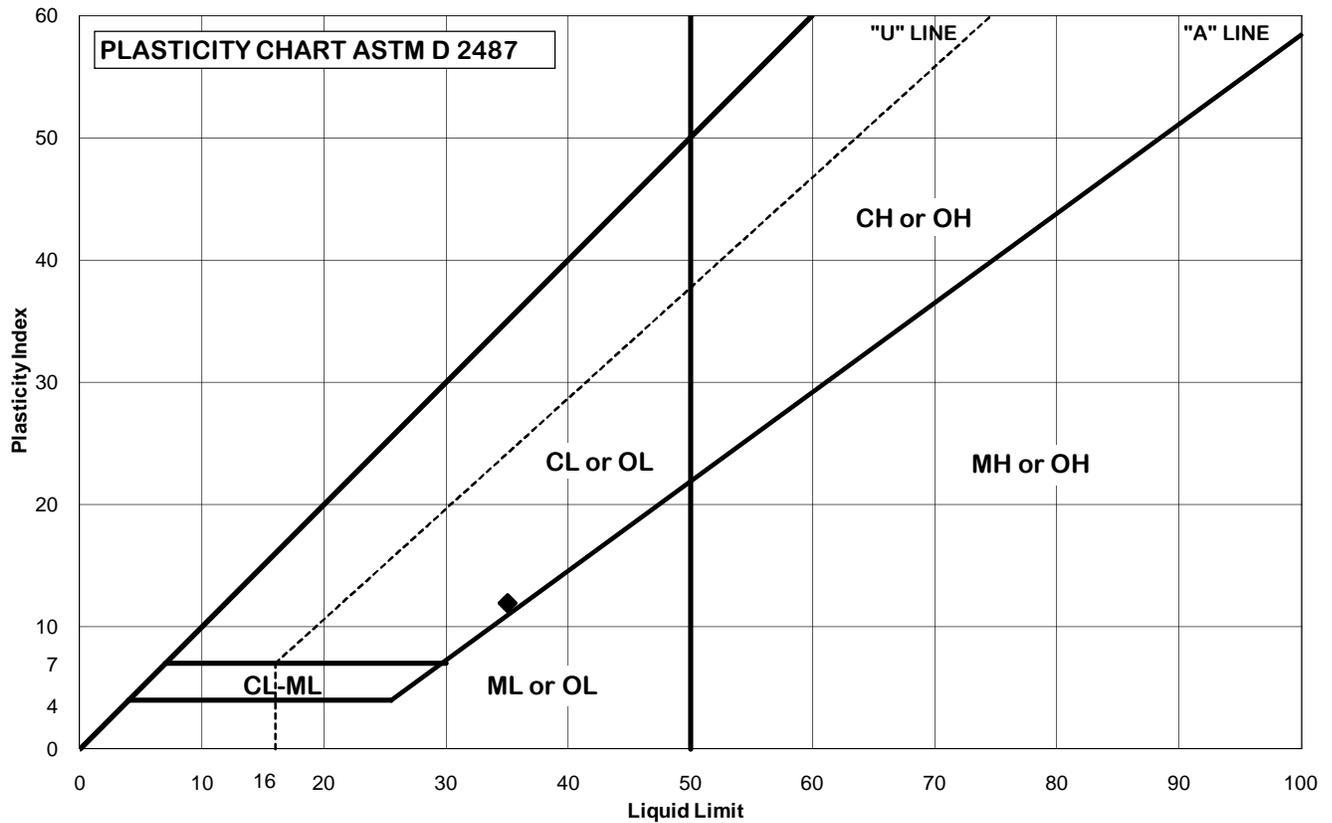
Liquid Limit =	46
Plastic Limit =	25
Plasticity Index =	22

Date:	6/8/2011
Tested By:	CB
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	13	Natural WC:	#DIV/0!
Depth, ft.	20-22	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray silty clay (CL)		

Classification (fraction passing No. 40 sieve)

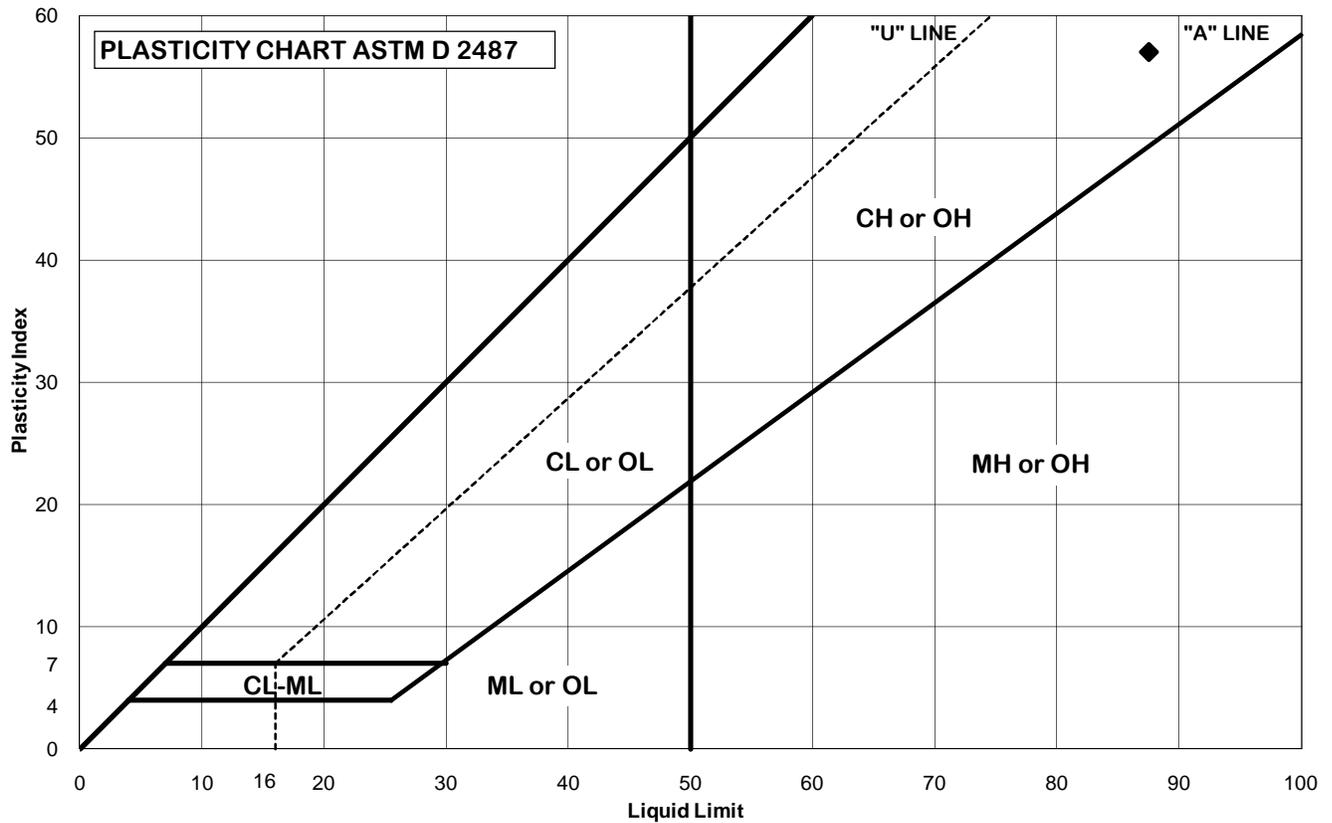
Liquid Limit =	35
Plastic Limit =	23
Plasticity Index =	12

Date:	6/8/2011
Tested By:	CL
Checked By:	DAS

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	13	Natural WC:	#DIV/0!
Depth, ft.	27-29	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

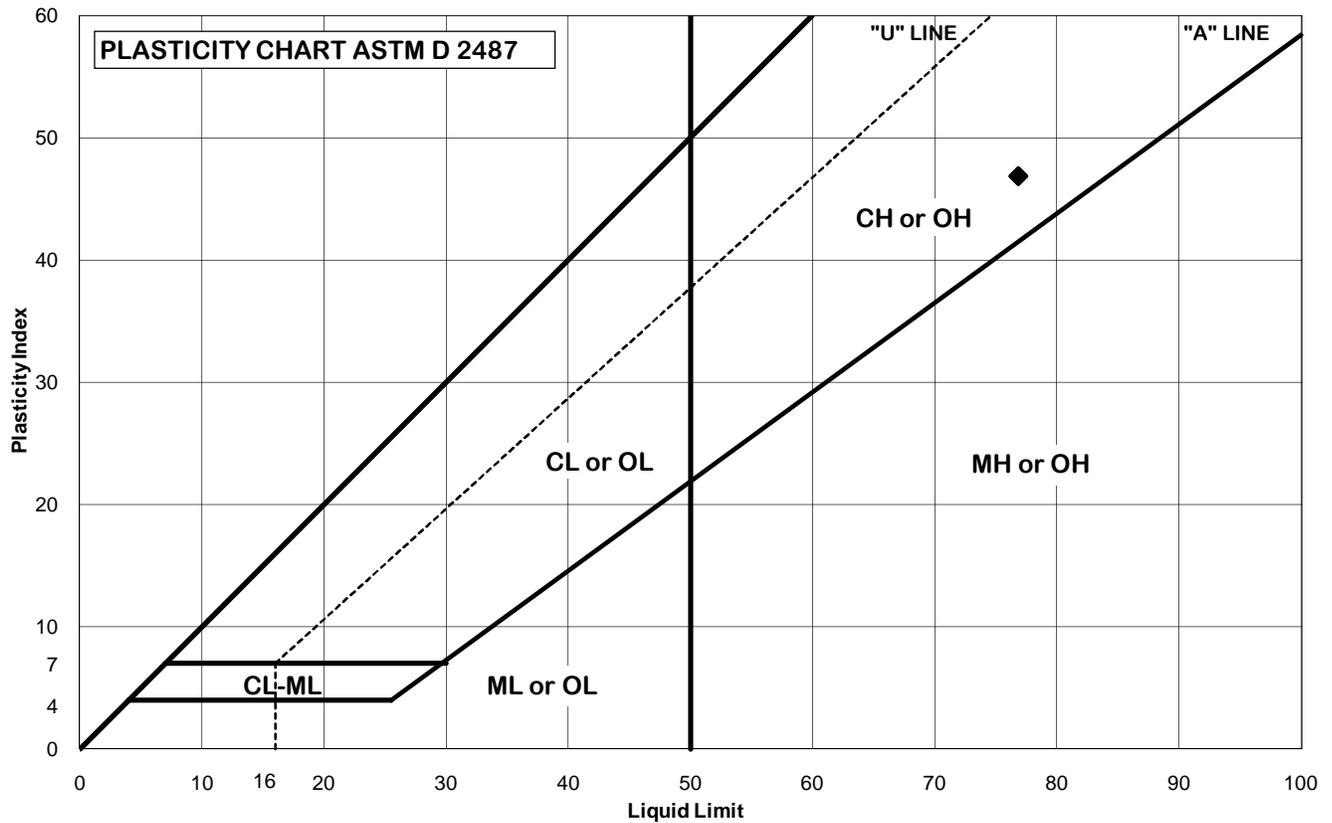
Liquid Limit =	88
Plastic Limit =	31
Plasticity Index =	57

Date:	6/3/2011
Tested By:	MJK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	13	Natural WC:	#DIV/0!
Depth, ft.	37-39	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

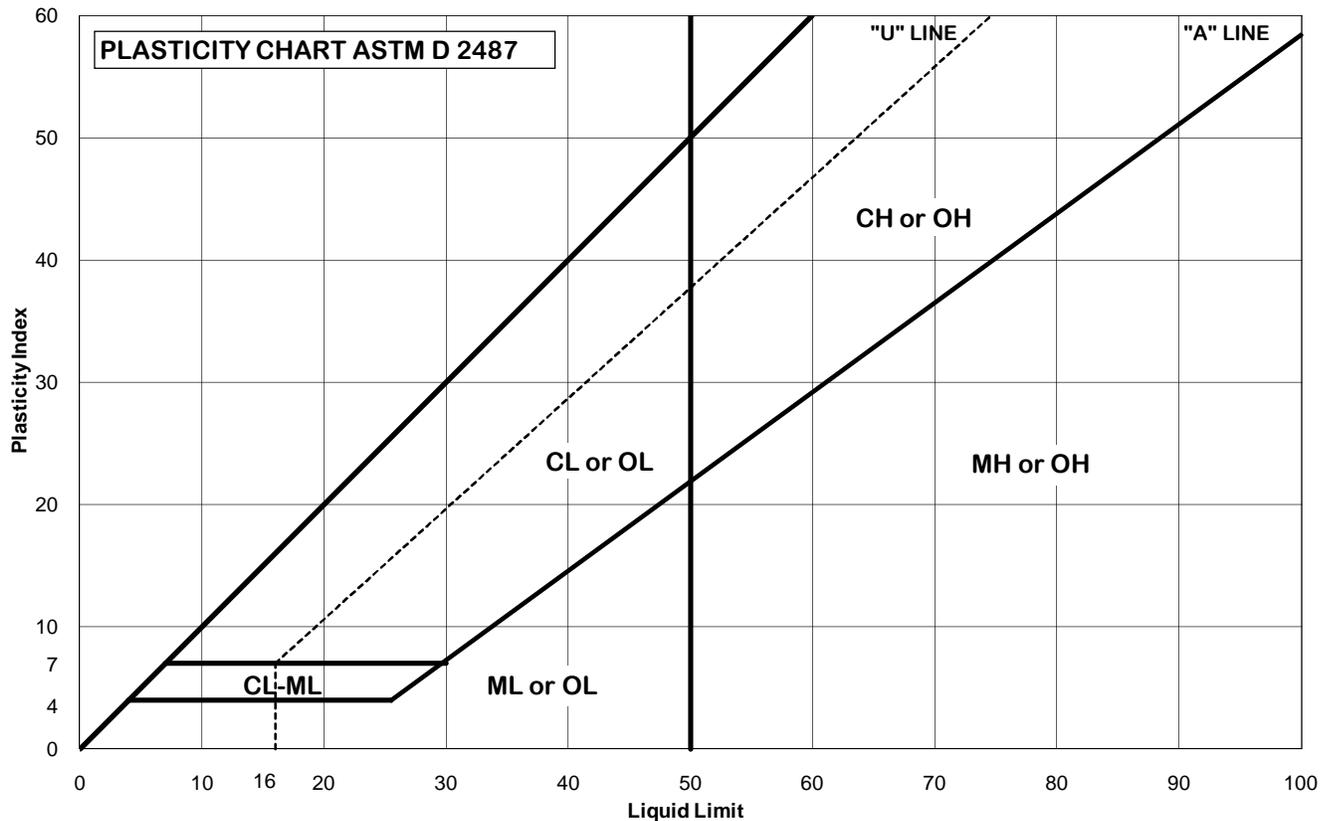
Liquid Limit =	77
Plastic Limit =	30
Plasticity Index =	47

Date:	6/8/2011
Tested By:	CB
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	14	Natural WC:	#DIV/0!
Depth, ft.	4-6	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray clay (CH)		

Classification (fraction passing No. 40 sieve)

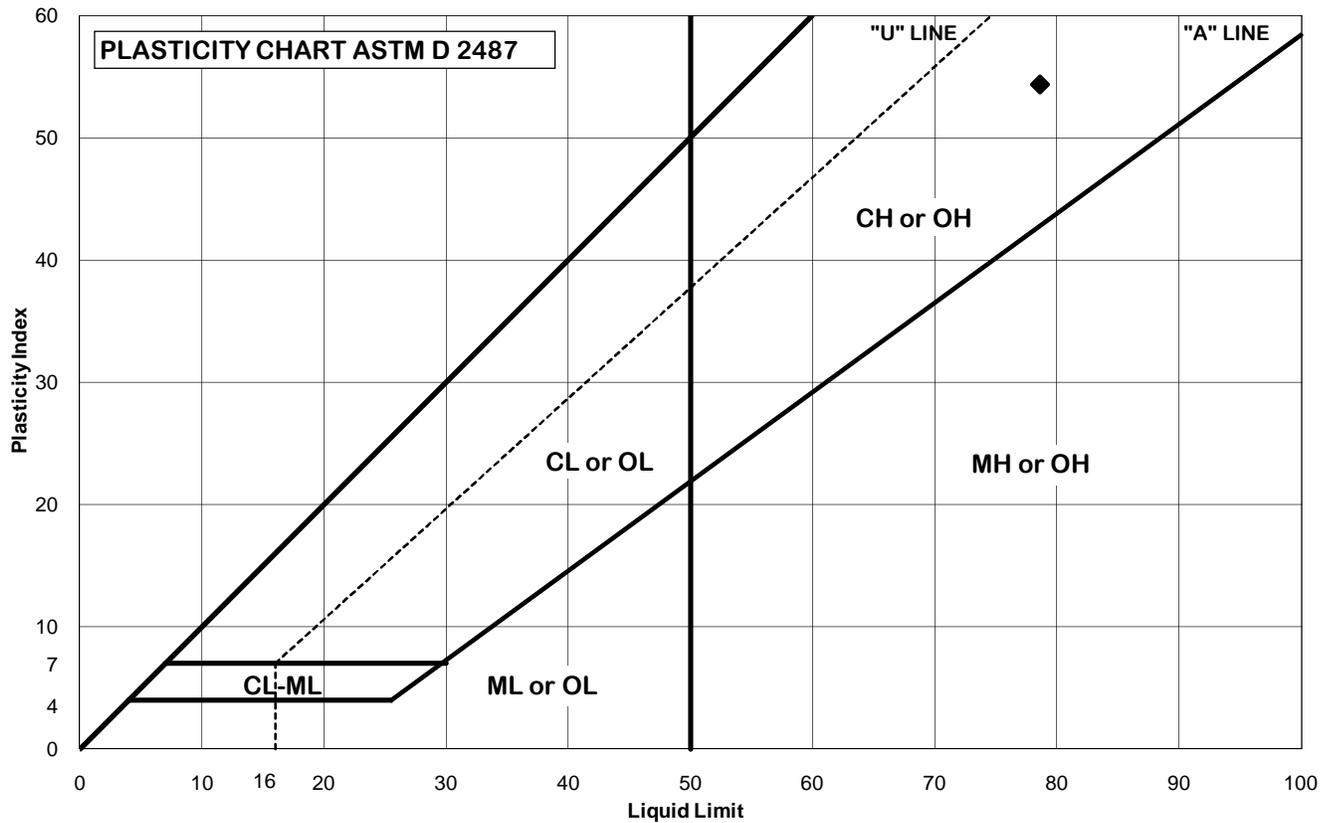
Liquid Limit =	99
Plastic Limit =	28
Plasticity Index =	71

Date:	6/7/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	14	Natural WC:	#DIV/0!
Depth, ft.	6-8	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray clay (CH)		

Classification (fraction passing No. 40 sieve)

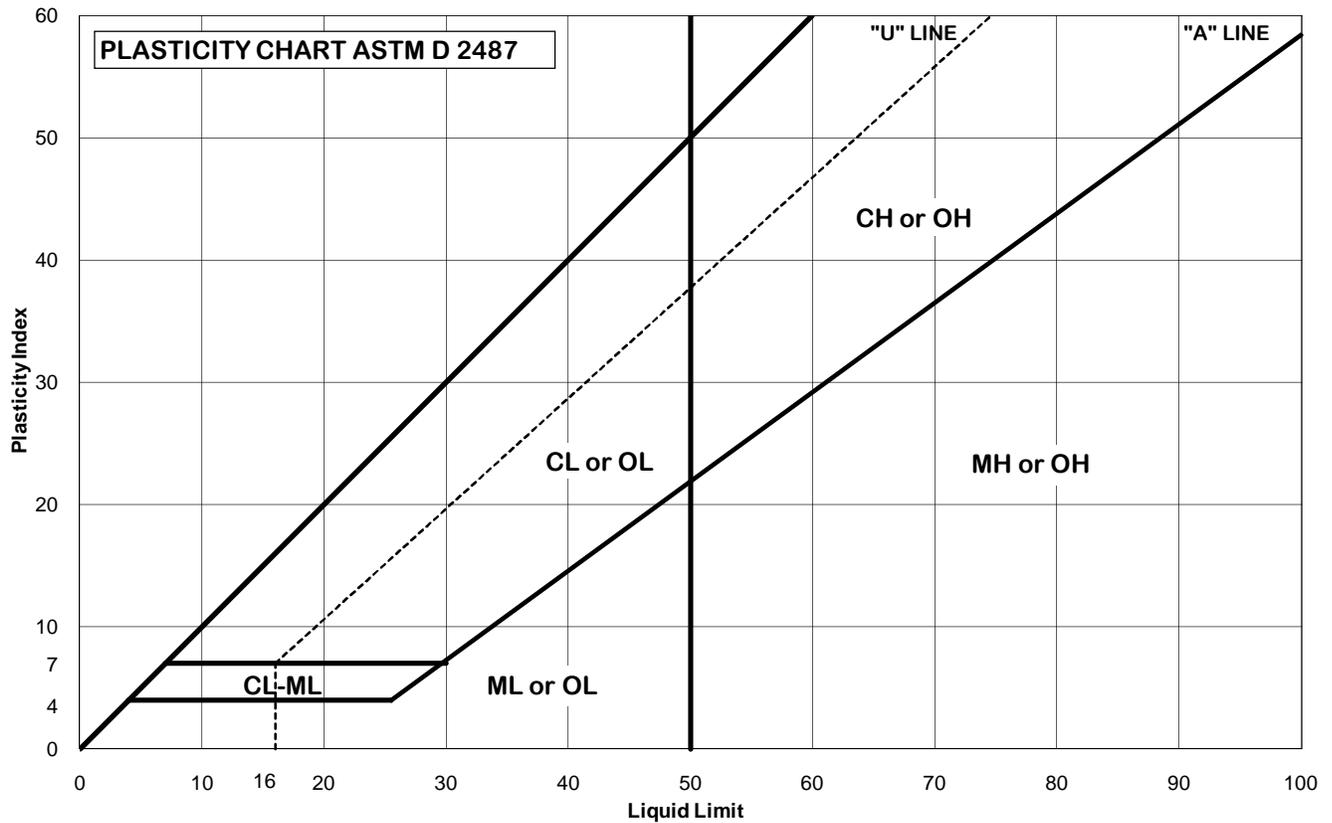
Liquid Limit =	79
Plastic Limit =	24
Plasticity Index =	54

Date:	6/7/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	14	Natural WC:	#DIV/0!
Depth, ft.	10-12	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

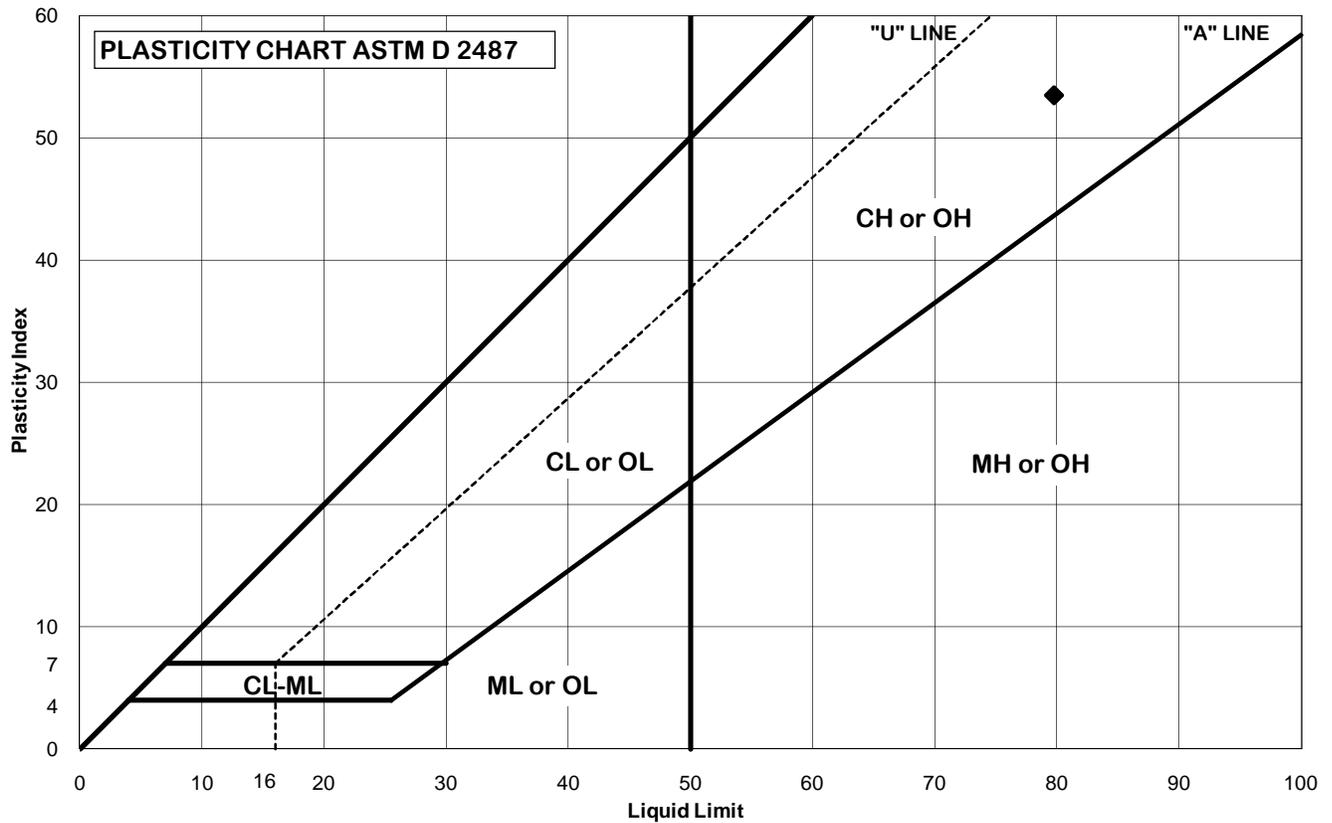
Liquid Limit =	143
Plastic Limit =	44
Plasticity Index =	99

Date:	6/13/2011
Tested By:	BH/TJS
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	14	Natural WC:	#DIV/0!
Depth, ft.	12-14	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

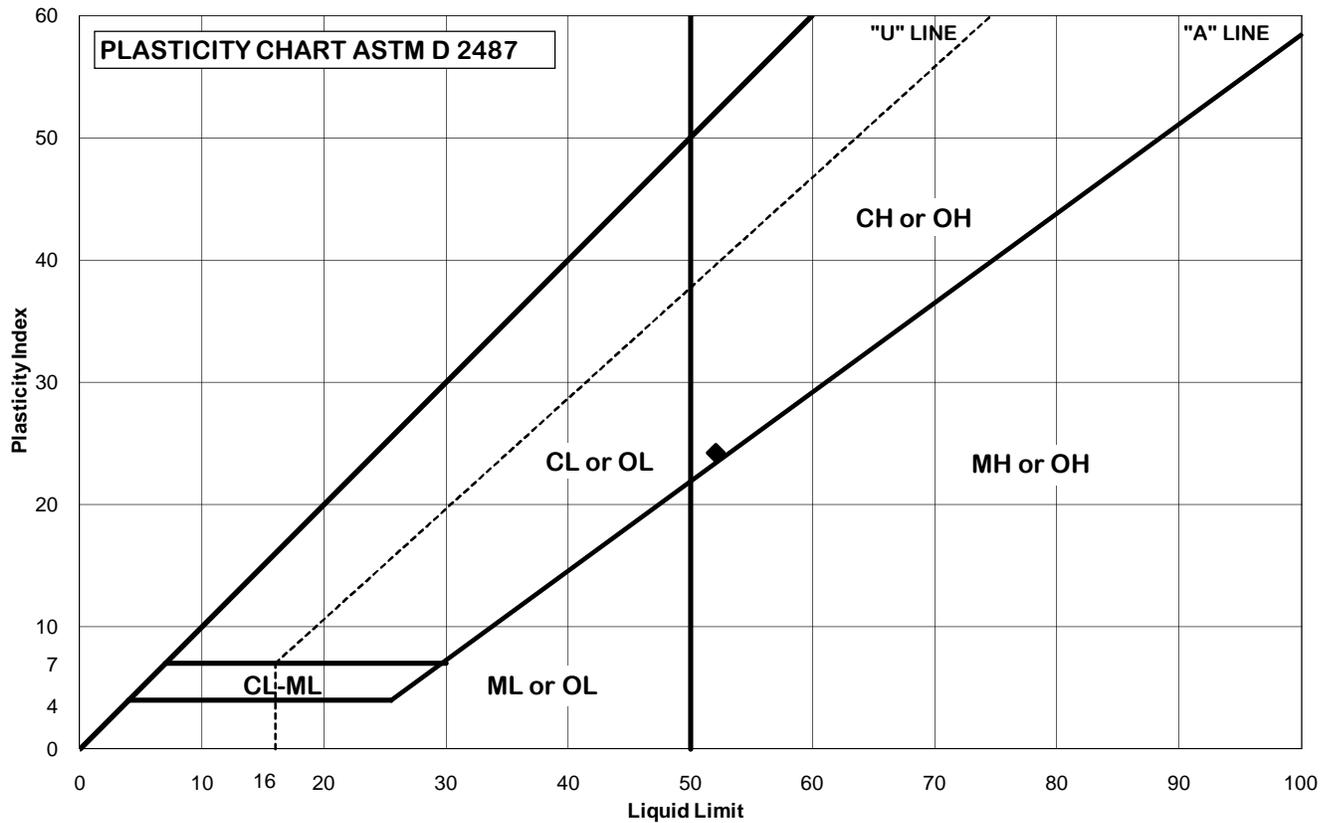
Liquid Limit =	80
Plastic Limit =	26
Plasticity Index =	53

Date:	6/7/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	14	Natural WC:	#DIV/0!
Depth, ft.	14-16	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

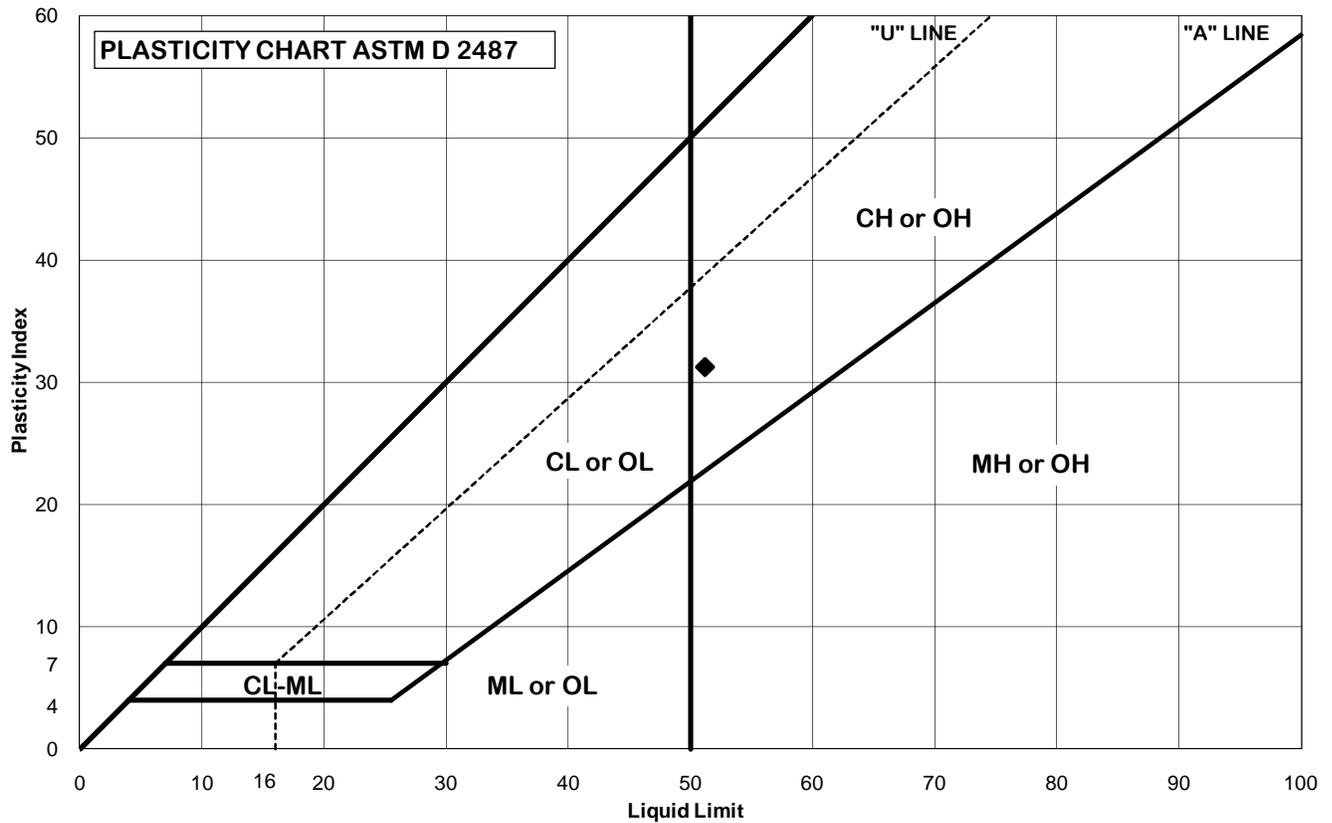
Liquid Limit =	52
Plastic Limit =	28
Plasticity Index =	24

Date:	6/8/2011
Tested By:	CL
Checked By:	DAS

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	14	Natural WC:	#DIV/0!
Depth, ft.	16-18	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

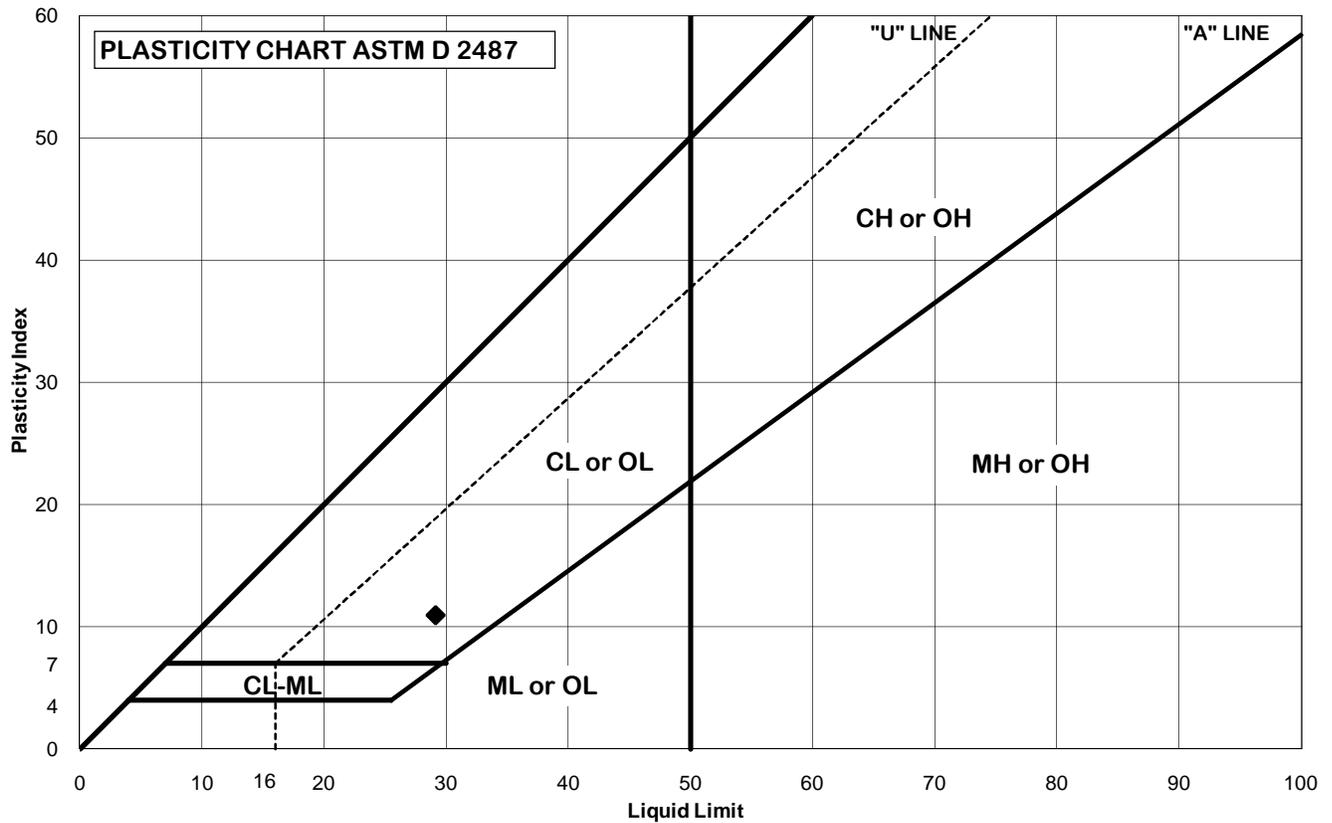
Liquid Limit =	51
Plastic Limit =	20
Plasticity Index =	31

Date:	6/7/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	14	Natural WC:	#DIV/0!
Depth, ft.	18-20	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray very sandy clay (CL)		

Classification (fraction passing No. 40 sieve)

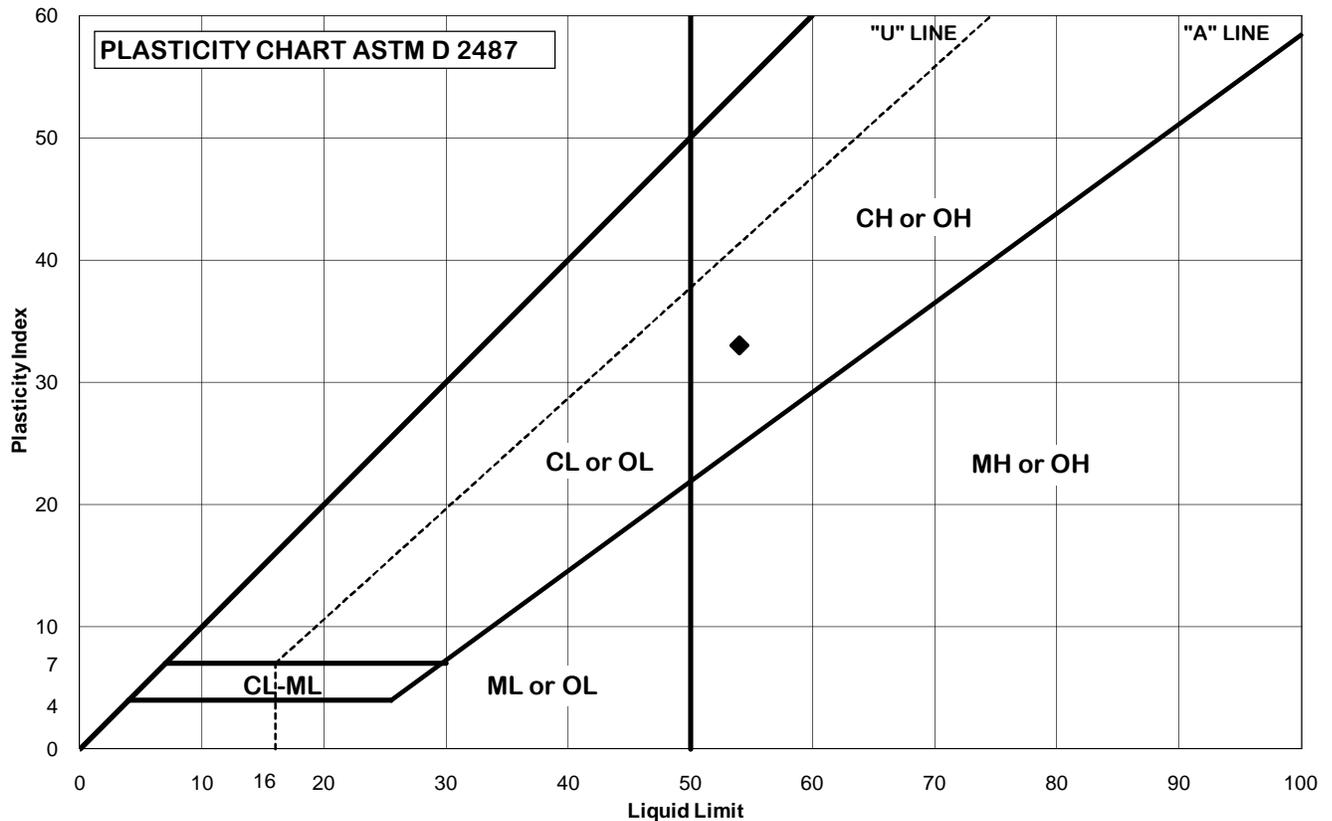
Liquid Limit =	29
Plastic Limit =	18
Plasticity Index =	11

Date:	6/6/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	14	Natural WC:	#DIV/0!
Depth, ft.	22-24	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

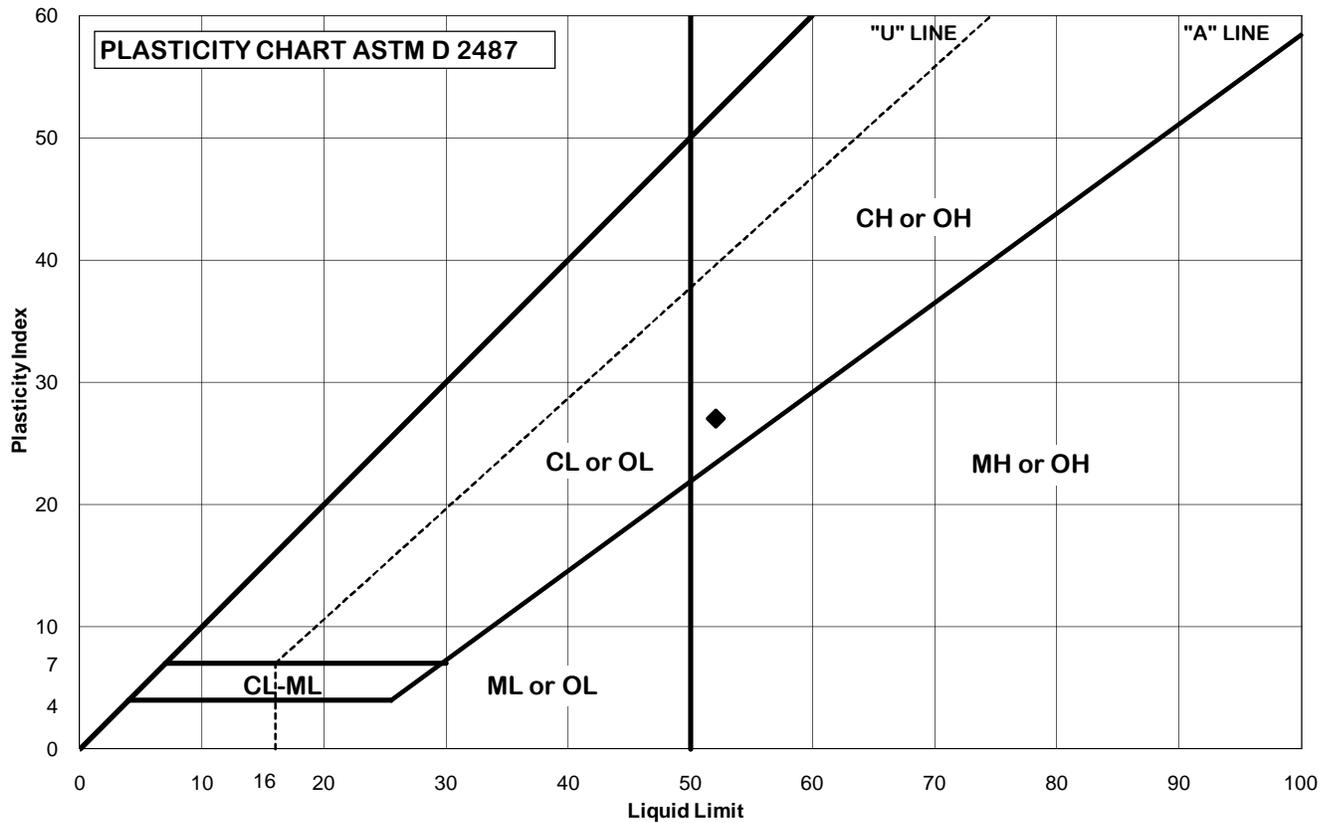
Liquid Limit =	54
Plastic Limit =	21
Plasticity Index =	33

Date:	6/7/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	14	Natural WC:	#DIV/0!
Depth, ft.	27-29	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

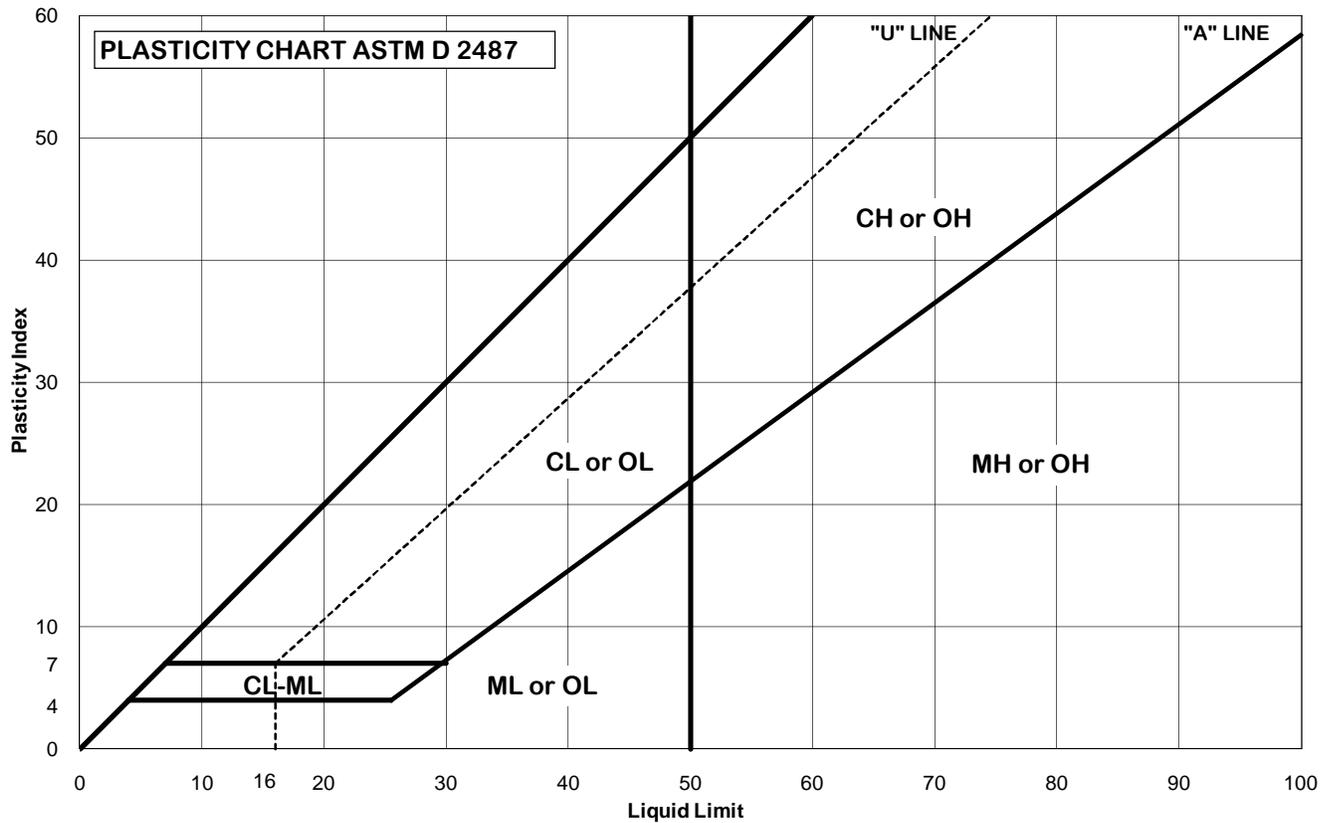
Liquid Limit =	52
Plastic Limit =	25
Plasticity Index =	27

Date:	6/8/2011
Tested By:	CL/CB
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	14	Natural WC:	#DIV/0!
Depth, ft.	32-34	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

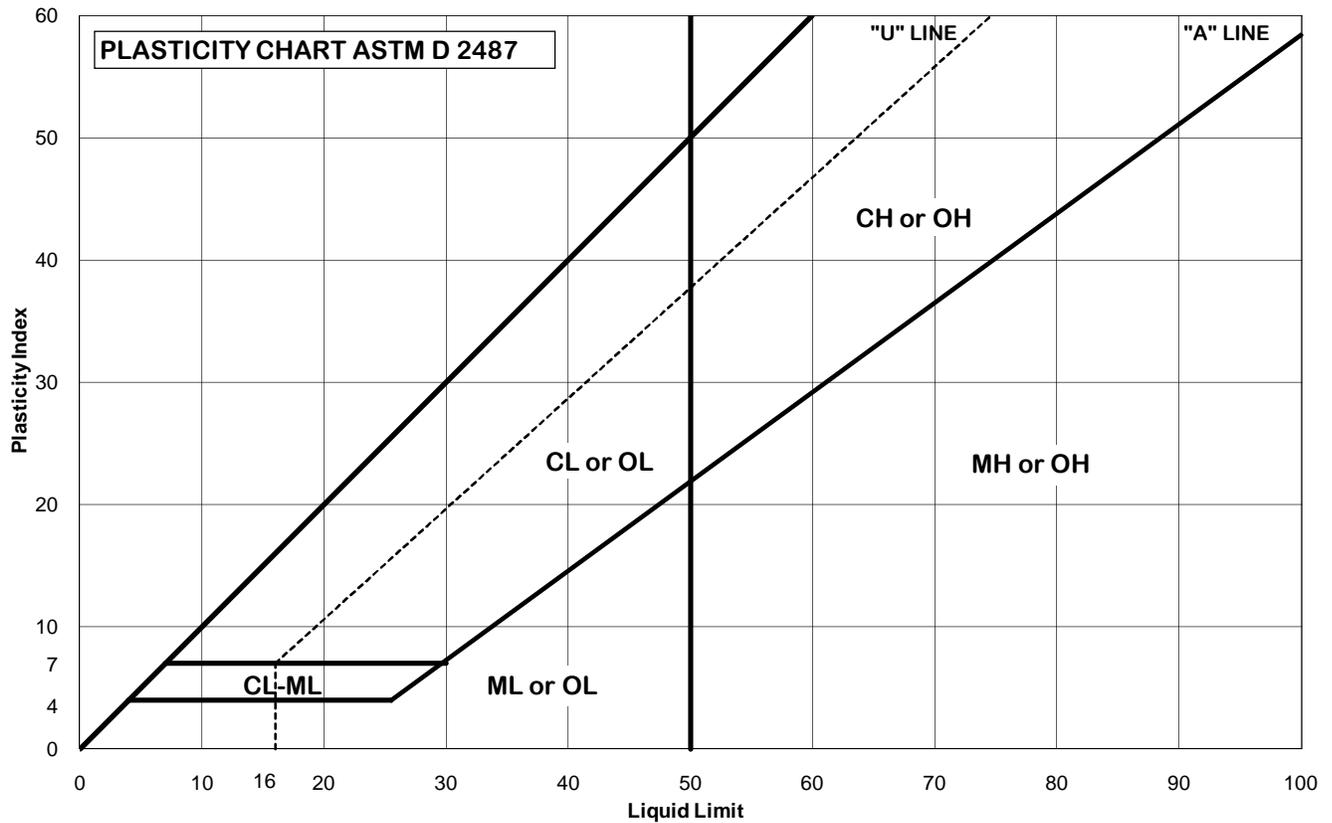
Liquid Limit =	65
Plastic Limit =	22
Plasticity Index =	43

Date:	6/6/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	14	Natural WC:	#DIV/0!
Depth, ft.	37-39	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

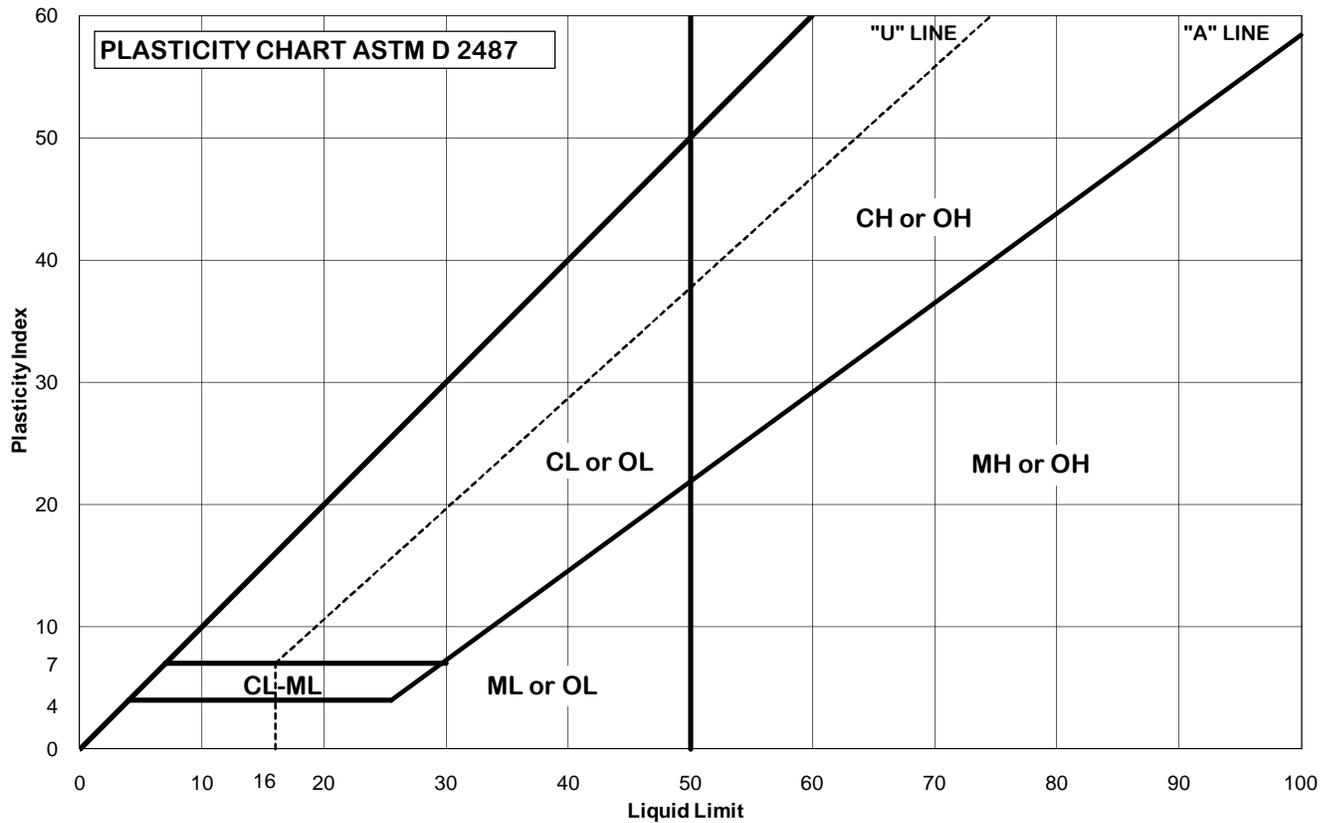
Liquid Limit =	119
Plastic Limit =	34
Plasticity Index =	84

Date:	6/6/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	15	Natural WC:	#DIV/0!
Depth, ft.	13-15	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray silty clay with shell fragments (CL)		

Classification (fraction passing No. 40 sieve)

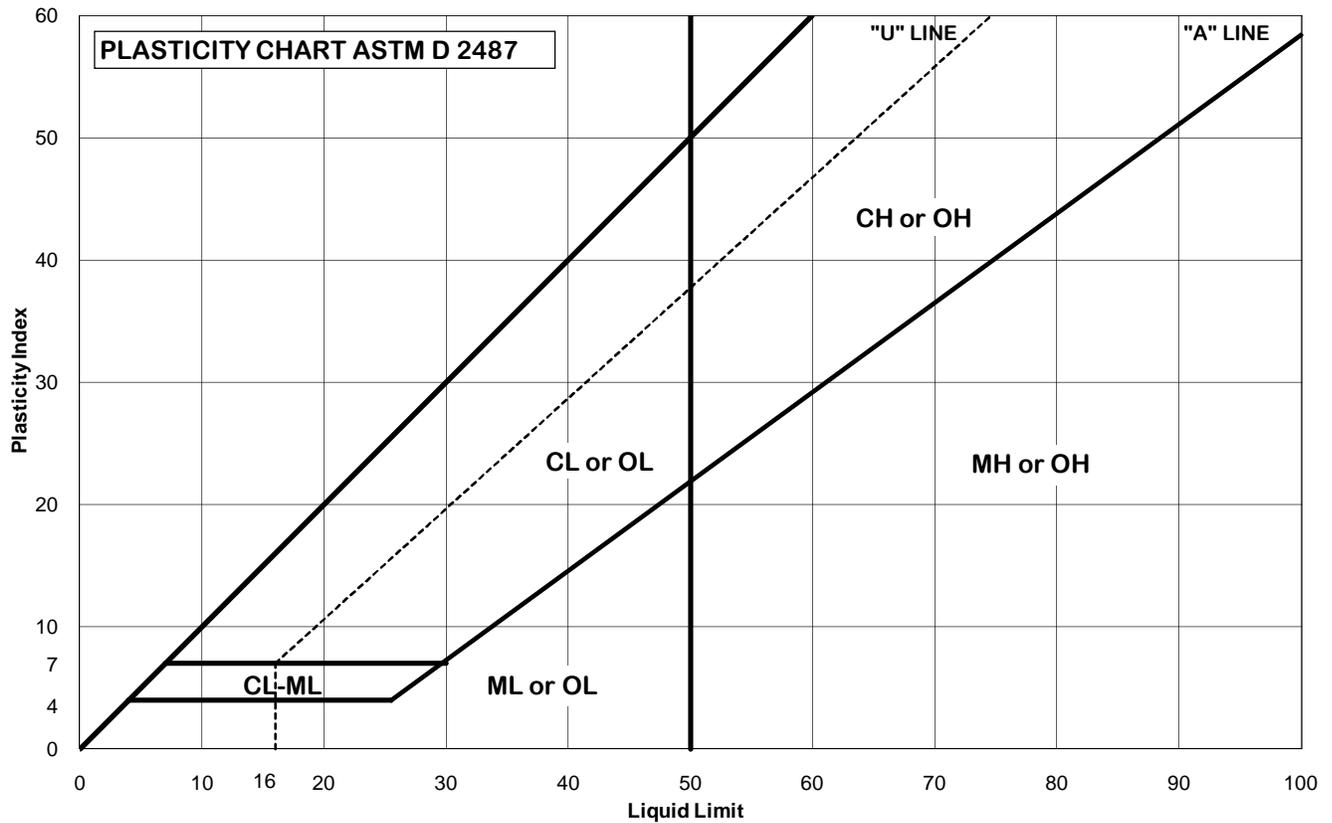
Liquid Limit =	41
Plastic Limit =	17
Plasticity Index =	23

Date:	6/14/2011
Tested By:	MJK/TJS
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	15	Natural WC:	#DIV/0!
Depth, ft.	17-19	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter (CH)		

Classification (fraction passing No. 40 sieve)

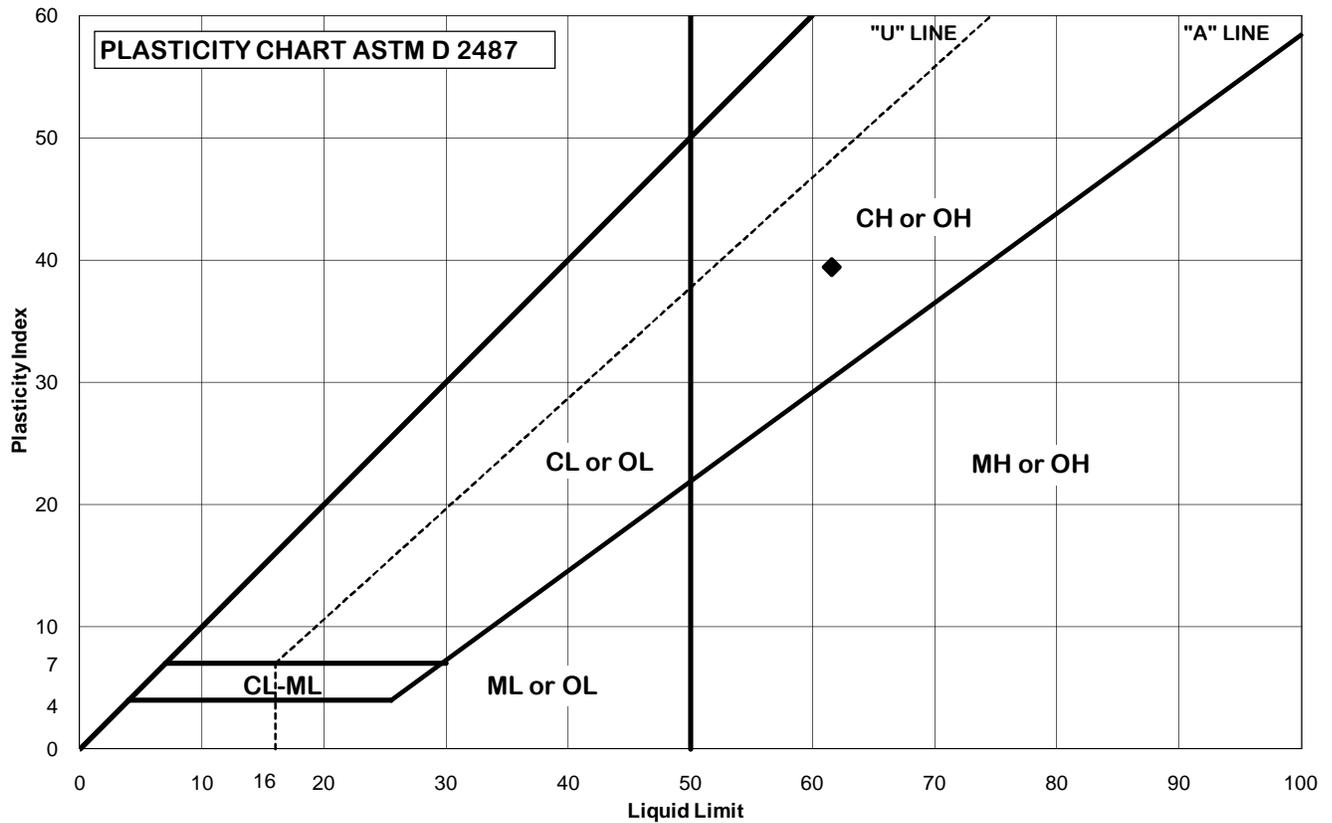
Liquid Limit =	91
Plastic Limit =	24
Plasticity Index =	68

Date:	6/14/2011
Tested By:	MJK/TJS
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	15	Natural WC:	#DIV/0!
Depth, ft.	21-23	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

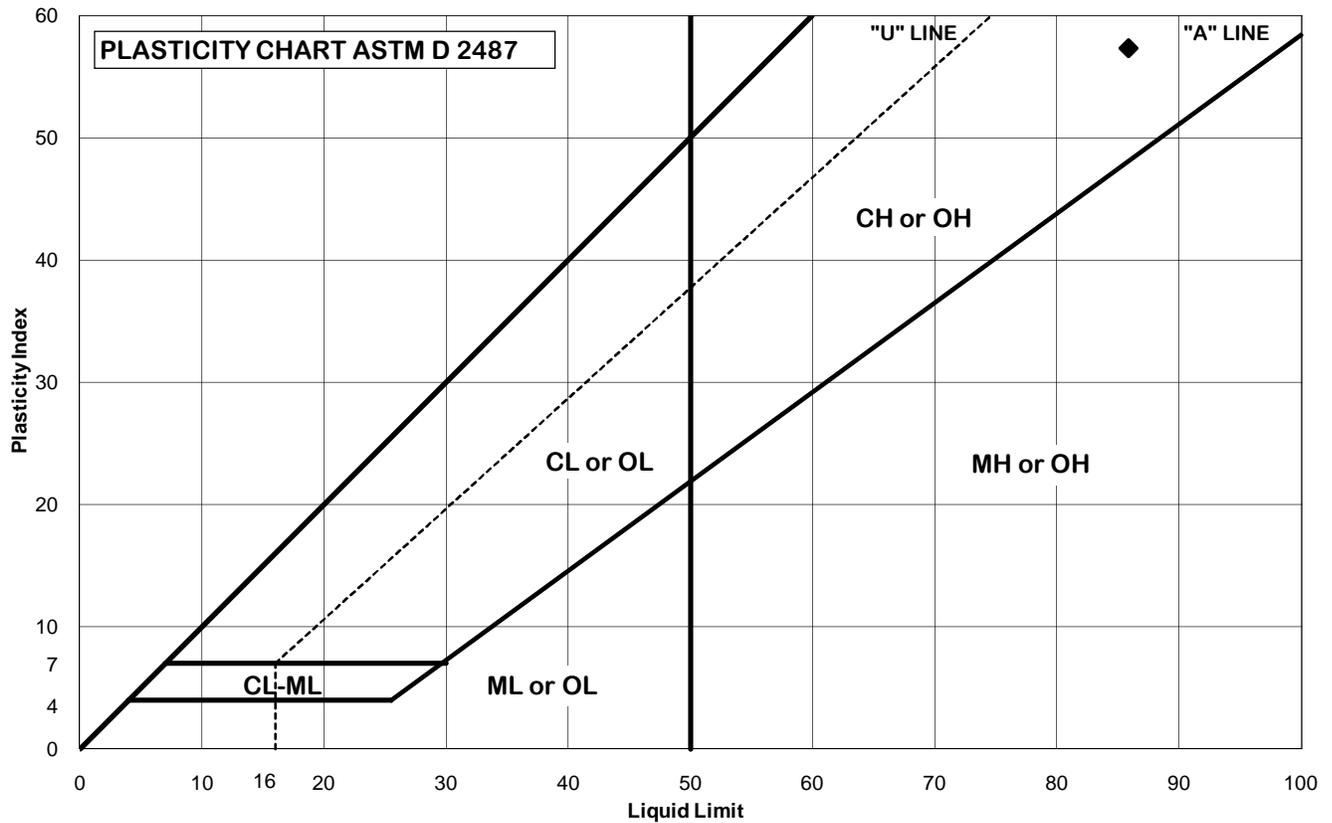
Liquid Limit =	62
Plastic Limit =	22
Plasticity Index =	39

Date:	6/13/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	15	Natural WC:	#DIV/0!
Depth, ft.	27-29	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

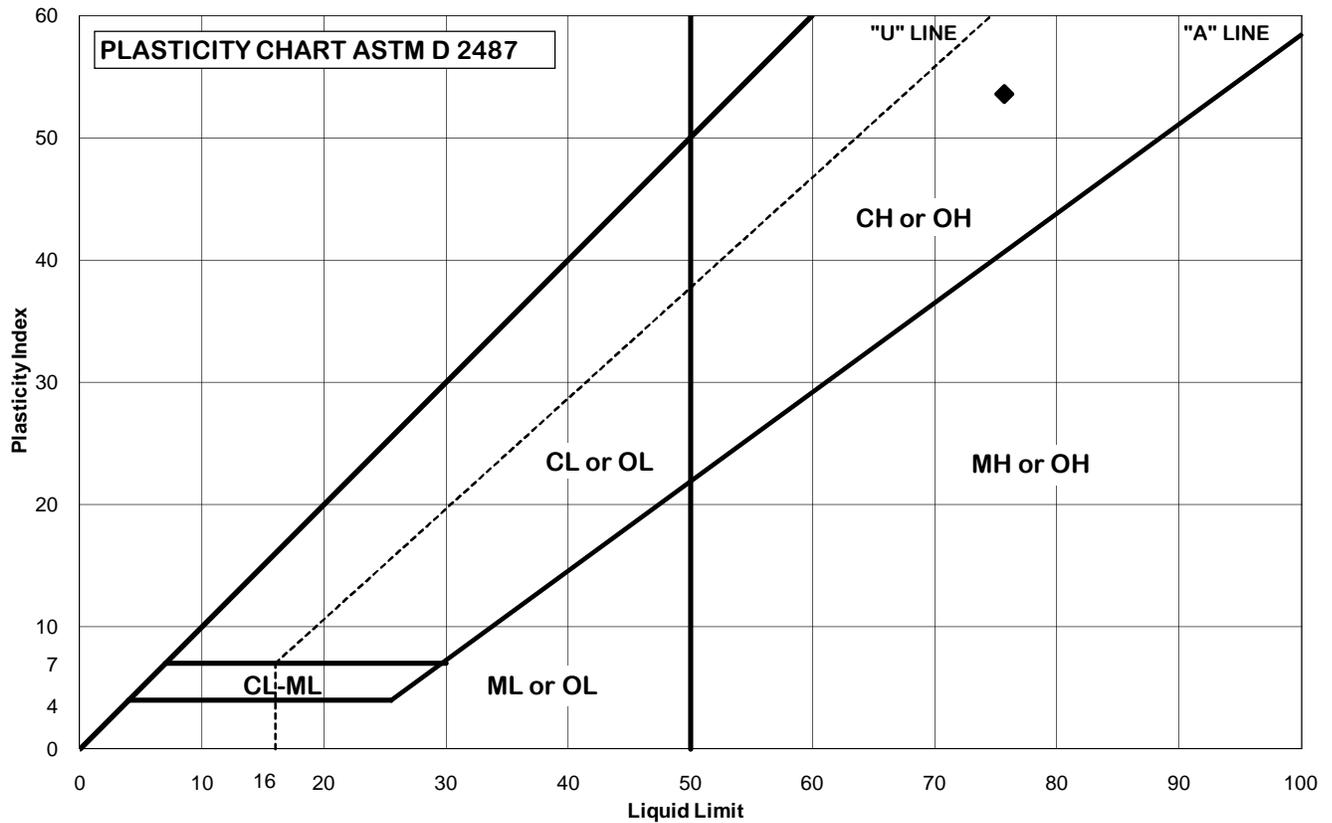
Liquid Limit =	86
Plastic Limit =	29
Plasticity Index =	57

Date:	6/27/2011
Tested By:	BH
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	15	Natural WC:	#DIV/0!
Depth, ft.	29-31	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

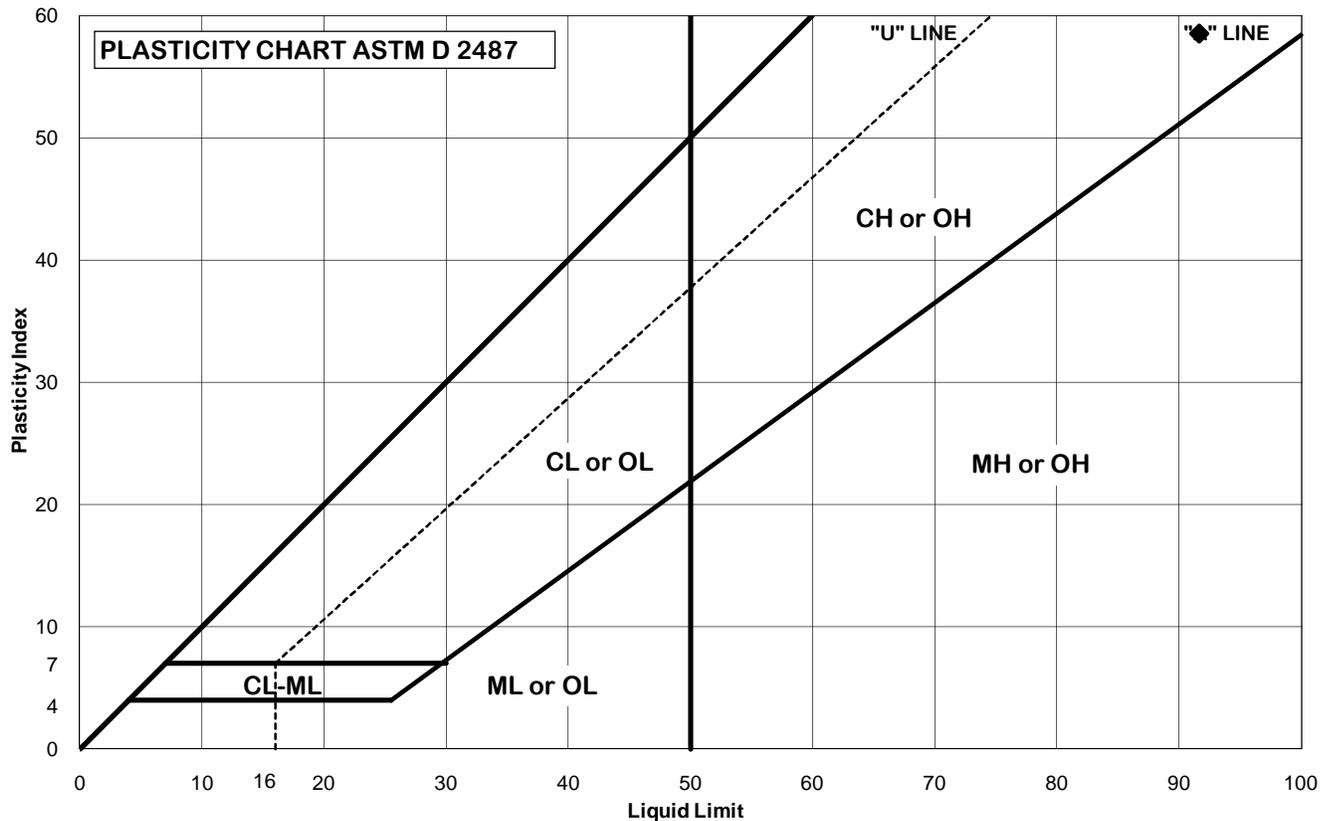
Liquid Limit =	76
Plastic Limit =	22
Plasticity Index =	54

Date:	6/14/2011
Tested By:	MJK/TJS
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	15	Natural WC:	#DIV/0!
Depth, ft.	36-38	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

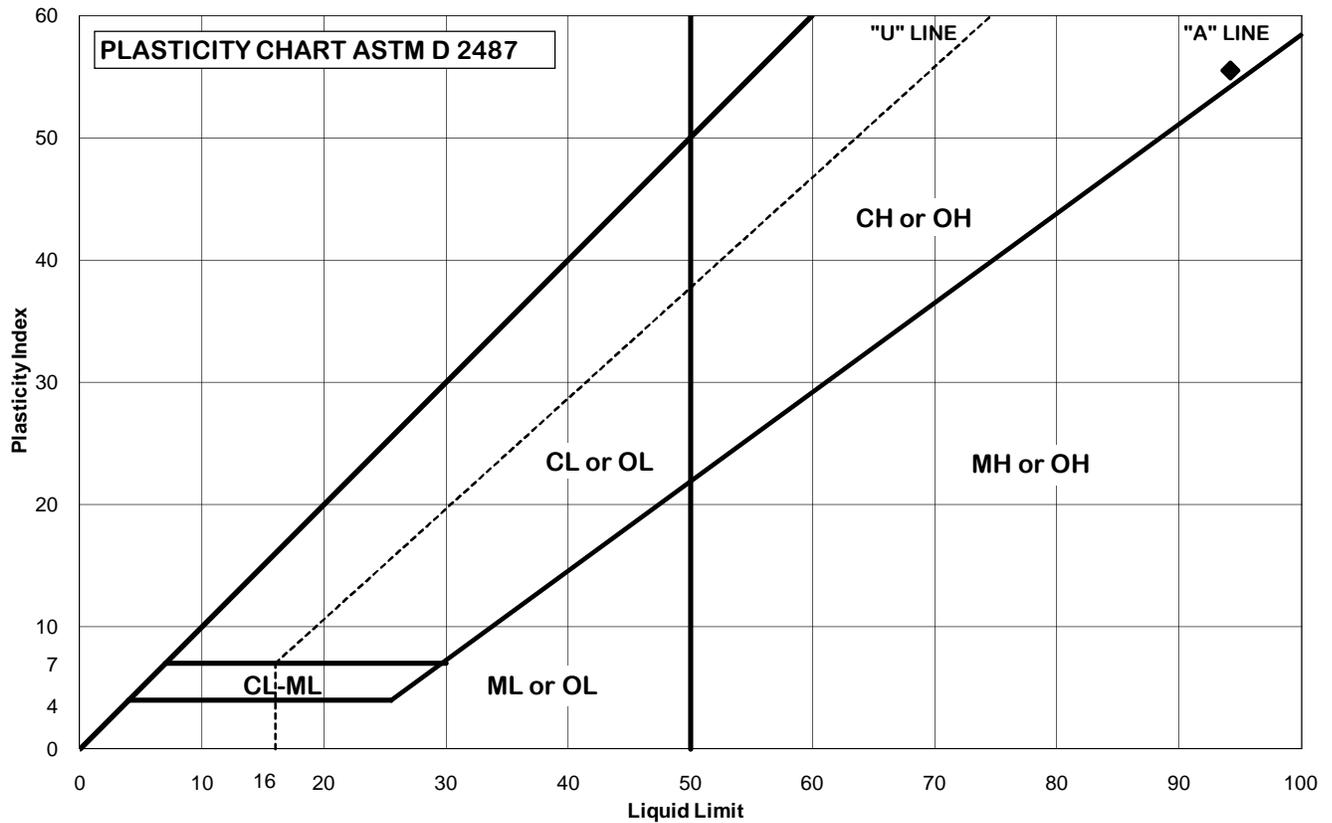
Liquid Limit =	92
Plastic Limit =	33
Plasticity Index =	59

Date:	6/15/2011
Tested By:	BH/MJK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	15	Natural WC:	#DIV/0!
Depth, ft.	46-48	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

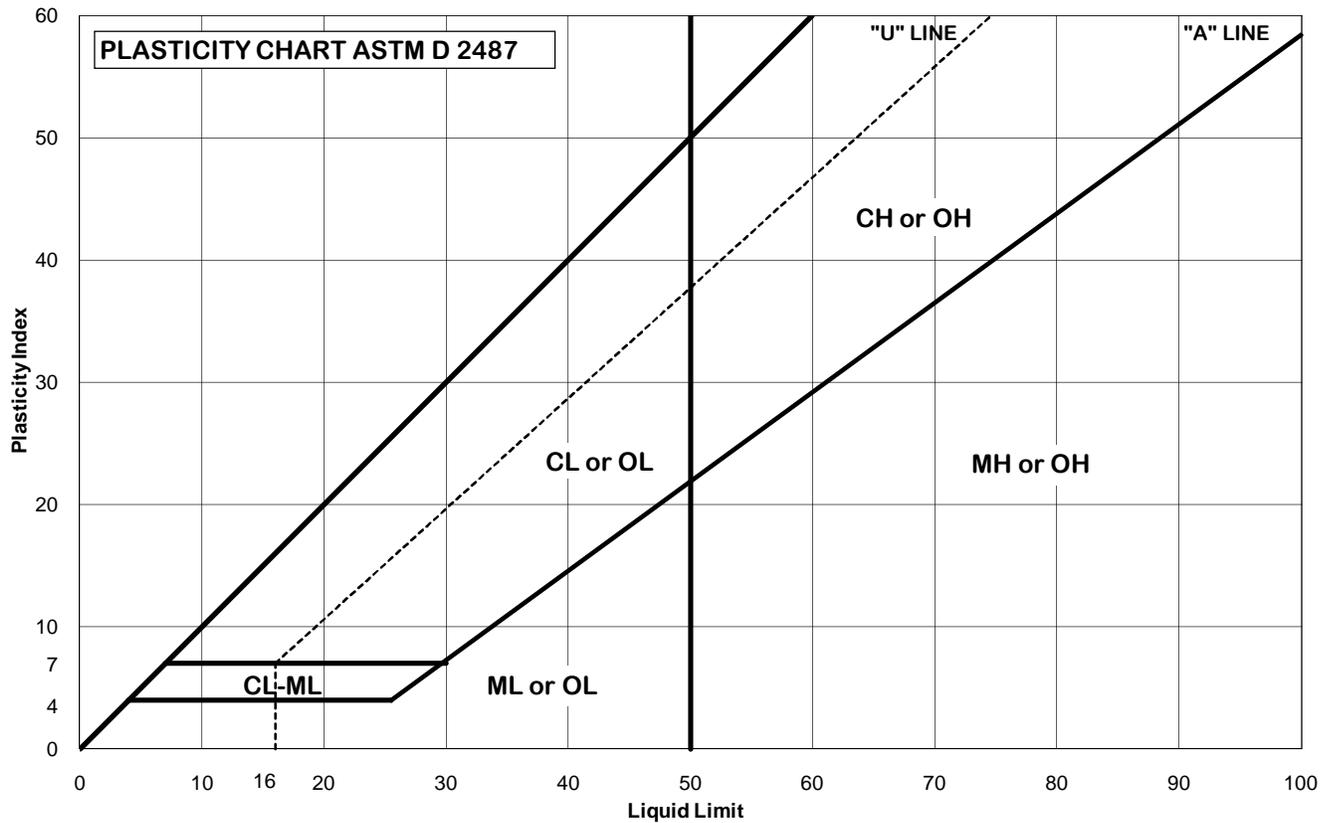
Liquid Limit =	94
Plastic Limit =	39
Plasticity Index =	56

Date:	6/15/2011
Tested By:	MJK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	16	Natural WC:	#DIV/0!
Depth, ft.	4-6	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Black Peat (PT)		

Classification (fraction passing No. 40 sieve)

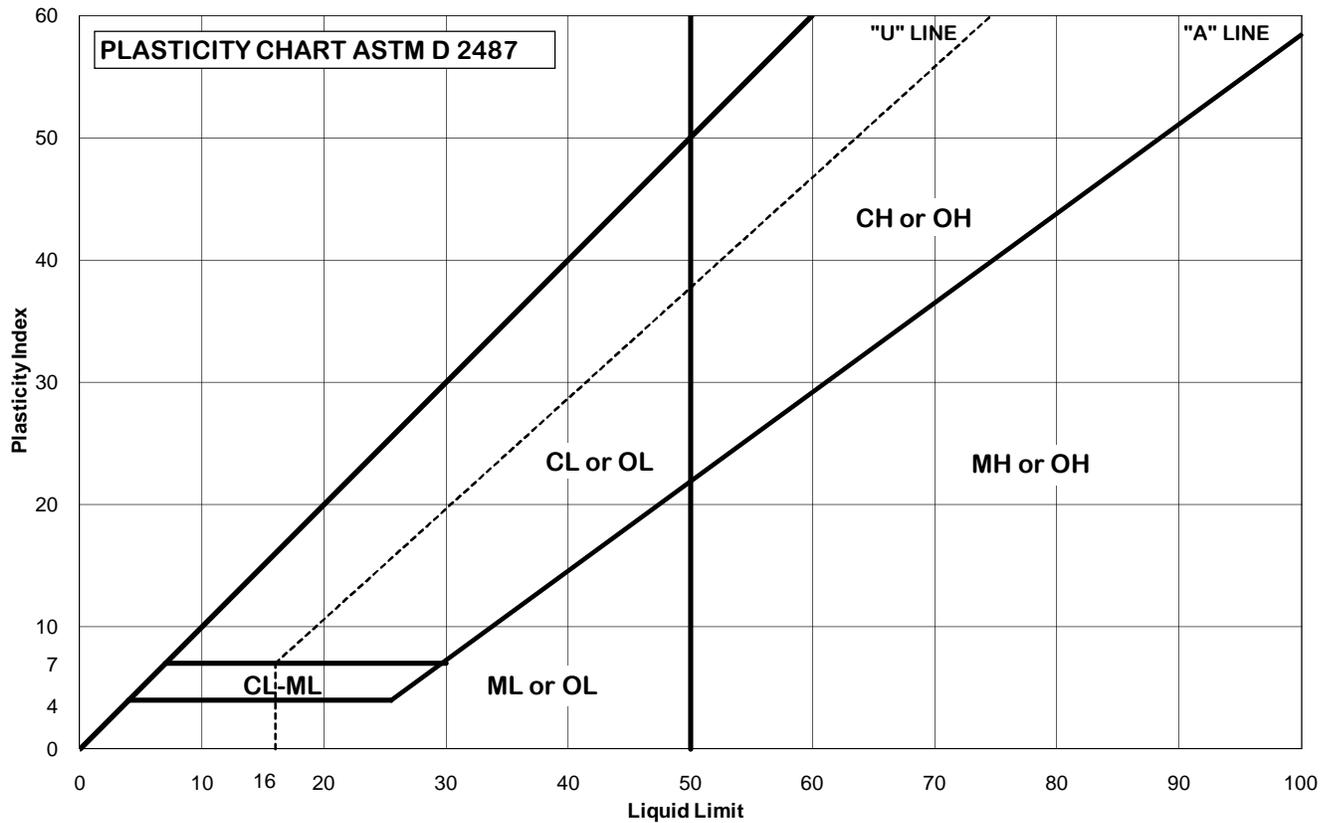
Liquid Limit =	215
Plastic Limit =	90
Plasticity Index =	125

Date:	6/7/2011
Tested By:	BH
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	16	Natural WC:	#DIV/0!
Depth, ft.	6-8	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray peat with 3" organic clay (PT)		

Classification (fraction passing No. 40 sieve)

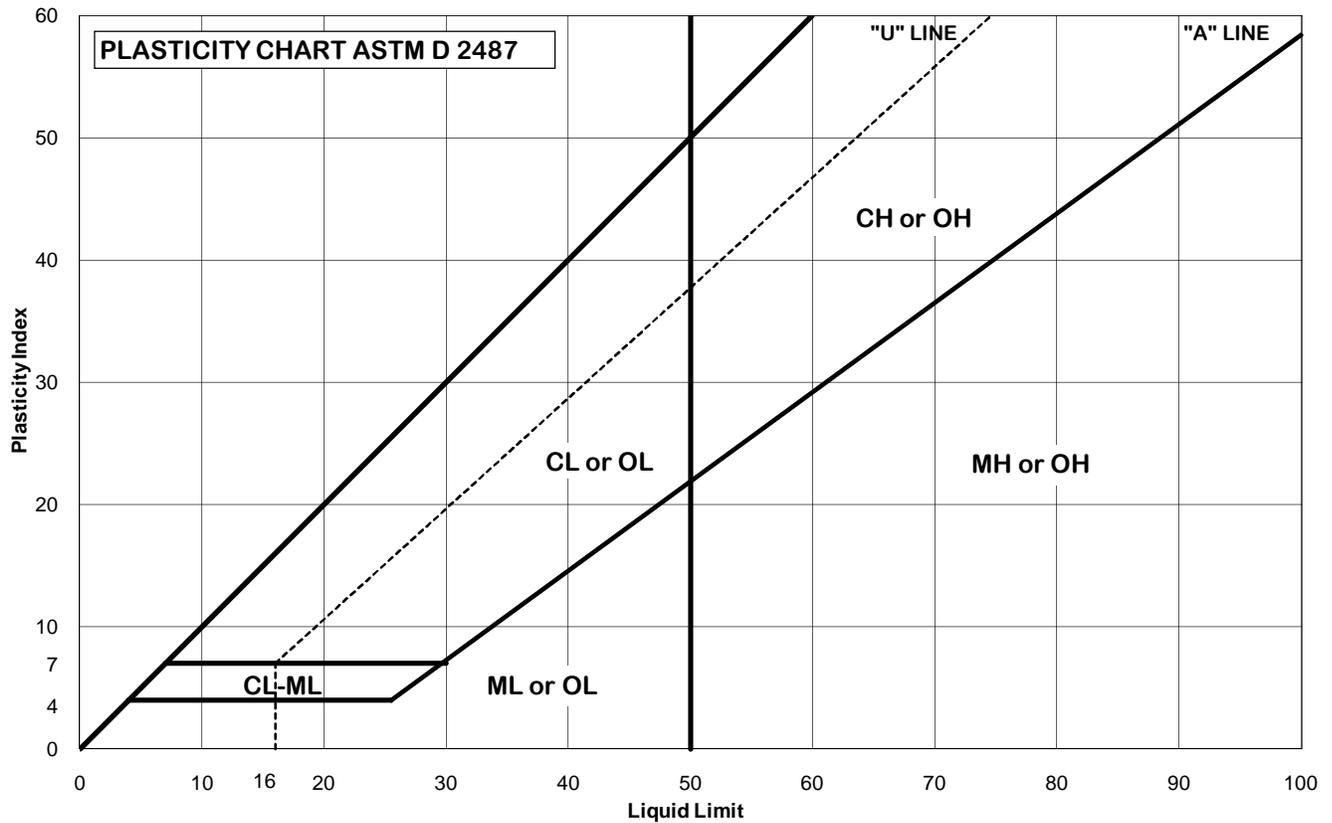
Liquid Limit =	98
Plastic Limit =	27
Plasticity Index =	70

Date:	6/2/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	16	Natural WC:	#DIV/0!
Depth, ft.	10-12	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

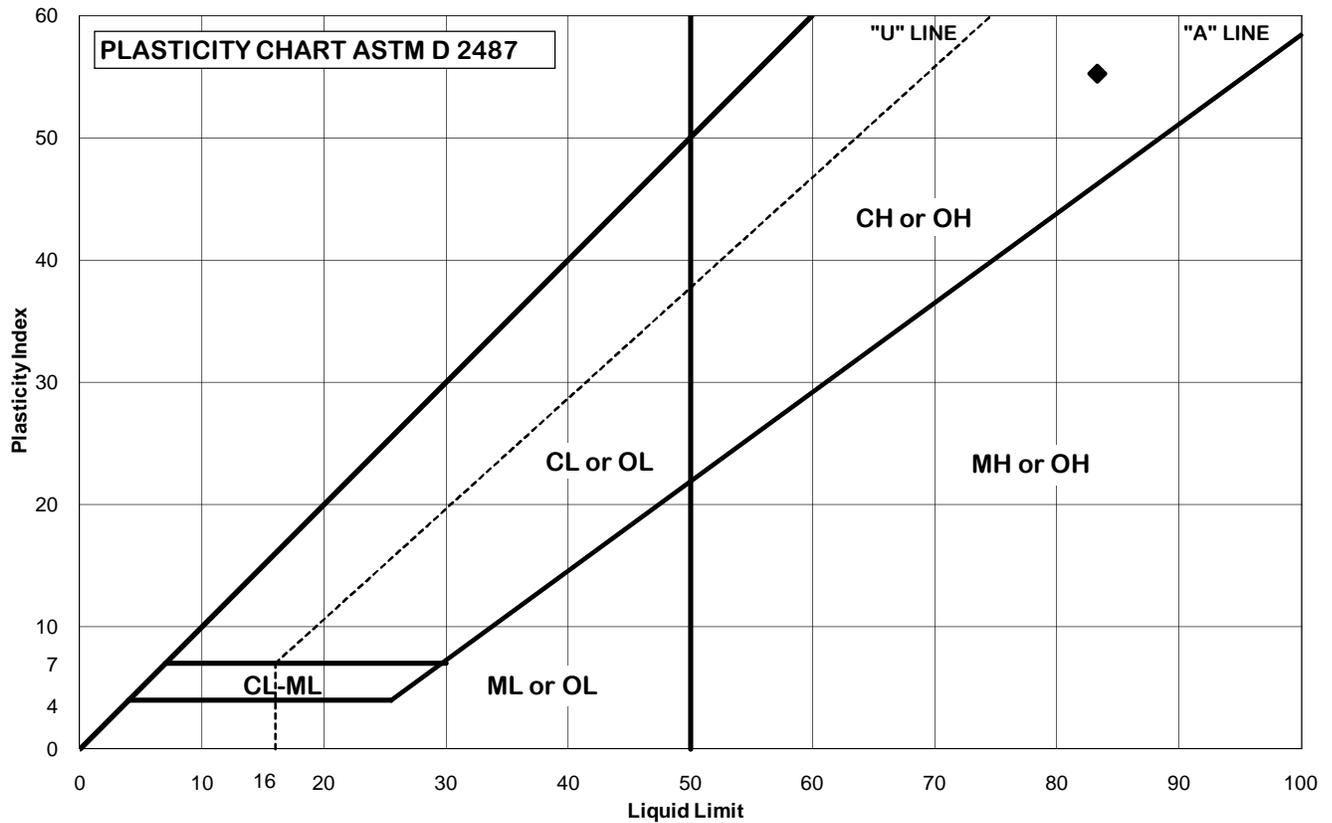
Liquid Limit =	91
Plastic Limit =	29
Plasticity Index =	63

Date:	6/2/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	16	Natural WC:	#DIV/0!
Depth, ft.	12-14	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

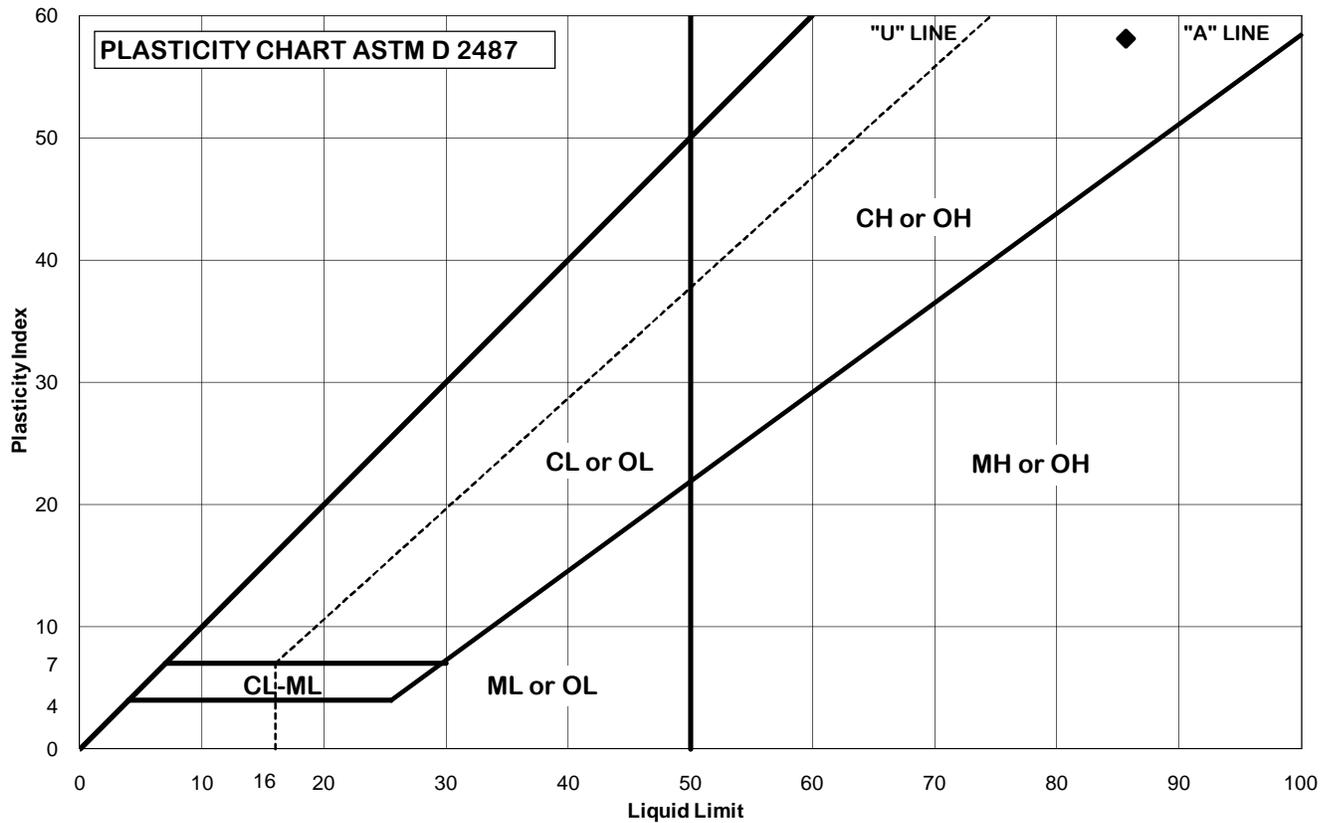
Liquid Limit =	83
Plastic Limit =	28
Plasticity Index =	55

Date:	6/3/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	16	Natural WC:	#DIV/0!
Depth, ft.	14-16	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

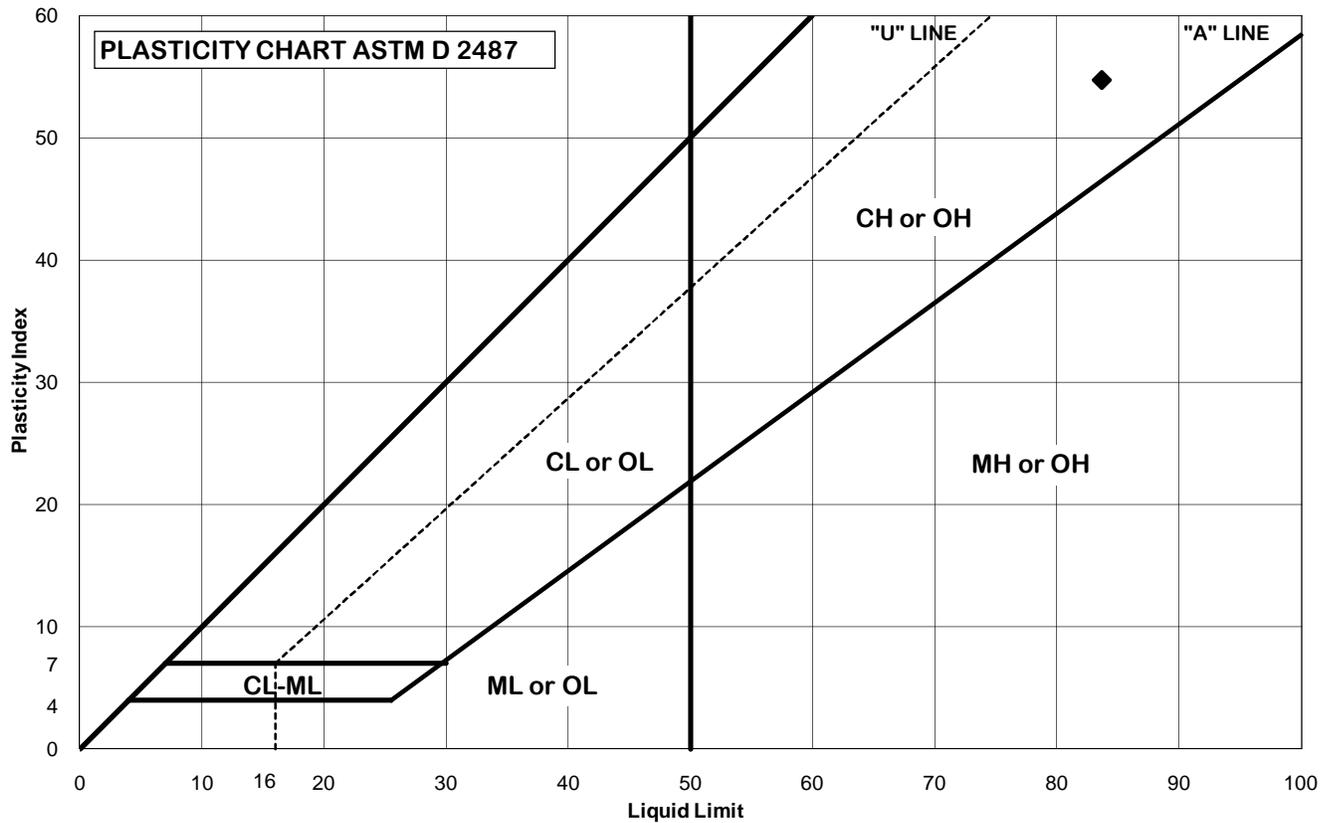
Liquid Limit =	86
Plastic Limit =	28
Plasticity Index =	58

Date:	6/2/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	16	Natural WC:	#DIV/0!
Depth, ft.	16-18	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

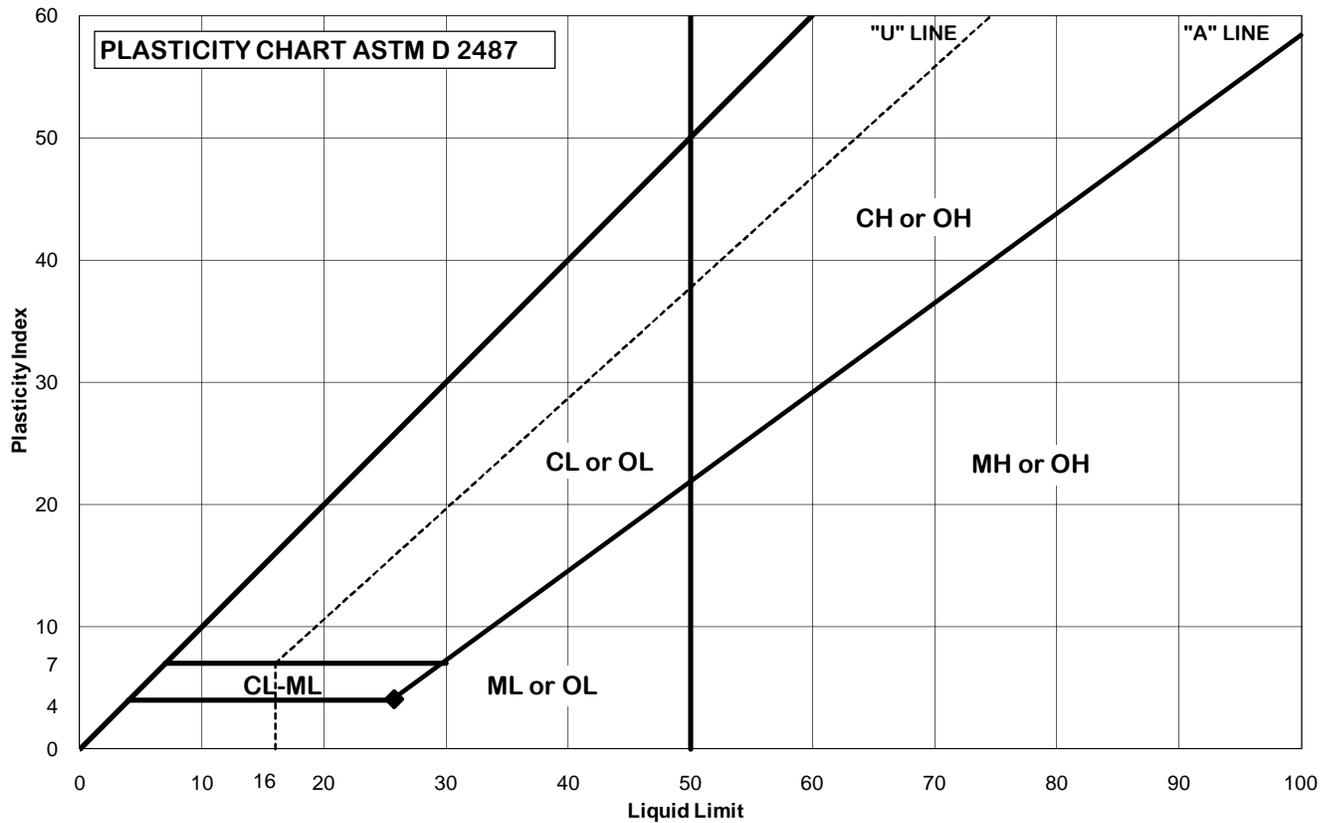
Liquid Limit =	84
Plastic Limit =	29
Plasticity Index =	55

Date:	6/2/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	16	Natural WC:	#DIV/0!
Depth, ft.	18-20	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clayey silt (CL-ML)		

Classification (fraction passing No. 40 sieve)

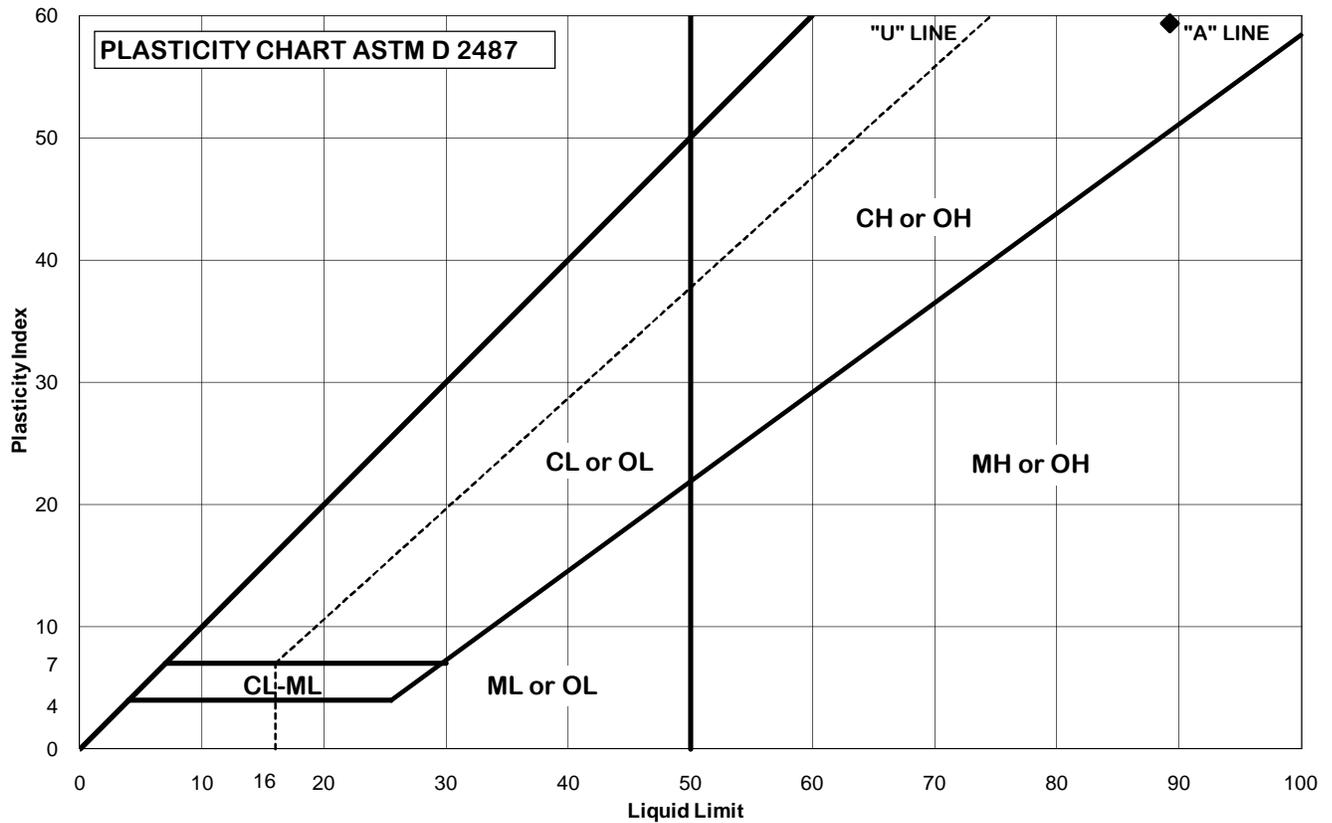
Liquid Limit =	26
Plastic Limit =	22
Plasticity Index =	4

Date:	6/7/2011
Tested By:	BH
Checked By:	DU

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	16	Natural WC:	#DIV/0!
Depth, ft.	20-22	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

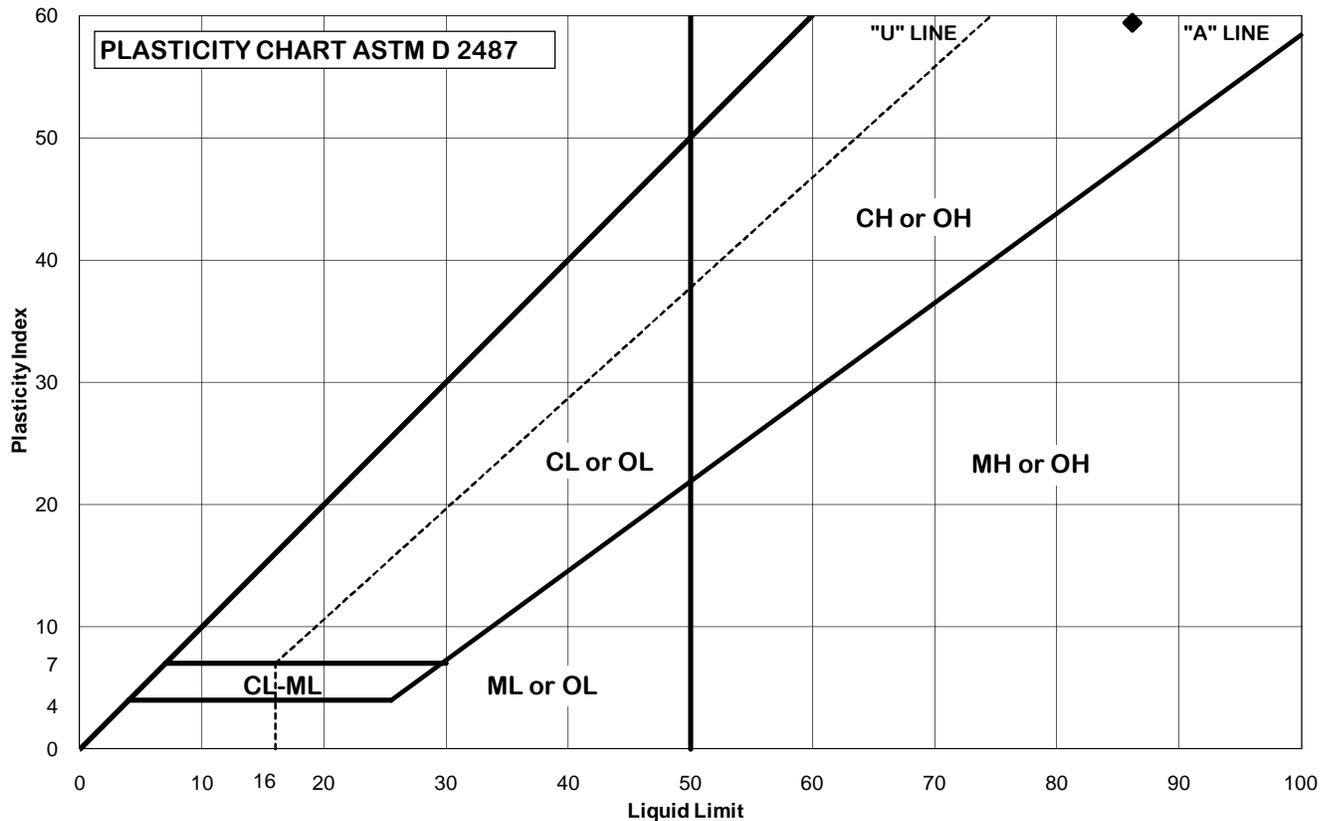
Liquid Limit =	89
Plastic Limit =	30
Plasticity Index =	59

Date:	6/7/2011
Tested By:	BH
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	16	Natural WC:	#DIV/0!
Depth, ft.	27-29	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

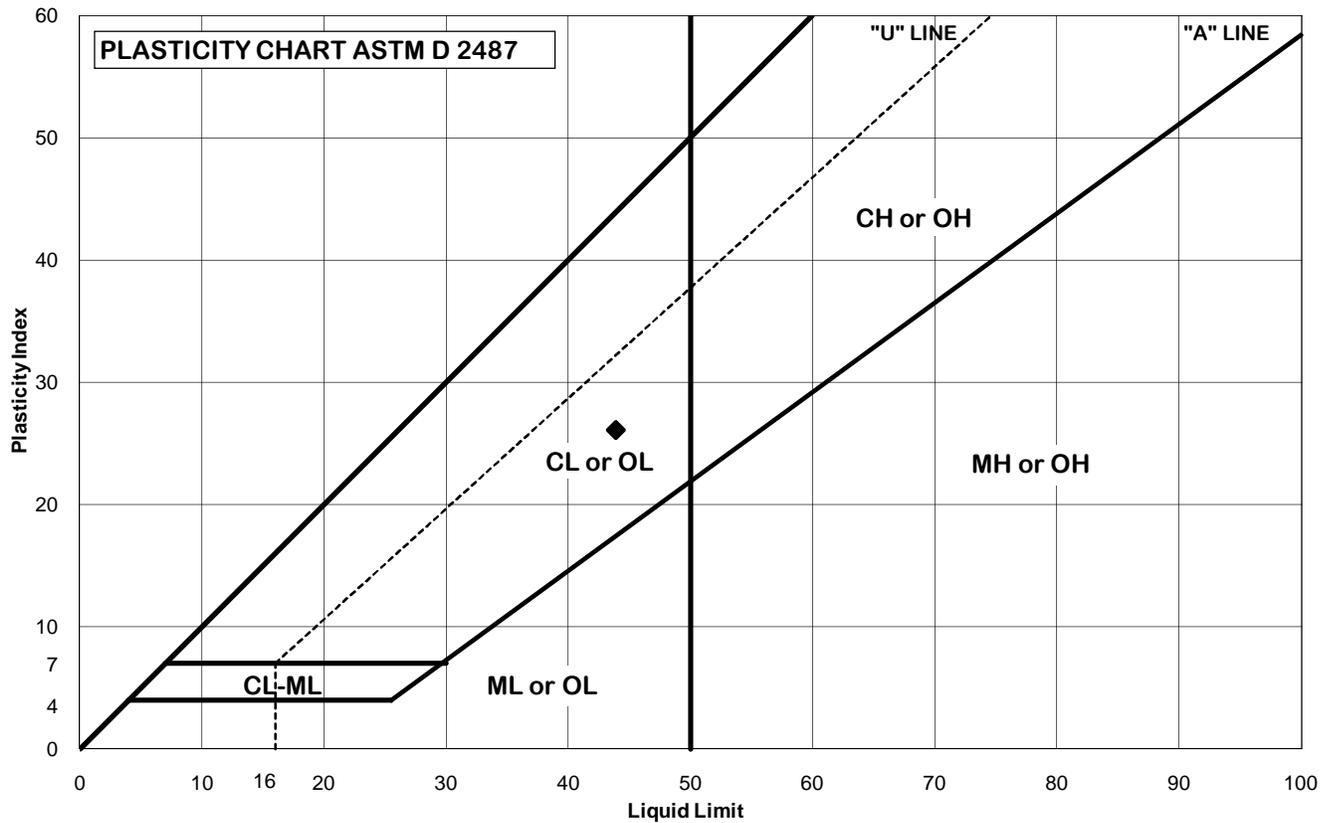
Liquid Limit =	86
Plastic Limit =	27
Plasticity Index =	59

Date:	6/2/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	16	Natural WC:	#DIV/0!
Depth, ft.	37-39	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Brown peat with 4" organic clay layer (PT)		

Classification (fraction passing No. 40 sieve)

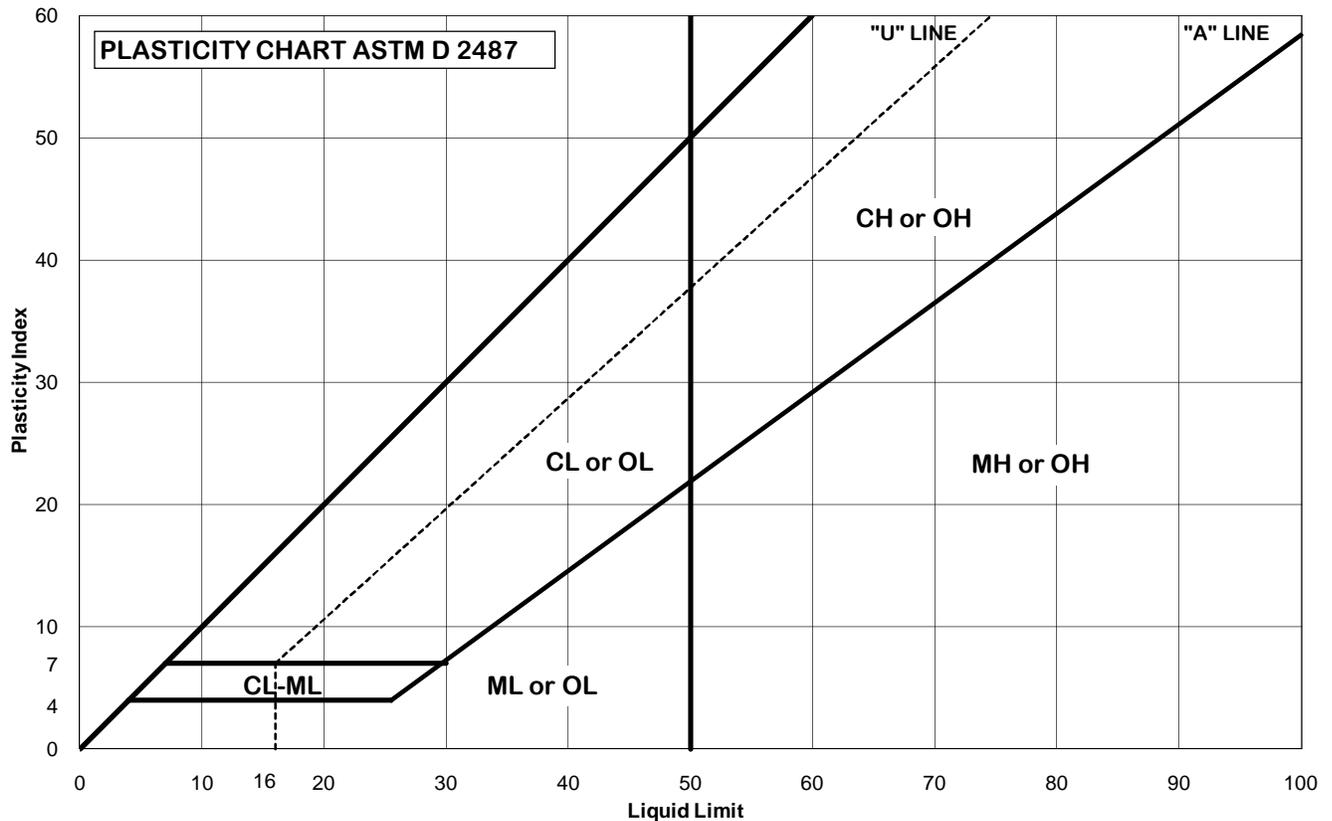
Liquid Limit =	44
Plastic Limit =	18
Plasticity Index =	26

Date:	6/6/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	16	Natural WC:	#DIV/0!
Depth, ft.	52-54	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter (CH)		

Classification (fraction passing No. 40 sieve)

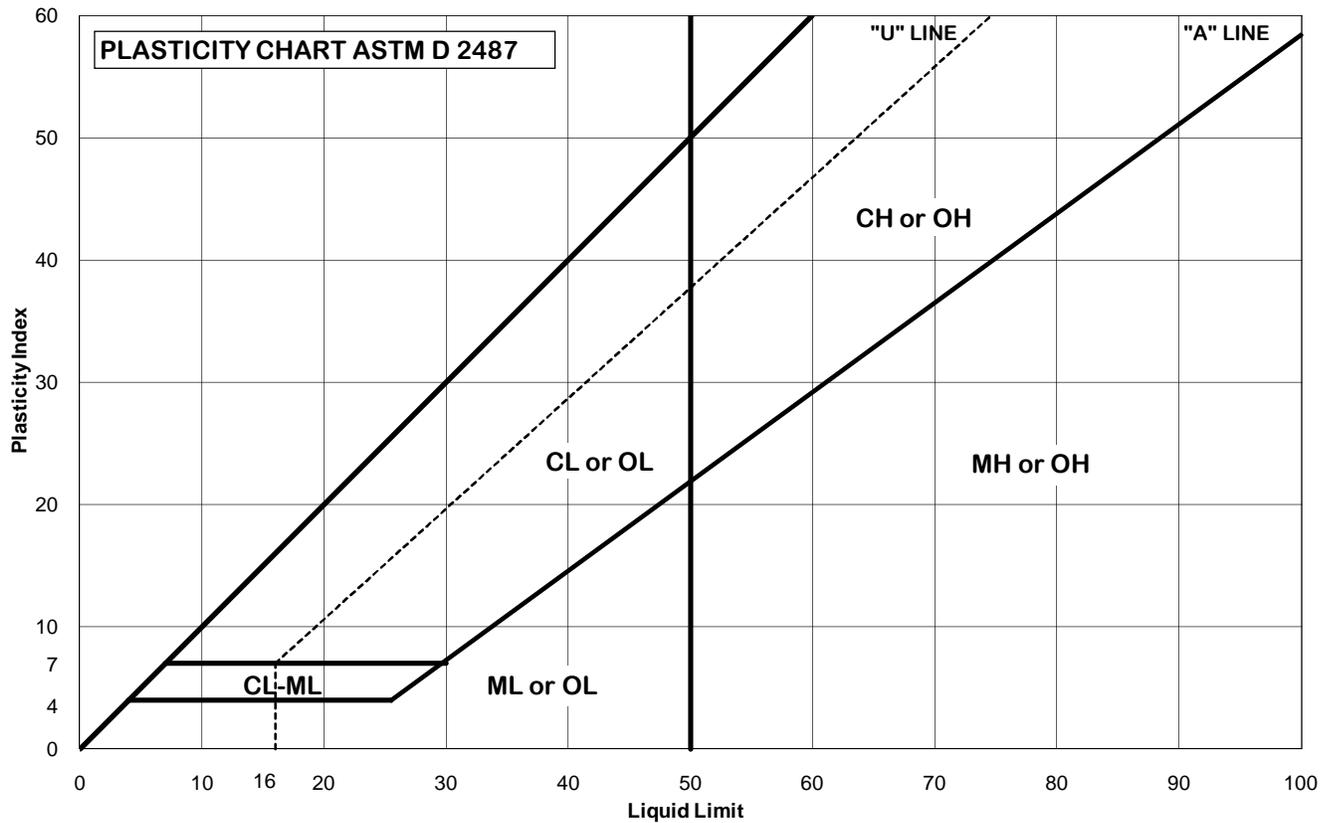
Liquid Limit =	106
Plastic Limit =	27
Plasticity Index =	79

Date:	6/6/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	16	Natural WC:	#DIV/0!
Depth, ft.	62-64	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray clay (CH)		

Classification (fraction passing No. 40 sieve)

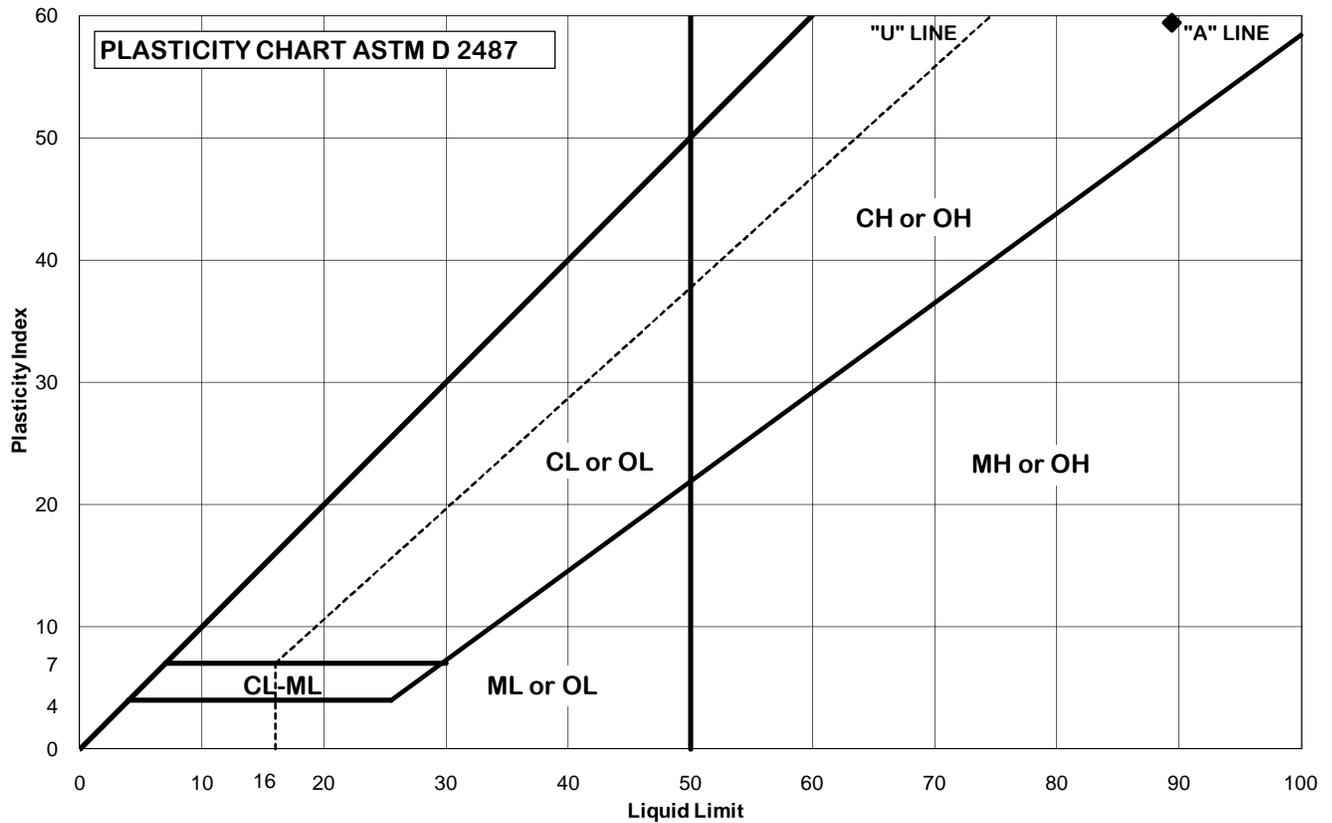
Liquid Limit =	114
Plastic Limit =	35
Plasticity Index =	79

Date:	6/8/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	17	Natural WC:	#DIV/0!
Depth, ft.	7-9	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay with organic matter (OH)		

Classification (fraction passing No. 40 sieve)

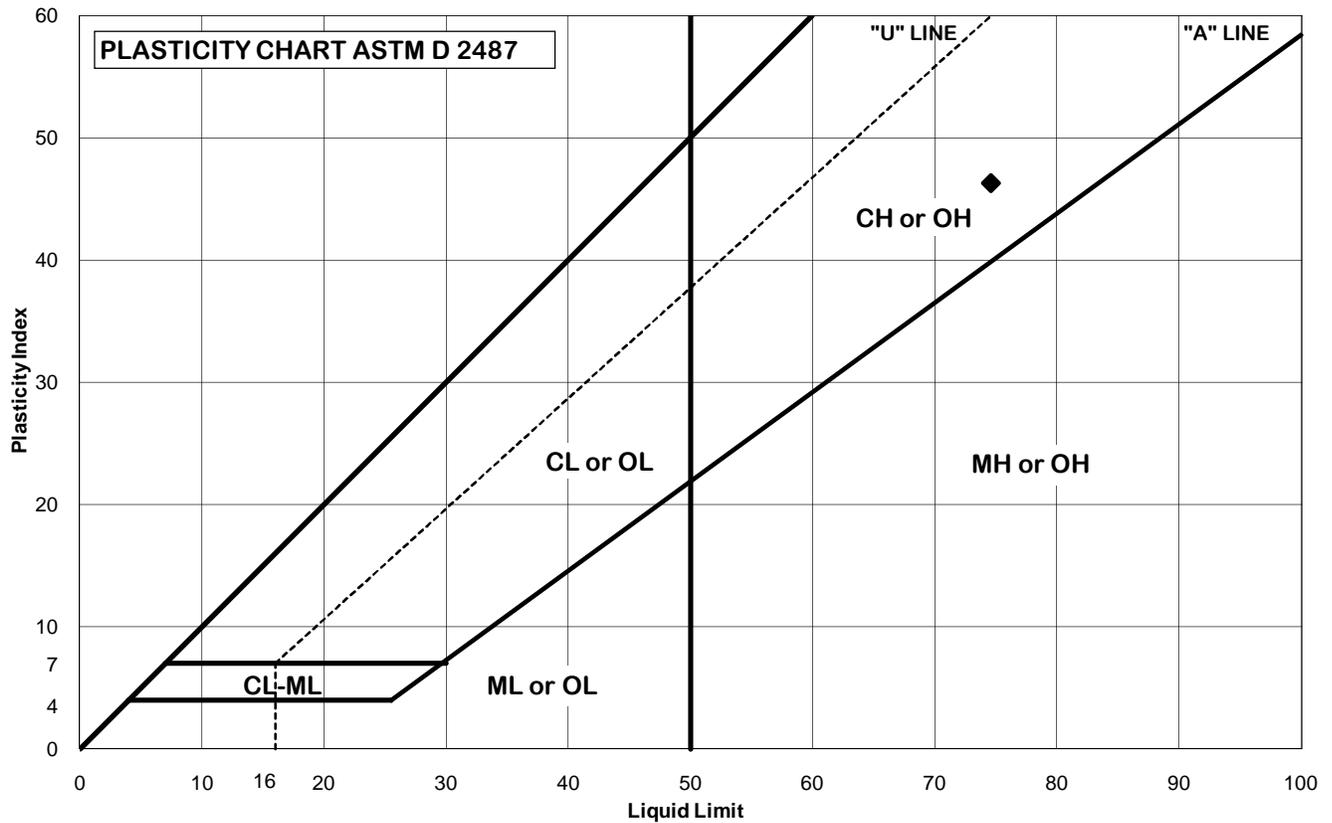
Liquid Limit =	89
Plastic Limit =	30
Plasticity Index =	59

Date:	6/15/2011
Tested By:	MJK/BH
Checked By:	DU

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	17	Natural WC:	#DIV/0!
Depth, ft.	9-11	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter (CH)		

Classification (fraction passing No. 40 sieve)

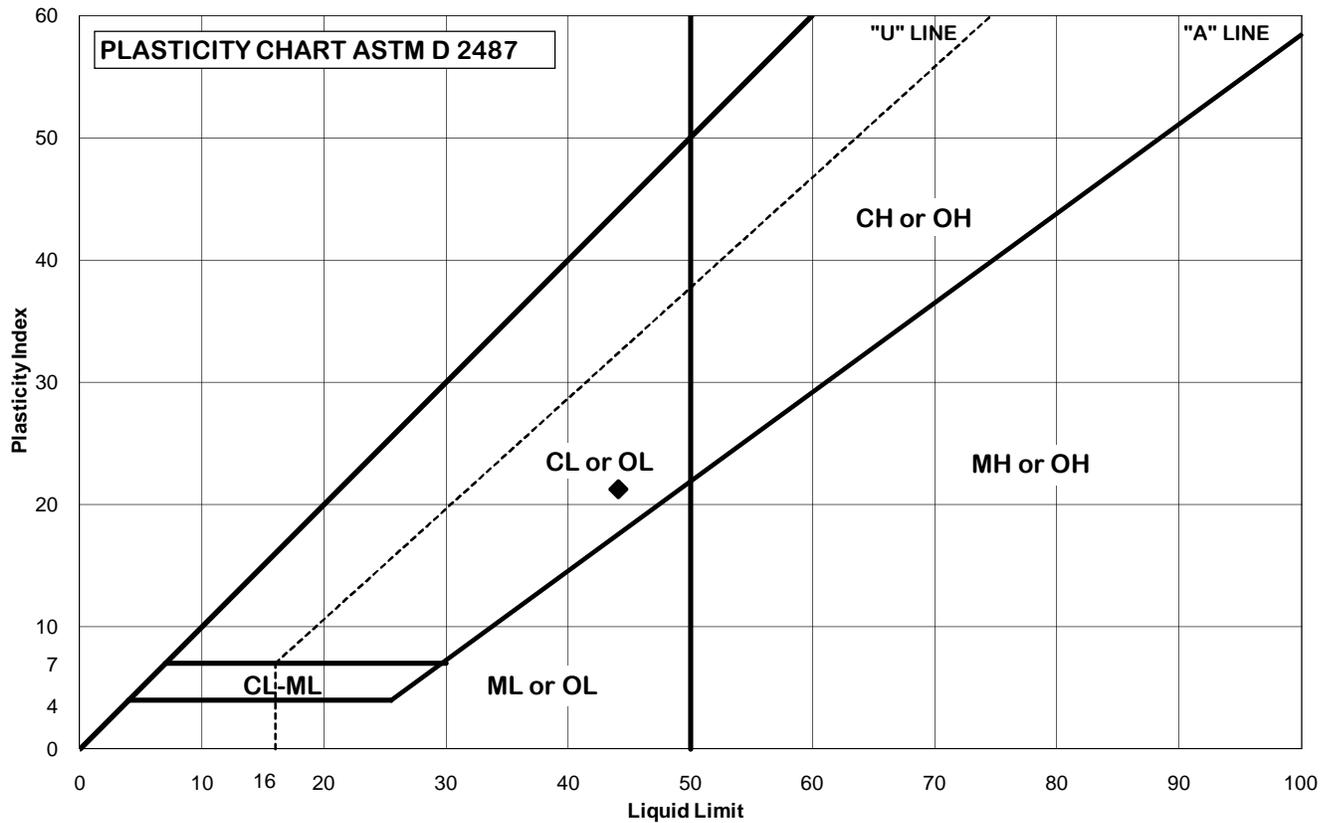
Liquid Limit =	75
Plastic Limit =	28
Plasticity Index =	46

Date:	6/14/2011
Tested By:	BH/MJK
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	17	Natural WC:	#DIV/0!
Depth, ft.	11-13	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with sand (CL)		

Classification (fraction passing No. 40 sieve)

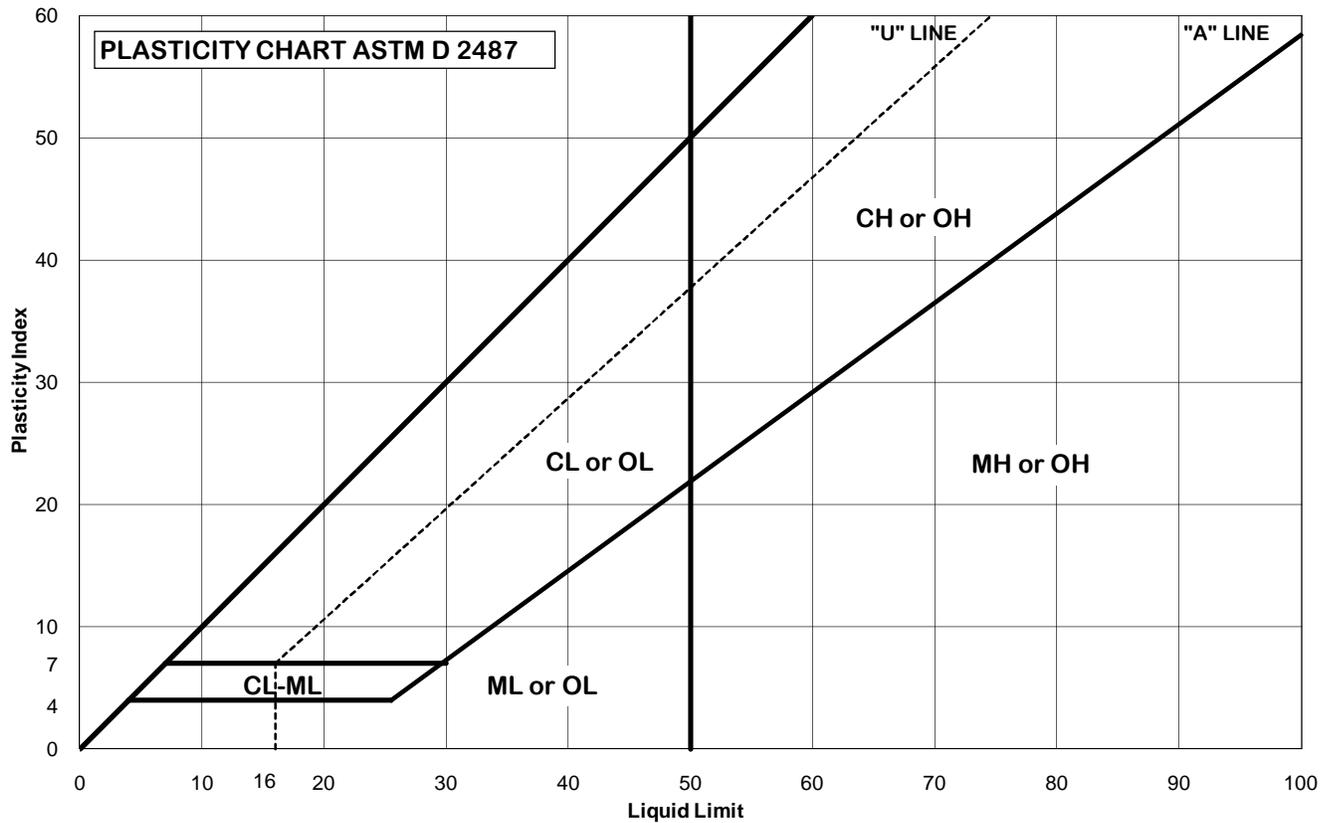
Liquid Limit =	44
Plastic Limit =	23
Plasticity Index =	21

Date:	6/15/2011
Tested By:	MJK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	17	Natural WC:	#DIV/0!
Depth, ft.	13-15	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with silt (CL)		

Classification (fraction passing No. 40 sieve)

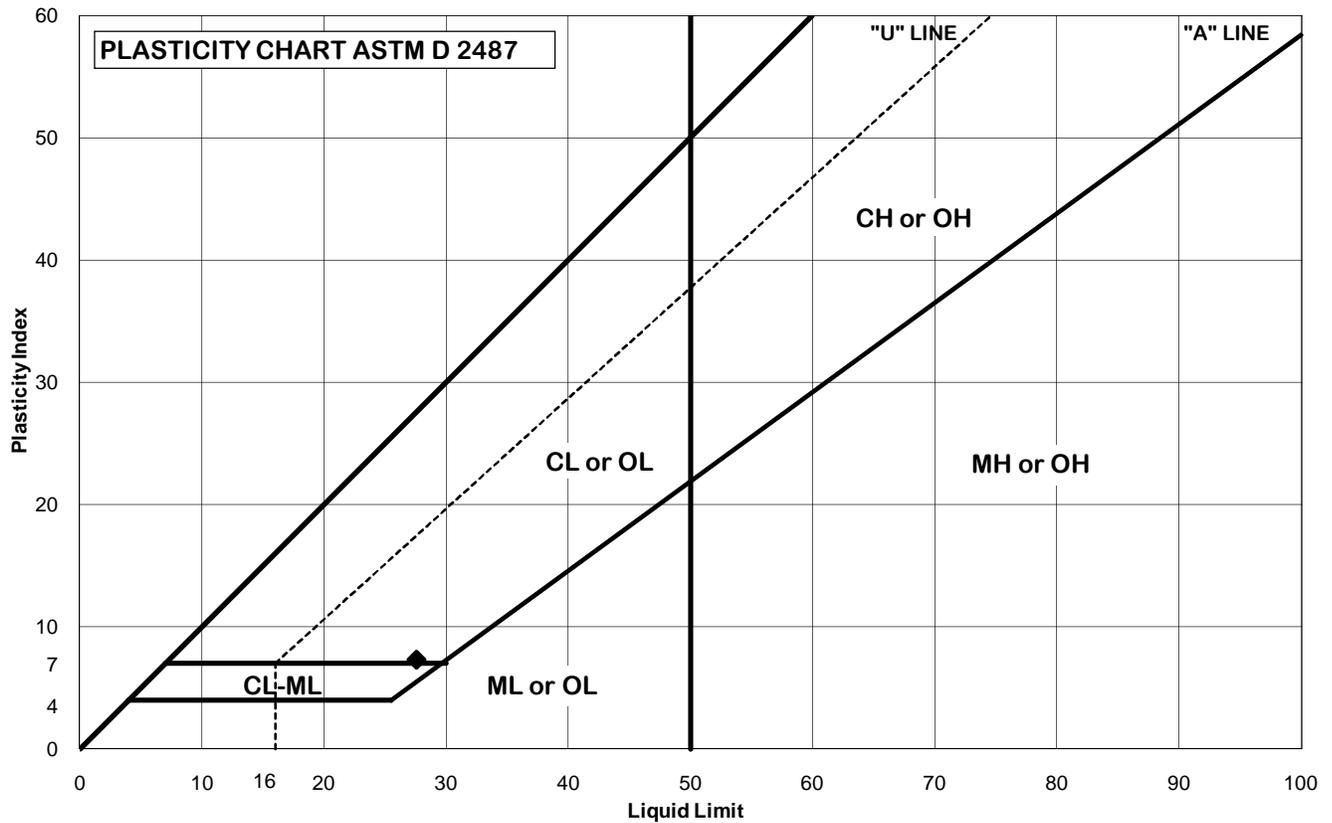
Liquid Limit =	45
Plastic Limit =	22
Plasticity Index =	23

Date:	6/14/2011
Tested By:	MJK/TJS
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	17	Natural WC:	#DIV/0!
Depth, ft.	19-21	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray silty clay (CL)		

Classification (fraction passing No. 40 sieve)

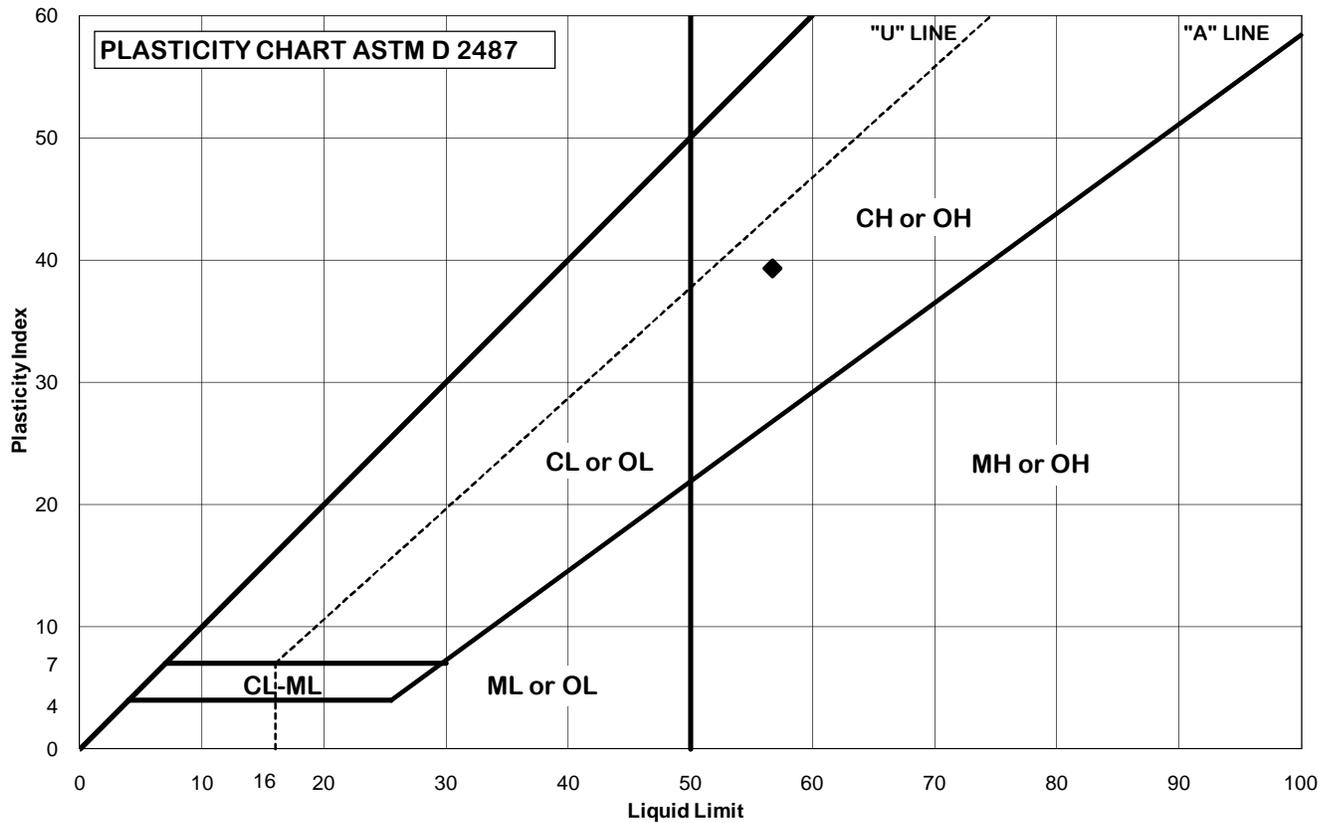
Liquid Limit =	28
Plastic Limit =	20
Plasticity Index =	7

Date:	6/14/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	17	Natural WC:	#DIV/0!
Depth, ft.	26-28	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter (CH)		

Classification (fraction passing No. 40 sieve)

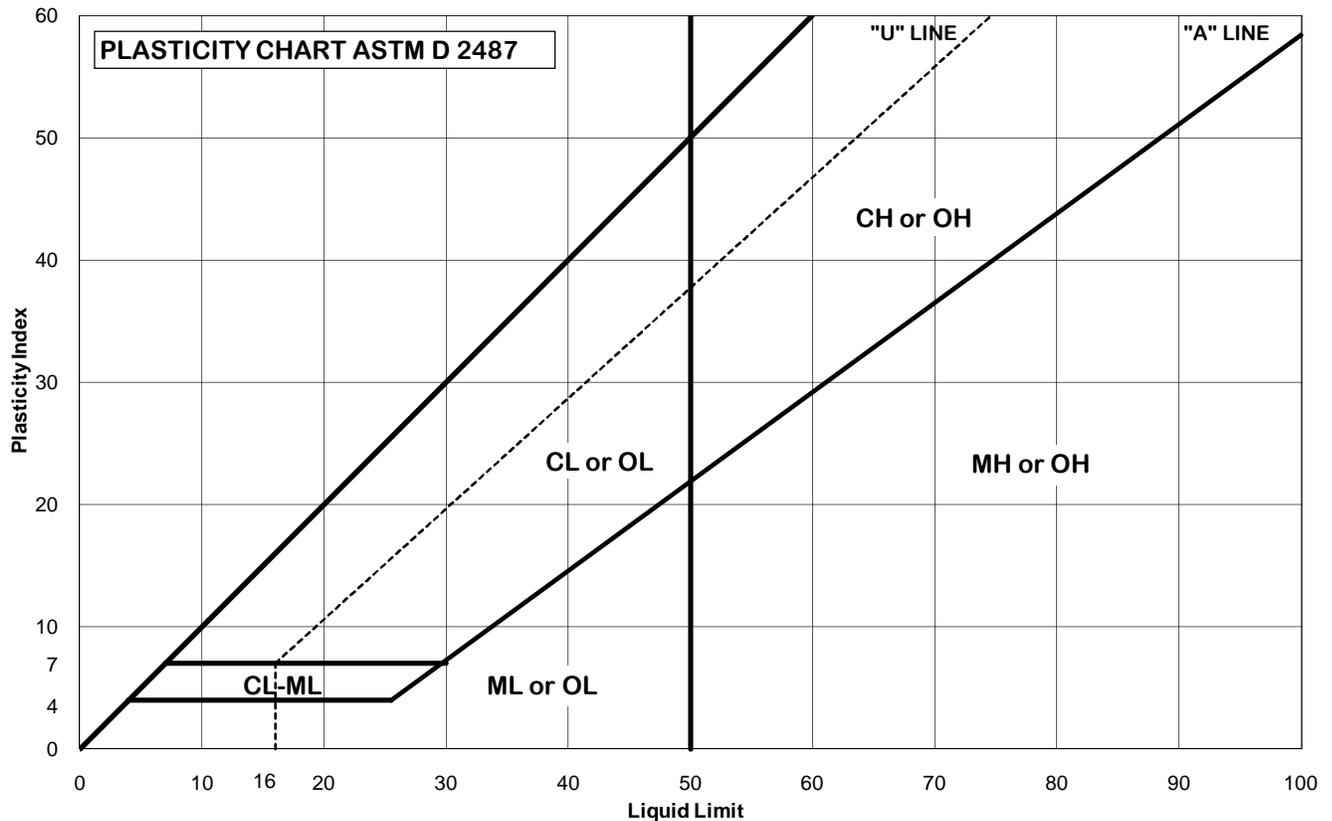
Liquid Limit =	57
Plastic Limit =	17
Plasticity Index =	39

Date:	6/14/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	17	Natural WC:	#DIV/0!
Depth, ft.	41-43	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Black Peat (PT)		

Classification (fraction passing No. 40 sieve)

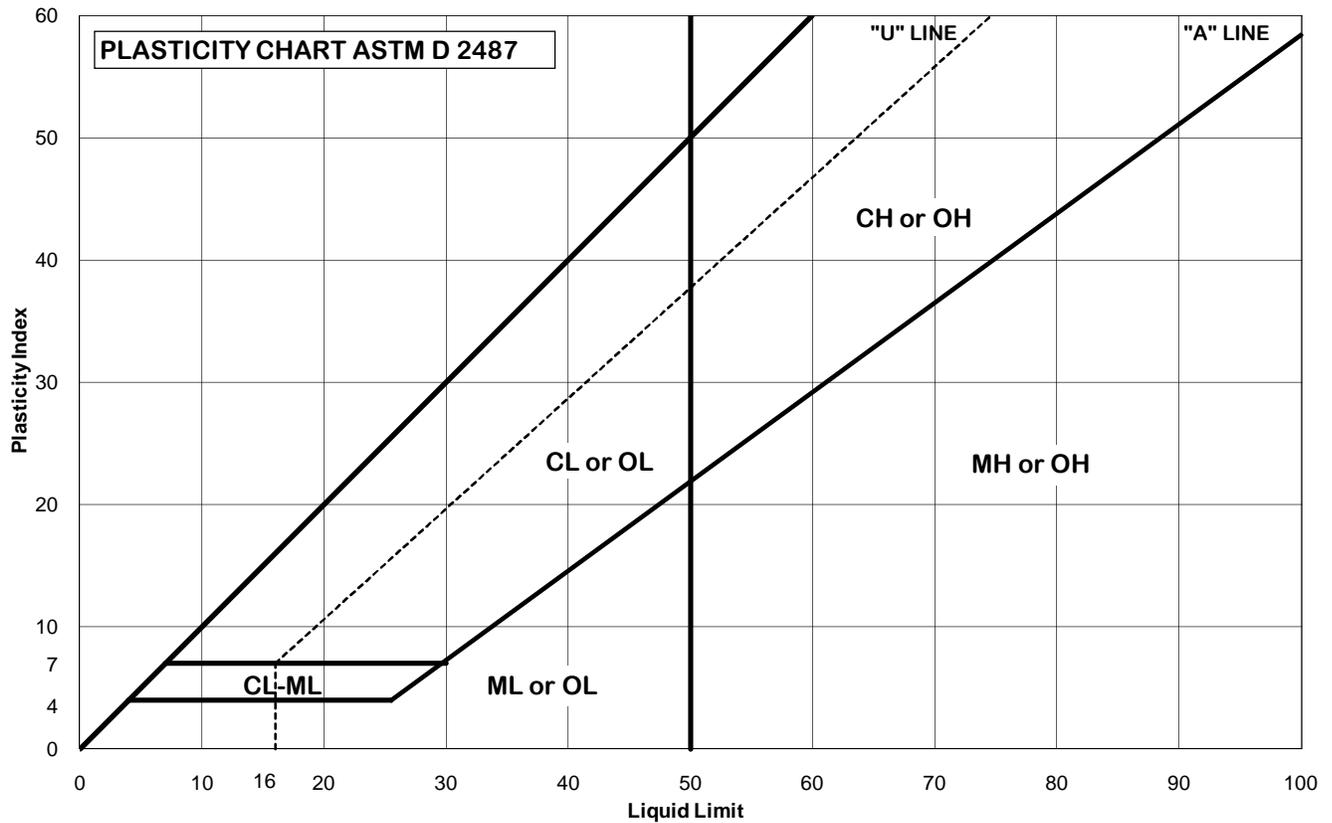
Liquid Limit =	367
Plastic Limit =	123
Plasticity Index =	244

Date:	6/15/2011
Tested By:	BH/MJK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	18	Natural WC:	#DIV/0!
Depth, ft.	4-6	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

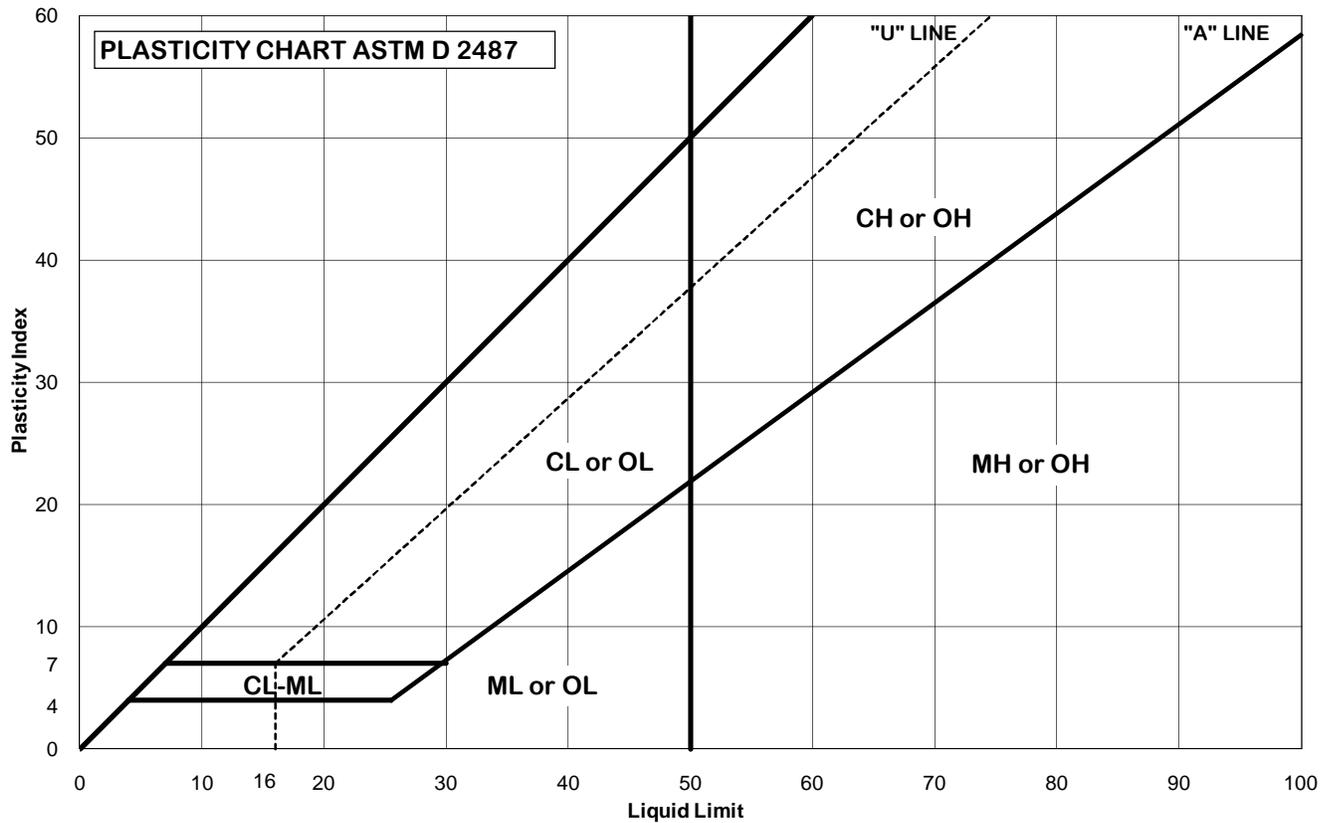
Liquid Limit =	95
Plastic Limit =	27
Plasticity Index =	68

Date:	6/15/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	18	Natural WC:	#DIV/0!
Depth, ft.	8-10	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

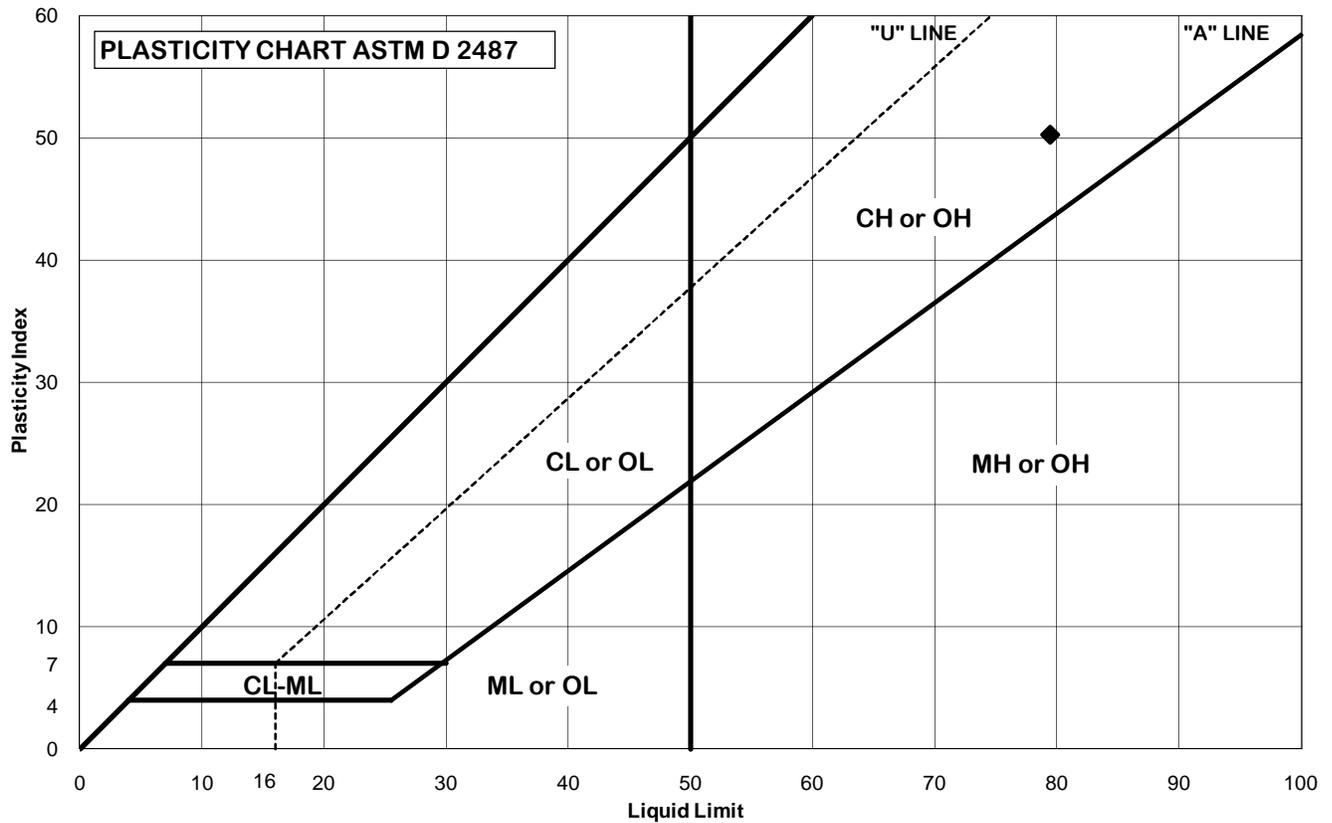
Liquid Limit =	96
Plastic Limit =	30
Plasticity Index =	66

Date:	6/15/2011
Tested By:	MJK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	18	Natural WC:	#DIV/0!
Depth, ft.	12-14	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter (CH)		

Classification (fraction passing No. 40 sieve)

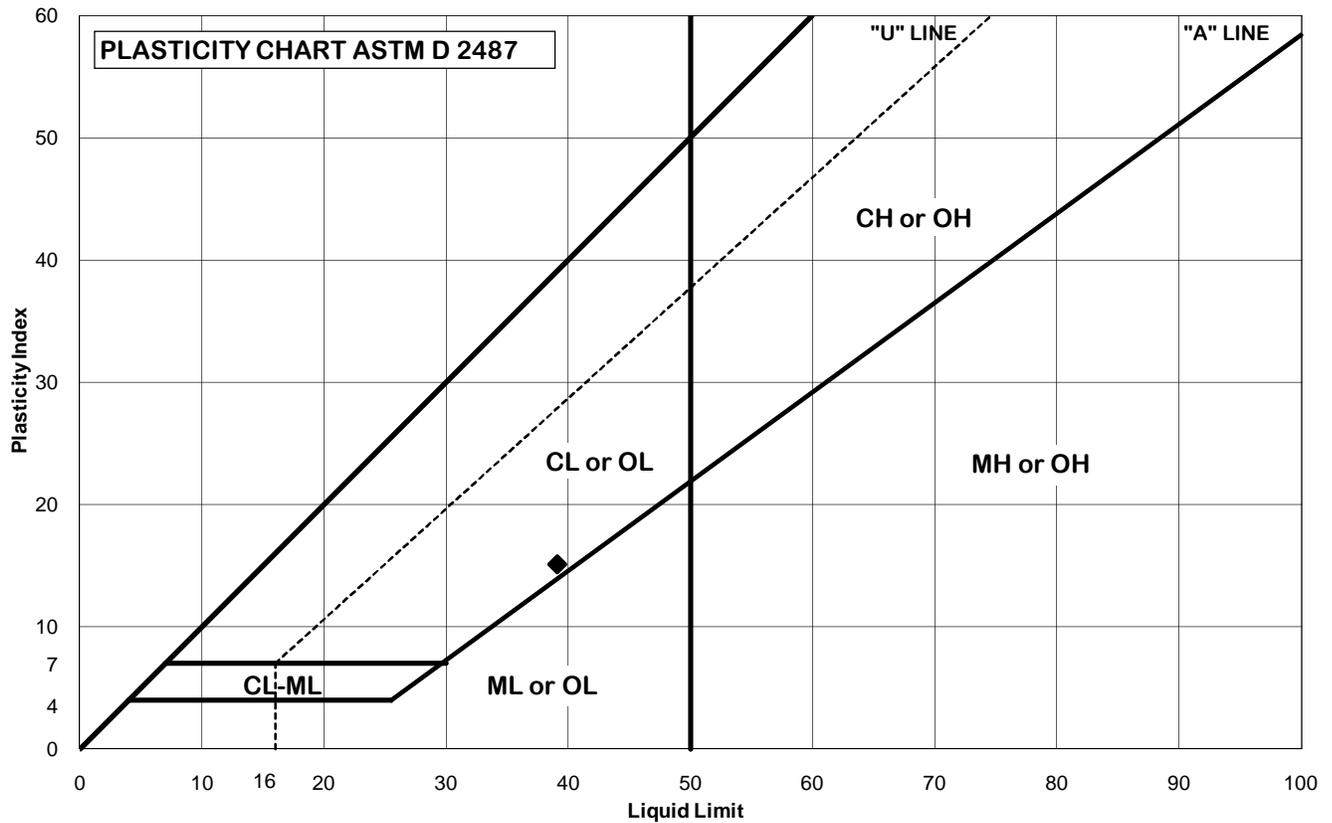
Liquid Limit =	79
Plastic Limit =	29
Plasticity Index =	50

Date:	6/15/2011
Tested By:	BH
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	18	Natural WC:	#DIV/0!
Depth, ft.	14-16	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray silty clay (CL)		

Classification (fraction passing No. 40 sieve)

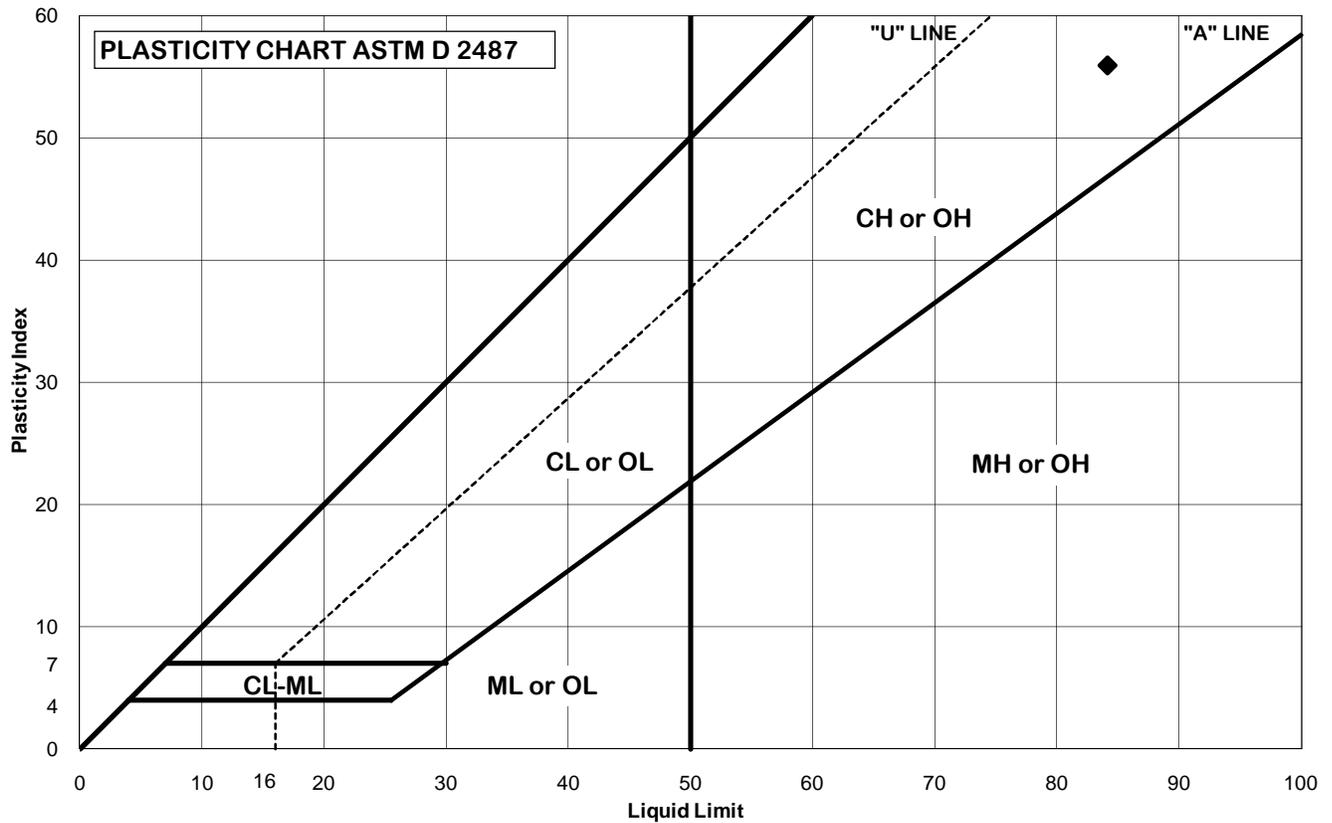
Liquid Limit =	39
Plastic Limit =	24
Plasticity Index =	15

Date:	6/14/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	18	Natural WC:	#DIV/0!
Depth, ft.	22-24	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

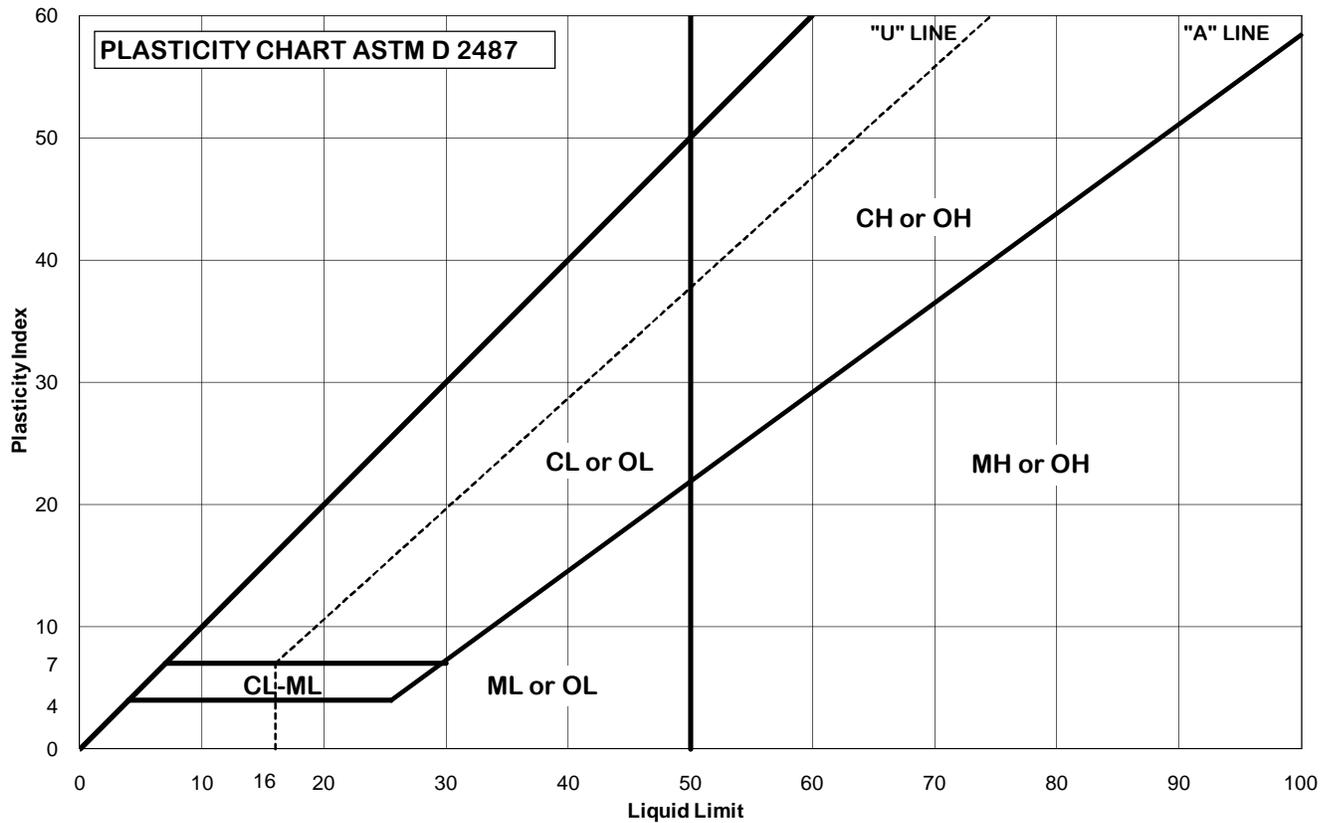
Liquid Limit =	84
Plastic Limit =	28
Plasticity Index =	56

Date:	6/15/2011
Tested By:	MJK/CL
Checked By:	DU

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	18	Natural WC:	#DIV/0!
Depth, ft.	32-34	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter (CH)		

Classification (fraction passing No. 40 sieve)

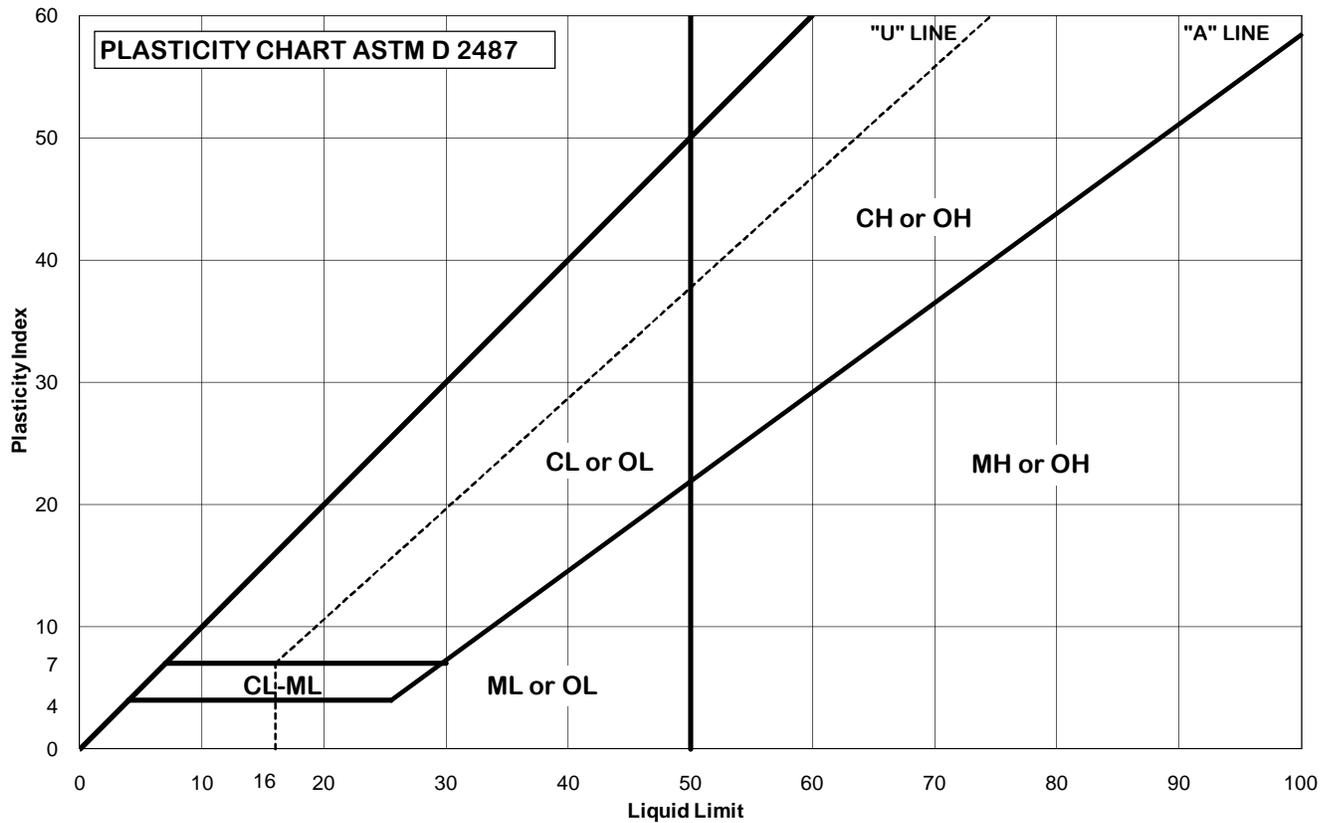
Liquid Limit =	103
Plastic Limit =	41
Plasticity Index =	62

Date:	6/15/2011
Tested By:	BH/MJK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	18	Natural WC:	#DIV/0!
Depth, ft.	37-39	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray peat (PT)		

Classification (fraction passing No. 40 sieve)

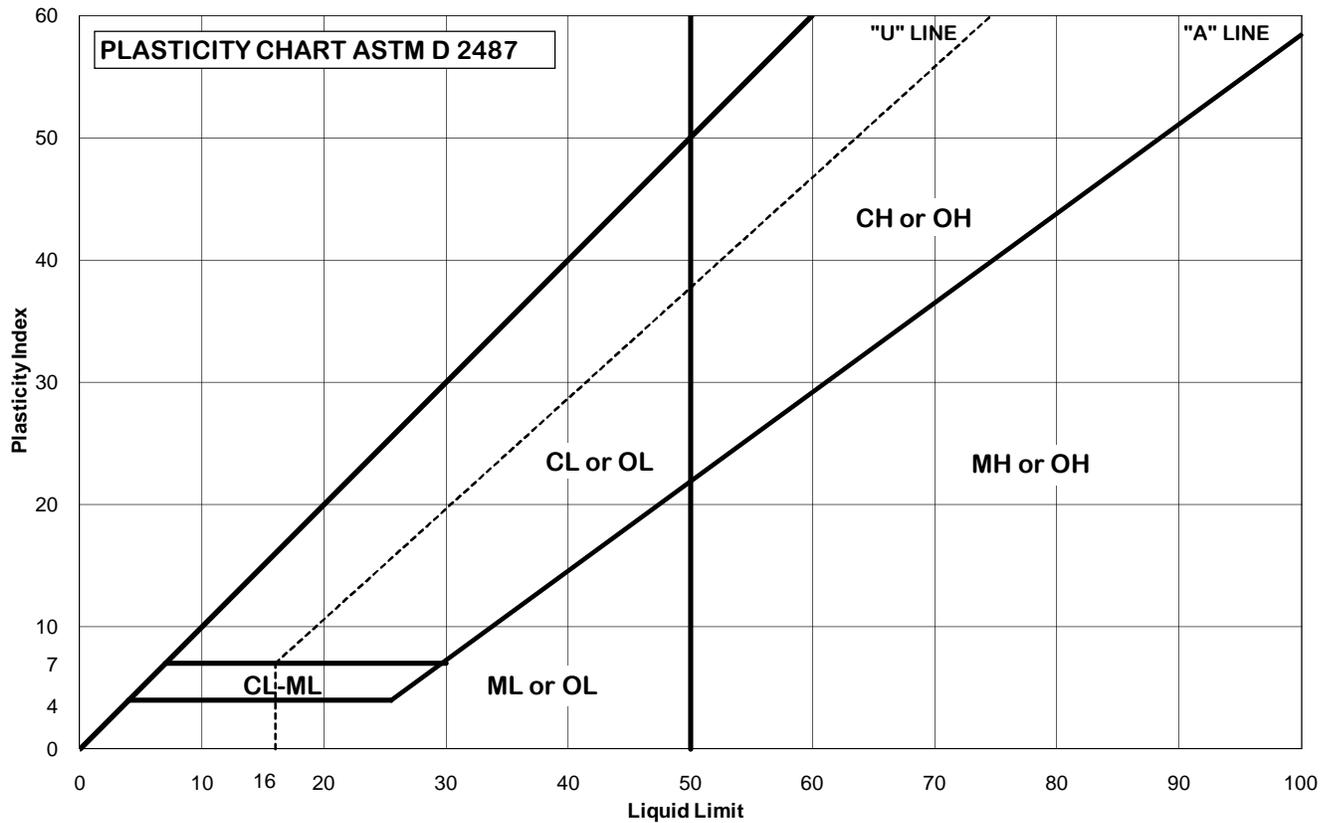
Liquid Limit =	328
Plastic Limit =	138
Plasticity Index =	190

Date:	6/15/2011
Tested By:	MJK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	18	Natural WC:	#DIV/0!
Depth, ft.	42-44	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay with organic matter (OH)		

Classification (fraction passing No. 40 sieve)

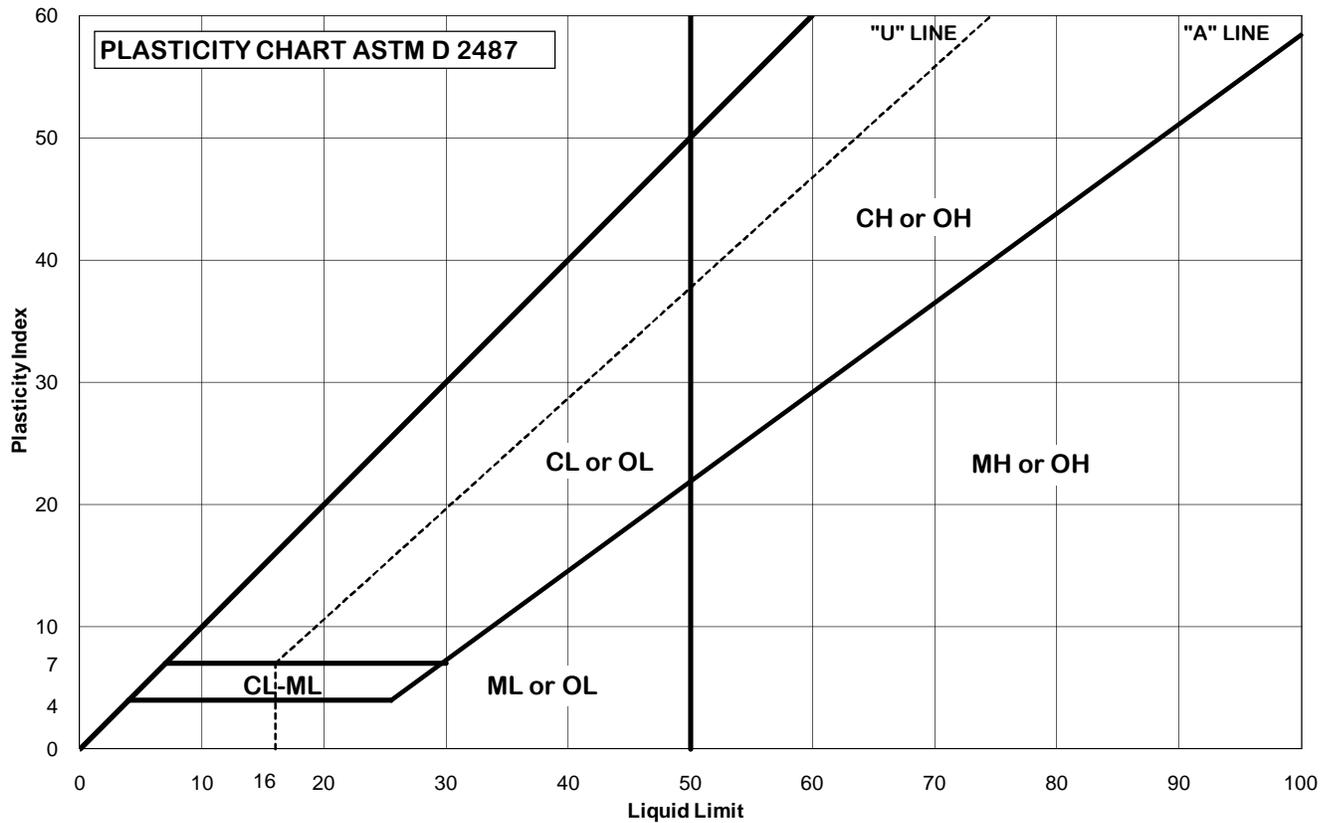
Liquid Limit =	137
Plastic Limit =	36
Plasticity Index =	100

Date:	6/14/2011
Tested By:	JRK
Checked By:	DAS

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	19	Natural WC:	#DIV/0!
Depth, ft.	4-6	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

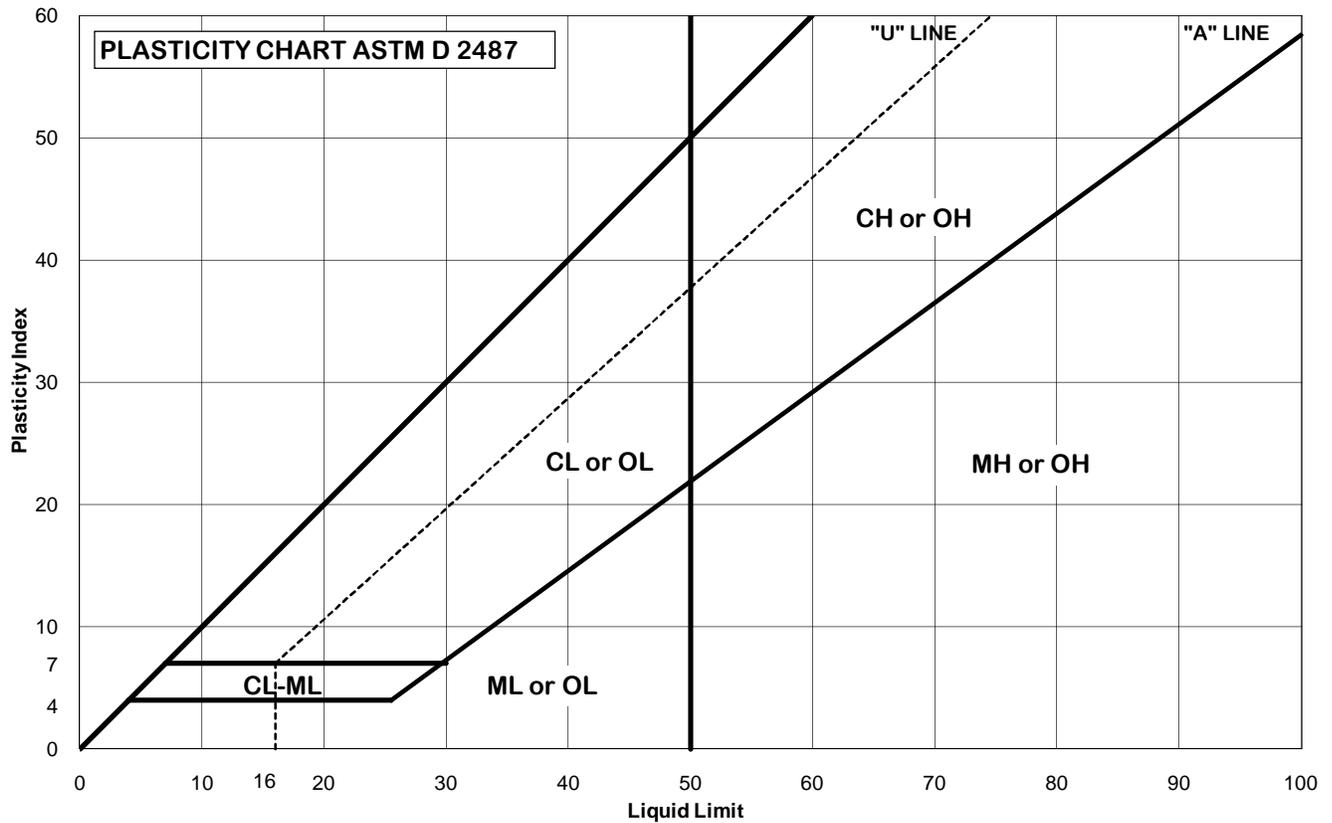
Liquid Limit =	177
Plastic Limit =	43
Plasticity Index =	134

Date:	6/15/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	19	Natural WC:	#DIV/0!
Depth, ft.	8-10	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray peat (PT)		

Classification (fraction passing No. 40 sieve)

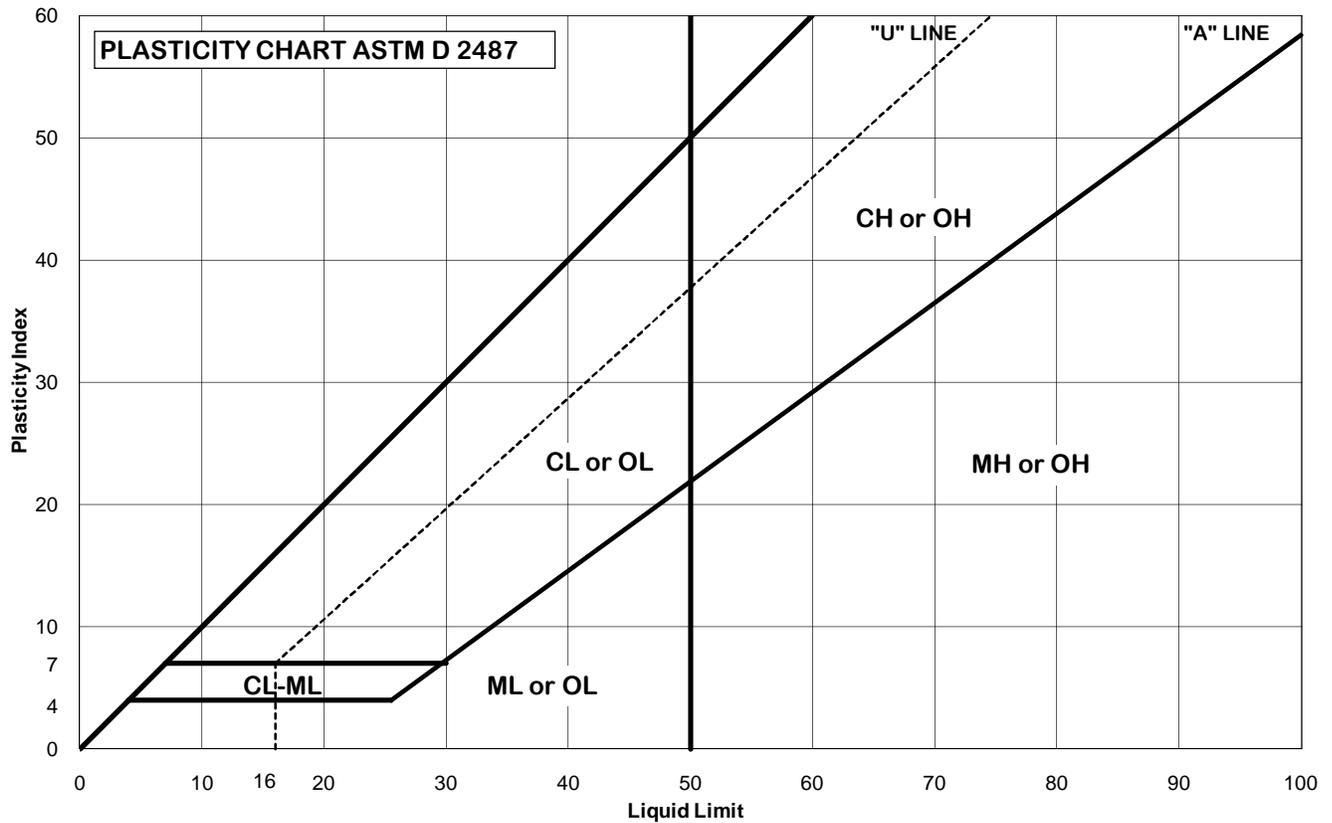
Liquid Limit =	329
Plastic Limit =	72
Plasticity Index =	257

Date:	6/15/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	19	Natural WC:	#DIV/0!
Depth, ft.	12-14	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray peat (PT)		

Classification (fraction passing No. 40 sieve)

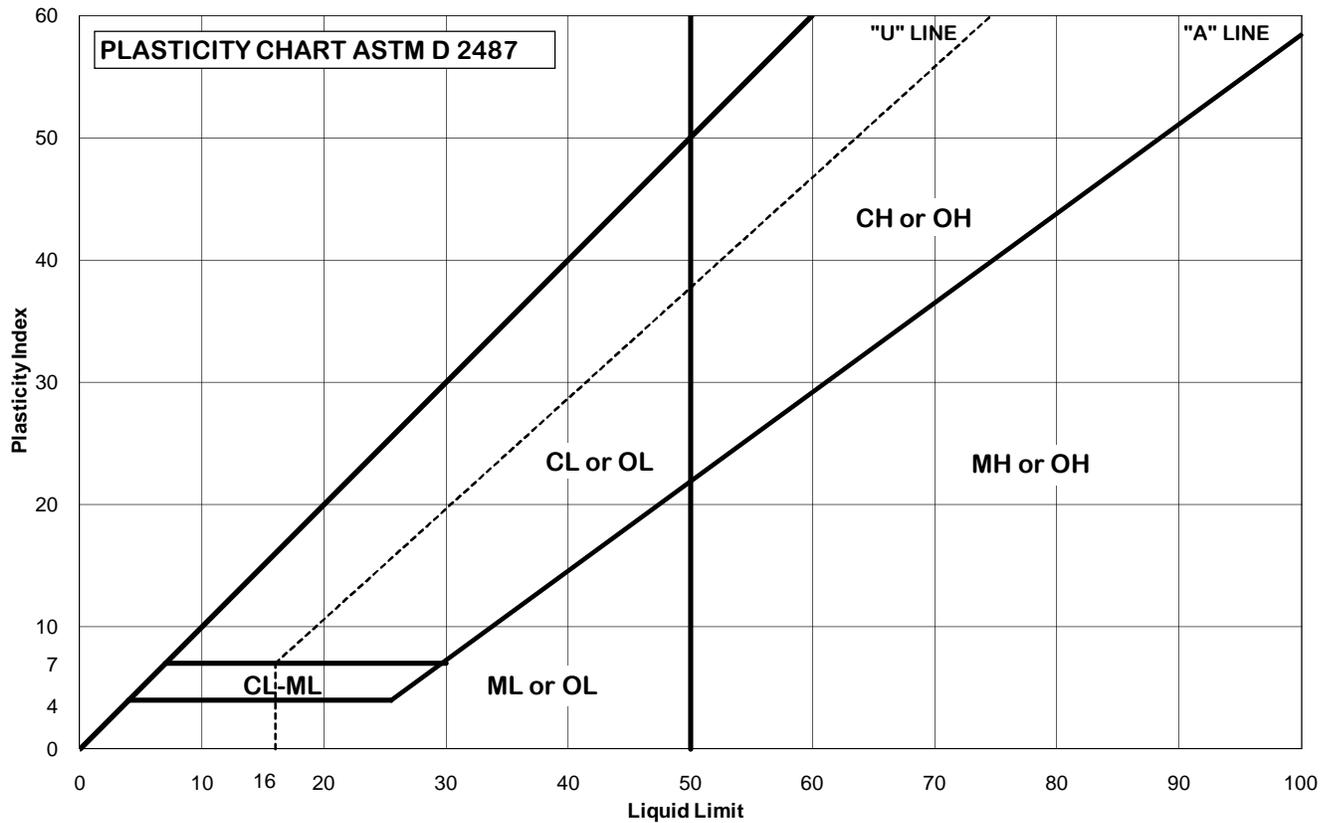
Liquid Limit =	208
Plastic Limit =	51
Plasticity Index =	157

Date:	6/15/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	19	Natural WC:	#DIV/0!
Depth, ft.	16-18	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

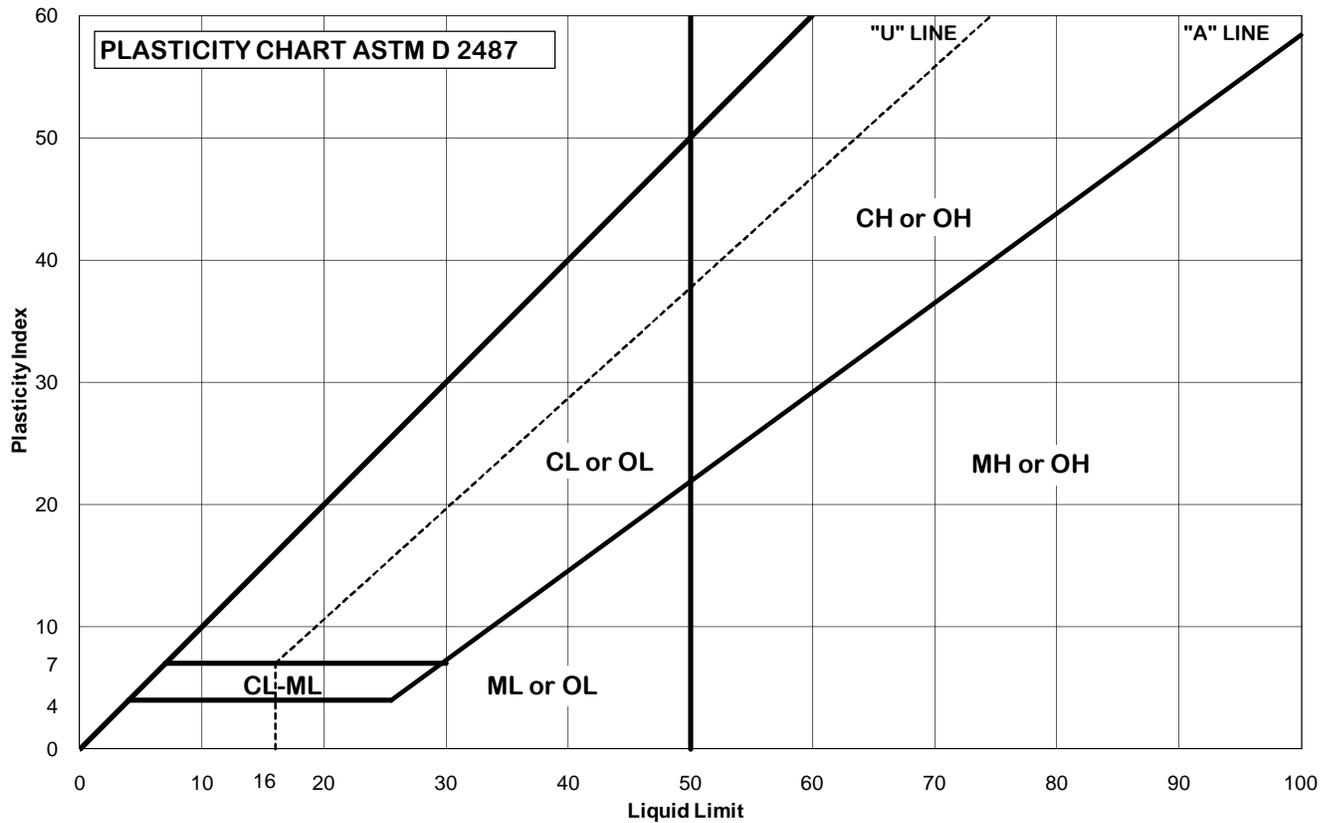
Liquid Limit =	146
Plastic Limit =	38
Plasticity Index =	108

Date:	6/15/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	19	Natural WC:	#DIV/0!
Depth, ft.	18-20	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

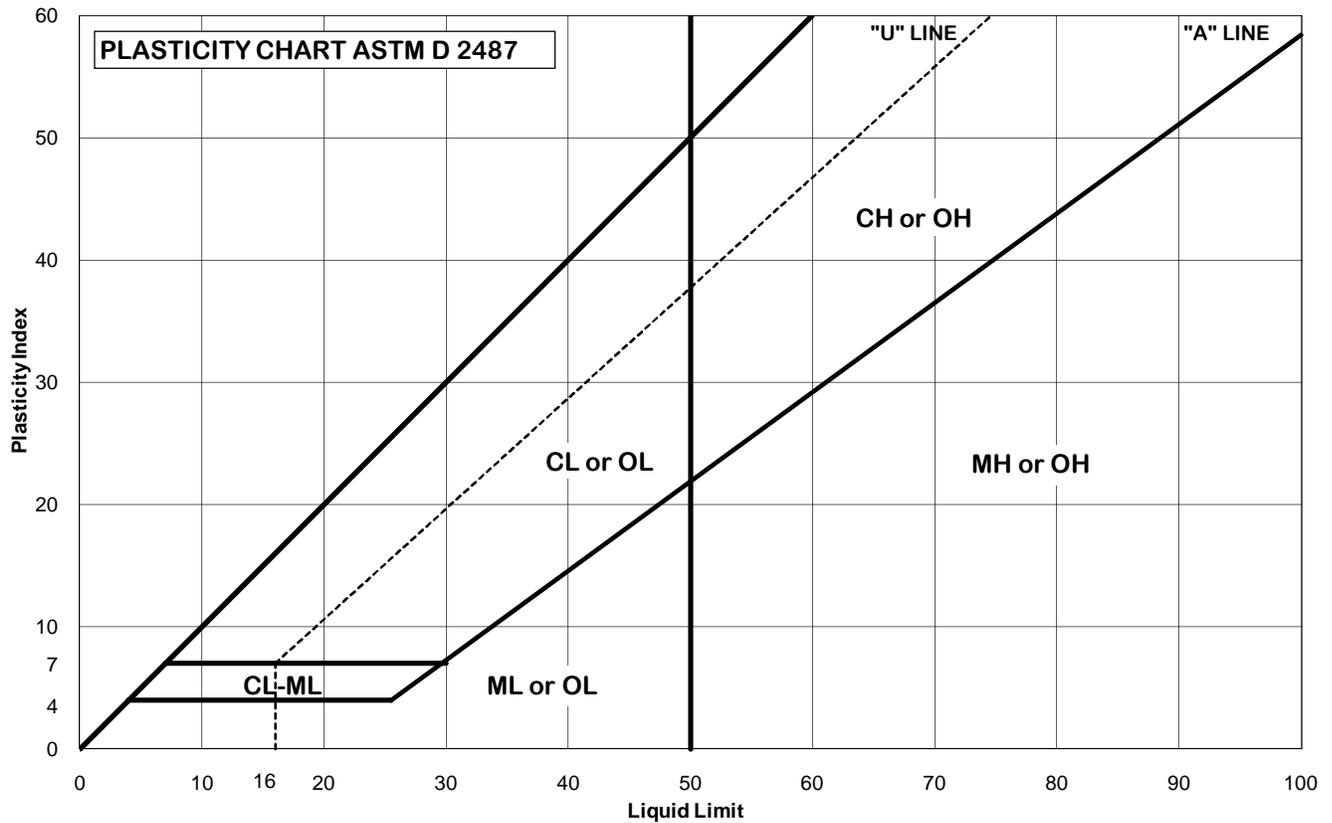
Liquid Limit =	157
Plastic Limit =	36
Plasticity Index =	121

Date:	6/15/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	19	Natural WC:	#DIV/0!
Depth, ft.	22-24	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay with organic matter (OH)		

Classification (fraction passing No. 40 sieve)

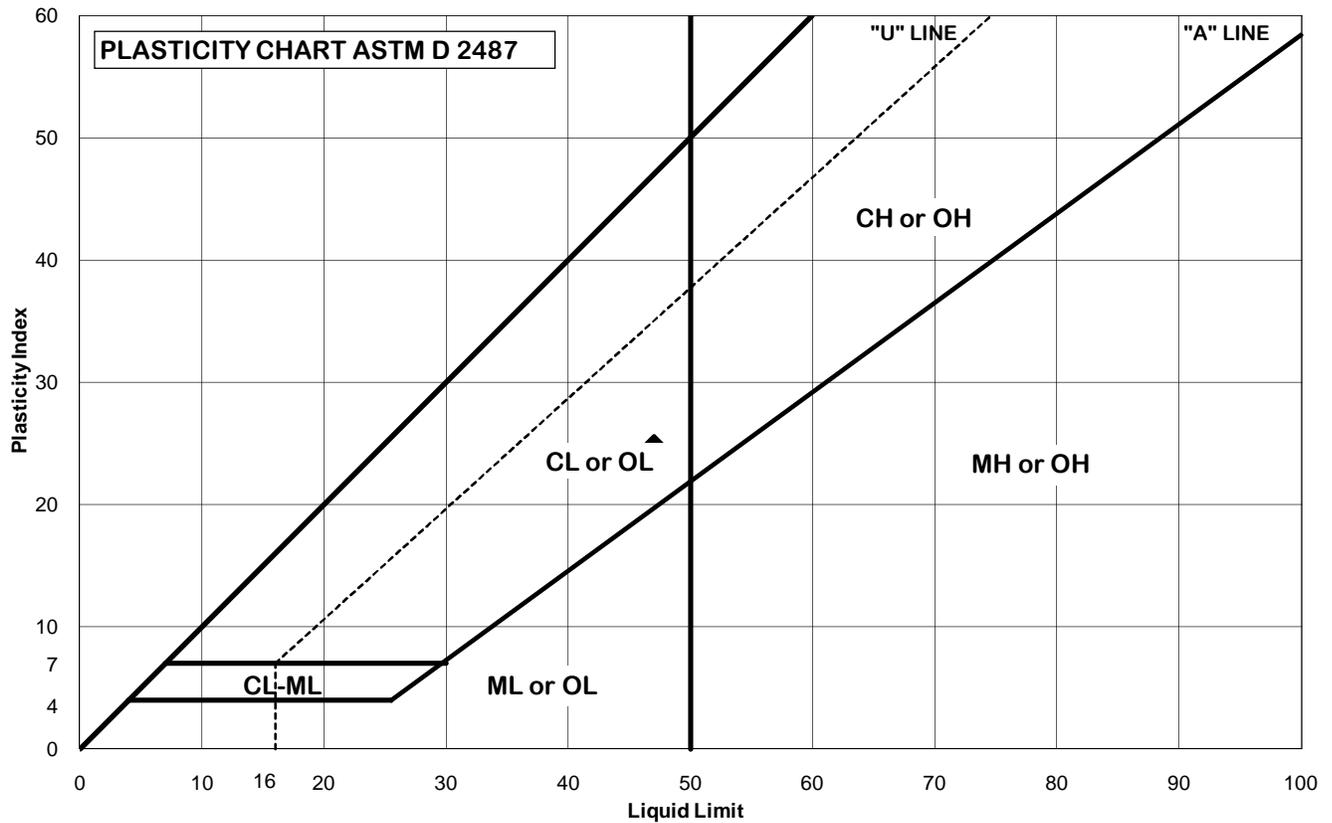
Liquid Limit =	160
Plastic Limit =	40
Plasticity Index =	121

Date:	6/16/2011
Tested By:	BH
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	19	Natural WC:	#DIV/0!
Depth, ft.	27-29	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with silt (CL)		

Classification (fraction passing No. 40 sieve)

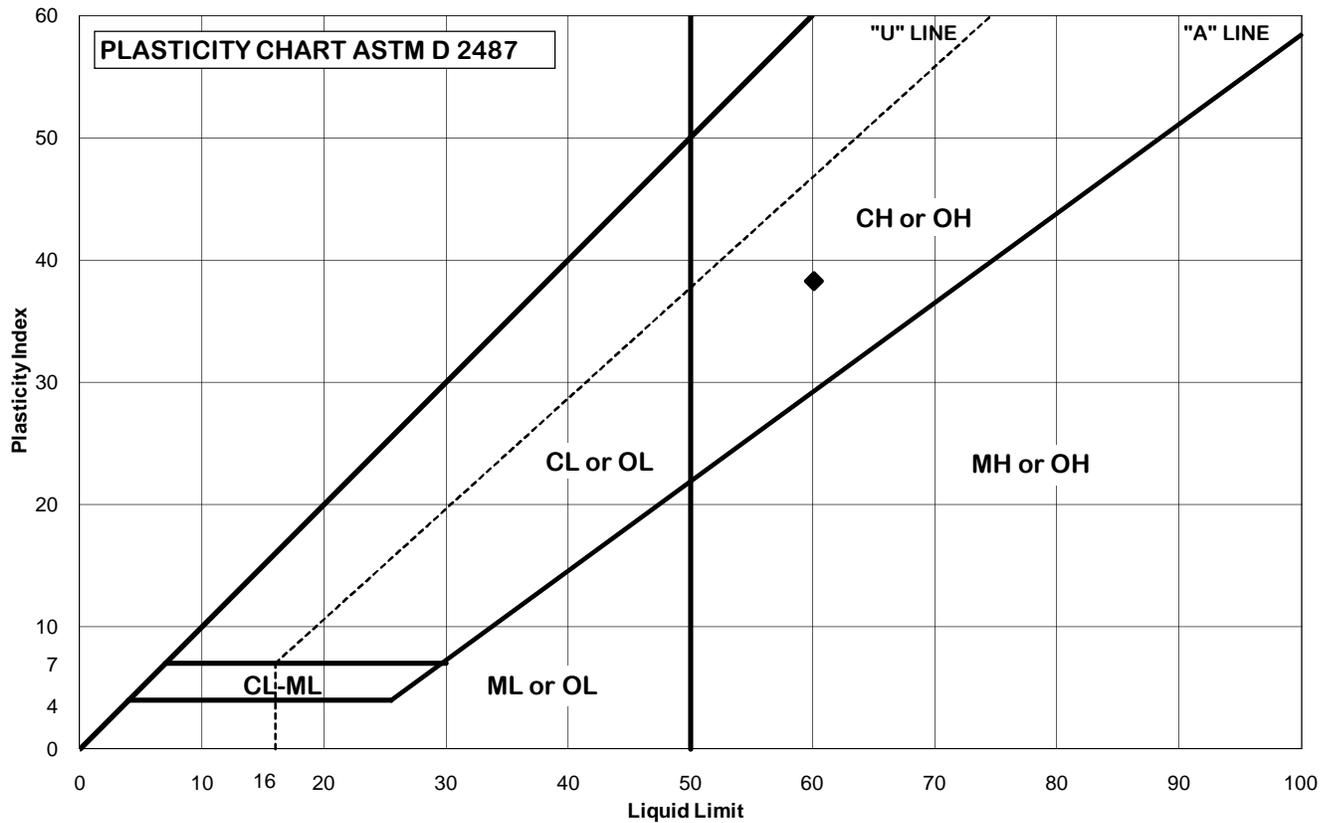
Liquid Limit =	47
Plastic Limit =	22
Plasticity Index =	25

Date:	6/15/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	19	Natural WC:	#DIV/0!
Depth, ft.	37-39	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay (CH)		

Classification (fraction passing No. 40 sieve)

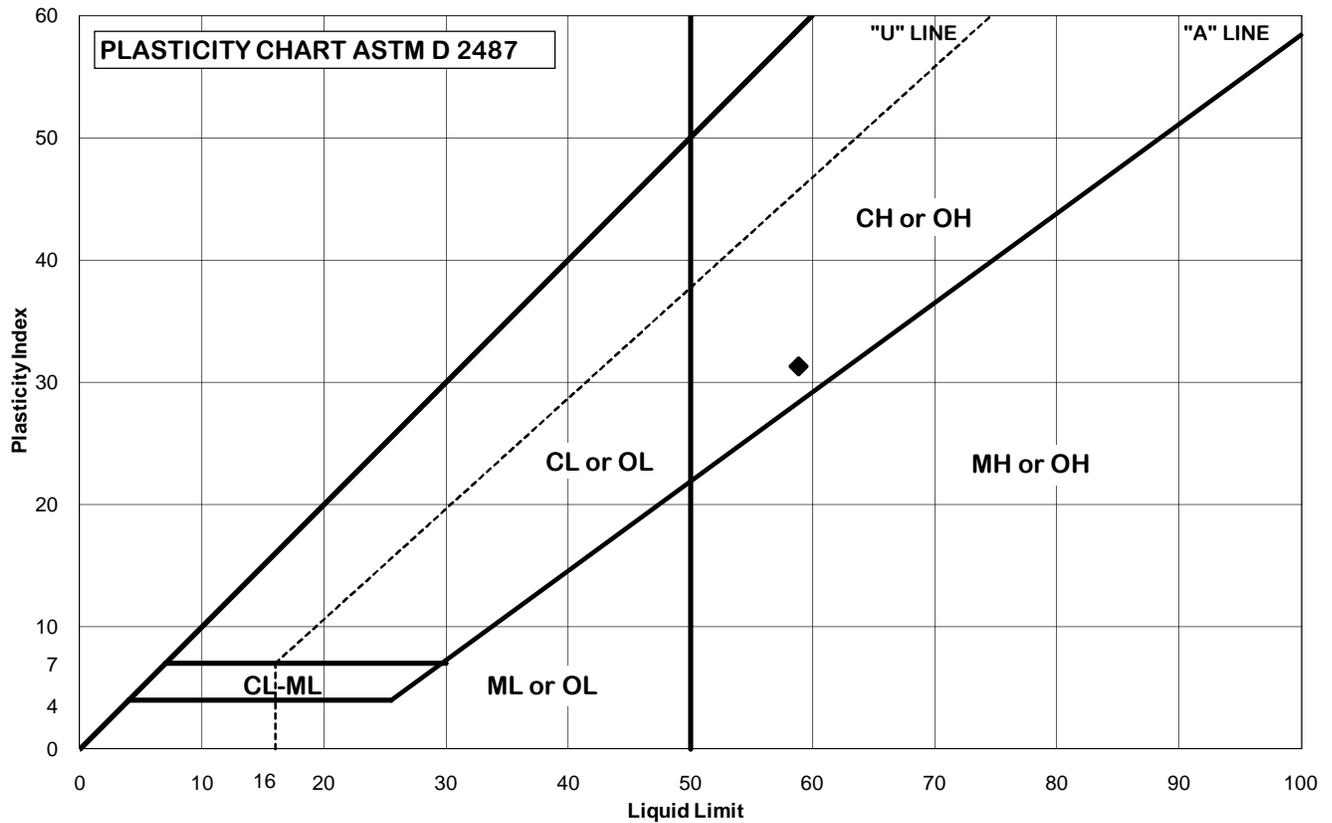
Liquid Limit =	60
Plastic Limit =	22
Plasticity Index =	38

Date:	6/15/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	19	Natural WC:	#DIV/0!
Depth, ft.	47-49	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter (CH)		

Classification (fraction passing No. 40 sieve)

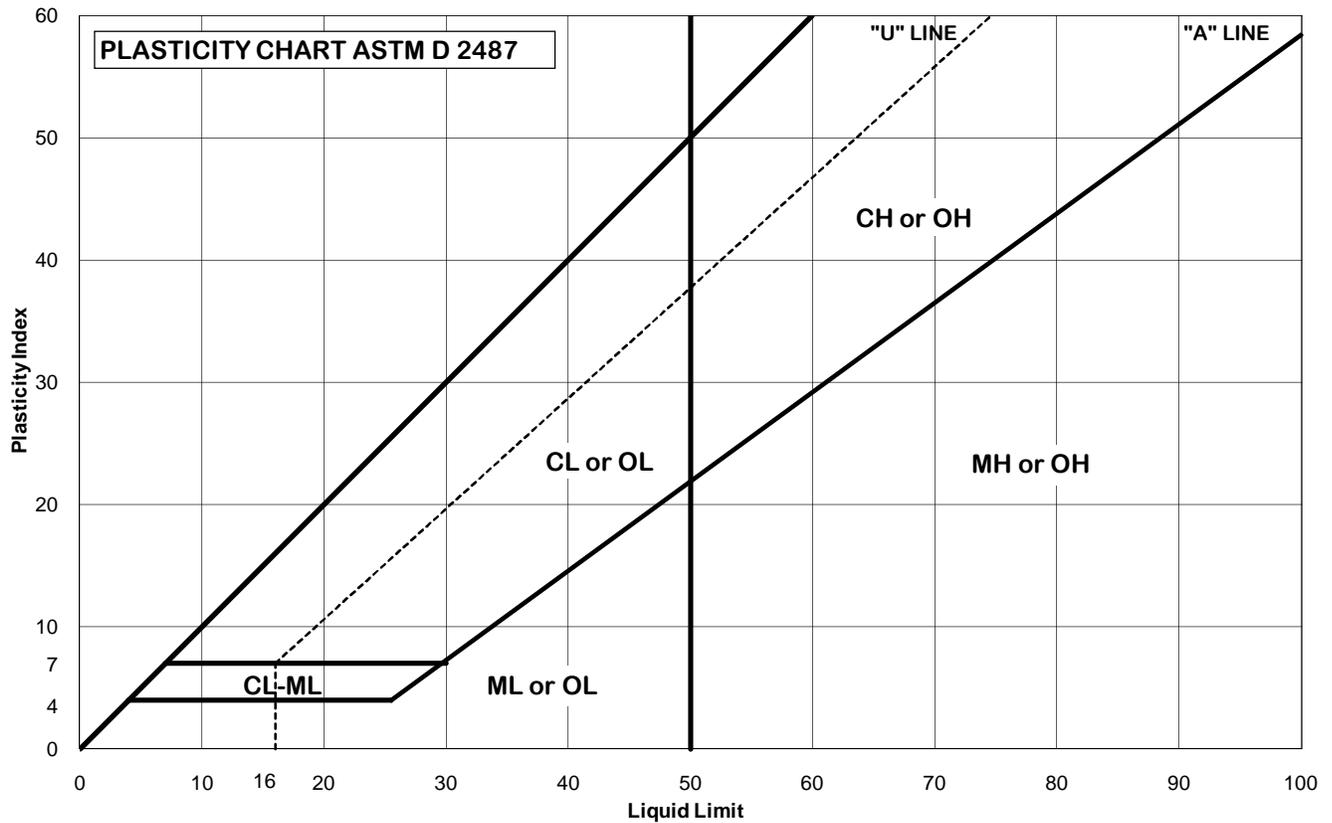
Liquid Limit =	59
Plastic Limit =	28
Plasticity Index =	31

Date:	6/16/2011
Tested By:	BH
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	20	Natural WC:	#DIV/0!
Depth, ft.	8-10	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Dark gray peat (PT)		

Classification (fraction passing No. 40 sieve)

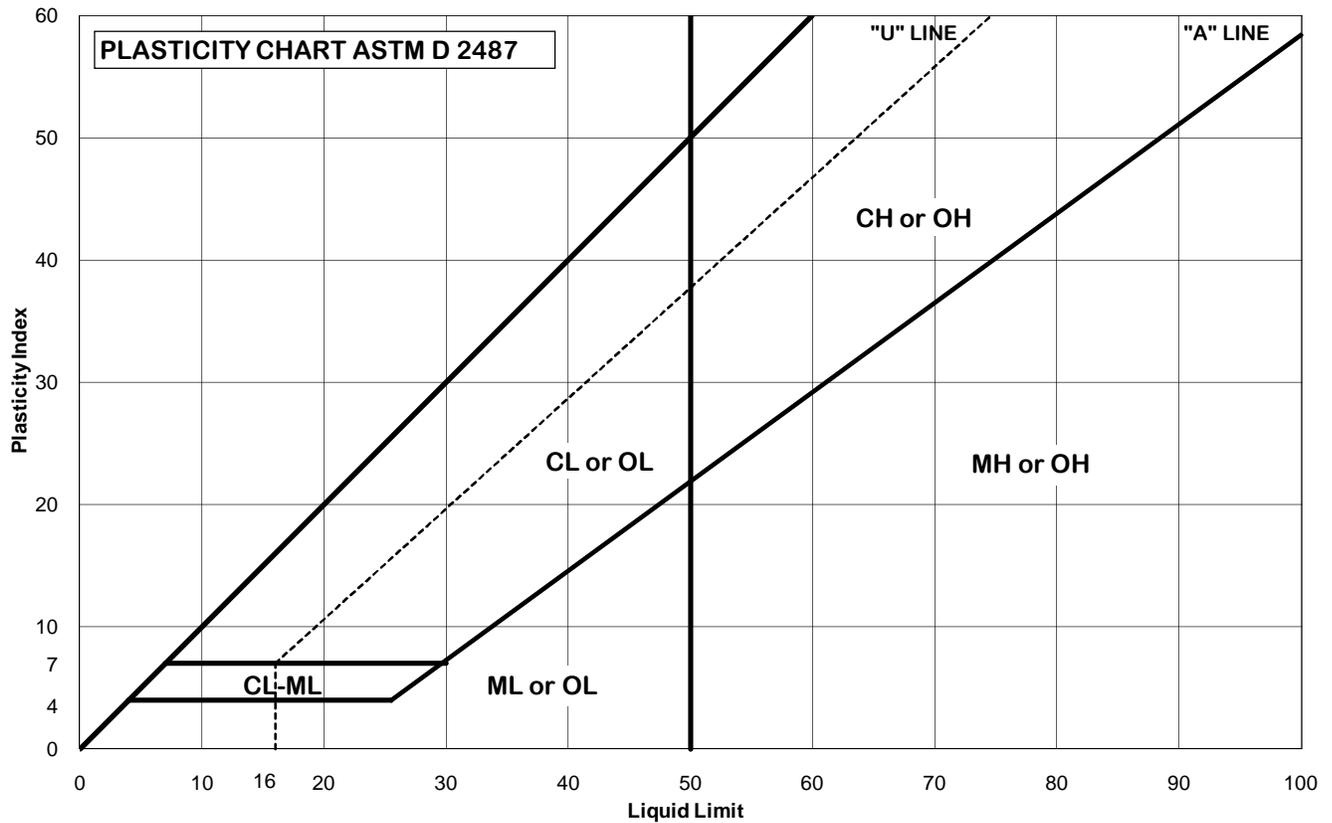
Liquid Limit =	218
Plastic Limit =	44
Plasticity Index =	174

Date:	6/15/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	20	Natural WC:	#DIV/0!
Depth, ft.	12-14	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay with organic matter (OH)		

Classification (fraction passing No. 40 sieve)

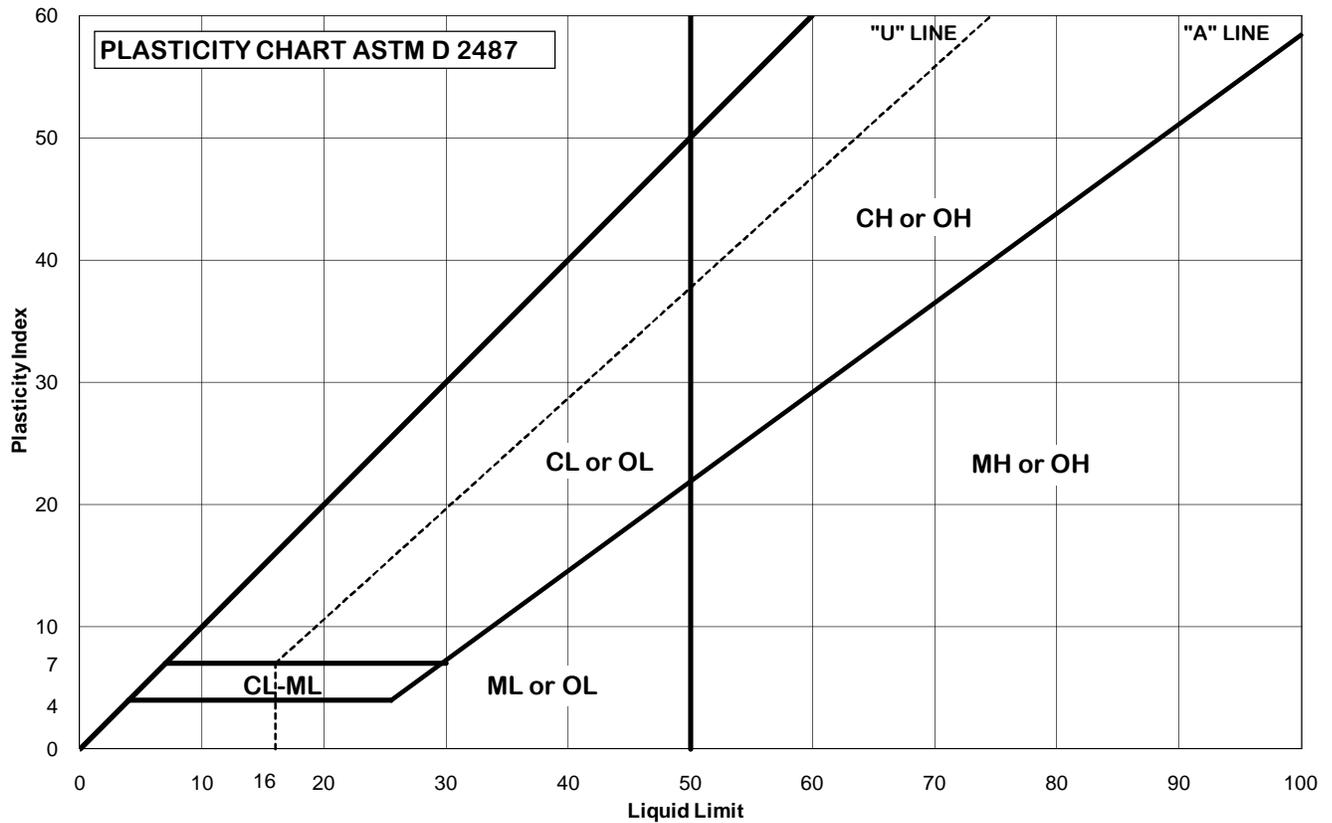
Liquid Limit =	117
Plastic Limit =	36
Plasticity Index =	80

Date:	6/15/2011
Tested By:	MJK
Checked By:	DU

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	20	Natural WC:	#DIV/0!
Depth, ft.	16-18	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay with organic matter (OH)		

Classification (fraction passing No. 40 sieve)

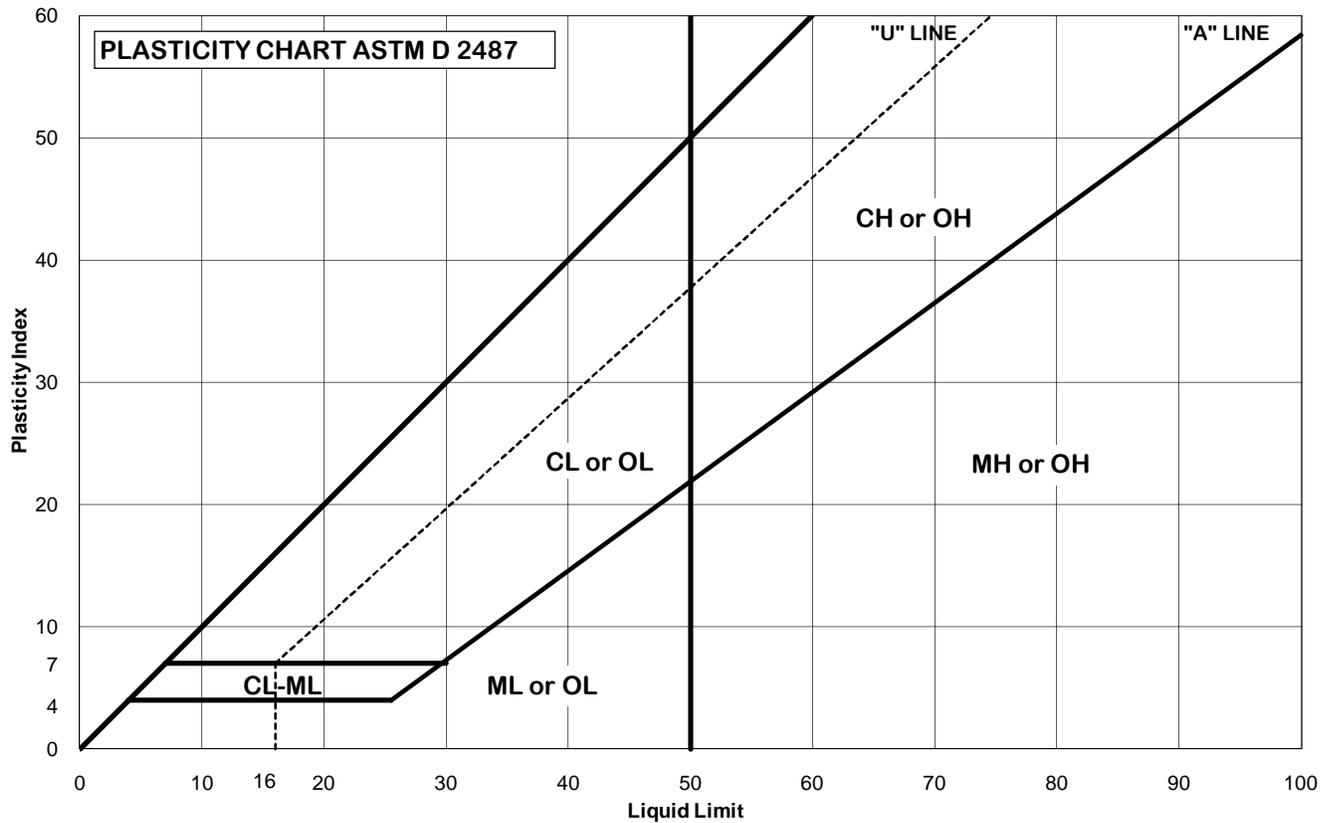
Liquid Limit =	106
Plastic Limit =	30
Plasticity Index =	76

Date:	6/16/2011
Tested By:	BH/CL
Checked By:	DAS

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	20	Natural WC:	#DIV/0!
Depth, ft.	18-20	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

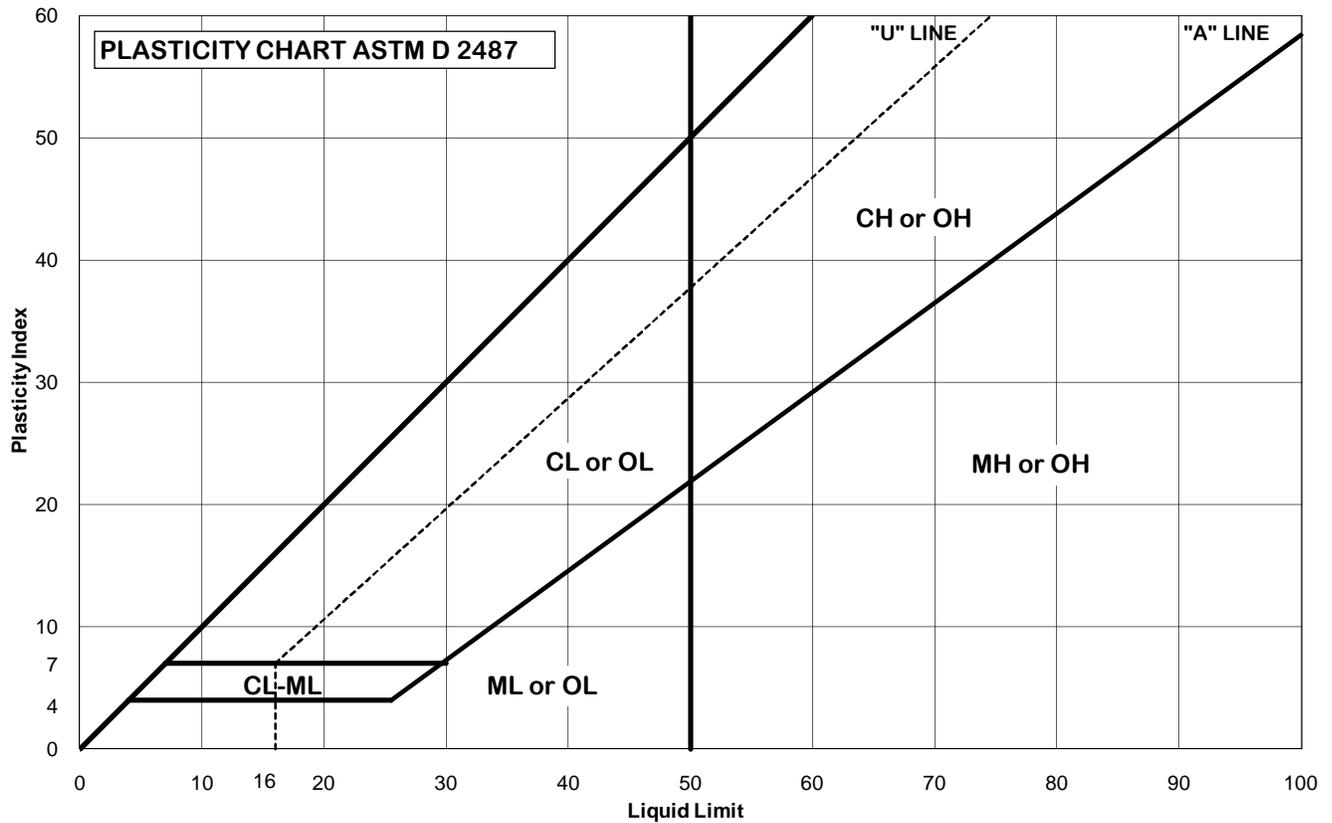
Liquid Limit =	183
Plastic Limit =	38
Plasticity Index =	145

Date:	6/15/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	20	Natural WC:	#DIV/0!
Depth, ft.	22-24	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

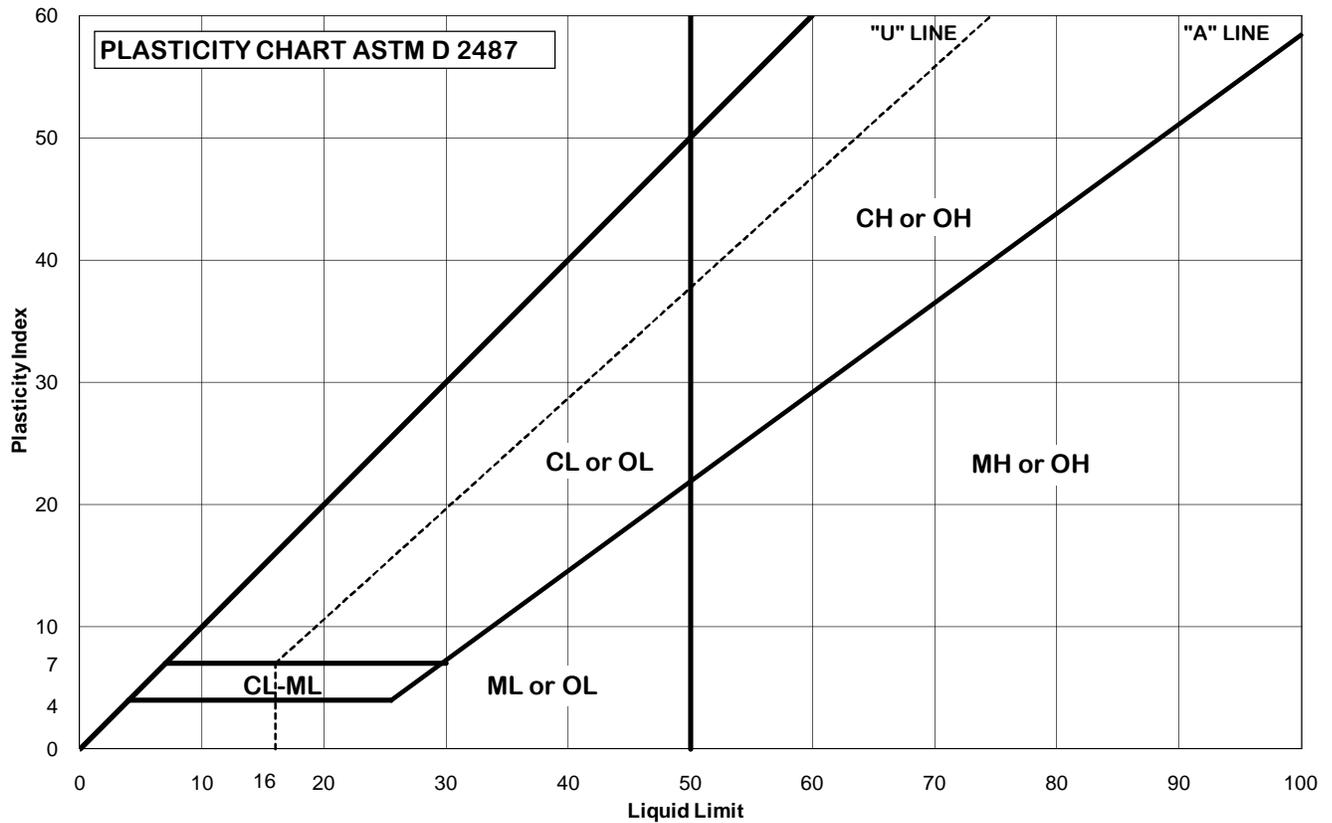
Liquid Limit =	131
Plastic Limit =	38
Plasticity Index =	92

Date:	6/15/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	20	Natural WC:	#DIV/0!
Depth, ft.	26-28	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay (OH)		

Classification (fraction passing No. 40 sieve)

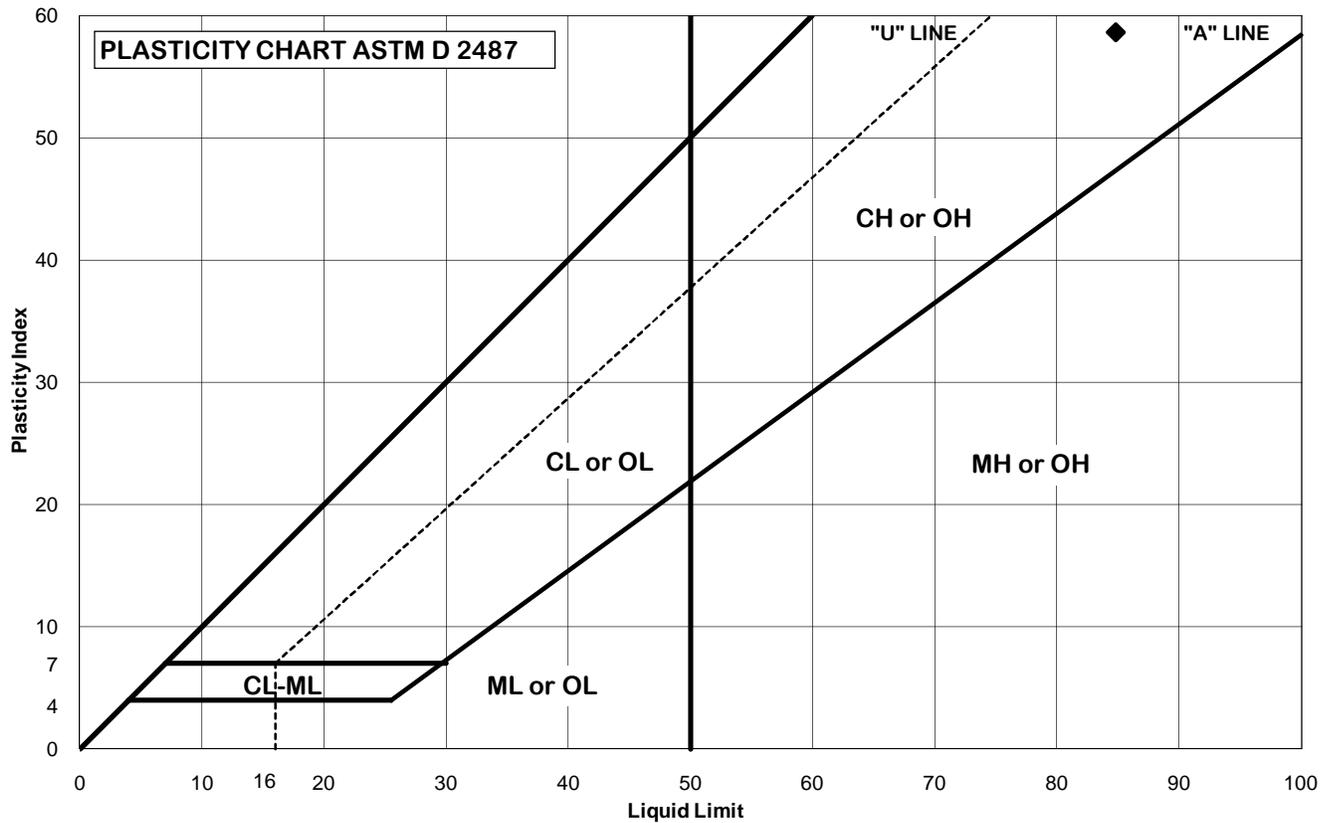
Liquid Limit =	208
Plastic Limit =	50
Plasticity Index =	158

Date:	6/15/2011
Tested By:	JRK
Checked By:	DU

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	20	Natural WC:	#DIV/0!
Depth, ft.	41-43	Preparation:	Wet (as-received)
Cup No.	1029	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray clay with organic matter (CH)		

Classification (fraction passing No. 40 sieve)

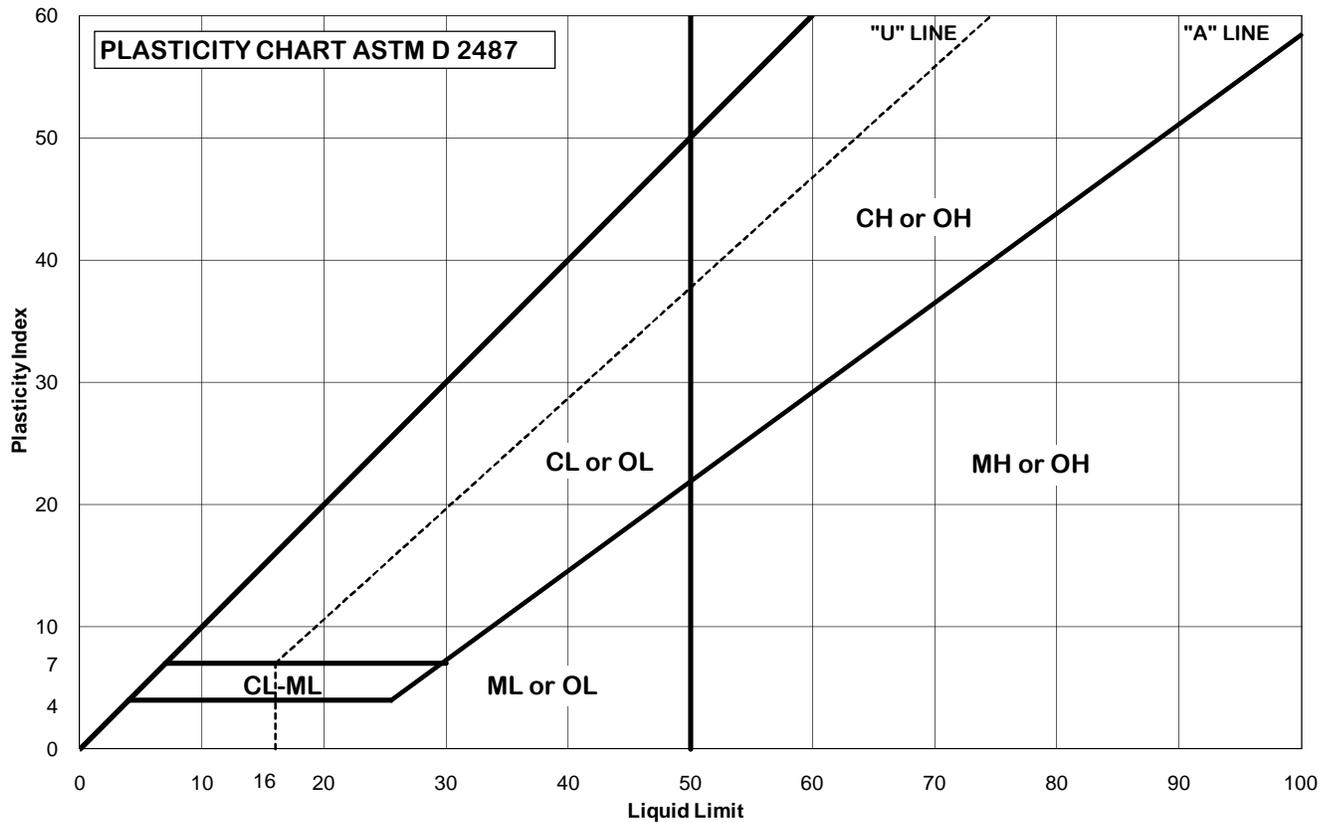
Liquid Limit =	85
Plastic Limit =	26
Plasticity Index =	59

Date:	6/16/2011
Tested By:	BH
Checked By:	DAS

NOTES:

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 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00



ATTERBERG LIMITS DETERMINATION - ASTM D4318/AASHTO T-89, T-90			
Project	Lost Lake Marsh Creation		
Project No.	16715-020-00		
Boring No.	20	Natural WC:	#DIV/0!
Depth, ft.	56-58	Preparation:	Wet (as-received)
Cup No.	1028	No. Points:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Multi
Percent Retained on No. 40	0	Estimated or Tested	0.0
Original sample description:	Gray organic clay with shells (OH)		

Classification (fraction passing No. 40 sieve)

Liquid Limit =	143
Plastic Limit =	38
Plasticity Index =	105

Date:	6/15/2011
Tested By:	JRK
Checked By:	DU

NOTES:

NOTE: This test is performed only on that portion of the soil that passes the No. 40 sieve. Therefore, the relative contribution of this portion of the soil to the properties of the sample as a whole must be considered when using these tests to evaluate properties of a soil. This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes. Test(s) were performed in general accordance with the the referenced method(s). Any deviations are documented in the notes section.

 11955 Lakeland Park Blvd Suite 100 Baton Rouge, LA 70809 (225)-293-2460	ATTERBERG LIMITS - ASTM D4318
	Lost Lake Marsh Creation
	16715-020-00

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:		Tested By:	CL
Project No.:	16715-020-00	Date Tested:	6/9/11	Checked By:	DAS
Oven ID:	1104	Drying Temp:	101 C	Scale ID:	1335
				Method (A/B):	B

Boring / Sample No.	1	1	
Depth (ft.)	13-15	17-19	
Can Number	558	506	
Can Wt. (g)	22.63	22.56	
Can + Wet Soil (g)	116.63	113.18	
Can + Dry Soil (g)	67.97	54.37	
Moisture loss (g)	48.66	58.81	
Dry Soil Wt. (g)	45.34	31.81	
Moisture Content (%)	107.3	184.9	
Mass meets Table 1?	Y	Y	
Entire sample used? Y/N	N	N	
Visual Soil Description (ASTM D2488)	Very soft dark gray peat (OH)	Very soft gray clay with organic matter and shells (CH)	

Boring / Sample No.			
Depth (ft.)			
Can Number			
Can Wt. (g)			
Can + Wet Soil (g)			
Can + Dry Soil (g)			
Moisture loss (g)			
Dry Soil Wt. (g)			
Moisture Content (%)			
Mass meets Table 1?			
Entire sample used? Y/N			
Visual Soil Description (ASTM D2488)			

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/20/11	Tested By:	CB
Project No.:	16715-020-00	Date Tested:	6/9/11	Checked By:	DAS
Oven ID:	1104	Drying Temp:	110 C	Scale ID:	1334
				Method (A/B):	B

Boring / Sample No.	2			
Depth (ft.)	22-24			
Can Number	311			
Can Wt. (g)	18.31			
Can + Wet Soil (g)	140.28			
Can + Dry Soil (g)	64.45			
Moisture loss (g)	75.83			
Dry Soil Wt. (g)	46.14			
Moisture Content (%)	164.3			
Mass meets Table 1?	Y			
Entire sample used? Y/N	N			
Visual Soil Description (ASTM D2488)	Very soft dark organic clay (OH)			

Boring / Sample No.				
Depth (ft.)				
Can Number				
Can Wt. (g)				
Can + Wet Soil (g)				
Can + Dry Soil (g)				
Moisture loss (g)				
Dry Soil Wt. (g)				
Moisture Content (%)				
Mass meets Table 1?				
Entire sample used? Y/N				
Visual Soil Description (ASTM D2488)				

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/20/11	Tested By:	CL
Project No.:	16715-020-00	Date Tested:	6/9/11	Checked By:	DAS
Oven ID:	1104	Drying Temp:	110 C	Scale ID:	1334
				Method (A/B):	B

Boring / Sample No.	3			
Depth (ft.)	4-6			
Can Number	415			
Can Wt. (g)	27.31			
Can + Wet Soil (g)	149.84			
Can + Dry Soil (g)	74.16			
Moisture loss (g)	75.68			
Dry Soil Wt. (g)	46.85			
Moisture Content (%)	161.5			
Mass meets Table 1?	Y			
Entire sample used? Y/N	N			
Visual Soil Description (ASTM D2488)	Very soft gray organic clay (OH)			

Boring / Sample No.				
Depth (ft.)				
Can Number				
Can Wt. (g)				
Can + Wet Soil (g)				
Can + Dry Soil (g)				
Moisture loss (g)				
Dry Soil Wt. (g)				
Moisture Content (%)				
Mass meets Table 1?				
Entire sample used? Y/N				
Visual Soil Description (ASTM D2488)				

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/20/11	Tested By:	CL
Project No.:	16715-020-00	Date Tested:	6/10/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110 C	Scale ID:	1335
				Method (A/B):	B

Boring / Sample No.	4			
Depth (ft.)	4-6			
Can Number	565			
Can Wt. (g)	22.63			
Can + Wet Soil (g)	140.37			
Can + Dry Soil (g)	64.61			
Moisture loss (g)	75.76			
Dry Soil Wt. (g)	41.98			
Moisture Content (%)	180.5			
Mass meets Table 1?	Y			
Entire sample used? Y/N	N			
Visual Soil Description (ASTM D2488)	Very soft gray organic clay (OH)			

Boring / Sample No.				
Depth (ft.)				
Can Number				
Can Wt. (g)				
Can + Wet Soil (g)				
Can + Dry Soil (g)				
Moisture loss (g)				
Dry Soil Wt. (g)				
Moisture Content (%)				
Mass meets Table 1?				
Entire sample used? Y/N				
Visual Soil Description (ASTM D2488)				

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/20/11	Tested By:	CL
Project No.:	16715-020-00	Date Tested:	6/10/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110 C	Scale ID:	1335
				Method (A/B):	B

Boring / Sample No.	4	4	
Depth (ft.)	27-29	47-49	
Can Number	114	144	
Can Wt. (g)	19.23	19.31	
Can + Wet Soil (g)	110.24	134.43	
Can + Dry Soil (g)	66.08	106.24	
Moisture loss (g)	44.16	28.19	
Dry Soil Wt. (g)	46.85	86.93	
Moisture Content (%)	94.3	32.4	
Mass meets Table 1?	Y	Y	
Entire sample used? Y/N	N	N	
Visual Soil Description (ASTM D2488)	Very soft gray organic clay (OH)	Very soft gray silty clay (CL)	

Boring / Sample No.			
Depth (ft.)			
Can Number			
Can Wt. (g)			
Can + Wet Soil (g)			
Can + Dry Soil (g)			
Moisture loss (g)			
Dry Soil Wt. (g)			
Moisture Content (%)			
Mass meets Table 1?			
Entire sample used? Y/N			
Visual Soil Description (ASTM D2488)			

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/20/11	Tested By:	CL
Project No.:	16715-020-00	Date Tested:	5/27/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110° C	Scale ID:	1335
				Method (A/B):	B

Boring / Sample No.	6	6	6	6
Depth (ft.)	5-7	7-9	9-11	11-13
Can Number	401	505	512	504
Can Wt. (g)	27.30	22.58	22.50	22.58
Can + Wet Soil (g)	128.01	138.29	104.69	133.52
Can + Dry Soil (g)	74.97	93.14	61.90	70.78
Moisture loss (g)	53.04	45.15	42.79	62.74
Dry Soil Wt. (g)	47.67	70.56	39.40	48.20
Moisture Content (%)	111.3	64.0	108.6	130.2
Mass meets Table 1?	Y	Y	Y	Y
Entire sample used? Y/N	N	N	N	N
Visual Soil Description (ASTM D2488)	Very soft dark gray organic clay (OH)	Very soft gray clay with organic matter (CH)	Very soft dark gray organic clay (OH)	Very soft dark gray organic clay (OH)

Boring / Sample No.	6	6	6	
Depth (ft.)	15-17	19-21	23-25	
Can Number	106	233	121	
Can Wt. (g)	19.20	18.46	19.21	
Can + Wet Soil (g)	147.27	148.38	114.11	
Can + Dry Soil (g)	83.16	81.74	66.77	
Moisture loss (g)	64.11	66.64	47.34	
Dry Soil Wt. (g)	63.96	63.28	47.56	
Moisture Content (%)	100.2	105.3	99.5	
Mass meets Table 1?	Y	Y	Y	
Entire sample used? Y/N	N	N	N	
Visual Soil Description (ASTM D2488)	Very soft dark gray organic clay (OH)	Very soft dark gray organic clay (OH)	Very soft dark gray organic clay (OH)	

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/20/11	Tested By:	CB
Project No.:	16715-020-00	Date Tested:	6/2/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110° C	Scale ID:	1334
				Method (A/B):	B

Boring / Sample No.	7	7	7	7
Depth (ft.)	11-13	17-19	23-25	33-35
Can Number	234	303	498	144
Can Wt. (g)	18.39	18.35	27.37	19.32
Can + Wet Soil (g)	121.09	117.38	144.49	148.30
Can + Dry Soil (g)	63.39	69.70	93.14	96.23
Moisture loss (g)	57.70	47.68	51.35	52.07
Dry Soil Wt. (g)	45.00	51.35	65.77	76.91
Moisture Content (%)	128.2	92.9	78.1	67.7
Mass meets Table 1?	Y	Y	Y	Y
Entire sample used? Y/N	N	N	N	N
Visual Soil Description (ASTM D2488)	Very soft gray organic clay (OH)	Very soft gray organic clay (OH)	Very soft gray clay (CH)	Very soft gray clay (CH)

Boring / Sample No.	7			
Depth (ft.)	38-40			
Can Number	110			
Can Wt. (g)	19.28			
Can + Wet Soil (g)	102.17			
Can + Dry Soil (g)	51.41			
Moisture loss (g)	50.76			
Dry Soil Wt. (g)	32.13			
Moisture Content (%)	158.0			
Mass meets Table 1?				
Entire sample used? Y/N				
Visual Soil Description (ASTM D2488)	Very soft gray organic clay (OH)			

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/20/11	Tested By:	CL
Project No.:	16715-020-00	Date Tested:	5/27/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110° C	Scale ID:	1335
				Method (A/B):	B

Boring / Sample No.	8	8	8	8
Depth (ft.)	7-9	9-11	11-13	15-17
Can Number	128	165	196	205
Can Wt. (g)	19.26	19.23	19.36	18.27
Can + Wet Soil (g)	115.85	116.40	146.85	122.47
Can + Dry Soil (g)	67.22	60.99	95.66	75.55
Moisture loss (g)	48.63	55.41	51.19	46.92
Dry Soil Wt. (g)	47.96	41.76	76.30	57.28
Moisture Content (%)	101.4	132.7	67.1	81.9
Mass meets Table 1?	Y	Y	Y	Y
Entire sample used? Y/N	N	N	N	N
Visual Soil Description (ASTM D2488)	Very soft dark gray organic clay (OH)	Very soft dark gray organic clay with shells (OH)	Very soft gray clay with silt, organic matter and shells (CL)	Very soft gray clay (CH)

Boring / Sample No.	8	8	8	
Depth (ft.)	17-19	21-23	25-27	
Can Number	319	142	214	
Can Wt. (g)	18.00	19.16	18.33	
Can + Wet Soil (g)	142.30	104.03	125.00	
Can + Dry Soil (g)	81.94	61.22	67.30	
Moisture loss (g)	60.36	42.81	57.70	
Dry Soil Wt. (g)	63.94	42.06	48.97	
Moisture Content (%)	94.4	101.8	117.8	
Mass meets Table 1?	Y	Y	Y	
Entire sample used? Y/N	N	N	N	
Visual Soil Description (ASTM D2488)	Very soft dark gray organic clay (OH)	Very soft dark gray organic clay (OH)	Very soft dark gray organic clay with shells (OH)	

TABLE 1: Minimum Sample Mass:		Method A	Method B	NOTES: This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	Max. Particle Size (100% Passing)	Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/20/11	Tested By:	CL
Project No.:	16715-020-00	Date Tested:	5/27/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110° C	Scale ID:	1335
				Method (A/B):	B

Boring / Sample No.	9	9	9	9
Depth (ft.)	7-9	9-11	11-13	13-15
Can Number	582	518	511	517
Can Wt. (g)	22.52	22.59	22.49	22.54
Can + Wet Soil (g)	116.31	138.01	127.31	113.15
Can + Dry Soil (g)	65.79	88.04	64.08	61.61
Moisture loss (g)	50.52	49.97	63.23	51.54
Dry Soil Wt. (g)	43.27	65.45	41.59	39.07
Moisture Content (%)	116.8	76.3	152.0	131.9
Mass meets Table 1?	Y	Y	Y	Y
Entire sample used? Y/N	N	N	N	N
Visual Soil Description (ASTM D2488)	Very soft dark gray organic clay (OH)	Very soft gray clay with organic matter (CH)	Very soft dark gray organic clay (OH)	Very soft dark gray organic clay (OH)

Boring / Sample No.	9	9	9	
Depth (ft.)	17-19	21-23	25-27	
Can Number	420	403	502	
Can Wt. (g)	24.40	27.28	22.53	
Can + Wet Soil (g)	127.74	135.58	115.86	
Can + Dry Soil (g)	70.88	80.30	66.65	
Moisture loss (g)	56.86	55.28	49.21	
Dry Soil Wt. (g)	46.48	53.02	44.12	
Moisture Content (%)	122.3	104.3	111.5	
Mass meets Table 1?	Y	Y	Y	
Entire sample used? Y/N	N	N	N	
Visual Soil Description (ASTM D2488)	Very soft dark gray organic clay (OH)	Very soft dark gray organic clay (OH)	Very soft dark gray organic clay (OH)	

TABLE 1: Minimum Sample Mass:		Method A	Method B	NOTES: This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	Max. Particle Size (100% Passing)	Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
2.00 mm (No. 10)	20 g	20 g		

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/20/11	Tested By:	CB
Project No.:	16715-020-00	Date Tested:	5/27/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110° C	Scale ID:	1335
				Method (A/B):	B

Boring / Sample No.	10	10	10	10
Depth (ft.)	5-7	7-9	9-11	13-15
Can Number	532	405	536	540
Can Wt. (g)	22.57	27.26	22.53	22.54
Can + Wet Soil (g)	114.02	112.33	113.04	138.80
Can + Dry Soil (g)	67.27	70.23	67.58	83.08
Moisture loss (g)	46.75	42.10	45.46	55.72
Dry Soil Wt. (g)	44.70	42.97	45.05	60.54
Moisture Content (%)	104.6	98.0	100.9	92.0
Mass meets Table 1?	Y	Y	Y	Y
Entire sample used? Y/N	N	N	N	N
Visual Soil Description (ASTM D2488)	Very soft dark gray organic clay (OH)			

Boring / Sample No.	10	10	10	
Depth (ft.)	17-19	19-21	21-23	
Can Number	143	199	111	
Can Wt. (g)	19.32	19.32	19.27	
Can + Wet Soil (g)	108.17	127.92	121.45	
Can + Dry Soil (g)	62.44	81.04	82.52	
Moisture loss (g)	45.73	46.88	38.93	
Dry Soil Wt. (g)	43.12	61.72	63.25	
Moisture Content (%)	106.1	76.0	61.5	
Mass meets Table 1?	Y	Y	Y	
Entire sample used? Y/N	N	N	N	
Visual Soil Description (ASTM D2488)	Very soft dark gray organic clay (OH)	Very soft gray clay (CH)	Very soft gray clay (CH)	

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES: This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/20/11	Tested By:	CB/CL
Project No.:	16715-020-00	Date Tested:	6/2/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110° C	Scale ID:	1334
				Method (A/B):	B

Boring / Sample No.	11	11	11
Depth (ft.)	9-11	21-23	36-38
Can Number	122	565	556
Can Wt. (g)	19.32	22.62	23.55
Can + Wet Soil (g)	148.61	144.45	111.76
Can + Dry Soil (g)	113.63	91.18	77.31
Moisture loss (g)	34.98	53.27	34.45
Dry Soil Wt. (g)	94.31	68.56	53.76
Moisture Content (%)	37.1	77.7	64.1
Mass meets Table 1?	Y	Y	Y
Entire sample used? Y/N	N	N	N
Visual Soil Description (ASTM D2488)	Very soft gray clay with sand traces (CH)	Very soft gray clay (CH)	Very soft gray clay (CH)

Boring / Sample No.			
Depth (ft.)			
Can Number			
Can Wt. (g)			
Can + Wet Soil (g)			
Can + Dry Soil (g)			
Moisture loss (g)			
Dry Soil Wt. (g)			
Moisture Content (%)			
Mass meets Table 1?			
Entire sample used? Y/N			
Visual Soil Description (ASTM D2488)	Very soft gray organic clay (OH)		

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/20/11	Tested By:	CB/CL
Project No.:	16715-020-00	Date Tested:	6/3/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110° C	Scale ID:	1335
				Method (A/B):	B

Boring / Sample No.	12	12	
Depth (ft.)	11-13	31-33	
Can Number	408	415	
Can Wt. (g)	27.36	27.32	
Can + Wet Soil (g)	144.23	139.17	
Can + Dry Soil (g)	95.59	84.53	
Moisture loss (g)	48.64	54.64	
Dry Soil Wt. (g)	68.23	57.21	
Moisture Content (%)	71.3	95.5	
Mass meets Table 1?	Y	Y	
Entire sample used? Y/N	N	N	
Visual Soil Description (ASTM D2488)	Very soft gray clay with organic matter (CH)	Very soft gray organic clay (OH)	

Boring / Sample No.			
Depth (ft.)			
Can Number			
Can Wt. (g)			
Can + Wet Soil (g)			
Can + Dry Soil (g)			
Moisture loss (g)			
Dry Soil Wt. (g)			
Moisture Content (%)			
Mass meets Table 1?			
Entire sample used? Y/N			
Visual Soil Description (ASTM D2488)	Very soft gray organic clay (OH)		

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/20/11	Tested By:	CB
Project No.:	16715-020-00	Date Tested:	6/6/11	Checked By:	DAS
Oven ID:	1104	Drying Temp:	110° C	Scale ID:	1334
				Method (A/B):	B

Boring / Sample No.	13	13	13
Depth (ft.)	12-14	18-20	37-39
Can Number	300	403	540
Can Wt. (g)	18.34	27.28	22.56
Can + Wet Soil (g)	123.77	149.54	130.48
Can + Dry Soil (g)	92.27	115.30	98.13
Moisture loss (g)	31.50	34.24	32.35
Dry Soil Wt. (g)	73.93	88.02	75.57
Moisture Content (%)	42.6	38.9	42.8
Mass meets Table 1?	Y	Y	Y
Entire sample used? Y/N	N	N	N
Visual Soil Description (ASTM D2488)	Very soft gray clay with organic matter (CH)	Very soft gray silty clay (CL)	Very soft gray clay with organic matter (CH)

Boring / Sample No.			
Depth (ft.)			
Can Number			
Can Wt. (g)			
Can + Wet Soil (g)			
Can + Dry Soil (g)			
Moisture loss (g)			
Dry Soil Wt. (g)			
Moisture Content (%)			
Mass meets Table 1?			
Entire sample used? Y/N			
Visual Soil Description (ASTM D2488)			

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/20/11	Tested By:	CB/CL
Project No.:	16715-020-00	Date Tested:	6/3/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110° C	Scale ID:	1335
				Method (A/B):	B

Boring / Sample No.	14	14	
Depth (ft.)	8-10	10-12	
Can Number	160	422	
Can Wt. (g)	19.32	27.36	
Can + Wet Soil (g)	149.62	144.98	
Can + Dry Soil (g)	104.32	105.33	
Moisture loss (g)	45.30	39.65	
Dry Soil Wt. (g)	85.00	77.97	
Moisture Content (%)	53.3	50.9	
Mass meets Table 1?	Y	Y	
Entire sample used? Y/N	N	N	
Visual Soil Description (ASTM D2488)	Very soft gray clay with organic matter (CH)	Very soft gray clay with organic matter (CH)	

Boring / Sample No.			
Depth (ft.)			
Can Number			
Can Wt. (g)			
Can + Wet Soil (g)			
Can + Dry Soil (g)			
Moisture loss (g)			
Dry Soil Wt. (g)			
Moisture Content (%)			
Mass meets Table 1?			
Entire sample used? Y/N			
Visual Soil Description (ASTM D2488)	Very soft gray organic clay (OH)		

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/20/11	Tested By:	CB
Project No.:	16715-020-00	Date Tested:	6/6/11	Checked By:	DAS
Oven ID:	1104	Drying Temp:	110° C	Scale ID:	1334
				Method (A/B):	B

Boring / Sample No.	14			
Depth (ft.)	18-20			
Can Number	581			
Can Wt. (g)	22.52			
Can + Wet Soil (g)	135.44			
Can + Dry Soil (g)	107.10			
Moisture loss (g)	28.34			
Dry Soil Wt. (g)	84.58			
Moisture Content (%)	33.5			
Mass meets Table 1?	Y			
Entire sample used? Y/N	N			
Visual Soil Description (ASTM D2488)	Gray fine sand with 1-inch clay layer			

Boring / Sample No.				
Depth (ft.)				
Can Number				
Can Wt. (g)				
Can + Wet Soil (g)				
Can + Dry Soil (g)				
Moisture loss (g)				
Dry Soil Wt. (g)				
Moisture Content (%)				
Mass meets Table 1?				
Entire sample used? Y/N				
Visual Soil Description (ASTM D2488)				

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/20/11	Tested By:	CB
Project No.:	16715-020-00	Date Tested:	6/13/11	Checked By:	DAS
Oven ID:	1104	Drying Temp:	110° C	Scale ID:	1334
				Method (A/B):	B

Boring / Sample No.	15			
Depth (ft.)	21-23			
Can Number	125			
Can Wt. (g)	19.33			
Can + Wet Soil (g)	143.72			
Can + Dry Soil (g)	105.74			
Moisture loss (g)	37.98			
Dry Soil Wt. (g)	86.41			
Moisture Content (%)	44.0			
Mass meets Table 1?	Y			
Entire sample used? Y/N	N			
Visual Soil Description (ASTM D2488)	Gray clay with organic matter (CH)			

Boring / Sample No.				
Depth (ft.)				
Can Number				
Can Wt. (g)				
Can + Wet Soil (g)				
Can + Dry Soil (g)				
Moisture loss (g)				
Dry Soil Wt. (g)				
Moisture Content (%)				
Mass meets Table 1?				
Entire sample used? Y/N				
Visual Soil Description (ASTM D2488)				

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/27/11	Tested By:	JRK
Project No.:	16715-020-00	Date Tested:	6/1/11	Checked By:	DAS
Oven ID:	1104	Drying Temp:	110° C	Scale ID:	1334
				Method (A/B):	B

Boring / Sample No.	16	16	16
Depth (ft.)	20-22	42-44	62-64
Can Number	537	402	404
Can Wt. (g)	22.58	27.39	27.36
Can + Wet Soil (g)	159.57	125.80	138.10
Can + Dry Soil (g)	106.26	81.34	83.26
Moisture loss (g)	53.31	44.46	54.84
Dry Soil Wt. (g)	83.68	53.95	55.90
Moisture Content (%)	63.7	82.4	98.1
Mass meets Table 1?	Y	Y	Y
Entire sample used? Y/N	N	N	N
Visual Soil Description (ASTM D2488)	Very soft gray clay with organic matter (CH)	Very soft gray clay with organic matter (CH)	Very soft gray clay with organic matter and wood (CH)

Boring / Sample No.			
Depth (ft.)			
Can Number			
Can Wt. (g)			
Can + Wet Soil (g)			
Can + Dry Soil (g)			
Moisture loss (g)			
Dry Soil Wt. (g)			
Moisture Content (%)			
Mass meets Table 1?			
Entire sample used? Y/N			
Visual Soil Description (ASTM D2488)			

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/20/11	Tested By:	CL
Project No.:	16715-020-00	Date Tested:	6/14/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110° C	Scale ID:	1335
				Method (A/B):	B

Boring / Sample No.	18			
Depth (ft.)	8-10			
Can Number	403			
Can Wt. (g)	27.27			
Can + Wet Soil (g)	144.77			
Can + Dry Soil (g)	84.88			
Moisture loss (g)	59.89			
Dry Soil Wt. (g)	57.61			
Moisture Content (%)	104.0			
Mass meets Table 1?	Y			
Entire sample used? Y/N	N			
Visual Soil Description (ASTM D2488)	Gray organic clay (OH)			

Boring / Sample No.				
Depth (ft.)				
Can Number				
Can Wt. (g)				
Can + Wet Soil (g)				
Can + Dry Soil (g)				
Moisture loss (g)				
Dry Soil Wt. (g)				
Moisture Content (%)				
Mass meets Table 1?				
Entire sample used? Y/N				
Visual Soil Description (ASTM D2488)				

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/27/11	Tested By:	CL
Project No.:	16715-020-00	Date Tested:	6/14/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110° C	Scale ID:	1335
				Method (A/B):	B

Boring / Sample No.	19	19	
Depth (ft.)	8-10	20-22	
Can Number	538	511	
Can Wt. (g)	22.57	22.47	
Can + Wet Soil (g)	101.86	105.67	
Can + Dry Soil (g)	38.18	46.79	
Moisture loss (g)	63.68	58.88	
Dry Soil Wt. (g)	15.61	24.32	
Moisture Content (%)	407.9	242.1	
Mass meets Table 1?	Y	Y	
Entire sample used? Y/N	N	N	
Visual Soil Description (ASTM D2488)	Dark gray peat (PT)	Dark gray peat (PT)	

Boring / Sample No.			
Depth (ft.)			
Can Number			
Can Wt. (g)			
Can + Wet Soil (g)			
Can + Dry Soil (g)			
Moisture loss (g)			
Dry Soil Wt. (g)			
Moisture Content (%)			
Mass meets Table 1?			
Entire sample used? Y/N			
Visual Soil Description (ASTM D2488)			

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/27/11	Tested By:	CL
Project No.:	16715-020-00	Date Tested:	6/14/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110° C	Scale ID:	1335
				Method (A/B):	B

Boring / Sample No.	20			
Depth (ft.)	12-14			
Can Number	559			
Can Wt. (g)	22.63			
Can + Wet Soil (g)	127.53			
Can + Dry Soil (g)	74.03			
Moisture loss (g)	53.50			
Dry Soil Wt. (g)	51.40			
Moisture Content (%)	104.1			
Mass meets Table 1?	Y			
Entire sample used? Y/N	N			
Visual Soil Description (ASTM D2488)	Gray organic clay (OH)			

Boring / Sample No.				
Depth (ft.)				
Can Number				
Can Wt. (g)				
Can + Wet Soil (g)				
Can + Dry Soil (g)				
Moisture loss (g)				
Dry Soil Wt. (g)				
Moisture Content (%)				
Mass meets Table 1?				
Entire sample used? Y/N				
Visual Soil Description (ASTM D2488)				

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	



MOISTURE CONTENT OF SOIL BY MASS - ASTM D2216

Project:	Lost Lake Marsh Creation	Date Received:	5/27/11	Tested By:	CL
Project No.:	16715-020-00	Date Tested:	6/14/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110° C	Scale ID:	1335
				Method (A/B):	B

Boring / Sample No.	20	20	
Depth (ft.)	18-20	56-58	
Can Number	513	108	
Can Wt. (g)	22.54	19.28	
Can + Wet Soil (g)	136.38	137.07	
Can + Dry Soil (g)	70.48	75.39	
Moisture loss (g)	65.90	61.68	
Dry Soil Wt. (g)	47.94	56.11	
Moisture Content (%)	137.5	109.9	
Mass meets Table 1?	Y	Y	
Entire sample used? Y/N	N	N	
Visual Soil Description (ASTM D2488)	Gray organic clay (OH)	Gray organic clay (OH)	

Boring / Sample No.			
Depth (ft.)			
Can Number			
Can Wt. (g)			
Can + Wet Soil (g)			
Can + Dry Soil (g)			
Moisture loss (g)			
Dry Soil Wt. (g)			
Moisture Content (%)			
Mass meets Table 1?			
Entire sample used? Y/N			
Visual Soil Description (ASTM D2488)			

TABLE 1: Minimum Sample Mass:	Max. Particle Size (100% Passing)	Method A	Method B	NOTES:
		Reported to ±1%	Reported to ±0.1%	
	75.0 mm (3")	5 kg	50 kg	This report may not be reproduced, except in full, without written approval of GeoEngineers, Inc. Test results are applicable only to the specific sample on which the test was performed, and should not be interpreted as representative of samples obtained at other times or locations, or generated by other operations or processes.
	37.5 mm (1.5")	1 kg	10 kg	
	19.0 mm (0.75")	250 g	2.5 kg	
	9.5 mm (0.375")	50 g	500 g	
	4.75 mm (No. 4)	20 g	100 g	
	2.00 mm (No. 10)	20 g	20 g	

ORGANIC MATTER CONTENT OF SOIL BY MASS - T267

Project:	Lost Lake Marsh Creation	Date Received:	-	Tested By:	BH
Project No.:	16715-020-00	Date Tested:	66-3-11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110° C	Furnace ID:	1106
		Furnace Temp:	445° C	Scale ID:	1036

Boring / Sample No.	6	
Depth (ft.)	5-7	
Crucible Number	1	
Crucible Wt. (g)	80.83	
Crucible + Oven Dried Soil (g)	105.85	
Crucible + Furnace Dried Soil (g)	104.36	
Mass loss (g)	1.49	
Organic Matter Content (%)	5.96	
Entire sample used? Y/N	N	
Visual Soil Description (ASTM D2488 & T267)	<i>Gray clay (CH)</i>	
Notes:		
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ORGANIC MATTER CONTENT OF SOIL BY MASS - T267

Project:	Lost Lake Marsh Creation	Date Received:	-	Tested By:	BH
Project No.:	16715-020-00	Date Tested:	6/7/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110° C	Furnace ID:	1106
		Furnace Temp:	445° C	Scale ID:	1036

Boring / Sample No.	7	
Depth (ft.)	5-7	
Crucible Number	1	
Crucible Wt. (g)	103.6	
Crucible + Oven Dried Soil (g)	128.63	
Crucible + Furnace Dried Soil (g)	125.35	
Mass loss (g)	3.28	
Organic Matter Content (%)	13.10	
Entire sample used? Y/N	N	
Visual Soil Description (ASTM D2488 & T267)	<i>Gray organic clay (OH)</i>	
Notes:		
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ORGANIC MATTER CONTENT OF SOIL BY MASS - T267

Project:	Lost Lake Marsh Creation	Date Received:	-	Tested By:	BH
Project No.:	16715-020-00	Date Tested:	6/7/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110° C	Furnace ID:	1106
		Furnace Temp:	445° C	Scale ID:	1036

Boring / Sample No.	8	
Depth (ft.)	7-9	
Crucible Number	1	
Crucible Wt. (g)	90.76	
Crucible + Oven Dried Soil (g)	115.77	
Crucible + Furnace Dried Soil (g)	114.10	
Mass loss (g)	1.67	
Organic Matter Content (%)	6.68	
Entire sample used? Y/N	N	
Visual Soil Description (ASTM D2488 & T267)	<i>Gray clay (CH)</i>	
Notes:		
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ORGANIC MATTER CONTENT OF SOIL BY MASS - T267

Project:	Lost Lake Marsh Creation	Date Received:	5/16/11	Tested By:	BH
Project No.:	16715-020-00	Date Tested:	6/2/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110° C	Furnace ID:	1106
		Furnace Temp:	445° C	Scale ID:	1036

Boring / Sample No.	9	
Depth (ft.)	9-11	
Crucible Number	2	
Crucible Wt. (g)	78.07	
Crucible + Oven Dried Soil (g)	103.06	
Crucible + Furnace Dried Soil (g)	101.32	
Mass loss (g)	1.74	
Organic Matter Content (%)	6.96	
Entire sample used? Y/N	N	
Visual Soil Description (ASTM D2488 & T267)	<i>Gray clay (CH)</i>	
Notes:		
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ORGANIC MATTER CONTENT OF SOIL BY MASS - T267

Project:	Lost Lake Marsh Creation	Date Received:	-	Tested By:	BH
Project No.:	16715-020-00	Date Tested:	6/2/11	Checked By:	DU
Oven ID:	1104	Drying Temp:	110° C	Furnace ID:	1106
		Furnace Temp:	445° C	Scale ID:	1029

Boring / Sample No.	10	
Depth (ft.)	7-9	
Crucible Number	1	
Crucible Wt. (g)	84.79	
Crucible + Oven Dried Soil (g)	109.79	
Crucible + Furnace Dried Soil (g)	108.45	
Mass loss (g)	1.34	
Organic Matter Content (%)	5.36	
Entire sample used? Y/N	N	
Visual Soil Description (ASTM D2488 & T267)	<i>Gray clay (CH)</i>	
Notes:		
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File No.	Lost Lake Marsh Creation	Date	6/9/2011
Project	16715-020-00	Tested By	BH
Location		Checked By	DU

Boring No.	7						
Depth	5-7				TABLE 1		
Sample Description & Classification	Organic clay (OH)				Temp. (°C)	Density (g/mL)	<i>K</i>
Pycnometer ID	1152				16	0.99895	1.00074
Thermometer ID	1149				17	0.99878	1.00057
Oven ID	1104				18	0.99860	1.00039
Scale ID	1334				19	0.99841	1.00020
Method (A or B)	B				20	0.99821	1.00000
Wt. Pycnometer + Water	675.52				21	0.99799	0.99979
Wt. Pycnometer + Water + Soil	697.79				22	0.99777	0.99957
Temperature, °C	19.7				23	0.99754	0.99933
Pan No.	11				24	0.99730	0.99909
Wt. Pan + Dry Soil	141.42				25	0.99705	0.99884
Wt. Pan	104.03				26	0.99679	0.99858
Wt. Dry Soil	37.390	0.000	0.000	0.000	27	0.99652	0.99831
Displaced Water	15.120	0.000	0.000	0.000	28	0.99624	0.99803
Temperature Coefficient (<i>K</i>)	1.00000				29	0.99595	0.99774
Specific Gravity @ 20° C	2.473	#DIV/0!	#DIV/0!	#DIV/0!	30	0.99565	0.99744

Notes:

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File No.	Lost Lake Marsh Creation	Date	6/8/2011
Project	16715-020-00	Tested By	BH
Location		Checked By	DU

Boring No.	11					
Depth	15-17				TABLE 1	
Sample Description & Classification	Silty fine sand				Temp. (°C)	Density (g/mL) K
Pycnometer ID	1152				16	0.99895 1.00074
Thermometer ID	1149				17	0.99878 1.00057
Oven ID	1104				18	0.99860 1.00039
Scale ID	1334				19	0.99841 1.00020
Method (A or B)	B				20	0.99821 1.00000
Wt. Pycnometer + Water	675.52				21	0.99799 0.99979
Wt. Pycnometer + Water + Soil	700.04				22	0.99777 0.99957
Temperature, °C	19.6				23	0.99754 0.99933
Pan No.	11.00				24	0.99730 0.99909
Wt. Pan + Dry Soil	143.84				25	0.99705 0.99884
Wt. Pan	104.18				26	0.99679 0.99858
Wt. Dry Soil	39.660	0.000	0.000	0.000	27	0.99652 0.99831
Displaced Water	15.140	0.000	0.000	0.000	28	0.99624 0.99803
Temperature Coefficient (K)	1.00000				29	0.99595 0.99774
Specific Gravity @ 20° C	2.620	#DIV/0!	#DIV/0!	#DIV/0!	30	0.99565 0.99744

Notes:

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File No.	Lost Lake Marsh Creation	Date	6/8/2011
Project	16715-020-00	Tested By	BH
Location		Checked By	DU

Boring No.	12					
Depth	7-9				TABLE 1	
Sample Description & Classification	Peat (PT)				Temp. (°C)	Density (g/mL)
Pycnometer ID	1151				16	0.99895
Thermometer ID	1149				17	0.99878
Oven ID	1104				18	0.99860
Scale ID	1334				19	0.99841
Method (A or B)	B				20	0.99821
Wt. Pycnometer + Water	677.70				21	0.99799
Wt. Pycnometer + Water + Soil	697.65				22	0.99777
Temperature, °C	19.9				23	0.99754
Pan No.	12.00				24	0.99730
Wt. Pan + Dry Soil	151.07				25	0.99705
Wt. Pan	111.20				26	0.99679
Wt. Dry Soil	39.870	0.000	0.000	0.000	27	0.99652
Displaced Water	19.920	0.000	0.000	0.000	28	0.99624
Temperature Coefficient (<i>K</i>)	1.00000				29	0.99595
Specific Gravity @ 20° C	2.002	#DIV/0!	#DIV/0!	#DIV/0!	30	0.99565

Notes:

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File No.	Lost Lake Marsh Creation	Date	6/14/2011
Project	16715-020-00	Tested By	BH
		Checked By	DU

Boring No.	13				
Depth	14-16				TABLE 1
Sample Description & Classification	Gray org clay (OH)				Temp. (°C) Density (g/mL) <i>K</i>
Pycnometer ID	1152				16 0.99895 1.00074
Thermometer ID	1149				17 0.99878 1.00057
Oven ID	1104				18 0.99860 1.00039
Scale ID	1334				19 0.99841 1.00020
Method (A or B)	B				20 0.99821 1.00000
Wt. Pycnometer + Water	675.52				21 0.99799 0.99979
Wt. Pycnometer + Water + Soil	696.59				22 0.99777 0.99957
Temperature, °C	20.3				23 0.99754 0.99933
Pan No.	11				24 0.99730 0.99909
Wt. Pan + Dry Soil	142.56				25 0.99705 0.99884
Wt. Pan	103.19				26 0.99679 0.99858
Wt. Dry Soil	39.370	0.000	0.000	0.000	27 0.99652 0.99831
Displaced Water	18.300	0.000	0.000	0.000	28 0.99624 0.99803
Temperature Coefficient (<i>K</i>)	1.00000				29 0.99595 0.99774
Specific Gravity @ 20° C	2.151	#DIV/0!	#DIV/0!	#DIV/0!	30 0.99565 0.99744

Notes:

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File No.	Lost Lake Marsh Creation	Date	6/9/2011
Project	16715-020-00	Tested By	BH
Location		Checked By	DU

Boring No.	14						
Depth	37-39				TABLE 1		
Sample Description & Classification	Gray org clay (OH)				Temp. (°C)	Density (g/mL)	<i>K</i>
Pycnometer ID	1150				16	0.99895	1.00074
Thermometer ID	1149				17	0.99878	1.00057
Oven ID	1104				18	0.99860	1.00039
Scale ID	1334				19	0.99841	1.00020
Method (A or B)	B				20	0.99821	1.00000
Wt. Pycnometer + Water	676.92				21	0.99799	0.99979
Wt. Pycnometer + Water + Soil	699.95				22	0.99777	0.99957
Temperature, °C	20.3				23	0.99754	0.99933
Pan No.	12				24	0.99730	0.99909
Wt. Pan + Dry Soil	149.05				25	0.99705	0.99884
Wt. Pan	111.15				26	0.99679	0.99858
Wt. Dry Soil	37.900	0.000	0.000	0.000	27	0.99652	0.99831
Displaced Water	14.870	0.000	0.000	0.000	28	0.99624	0.99803
Temperature Coefficient (<i>K</i>)	1.00000				29	0.99595	0.99774
Specific Gravity @ 20° C	2.549	#DIV/0!	#DIV/0!	#DIV/0!	30	0.99565	0.99744

Notes:

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File No.	Lost Lake Marsh Creation	Date	6/28/2011
Project	16715-020-00	Tested By	BH
Location		Checked By	DU

Boring No.	15					
Depth	27-29				TABLE 1	
Sample Description & Classification	Gray clay (CH)				Temp. (°C)	Density (g/mL)
Pycnometer ID	1152				16	1.00074
Thermometer ID	1149				17	1.00057
Oven ID	1104				18	1.00039
Scale ID	1334				19	1.00020
Method (A or B)	B				20	1.00000
Wt. Pycnometer + Water	676.00				21	0.99979
Wt. Pycnometer + Water + Soil	700.11				22	0.99957
Temperature, °C	21				23	0.99933
Pan No.	12				24	0.99909
Wt. Pan + Dry Soil	150.04				25	0.99884
Wt. Pan	111.20				26	0.99858
Wt. Dry Soil	38.840	0.000	##	0.000	27	0.99831
Displaced Water	14.730	0.000	##	0.000	28	0.99803
Temperature Coefficient (<i>K</i>)	0.99979				29	0.99774
Specific Gravity @ 20° C	2.636	#DIV/0!	##	#DIV/0!	30	0.99744

Notes:

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File No.	Lost Lake Marsh Creation	Date	6/23/2011
Project	16715-020-00	Tested By	BH
Location		Checked By	DAS

Boring No.	16					
Depth	4-6				TABLE 1	
Sample Description & Classification	Peat (PT)				Temp. (°C)	Density (g/mL)
Pycnometer ID	1151				16	0.99895
Thermometer ID	1149				17	0.99878
Oven ID	1104				18	0.99860
Scale ID	1334				19	0.99841
Method (A or B)	B				20	0.99821
Wt. Pycnometer + Water	677.70				21	0.99799
Wt. Pycnometer + Water + Soil	699.08				22	0.99777
Temperature, °C	20.7				23	0.99754
Pan No.	12				24	0.99730
Wt. Pan + Dry Soil	149.40				25	0.99705
Wt. Pan	111.18				26	0.99679
Wt. Dry Soil	38.220	0.000	##	0.000	27	0.99652
Displaced Water	16.840	0.000	##	0.000	28	0.99624
Temperature Coefficient (<i>K</i>)	1.00000				29	0.99595
Specific Gravity @ 20° C	2.270	#DIV/0!	##	#DIV/0!	30	0.99565

Notes:

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File No.	Lost Lake Marsh Creation	Date	6/15/2011
Project	16715-020-00	Tested By	BH
Location		Checked By	DU

Boring No.	17							
Depth	9-11					TABLE 1		
Sample Description & Classification	Gray org clay (OH)				Temp. (°C)	Density (g/mL)	<i>K</i>	
Pycnometer ID	1152				16	0.99895	1.00074	
Thermometer ID	1149				17	0.99878	1.00057	
Oven ID	1104				18	0.99860	1.00039	
Scale ID	1334				19	0.99841	1.00020	
Method (A or B)	B				20	0.99821	1.00000	
Wt. Pycnometer + Water	675.52				21	0.99799	0.99979	
Wt. Pycnometer + Water + Soil	699.83				22	0.99777	0.99957	
Temperature, °C	20.3				23	0.99754	0.99933	
Pan No.	12				24	0.99730	0.99909	
Wt. Pan + Dry Soil	150.89				25	0.99705	0.99884	
Wt. Pan	111.21				26	0.99679	0.99858	
Wt. Dry Soil	39.680	0.000	0.000	0.000	27	0.99652	0.99831	
Displaced Water	15.370	0.000	0.000	0.000	28	0.99624	0.99803	
Temperature Coefficient (<i>K</i>)	1.00000				29	0.99595	0.99774	
Specific Gravity @ 20° C	2.582	#DIV/0!	#DIV/0!	#DIV/0!	30	0.99565	0.99744	

Notes:

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File No.	Lost Lake Marsh Creation	Date	6/15/2011
Project	16715-020-00	Tested By	BH
Location		Checked By	DU

Boring No.	18					
Depth	37-39				TABLE 1	
Sample Description & Classification	Organic clay with peat seams				Temp. (°C)	Density (g/mL)
						K
Pycnometer ID	1151				16	0.99895
Thermometer ID	1149				17	0.99878
Oven ID	1104				18	0.99860
Scale ID	1334				19	0.99841
Method (A or B)	B				20	0.99821
						1.00000
Wt. Pycnometer + Water	677.70				21	0.99799
Wt. Pycnometer + Water + Soil	697.14				22	0.99777
Temperature, °C	21.1				23	0.99754
Pan No.	11				24	0.99730
Wt. Pan + Dry Soil	142.54				25	0.99705
Wt. Pan	105.13				26	0.99679
Wt. Dry Soil	37.410	0.000	##	0.000	27	0.99652
Displaced Water	17.970	0.000	##	0.000	28	0.99624
Temperature Coefficient (K)	1.00000				29	0.99595
Specific Gravity @ 20° C	2.082	#DIV/0!	##	#DIV/0!	30	0.99565

Notes:

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Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	1	Depth ft.	38-40	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/16/2011

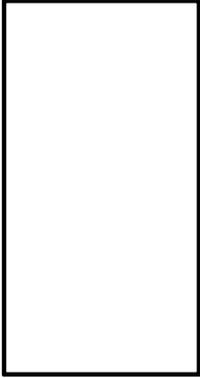
Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	408
Wt. of Can	27.35
Wt. of Wet Soil and Can	103.94
Wt. of Dry Soil and Can	71.43
Wt. Of Dry Soil	44.08
Wt. Of Water	32.51
Percent Moisture	74

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	56.5	Shear Stress KSF	0.07
Wet Density	98.2	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.70	Reading 1	6.00
Reading 2	2.80	Reading 2	6.00
Reading 3	2.79	Reading 3	6.00
Average	2.76	Average	6.00
Sample Weight	927.32		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	1	Depth ft.	43-45	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/16/2011

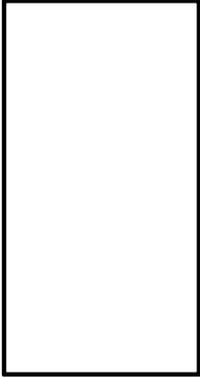
Sample description	Very soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	116
Wt. of Can	19.32
Wt. of Wet Soil and Can	139.00
Wt. of Dry Soil and Can	101.98
Wt. Of Dry Soil	82.66
Wt. Of Water	37.02
Percent Moisture	45

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	69.0	Shear Stress KSF	0.04
Wet Density	99.9	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.72	Reading 1	6.00
Reading 2	2.78	Reading 2	6.00
Reading 3	2.83	Reading 3	6.00
Average	2.78	Average	6.00
Sample Weight	953.18		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	1	Depth ft.	48-50	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/9/2011

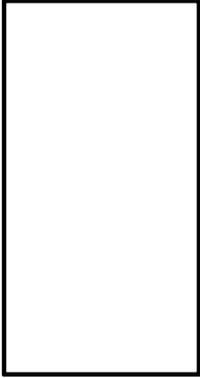
Sample description	Very soft gray clay (CH)
--------------------	--------------------------

Natural Moisture Content:	
Can No.	420
Wt. of Can	27.56
Wt. of Wet Soil and Can	136.33
Wt. of Dry Soil and Can	108.12
Wt. Of Dry Soil	80.56
Wt. Of Water	28.21
Percent Moisture	35

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	76.3	Shear Stress KSF	0.16
Wet Density	103.0	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.83	Reading 1	5.80
Reading 2	2.75	Reading 2	5.80
Reading 3	2.82	Reading 3	5.80
Average	2.80	Average	5.80
Sample Weight	965.60		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	2	Depth ft.	29-31	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

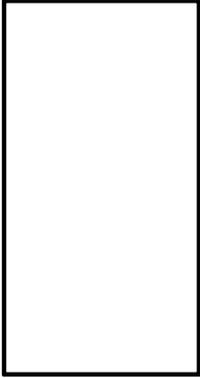
Sample description	Very soft gray clay with organic matter (CL)
--------------------	--

Natural Moisture Content:	
Can No.	400
Wt. of Can	27.26
Wt. of Wet Soil and Can	192.13
Wt. of Dry Soil and Can	143.34
Wt. Of Dry Soil	116.08
Wt. Of Water	48.79
Percent Moisture	42

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	72.5	Shear Stress KSF	0.19
Wet Density	103.0	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.87	Reading 1	6.00
Reading 2	2.88	Reading 2	6.03
Reading 3	2.90	Reading 3	6.05
Average	2.88	Average	6.03
Sample Weight	1064.32		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	2	Depth ft.	39-41	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

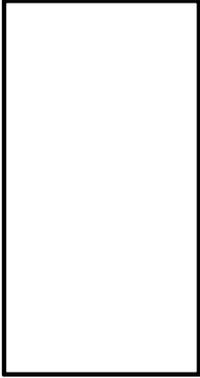
Sample description	Very soft gray clay with 3.5-inch clayey silt layer (CH)
--------------------	--

Natural Moisture Content:	
Can No.	518
Wt. of Can	22.59
Wt. of Wet Soil and Can	118.62
Wt. of Dry Soil and Can	85.56
Wt. Of Dry Soil	62.97
Wt. Of Water	33.06
Percent Moisture	53

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	68.6	Shear Stress KSF	0.21
Wet Density	104.5	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.90	Reading 1	5.55
Reading 2	2.88	Reading 2	5.61
Reading 3	2.85	Reading 3	5.58
Average	2.88	Average	5.58
Sample Weight	995.22		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	2	Depth ft.	49-51	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

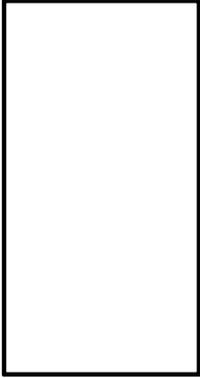
Sample description	Very soft gray clay with silt streaks, pockets and lenses (CH)
--------------------	--

Natural Moisture Content:	
Can No.	556
Wt. of Can	22.62
Wt. of Wet Soil and Can	123.95
Wt. of Dry Soil and Can	94.77
Wt. Of Dry Soil	72.15
Wt. Of Water	29.18
Percent Moisture	40

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	74.1	Shear Stress KSF	0.23
Wet Density	104.0	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.90	Reading 1	6.01
Reading 2	2.91	Reading 2	5.97
Reading 3	2.83	Reading 3	6.02
Average	2.88	Average	6.00
Sample Weight	1067.18		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	2	Depth ft.	54-56	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

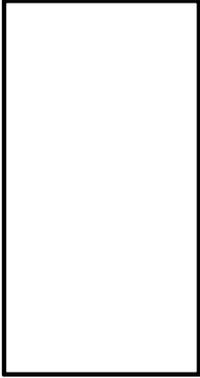
Sample description	Very soft gray clay with silt pockets (CH)
--------------------	--

Natural Moisture Content:	
Can No.	417
Wt. of Can	27.37
Wt. of Wet Soil and Can	143.05
Wt. of Dry Soil and Can	96.75
Wt. Of Dry Soil	69.38
Wt. Of Water	46.30
Percent Moisture	67

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	68.6	Shear Stress KSF	0.11
Wet Density	114.3	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.83	Reading 1	5.92
Reading 2	2.93	Reading 2	5.88
Reading 3	2.87	Reading 3	6.01
Average	2.88	Average	5.94
Sample Weight	1157.76		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	3	Depth ft.	20-22	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

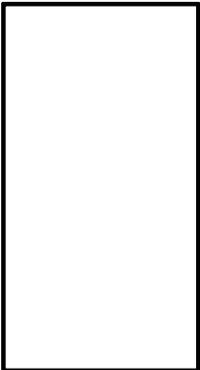
Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	404
Wt. of Can	27.37
Wt. of Wet Soil and Can	161.60
Wt. of Dry Soil and Can	83.80
Wt. Of Dry Soil	56.43
Wt. Of Water	77.80
Percent Moisture	138

Test Type	Cell Pressure PSI	(UU only) KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	38.2	Shear Stress KSF	0.03
Wet Density	90.9	Strain%	13

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.51	Reading 1	6.05
Reading 2	3.22	Reading 2	5.98
Reading 3	2.91	Reading 3	6.03
Average	2.88	Average	6.02
Sample Weight	935.60		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	3	Depth ft.	27-29	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

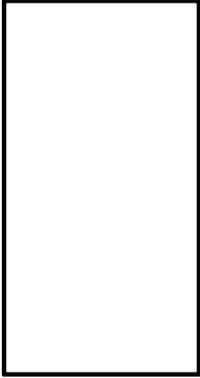
Sample description	Very soft gray clay (CH)
--------------------	--------------------------

Natural Moisture Content:	
Can No.	536
Wt. of Can	22.53
Wt. of Wet Soil and Can	136.23
Wt. of Dry Soil and Can	77.26
Wt. Of Dry Soil	54.73
Wt. Of Water	58.97
Percent Moisture	108

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	43.0	Shear Stress KSF	0.07
Wet Density	89.3	Strain%	14

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.82	Reading 1	5.98
Reading 2	2.91	Reading 2	6.00
Reading 3	2.85	Reading 3	6.02
Average	2.86	Average	6.00
Sample Weight	903.50		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	3	Depth ft.	32-34	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

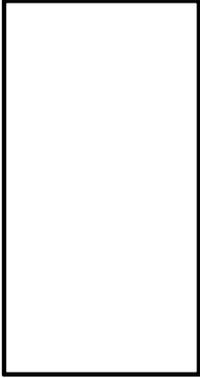
Sample description	Very soft gray clay (CH)
--------------------	--------------------------

Natural Moisture Content:	
Can No.	520
Wt. of Can	22.61
Wt. of Wet Soil and Can	136.13
Wt. of Dry Soil and Can	82.41
Wt. Of Dry Soil	59.80
Wt. Of Water	53.72
Percent Moisture	90

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	45.9	Shear Stress KSF	0.08
Wet Density	87.2	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.85	Reading 1	6.03
Reading 2	2.87	Reading 2	5.99
Reading 3	2.80	Reading 3	6.07
Average	2.84	Average	6.03
Sample Weight	874.40		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	3	Depth ft.	42-44	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

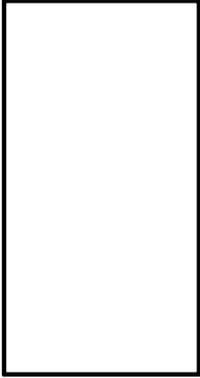
Sample description	Very soft gray clay (CH)
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Natural Moisture Content:	
Can No.	538
Wt. of Can	22.59
Wt. of Wet Soil and Can	130.36
Wt. of Dry Soil and Can	82.61
Wt. Of Dry Soil	60.02
Wt. Of Water	47.75
Percent Moisture	80

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	49.6	Shear Stress KSF	0.06
Wet Density	89.1	Strain%	11

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.83	Reading 1	6.00
Reading 2	2.95	Reading 2	6.00
Reading 3	2.87	Reading 3	5.95
Average	2.88	Average	5.98
Sample Weight	913.52		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	3	Depth ft.	47-49	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

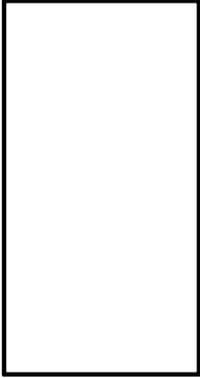
Sample description	Very soft gray organic clay (OL)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	555
Wt. of Can	22.58
Wt. of Wet Soil and Can	105.31
Wt. of Dry Soil and Can	63.15
Wt. Of Dry Soil	40.57
Wt. Of Water	42.16
Percent Moisture	104

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	44.2	Shear Stress KSF	0.13
Wet Density	90.1	Strain%	9

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.82	Reading 1	6.05
Reading 2	2.80	Reading 2	6.00
Reading 3	2.79	Reading 3	6.08
Average	2.80	Average	6.04
Sample Weight	882.51		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	3	Depth ft.	52-54	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

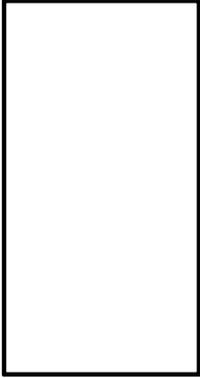
Sample description	Very soft gray clay (CH)
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Natural Moisture Content:	
Can No.	513
Wt. of Can	22.53
Wt. of Wet Soil and Can	149.94
Wt. of Dry Soil and Can	86.69
Wt. Of Dry Soil	64.16
Wt. Of Water	63.25
Percent Moisture	99

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	45.4	Shear Stress KSF	0.09
Wet Density	90.2	Strain%	10

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.83	Reading 1	6.00
Reading 2	2.80	Reading 2	6.00
Reading 3	2.78	Reading 3	6.00
Average	2.80	Average	6.00
Sample Weight	876.39		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test
AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	3	Depth ft.	16-18	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

Sample description	Very soft gray organic clay (OL)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	533
Wt. of Can	22.55
Wt. of Wet Soil and Can	149.39
Wt. of Dry Soil and Can	81.91
Wt. Of Dry Soil	59.36
Wt. Of Water	67.48
Percent Moisture	114

Test Type		Cell Pressure PSI		(UU only) KSF	
UU					#VALUE!
UC	x	Transducer ID			

Dry Density	37.9	Shear Stress KSF	0.08
Wet Density	80.9	Strain%	14

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.71	Reading 1	5.93
Reading 2	2.91	Reading 2	5.84
Reading 3	3.20	Reading 3	5.95
Average	2.94	Average	5.91
Sample Weight	851.60		

Draw a description of Sample Failure	
SLS	
Bulge	
Multiple Shear	x
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	3	Depth ft.	37-39	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

Sample description	Very soft gray organic clay (OL)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	408
Wt. of Can	27.35
Wt. of Wet Soil and Can	144.16
Wt. of Dry Soil and Can	89.60
Wt. Of Dry Soil	62.25
Wt. Of Water	54.56
Percent Moisture	88

Test Type		Cell Pressure PSI		(UU only) KSF	
UU					#VALUE!
UC	x	Transducer ID			

Dry Density	47.2	Shear Stress KSF	0.05
Wet Density	88.6	Strain%	13

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.91	Reading 1	6.01
Reading 2	2.85	Reading 2	6.00
Reading 3	2.88	Reading 3	5.96
Average	2.88	Average	5.99
Sample Weight	907.03		

Draw a description of Sample Failure			
SLS		<div style="border: 1px solid black; width: 100%; height: 150px;"></div>	
Bulge			
Multiple Shear	x		
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	4	Depth ft.	12-14	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	137
Wt. of Can	19.13
Wt. of Wet Soil and Can	111.12
Wt. of Dry Soil and Can	59.50
Wt. Of Dry Soil	40.37
Wt. Of Water	51.62
Percent Moisture	128

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	39.5	Shear Stress KSF	0.04
Wet Density	90.1	Strain%	9

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.74	Reading 1	5.90
Reading 2	2.74	Reading 2	5.90
Reading 3	2.81	Reading 3	5.90
Average	2.76	Average	5.90
Sample Weight	836.87		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	4	Depth ft.	14-16	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	161
Wt. of Can	19.46
Wt. of Wet Soil and Can	139.35
Wt. of Dry Soil and Can	71.19
Wt. Of Dry Soil	51.73
Wt. Of Water	68.16
Percent Moisture	132

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	40.3	Shear Stress KSF	0.03
Wet Density	93.4	Strain%	5

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.82	Reading 1	5.90
Reading 2	2.75	Reading 2	5.90
Reading 3	2.73	Reading 3	5.90
Average	2.77	Average	5.90
Sample Weight	869.39		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	4	Depth ft.	16-18	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	27
Wt. of Can	13.59
Wt. of Wet Soil and Can	123.96
Wt. of Dry Soil and Can	66.81
Wt. Of Dry Soil	53.22
Wt. Of Water	57.15
Percent Moisture	107

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	45.3	Shear Stress KSF	0.05
Wet Density	93.9	Strain%	13

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.74	Reading 1	6.00
Reading 2	2.82	Reading 2	6.00
Reading 3	2.83	Reading 3	6.00
Average	2.80	Average	6.00
Sample Weight	908.21		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	4	Depth ft.	18-20	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	116
Wt. of Can	19.33
Wt. of Wet Soil and Can	147.57
Wt. of Dry Soil and Can	77.69
Wt. Of Dry Soil	58.36
Wt. Of Water	69.88
Percent Moisture	120

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	41.6	Shear Stress KSF	0.04
Wet Density	91.5	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.80	Reading 1	5.90
Reading 2	2.80	Reading 2	5.90
Reading 3	2.80	Reading 3	5.90
Average	2.80	Average	5.90
Sample Weight	872.52		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	4	Depth ft.	42-44	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	199
Wt. of Can	19.31
Wt. of Wet Soil and Can	140.26
Wt. of Dry Soil and Can	78.76
Wt. Of Dry Soil	59.45
Wt. Of Water	61.50
Percent Moisture	103

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	49.6	Shear Stress KSF	0.09
Wet Density	100.9	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.73	Reading 1	5.70
Reading 2	2.74	Reading 2	5.70
Reading 3	2.78	Reading 3	5.70
Average	2.75	Average	5.70
Sample Weight	897.07		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	4	Depth ft.	52-54	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray silty clay with organic matter (CL)
--------------------	--

Natural Moisture Content:	
Can No.	318
Wt. of Can	18.39
Wt. of Wet Soil and Can	139.18
Wt. of Dry Soil and Can	109.22
Wt. Of Dry Soil	90.83
Wt. Of Water	29.96
Percent Moisture	33

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	75.4	Shear Stress KSF	0.07
Wet Density	100.2	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.77	Reading 1	5.35
Reading 2	2.76	Reading 2	5.35
Reading 3	2.87	Reading 3	5.35
Average	2.80	Average	5.35
Sample Weight	866.51		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	5	Depth ft.	10-12	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	572
Wt. of Can	22.54
Wt. of Wet Soil and Can	111.45
Wt. of Dry Soil and Can	52.57
Wt. Of Dry Soil	30.03
Wt. Of Water	58.88
Percent Moisture	196

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	27.3	Shear Stress KSF	0.04
Wet Density	80.9	Strain%	13

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.76	Reading 1	5.60
Reading 2	2.78	Reading 2	5.60
Reading 3	2.79	Reading 3	5.60
Average	2.78	Average	5.60
Sample Weight	720.10		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	5	Depth ft.	12-14	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	122
Wt. of Can	19.37
Wt. of Wet Soil and Can	109.01
Wt. of Dry Soil and Can	46.17
Wt. Of Dry Soil	26.80
Wt. Of Water	62.84
Percent Moisture	234

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	21.9	Shear Stress KSF	0.07
Wet Density	73.2	Strain%	7

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.79	Reading 1	6.00
Reading 2	2.75	Reading 2	6.00
Reading 3	2.79	Reading 3	6.00
Average	2.78	Average	6.00
Sample Weight	697.89		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	5	Depth ft.	16-18	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	165
Wt. of Can	19.25
Wt. of Wet Soil and Can	115.78
Wt. of Dry Soil and Can	65.93
Wt. Of Dry Soil	46.68
Wt. Of Water	49.85
Percent Moisture	107

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	46.9	Shear Stress KSF	0.02
Wet Density	97.0	Strain%	13

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.74	Reading 1	5.70
Reading 2	2.80	Reading 2	5.70
Reading 3	2.77	Reading 3	5.70
Average	2.77	Average	5.70
Sample Weight	874.91		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	5	Depth ft.	24-26	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	234
Wt. of Can	18.42
Wt. of Wet Soil and Can	110.86
Wt. of Dry Soil and Can	57.71
Wt. Of Dry Soil	39.29
Wt. Of Water	53.15
Percent Moisture	135

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	39.8	Shear Stress KSF	0.02
Wet Density	93.8	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.80	Reading 1	5.76
Reading 2	2.76	Reading 2	5.76
Reading 3	2.86	Reading 3	5.76
Average	2.81	Average	5.76
Sample Weight	877.02		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	5	Depth ft.	34-36	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	111
Wt. of Can	19.29
Wt. of Wet Soil and Can	148.81
Wt. of Dry Soil and Can	87.88
Wt. Of Dry Soil	68.59
Wt. Of Water	60.93
Percent Moisture	89

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	51.4	Shear Stress KSF	0.02
Wet Density	97.0	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.78	Reading 1	5.85
Reading 2	2.83	Reading 2	5.85
Reading 3	2.84	Reading 3	5.85
Average	2.82	Average	5.85
Sample Weight	927.86		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	5	Depth ft.	39-41	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	530
Wt. of Can	22.63
Wt. of Wet Soil and Can	106.39
Wt. of Dry Soil and Can	66.99
Wt. Of Dry Soil	44.36
Wt. Of Water	39.40
Percent Moisture	89

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	50.8	Shear Stress KSF	0.06
Wet Density	95.8	Strain%	12

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.82	Reading 1	6.00
Reading 2	2.81	Reading 2	6.00
Reading 3	2.81	Reading 3	6.00
Average	2.81	Average	6.00
Sample Weight	938.85		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	5	Depth ft.	49-51	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	503
Wt. of Can	22.57
Wt. of Wet Soil and Can	136.05
Wt. of Dry Soil and Can	88.28
Wt. Of Dry Soil	65.71
Wt. Of Water	47.77
Percent Moisture	73

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	60.1	Shear Stress KSF	0.06
Wet Density	103.8	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.74	Reading 1	5.50
Reading 2	2.74	Reading 2	5.50
Reading 3	2.75	Reading 3	5.50
Average	2.74	Average	5.50
Sample Weight	885.85		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	11	Depth ft.	26-28	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/2/2011

Sample description	Very soft gray clay with shells and 1-inch clayey silt layer (CH)
--------------------	---

Natural Moisture Content:	
Can No.	505
Wt. of Can	22.57
Wt. of Wet Soil and Can	138.21
Wt. of Dry Soil and Can	108.13
Wt. Of Dry Soil	85.56
Wt. Of Water	30.08
Percent Moisture	35

Test Type	Cell Pressure (UU only) PSI	KSF
UU		
UC	x	Transducer ID

Dry Density	75.5	Shear Stress KSF	0.15
Wet Density	102.1	Strain%	12

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.83	Reading 1	6.09
Reading 2	2.79	Reading 2	6.04
Reading 3	2.74	Reading 3	6.06
Average	2.79	Average	6.06
Sample Weight	990.83		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	11	Depth ft.	31-33	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/2/2011

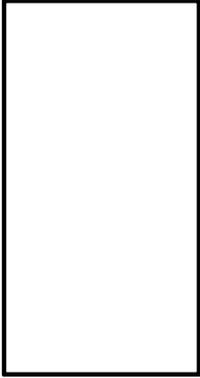
Sample description	Soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	582
Wt. of Can	22.51
Wt. of Wet Soil and Can	120.25
Wt. of Dry Soil and Can	82.57
Wt. Of Dry Soil	60.06
Wt. Of Water	37.68
Percent Moisture	63

Test Type	Cell Pressure (UU only) PSI	KSF
UU		
UC	x	Transducer ID

Dry Density	63.8	Shear Stress KSF	0.35
Wet Density	103.9	Strain%	6

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.80	Reading 1	6.05
Reading 2	2.82	Reading 2	6.05
Reading 3	2.81	Reading 3	6.05
Average	2.81	Average	6.05
Sample Weight	1023.32		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	11	Depth ft.	41-43	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/2/2011

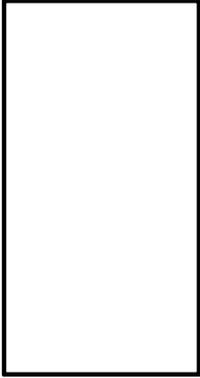
Sample description	Soft gray clay (CH)
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Natural Moisture Content:	
Can No.	512
Wt. of Can	22.50
Wt. of Wet Soil and Can	116.83
Wt. of Dry Soil and Can	79.39
Wt. Of Dry Soil	56.89
Wt. Of Water	37.44
Percent Moisture	66

Test Type	Cell Pressure (UU only) PSI	KSF
UU		
UC	x	Transducer ID

Dry Density	63.5	Shear Stress KSF	0.36
Wet Density	105.3	Strain%	9

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.80	Reading 1	6.02
Reading 2	2.83	Reading 2	6.00
Reading 3	2.82	Reading 3	6.00
Average	2.82	Average	6.01
Sample Weight	1034.40		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	14	Depth ft.	22-24	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/6/2011

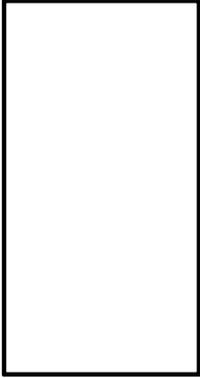
Sample description	Very soft gray organic clay with sand pockets and 2-inch clayey silt layer (OH)
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Natural Moisture Content:	
Can No.	506
Wt. of Can	22.50
Wt. of Wet Soil and Can	147.51
Wt. of Dry Soil and Can	95.00
Wt. Of Dry Soil	72.50
Wt. Of Water	52.51
Percent Moisture	72

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	59.9	Shear Stress KSF	0.09
Wet Density	103.3	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.80	Reading 1	5.01
Reading 2	2.87	Reading 2	5.05
Reading 3	2.91	Reading 3	5.11
Average	2.86	Average	5.06
Sample Weight	880.89		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	14	Depth ft.	32-34	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/6/2011

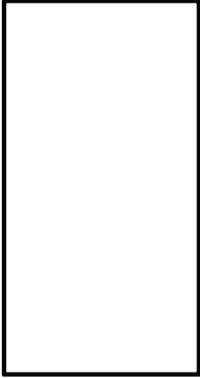
Sample description	Soft gray clay with silt streaks (CH)
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Natural Moisture Content:	
Can No.	423
Wt. of Can	27.30
Wt. of Wet Soil and Can	112.52
Wt. of Dry Soil and Can	86.40
Wt. Of Dry Soil	59.10
Wt. Of Water	26.12
Percent Moisture	44

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	

Dry Density	78.8	Shear Stress KSF	0.36
Wet Density	113.6	Strain%	9

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.82	Reading 1	6.03
Reading 2	2.83	Reading 2	6.02
Reading 3	2.83	Reading 3	6.01
Average	2.83	Average	6.02
Sample Weight	1126.72		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	14	Depth ft.	37-39	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/6/2011

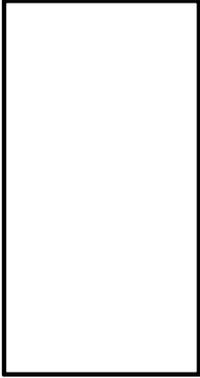
Sample description	Soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	515
Wt. of Can	22.55
Wt. of Wet Soil and Can	133.04
Wt. of Dry Soil and Can	86.55
Wt. Of Dry Soil	64.00
Wt. Of Water	46.49
Percent Moisture	73

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	

Dry Density	56.5	Shear Stress KSF	0.32
Wet Density	97.5	Strain%	8

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.84	Reading 1	6.01
Reading 2	2.85	Reading 2	6.02
Reading 3	2.83	Reading 3	6.01
Average	2.84	Average	6.01
Sample Weight	974.79		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	15	Depth ft.	15-17	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray clay with organic matter and shells (CH)
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Natural Moisture Content:	
Can No.	142
Wt. of Can	19.20
Wt. of Wet Soil and Can	140.08
Wt. of Dry Soil and Can	92.85
Wt. Of Dry Soil	73.65
Wt. Of Water	47.23
Percent Moisture	64

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	61.1	Shear Stress KSF	0.09
Wet Density	100.3	Strain%	13

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.77	Reading 1	5.70
Reading 2	2.77	Reading 2	5.70
Reading 3	2.78	Reading 3	5.70
Average	2.77	Average	5.70
Sample Weight	906.33		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	15	Depth ft.	17-19	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray clay with organic matter and shells (OH)
--------------------	---

Natural Moisture Content:	
Can No.	408
Wt. of Can	27.84
Wt. of Wet Soil and Can	137.01
Wt. of Dry Soil and Can	78.92
Wt. Of Dry Soil	51.08
Wt. Of Water	58.09
Percent Moisture	114

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	45.9	Shear Stress KSF	0.06
Wet Density	98.1	Strain%	14

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.82	Reading 1	5.55
Reading 2	2.81	Reading 2	5.60
Reading 3	2.82	Reading 3	5.50
Average	2.82	Average	5.55
Sample Weight	890.90		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	15	Depth ft.	19-21	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray clay with shells (CH)
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Natural Moisture Content:	
Can No.	506
Wt. of Can	23.04
Wt. of Wet Soil and Can	141.43
Wt. of Dry Soil and Can	93.38
Wt. Of Dry Soil	70.34
Wt. Of Water	48.05
Percent Moisture	68

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	60.0	Shear Stress KSF	0.05
Wet Density	100.9	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.85	Reading 1	6.00
Reading 2	2.82	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.85	Average	6.00
Sample Weight	1011.88		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	15	Depth ft.	31-33	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Soft gray clay with silt and shells (CL)
--------------------	--

Natural Moisture Content:	
Can No.	314
Wt. of Can	18.31
Wt. of Wet Soil and Can	120.05
Wt. of Dry Soil and Can	86.05
Wt. Of Dry Soil	67.74
Wt. Of Water	34.00
Percent Moisture	50

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	70.3	Shear Stress KSF	0.25
Wet Density	105.6	Strain%	4

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.83	Reading 1	5.70
Reading 2	2.84	Reading 2	5.70
Reading 3	2.84	Reading 3	5.70
Average	2.84	Average	5.70
Sample Weight	998.49		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	15	Depth ft.	36-38	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/13/2011

Sample description	Soft gray clay with organic matter (CH)
--------------------	---

Natural Moisture Content:	
Can No.	423
Wt. of Can	27.30
Wt. of Wet Soil and Can	147.58
Wt. of Dry Soil and Can	99.35
Wt. Of Dry Soil	72.05
Wt. Of Water	48.23
Percent Moisture	67

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	63.1	Shear Stress KSF	0.27
Wet Density	105.4	Strain%	8

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.78	Reading 1	5.80
Reading 2	2.79	Reading 2	5.80
Reading 3	2.79	Reading 3	5.80
Average	2.79	Average	5.80
Sample Weight	978.29		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	15	Depth ft.	41-43	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

Sample description	Soft gray clay with organic matter and shell fragments (CH)
--------------------	---

Natural Moisture Content:	
Can No.	400
Wt. of Can	27.28
Wt. of Wet Soil and Can	149.80
Wt. of Dry Soil and Can	108.97
Wt. Of Dry Soil	81.69
Wt. Of Water	40.83
Percent Moisture	50

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	71.1	Shear Stress KSF	0.31
Wet Density	106.6	Strain%	10

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.81	Reading 1	6.00
Reading 2	2.82	Reading 2	6.00
Reading 3	2.79	Reading 3	6.00
Average	2.81	Average	6.00
Sample Weight	1038.88		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	15	Depth ft.	46-48	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

Sample description	Soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	506
Wt. of Can	22.61
Wt. of Wet Soil and Can	146.16
Wt. of Dry Soil and Can	99.05
Wt. Of Dry Soil	76.44
Wt. Of Water	47.11
Percent Moisture	62

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	64.4	Shear Stress KSF	0.22
Wet Density	104.0	Strain%	4

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.84	Reading 1	6.00
Reading 2	2.82	Reading 2	6.00
Reading 3	2.85	Reading 3	6.00
Average	2.84	Average	6.00
Sample Weight	1035.63		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	15	Depth ft.	51-53	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

Sample description	Very soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	405
Wt. of Can	27.38
Wt. of Wet Soil and Can	148.58
Wt. of Dry Soil and Can	91.96
Wt. Of Dry Soil	64.58
Wt. Of Water	56.62
Percent Moisture	88

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	53.9	Shear Stress KSF	0.15
Wet Density	101.2	Strain%	3

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.83	Reading 1	6.00
Reading 2	2.85	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.85	Average	6.00
Sample Weight	1016.71		

Draw a description of Sample Failure		
SLS	x (50)	
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	16	Depth ft.	32-34	GeoJac ID:	1170
Checked By:	DAS	Tested By:	JRK	Date:	6/1/2011

Sample description	Soft dark gray peat with 4inch organic clay layer (PT) (OH)
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Natural Moisture Content:	
Can No.	513
Wt. of Can	22.58
Wt. of Wet Soil and Can	111.93
Wt. of Dry Soil and Can	47.16
Wt. Of Dry Soil	24.58
Wt. Of Water	64.77
Percent Moisture	264

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	19.8	Shear Stress KSF	0.34
Wet Density	71.9	Strain%	6

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.83	Reading 1	6.00
Reading 2	2.84	Reading 2	6.01
Reading 3	2.83	Reading 3	5.99
Average	2.83	Average	6.00
Sample Weight	714.30		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	16	Depth ft.	52-54	GeoJac ID:	1170
Checked By:	DAS	Tested By:	JRK	Date:	6/1/2011

Sample description	Very soft gray clay with 4 inch peat layer (CH) (PT)
--------------------	--

Natural Moisture Content:	
Can No.	538
Wt. of Can	22.58
Wt. of Wet Soil and Can	107.27
Wt. of Dry Soil and Can	51.84
Wt. Of Dry Soil	29.26
Wt. Of Water	55.43
Percent Moisture	189

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	28.6	Shear Stress KSF	0.24
Wet Density	82.8	Strain%	10

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.85	Reading 1	6.05
Reading 2	2.83	Reading 2	6.09
Reading 3	2.86	Reading 3	6.02
Average	2.85	Average	6.05
Sample Weight	837.28		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	16	Depth ft.	57-59	GeoJac ID:	1170
Checked By:	DAS	Tested By:	JRK	Date:	6/1/2011

Sample description	Very soft gray clay with organic matter and 2 inch peat layer (CH)
--------------------	--

Natural Moisture Content:	
Can No.	531
Wt. of Can	22.58
Wt. of Wet Soil and Can	128.67
Wt. of Dry Soil and Can	91.66
Wt. Of Dry Soil	69.08
Wt. Of Water	37.01
Percent Moisture	54

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	62.3	Shear Stress KSF	0.16
Wet Density	95.6	Strain%	11

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.75	Reading 1	5.00
Reading 2	2.85	Reading 2	5.05
Reading 3	2.88	Reading 3	5.07
Average	2.83	Average	5.04
Sample Weight	793.77		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	17	Depth ft.	5-7	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	421
Wt. of Can	27.36
Wt. of Wet Soil and Can	148.80
Wt. of Dry Soil and Can	92.73
Wt. Of Dry Soil	65.37
Wt. Of Water	56.07
Percent Moisture	86

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	51.7	Shear Stress KSF	0.02
Wet Density	96.1	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.78	Reading 1	5.80
Reading 2	2.80	Reading 2	5.80
Reading 3	2.80	Reading 3	5.80
Average	2.79	Average	5.80
Sample Weight	896.49		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	17	Depth ft.	7-9	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	504
Wt. of Can	22.62
Wt. of Wet Soil and Can	142.42
Wt. of Dry Soil and Can	93.59
Wt. Of Dry Soil	70.97
Wt. Of Water	48.83
Percent Moisture	69

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	59.9	Shear Stress KSF	0.11
Wet Density	101.2	Strain%	12

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.69	Reading 1	6.00
Reading 2	2.72	Reading 2	6.00
Reading 3	2.80	Reading 3	6.00
Average	2.74	Average	6.00
Sample Weight	937.48		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	17	Depth ft.	9-11	GeoJac ID:	1170
Checked By:	DU	Tested By:	CB	Date:	6/13/2011

Sample description	Very soft gray clay (CH)
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Natural Moisture Content:	
Can No.	212
Wt. of Can	18.25
Wt. of Wet Soil and Can	148.24
Wt. of Dry Soil and Can	102.41
Wt. Of Dry Soil	84.16
Wt. Of Water	45.83
Percent Moisture	54

Test Type	Cell Pressure (UU only)	
UU		
UC	x	Transducer ID

Dry Density	74.1	Shear Stress KSF	0.10
Wet Density	114.4	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.78	Reading 1	4.00
Reading 2	2.73	Reading 2	4.00
Reading 3	2.80	Reading 3	4.00
Average	2.77	Average	4.00
Sample Weight	724.05		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	17	Depth ft.	26-28	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

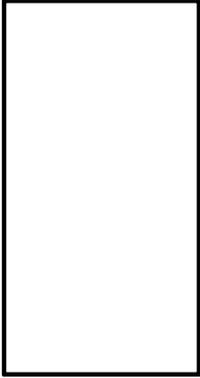
Sample description	Very soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	534
Wt. of Can	22.62
Wt. of Wet Soil and Can	148.68
Wt. of Dry Soil and Can	100.60
Wt. Of Dry Soil	77.98
Wt. Of Water	48.08
Percent Moisture	62

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	67.9	Shear Stress KSF	0.07
Wet Density	109.8	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.81	Reading 1	5.90
Reading 2	2.84	Reading 2	5.90
Reading 3	2.75	Reading 3	5.90
Average	2.80	Average	5.90
Sample Weight	1047.30		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	17	Depth ft.	31-33	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

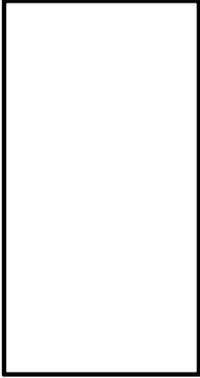
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	402
Wt. of Can	27.40
Wt. of Wet Soil and Can	142.20
Wt. of Dry Soil and Can	75.06
Wt. Of Dry Soil	47.66
Wt. Of Water	67.14
Percent Moisture	141

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	40.4	Shear Stress KSF	0.08
Wet Density	97.4	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.76	Reading 1	6.00
Reading 2	2.74	Reading 2	6.00
Reading 3	2.76	Reading 3	6.00
Average	2.75	Average	6.00
Sample Weight	913.61		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	17	Depth ft.	41-43	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

Sample description	Very soft dark gray peat (PT)
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Natural Moisture Content:	
Can No.	520
Wt. of Can	22.63
Wt. of Wet Soil and Can	136.87
Wt. of Dry Soil and Can	53.51
Wt. Of Dry Soil	30.88
Wt. Of Water	83.36
Percent Moisture	270

Test Type		Cell Pressure PSI		(UU only) KSF	
UU					#VALUE!
UC	x	Transducer ID			

Dry Density	21.2	Shear Stress KSF	0.14
Wet Density	78.5	Strain%	10

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.82	Reading 1	4.80
Reading 2	2.84	Reading 2	4.80
Reading 3	2.84	Reading 3	4.80
Average	2.83	Average	4.80
Sample Weight	623.69		

Draw a description of Sample Failure			
SLS		<div style="border: 1px solid black; width: 100%; height: 150px;"></div>	
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	18	Depth ft.	4-6	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

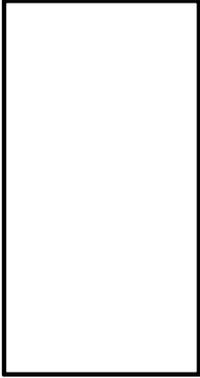
Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	512
Wt. of Can	22.51
Wt. of Wet Soil and Can	133.02
Wt. of Dry Soil and Can	81.42
Wt. Of Dry Soil	58.91
Wt. Of Water	51.60
Percent Moisture	88

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	50.2	Shear Stress KSF	0.02
Wet Density	94.1	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.87	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.82	Reading 3	6.00
Average	2.85	Average	6.00
Sample Weight	945.23		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	18	Depth ft.	10-12	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

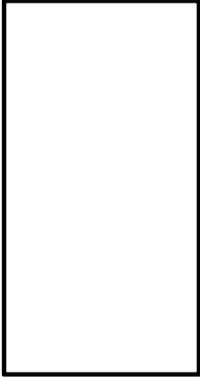
Sample description	Very soft gray clay (CH)
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Natural Moisture Content:	
Can No.	537
Wt. of Can	22.56
Wt. of Wet Soil and Can	133.74
Wt. of Dry Soil and Can	81.45
Wt. Of Dry Soil	58.89
Wt. Of Water	52.29
Percent Moisture	89

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	60.0	Shear Stress KSF	0.07
Wet Density	113.3	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.56	Reading 1	6.00
Reading 2	2.57	Reading 2	6.00
Reading 3	2.63	Reading 3	6.00
Average	2.59	Average	6.00
Sample Weight	938.02		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	18	Depth ft.	12-14	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

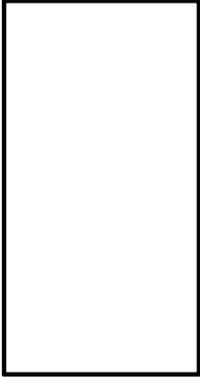
Sample description	Very soft gray clay (CH)
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Natural Moisture Content:	
Can No.	563
Wt. of Can	22.62
Wt. of Wet Soil and Can	131.34
Wt. of Dry Soil and Can	83.05
Wt. Of Dry Soil	60.43
Wt. Of Water	48.29
Percent Moisture	80

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	58.6	Shear Stress KSF	0.09
Wet Density	105.4	Strain%	9

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.65	Reading 1	6.00
Reading 2	2.77	Reading 2	6.00
Reading 3	2.76	Reading 3	6.00
Average	2.73	Average	6.00
Sample Weight	969.07		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	18	Depth ft.	22-24	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

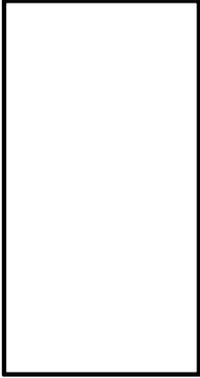
Sample description	Very soft gray clay with silt (CH)
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Natural Moisture Content:	
Can No.	533
Wt. of Can	22.55
Wt. of Wet Soil and Can	134.26
Wt. of Dry Soil and Can	84.47
Wt. Of Dry Soil	61.92
Wt. Of Water	49.79
Percent Moisture	80

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	55.4	Shear Stress KSF	0.21
Wet Density	100.0	Strain%	4

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.76	Reading 1	6.00
Reading 2	2.81	Reading 2	6.00
Reading 3	2.76	Reading 3	6.00
Average	2.78	Average	6.00
Sample Weight	954.00		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	18	Depth ft.	27-29	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

Sample description	Very soft gray silty clay with organic matter (CL)
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Natural Moisture Content:	
Can No.	311
Wt. of Can	18.28
Wt. of Wet Soil and Can	146.88
Wt. of Dry Soil and Can	110.44
Wt. Of Dry Soil	92.16
Wt. Of Water	36.44
Percent Moisture	40

Test Type		Cell Pressure PSI		(UU only) KSF	
UU				#VALUE!	
UC	x	Transducer ID			

Dry Density	72.1	Shear Stress KSF	0.04
Wet Density	100.5	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.77	Reading 1	5.80
Reading 2	2.82	Reading 2	5.80
Reading 3	2.87	Reading 3	5.80
Average	2.82	Average	5.80
Sample Weight	956.03		

Draw a description of Sample Failure			
SLS		<div style="border: 1px solid black; width: 100%; height: 150px;"></div>	
Bulge			
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield	x		
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	18	Depth ft.	32-34	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

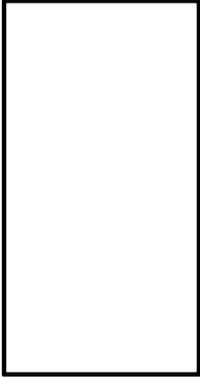
Sample description	Very soft gray clay (CH)
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Natural Moisture Content:	
Can No.	580
Wt. of Can	22.51
Wt. of Wet Soil and Can	134.79
Wt. of Dry Soil and Can	80.45
Wt. Of Dry Soil	57.94
Wt. Of Water	54.34
Percent Moisture	94

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	43.4	Shear Stress KSF	0.10
Wet Density	84.1	Strain%	14

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.75	Reading 1	6.00
Reading 2	2.77	Reading 2	6.00
Reading 3	2.78	Reading 3	6.00
Average	2.77	Average	6.00
Sample Weight	796.17		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	18	Depth ft.	37-39	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

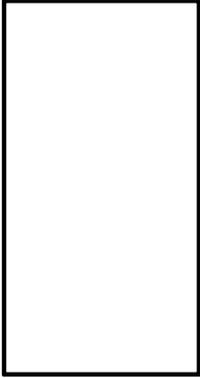
Sample description	Very soft gray peat with organic clay(PT)
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Natural Moisture Content:	
Can No.	516
Wt. of Can	22.54
Wt. of Wet Soil and Can	131.14
Wt. of Dry Soil and Can	81.31
Wt. Of Dry Soil	58.77
Wt. Of Water	49.83
Percent Moisture	85

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	43.0	Shear Stress KSF	0.13
Wet Density	79.4	Strain%	5

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.72	Reading 1	6.00
Reading 2	2.78	Reading 2	6.00
Reading 3	2.84	Reading 3	6.00
Average	2.78	Average	6.00
Sample Weight	759.37		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	18	Depth ft.	42-44	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

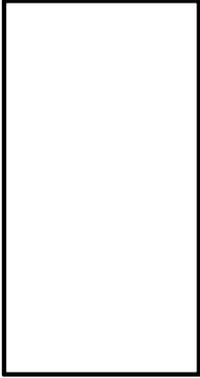
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	203
Wt. of Can	18.38
Wt. of Wet Soil and Can	100.96
Wt. of Dry Soil and Can	54.15
Wt. Of Dry Soil	35.77
Wt. Of Water	46.81
Percent Moisture	131

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	33.7	Shear Stress KSF	0.15
Wet Density	77.9	Strain%	4

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.78	Reading 1	5.90
Reading 2	2.82	Reading 2	5.90
Reading 3	2.82	Reading 3	5.90
Average	2.81	Average	5.90
Sample Weight	746.10		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	19	Depth ft.	18-20	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/15/2011

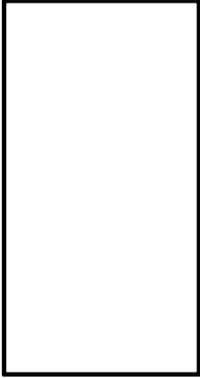
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	535
Wt. of Can	22.58
Wt. of Wet Soil and Can	125.27
Wt. of Dry Soil and Can	39.52
Wt. Of Dry Soil	16.94
Wt. Of Water	85.75
Percent Moisture	506

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	14.3	Shear Stress KSF	0.06
Wet Density	86.5	Strain%	13

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.88	Reading 1	6.00
Reading 2	2.57	Reading 2	6.00
Reading 3	2.77	Reading 3	6.00
Average	2.74	Average	6.00
Sample Weight	803.16		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	19	Depth ft.	22-24	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL/TS	Date:	6/15/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	110
Wt. of Can	19.29
Wt. of Wet Soil and Can	124.93
Wt. of Dry Soil and Can	57.21
Wt. Of Dry Soil	37.92
Wt. Of Water	67.72
Percent Moisture	179

Test Type		Cell Pressure PSI		(UU only) KSF	
UU					#VALUE!
UC	x	Transducer ID			

Dry Density	32.4	Shear Stress KSF	0.04
Wet Density	90.4	Strain%	10

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.71	Reading 1	6.00
Reading 2	2.74	Reading 2	6.00
Reading 3	2.77	Reading 3	6.00
Average	2.74	Average	6.00
Sample Weight	839.96		

Draw a description of Sample Failure	
SLS	
Bulge	
Multiple Shear	x
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	19	Depth ft.	27-29	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL/TS	Date:	6/15/2011

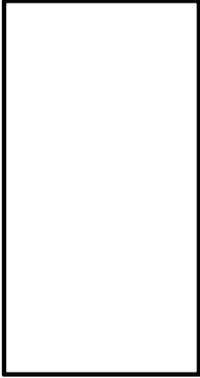
Sample description	Very soft gray silty clay with shells (CL)
--------------------	--

Natural Moisture Content:	
Can No.	319
Wt. of Can	18.00
Wt. of Wet Soil and Can	127.44
Wt. of Dry Soil and Can	89.37
Wt. Of Dry Soil	71.37
Wt. Of Water	38.07
Percent Moisture	53

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	73.0	Shear Stress KSF	0.15
Wet Density	112.0	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.78	Reading 1	5.00
Reading 2	2.81	Reading 2	5.00
Reading 3	2.87	Reading 3	5.00
Average	2.82	Average	5.00
Sample Weight	918.07		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	19	Depth ft.	32-34	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL/TS	Date:	6/15/2011

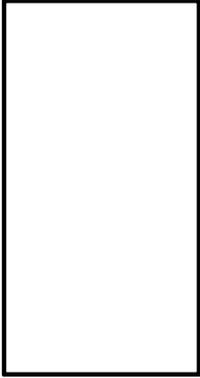
Sample description	Soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	531
Wt. of Can	22.57
Wt. of Wet Soil and Can	148.82
Wt. of Dry Soil and Can	110.29
Wt. Of Dry Soil	87.72
Wt. Of Water	38.53
Percent Moisture	44

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	78.3	Shear Stress KSF	0.45
Wet Density	112.7	Strain%	8

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.78	Reading 1	6.00
Reading 2	2.85	Reading 2	6.00
Reading 3	2.82	Reading 3	6.00
Average	2.82	Average	6.00
Sample Weight	1107.96		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	19	Depth ft.	37-39	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/15/2011

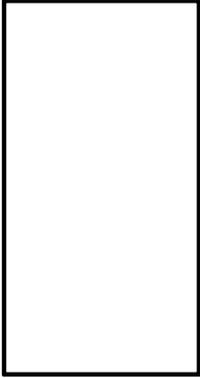
Sample description	Very soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	412
Wt. of Can	27.29
Wt. of Wet Soil and Can	146.73
Wt. of Dry Soil and Can	106.41
Wt. Of Dry Soil	79.12
Wt. Of Water	40.32
Percent Moisture	51

Test Type	Cell Pressure PSI	(UU only) KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	74.6	Shear Stress KSF	0.23
Wet Density	112.6	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.74	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.84	Reading 3	6.00
Average	2.81	Average	6.00
Sample Weight	1102.25		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	19	Depth ft.	42-44	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL/TS	Date:	6/15/2011

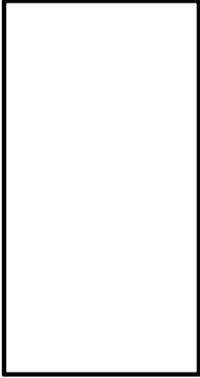
Sample description	Very soft gray clay with organic matter and shells (CH)
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Natural Moisture Content:	
Can No.	407
Wt. of Can	27.34
Wt. of Wet Soil and Can	136.60
Wt. of Dry Soil and Can	97.83
Wt. Of Dry Soil	70.49
Wt. Of Water	38.77
Percent Moisture	55

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	71.5	Shear Stress KSF	0.29
Wet Density	110.8	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.83	Reading 1	6.00
Reading 2	2.85	Reading 2	6.00
Reading 3	2.77	Reading 3	6.00
Average	2.82	Average	6.00
Sample Weight	1086.46		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	19	Depth ft.	47-49	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL/TS	Date:	6/15/2011

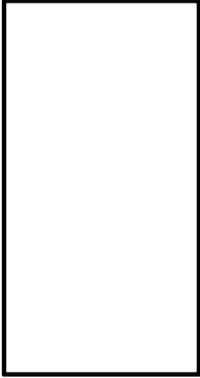
Sample description	Very soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	149
Wt. of Can	19.23
Wt. of Wet Soil and Can	142.30
Wt. of Dry Soil and Can	93.30
Wt. Of Dry Soil	74.07
Wt. Of Water	49.00
Percent Moisture	66

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	66.9	Shear Stress KSF	0.08
Wet Density	111.1	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.78	Reading 1	6.00
Reading 2	2.77	Reading 2	6.00
Reading 3	2.78	Reading 3	6.00
Average	2.78	Average	6.00
Sample Weight	1059.92		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	19	Depth ft.	52-54	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL/TS	Date:	6/15/2011

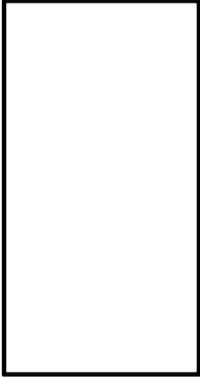
Sample description	Very soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	144
Wt. of Can	19.31
Wt. of Wet Soil and Can	140.86
Wt. of Dry Soil and Can	97.01
Wt. Of Dry Soil	77.70
Wt. Of Water	43.85
Percent Moisture	56

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	70.6	Shear Stress KSF	0.37
Wet Density	110.4	Strain%	14

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.81	Reading 1	6.00
Reading 2	2.84	Reading 2	6.00
Reading 3	2.81	Reading 3	6.00
Average	2.82	Average	6.00
Sample Weight	1086.32		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	20	Depth ft.	20-22	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CE	Date:	6/14/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	510
Wt. of Can	22.49
Wt. of Wet Soil and Can	116.96
Wt. of Dry Soil and Can	53.13
Wt. Of Dry Soil	30.64
Wt. Of Water	63.83
Percent Moisture	208

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	26.7	Shear Stress KSF	0.08
Wet Density	82.4	Strain%	11

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.76	Reading 1	5.90
Reading 2	2.82	Reading 2	5.90
Reading 3	2.74	Reading 3	5.90
Average	2.77	Average	5.90
Sample Weight	770.57		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	20	Depth ft.	22-24	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CE	Date:	6/14/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	300
Wt. of Can	18.34
Wt. of Wet Soil and Can	108.71
Wt. of Dry Soil and Can	45.34
Wt. Of Dry Soil	27.00
Wt. Of Water	63.37
Percent Moisture	235

Test Type		Cell Pressure PSI	(UU only) KSF		
UU					#VALUE!
UC	x	Transducer ID			

Dry Density	25.0	Shear Stress KSF	0.04
Wet Density	83.8	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.79	Reading 1	5.70
Reading 2	2.81	Reading 2	5.60
Reading 3	2.80	Reading 3	5.70
Average	2.80	Average	5.67
Sample Weight	767.89		

Draw a description of Sample Failure			
SLS		<div style="border: 1px solid black; width: 100%; height: 150px;"></div>	
Bulge			
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield	x		
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	20	Depth ft.	24-26	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CE	Date:	6/14/2011

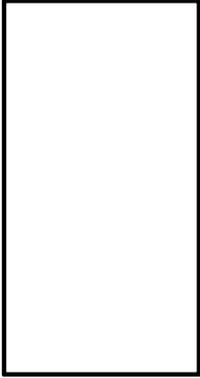
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	503
Wt. of Can	22.56
Wt. of Wet Soil and Can	135.98
Wt. of Dry Soil and Can	67.88
Wt. Of Dry Soil	45.32
Wt. Of Water	68.10
Percent Moisture	150

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	32.6	Shear Stress KSF	0.05
Wet Density	81.5	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.81	Reading 1	6.00
Reading 2	2.84	Reading 2	6.00
Reading 3	2.86	Reading 3	6.00
Average	2.84	Average	6.00
Sample Weight	811.58		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	20	Depth ft.	26-28	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CE	Date:	6/14/2011

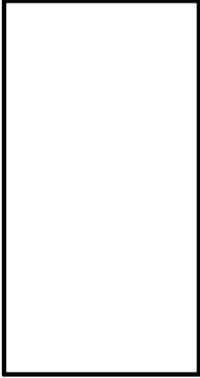
Sample description	Very soft dark gray organic clay (OH)
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Natural Moisture Content:	
Can No.	15
Wt. of Can	13.48
Wt. of Wet Soil and Can	144.94
Wt. of Dry Soil and Can	51.13
Wt. Of Dry Soil	37.65
Wt. Of Water	93.81
Percent Moisture	249

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	25.3	Shear Stress KSF	0.05
Wet Density	88.5	Strain%	10

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.87	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.86	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	899.15		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	20	Depth ft.	31-33	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CE	Date:	6/14/2011

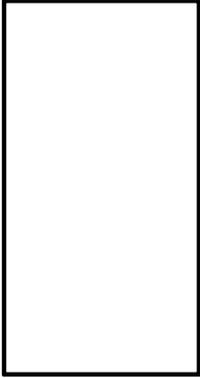
Sample description	Very soft dark gray organic clay (OH)
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Natural Moisture Content:	
Can No.	417
Wt. of Can	27.30
Wt. of Wet Soil and Can	135.38
Wt. of Dry Soil and Can	98.44
Wt. Of Dry Soil	71.14
Wt. Of Water	36.94
Percent Moisture	52

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	57.4	Shear Stress KSF	0.04
Wet Density	87.2	Strain%	14

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.87	Reading 1	6.00
Reading 2	2.84	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	882.46		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	20	Depth ft.	36-38	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CE	Date:	6/14/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	411
Wt. of Can	27.35
Wt. of Wet Soil and Can	149.77
Wt. of Dry Soil and Can	68.00
Wt. Of Dry Soil	40.65
Wt. Of Water	81.77
Percent Moisture	201

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	32.5	Shear Stress KSF	0.08
Wet Density	97.9	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.82	Reading 1	5.90
Reading 2	2.84	Reading 2	5.90
Reading 3	2.84	Reading 3	5.90
Average	2.83	Average	5.90
Sample Weight	956.30		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	20	Depth ft.	41-43	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CE	Date:	6/14/2011

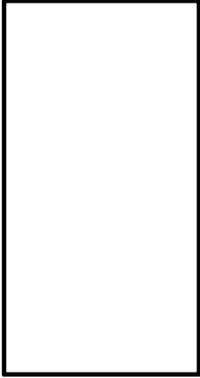
Sample description	Very soft gray clay (CH)
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Natural Moisture Content:	
Can No.	498
Wt. of Can	27.38
Wt. of Wet Soil and Can	146.07
Wt. of Dry Soil and Can	96.05
Wt. Of Dry Soil	68.67
Wt. Of Water	50.02
Percent Moisture	73

Test Type	Cell Pressure (UU only) PSI	KSF
UU		#VALUE!
UC	x	Transducer ID

Dry Density	57.2	Shear Stress KSF	0.11
Wet Density	98.9	Strain%	14

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.86	Reading 1	5.90
Reading 2	2.86	Reading 2	5.90
Reading 3	2.81	Reading 3	5.80
Average	2.84	Average	5.87
Sample Weight	966.79		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	20	Depth ft.	46-48	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CE	Date:	6/16/2011

Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	572
Wt. of Can	22.53
Wt. of Wet Soil and Can	145.14
Wt. of Dry Soil and Can	65.98
Wt. Of Dry Soil	43.45
Wt. Of Water	79.16
Percent Moisture	182

Test Type		Cell Pressure PSI	(UU only) KSF		
UU					#VALUE!
UC	x	Transducer ID			

Dry Density	32.6	Shear Stress KSF	0.09
Wet Density	92.0	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.83	Reading 1	5.90
Reading 2	2.83	Reading 2	5.90
Reading 3	2.82	Reading 3	5.90
Average	2.83	Average	5.90
Sample Weight	894.56		

Draw a description of Sample Failure			
SLS		<div style="border: 1px solid black; width: 100%; height: 150px;"></div>	
Bulge			
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield	x		
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	20	Depth ft.	51-53	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CE	Date:	6/16/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	27
Wt. of Can	13.54
Wt. of Wet Soil and Can	132.13
Wt. of Dry Soil and Can	81.39
Wt. Of Dry Soil	67.85
Wt. Of Water	50.74
Percent Moisture	75

Test Type		Cell Pressure PSI		(UU only) KSF	
UU					#VALUE!
UC	x	Transducer ID			

Dry Density	55.7	Shear Stress KSF	0.09
Wet Density	97.4	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.86	Reading 1	6.00
Reading 2	2.84	Reading 2	6.00
Reading 3	2.84	Reading 3	6.00
Average	2.85	Average	6.00
Sample Weight	976.52		

Draw a description of Sample Failure		
SLS	<div style="border: 1px solid black; width: 100%; height: 150px;"></div>	
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	1	Depth ft.	5-7	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB/OS	Date:	6/9/2011

Sample description	Very soft gray peat (PT)
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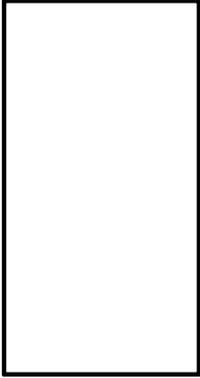
Natural Moisture Content:	
Can No.	502
Wt. of Can	22.54
Wt. of Wet Soil and Can	137.35
Wt. of Dry Soil and Can	51.95
Wt. Of Dry Soil	29.41
Wt. Of Water	85.40
Percent Moisture	290

Test Type		Cell Pressure (UU only) PSI	KSF
UU	x	.4	0.0576
UC		Transducer ID	PS-2498

Dry Density	17.5	Shear Stress KSF	0.08
Wet Density	68.3	Strain%	9

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.86	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.86	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	691.03		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	



Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	1	Depth ft.	7-9	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB/OS	Date:	6/9/2011

Sample description	Very soft dark gray peat (PT)
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Natural Moisture Content:	
Can No.	403
Wt. of Can	27.25
Wt. of Wet Soil and Can	148.04
Wt. of Dry Soil and Can	60.98
Wt. Of Dry Soil	33.73
Wt. Of Water	87.06
Percent Moisture	258

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	1.2		0.1728
UC		Transducer ID		PS-2498

Dry Density	19.4	Shear Stress KSF	0.12
Wet Density	69.5	Strain%	11

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.86	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.86	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	703.67		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	1	Depth ft.	9-11	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB/OS	Date:	6/9/2011

Sample description	Very soft dark organic clay (OL)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	563
Wt. of Can	22.62
Wt. of Wet Soil and Can	130.04
Wt. of Dry Soil and Can	55.15
Wt. Of Dry Soil	32.53
Wt. Of Water	74.89
Percent Moisture	230

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	2		0.288
UC		Transducer ID		PS-2498

Dry Density	24.0	Shear Stress KSF	0.06
Wet Density	79.4	Strain%	11

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.85	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.86	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	801.54		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test
AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	1	Depth ft.	11-13	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB/OS	Date:	6/9/2011

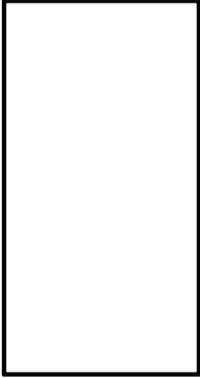
Sample description	Very soft dark organic clay (OH)
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Natural Moisture Content:	
Can No.	163
Wt. of Can	19.39
Wt. of Wet Soil and Can	104.58
Wt. of Dry Soil and Can	52.71
Wt. Of Dry Soil	33.32
Wt. Of Water	51.87
Percent Moisture	156

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	2.8		0.4032	
UC		Transducer ID		PS-2498	

Dry Density	31.7	Shear Stress KSF	0.07
Wet Density	81.1	Strain%	9

Geojac LoadCell ID Number		245628	
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.86	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.86	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	820.63		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear	x	
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	1	Depth ft.	15-17	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CL	Date:	6/9/2011

Sample description	Very soft dark organic clay (OL)
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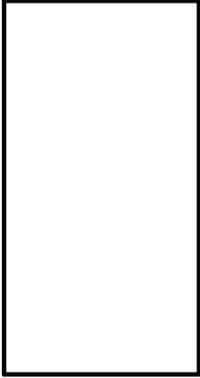
Natural Moisture Content:	
Can No.	534
Wt. of Can	22.62
Wt. of Wet Soil and Can	125.93
Wt. of Dry Soil and Can	64.95
Wt. Of Dry Soil	42.33
Wt. Of Water	60.98
Percent Moisture	144

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	4.4		0.6336
UC		Transducer ID		PS-2498

Dry Density	33.8	Shear Stress KSF	0.08
Wet Density	82.4	Strain%	9

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.87	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.86	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	835.84		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	



Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	1	Depth ft.	19-21	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB/OS	Date:	6/9/2011

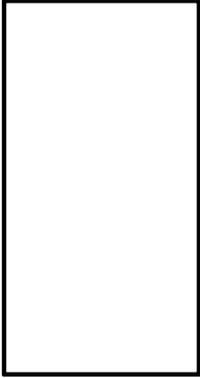
Sample description	Very soft dark gray organic clay (OL)
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Natural Moisture Content:	
Can No.	423
Wt. of Can	27.28
Wt. of Wet Soil and Can	108.27
Wt. of Dry Soil and Can	68.52
Wt. Of Dry Soil	41.24
Wt. Of Water	39.75
Percent Moisture	96

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	6		0.864
UC		Transducer ID		PS-2498

Dry Density	47.6	Shear Stress KSF	0.06
Wet Density	93.6	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.85	Reading 1	6.00
Reading 2	2.83	Reading 2	6.00
Reading 3	2.85	Reading 3	6.00
Average	2.84	Average	6.00
Sample Weight	935.67		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	1	Depth ft.	23-25	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/9/2011

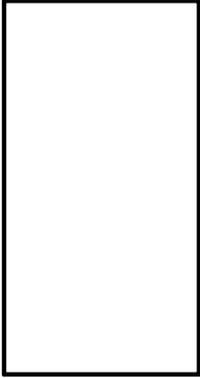
Sample description	Very soft gray clay with organic matter (OH)
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Natural Moisture Content:	
Can No.	148
Wt. of Can	19.29
Wt. of Wet Soil and Can	111.87
Wt. of Dry Soil and Can	65.85
Wt. Of Dry Soil	46.56
Wt. Of Water	46.02
Percent Moisture	99

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	7.6	1.0944
UC		Transducer ID	PS-2497

Dry Density	46.8	Shear Stress KSF	0.07
Wet Density	93.0	Strain%	11

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.81	Reading 1	5.80
Reading 2	2.82	Reading 2	5.80
Reading 3	2.82	Reading 3	5.78
Average	2.82	Average	5.79
Sample Weight	881.65		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test
AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	1	Depth ft.	28-30	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/9/2011

Sample description	Very soft gray peat with shells (PT)
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Natural Moisture Content:	
Can No.	580
Wt. of Can	22.49
Wt. of Wet Soil and Can	121.06
Wt. of Dry Soil and Can	47.32
Wt. Of Dry Soil	24.83
Wt. Of Water	73.74
Percent Moisture	297

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	9.6		1.3824	
UC		Transducer ID		PS-2497	

Dry Density	18.6	Shear Stress KSF	0.11
Wet Density	73.9	Strain%	10

Geojac LoadCell ID Number		245637	
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.83	Reading 1	6.00
Reading 2	2.85	Reading 2	6.00
Reading 3	2.85	Reading 3	6.00
Average	2.84	Average	6.00
Sample Weight	738.58		

Draw a description of Sample Failure			
SLS		<div style="border: 1px solid black; width: 100%; height: 150px;"></div>	
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	1	Depth ft.	33-35	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB/OS	Date:	6/9/2011

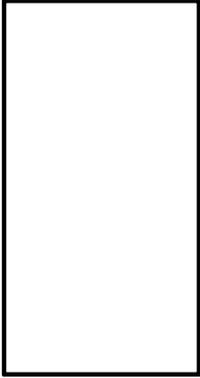
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	314
Wt. of Can	14.82
Wt. of Wet Soil and Can	107.32
Wt. of Dry Soil and Can	57.84
Wt. Of Dry Soil	43.02
Wt. Of Water	49.48
Percent Moisture	115

Test Type		Cell Pressure (UU only) PSI	KSF
UU	x	11.6	1.6704
UC		Transducer ID	PS-2498

Dry Density	36.1	Shear Stress KSF	0.07
Wet Density	77.7	Strain%	12

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.86	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.86	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	786.33		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	2	Depth ft.	6-8	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/9/2011

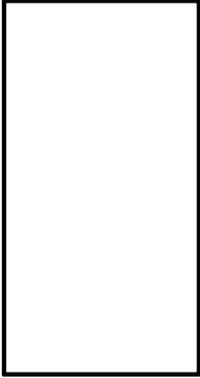
Sample description	Very soft dark gray organic clay (OH)
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Natural Moisture Content:	
Can No.	421
Wt. of Can	27.35
Wt. of Wet Soil and Can	134.21
Wt. of Dry Soil and Can	63.13
Wt. Of Dry Soil	35.78
Wt. Of Water	71.08
Percent Moisture	199

Test Type		Cell Pressure (UU only) PSI	KSF
UU	x	.4	0.0576
UC		Transducer ID	PS-2497

Dry Density	28.1	Shear Stress KSF	0.09
Wet Density	83.8	Strain%	9

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.74	Reading 1	5.90
Reading 2	2.79	Reading 2	5.90
Reading 3	2.78	Reading 3	6.00
Average	2.77	Average	5.93
Sample Weight	786.52		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	2	Depth ft.	8-10	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/9/2011

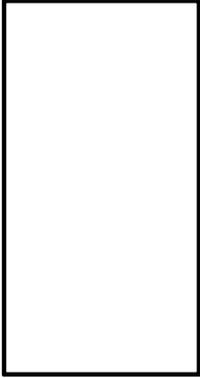
Sample description	Very soft gray organic clay (OL)
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Natural Moisture Content:	
Can No.	402
Wt. of Can	27.37
Wt. of Wet Soil and Can	120.76
Wt. of Dry Soil and Can	56.71
Wt. Of Dry Soil	29.34
Wt. Of Water	64.05
Percent Moisture	218

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	1.2		0.1728
UC		Transducer ID		PS-2497

Dry Density	25.8	Shear Stress KSF	0.10
Wet Density	82.2	Strain%	2

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.74	Reading 1	5.90
Reading 2	2.75	Reading 2	5.90
Reading 3	2.69	Reading 3	5.90
Average	2.73	Average	5.90
Sample Weight	743.67		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	2	Depth ft.	12-14	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/9/2011

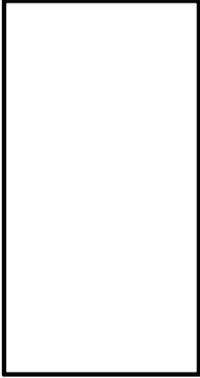
Sample description	Very soft gray organic clay (OL)
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Natural Moisture Content:	
Can No.	564
Wt. of Can	22.55
Wt. of Wet Soil and Can	148.58
Wt. of Dry Soil and Can	85.95
Wt. Of Dry Soil	63.40
Wt. Of Water	62.63
Percent Moisture	99

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	2.8		0.4032
UC		Transducer ID		PS-2497

Dry Density	45.3	Shear Stress KSF	0.13
Wet Density	90.1	Strain%	9

Geojac LoadCell ID Number	245637		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.72	Reading 1	5.90
Reading 2	2.79	Reading 2	5.90
Reading 3	2.66	Reading 3	6.00
Average	2.72	Average	5.93
Sample Weight	817.01		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test
AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	2	Depth ft.	14-16	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/9/2011

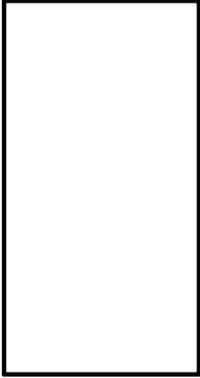
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	540
Wt. of Can	22.54
Wt. of Wet Soil and Can	110.20
Wt. of Dry Soil and Can	65.40
Wt. Of Dry Soil	42.86
Wt. Of Water	44.80
Percent Moisture	105

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	3.6		0.5184	
UC		Transducer ID		PS-2497	

Dry Density	43.1	Shear Stress KSF	0.10
Wet Density	88.1	Strain%	7

Geojac LoadCell ID Number		245628	
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.87	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	898.05		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	2	Depth ft.	16-18	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/9/2011

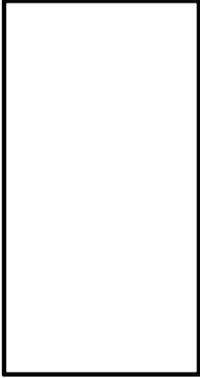
Sample description	Very soft gray organic clay (OL)
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Natural Moisture Content:	
Can No.	537
Wt. of Can	22.56
Wt. of Wet Soil and Can	122.70
Wt. of Dry Soil and Can	71.16
Wt. Of Dry Soil	48.60
Wt. Of Water	51.54
Percent Moisture	106

Test Type		Cell Pressure (UU only) PSI	KSF
UU	x	4.4	0.6336
UC		Transducer ID	PS-2497

Dry Density	44.4	Shear Stress KSF	0.10
Wet Density	91.5	Strain%	12

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.87	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	932.51		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test
AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	2	Depth ft.	34-36	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

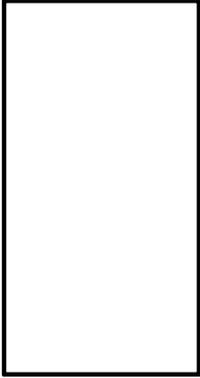
Sample description	Firm gray clayey fine sand (SC)
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Natural Moisture Content:	
Can No.	511
Wt. of Can	22.48
Wt. of Wet Soil and Can	134.87
Wt. of Dry Soil and Can	108.42
Wt. Of Dry Soil	85.94
Wt. Of Water	26.45
Percent Moisture	31

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	11.6		1.6704	
UC		Transducer ID		PS-2498	

Dry Density	89.1	Shear Stress KSF	0.80
Wet Density	116.5	Strain%	7

Geojac LoadCell ID Number		245628	
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.62	Reading 1	6.07
Reading 2	2.91	Reading 2	6.05
Reading 3	2.78	Reading 3	6.11
Average	2.77	Average	6.08
Sample Weight	1119.66		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	2	Depth ft.	44-46	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

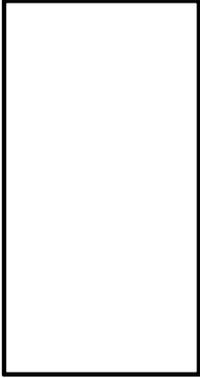
Sample description	Firm gray clayey silt with 4-inch clay layer (CL-ML)
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Natural Moisture Content:	
Can No.	401
Wt. of Can	27.30
Wt. of Wet Soil and Can	104.60
Wt. of Dry Soil and Can	85.21
Wt. Of Dry Soil	57.91
Wt. Of Water	19.39
Percent Moisture	33

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	15.6		2.2464
UC		Transducer ID		PS-2498

Dry Density	87.8	Shear Stress KSF	0.65
Wet Density	117.3	Strain%	14

Geojac LoadCell ID Number	245628		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.81	Reading 1	5.62
Reading 2	2.83	Reading 2	5.57
Reading 3	2.85	Reading 3	5.61
Average	2.83	Average	5.60
Sample Weight	1084.24		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	3	Depth ft.	6-8	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/9/2011

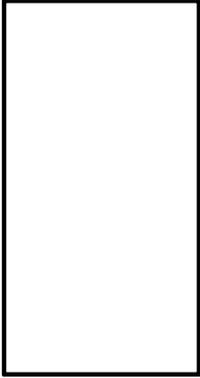
Sample description	Very soft gray organic clay (OL)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	559
Wt. of Can	22.63
Wt. of Wet Soil and Can	119.58
Wt. of Dry Soil and Can	66.28
Wt. Of Dry Soil	43.65
Wt. Of Water	53.30
Percent Moisture	122

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	1.2		0.1728
UC		Transducer ID		PS-2497

Dry Density	38.9	Shear Stress KSF	0.06
Wet Density	86.5	Strain%	12

Geojac LoadCell ID Number	245637		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.78	Reading 1	5.50
Reading 2	2.77	Reading 2	5.50
Reading 3	2.81	Reading 3	5.50
Average	2.79	Average	5.50
Sample Weight	761.22		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	3	Depth ft.	8-10	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

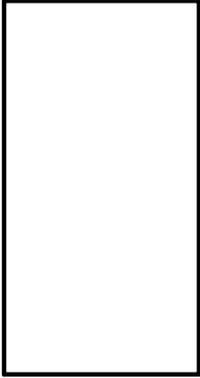
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	517
Wt. of Can	22.52
Wt. of Wet Soil and Can	103.76
Wt. of Dry Soil and Can	58.13
Wt. Of Dry Soil	35.61
Wt. Of Water	45.63
Percent Moisture	128

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	2		0.288
UC		Transducer ID		PS-2498

Dry Density	37.5	Shear Stress KSF	0.10
Wet Density	85.5	Strain%	10

Geojac LoadCell ID Number	245628		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.75	Reading 1	5.06
Reading 2	2.70	Reading 2	5.04
Reading 3	2.68	Reading 3	5.10
Average	2.71	Average	5.07
Sample Weight	655.62		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	3	Depth ft.	10-12	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

Sample description	Very soft gray organic clay (OL)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	413
Wt. of Can	27.32
Wt. of Wet Soil and Can	114.54
Wt. of Dry Soil and Can	67.73
Wt. Of Dry Soil	40.41
Wt. Of Water	46.81
Percent Moisture	116

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	2.8		0.4032
UC		Transducer ID		PS-2498

Dry Density	38.8	Shear Stress KSF	0.05
Wet Density	83.7	Strain%	14

Geojac LoadCell ID Number	245628		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.89	Reading 1	6.00
Reading 2	2.72	Reading 2	6.05
Reading 3	2.78	Reading 3	6.03
Average	2.80	Average	6.03
Sample Weight	813.21		

Draw a description of Sample Failure			
SLS		<div style="border: 1px solid black; width: 100%; height: 150px;"></div>	
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	3	Depth ft.	12-14	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/9/2011

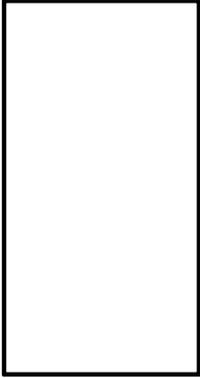
Sample description	Very soft gray organic clay (OL)
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Natural Moisture Content:	
Can No.	33
Wt. of Can	13.40
Wt. of Wet Soil and Can	128.85
Wt. of Dry Soil and Can	60.07
Wt. Of Dry Soil	46.67
Wt. Of Water	68.78
Percent Moisture	147

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	3.6	0.5184
UC		Transducer ID	PS-2498

Dry Density	32.7	Shear Stress KSF	0.07
Wet Density	80.9	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.87	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	823.81		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	3	Depth ft.	14-16	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

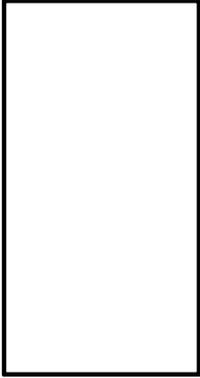
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	505
Wt. of Can	22.57
Wt. of Wet Soil and Can	128.06
Wt. of Dry Soil and Can	69.31
Wt. Of Dry Soil	46.74
Wt. Of Water	58.75
Percent Moisture	126

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	4.4		0.6336
UC		Transducer ID		PS-2498

Dry Density	39.2	Shear Stress KSF	0.07
Wet Density	88.4	Strain%	14

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.50	Reading 1	4.51
Reading 2	2.90	Reading 2	4.53
Reading 3	2.65	Reading 3	4.48
Average	2.68	Average	4.51
Sample Weight	591.39		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	3	Depth ft.	18-20	GeoJac ID:	1171
Checked By:	DAS	Tested By:	JRK	Date:	6/9/2011

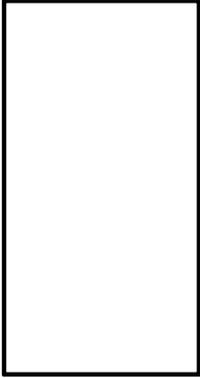
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	512
Wt. of Can	22.52
Wt. of Wet Soil and Can	137.35
Wt. of Dry Soil and Can	74.82
Wt. Of Dry Soil	52.30
Wt. Of Water	62.53
Percent Moisture	120

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	6	0.864
UC		Transducer ID	PS-2498

Dry Density	41.1	Shear Stress KSF	0.07
Wet Density	90.2	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.48	Reading 1	6.00
Reading 2	3.11	Reading 2	6.05
Reading 3	2.79	Reading 3	5.95
Average	2.79	Average	6.00
Sample Weight	871.01		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	4	Depth ft.	6-8	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/10/2011

Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	129
Wt. of Can	19.15
Wt. of Wet Soil and Can	133.52
Wt. of Dry Soil and Can	64.37
Wt. Of Dry Soil	45.22
Wt. Of Water	69.15
Percent Moisture	153

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	1.2	0.1728
UC		Transducer ID	PS-2497

Dry Density	31.7	Shear Stress KSF	0.06
Wet Density	80.1	Strain%	11

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.80	Reading 1	4.50
Reading 2	2.80	Reading 2	4.50
Reading 3	2.77	Reading 3	4.45
Average	2.79	Average	4.48
Sample Weight	576.32		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	4	Depth ft.	8-10	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/10/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	412
Wt. of Can	27.30
Wt. of Wet Soil and Can	139.94
Wt. of Dry Soil and Can	78.86
Wt. Of Dry Soil	51.56
Wt. Of Water	61.08
Percent Moisture	118

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	2	0.288
UC		Transducer ID	PS-2497

Dry Density	40.6	Shear Stress KSF	0.09
Wet Density	88.6	Strain%	11

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.73	Reading 1	5.85
Reading 2	2.77	Reading 2	5.87
Reading 3	2.80	Reading 3	5.84
Average	2.77	Average	5.85
Sample Weight	818.83		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	4	Depth ft.	10-12	GeoJac ID:	1171
Checked By:	DAS	Tested By:	TS/CB	Date:	6/10/2011

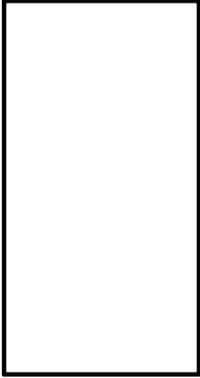
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	515
Wt. of Can	22.55
Wt. of Wet Soil and Can	146.20
Wt. of Dry Soil and Can	76.14
Wt. Of Dry Soil	53.59
Wt. Of Water	70.06
Percent Moisture	131

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	2.8		0.4032
UC		Transducer ID		PS-2498

Dry Density	36.6	Shear Stress KSF	0.07
Wet Density	84.5	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.92	Reading 1	6.00
Reading 2	2.84	Reading 2	6.00
Reading 3	2.88	Reading 3	6.00
Average	2.88	Average	6.00
Sample Weight	864.68		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	4	Depth ft.	20-22	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/10/2011

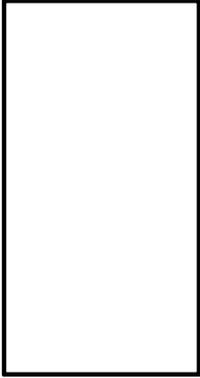
Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	509
Wt. of Can	22.55
Wt. of Wet Soil and Can	140.68
Wt. of Dry Soil and Can	78.88
Wt. Of Dry Soil	56.33
Wt. Of Water	61.80
Percent Moisture	110

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	6.8	0.9792
UC		Transducer ID	PS-2497

Dry Density	45.4	Shear Stress KSF	0.12
Wet Density	95.1	Strain%	10

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.79	Reading 1	6.00
Reading 2	2.82	Reading 2	6.00
Reading 3	2.85	Reading 3	6.00
Average	2.82	Average	6.00
Sample Weight	936.11		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	4	Depth ft.	22-24	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CL	Date:	6/10/2011

Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	422
Wt. of Can	27.45
Wt. of Wet Soil and Can	127.22
Wt. of Dry Soil and Can	71.85
Wt. Of Dry Soil	44.40
Wt. Of Water	55.37
Percent Moisture	125

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	7.6	1.0944
UC		Transducer ID	PS-2498

Dry Density	39.0	Shear Stress KSF	0.07
Wet Density	87.7	Strain%	14

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.85	Reading 1	6.00
Reading 2	2.85	Reading 2	6.00
Reading 3	2.86	Reading 3	6.00
Average	2.85	Average	6.00
Sample Weight	883.03		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	4	Depth ft.	32-34	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/10/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	407
Wt. of Can	27.33
Wt. of Wet Soil and Can	119.77
Wt. of Dry Soil and Can	77.88
Wt. Of Dry Soil	50.55
Wt. Of Water	41.89
Percent Moisture	83

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	11.6	1.6704
UC		Transducer ID	PS-2498

Dry Density	49.5	Shear Stress KSF	0.06
Wet Density	90.6	Strain%	14

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.87	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	920.84		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test
AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	4	Depth ft.	38-40	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/10/2011

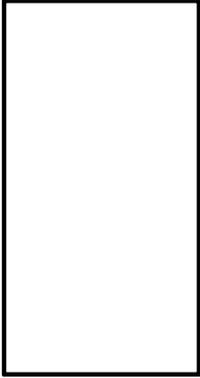
Sample description	Very soft gray clay (CH)
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Natural Moisture Content:	
Can No.	535
Wt. of Can	22.58
Wt. of Wet Soil and Can	134.40
Wt. of Dry Soil and Can	79.36
Wt. Of Dry Soil	56.78
Wt. Of Water	55.04
Percent Moisture	97

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	13.6		1.9584	
UC		Transducer ID		PS-2498	

Dry Density	46.1	Shear Stress KSF	0.09
Wet Density	90.7	Strain%	13

Geojac LoadCell ID Number	245628		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.87	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	924.17		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	5	Depth ft.	6-8	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/10/2011

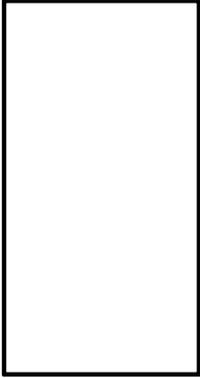
Sample description	Very soft dark gray organic clay (OH)
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Natural Moisture Content:	
Can No.	149
Wt. of Can	19.22
Wt. of Wet Soil and Can	144.47
Wt. of Dry Soil and Can	68.99
Wt. Of Dry Soil	49.77
Wt. Of Water	75.48
Percent Moisture	152

Test Type		Cell Pressure (UU only) PSI	KSF
UU	x	.4	0.0576
UC		Transducer ID	PS-2497

Dry Density	36.4	Shear Stress KSF	0.09
Wet Density	91.6	Strain%	11

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.69	Reading 1	5.85
Reading 2	2.73	Reading 2	5.84
Reading 3	2.63	Reading 3	5.90
Average	2.68	Average	5.86
Sample Weight	797.26		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	5	Depth ft.	8-10	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/10/2011

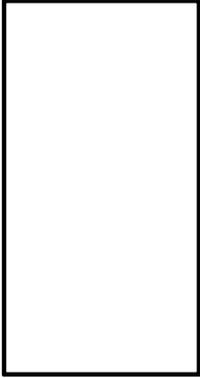
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	531
Wt. of Can	22.57
Wt. of Wet Soil and Can	148.67
Wt. of Dry Soil and Can	74.21
Wt. Of Dry Soil	51.64
Wt. Of Water	74.46
Percent Moisture	144

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	1.2	0.1728
UC		Transducer ID	PS-2497

Dry Density	33.9	Shear Stress KSF	0.10
Wet Density	82.7	Strain%	9

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.77	Reading 1	5.90
Reading 2	2.78	Reading 2	5.90
Reading 3	2.78	Reading 3	5.90
Average	2.78	Average	5.90
Sample Weight	775.39		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	5	Depth ft.	14-16	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/10/2011

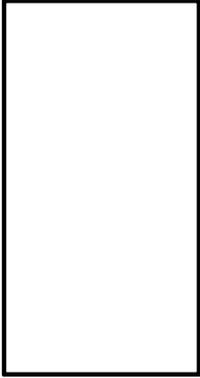
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	581
Wt. of Can	22.52
Wt. of Wet Soil and Can	135.38
Wt. of Dry Soil and Can	50.53
Wt. Of Dry Soil	28.01
Wt. Of Water	84.85
Percent Moisture	303

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	3.6	0.5184
UC		Transducer ID	PS-2497

Dry Density	20.4	Shear Stress KSF	0.11
Wet Density	82.1	Strain%	9

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.80	Reading 1	5.80
Reading 2	2.81	Reading 2	5.90
Reading 3	2.82	Reading 3	5.90
Average	2.81	Average	5.87
Sample Weight	784.36		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	5	Depth ft.	18-20	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/10/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	128
Wt. of Can	19.27
Wt. of Wet Soil and Can	141.36
Wt. of Dry Soil and Can	75.17
Wt. Of Dry Soil	55.90
Wt. Of Water	66.19
Percent Moisture	118

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	5.2		0.7488	
UC		Transducer ID		PS-2497	

Dry Density	41.7	Shear Stress KSF	0.11
Wet Density	91.1	Strain%	10

Geojac LoadCell ID Number		245637	
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.76	Reading 1	6.00
Reading 2	2.79	Reading 2	6.00
Reading 3	2.78	Reading 3	6.00
Average	2.78	Average	6.00
Sample Weight	868.82		

Draw a description of Sample Failure			
SLS		<div style="border: 1px solid black; width: 100%; height: 100%;"></div>	
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	5	Depth ft.	20-22	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/10/2011

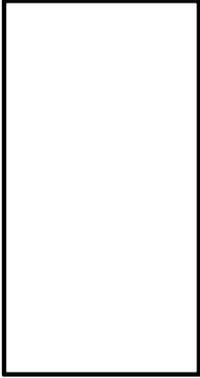
Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	108
Wt. of Can	19.26
Wt. of Wet Soil and Can	120.67
Wt. of Dry Soil and Can	64.07
Wt. Of Dry Soil	44.81
Wt. Of Water	56.60
Percent Moisture	126

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	6	0.864
UC		Transducer ID	PS-2497

Dry Density	43.5	Shear Stress KSF	0.12
Wet Density	98.5	Strain%	12

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.76	Reading 1	5.60
Reading 2	2.84	Reading 2	5.60
Reading 3	2.74	Reading 3	5.60
Average	2.78	Average	5.60
Sample Weight	879.02		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	5	Depth ft.	22-24	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/10/2011

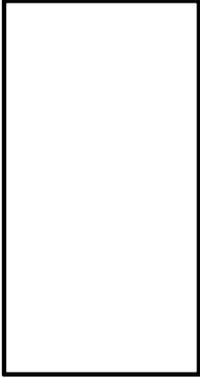
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	582
Wt. of Can	22.51
Wt. of Wet Soil and Can	115.72
Wt. of Dry Soil and Can	60.36
Wt. Of Dry Soil	37.85
Wt. Of Water	55.36
Percent Moisture	146

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	6.8	0.9792
UC		Transducer ID	PS-2498

Dry Density	35.3	Shear Stress KSF	0.05
Wet Density	86.9	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.86	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	881.56		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	5	Depth ft.	29-31	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/10/2011

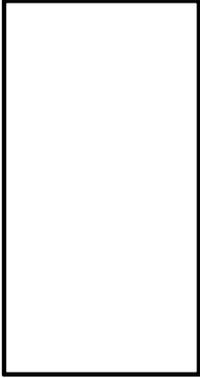
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	110
Wt. of Can	19.30
Wt. of Wet Soil and Can	126.71
Wt. of Dry Soil and Can	69.25
Wt. Of Dry Soil	49.95
Wt. Of Water	57.46
Percent Moisture	115

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	9.6		1.3824
UC		Transducer ID		PS-2498

Dry Density	39.2	Shear Stress KSF	0.05
Wet Density	84.4	Strain%	14

Geojac LoadCell ID Number	245628		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.86	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.86	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	855.80		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	5	Depth ft.	44-46	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/10/2011

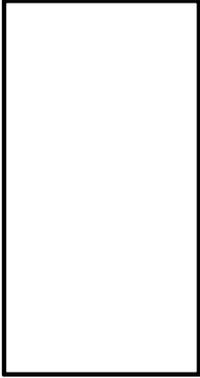
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	510
Wt. of Can	22.48
Wt. of Wet Soil and Can	118.23
Wt. of Dry Soil and Can	73.91
Wt. Of Dry Soil	51.43
Wt. Of Water	44.32
Percent Moisture	86

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	15.6		2.2464
UC		Transducer ID		PS-2498

Dry Density	51.4	Shear Stress KSF	0.05
Wet Density	95.7	Strain%	14

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.87	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	975.06		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	5	Depth ft.	54-56	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/10/2011

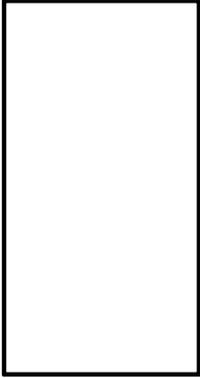
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	119
Wt. of Can	19.12
Wt. of Wet Soil and Can	144.65
Wt. of Dry Soil and Can	92.74
Wt. Of Dry Soil	73.62
Wt. Of Water	51.91
Percent Moisture	71

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	19.6		2.8224
UC		Transducer ID		PS-2498

Dry Density	53.5	Shear Stress KSF	0.04
Wet Density	91.2	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.88	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	931.79		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	7	Depth ft.	5-7	GeoJac ID:	1170
Checked By:	DAS	Tested By:	JRK	Date:	6/1/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	514
Wt. of Can	22.56
Wt. of Wet Soil and Can	182.22
Wt. of Dry Soil and Can	90.18
Wt. Of Dry Soil	67.62
Wt. Of Water	92.04
Percent Moisture	136.11

Test Type		Cell Pressure (UU only)
UU	x	.4
UC		Transducer ID 2497

Dry Density	35.0	Shear Stress KSF	0.116
Wet Density	82.7	Strain%	13

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.87	Reading 1	5.03
Reading 2	2.86	Reading 2	4.99
Reading 3	2.84	Reading 3	5.05
Average	2.86	Average	5.02
Sample Weight	699.03		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	7	Depth ft.	7-9	GeoJac ID:	1170
Checked By:	DAS	Tested By:	JRK	Date:	6/1/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	417
Wt. of Can	27.36
Wt. of Wet Soil and Can	145.46
Wt. of Dry Soil and Can	76.41
Wt. Of Dry Soil	49.05
Wt. Of Water	69.05
Percent Moisture	140.77

Test Type		Cell Pressure (UU only)
UU	x	1.2
UC		Transducer ID 2497

Dry Density	34.4	Shear Stress KSF	0.08
Wet Density	82.9	Strain%	14

Geojac LoadCell ID Number	245637
Sample Diameter Readings	Sample Height Readings
Reading 1 2.86	Reading 1 5.28
Reading 2 2.85	Reading 2 5.19
Reading 3 2.89	Reading 3 5.23
Average 2.87	Average 5.23
Sample Weight	735.18

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	7	Depth ft.	9-11	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/2/2011

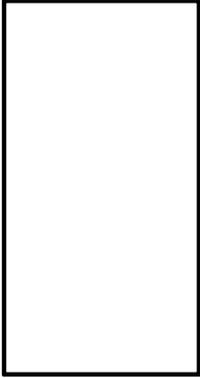
Sample description	Very soft gray organic clay with shells (OH)
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Natural Moisture Content:	
Can No.	425
Wt. of Can	27.33
Wt. of Wet Soil and Can	131.02
Wt. of Dry Soil and Can	68.68
Wt. Of Dry Soil	41.35
Wt. Of Water	62.34
Percent Moisture	151

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	2.0		0.288
UC		Transducer ID		PS-2497

Dry Density	36.0	Shear Stress KSF	0.06
Wet Density	90.3	Strain%	10

Geojac LoadCell ID Number	245637		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.63	Reading 1	6.05
Reading 2	2.76	Reading 2	6.05
Reading 3	2.87	Reading 3	6.05
Average	2.75	Average	6.05
Sample Weight	854.21		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	7	Depth ft.	13-15	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/2/2011

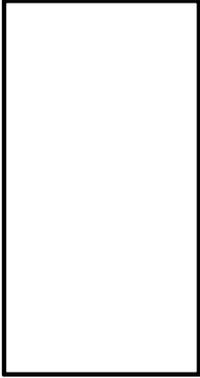
Sample description	Very soft gray organic clay with shells (OH)
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Natural Moisture Content:	
Can No.	162
Wt. of Can	19.41
Wt. of Wet Soil and Can	119.32
Wt. of Dry Soil and Can	64.83
Wt. Of Dry Soil	45.42
Wt. Of Water	54.49
Percent Moisture	120

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	3.6		0.5184
UC		Transducer ID		PS-2497

Dry Density	41.0	Shear Stress KSF	0.06
Wet Density	90.1	Strain%	12

Geojac LoadCell ID Number	245637		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.76	Reading 1	5.80
Reading 2	2.81	Reading 2	5.80
Reading 3	2.80	Reading 3	5.80
Average	2.79	Average	5.80
Sample Weight	838.49		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	7	Depth ft.	15-17	GeoJac ID:	1170
Checked By:	DU	Tested By:	CL	Date:	6/2/2011

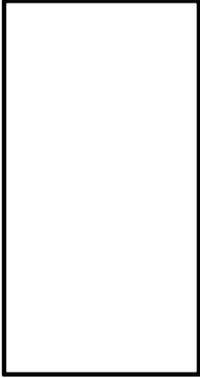
Sample description	Very soft gray organic clay with shells (OH)
--------------------	--

Natural Moisture Content:	
Can No.	129
Wt. of Can	19.20
Wt. of Wet Soil and Can	118.34
Wt. of Dry Soil and Can	61.33
Wt. Of Dry Soil	42.13
Wt. Of Water	57.01
Percent Moisture	135

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	3.6		0.5184
UC		Transducer ID		PS-2497

Dry Density	36.5	Shear Stress KSF	0.04
Wet Density	85.9	Strain%	12

Geojac LoadCell ID Number	245637		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.87	Reading 1	5.80
Reading 2	2.88	Reading 2	5.80
Reading 3	2.87	Reading 3	5.80
Average	2.87	Average	5.80
Sample Weight	848.36		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	7	Depth ft.	19-21	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/2/2011

Sample description	Very soft gray clay with shells (CH)
--------------------	--------------------------------------

Natural Moisture Content:	
Can No.	137
Wt. of Can	19.11
Wt. of Wet Soil and Can	106.82
Wt. of Dry Soil and Can	63.39
Wt. Of Dry Soil	44.28
Wt. Of Water	43.43
Percent Moisture	98

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	6		0.864
UC		Transducer ID		PS-2497

Dry Density	50.5	Shear Stress KSF	0.10
Wet Density	100.1	Strain%	11

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.65	Reading 1	5.70
Reading 2	2.68	Reading 2	5.70
Reading 3	2.74	Reading 3	5.70
Average	2.69	Average	5.70
Sample Weight	851.09		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test
AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	7	Depth ft.	21-23	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/2/2011

Sample description	Very soft gray organic clay with shells (OH)
--------------------	--

Natural Moisture Content:	
Can No.	502
Wt. of Can	22.54
Wt. of Wet Soil and Can	132.03
Wt. of Dry Soil and Can	82.50
Wt. Of Dry Soil	59.96
Wt. Of Water	49.53
Percent Moisture	83

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	6.8		0.9792
UC		Transducer ID		PS-2498

Dry Density	52.6	Shear Stress KSF	0.14
Wet Density	96.1	Strain%	13

Geojac LoadCell ID Number	245628		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.84	Reading 1	5.00
Reading 2	2.84	Reading 2	5.00
Reading 3	2.84	Reading 3	5.00
Average	2.84	Average	5.00
Sample Weight	799.17		

Draw a description of Sample Failure			
SLS		<div style="border: 1px solid black; width: 100%; height: 150px;"></div>	
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	7	Depth ft.	28-30	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/2/2011

Sample description	Very soft gray clay with organic matter (CH)
--------------------	--

Natural Moisture Content:	
Can No.	310
Wt. of Can	18.08
Wt. of Wet Soil and Can	107.16
Wt. of Dry Soil and Can	74.79
Wt. Of Dry Soil	56.71
Wt. Of Water	32.37
Percent Moisture	57

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	9.6		1.3824	
UC		Transducer ID		PS-2498	

Dry Density	67.2	Shear Stress KSF	0.17
Wet Density	105.6	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.82	Reading 1	6.00
Reading 2	2.85	Reading 2	6.00
Reading 3	2.85	Reading 3	6.00
Average	2.84	Average	6.00
Sample Weight	1053.93		

Draw a description of Sample Failure			
SLS		<div style="border: 1px solid black; width: 100%; height: 150px;"></div>	
Bulge			
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield	x		
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	7	Depth ft.	43-45	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/2/2011

Sample description	Very soft gray clay with organic matter (CH)
--------------------	--

Natural Moisture Content:	
Can No.	107
Wt. of Can	19.26
Wt. of Wet Soil and Can	135.40
Wt. of Dry Soil and Can	88.86
Wt. Of Dry Soil	69.60
Wt. Of Water	46.54
Percent Moisture	67

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	15.6		2.2464	
UC		Transducer ID		PS-2498	

Dry Density	61.8	Shear Stress KSF	0.15
Wet Density	103.1	Strain%	13

Geojac LoadCell ID Number		245628	
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.85	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.86	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	1040.63		

Draw a description of Sample Failure			
SLS		<div style="border: 1px solid black; width: 100%; height: 150px;"></div>	
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	11	Depth ft.	3-5	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/2/2011

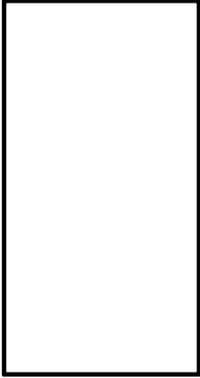
Sample description	Very soft dark gray peat (PT)
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Natural Moisture Content:	
Can No.	557
Wt. of Can	22.59
Wt. of Wet Soil and Can	106.07
Wt. of Dry Soil and Can	36.98
Wt. Of Dry Soil	14.39
Wt. Of Water	69.09
Percent Moisture	480

Test Type		Cell Pressure (UU only) PSI	KSF
UU	x	.4	0.0576
UC		Transducer ID	PS-2497

Dry Density	11.8	Shear Stress KSF	0.11
Wet Density	68.7	Strain%	12

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.85	Reading 1	5.90
Reading 2	2.83	Reading 2	5.90
Reading 3	2.84	Reading 3	5.90
Average	2.84	Average	5.90
Sample Weight	673.81		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	11	Depth ft.	5-7	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/2/2011

Sample description	Very soft gray organic clay (OH)
--------------------	----------------------------------

Natural Moisture Content:	
Can No.	212
Wt. of Can	18.28
Wt. of Wet Soil and Can	115.82
Wt. of Dry Soil and Can	47.60
Wt. Of Dry Soil	29.32
Wt. Of Water	68.22
Percent Moisture	233

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	1.2		0.1728
UC		Transducer ID		PS-2497

Dry Density	25.3	Shear Stress KSF	0.06
Wet Density	84.2	Strain%	10

Geojac LoadCell ID Number	245637		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.86	Reading 1	6.00
Reading 2	2.70	Reading 2	6.00
Reading 3	2.82	Reading 3	6.00
Average	2.79	Average	6.00
Sample Weight	812.62		

Draw a description of Sample Failure			
SLS		<div style="border: 1px solid black; width: 100%; height: 150px;"></div>	
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	11	Depth ft.	7-9	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/2/2011

Sample description	Very soft gray clay (CH)
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Natural Moisture Content:	
Can No.	116
Wt. of Can	19.32
Wt. of Wet Soil and Can	127.08
Wt. of Dry Soil and Can	42.70
Wt. Of Dry Soil	23.38
Wt. Of Water	84.38
Percent Moisture	361

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	2		0.288	
UC		Transducer ID		PS-2497	

Dry Density	21.8	Shear Stress KSF	0.07
Wet Density	100.5	Strain%	12

Geojac LoadCell ID Number		245637	
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.79	Reading 1	5.20
Reading 2	2.82	Reading 2	5.30
Reading 3	2.81	Reading 3	5.40
Average	2.81	Average	5.30
Sample Weight	865.12		

Draw a description of Sample Failure			
SLS		<div style="border: 1px solid black; width: 100%; height: 150px;"></div>	
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	11	Depth ft.	11-13	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/2/2011

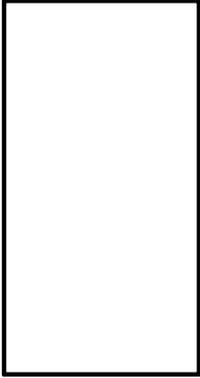
Sample description	Medium gray clay with silt and organic matter (CL)
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Natural Moisture Content:	
Can No.	314
Wt. of Can	18.32
Wt. of Wet Soil and Can	117.70
Wt. of Dry Soil and Can	95.32
Wt. Of Dry Soil	77.00
Wt. Of Water	22.38
Percent Moisture	29

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	3.6	0.5184
UC		Transducer ID	PS-2497

Dry Density	96.5	Shear Stress KSF	0.50
Wet Density	124.6	Strain%	12

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.72	Reading 1	5.60
Reading 2	2.73	Reading 2	5.60
Reading 3	2.73	Reading 3	5.60
Average	2.73	Average	5.60
Sample Weight	1069.32		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	11	Depth ft.	17-19	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/2/2011

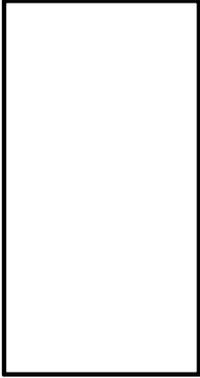
Sample description	Firm gray silty clay with 3-inch sand layer (CL)
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Natural Moisture Content:	
Can No.	165
Wt. of Can	19.22
Wt. of Wet Soil and Can	104.90
Wt. of Dry Soil and Can	81.99
Wt. Of Dry Soil	62.77
Wt. Of Water	22.91
Percent Moisture	36

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	6.0	0.864
UC		Transducer ID	PS-2498

Dry Density	85.8	Shear Stress KSF	0.11
Wet Density	117.1	Strain%	7

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.86	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	1187.30		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	11	Depth ft.	19-21	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/2/2011

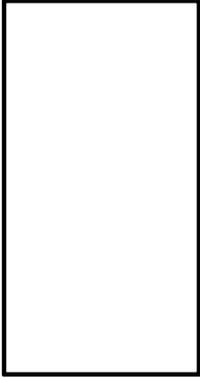
Sample description	Very soft gray clay with organic matter and 2-inch sand layer (CH)
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Natural Moisture Content:	
Can No.	405
Wt. of Can	27.30
Wt. of Wet Soil and Can	144.57
Wt. of Dry Soil and Can	111.43
Wt. Of Dry Soil	84.13
Wt. Of Water	33.14
Percent Moisture	39

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	6.8		0.9792
UC		Transducer ID		PS-2498

Dry Density	81.4	Shear Stress KSF	0.13
Wet Density	113.5	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.85	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.86	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	1146.00		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	12	Depth ft.	5-7	GeoJac ID:	1170
Checked By:	DAS	Tested By:	JRK/CL	Date:	6/2/2011

Sample description	Soft gray silty clay with organic matter (CL)
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Natural Moisture Content:	
Can No.	563
Wt. of Can	22.62
Wt. of Wet Soil and Can	120.73
Wt. of Dry Soil and Can	93.80
Wt. Of Dry Soil	71.18
Wt. Of Water	26.93
Percent Moisture	38

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	.4			0.0576
UC		Transducer ID		PS-2497	

Dry Density	76.8	Shear Stress KSF	0.37
Wet Density	105.9	Strain%	11

Geojac LoadCell ID Number		245637	
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.62	Reading 1	5.25
Reading 2	2.98	Reading 2	5.28
Reading 3	2.77	Reading 3	5.32
Average	2.79	Average	5.28
Sample Weight	898.04		

Draw a description of Sample Failure			
SLS		<div style="border: 1px solid black; width: 100%; height: 150px;"></div>	
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test
AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	12	Depth ft.	7-9	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/3/2011

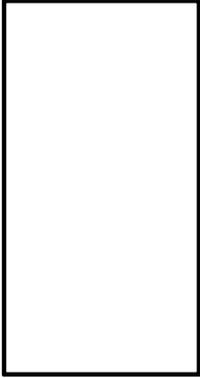
Sample description	Very soft gray organic clay (OL)
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Natural Moisture Content:	
Can No.	535
Wt. of Can	22.57
Wt. of Wet Soil and Can	109.37
Wt. of Dry Soil and Can	47.53
Wt. Of Dry Soil	24.96
Wt. Of Water	61.84
Percent Moisture	248

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	1.2		0.1728	
UC		Transducer ID		PS-2497	

Dry Density	33.3	Shear Stress KSF	0.11
Wet Density	115.8	Strain%	11

Geojac LoadCell ID Number		245637	
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.72	Reading 1	5.40
Reading 2	2.71	Reading 2	5.50
Reading 3	2.72	Reading 3	5.40
Average	2.72	Average	5.43
Sample Weight	957.41		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	12	Depth ft.	13-15	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/3/2011

Sample description	Firm gray silty clay with organic matter (CL)
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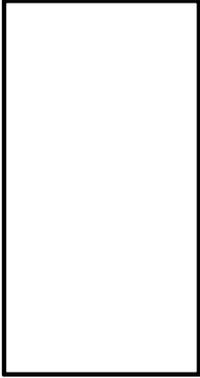
Natural Moisture Content:	
Can No.	407
Wt. of Can	19.60
Wt. of Wet Soil and Can	117.47
Wt. of Dry Soil and Can	102.50
Wt. Of Dry Soil	82.90
Wt. Of Water	14.97
Percent Moisture	18

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	4.4		0.6336
UC		Transducer ID		PS-2497

Dry Density	108.9	Shear Stress KSF	0.36
Wet Density	128.6	Strain%	11

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.61	Reading 1	5.50
Reading 2	2.63	Reading 2	5.60
Reading 3	2.79	Reading 3	5.50
Average	2.68	Average	5.53
Sample Weight	1050.66		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	



Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	12	Depth ft.	15-17	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/3/2011

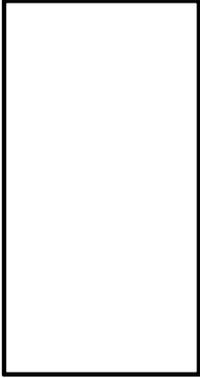
Sample description	Very soft gray silty clay with organic matter (CL)
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Natural Moisture Content:	
Can No.	108
Wt. of Can	19.26
Wt. of Wet Soil and Can	146.97
Wt. of Dry Soil and Can	107.92
Wt. Of Dry Soil	88.66
Wt. Of Water	39.05
Percent Moisture	44

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	5.2	0.7488
UC		Transducer ID	PS-2497

Dry Density	64.1	Shear Stress KSF	0.04
Wet Density	92.3	Strain%	11

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.82	Reading 1	6.00
Reading 2	2.80	Reading 2	6.00
Reading 3	2.86	Reading 3	6.00
Average	2.83	Average	6.00
Sample Weight	912.16		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	12	Depth ft.	17-19	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/3/2011

Sample description	Very soft gray clay (CH)
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Natural Moisture Content:	
Can No.	421
Wt. of Can	27.33
Wt. of Wet Soil and Can	137.84
Wt. of Dry Soil and Can	80.90
Wt. Of Dry Soil	53.57
Wt. Of Water	56.94
Percent Moisture	106

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	6		0.864
UC		Transducer ID		PS-2498

Dry Density	44.9	Shear Stress KSF	0.09
Wet Density	92.6	Strain%	10

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.86	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.86	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	938.88		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	



Data Entry Sheet For Compression - 2010 Version

Compression Test
AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	12	Depth ft.	19-21	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/3/2011

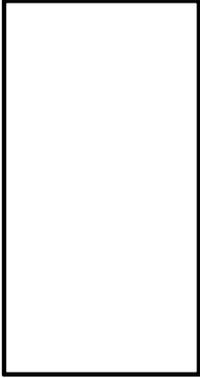
Sample description	Very soft gray clay (CH)
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Natural Moisture Content:	
Can No.	534
Wt. of Can	22.62
Wt. of Wet Soil and Can	111.58
Wt. of Dry Soil and Can	74.79
Wt. Of Dry Soil	52.17
Wt. Of Water	36.79
Percent Moisture	71

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	6.8		0.9792	
UC		Transducer ID		PS-2498	

Dry Density	58.6	Shear Stress KSF	0.08
Wet Density	99.9	Strain%	14

Geojac LoadCell ID Number	245628		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.86	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	1012.84		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	12	Depth ft.	28-30	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/3/2011

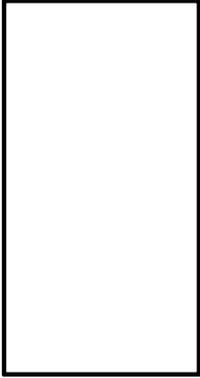
Sample description	Very soft gray clay with shells (CH)
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Natural Moisture Content:	
Can No.	580
Wt. of Can	22.49
Wt. of Wet Soil and Can	123.43
Wt. of Dry Soil and Can	75.74
Wt. Of Dry Soil	53.25
Wt. Of Water	47.69
Percent Moisture	90

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	9.6		1.3824
UC		Transducer ID		PS-2498

Dry Density	48.4	Shear Stress KSF	0.15
Wet Density	91.8	Strain%	14

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.87	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	934.89		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test
AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	12	Depth ft.	38-40	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/3/2011

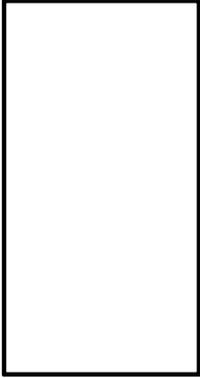
Sample description	Very soft gray clay with shells (CH)
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Natural Moisture Content:	
Can No.	519
Wt. of Can	22.54
Wt. of Wet Soil and Can	119.88
Wt. of Dry Soil and Can	77.90
Wt. Of Dry Soil	55.36
Wt. Of Water	41.98
Percent Moisture	76

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	13.6		1.9584	
UC		Transducer ID		PS-2498	

Dry Density	51.9	Shear Stress KSF	0.07
Wet Density	91.3	Strain%	15

Geojac LoadCell ID Number		245628	
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.88	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	932.48		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield	x	
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test
AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	12	Depth ft.	41-43	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/3/2011

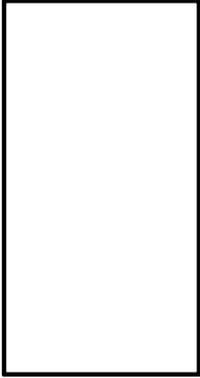
Sample description	Very soft gray organic clay with shells (OH)
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Natural Moisture Content:	
Can No.	411
Wt. of Can	27.33
Wt. of Wet Soil and Can	146.13
Wt. of Dry Soil and Can	83.60
Wt. Of Dry Soil	56.27
Wt. Of Water	62.53
Percent Moisture	111

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	16		2.304	
UC		Transducer ID		PS-2497	

Dry Density	45.3	Shear Stress KSF	0.11
Wet Density	95.5	Strain%	10

Geojac LoadCell ID Number	245637		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.83	Reading 1	6.00
Reading 2	2.80	Reading 2	5.98
Reading 3	2.78	Reading 3	5.96
Average	2.80	Average	5.98
Sample Weight	925.61		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1105
Boring No.	13	Depth ft.	4-6	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/6/2011

Sample description	Very soft gray clay (CH)
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Natural Moisture Content:	
Can No.	539
Wt. of Can	22.56
Wt. of Wet Soil and Can	110.41
Wt. of Dry Soil and Can	66.43
Wt. Of Dry Soil	43.87
Wt. Of Water	43.98
Percent Moisture	100

Test Type		Cell Pressure (UU only)
UU	x	0.4
UC		Transducer ID
		2497

Dry Density	50.7	Shear Stress KSF	0.09
Wet Density	101.5	Strain%	11

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.75	Reading 1	5.85
Reading 2	2.79	Reading 2	5.89
Reading 3	2.87	Reading 3	5.81
Average	2.80	Average	5.85
Sample Weight	962.11		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1105
Boring No.	13	Depth ft.	6-8	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/6/2011

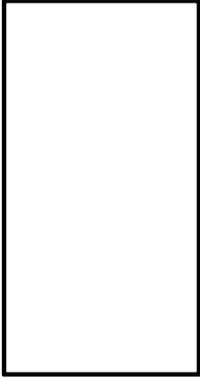
Sample description	Very soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	306
Wt. of Can	18.39
Wt. of Wet Soil and Can	134.19
Wt. of Dry Soil and Can	87.69
Wt. Of Dry Soil	69.30
Wt. Of Water	46.50
Percent Moisture	67

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	1.2	0.1728
UC		Transducer ID	PS-2497

Dry Density	65.9	Shear Stress KSF	0.12
Wet Density	110.1	Strain%	11

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.76	Reading 1	5.75
Reading 2	2.82	Reading 2	5.78
Reading 3	2.76	Reading 3	5.76
Average	2.78	Average	5.76
Sample Weight	1011.22		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1105
Boring No.	13	Depth ft.	8-10	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/6/2011

Sample description	Very soft gray clay with organic matter (CL)
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Natural Moisture Content:	
Can No.	27
Wt. of Can	13.56
Wt. of Wet Soil and Can	146.74
Wt. of Dry Soil and Can	103.78
Wt. Of Dry Soil	90.22
Wt. Of Water	42.96
Percent Moisture	48

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	2	0.288
UC		Transducer ID	PS-2497

Dry Density	78.2	Shear Stress KSF	0.18
Wet Density	115.4	Strain%	11

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.71	Reading 1	5.84
Reading 2	2.78	Reading 2	5.90
Reading 3	2.79	Reading 3	6.00
Average	2.76	Average	5.91
Sample Weight	1071.38		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test
AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1105
Boring No.	13	Depth ft.	10-12	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/6/2011

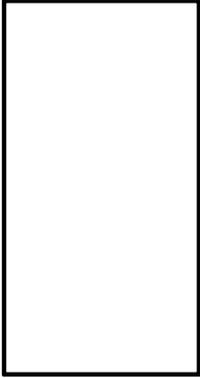
Sample description	Very soft gray clay with organic matter (CL)
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Natural Moisture Content:	
Can No.	207
Wt. of Can	18.26
Wt. of Wet Soil and Can	146.99
Wt. of Dry Soil and Can	111.49
Wt. Of Dry Soil	93.23
Wt. Of Water	35.50
Percent Moisture	38

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	2.8		0.4032	
UC		Transducer ID		PS-2497	

Dry Density	88.5	Shear Stress KSF	0.22
Wet Density	122.2	Strain%	12

Geojac LoadCell ID Number	245637		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.76	Reading 1	5.70
Reading 2	2.73	Reading 2	5.80
Reading 3	2.85	Reading 3	5.65
Average	2.78	Average	5.72
Sample Weight	1112.72		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1105
Boring No.	13	Depth ft.	14-16	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/6/2011

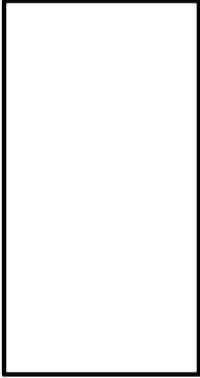
Sample description	Very soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	111
Wt. of Can	19.28
Wt. of Wet Soil and Can	127.92
Wt. of Dry Soil and Can	96.16
Wt. Of Dry Soil	76.88
Wt. Of Water	31.76
Percent Moisture	41

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	4.4	0.6336
UC		Transducer ID	PS-2497

Dry Density	78.7	Shear Stress KSF	0.18
Wet Density	111.2	Strain%	11

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.64	Reading 1	5.60
Reading 2	2.68	Reading 2	5.63
Reading 3	2.81	Reading 3	5.70
Average	2.71	Average	5.64
Sample Weight	950.04		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1105
Boring No.	13	Depth ft.	16-18	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/6/2011

Sample description	Very soft gray clay (CH)
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Natural Moisture Content:	
Can No.	213
Wt. of Can	18.34
Wt. of Wet Soil and Can	144.04
Wt. of Dry Soil and Can	113.93
Wt. Of Dry Soil	95.59
Wt. Of Water	30.11
Percent Moisture	31

Test Type		Cell Pressure (UU only) PSI	KSF
UU	x	5.2	0.7488
UC		Transducer ID	PS-2497

Dry Density	90.1	Shear Stress KSF	0.11
Wet Density	118.5	Strain%	12

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.87	Reading 1	5.50
Reading 2	2.87	Reading 2	5.53
Reading 3	2.87	Reading 3	5.61
Average	2.87	Average	5.55
Sample Weight	1115.78		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	13	Depth ft.	20-22	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/6/2011

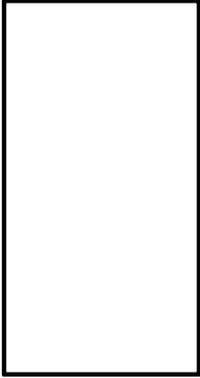
Sample description	Very soft gray silty clay (CL)
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Natural Moisture Content:	
Can No.	503
Wt. of Can	22.56
Wt. of Wet Soil and Can	129.61
Wt. of Dry Soil and Can	101.81
Wt. Of Dry Soil	79.25
Wt. Of Water	27.80
Percent Moisture	35

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	6.8		0.9792
UC		Transducer ID		PS-2498

Dry Density	87.6	Shear Stress KSF	0.16
Wet Density	118.3	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.87	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.88	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	1208.49		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	13	Depth ft.	27-29	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/6/2011

Sample description	Soft gray clay with silt streaks and organic matter (CH)
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Natural Moisture Content:	
Can No.	33
Wt. of Can	13.42
Wt. of Wet Soil and Can	138.69
Wt. of Dry Soil and Can	97.50
Wt. Of Dry Soil	84.08
Wt. Of Water	41.19
Percent Moisture	49

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	9.6	1.3824
UC		Transducer ID	PS-2498

Dry Density	72.1	Shear Stress KSF	0.43
Wet Density	107.4	Strain%	12

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.87	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	1093.86		

Draw a description of Sample Failure	
SLS	
Bulge	
Multiple Shear	x
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	13	Depth ft.	32-34	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/6/2011

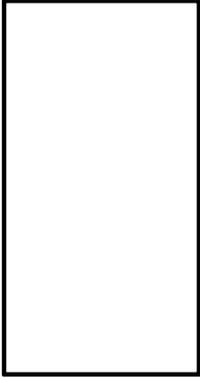
Sample description	Very soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	517
Wt. of Can	22.52
Wt. of Wet Soil and Can	131.69
Wt. of Dry Soil and Can	95.44
Wt. Of Dry Soil	72.92
Wt. Of Water	36.25
Percent Moisture	50

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	11.6		1.6704
UC		Transducer ID		PS-2498

Dry Density	73.6	Shear Stress KSF	0.49
Wet Density	110.2	Strain%	11

Geojac LoadCell ID Number	245628		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.86	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.89	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	1125.61		

Draw a description of Sample Failure			
SLS			
Bulge			
Multiple Shear	x		
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	13	Depth ft.	42-44	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/6/2011

Sample description	Very soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	536
Wt. of Can	22.54
Wt. of Wet Soil and Can	114.48
Wt. of Dry Soil and Can	84.83
Wt. Of Dry Soil	62.29
Wt. Of Water	29.65
Percent Moisture	48

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	15.6		2.2464	
UC		Transducer ID		PS-2498	

Dry Density	70.6	Shear Stress KSF	0.30
Wet Density	104.3	Strain%	9

Geojac LoadCell ID Number	245628		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.87	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	1062.22		

Draw a description of Sample Failure	
SLS	
Bulge	
Multiple Shear	x
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	14	Depth ft.	4-6	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/3/2011

Sample description	Very soft gray clay (CH)
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Natural Moisture Content:	
Can No.	148
Wt. of Can	19.62
Wt. of Wet Soil and Can	115.43
Wt. of Dry Soil and Can	63.55
Wt. Of Dry Soil	43.93
Wt. Of Water	51.88
Percent Moisture	118

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	.4		0.0576
UC		Transducer ID		PS-2497

Dry Density	45.6	Shear Stress KSF	0.14
Wet Density	99.4	Strain%	10

Geojac LoadCell ID Number	245637		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.78	Reading 1	6.00
Reading 2	2.63	Reading 2	6.00
Reading 3	2.66	Reading 3	6.00
Average	2.69	Average	6.00
Sample Weight	889.95		

Draw a description of Sample Failure			
SLS		<div style="border: 1px solid black; width: 100px; height: 150px; margin: auto;"></div>	
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	14	Depth ft.	6-8	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/3/2011

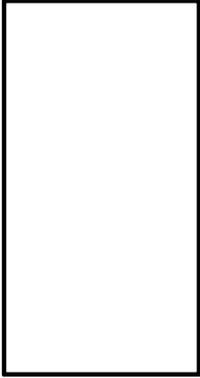
Sample description	Very soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	149
Wt. of Can	19.22
Wt. of Wet Soil and Can	130.78
Wt. of Dry Soil and Can	85.28
Wt. Of Dry Soil	66.06
Wt. Of Water	45.50
Percent Moisture	69

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	1.2	0.1728
UC		Transducer ID	PS-2497

Dry Density	65.3	Shear Stress KSF	0.11
Wet Density	110.3	Strain%	11

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.77	Reading 1	5.83
Reading 2	2.73	Reading 2	5.80
Reading 3	2.70	Reading 3	5.87
Average	2.73	Average	5.83
Sample Weight	991.36		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1105
Boring No.	14	Depth ft.	12-14	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/6/2011

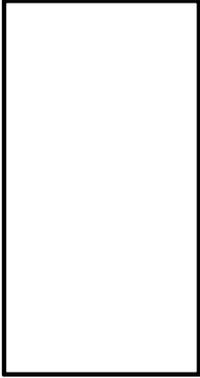
Sample description	Very soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	510
Wt. of Can	22.48
Wt. of Wet Soil and Can	117.90
Wt. of Dry Soil and Can	81.60
Wt. Of Dry Soil	59.12
Wt. Of Water	36.30
Percent Moisture	61

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	3.6	0.5184
UC		Transducer ID	PS-2497

Dry Density	64.2	Shear Stress KSF	0.17
Wet Density	103.7	Strain%	10

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.76	Reading 1	5.91
Reading 2	2.81	Reading 2	5.90
Reading 3	2.80	Reading 3	5.92
Average	2.79	Average	5.91
Sample Weight	983.29		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1105
Boring No.	14	Depth ft.	14-16	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/6/2011

Sample description	Very soft gray clay with organic matter (CH)
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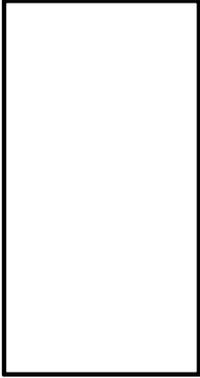
Natural Moisture Content:	
Can No.	559
Wt. of Can	22.63
Wt. of Wet Soil and Can	135.93
Wt. of Dry Soil and Can	95.67
Wt. Of Dry Soil	73.04
Wt. Of Water	40.26
Percent Moisture	55

Test Type		Cell Pressure (UU only) PSI	KSF
UU	x	4.4	0.6336
UC		Transducer ID	PS-2497

Dry Density	72.3	Shear Stress KSF	0.16
Wet Density	112.2	Strain%	11

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.87	Reading 1	5.65
Reading 2	2.87	Reading 2	5.70
Reading 3	2.83	Reading 3	5.53
Average	2.86	Average	5.63
Sample Weight	1061.75		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	



Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	14	Depth ft.	16-18	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/6/2011

Sample description	Very soft gray sandy clay with sand streaks and 1-inch sand layer (CL)
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Natural Moisture Content:	
Can No.	199
Wt. of Can	19.31
Wt. of Wet Soil and Can	147.82
Wt. of Dry Soil and Can	94.44
Wt. Of Dry Soil	75.13
Wt. Of Water	53.38
Percent Moisture	71

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	5.2		0.7488	
UC		Transducer ID		PS-2498	

Dry Density	59.3	Shear Stress KSF	0.09
Wet Density	101.4	Strain%	13

Geojac LoadCell ID Number		245628	
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.86	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.88	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	1030.95		

Draw a description of Sample Failure		
SLS		<div style="border: 1px solid black; width: 100%; height: 150px;"></div>
Bulge	x	
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	14	Depth ft.	27-29	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/6/2011

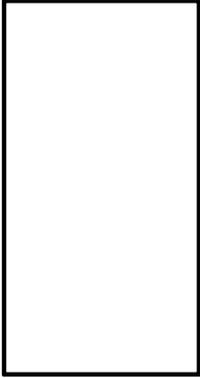
Sample description	Very soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	125
Wt. of Can	19.32
Wt. of Wet Soil and Can	118.49
Wt. of Dry Soil and Can	80.98
Wt. Of Dry Soil	61.66
Wt. Of Water	37.51
Percent Moisture	61

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	9.6		1.3824
UC		Transducer ID		PS-2498

Dry Density	64.8	Shear Stress KSF	0.13
Wet Density	104.3	Strain%	14

Geojac LoadCell ID Number	245628		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.87	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.86	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	1057.56		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	15	Depth ft.	13-15	GeoJac ID:	1171
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray silty clay with 2" fine sand layer and organic matter (CL)
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Natural Moisture Content:	
Can No.	196
Wt. of Can	19.37
Wt. of Wet Soil and Can	146.47
Wt. of Dry Soil and Can	96.26
Wt. Of Dry Soil	76.89
Wt. Of Water	50.21
Percent Moisture	65

Test Type		Cell Pressure (UU only)
UU	x	0.4
UC		Transducer ID PS-2498

Dry Density	70.3	Shear Stress KSF	0.12
Wet Density	116.2	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.78	Reading 1	5.50
Reading 2	2.94	Reading 2	5.50
Reading 3	2.86	Reading 3	5.50
Average	2.86	Average	5.50
Sample Weight	1077.73		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	15	Depth ft.	29-31	GeoJac ID:	1171
Checked By:	DU	Tested By:	CL	Date:	6/13/2011

Sample description	Very soft gray clay with shells (CH)
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Natural Moisture Content:	
Can No.	5.39
Wt. of Can	22.58
Wt. of Wet Soil and Can	149.19
Wt. of Dry Soil and Can	113.02
Wt. Of Dry Soil	90.44
Wt. Of Water	36.17
Percent Moisture	40

Test Type		Cell Pressure (UU only)
UU	x	6.8
UC		Transducer ID PS-2498

Dry Density	70.5	Shear Stress KSF	0.05
Wet Density	98.7	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.88	Reading 1	6.00
Reading 2	2.88	Reading 2	6.00
Reading 3	2.88	Reading 3	6.00
Average	2.88	Average	6.00
Sample Weight	1008.82		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	16	Depth ft.	4-6	GeoJac ID:	1170
Checked By:	DAS	Tested By:	RK	Date:	6/1/2011

Sample description	Very soft dark gray peat (PT)
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Natural Moisture Content:	
Can No.	530
Wt. of Can	22.55
Wt. of Wet Soil and Can	137.88
Wt. of Dry Soil and Can	42.90
Wt. Of Dry Soil	20.35
Wt. Of Water	94.98
Percent Moisture	467

Test Type		Cell Pressure (UU only)
UU	x	.4
UC		Transducer ID
		2497

Dry Density	14.5	Shear Stress KSF	0.08
Wet Density	82.2	Strain%	12

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.63	Reading 1	6.00
Reading 2	2.65	Reading 2	6.00
Reading 3	2.66	Reading 3	6.00
Average	2.65	Average	6.00
Sample Weight	712.00		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		x
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	16	Depth ft.	6-8	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CB	Date:	6/1/2011

Sample description	Very soft dark gray peat (PT)
--------------------	-------------------------------

Natural Moisture Content:	
Can No.	400
Wt. of Can	27.25
Wt. of Wet Soil and Can	113.81
Wt. of Dry Soil and Can	44.58
Wt. Of Dry Soil	17.33
Wt. Of Water	69.23
Percent Moisture	399

Test Type		Cell Pressure (UU only)
UU	x	1.2
UC		Transducer ID 2497

Dry Density	17.7	Shear Stress KSF	0.05
Wet Density	88.3	Strain%	11

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.86	Reading 1	6.00
Reading 2	2.85	Reading 2	6.00
Reading 3	2.84	Reading 3	6.00
Average	2.85	Average	6.00
Sample Weight	886.84		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	16	Depth ft.	10-12	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CB	Date:	6/1/2011

Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	555
Wt. of Can	22.58
Wt. of Wet Soil and Can	123.19
Wt. of Dry Soil and Can	62.76
Wt. Of Dry Soil	40.18
Wt. Of Water	60.43
Percent Moisture	150

Test Type		Cell Pressure (UU only)
UU	x	2.8
UC		Transducer ID 2497

Dry Density	36.8	Shear Stress KSF	0.11
Wet Density	92.2	Strain%	12

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.85	Reading 1	6.00
Reading 2	2.84	Reading 2	6.00
Reading 3	2.84	Reading 3	6.00
Average	2.84	Average	6.00
Sample Weight	922.32		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	16	Depth ft.	12-14	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CB	Date:	6/1/2011

Sample description	Very soft gray clay (CH)
--------------------	--------------------------

Natural Moisture Content:	
Can No.	161
Wt. of Can	19.38
Wt. of Wet Soil and Can	143.77
Wt. of Dry Soil and Can	82.15
Wt. Of Dry Soil	62.77
Wt. Of Water	61.62
Percent Moisture	98

Test Type		Cell Pressure (UU only)
UU	x	3.6
UC		Transducer ID 2497

Dry Density	49.1	Shear Stress KSF	0.16
Wet Density	97.3	Strain%	11

Geojac LoadCell ID Number	245637
Sample Diameter Readings	Sample Height Readings
Reading 1 2.85	Reading 1 6.00
Reading 2 2.85	Reading 2 6.00
Reading 3 2.85	Reading 3 6.00
Average 2.85	Average 6.00
Sample Weight	977.49

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	16	Depth ft.	14-16	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CB	Date:	6/1/2011

Sample description	Very soft gray clay with organic matter (CH)
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Natural Moisture Content:	
Can No.	515
Wt. of Can	22.55
Wt. of Wet Soil and Can	127.83
Wt. of Dry Soil and Can	86.55
Wt. Of Dry Soil	64.00
Wt. Of Water	41.28
Percent Moisture	65

Test Type		Cell Pressure (UU only)
UU	x	4.4
UC		Transducer ID 2497

Dry Density	61.5	Shear Stress KSF	0.25
Wet Density	101.1	Strain%	12

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.83	Reading 1	6.00
Reading 2	2.85	Reading 2	6.00
Reading 3	2.85	Reading 3	6.00
Average	2.84	Average	6.00
Sample Weight	1011.00		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	16	Depth ft.	16-18	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CB	Date:	6/1/2011

Sample description	Very soft gray clay with organic matter (CH)
--------------------	--

Natural Moisture Content:	
Can No.	558
Wt. of Can	22.65
Wt. of Wet Soil and Can	118.75
Wt. of Dry Soil and Can	79.88
Wt. Of Dry Soil	57.23
Wt. Of Water	38.87
Percent Moisture	68

Test Type		Cell Pressure (UU only)
UU	x	5.2
UC		Transducer ID 2497

Dry Density	61.4	Shear Stress KSF	0.12
Wet Density	103.1	Strain%	10

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.83	Reading 1	6.00
Reading 2	2.82	Reading 2	6.00
Reading 3	2.83	Reading 3	6.00
Average	2.83	Average	6.00
Sample Weight	1018.80		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	16	Depth ft.	18-20	GeoJac ID:	1170
Checked By:	DAS	Tested By:	JRK	Date:	6/1/2011

Sample description	Firm gray clayey silt with organic matter and two 2" clay layers (CL-ML)
--------------------	--

Natural Moisture Content:	
Can No.	520
Wt. of Can	22.63
Wt. of Wet Soil and Can	107.97
Wt. of Dry Soil and Can	86.80
Wt. Of Dry Soil	64.17
Wt. Of Water	21.17
Percent Moisture	33

Test Type		Cell Pressure (UU only)
UU	x	6.0
UC		Transducer ID 2497

Dry Density	87.2	Shear Stress KSF	0.19
Wet Density	116.0	Strain%	12

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.73	Reading 1	6.06
Reading 2	2.92	Reading 2	6.01
Reading 3	2.83	Reading 3	6.09
Average	2.83	Average	6.05
Sample Weight	1156.61		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	16	Depth ft.	22-24	GeoJac ID:	1170
Checked By:	DAS	Tested By:	JRK	Date:	6/1/2011

Sample description	Firm gray clayey silt with 3.5-inch clay layer and organic matter (CL-ML)
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Natural Moisture Content:	
Can No.	509
Wt. of Can	22.54
Wt. of Wet Soil and Can	131.74
Wt. of Dry Soil and Can	108.31
Wt. Of Dry Soil	85.77
Wt. Of Water	23.43
Percent Moisture	27

Test Type		Cell Pressure (UU only)
UU	x	7.6
UC		Transducer ID 2497

Dry Density	89.9	Shear Stress KSF	0.67
Wet Density	114.4	Strain%	12

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.87	Reading 1	6.00
Reading 2	2.85	Reading 2	6.05
Reading 3	2.89	Reading 3	5.99
Average	2.87	Average	6.01
Sample Weight	1168.20		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	16	Depth ft.	27-29	GeoJac ID:	1170
Checked By:	DAS	Tested By:	JRK	Date:	6/1/2011

Sample description	Very soft dark gray clay with 3.5-inch clayey silt layer (CH)
--------------------	---

Natural Moisture Content:	
Can No.	423
Wt. of Can	27.29
Wt. of Wet Soil and Can	123.38
Wt. of Dry Soil and Can	79.26
Wt. Of Dry Soil	51.97
Wt. Of Water	44.12
Percent Moisture	85

Test Type		Cell Pressure (UU only)
UU	x	9.6
UC		Transducer ID 2497

Dry Density	52.5	Shear Stress KSF	0.20
Wet Density	97.0	Strain%	11

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.85	Reading 1	5.88
Reading 2	2.87	Reading 2	5.84
Reading 3	2.86	Reading 3	5.82
Average	2.86	Average	5.85
Sample Weight	956.60		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	16	Depth ft.	37-39	GeoJac ID:	1170
Checked By:	DAS	Tested By:	JRK	Date:	6/1/2011

Sample description	Very soft gray clay with 4 inch peat layer and shells (CH) (PT)
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Natural Moisture Content:	
Can No.	413
Wt. of Can	27.31
Wt. of Wet Soil and Can	103.31
Wt. of Dry Soil and Can	68.61
Wt. Of Dry Soil	41.30
Wt. Of Water	34.70
Percent Moisture	84

Test Type		Cell Pressure (UU only)
UU	x	13.6
UC		Transducer ID 2497

Dry Density	45.8	Shear Stress KSF	0.14
Wet Density	84.3	Strain%	13

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.86	Reading 1	6.00
Reading 2	2.88	Reading 2	6.03
Reading 3	2.87	Reading 3	6.00
Average	2.87	Average	6.01
Sample Weight	860.71		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	17	Depth ft.	3-5	GeoJac ID:	1171
Checked By:	DU	Tested By:	CB	Date:	6/13/2011

Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	310
Wt. of Can	18.08
Wt. of Wet Soil and Can	129.01
Wt. of Dry Soil and Can	72.06
Wt. Of Dry Soil	53.98
Wt. Of Water	56.95
Percent Moisture	106

Test Type		Cell Pressure (UU only)
UU	x	0.4
UC		Transducer ID PS-2498

Dry Density	45.4	Shear Stress KSF	0.10
Wet Density	93.4	Strain%	9

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.86	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	947.08		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	17	Depth ft.	11-13	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

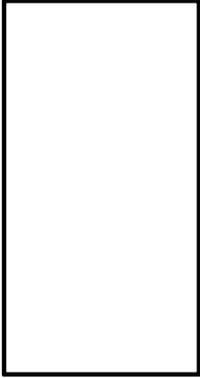
Sample description	Very soft gray clay (CL)
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Natural Moisture Content:	
Can No.	555
Wt. of Can	22.66
Wt. of Wet Soil and Can	140.44
Wt. of Dry Soil and Can	109.45
Wt. Of Dry Soil	86.79
Wt. Of Water	30.99
Percent Moisture	36

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	3.6		0.5184
UC		Transducer ID		PS-2497

Dry Density	85.5	Shear Stress KSF	0.23
Wet Density	116.0	Strain%	14

Geojac LoadCell ID Number		245637	
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.74	Reading 1	5.65
Reading 2	2.84	Reading 2	5.60
Reading 3	2.82	Reading 3	5.70
Average	2.80	Average	5.65
Sample Weight	1059.26		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	17	Depth ft.	17-19	GeoJac ID:	1171
Checked By:	DU	Tested By:	CB	Date:	6/13/2011

Sample description	Firm gray clayey silt (CL-ML)
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Natural Moisture Content:	
Can No.	557
Wt. of Can	22.60
Wt. of Wet Soil and Can	132.36
Wt. of Dry Soil and Can	105.08
Wt. Of Dry Soil	82.48
Wt. Of Water	27.28
Percent Moisture	33

Test Type		Cell Pressure (UU only)
UU	x	6.0
UC		Transducer ID PS-2498

Dry Density	80.8	Shear Stress KSF	0.39
Wet Density	107.5	Strain%	3

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.86	Reading 1	6.00
Reading 2	2.85	Reading 2	6.00
Reading 3	2.86	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	1084.87		

Draw a description of Sample Failure	
SLS	
Bulge	
Multiple Shear	x
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	17	Depth ft.	19-21	GeoJac ID:	1171
Checked By:	DU	Tested By:	CB	Date:	6/13/2011

Sample description	Very soft gray very silty clay (CL)
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Natural Moisture Content:	
Can No.	562
Wt. of Can	22.62
Wt. of Wet Soil and Can	138.60
Wt. of Dry Soil and Can	103.92
Wt. Of Dry Soil	81.30
Wt. Of Water	34.68
Percent Moisture	43

Test Type		Cell Pressure (UU only)
UU	x	6.8
UC		Transducer ID PS-2498

Dry Density	79.4	Shear Stress KSF	0.22
Wet Density	113.3	Strain%	7

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.85	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.88	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	1149.15		

Draw a description of Sample Failure	
SLS	
Bulge	
Multiple Shear	x
Vertical Shear	
Crumble	
Slump	
Yield	
Other	

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	17	Depth ft.	13-15	GeoJac ID:	1171
Checked By:	DU	Tested By:	CB	Date:	6/13/2011

Sample description	Very soft gray very sandy clay (CL)
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Natural Moisture Content:	
Can No.	162
Wt. of Can	19.40
Wt. of Wet Soil and Can	143.67
Wt. of Dry Soil and Can	86.77
Wt. Of Dry Soil	67.37
Wt. Of Water	56.90
Percent Moisture	84

Test Type		Cell Pressure (UU only)
UU	x	4.4
UC		Transducer ID PS-2498

Dry Density	63.1	Shear Stress KSF	0.11
Wet Density	116.4	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.86	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	2.88	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	1183.16		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	18	Depth ft.	6-8	GeoJac ID:	1171
Checked By:	DU	Tested By:	CB	Date:	6/13/2011

Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	121
Wt. of Can	19.20
Wt. of Wet Soil and Can	123.79
Wt. of Dry Soil and Can	66.78
Wt. Of Dry Soil	47.58
Wt. Of Water	57.01
Percent Moisture	120

Test Type		Cell Pressure (UU only)
UU	x	1.2
UC		Transducer ID PS-2498

Dry Density	32.8	Shear Stress KSF	0.10
Wet Density	72.1	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.81	Reading 1	6.00
Reading 2	2.80	Reading 2	6.00
Reading 3	2.85	Reading 3	6.00
Average	2.82	Average	6.00
Sample Weight	709.47		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	18	Depth ft.	14-16	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CL	Date:	6/14/2011

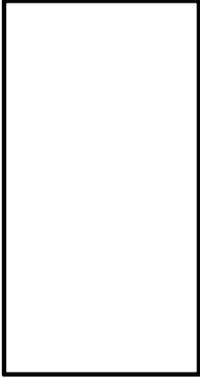
Sample description	Very soft gray silty clay with organic matter (CL)
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Natural Moisture Content:	
Can No.	502
Wt. of Can	22.53
Wt. of Wet Soil and Can	136.50
Wt. of Dry Soil and Can	105.02
Wt. Of Dry Soil	82.49
Wt. Of Water	31.48
Percent Moisture	38

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	4.4	0.6336
UC		Transducer ID	PS-2498

Dry Density	70.8	Shear Stress KSF	0.17
Wet Density	97.9	Strain%	15

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.76	Reading 1	6.00
Reading 2	2.86	Reading 2	6.00
Reading 3	3.02	Reading 3	6.00
Average	2.88	Average	6.00
Sample Weight	1004.01		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		
Vertical Shear		
Crumble		
Slump		
Yield		x
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	19	Depth ft.	4-6	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/14/2011

Sample description	Very soft gray organic clay (OH)
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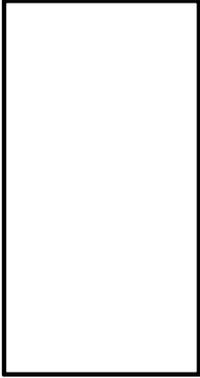
Natural Moisture Content:	
Can No.	420
Wt. of Can	27.36
Wt. of Wet Soil and Can	144.98
Wt. of Dry Soil and Can	68.02
Wt. Of Dry Soil	40.66
Wt. Of Water	76.96
Percent Moisture	189

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	.4	0.0576
UC		Transducer ID	PS-2498

Dry Density	26.4	Shear Stress KSF	0.04
Wet Density	76.4	Strain%	14

Geojac LoadCell ID Number	245637		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.88	Reading 1	6.00
Reading 2	2.77	Reading 2	6.00
Reading 3	2.79	Reading 3	6.00
Average	2.81	Average	6.00
Sample Weight	748.16		

Draw a description of Sample Failure	
SLS	
Bulge	x
Multiple Shear	
Vertical Shear	
Crumble	
Slump	
Yield	
Other	



Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	19	Depth ft.	10-12	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/14/2011

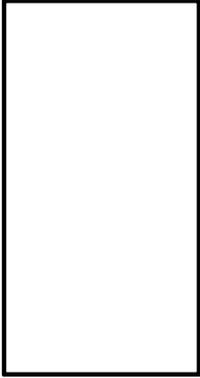
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	558
Wt. of Can	22.64
Wt. of Wet Soil and Can	133.06
Wt. of Dry Soil and Can	57.96
Wt. Of Dry Soil	35.32
Wt. Of Water	75.10
Percent Moisture	213

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	2.8	0.4032
UC		Transducer ID	PS-2498

Dry Density	21.7	Shear Stress KSF	0.03
Wet Density	67.8	Strain%	11

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.87	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	690.53		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	19	Depth ft.	12-14	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/14/2011

Sample description	Very soft gray peat (PT)
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Natural Moisture Content:	
Can No.	564
Wt. of Can	22.54
Wt. of Wet Soil and Can	108.64
Wt. of Dry Soil and Can	51.25
Wt. Of Dry Soil	28.71
Wt. Of Water	57.39
Percent Moisture	200

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	3.6	0.5184
UC		Transducer ID	PS-2498

Dry Density	25.4	Shear Stress KSF	0.08
Wet Density	76.0	Strain%	6

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.79	Reading 1	6.00
Reading 2	2.82	Reading 2	6.00
Reading 3	2.82	Reading 3	6.00
Average	2.81	Average	6.00
Sample Weight	742.64		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	19	Depth ft.	14-16	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CE	Date:	6/14/2011

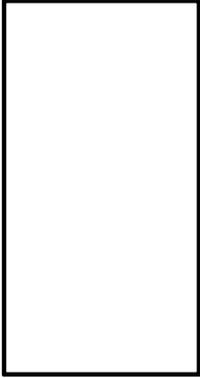
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	404
Wt. of Can	27.43
Wt. of Wet Soil and Can	117.66
Wt. of Dry Soil and Can	60.20
Wt. Of Dry Soil	32.77
Wt. Of Water	57.46
Percent Moisture	175

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	4.4		0.6336
UC		Transducer ID		PS-2498

Dry Density	30.6	Shear Stress KSF	0.11
Wet Density	84.3	Strain%	8

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.73	Reading 1	6.00
Reading 2	2.72	Reading 2	6.00
Reading 3	2.76	Reading 3	6.00
Average	2.74	Average	6.00
Sample Weight	781.34		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1335	Oven ID:	1104
Boring No.	19	Depth ft.	16-18	GeoJac ID:	1170
Checked By:	DAS	Tested By:	CL	Date:	6/15/2011

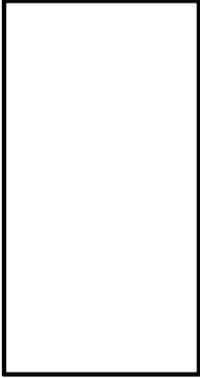
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	565
Wt. of Can	22.63
Wt. of Wet Soil and Can	123.84
Wt. of Dry Soil and Can	76.68
Wt. Of Dry Soil	54.05
Wt. Of Water	47.16
Percent Moisture	87

Test Type		Cell Pressure PSI	(UU only) KSF
UU	x	5.2	0.7488
UC		Transducer ID	PS-2498

Dry Density	48.9	Shear Stress KSF	0.14
Wet Density	91.5	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.67	Reading 1	5.90
Reading 2	2.69	Reading 2	5.90
Reading 3	2.68	Reading 3	5.90
Average	2.68	Average	5.90
Sample Weight	799.57		

Draw a description of Sample Failure			
SLS			
Bulge			
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield	x		
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test

AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	20	Depth ft.	8-10	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/14/2011

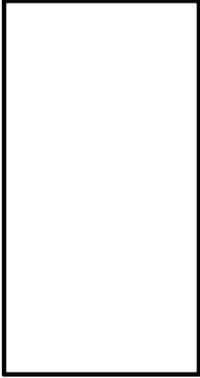
Sample description	Very soft gray peat (PT)
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Natural Moisture Content:	
Can No.	425
Wt. of Can	27.32
Wt. of Wet Soil and Can	131.45
Wt. of Dry Soil and Can	64.37
Wt. Of Dry Soil	37.05
Wt. Of Water	67.08
Percent Moisture	181

Test Type		Cell Pressure (UU only) PSI	KSF
UU	x	.4	0.0576
UC		Transducer ID	PS-2498

Dry Density	26.1	Shear Stress KSF	0.10
Wet Density	73.4	Strain%	13

Geojac LoadCell ID Number	245628		
Sample Diameter Readings	Sample Height Readings		
Reading 1	2.86	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.87	Reading 3	6.00
Average	2.87	Average	6.00
Sample Weight	746.54		

Draw a description of Sample Failure		
SLS		
Bulge		
Multiple Shear		x
Vertical Shear		
Crumble		
Slump		
Yield		
Other		

Data Entry Sheet For Compression - 2010 Version

Compression Test
AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	20	Depth ft.	10-12	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB	Date:	6/14/2011

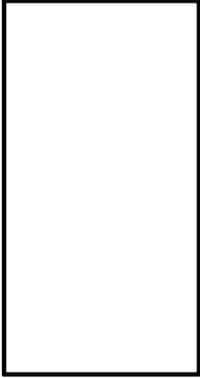
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	540
Wt. of Can	22.54
Wt. of Wet Soil and Can	143.08
Wt. of Dry Soil and Can	77.68
Wt. Of Dry Soil	55.14
Wt. Of Water	65.40
Percent Moisture	119

Test Type		Cell Pressure (UU only) PSI		KSF
UU	x	1.2		0.1728
UC		Transducer ID		PS-2498

Dry Density	40.4	Shear Stress KSF	0.08
Wet Density	88.3	Strain%	15

Geojac LoadCell ID Number	245628		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.86	Reading 1	6.00
Reading 2	2.85	Reading 2	6.00
Reading 3	2.85	Reading 3	6.00
Average	2.85	Average	6.00
Sample Weight	889.28		

Draw a description of Sample Failure			
SLS			
Bulge			
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield	x		
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test				AASHTO 206/296/295			
Project:	Lost Lake Marsh Creation						
Project #	16715-020-00			Scale ID:	1334	Oven ID:	1104
Boring No.	20			Depth ft.	14-16	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CB/CE	Date:	6/14/2011		

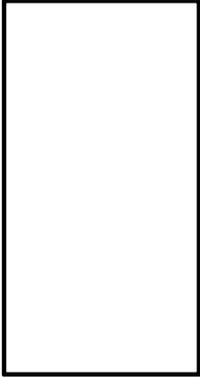
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	517
Wt. of Can	22.49
Wt. of Wet Soil and Can	129.72
Wt. of Dry Soil and Can	77.61
Wt. Of Dry Soil	55.12
Wt. Of Water	52.11
Percent Moisture	95

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	2.8		0.4032	
UC		Transducer ID		PS-2498	

Dry Density	46.0	Shear Stress KSF	0.08
Wet Density	89.4	Strain%	11

Geojac LoadCell ID Number		245628	
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.86	Reading 1	6.00
Reading 2	2.87	Reading 2	6.00
Reading 3	2.86	Reading 3	6.00
Average	2.86	Average	6.00
Sample Weight	907.14		

Draw a description of Sample Failure			
SLS			
Bulge			
Multiple Shear	x		
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

Data Entry Sheet For Compression - 2010 Version

Compression Test
AASHTO 206/296/295

Project:	Lost Lake Marsh Creation				
Project #	16715-020-00	Scale ID:	1334	Oven ID:	1104
Boring No.	20	Depth ft.	16-18	GeoJac ID:	1171
Checked By:	DAS	Tested By:	CE	Date:	6/14/2011

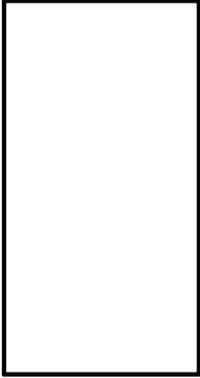
Sample description	Very soft gray organic clay (OH)
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Natural Moisture Content:	
Can No.	120
Wt. of Can	19.31
Wt. of Wet Soil and Can	118.59
Wt. of Dry Soil and Can	61.89
Wt. Of Dry Soil	42.58
Wt. Of Water	56.70
Percent Moisture	133

Test Type		Cell Pressure (UU only) PSI		KSF	
UU	x	3.6		0.5184	
UC		Transducer ID		PS-2498	

Dry Density	37.7	Shear Stress KSF	0.09
Wet Density	88.0	Strain%	10

Geojac LoadCell ID Number	245628		
Sample Diameter Readings		Sample Height Readings	
Reading 1	2.72	Reading 1	6.00
Reading 2	2.79	Reading 2	6.00
Reading 3	2.96	Reading 3	6.00
Average	2.82	Average	6.00
Sample Weight	867.39		

Draw a description of Sample Failure			
SLS			
Bulge	x		
Multiple Shear			
Vertical Shear			
Crumble			
Slump			
Yield			
Other			

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