

- City box number M-7
- Title/cover page w/the following info:
- Company (author) name
 - Report Date
 - Project name
 - Company's job number
 - City DCLU project number (7-digit number)
 - City Permit number (6-digit number)
 - Kroll map index number (3-digit number, w/?E,W,N,S)
 - Green label
 - Site address (may be on 1st or 2nd page of text)
- Executive Summary and associated figures
- Table of Contents
- Project Location Plan/Map or Vicinity Map
- Site Plans, Boring Location Plans, or Exploration Plans
- Survey
- Geologic Maps
- Cross Sections/Subsurface Profiles
- Fill or Peat Thickness Maps and Contour Maps
- Boring Logs
- Geology Text (if no logs)
- Soil Classification Key/Boring Log Key
- Probe Logs
- Test Pit Logs
- Monitoring Well Logs
- Cone Penetrometer Logs
- Shear Wave Velocity Measurements
- Groundwater Maps
- GW Elevation Tables/Data
- Soils Lab Testing (Geotechnical) Summary Tables
- Grain Size Analyses/Hydrometer Analyses
 - Atterberg Limits
 - Strength tests: Triaxial, Unconfined, Direct Shear
 - Organic Content
 - ¹⁴C or Radiocarbon Testing
 - Other _____
- Soil Chemical Analytical Testing Summary Tables
- Water/Groundwater Chemical Analytical Summary Tables
- Comments _____
- Date Copied 4/2 By SM

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1017 Mc Gilvra BVE - 694530

Gilvra

GEOTECHNICAL ENGINEERING REPORT
Proposed Clapp Residence
101X McGilvra Boulevard East
Seattle, Washington

Job Number 6055
for Context Design Build

by DODDS Geosciences Inc.
June 29, 1996

Post Office Box 6966
Bellevue, WA 98008-0966
Telephone (206) 867-3297
Facsimile (206) 881-8641

Context Design Build
1508 - 40th Avenue
Seattle, WA 98122

Job Number 6055
June 29, 1996

Attention: Chris Barker

Subject: Geotechnical Engineering Report
Proposed Clapp Residence
Empty Lot between 1011 & 1021 McGilvra Boulevard East
Seattle, Washington

Dear Client:

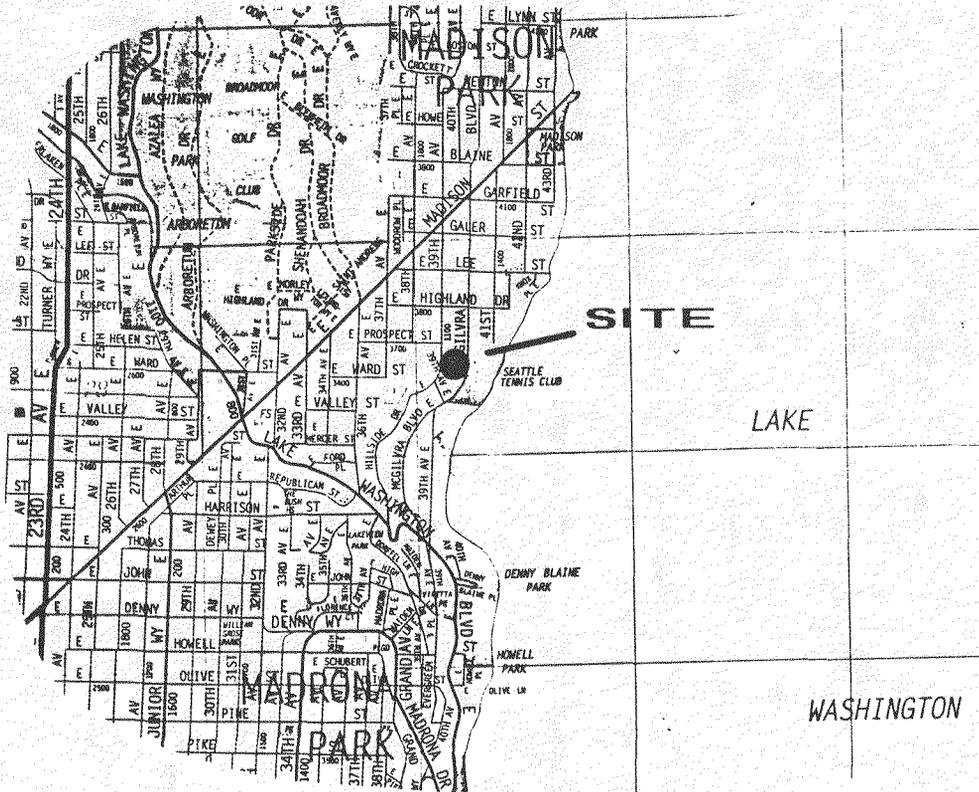
We are pleased to present this Geotechnical Engineering Report for the proposed new Clapp Residence to be constructed on the empty lot between 1011 & 1021 McGilvra Boulevard East in Seattle, Washington. The purposes of our work were to professionally evaluate subsurface soil and groundwater conditions, recommend general procedures for the grading and underslab treatment in the buildings, and recommend bearing capacities for shallow wall footings. The scope of our services included:

- 1) Logging and sampling two test pits excavated to a maximum depth of eight (8) feet below existing grades. The test pits were located in a manner to provide broad coverage of the proposed building site. The test pits were excavated with a rubber-tired backhoe. Test pits were sampled and logged by the undersigned registered professional engineer. Selected samples were taken of subsurface soils.
- 2) Reviewing of collected soil samples in our office and assigning appropriate laboratory tests consisting of moisture content and sieve gradation tests. At the conclusion of the testing program, laboratory results were analyzed and compared with field notes and logs.
- 3) Preparation of this summary report in accordance with our understanding of project requirements as detailed in our Proposal No. 5008, and generally recognized geotechnical engineering practices. No other warranty is expressed or implied. Plate 1, attached, provides the guidelines in the use of this report.

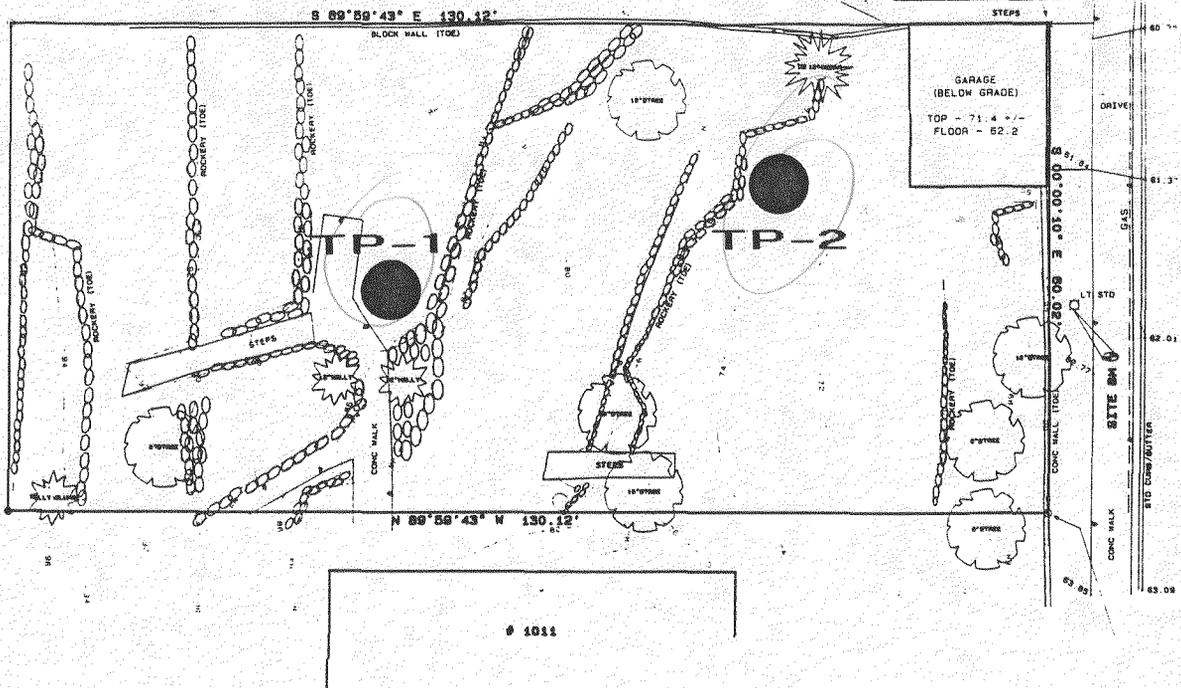
Project Understandings

This office was provided with a Site Plan prepared by Context Design Build and a Topographic Survey by C & C Surveying. These plan sheets documented lot dimensions, elevations, and the location of the proposed structure. Our knowledge of this project is generally limited to the information contained on this plan sheet and our discussions with Chris Barker.

We anticipate the new structure will be a multiple-storied and wood-framed, incorporating a daylight basement. We anticipate the lower finish floor of the structure will be no more than ten feet below existing grades. Finish grades around the exterior of the structure will remain near existing grades. If our understandings are incorrect, a revision of this report may be necessary.



Job Number 6055 - Plate 2
Vicinity Map
Empty Lot
101X McGilvra Blvd. East
Seattle, Washington



1011

Job Number 6055 - Plate 3
Site Plan
Empty Lot
101X McGilvra Blvd. East
Seattle, Washington

TEST PIT 1

DATE EXCAVATED: 5/28/96
 EXCAVATION METHOD: Backhoe
 LOGGED BY: Mark K. Dodds, P.E.
 SURFACE ELEVATION: ± 84.5 MSL

SampNo	Depth/ft	Moisture	USCS	SAMPLES GRAPHIC LOG	DESCRIPTION
			SM	0	Light brown Clayey Silty Sand with some Gravel and occasional cobbles, moist, medium-dense. Oxidized stains. With Silt and Silty Clay lenses.
1	1.0-2.0	9.6%		1	
			SP/SM	3	Brown fine to medium Sand with some Silt, very wet, medium-dense.
2	5.0-6.0	23.9%		5	
				8	Stopped at 8.0 feet. No groundwater seepage noted during excavation.

TEST PIT 2

DATE EXCAVATED: 5/28/96
 EXCAVATION METHOD: Backhoe
 LOGGED BY: Mark K. Dodds, P.E.
 SURFACE ELEVATION: ± 74.0 MSL

SampNo	Depth/ft	Moisture	USCS	SAMPLES GRAPHIC LOG	DESCRIPTION
			SM	0	Brown fine to medium Sand with some Silt, very wet, loose. Becomes medium-dense.
3	3.0-4.0	11.3%		3	
				6	Stopped at 6.0 feet. No groundwater seepage noted during excavation.

DODDS Geosciences Inc.
 P.O. Box 6966
 Bellevue, Washington
 Tele: (206) 867-3297

LOG OF TEST PITS 1 AND 2
 Clapp Property
 101X McGilvra Blvd. E., Seattle, Washington

**TEST PIT
 REPORT**

DODDS GEOSCIENCES INC.

MATERIAL: Native Soil

SOURCE: TP-1; 1.0' - 2.0'

SAMPLED BY: Mark Dodds

DATE: 5/28/96

SCREEN SIZE	ACCUM-WEIGHT RETAINED (Grams)	ACCUM-PERCENT RETAINED	PERCENT PASSING
2.0"			100.0
3/4"	14.2	3.3	96.7
3/8"	21.8	5.1	94.9
#4	33.0	7.7	92.3
#10	48.6	11.3	88.7
#40	91.3	21.3	78.7
#100	223.0	52.0	48.0
#200	266.1	62.1	37.9

ASTM C136	X ASTM D1140
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Job Number 6055 - Plate 5
Sieve Analysis
Empty Lot
101X McGilvra Blvd. East
Seattle, Washington

DODDS GEOSCIENCES INC.

MATERIAL: Native Soil

SOURCE: TP-1; 5.0'- 6.0'

SAMPLED BY: Mark Dodds

DATE: 5/28/96

SCREEN SIZE	ACCUM-WEIGHT RETAINED (Grams)	ACCUM-PERCENT RETAINED	PERCENT PASSING
2.0"			100.0
3/4"			100.0
3/8"			100.0
#4	1.1	0.3	99.7
#10	1.4	0.4	99.6
#40	3.5	1.1	98.9
#100	227.2	69.7	30.3
#200	285.4	87.5	12.5

ASTM C136	X ASTM D1140
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Job Number 6055 - Plate 6
Sieve Analysis
Empty Lot
101X McGilvra Blvd. East
Seattle, Washington

DODDS GEOSCIENCES INC.

MATERIAL: Native Soil

SOURCE: TP-2; 3.0' - 4.0'

SAMPLED BY: Mark Dodds

DATE: 5/28/96

SCREEN SIZE	ACCUM-WEIGHT RETAINED (Grams)	ACCUM-PERCENT RETAINED	PERCENT PASSING
2.0"			100.0
3/4"			100.0
3/8"			100.0
#4	7.3	2.0	98.0
#10	17.3	4.7	95.3
#40	65.9	17.7	82.3
#100	268.2	72.1	27.9
#200	314.0	84.4	15.6

ASTM C136	X ASTM D1140
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Job Number 6055 - Plate 7
Sieve Analysis
Empty Lot
101X McGilvra Blvd. East
Seattle, Washington