August 16, 2022

Bruce White
D.R. Horton
11241 Slater Avenue Northeast, Suite 200
Kirkland, Washington 98034

RE: Groundwater Level Monitoring
McAllister Springs
2402 Marvin Road Southwest
Lacey, Thurston County, Washington
RGI Job No. 2022-004-2

The Riley Group, Inc. (RGI) is pleased to present this report documenting groundwater level monitoring at the proposed McAllister Springs Site located at 2402 Marvin Road Southeast in Lacey, Washington as shown on Figure 1.

RGI oversaw the installation of monitoring wells MW-1, MW-2, MW-3, and WP-1 at the Site. Monitoring well locations are shown on Figure 2.

Groundwater Level Monitoring

Groundwater levels were monitored in monitoring wells MW-1, MW-2, MW-3, and WP-1 from January 2022 through April 2022 wet season. The highest/shallowest depth to groundwater levels are presented in Table 1 below:

Table 1: Groundwater Levels

Well	Seasonal High Depth to Groundwater Below grade (feet)
MW-1	5.75
MW-2	12.81
MW-3	16.26
WP-1	9.19

Limitations

This report is the property of RGI, DR Horton, and its designated agents. Within the limits of the scope and budget, the groundwater monitoring was completed in accordance with generally accepted geotechnical engineering practices in the area at the time this report was issued. This groundwater level monitoring is intended for specific application to the proposed McAllister Springs development in Lacey, Washington, and for the exclusive use of DR Horton and its authorized representatives.

Please call us at (425) 415-0551 if you have any questions or need additional information.

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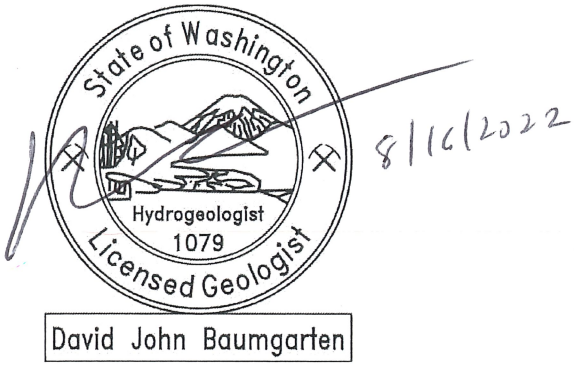
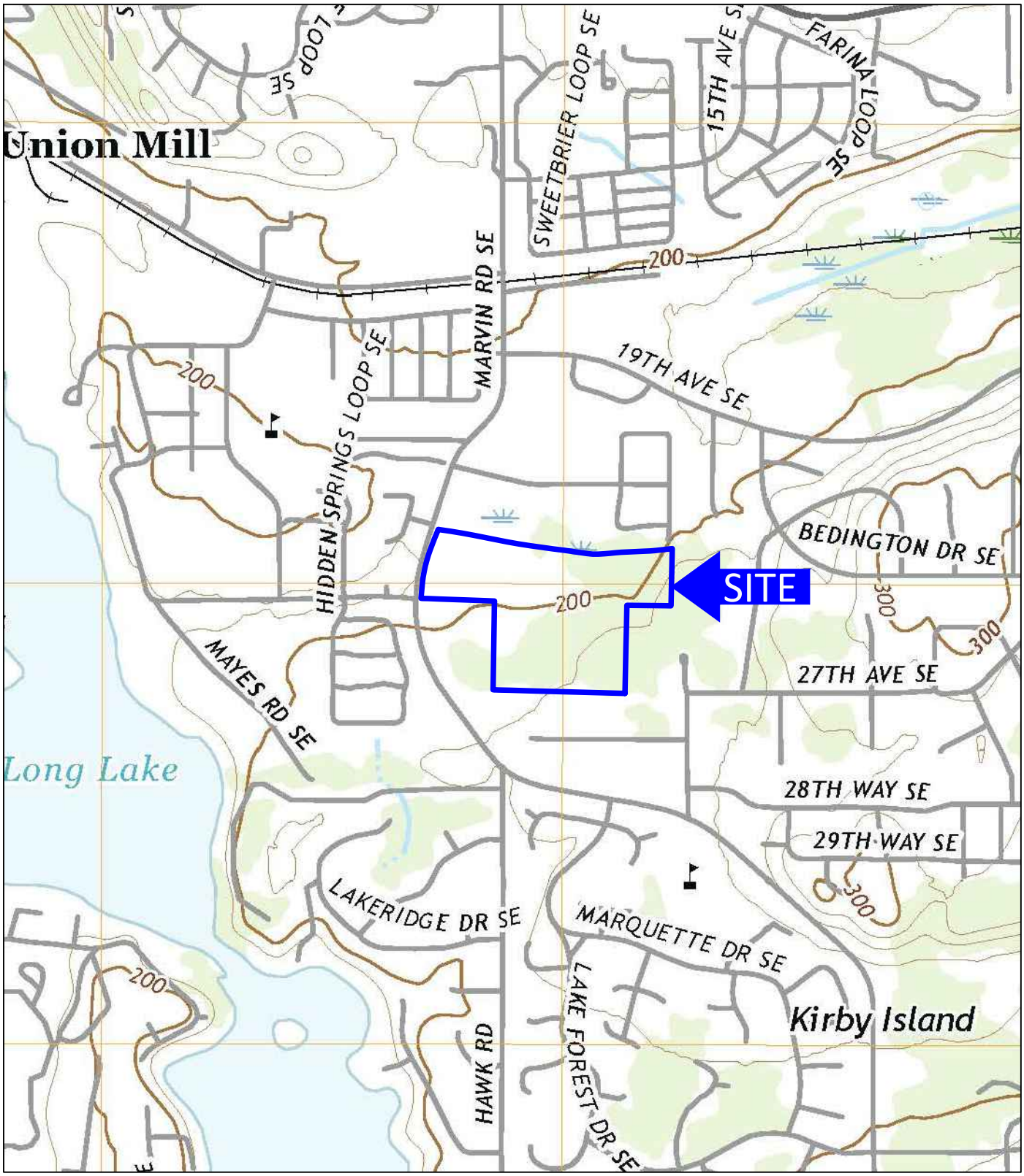
Respectfully submitted,

THE RILEY GROUP, INC.



David J. Baumgarten, LHG
Associate Hydrogeologist

Attachments: Figure 1 Site Vicinity Map
Figure 2 Geotechnical Exploration Plan
Monitoring Well Logs (MW-1, MW-2, MW-3, WP-1)



USGS, 2020, Lacey, Washington
7.5-Minute Quadrangle

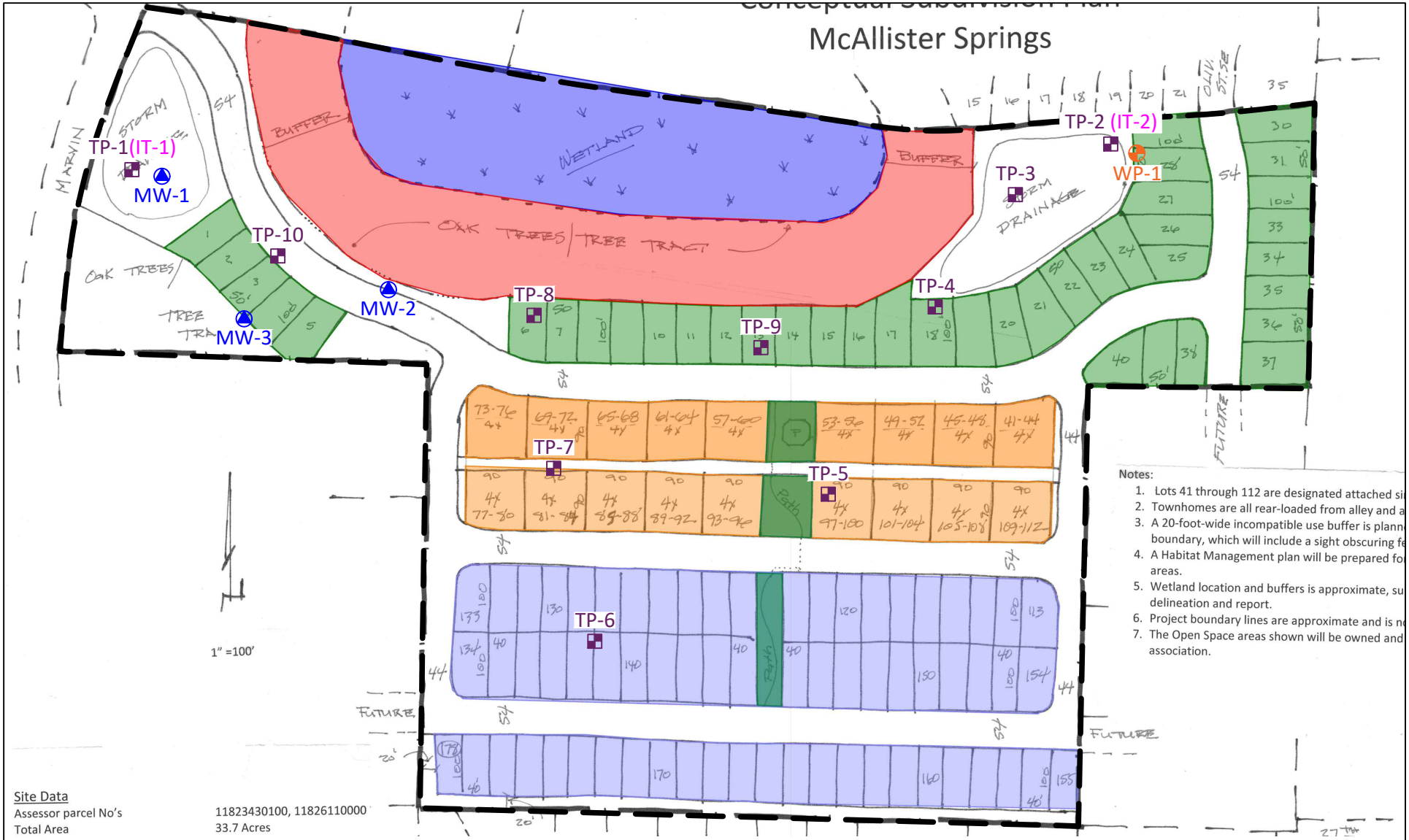
Approximate Scale: 1"=1000'

0 500 1000 2000

N

RILEYGROUP
Corporate Office
17522 Bothell Way Northeast
Bothell, Washington 98011
Phone: 425.415.0551
Fax: 425.415.0311

McAllister Springs		Figure 1
RGI Project Number: 2022-004-1	Site Vicinity Map	Date Drawn: 03/2022
Address: 2402 Marvin Road Southeast, Lacey, Washington 98513		



Site Data
Assessor parcel No's 11823430100, 11826110000
Total Area 33.7 Acres

= Well point by RGI, 02/08/22
= Test pit/Infiltration test (in magenta) by RGI, 02/01/22
= Monitoring well by RGI, 01/19/22
= Site boundary

Approximate Scale: 1"=200'
0 100 200 400
N

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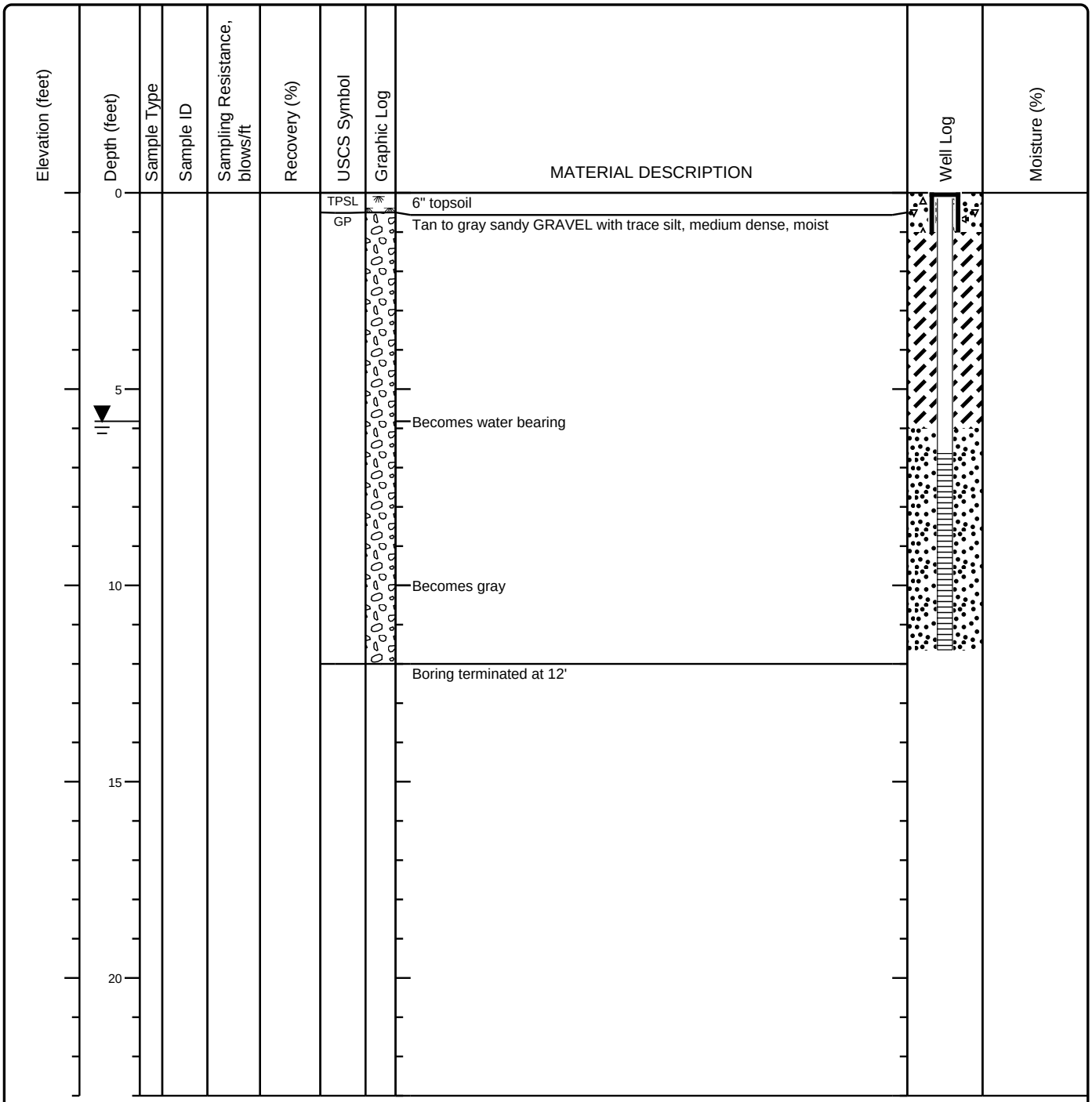
McAllister Springs		Figure 2
RGI Project Number: 2022-004-1	Geotechnical Exploration Plan	Date Drawn: 03/2022
Address: 2402 Marvin Road Southeast, Lacey, Washington 98513		

Project Name: **McAllister Springs** Project Number: **2022-004-1** Client: **D.R. Horton**	Boring No.: **MW-1** **Sheet 1 of 1**

Date(s) Drilled: **1/19/2022**	Logged By: **JH**	Surface Conditions: **Grass, Scotch Broom**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **2.25"**	Total Depth of Borehole: **12 feet bgs**
Drill Rig Type: **Track Rig**	Drilling Contractor: **Riley Group, Inc.**	Approximate Surface Elevation: **N/A**
Groundwater Level: **5.82 on 3/11/2022**	Sampling Method(s):	Hammer Data : **N/A**
Borehole Backfill: **Well Installed**	Location: **2402 Marvin Road Southeast, Lacey, Thurston County, Washington**	



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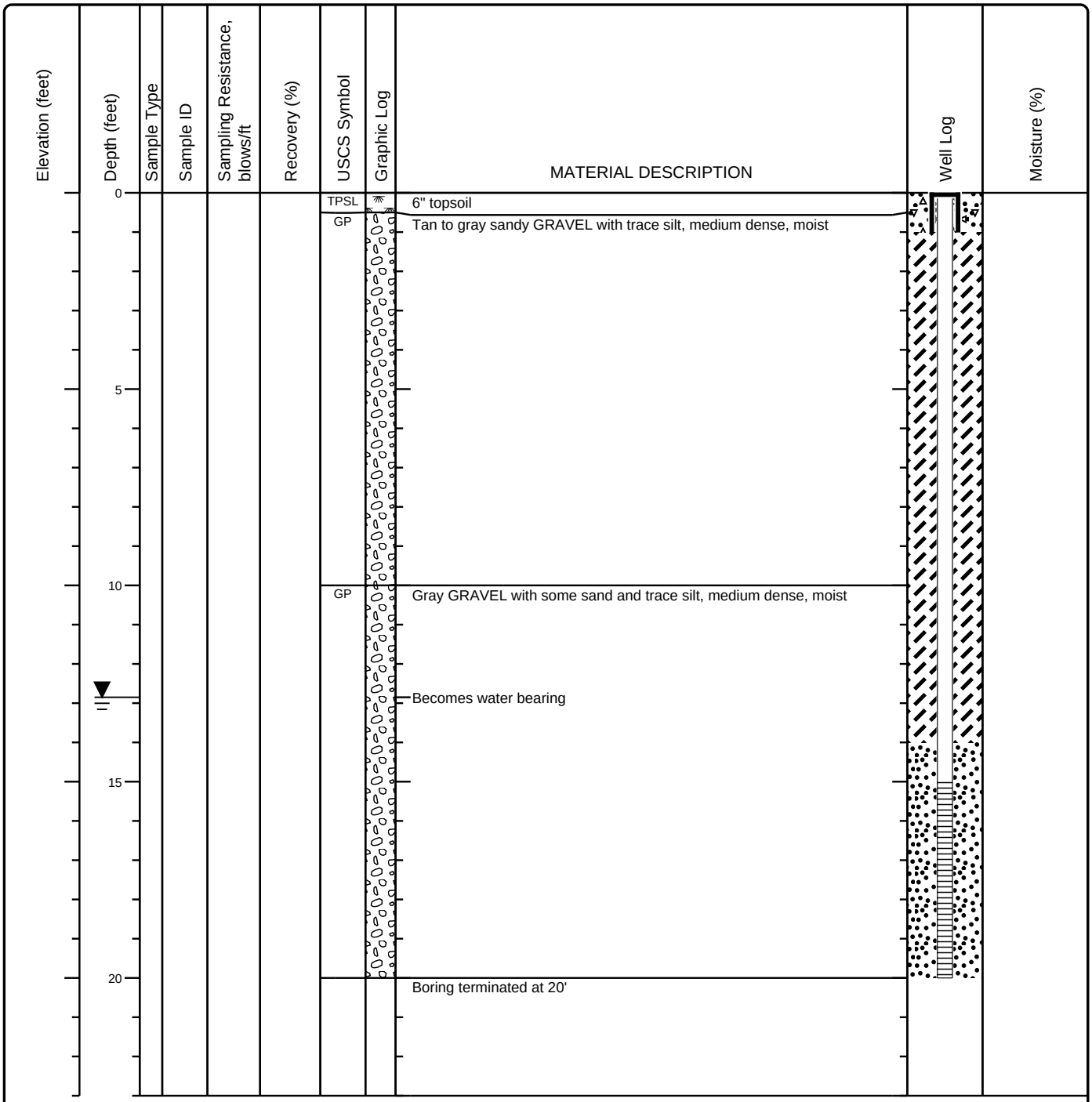
Project Name: **McAllister Springs** Project Number: **2022-004-1** Client: **D.R. Horton**	Boring No.: **MW-2** **Sheet 1 of 1**

Date(s) Drilled: **1/19/2022**	Logged By: **JH**	Surface Conditions: **Grass, Scotch Broom**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **2.25"**	Total Depth of Borehole: **20 feet bgs**
Drill Rig Type: **Track Rig**	Drilling Contractor: **Riley Group, Inc.**	Approximate Surface Elevation: **N/A**
Groundwater Level: **12.85 on 3/11/2022**	Sampling Method(s):	Hammer Data : **N/A**
Borehole Backfill: **Well Installed**	Location: **2402 Marvin Road Southeast, Lacey, Thurston County, Washington**	



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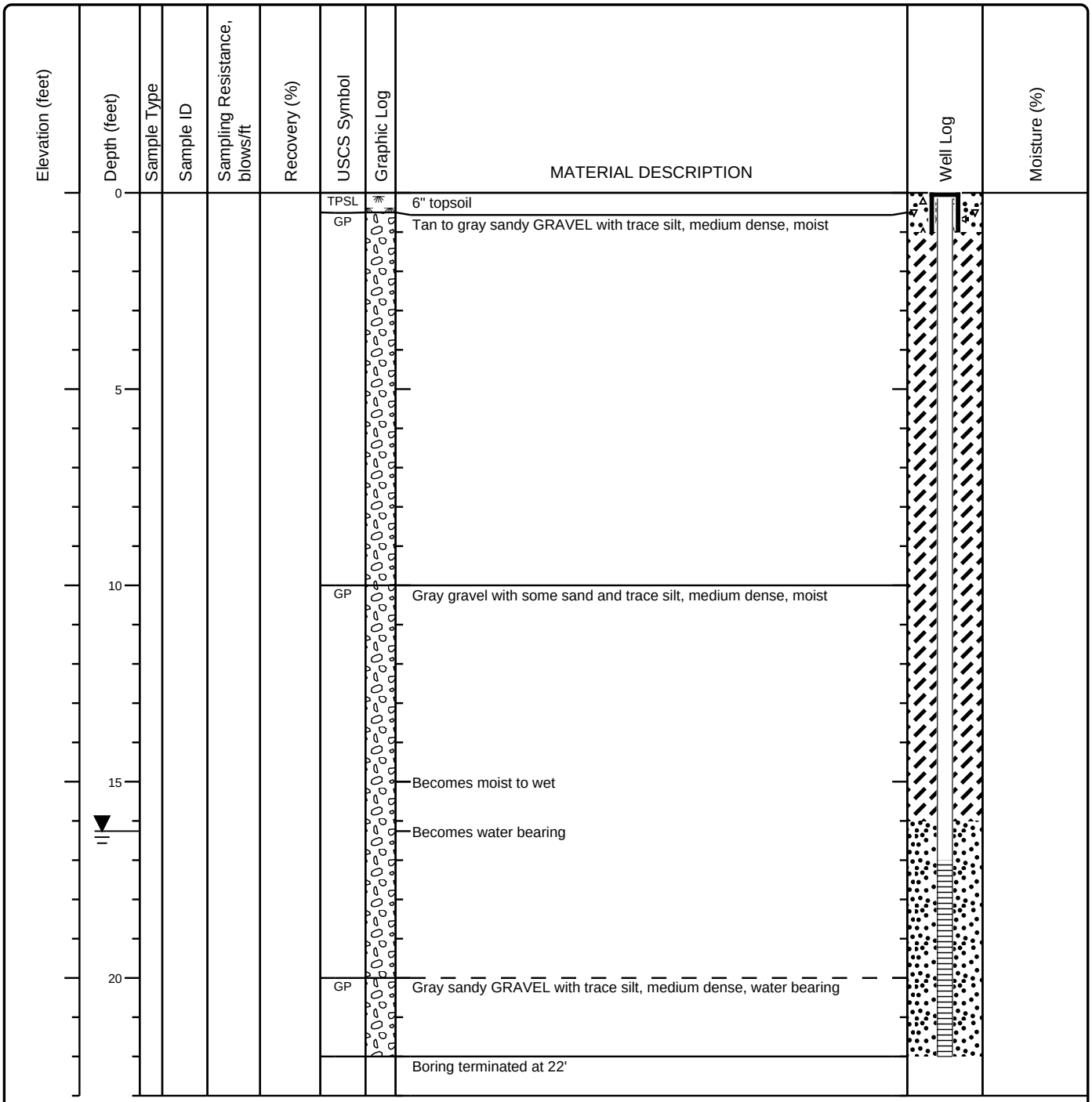
Project Name: **McAllister Springs** Project Number: **2022-004-1** Client: **D.R. Horton**	Boring No.: **MW-3** **Sheet 1 of 1**

Date(s) Drilled: **1/19/2022**	Logged By: **JH**	Surface Conditions: **Grass, Scotch Broom**
Drilling Method(s): **Direct Push**	Drill Bit Size/Type: **2.25"**	Total Depth of Borehole: **22 feet bgs**
Drill Rig Type: **Track Rig**	Drilling Contractor: **Riley Group, Inc.**	Approximate Surface Elevation: **N/A**
Groundwater Level: **16.26 on 3/11/2022**	Sampling Method(s):	Hammer Data : **N/A**
Borehole Backfill: **Well Installed**	Location: **2402 Marvin Road Southeast, Lacey, Thurston County, Washington**	



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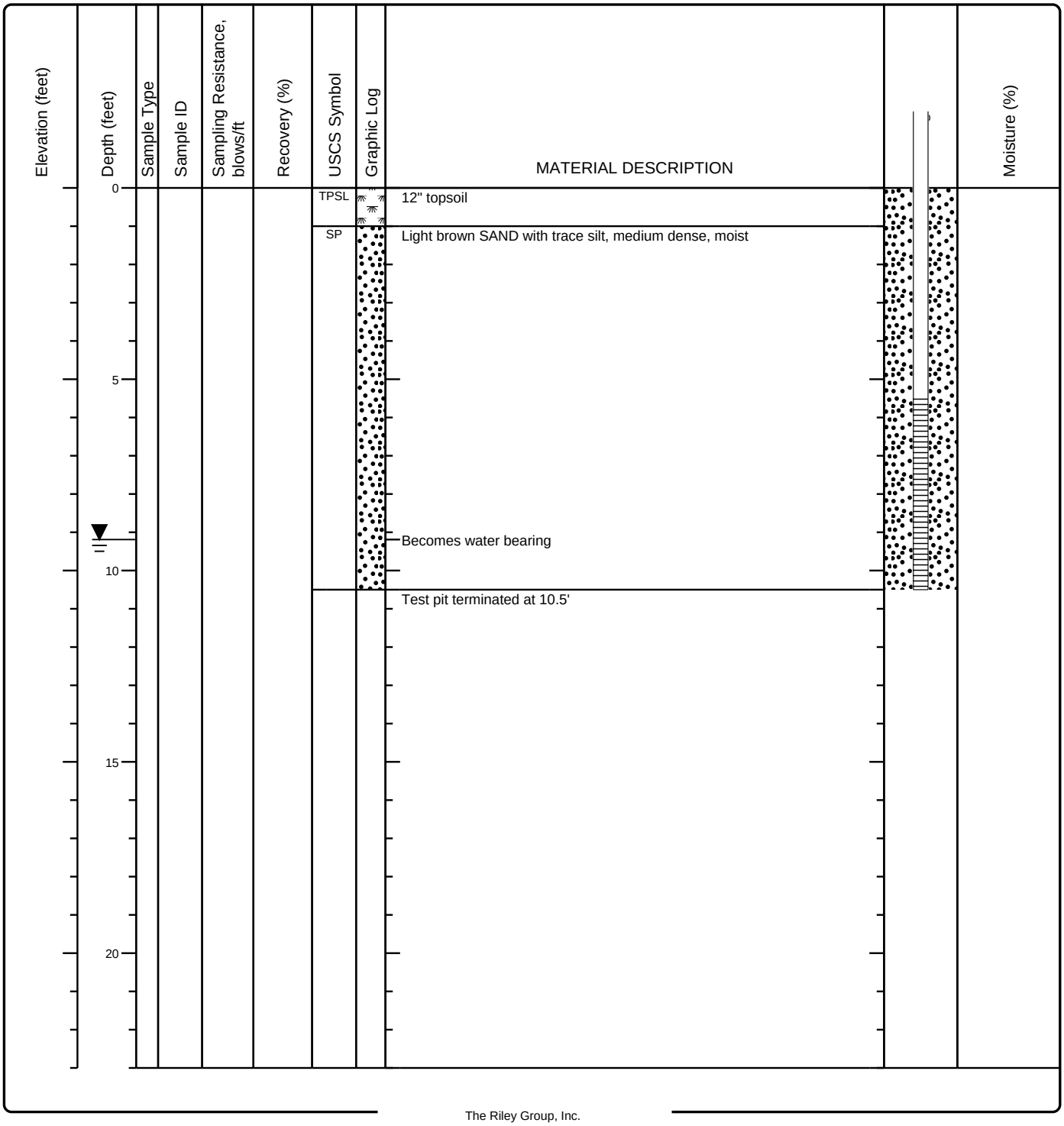
Project Name: **McAllister Springs** Project Number: **2022-004-1** Client: **D.R. Horton**	Boring No.: **WP-1** **Sheet 1 of 1**

Date(s) Drilled: **2/8/2022**	Logged By: **CN**	Surface Conditions: **Mixed Brush**
Drilling Method(s): **Test Pit**	Drill Bit Size/Type: **N/A**	Total Depth of Borehole: **10.5 feet bgs**
Drill Rig Type: **Mini Excavator**	Drilling Contractor: **Kelly's Excavating**	Approximate Surface Elevation: **N/A**
Groundwater Level: **9.19 on 3/11/2022**	Sampling Method(s):	Hammer Data : **N/A**
Borehole Backfill: **Well Installed**	Location: **2402 Marvin Road Southeast, Lacey, Thurston County, Washington**	



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Project Name: **McAllister Springs**

Project Number: **2022-004-1**

Client: **D.R. Horton**

Key to Log of Boring

Sheet 1 of 1

Elevation (feet)	Depth (feet)	Sample Type	Sample ID	Sampling Resistance, blows/ft	Recovery (%)	USCS Symbol	Graphic Log	MATERIAL DESCRIPTION	Well Log	Moisture (%)
1	2	3	4	5	6	7	8	9	10	11

COLUMN DESCRIPTIONS

1. Elevation (feet): Elevation (MSL, feet).
2. Depth (feet): Depth in feet below the ground surface.
3. Sample Type: Type of soil sample collected at the depth interval shown.
4. Sample ID: Sample identification number.
5. Sampling Resistance, blows/ft: Number of blows to advance driven sampler one foot (or distance shown) beyond seating interval using the hammer identified on the boring log.
6. Recovery (%): Core Recovery Percentage is determined based on a ratio of the length of core sample recovered compared to the cored interval length.
7. USCS Symbol: USCS symbol of the subsurface material.
8. Graphic Log: Graphic depiction of the subsurface material encountered.
9. MATERIAL DESCRIPTION: Description of material encountered. May include consistency, moisture, color, and other descriptive text.
10. Well Log: Graphical representation of well installed upon completion of drilling and sampling.
11. Moisture (%): Moisture, expressed as a water content.

FIELD AND LABORATORY TEST ABBREVIATIONS

CHEM: Chemical tests to assess corrosivity
COMP: Compaction test
CONS: One-dimensional consolidation test
LL: Liquid Limit, percent
PI: Plasticity Index, percent
SA: Sieve analysis (percent passing No. 200 Sieve)
UC: Unconfined compressive strength test, Qu, in ksf
WA: Wash sieve (percent passing No. 200 Sieve)

MATERIAL GRAPHIC SYMBOLS

Bentonite chips
Portland Cement Concrete
Poorly graded GRAVEL (GP)
Poorly graded SAND (SP)
Topsoil

TYPICAL SAMPLER GRAPHIC SYMBOLS

Auger sampler
Bulk Sample
3-inch-OD California w/ brass rings
CME Sampler
Grab Sample
2.5-inch-OD Modified California w/ brass liners
Pitcher Sample
2-inch-OD unlined split spoon (SPT)
Shelby Tube (Thin-walled, fixed head)

OTHER GRAPHIC SYMBOLS

Water level (at time of drilling, ATD)
Water level (after waiting)
Minor change in material properties within a stratum
Inferred/gradational contact between strata
Queried contact between strata

GENERAL NOTES

1: Soil classifications are based on the Unified Soil Classification System. Descriptions and stratum lines are interpretive, and actual lithologic changes may be gradual. Field descriptions may have been modified to reflect results of lab tests.
2: Descriptions on these logs apply only at the specific boring locations and at the time the borings were advanced. They are not warranted to be representative of subsurface conditions at other locations or times.