

November 11, 2021



HOK
10 South Broadway, Suite 200
St. Louis, Missouri 63102

Attn: Ms. Barb Anderson-Kerlin

Re: Geotechnical Engineering Report
SIUE Health Sciences Building
University Park Drive
Edwardsville, Missouri
Terracon Project No. 15215038.01 – Addendum 1

Dear Mr. Merrill,

This letter serves as an addendum to our *Geotechnical Engineering Report, SIUE Health Sciences Building*, dated September 15, 2021. This addendum presents the shear wave velocity test results obtained using refraction microtremor (ReMi) testing and the updated seismic site class recommendation.

SEISMIC CONSIDERATIONS

Code	Site Class
2018 International Building Code (IBC)	D ¹
1. The 2018 International Building Code (IBC) seismic site class definitions are based on average properties of the subsurface profile to a depth of 100 feet.	

All other recommendations and limitations in the geotechnical report remain applicable unless specifically addressed otherwise in this addendum. Please contact us if you have any questions regarding this addendum.

Sincerely,
Terracon Consultants, Inc.

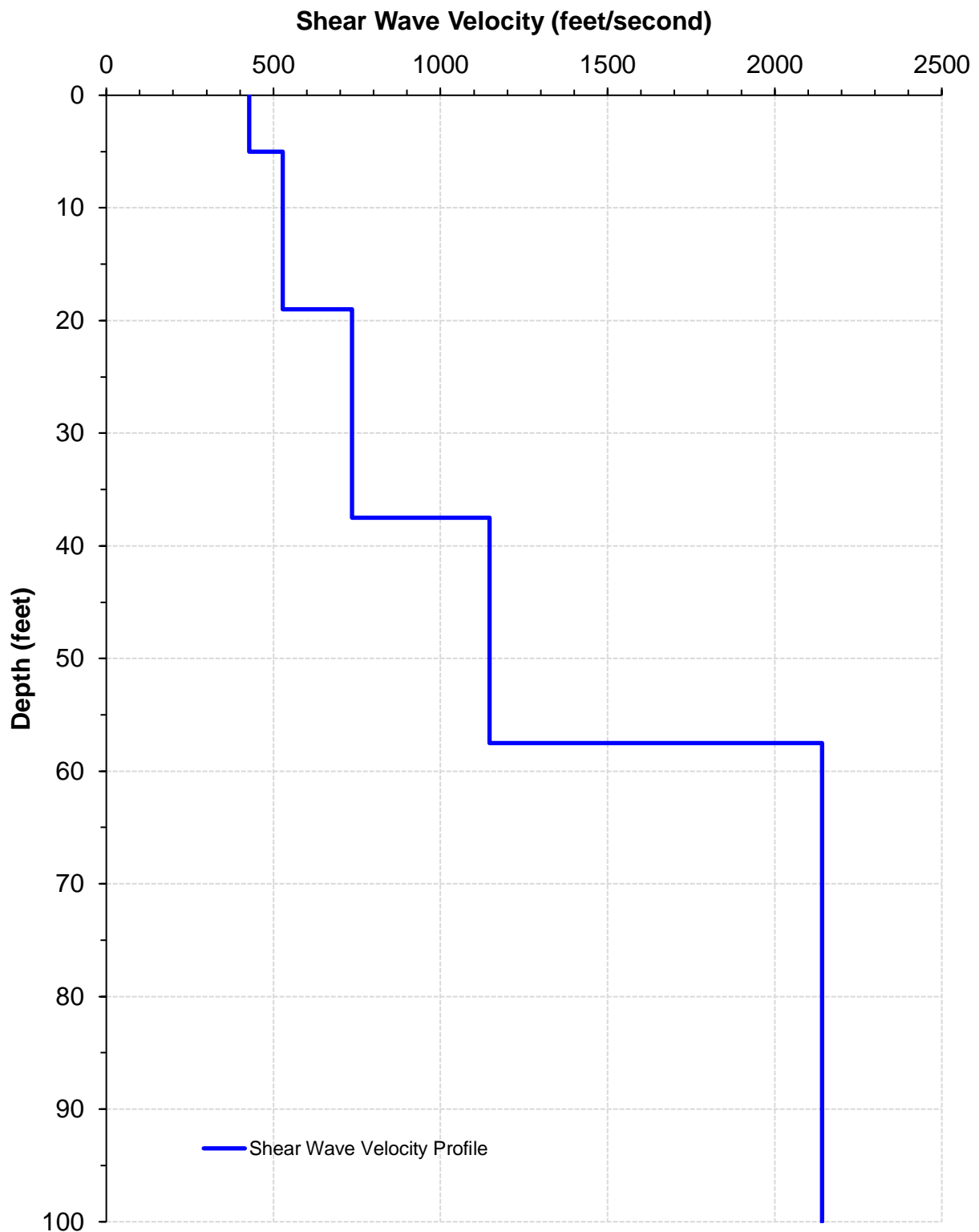
Kaylee N. Cannon
Geotechnical Engineer

Kole C. Berg, P.E.
Senior Consultant
Illinois No. 062-060554
Renews 2/28/2022



Attachments: Shear Wave Velocity Profiles
Geophysics Exploration Plan

Shear Wave Velocity Model - North/South Line



Average Shear Wave Velocity (rounded) = 950 ft/s

Project Manager:
PBL

Drawn by:
PBL

Checked by:
KNC

Approved by:
KCB

Project No.
152150380

Scale:
NA

File Name:
Attachments

Date:
11/05/2021

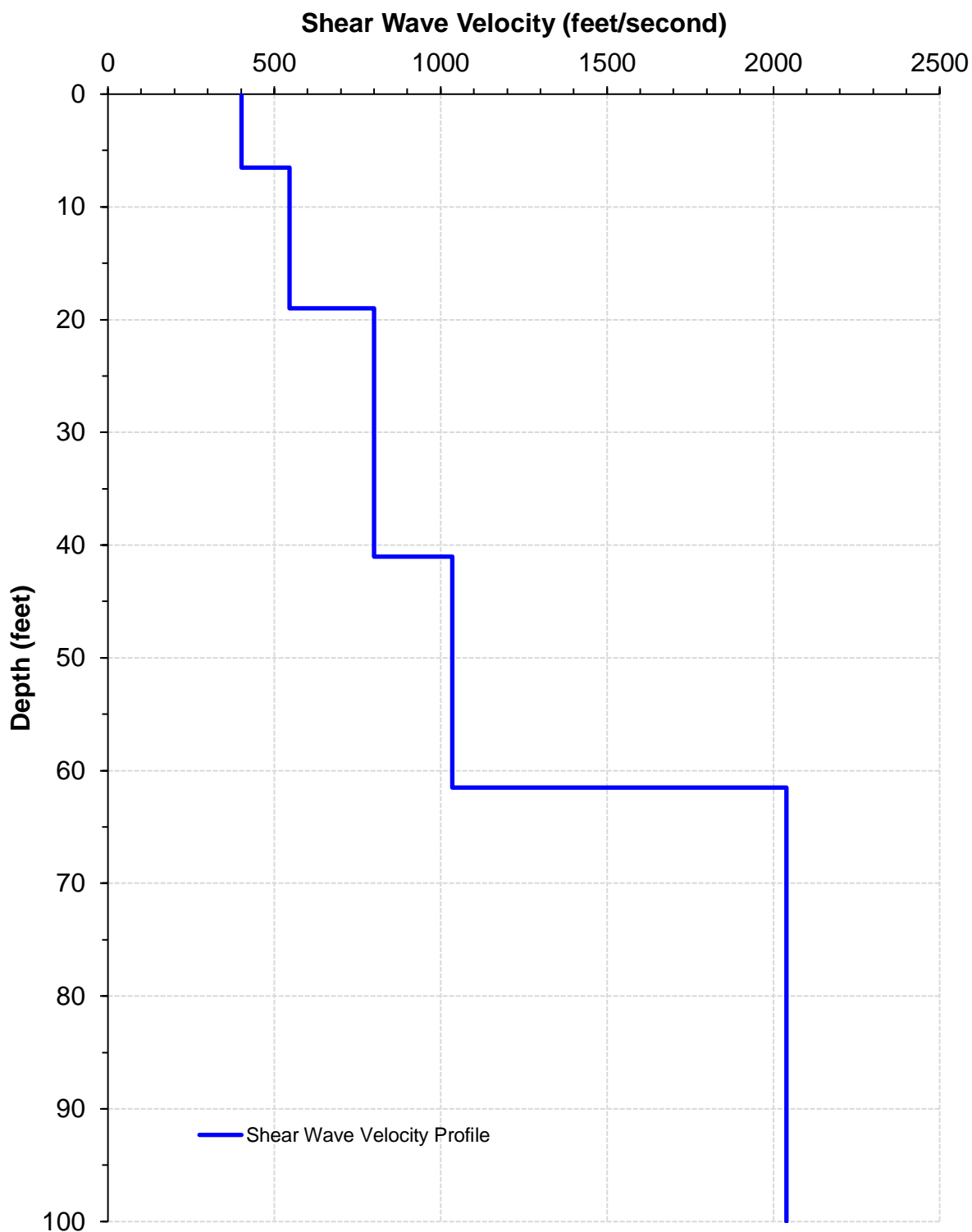
Terracon
GeoReport

11600 Lilburn Park Rd
Saint Louis, MO 63146-3535

SHEAR WAVE VELOCITY PROFILE

SIUE Health Sciences Building
University Park Drive
Edwardsville, Illinois

Shear Wave Velocity Model - East/West Line



Average Shear Wave Velocity (rounded) = 1,000 ft/s

Project Manager:
PBL
Drawn by:
PBL
Checked by:
KNC
Approved by:
KCB

Project No.
152150380
Scale:
NA
File Name:
Attachments
Date:
11/05/2021

Terracon
GeoReport
11600 Lilburn Park Rd
Saint Louis, MO 63146-3535

SHEAR WAVE VELOCITY PROFILE

SIUE Health Sciences Building
University Park Drive
Edwardsville, Illinois

GEOPHYSICS EXPLORATION PLAN

SIUE Health Sciences Building ■ Edwardsville, IL
November 5, 2021 ■ Terracon Project No. 15215038



DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS
NOT INTENDED FOR CONSTRUCTION PURPOSES