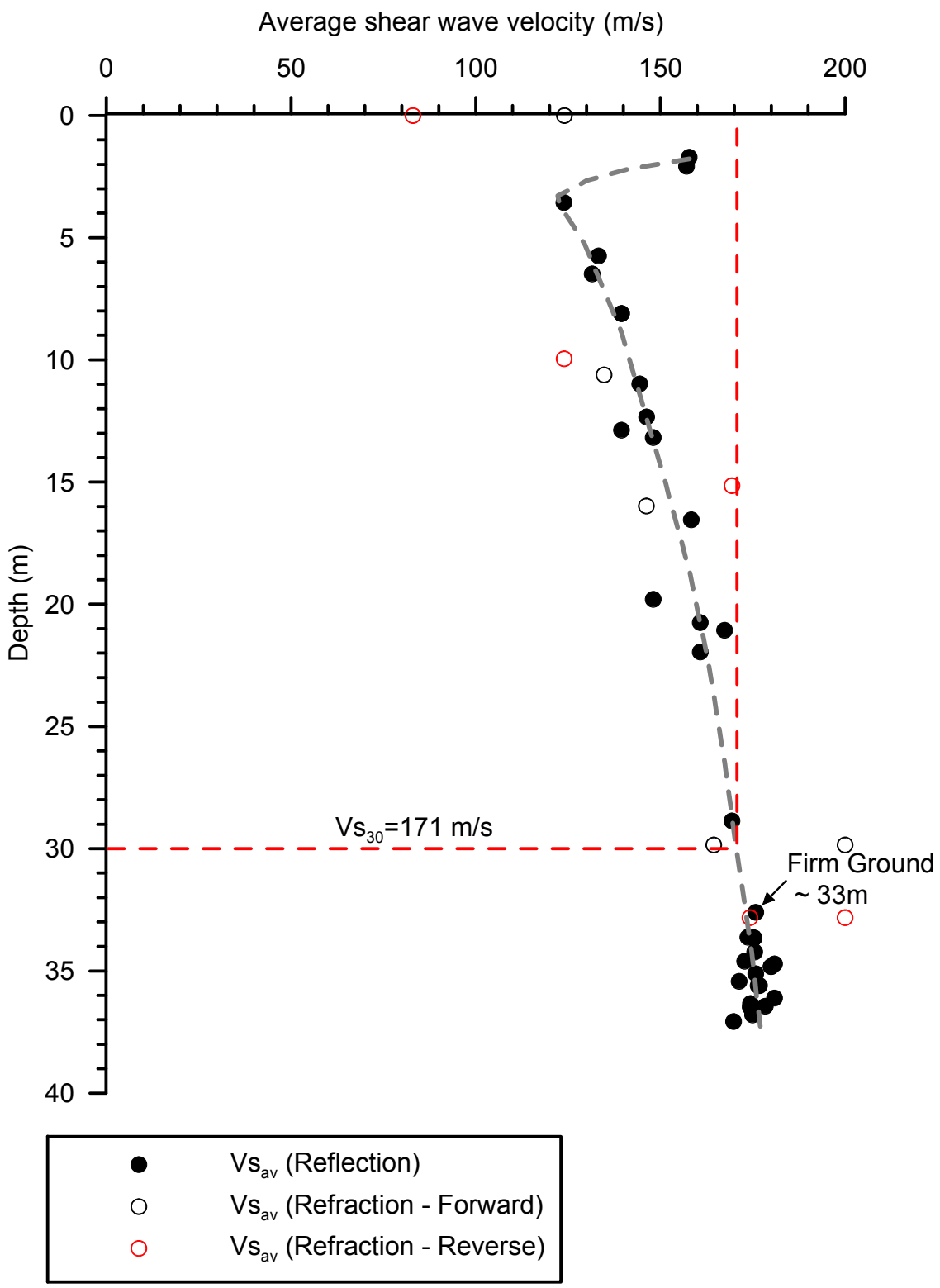
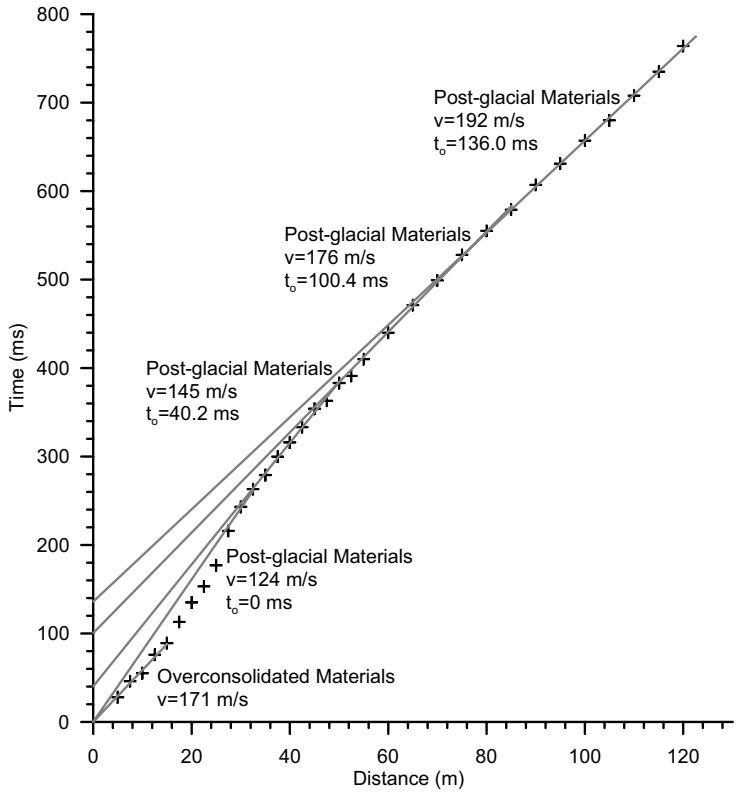
Appendix A

Shear Wave Reflection/Refraction Analyses

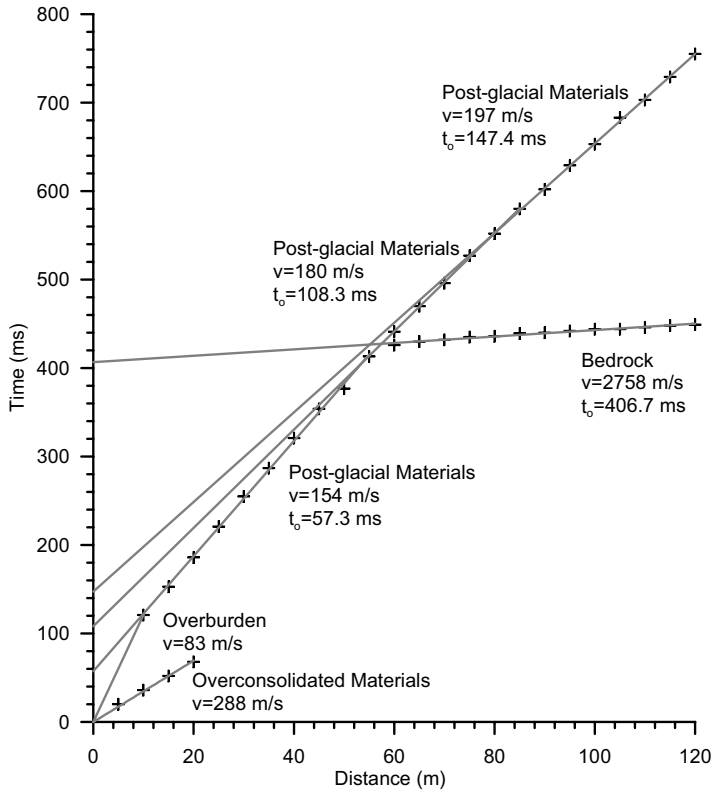
Site 018
Average Shear Wave Velocity vs. Depth



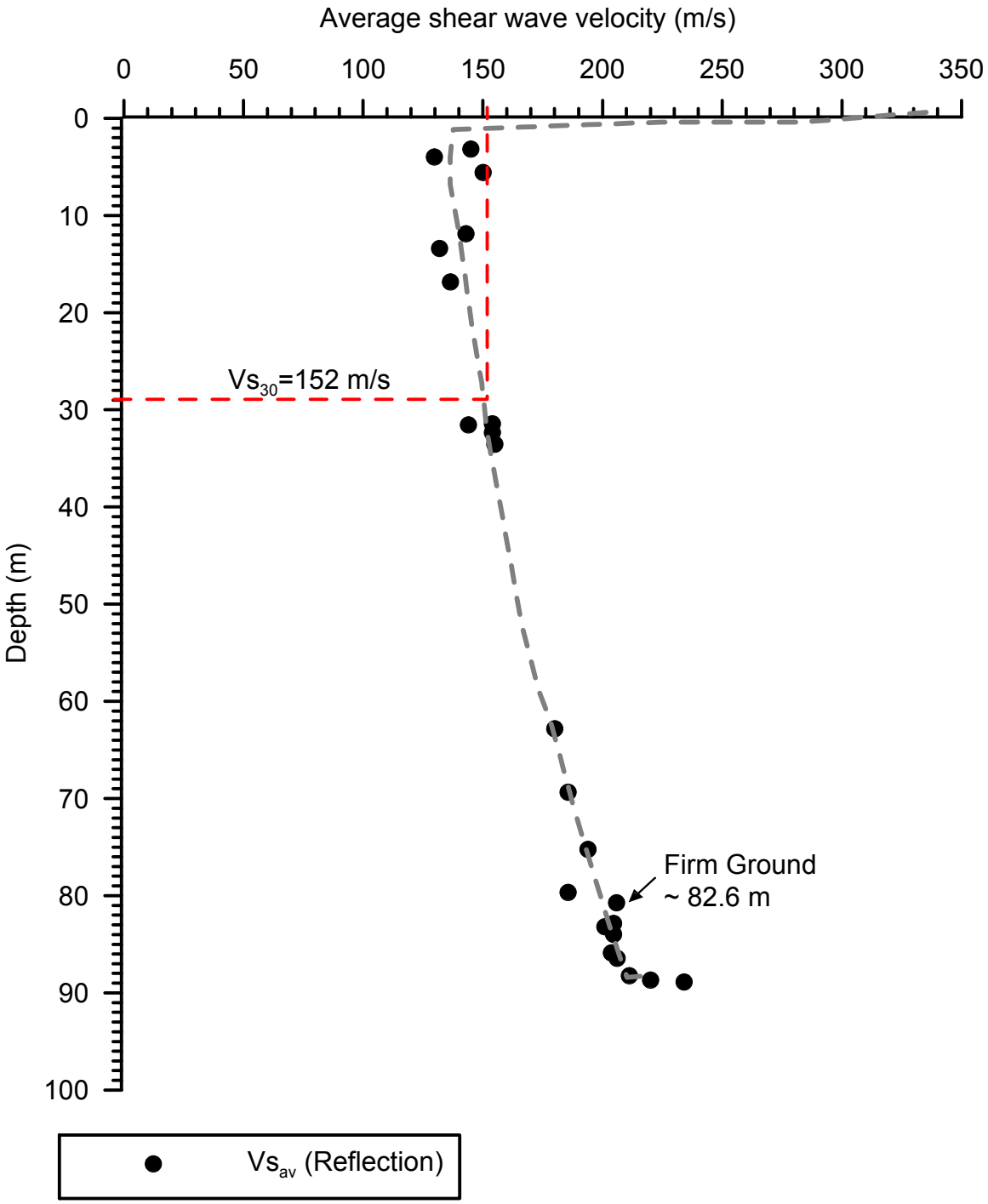
Site 018 - Forward Shots 18004 and 18005
Refraction Interpretation



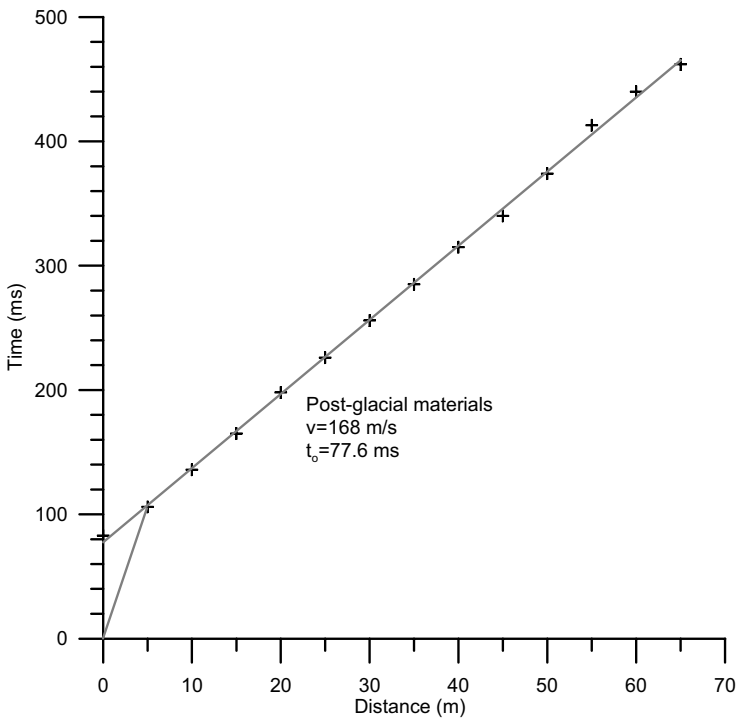
Site 018 - Reverse Shots 18001 and 18002
Refraction Interpretation



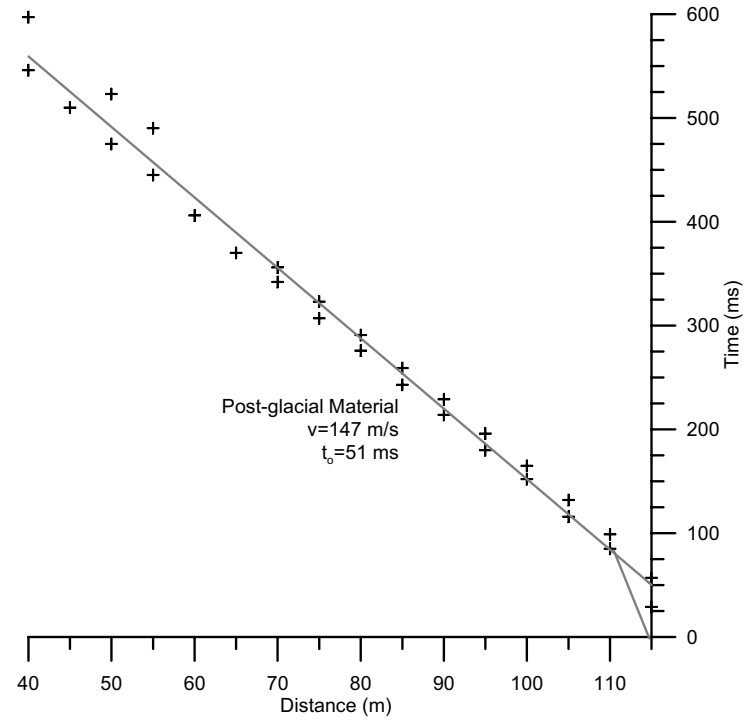
Site 020
Average Shear Wave Velocity vs. Depth



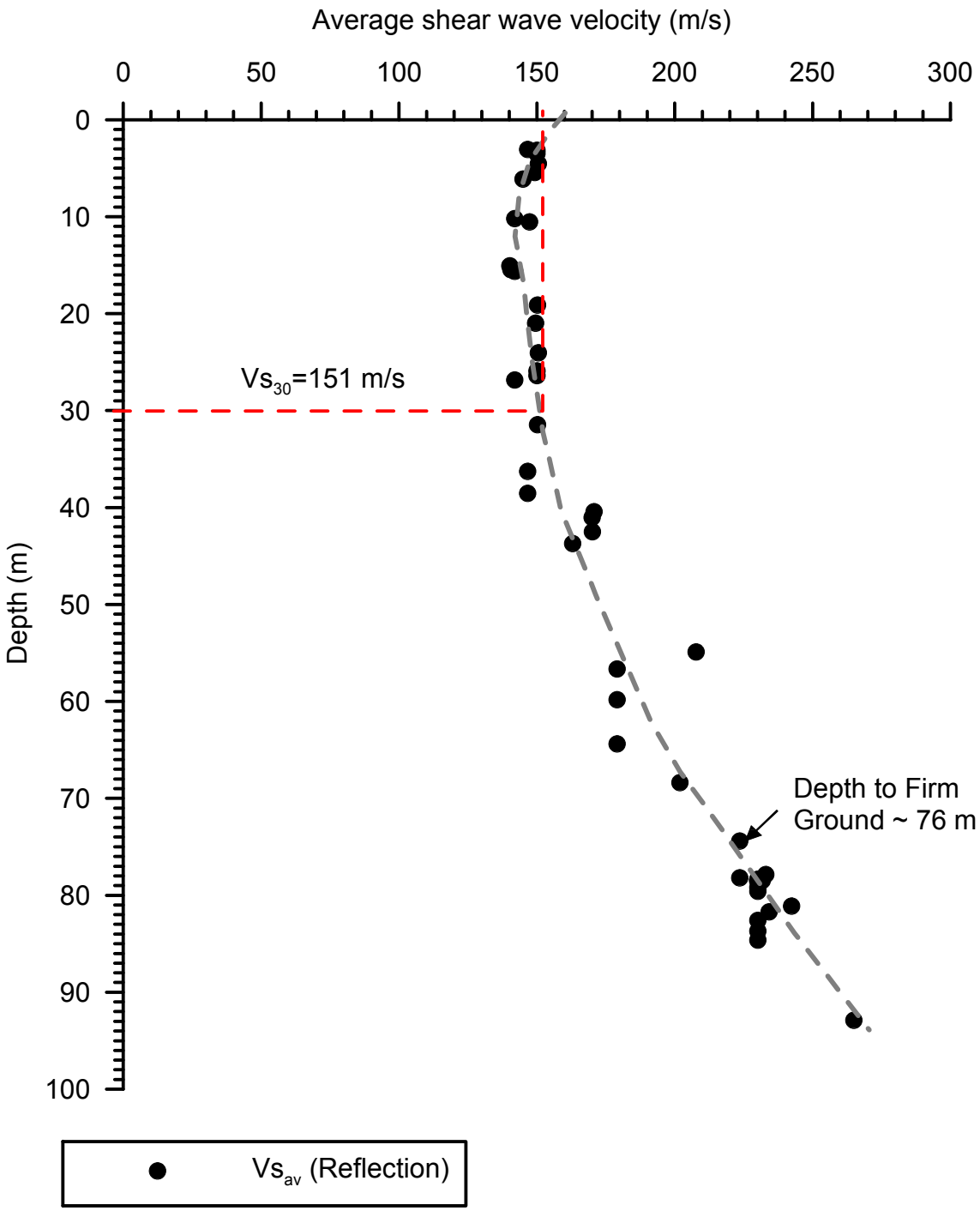
Site 020 - Forward Shot 20005
Refraction Interpretation



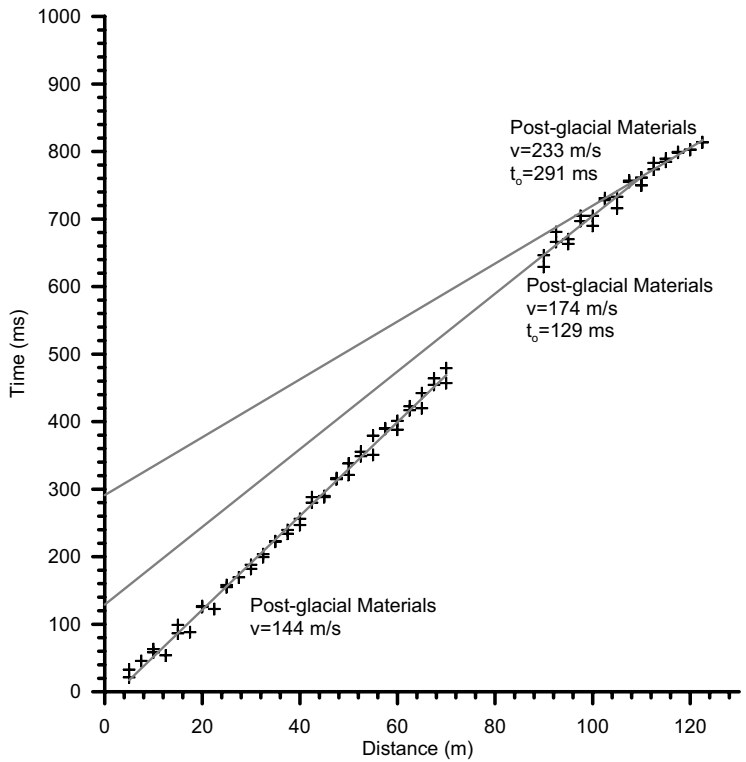
Site 020 - Reverse Shots 20001 and 20002
Refraction Interpretation



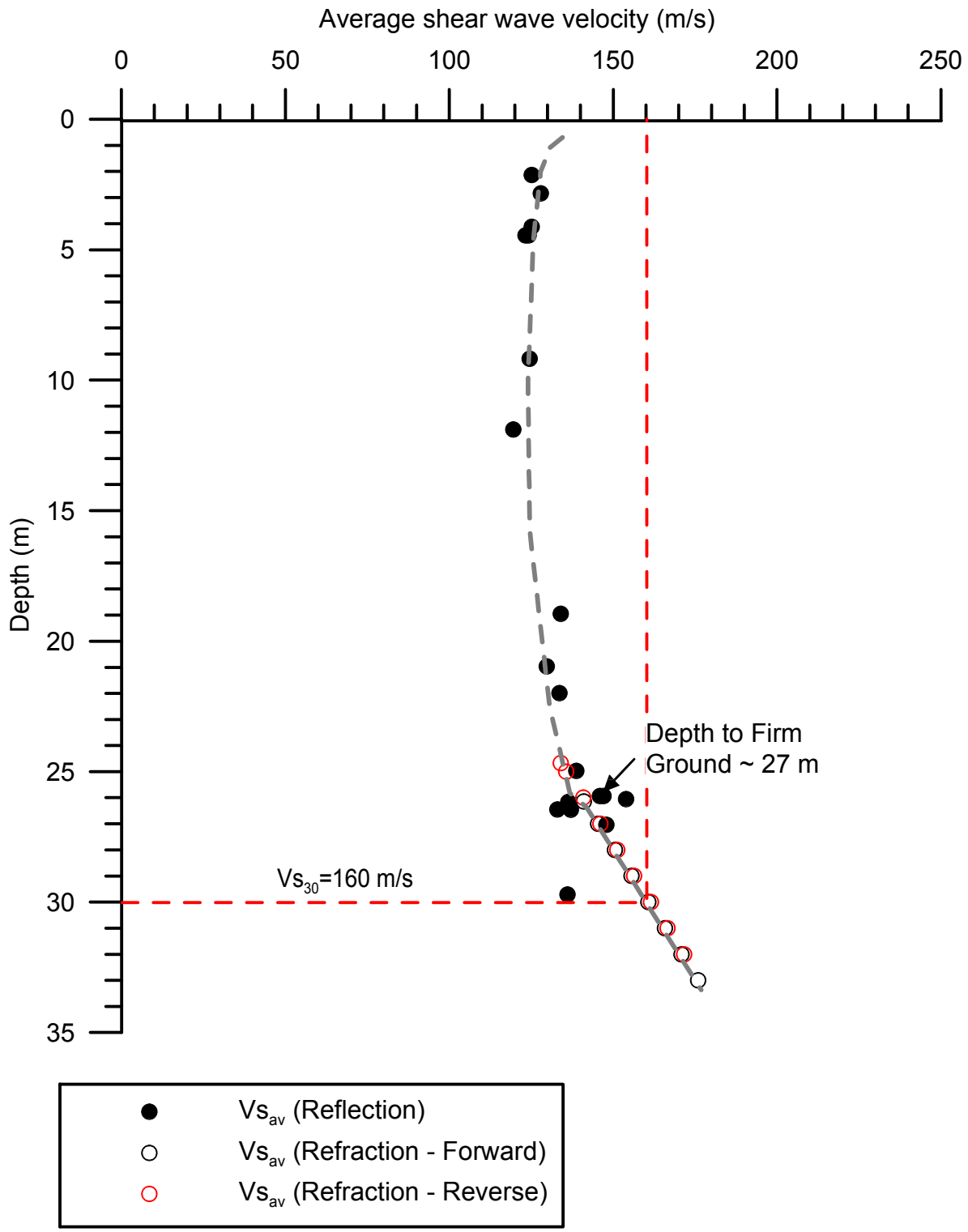
Site 021
Average Shear Wave Velocity vs. Depth



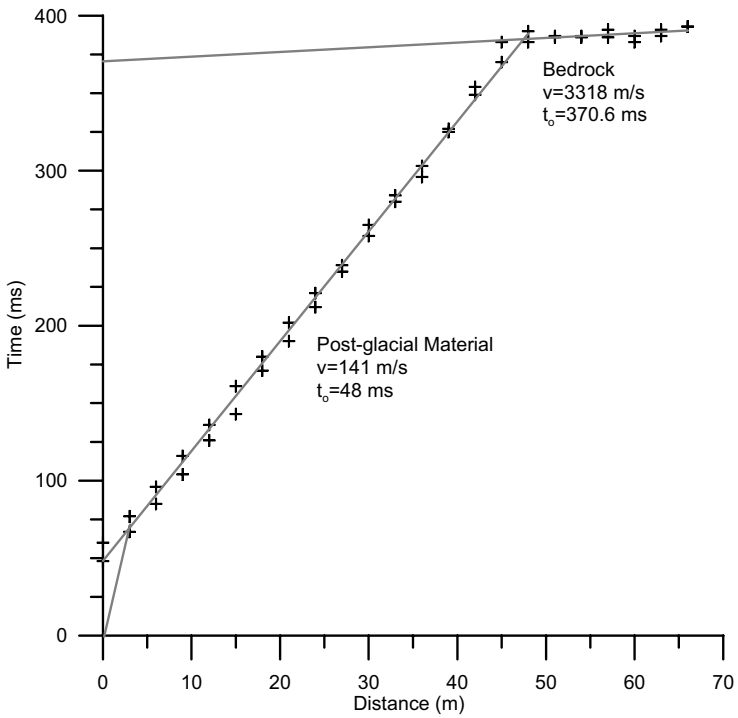
Site 021
Refraction Interpretation



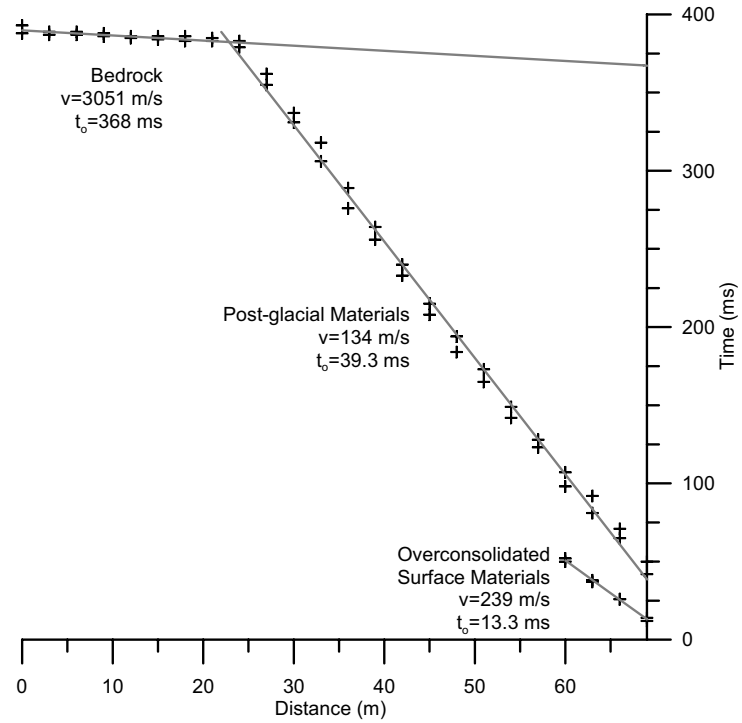
Site 022
Average Shear Wave Velocity vs. Depth



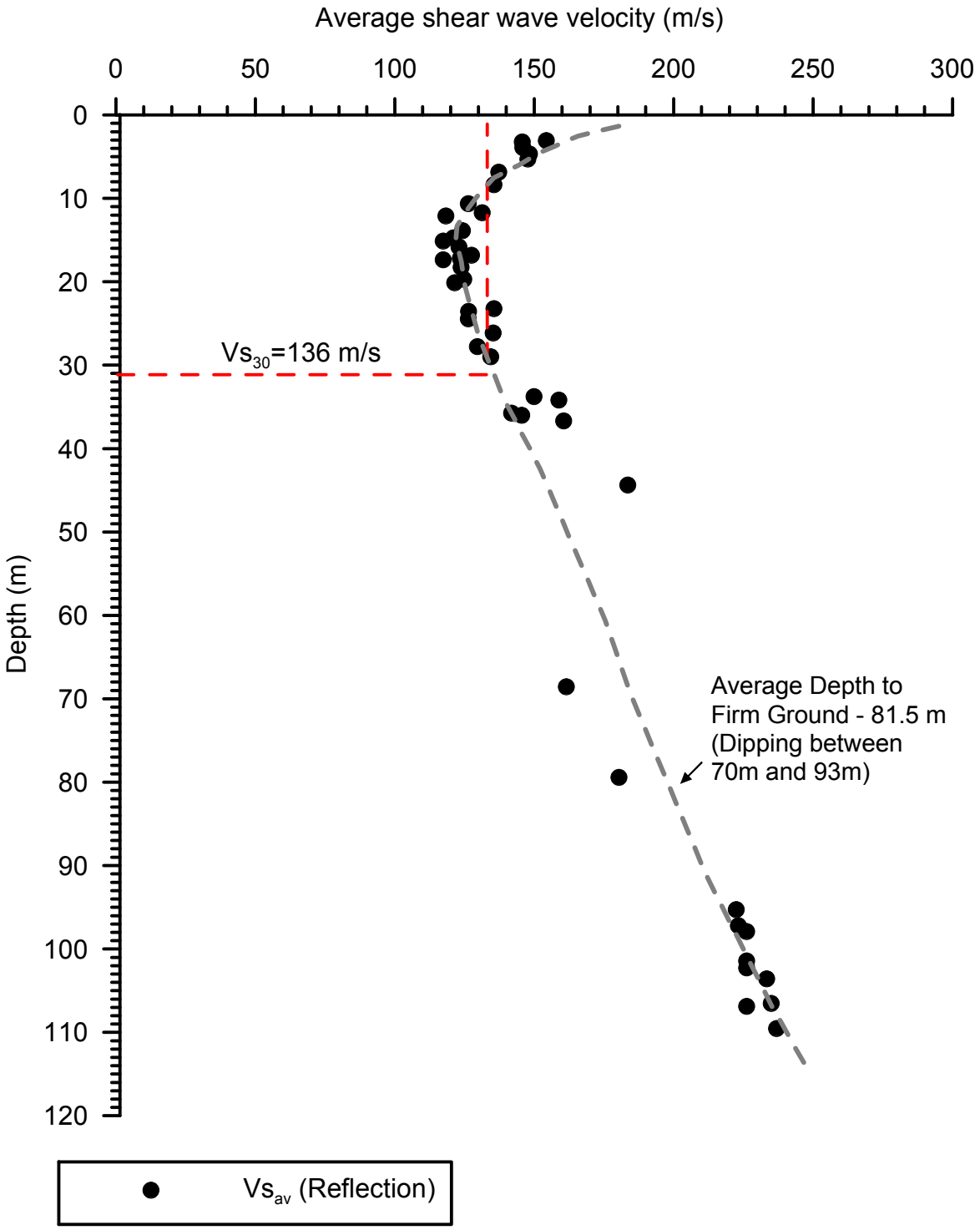
Site 022 - Forward Shots 22004 and 22005
Refraction Interpretation



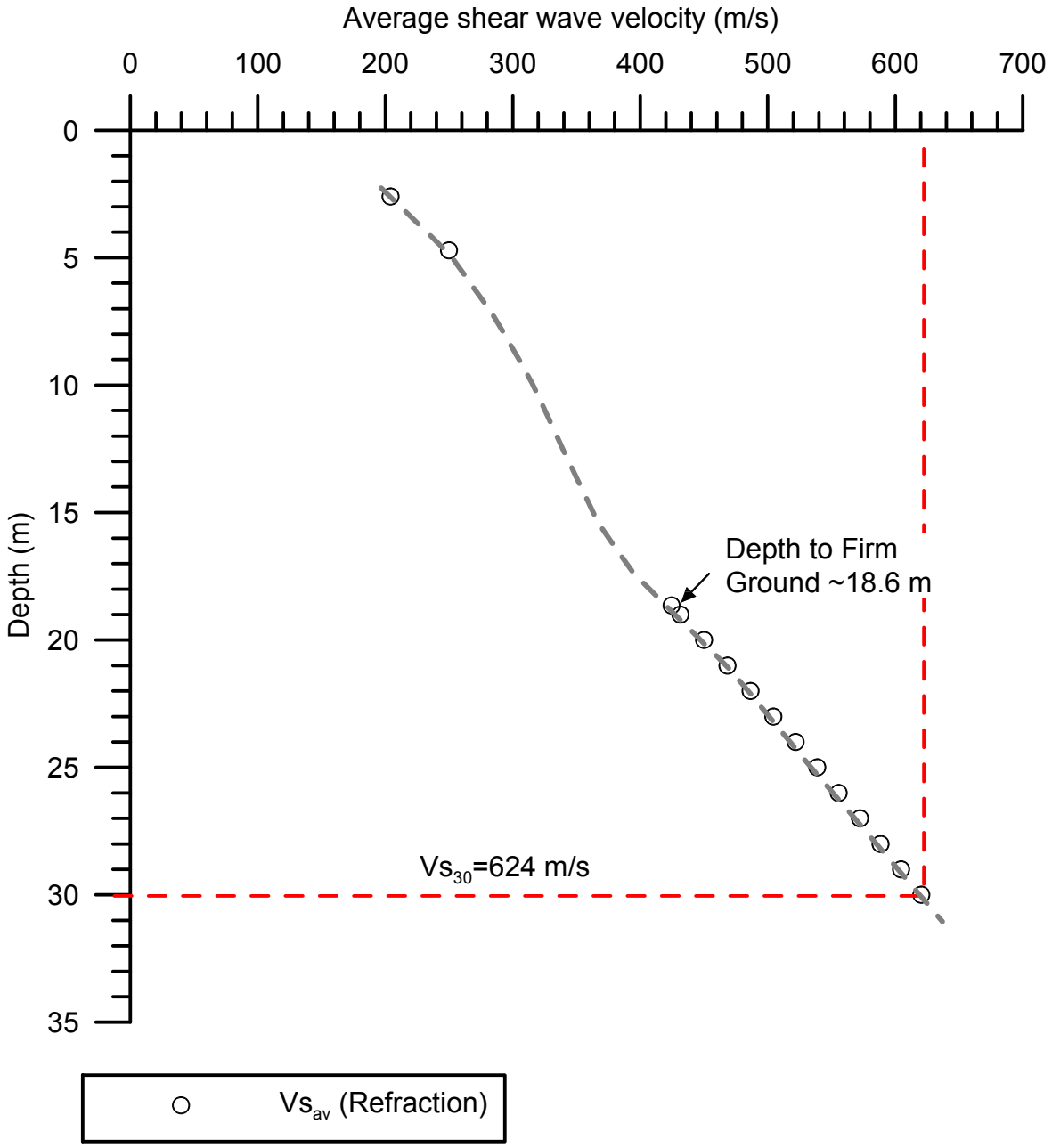
Site 022 - Reverse Shots 22001 and 22002
Refraction Interpretation



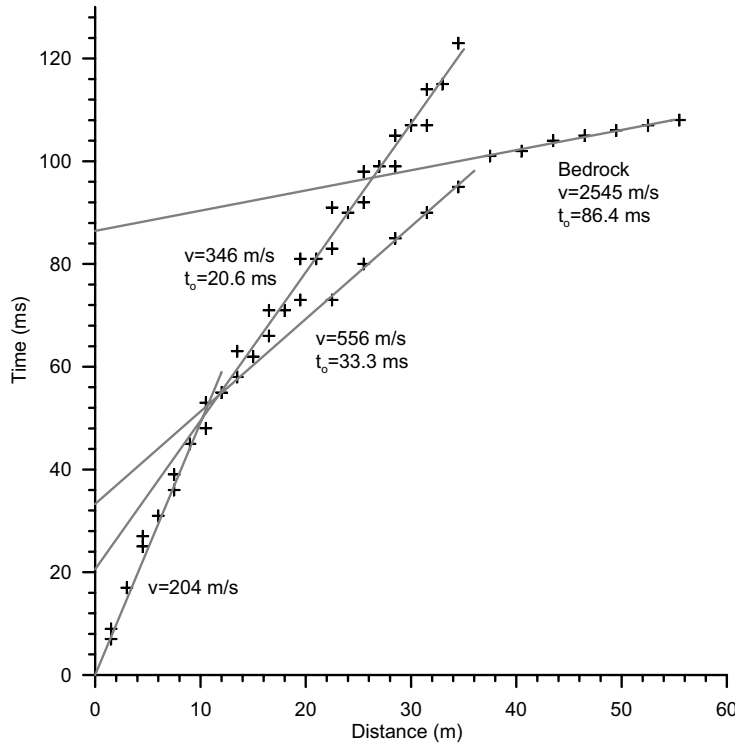
Site 023
Average Shear Wave Velocity vs. Depth



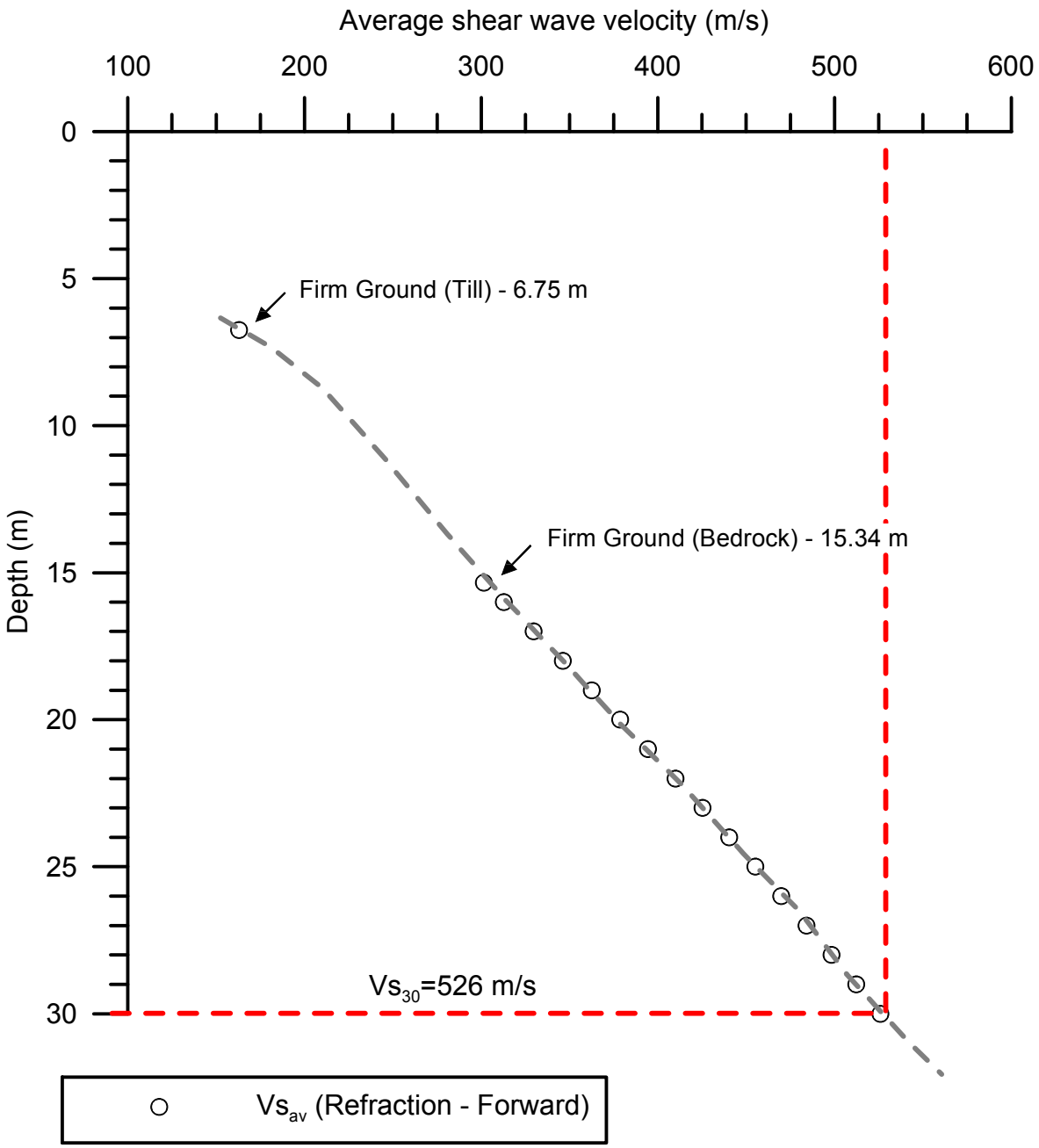
Site 024
Average Shear Wave Velocity vs. Depth



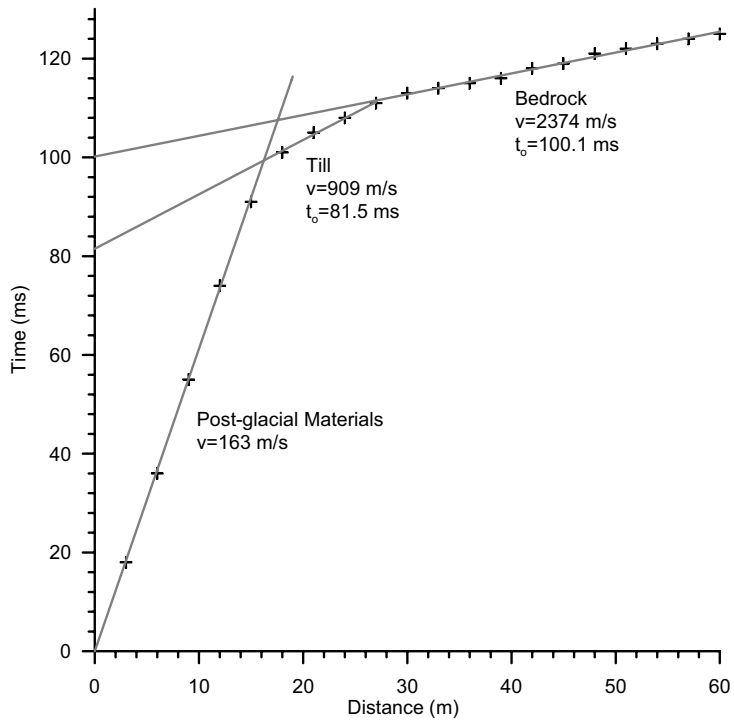
Site 024
Refraction Interpretation



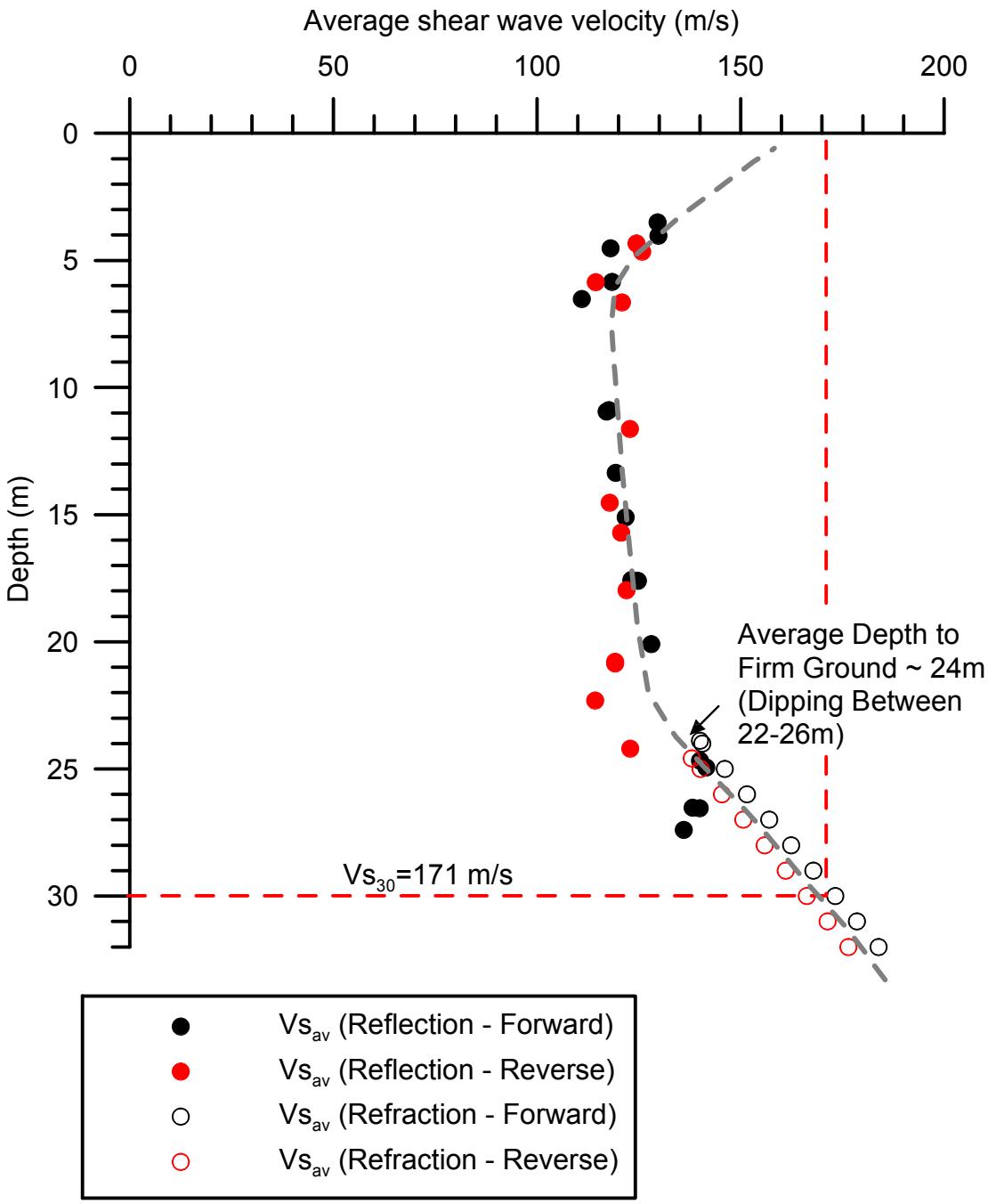
Site 025
Average Shear Wave Velocity vs. Depth



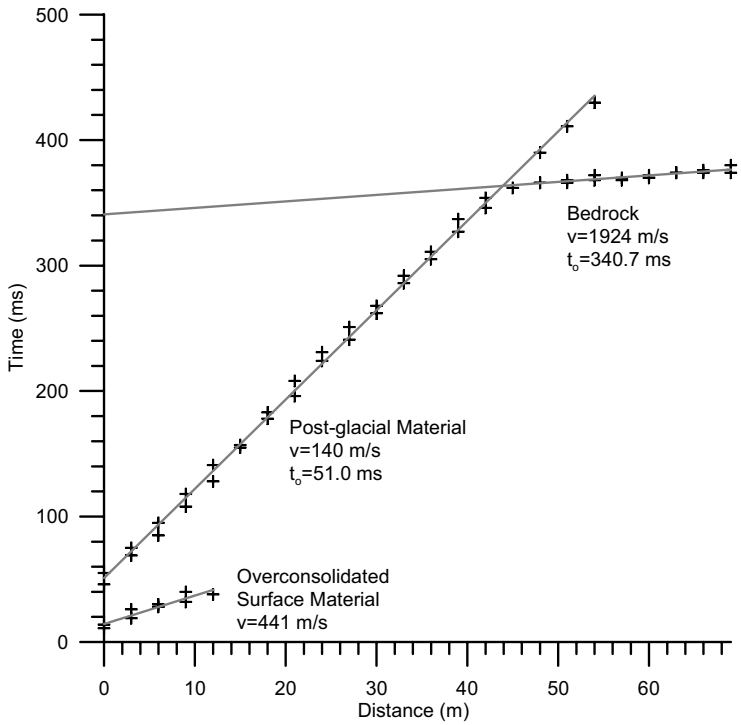
Site 025
Refraction Interpretation



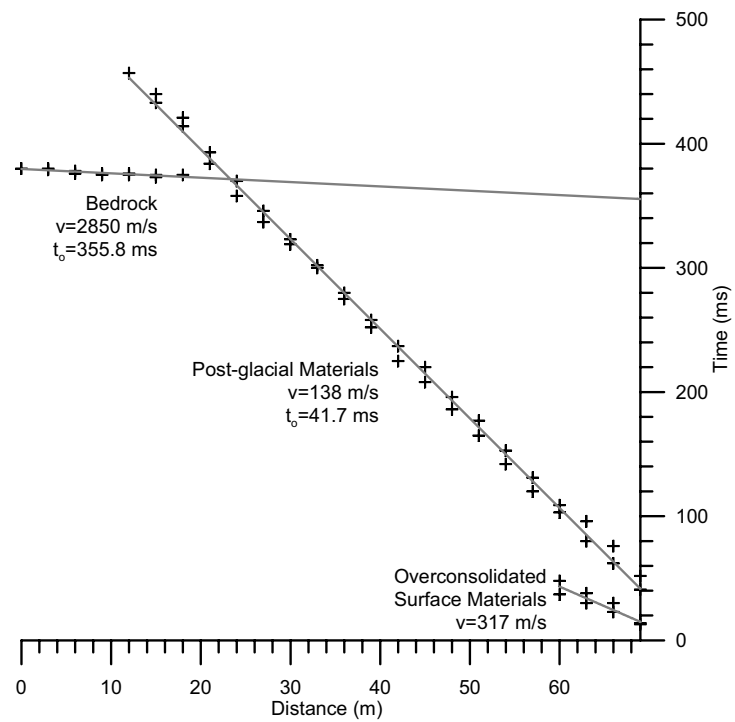
Site 026
Average Shear Wave Velocity vs. Depth



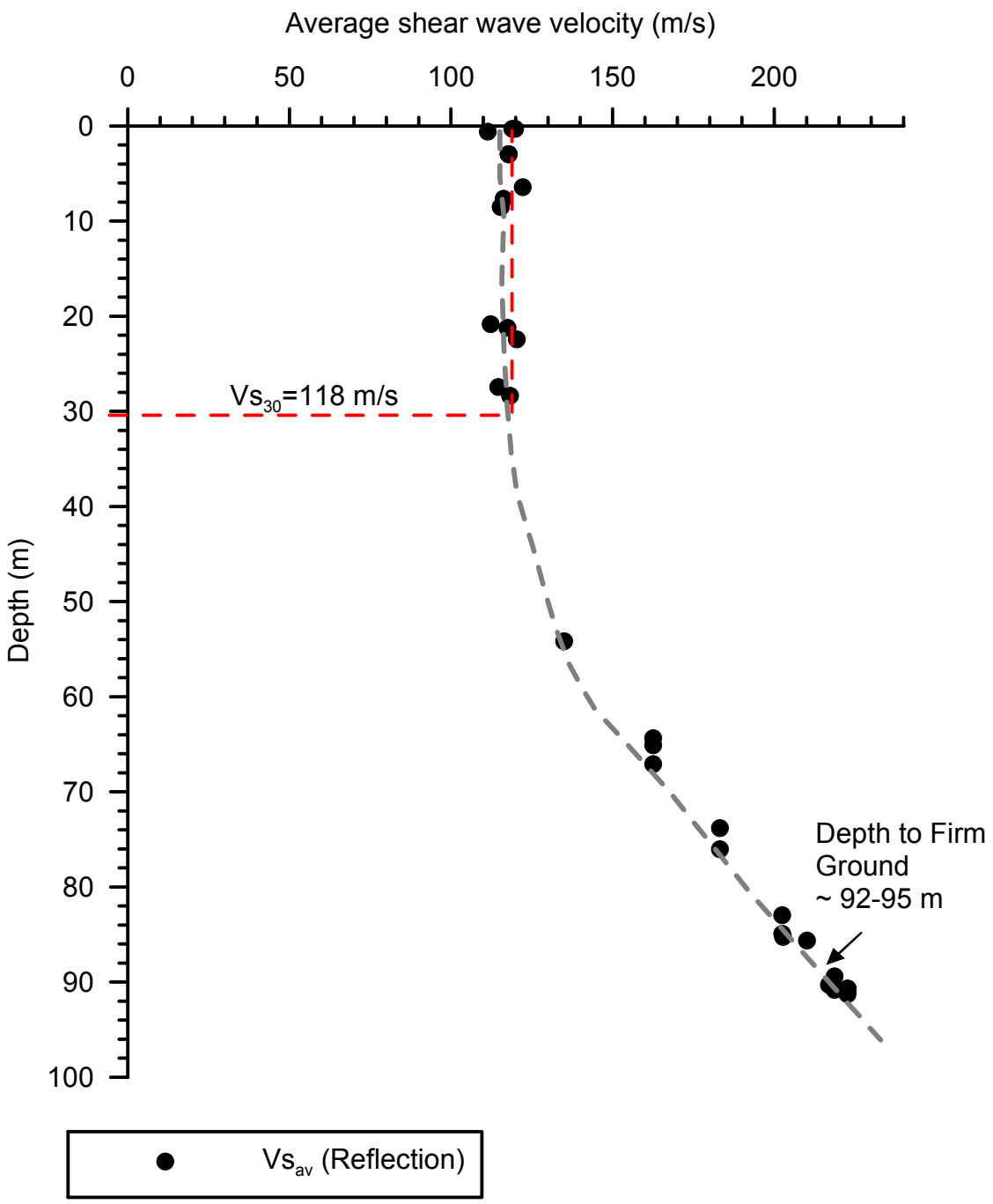
Site 026 - Forward Shots 26005 and 26006
Refraction Interpretation



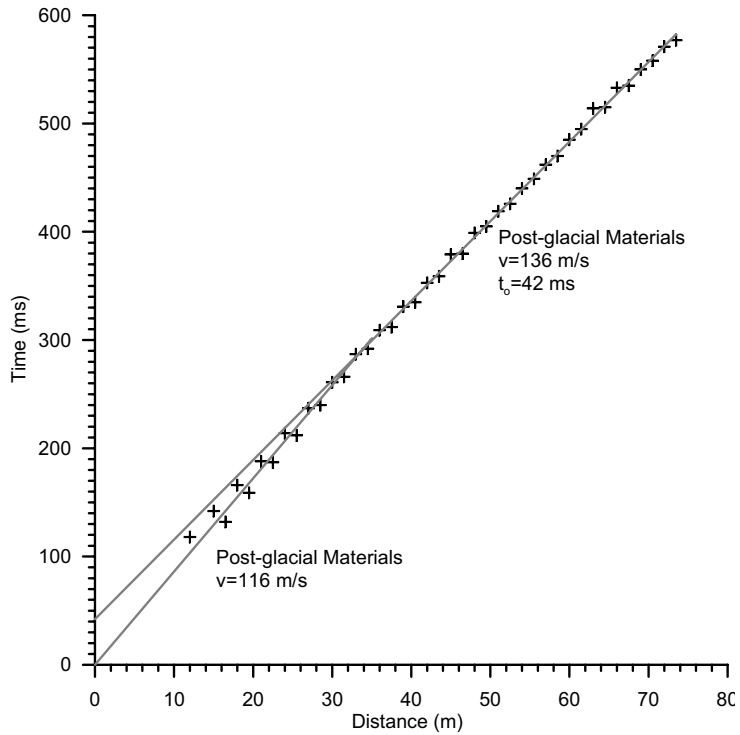
Site 026 - Reverse Shots 26002 and 26003
Refraction Interpretation



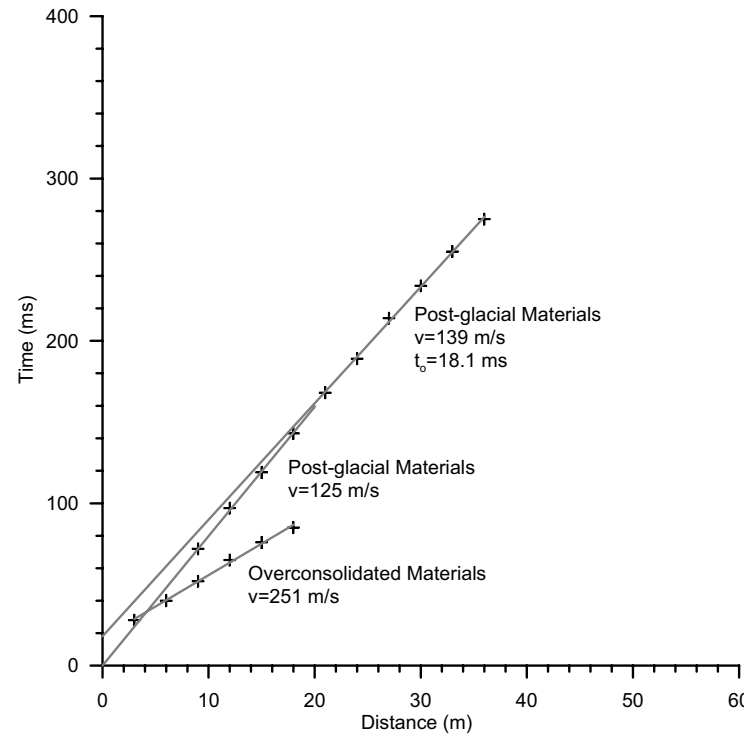
Site 027
Average Shear Wave Velocity vs. Depth



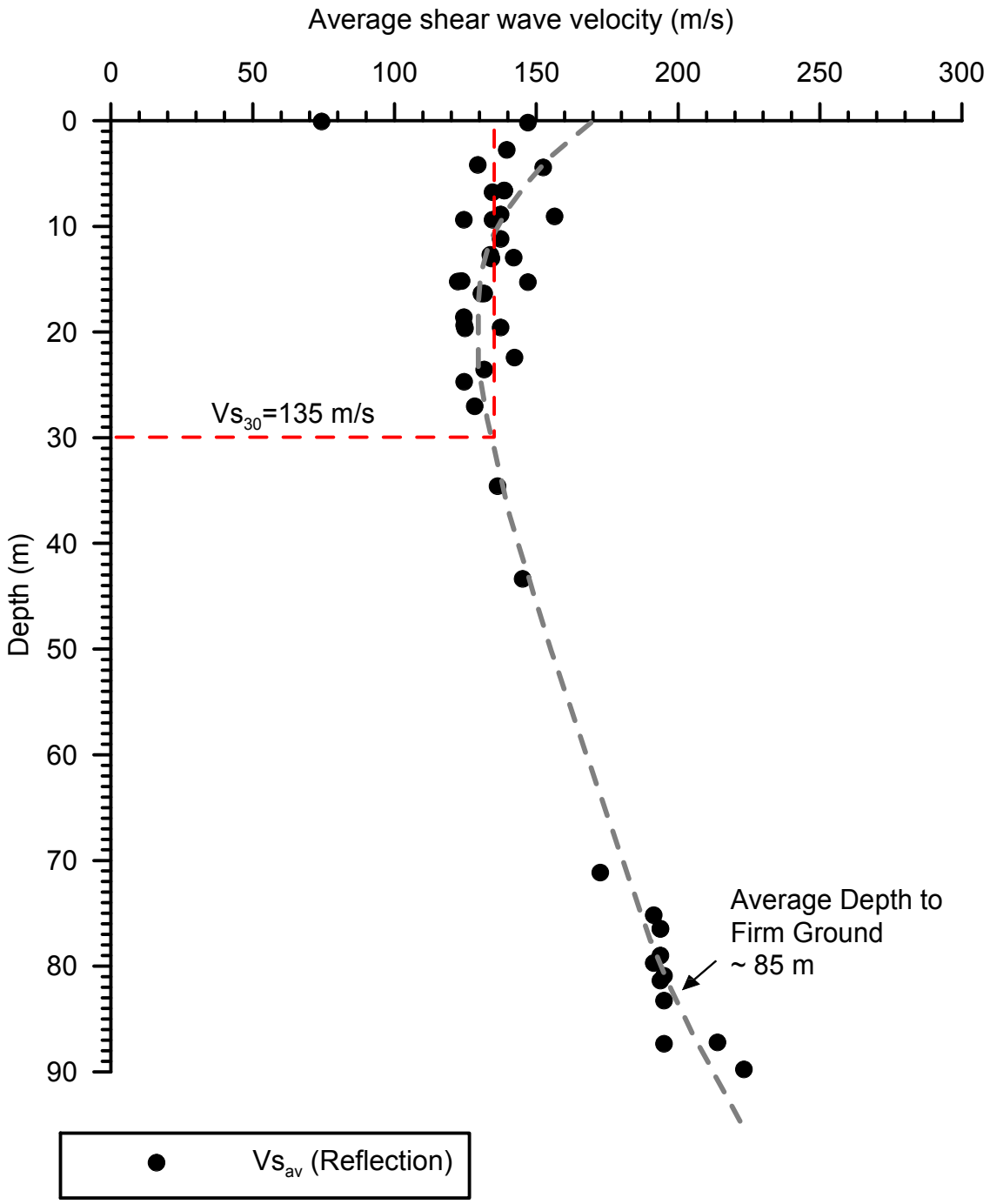
Site 027 - Forward Shots 27004 and 27005
Refraction Interpretation



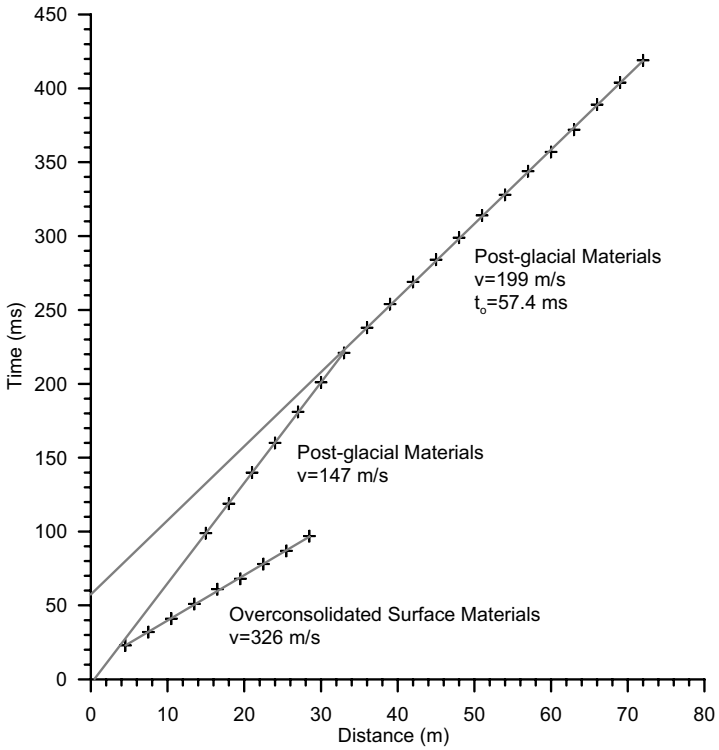
Site 027 - Reverse Shots 27001 and 27002
Refraction Interpretation



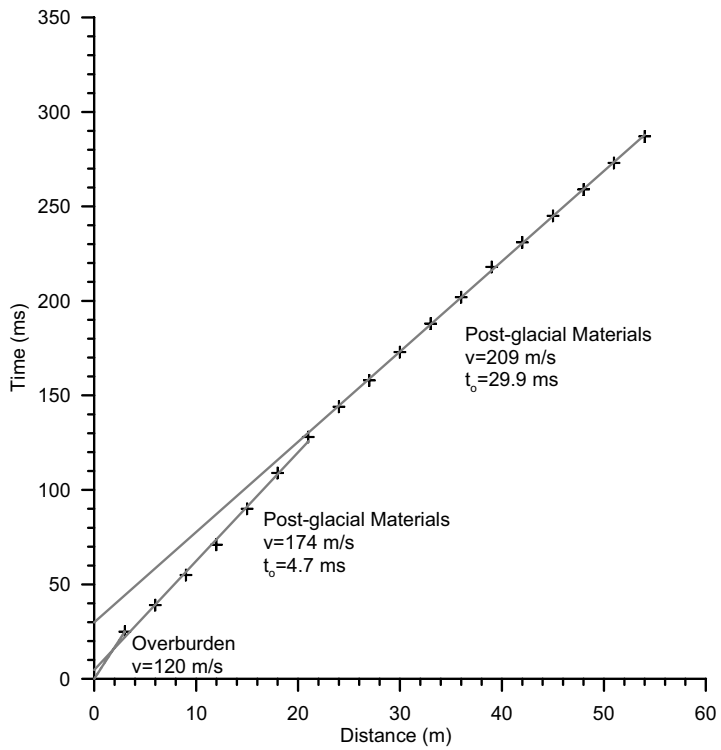
Site 028
Average Shear Wave Velocity vs. Depth



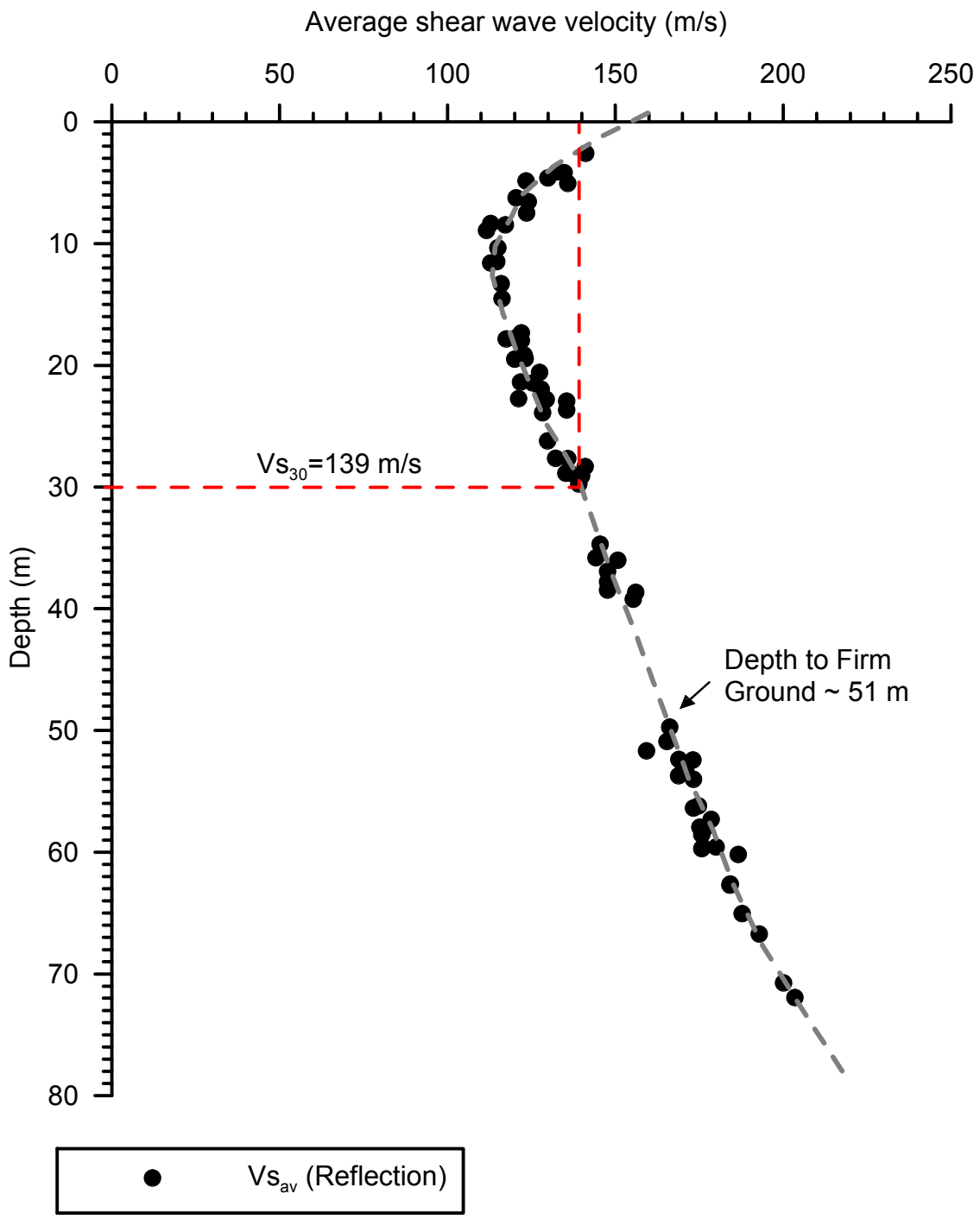
Site 028 - Forward Shot 28004
Refraction Interpretation



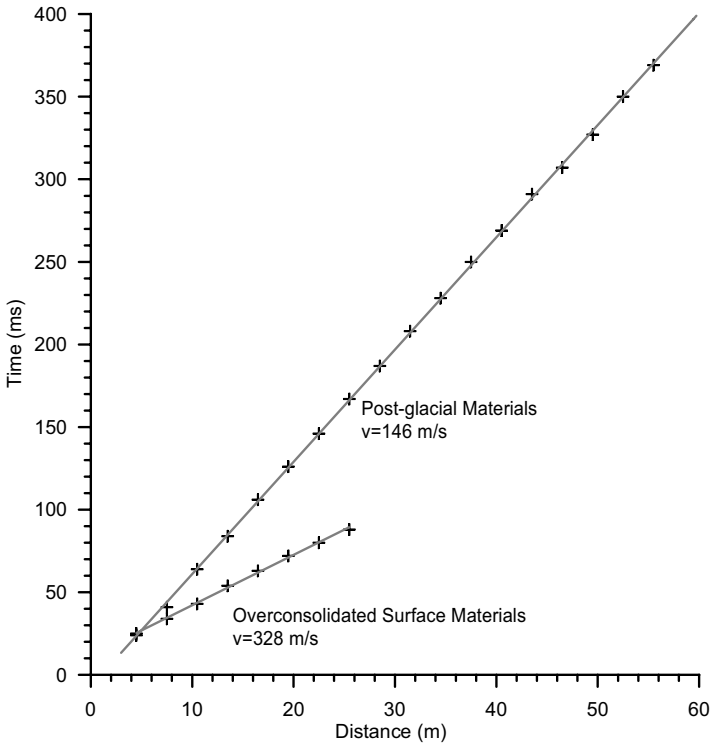
Site 028 - Reverse Shots 28001 and 28002
Refraction Interpretation



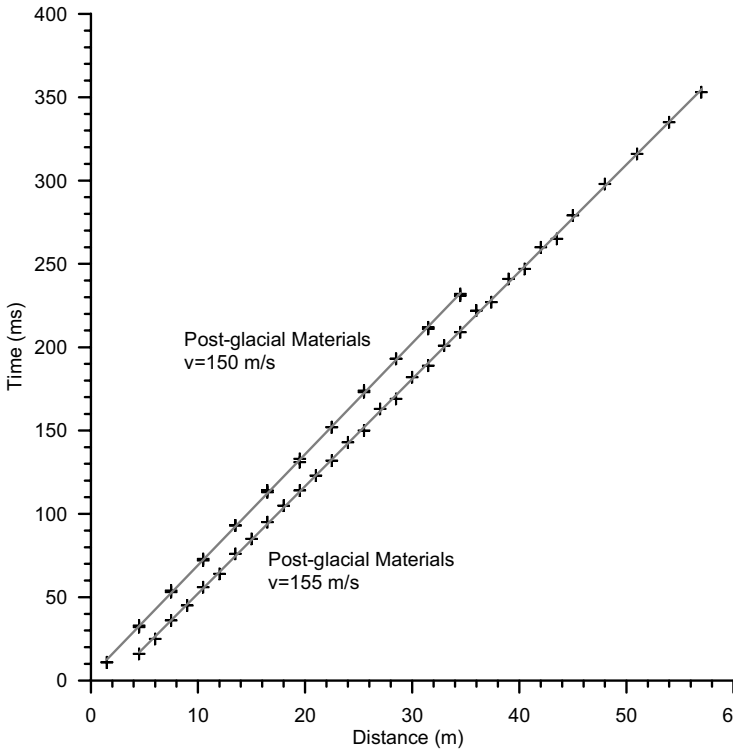
Site 029
Average Shear Wave Velocity vs. Depth



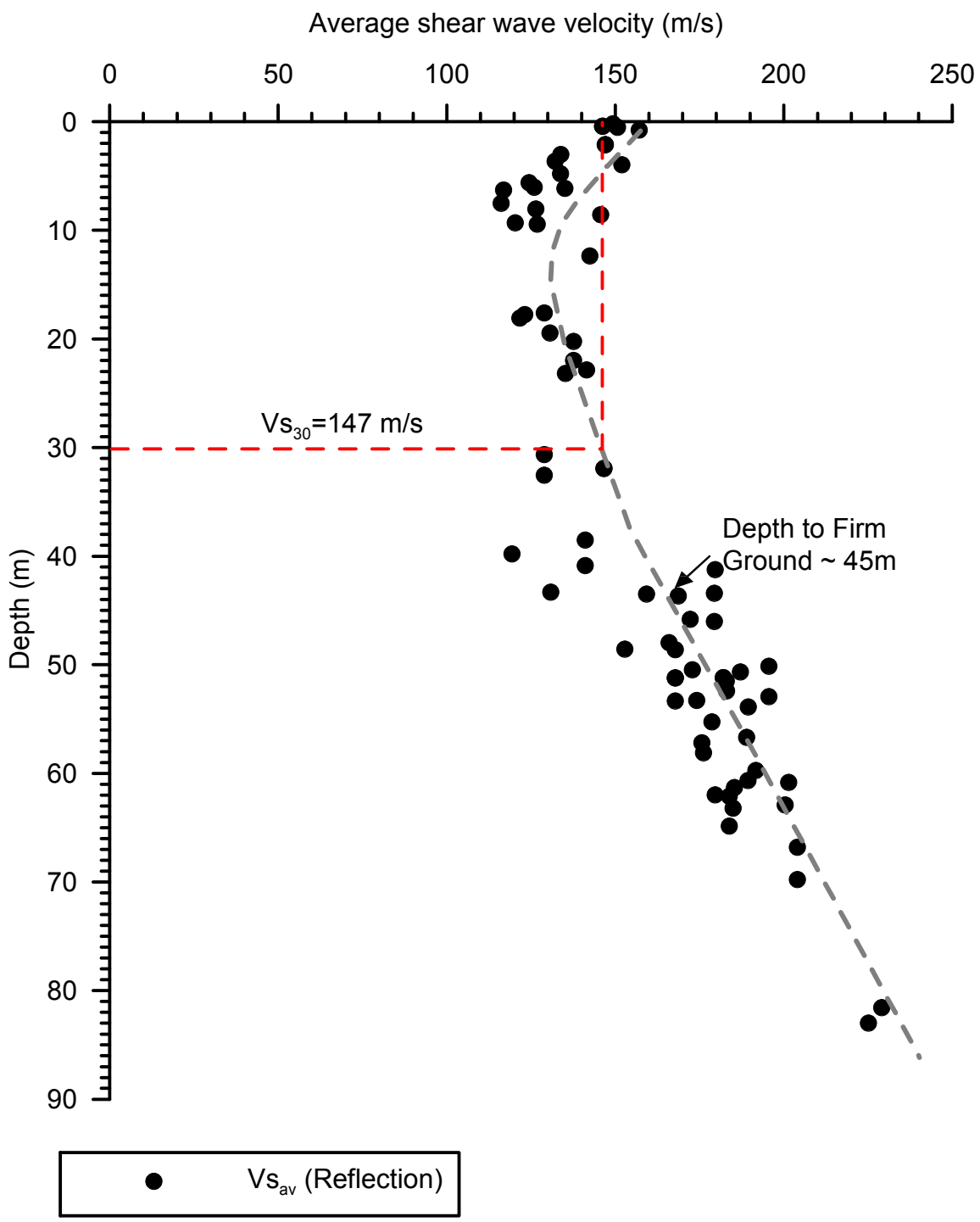
Site 029 - Forward Shots 29004 and 29005
Refraction Interpretation



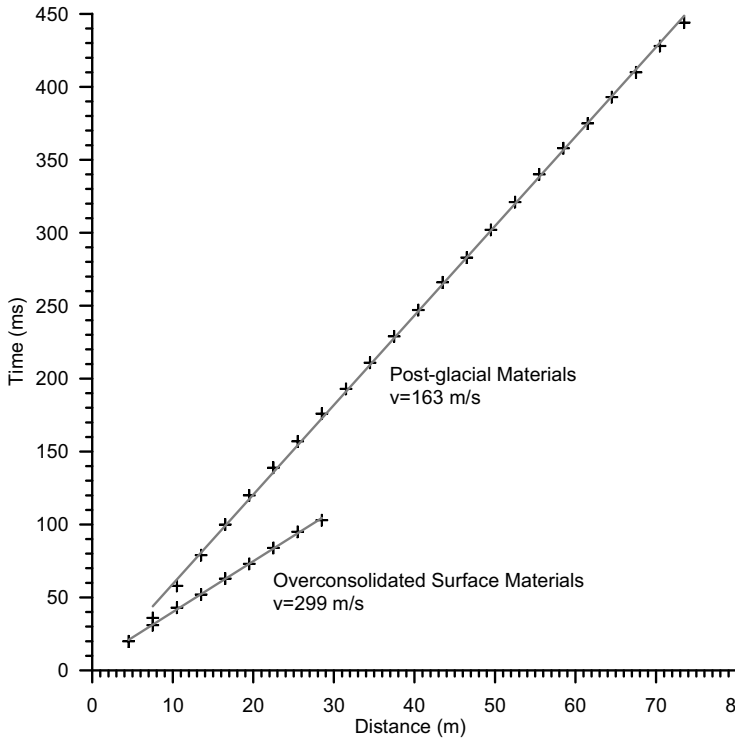
Site 029 - Reverse Shots 29001 and 29002
Refraction Interpretation



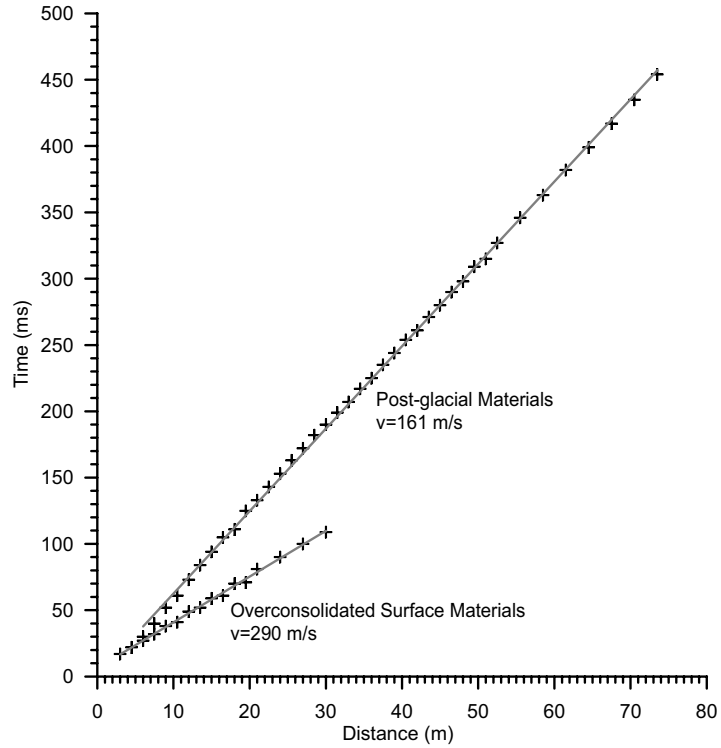
Site 030
Average Shear Wave Velocity vs. Depth



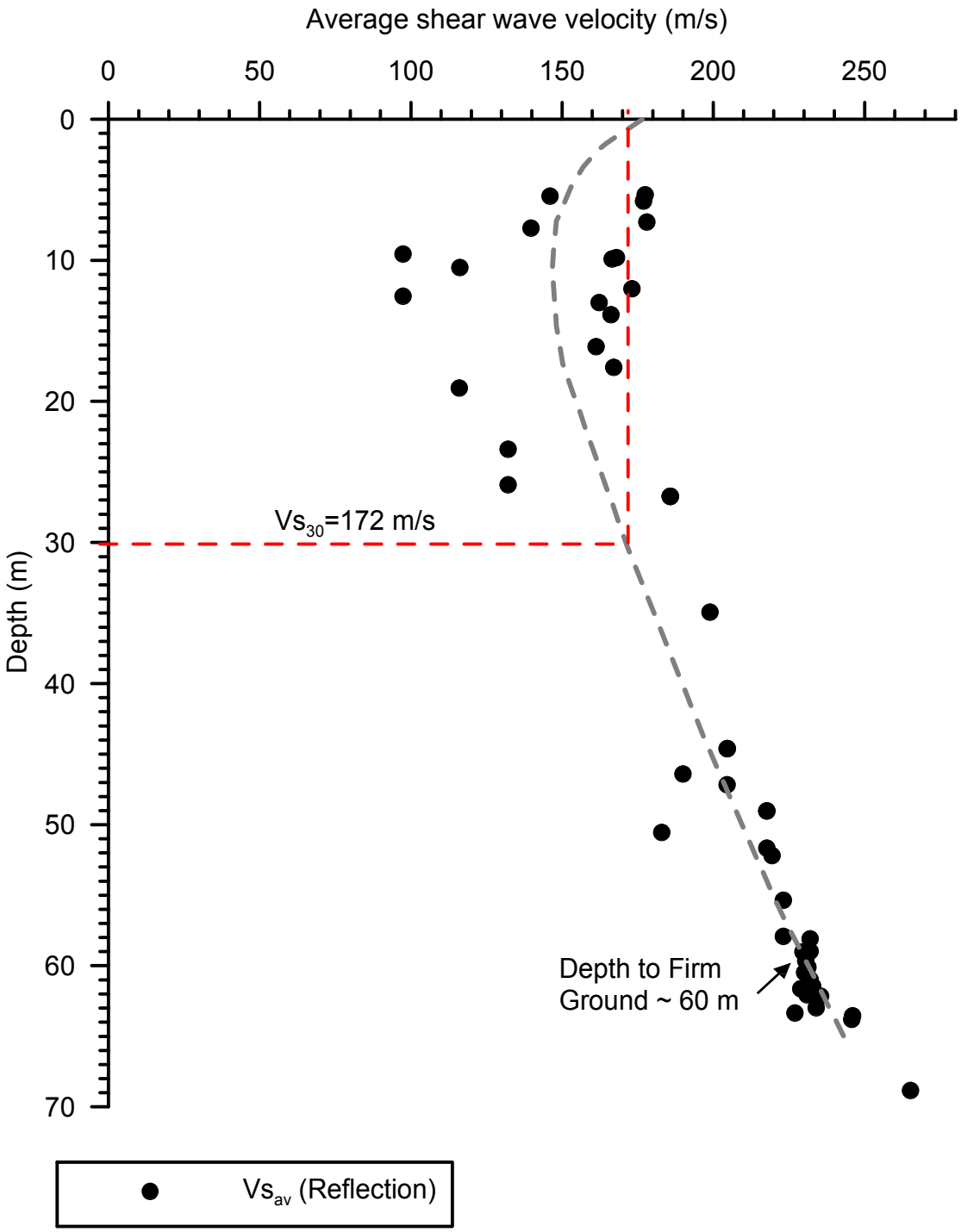
Site 030 - Forward Shots 30004 and 30005
Refraction Interpretation



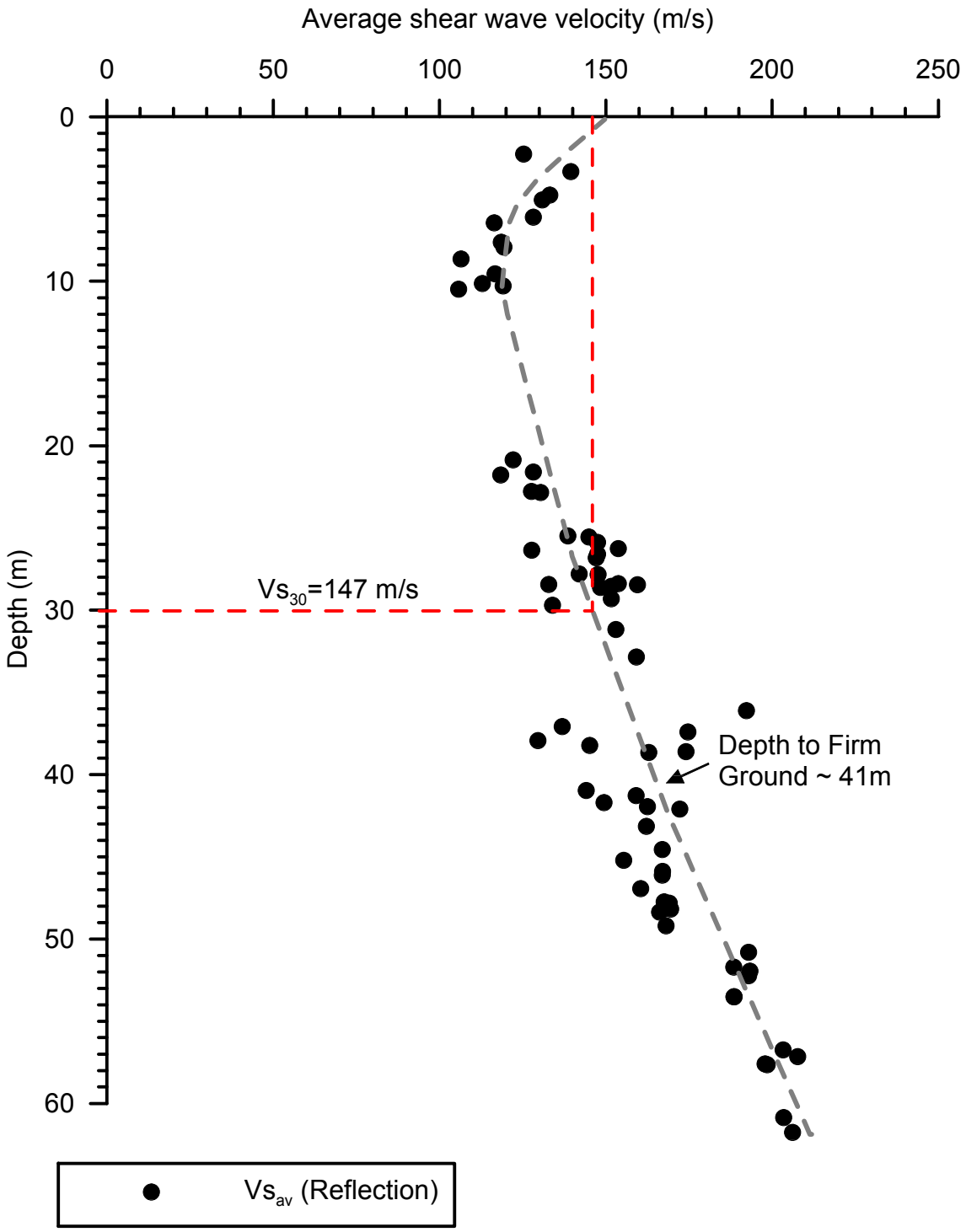
Site 030 - Reverse Shots 30001 and 30002
Refraction Interpretation



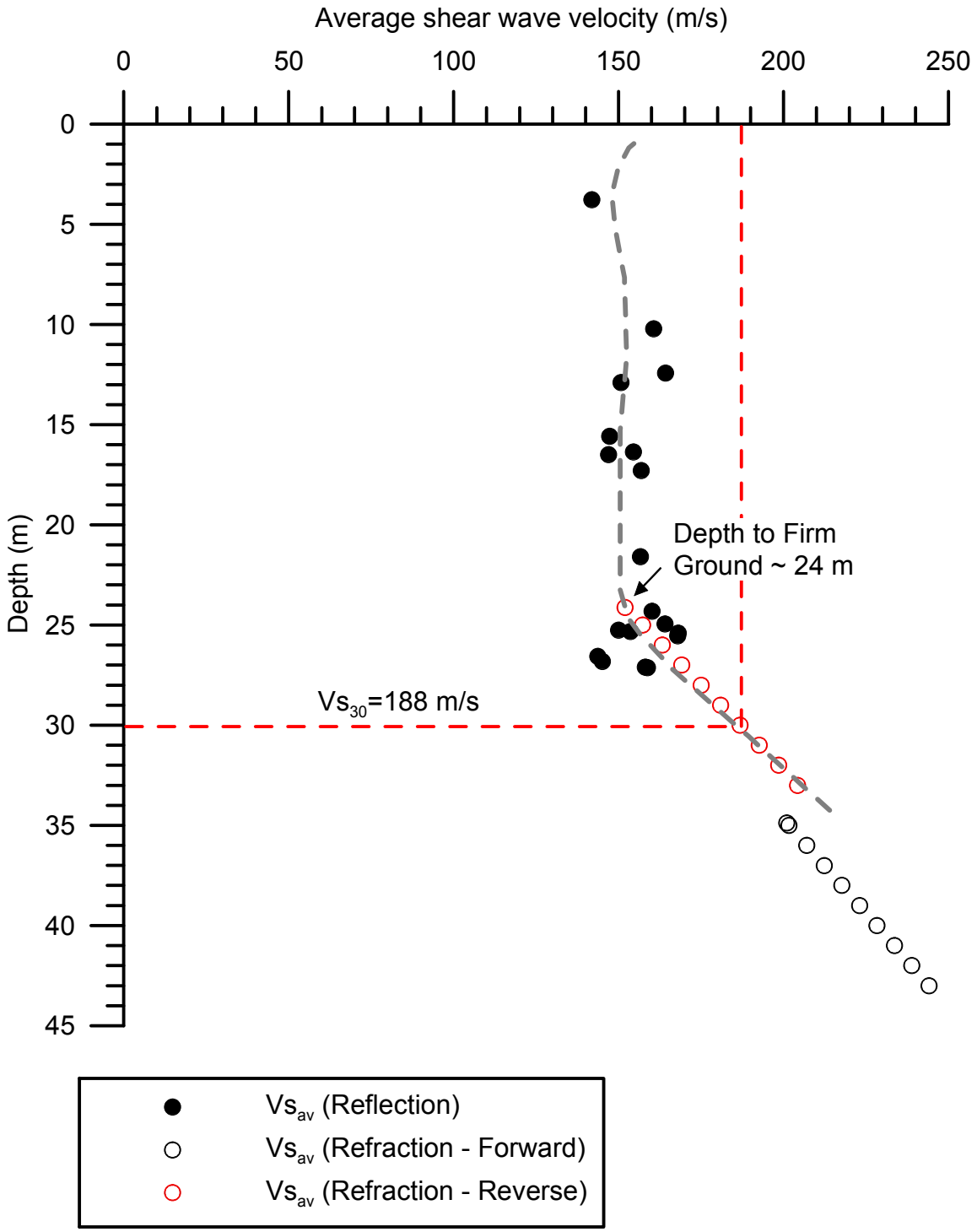
Site 031
Average Shear Wave Velocity vs. Depth



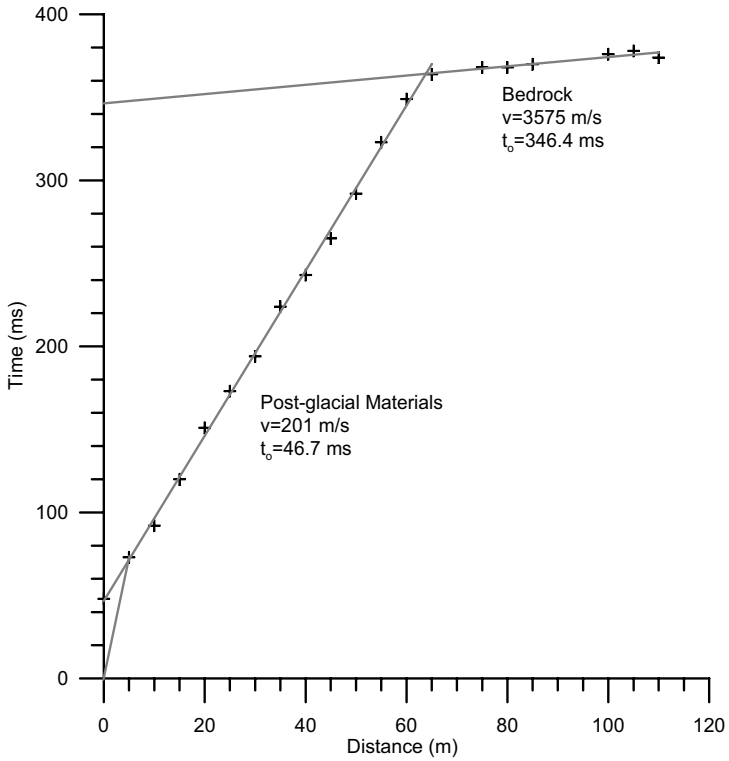
Site 032
Average Shear Wave Velocity vs. Depth



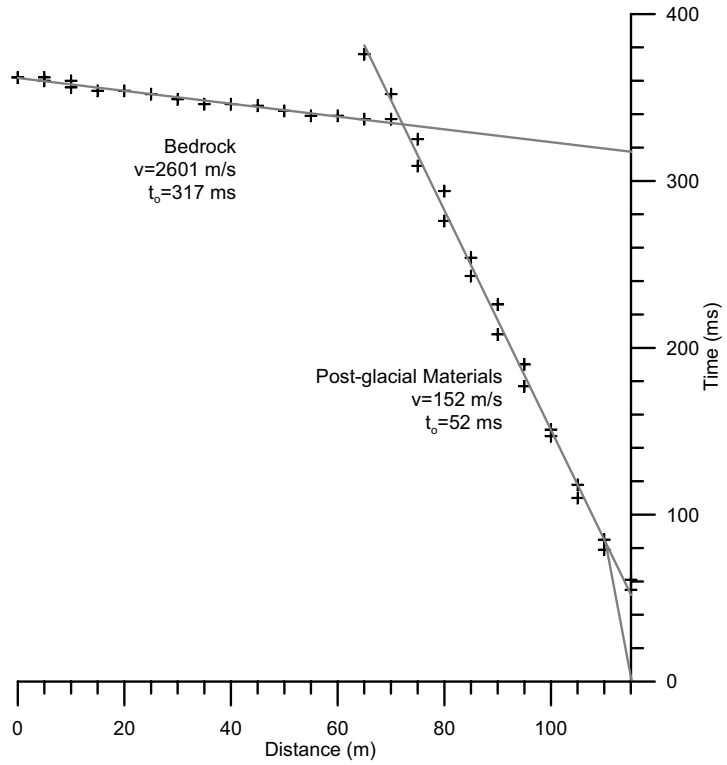
Site 033
Average Shear Wave Velocity vs. Depth



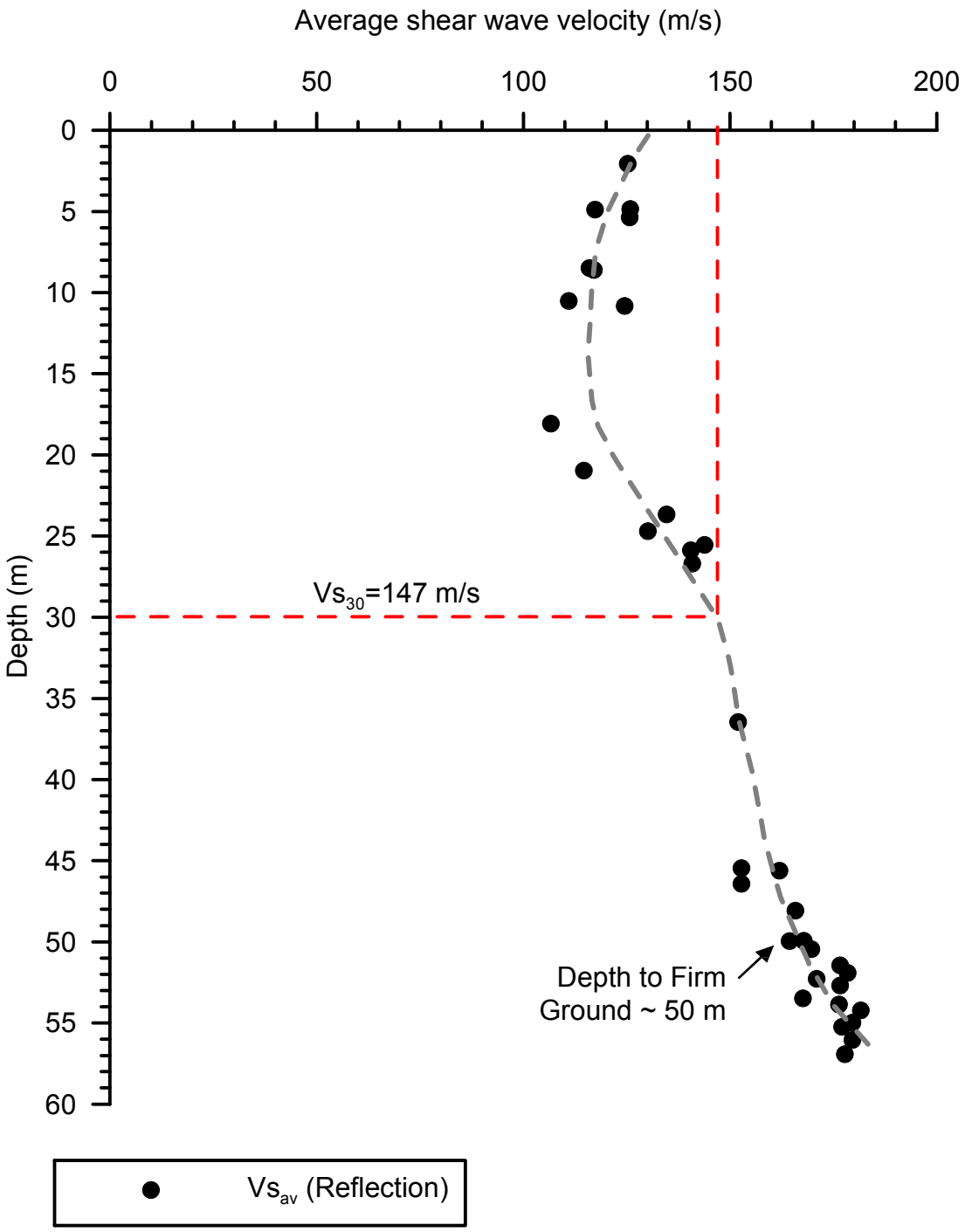
Site 033 - Forward Shot 33004
Refraction Interpretation



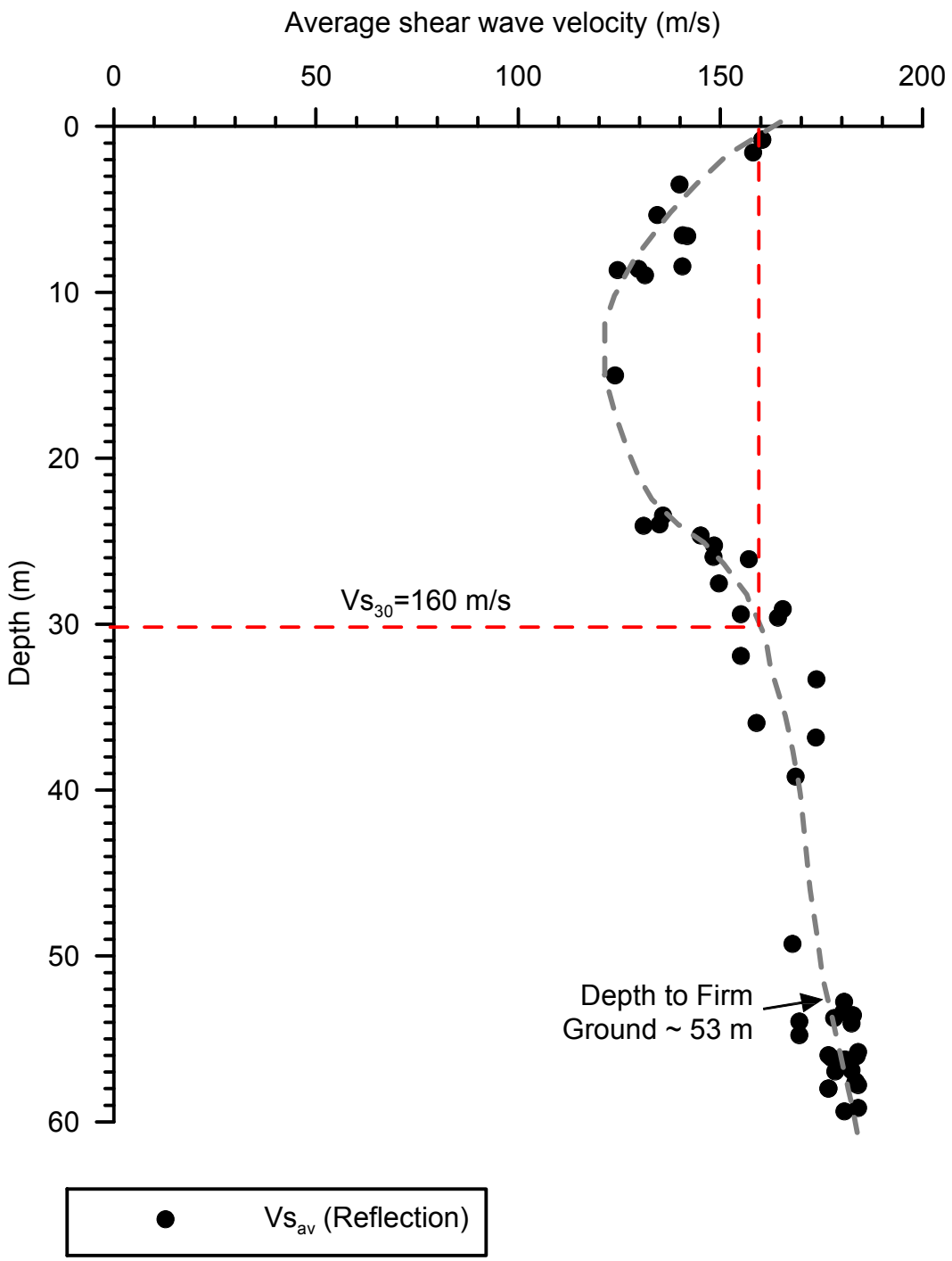
Site 033 - Reverse Shots 33001 and 33002
Refraction Interpretation



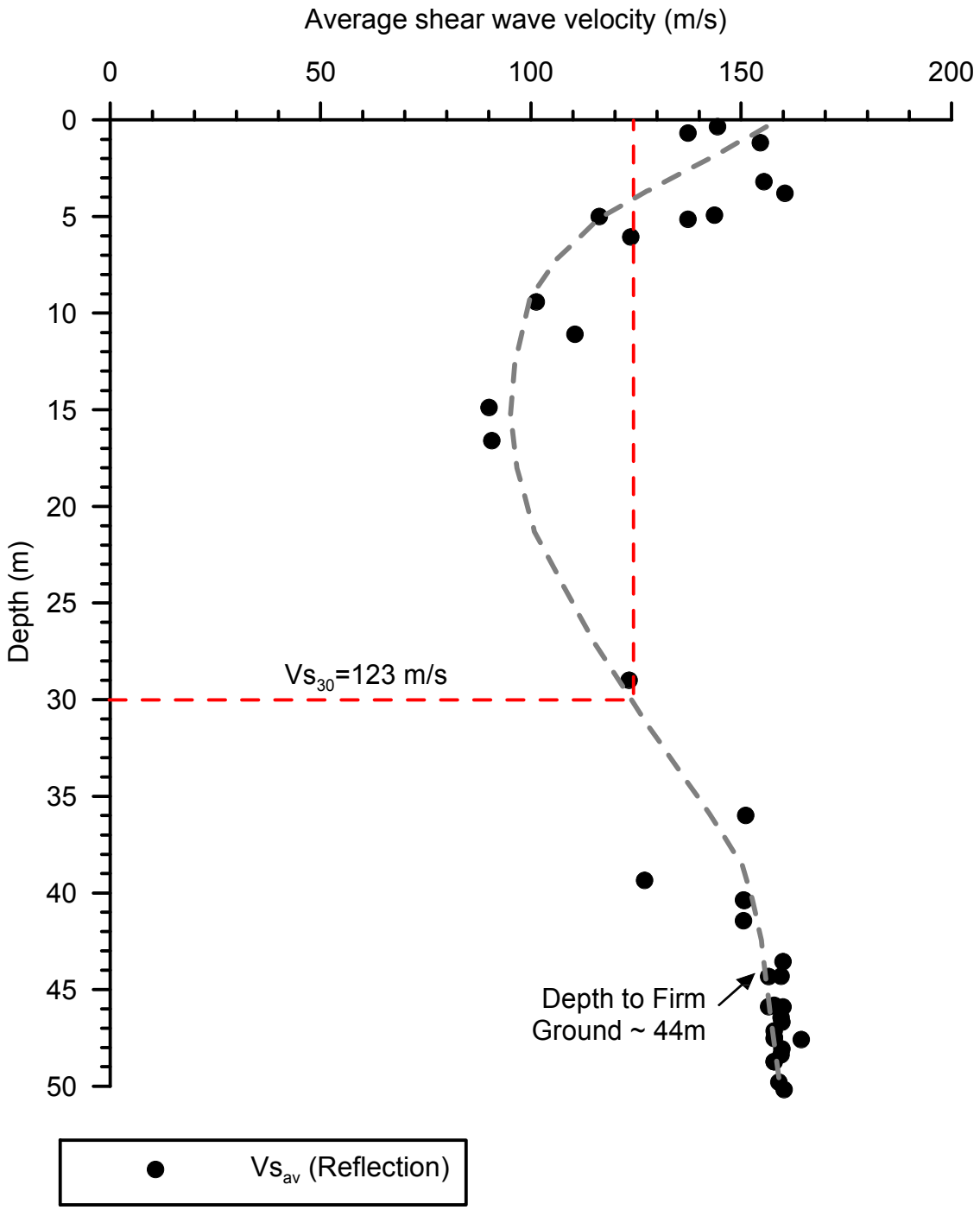
Site 034
Average Shear Wave Velocity vs. Depth



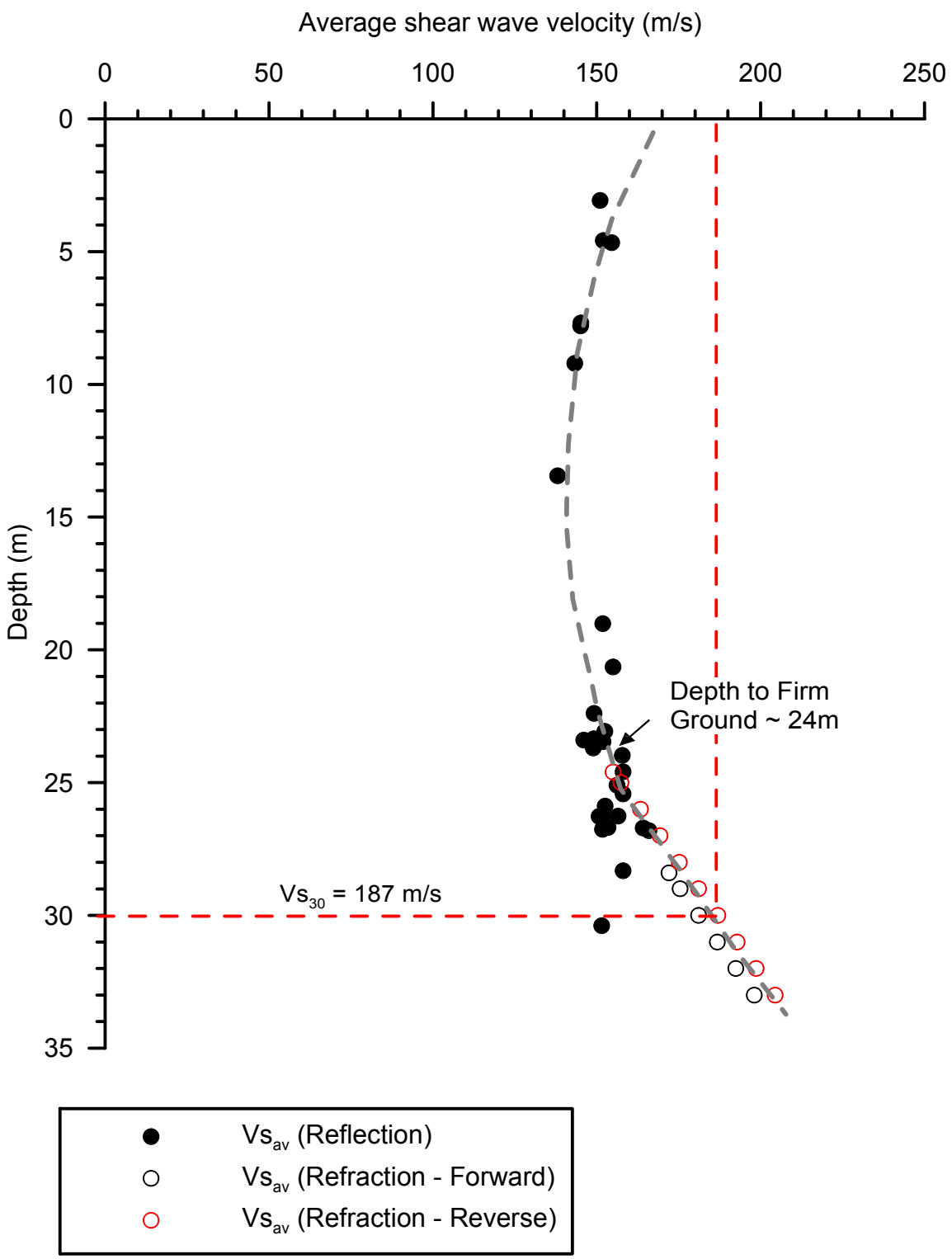
Site 035
Average Shear Wave Velocity vs. Depth



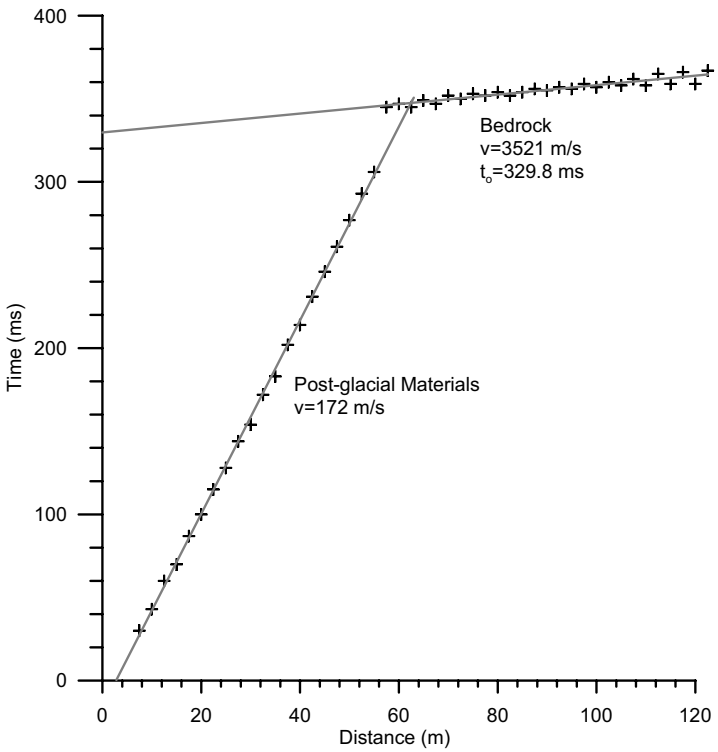
Site 036
Average Shear Wave Velocity vs. Depth



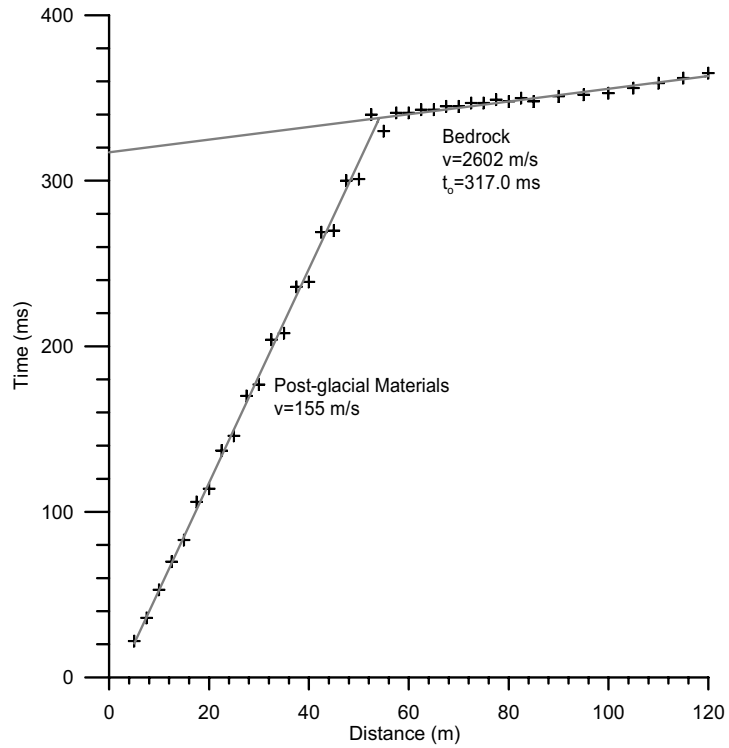
Site 037
Average Shear Wave Velocity vs. Depth



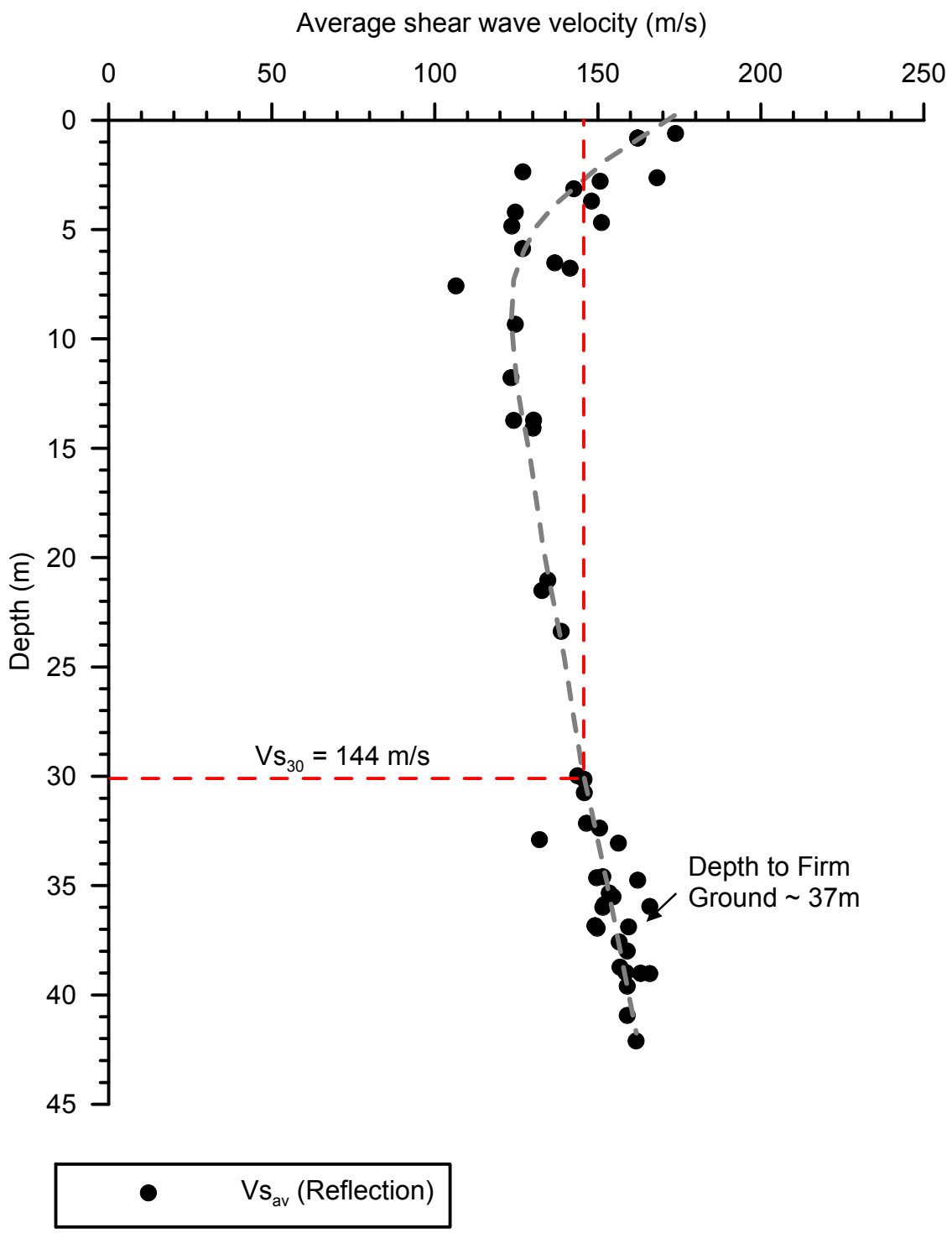
Site 037 - Forward Shots 37004 and 37005
Refraction Interpretation



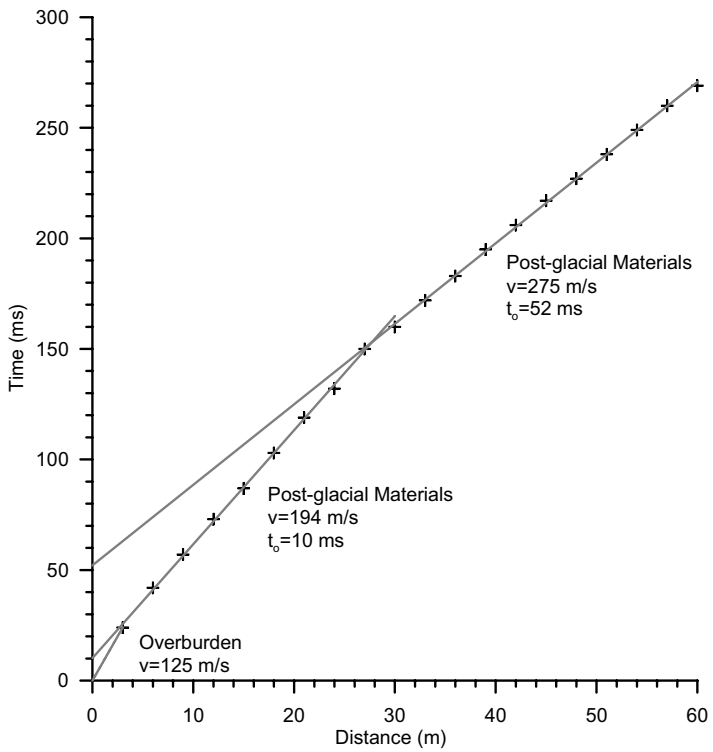
Site 037 - Reverse Shots 37001 and 37002
Refraction Interpretation



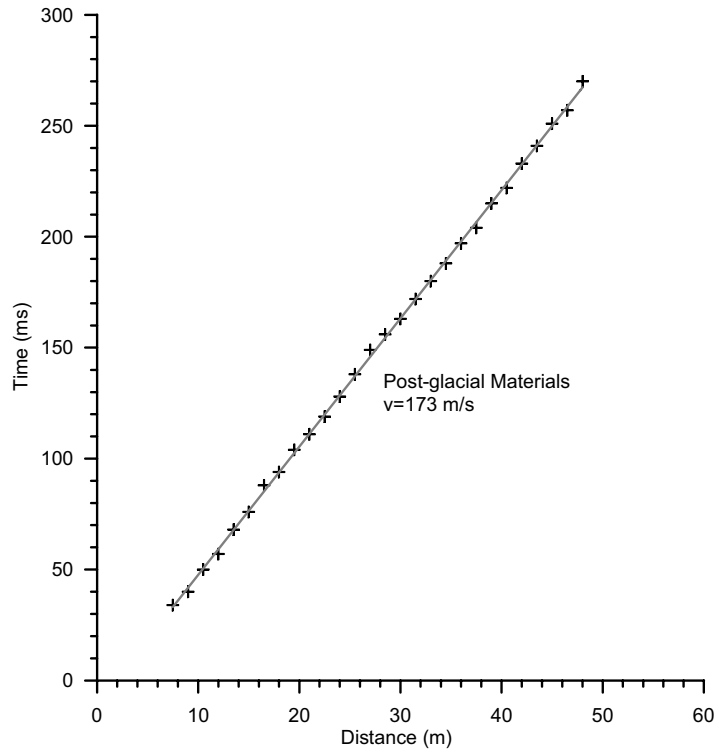
Site 038
Average Shear Wave Velocity vs. Depth



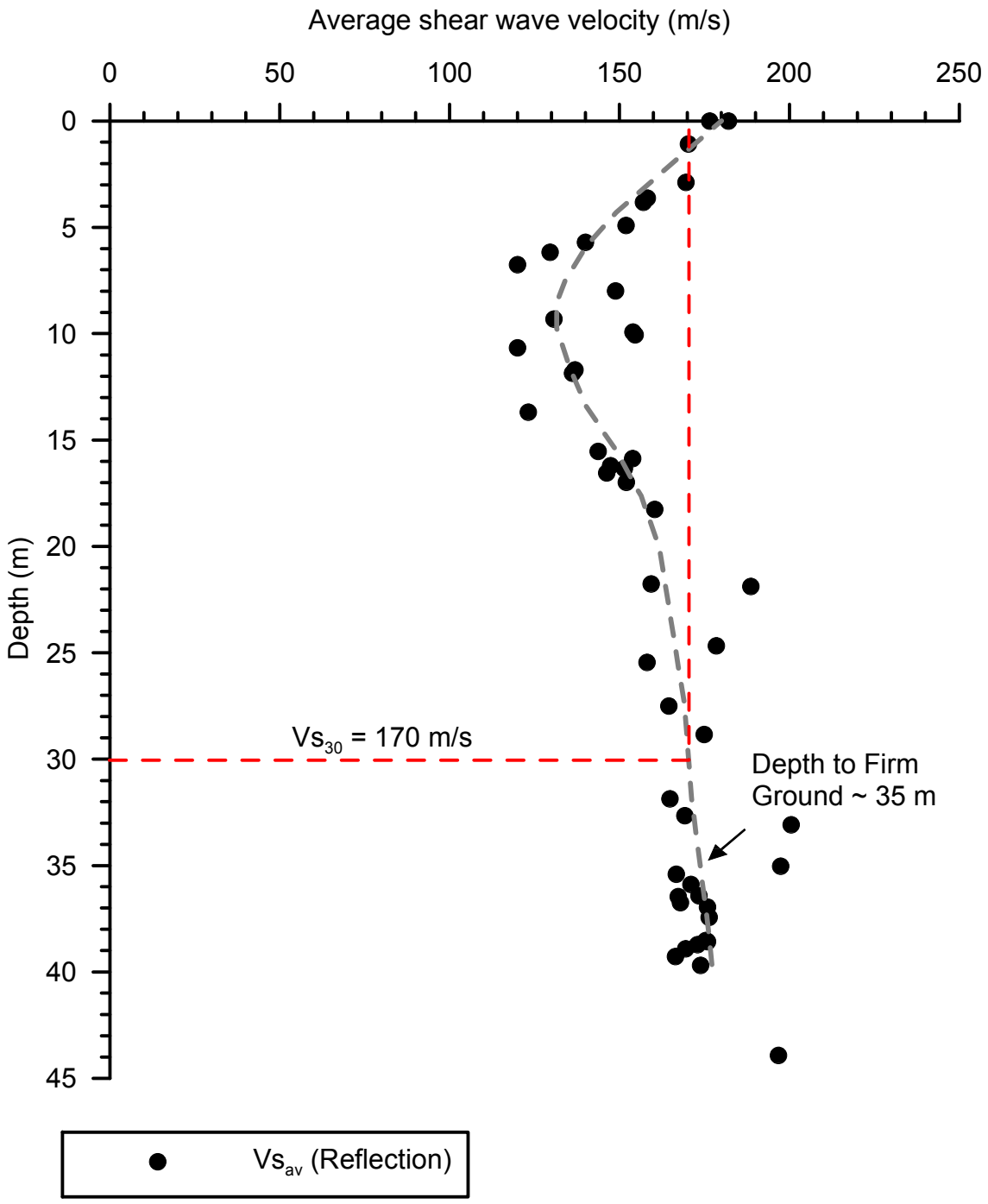
Site 038 - Forward Shots 38004 and 38005
Refraction Interpretation



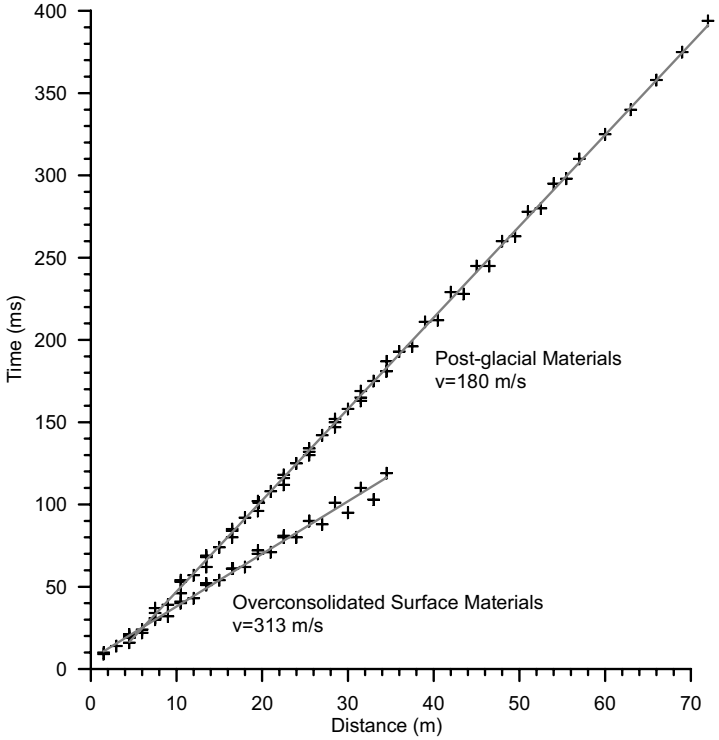
Site 038 - Reverse Shots 38001 and 38002
Refraction Interpretation



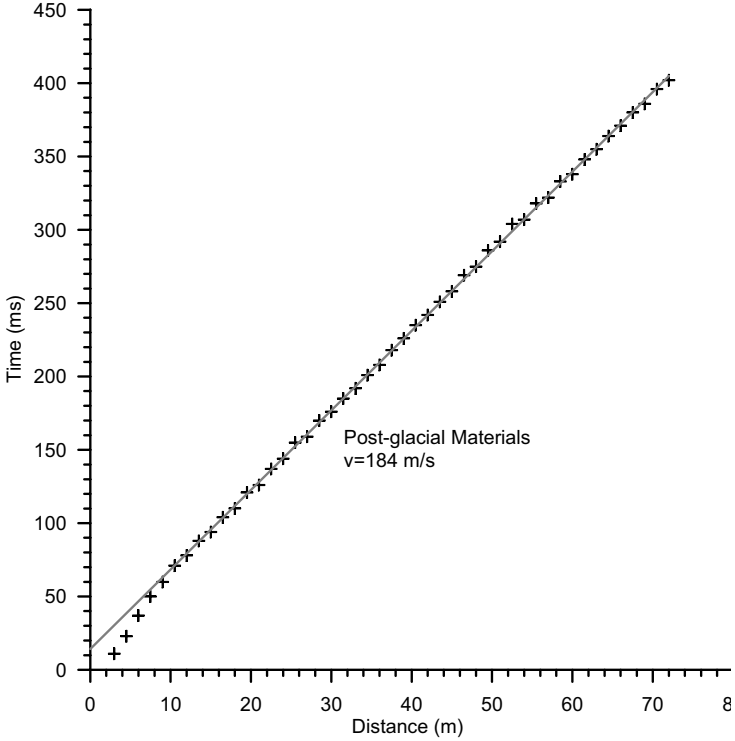
Site 039
Average Shear Wave Velocity vs. Depth



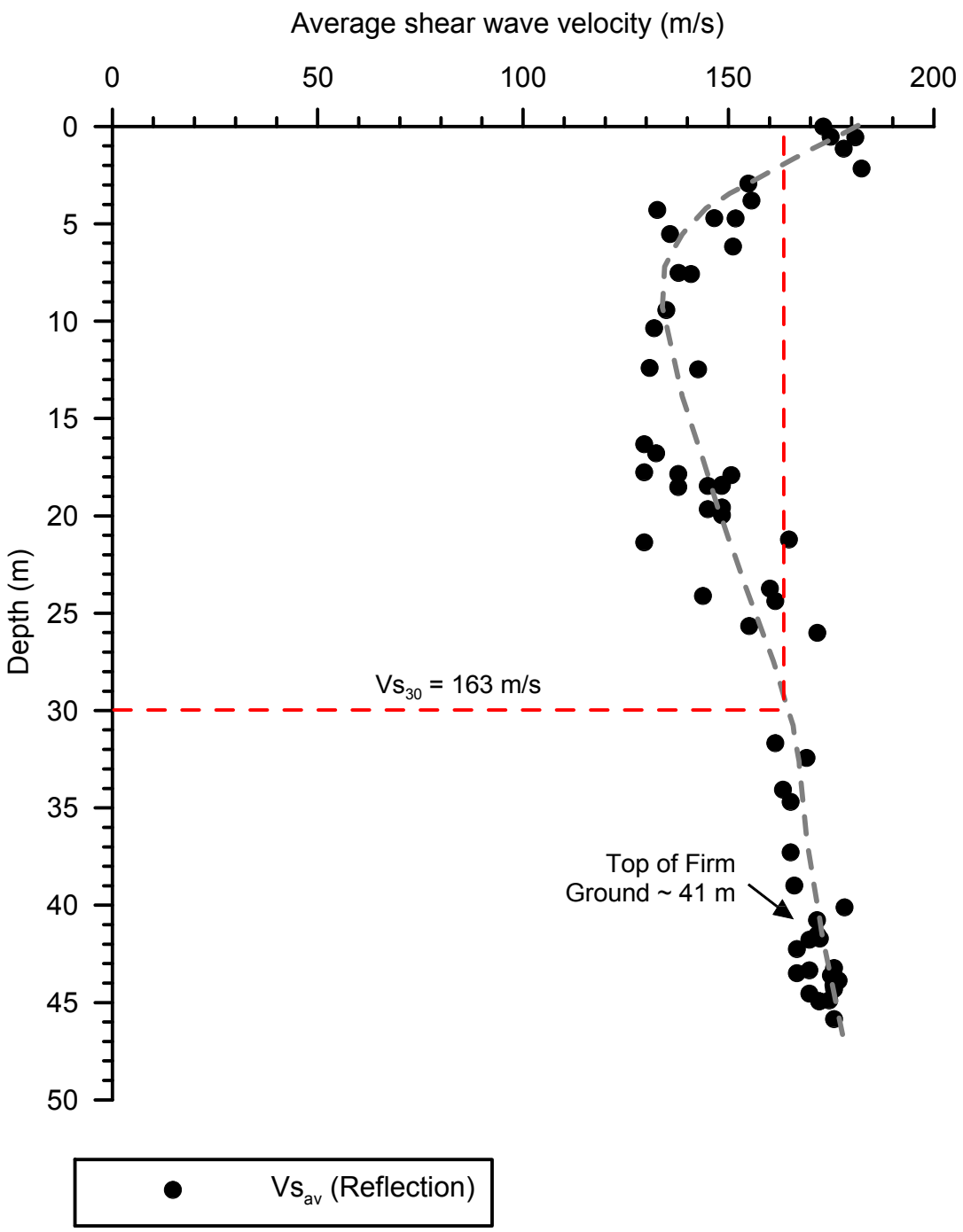
Site 039 - Forward Shots 39004 and 39005
Refraction Interpretation



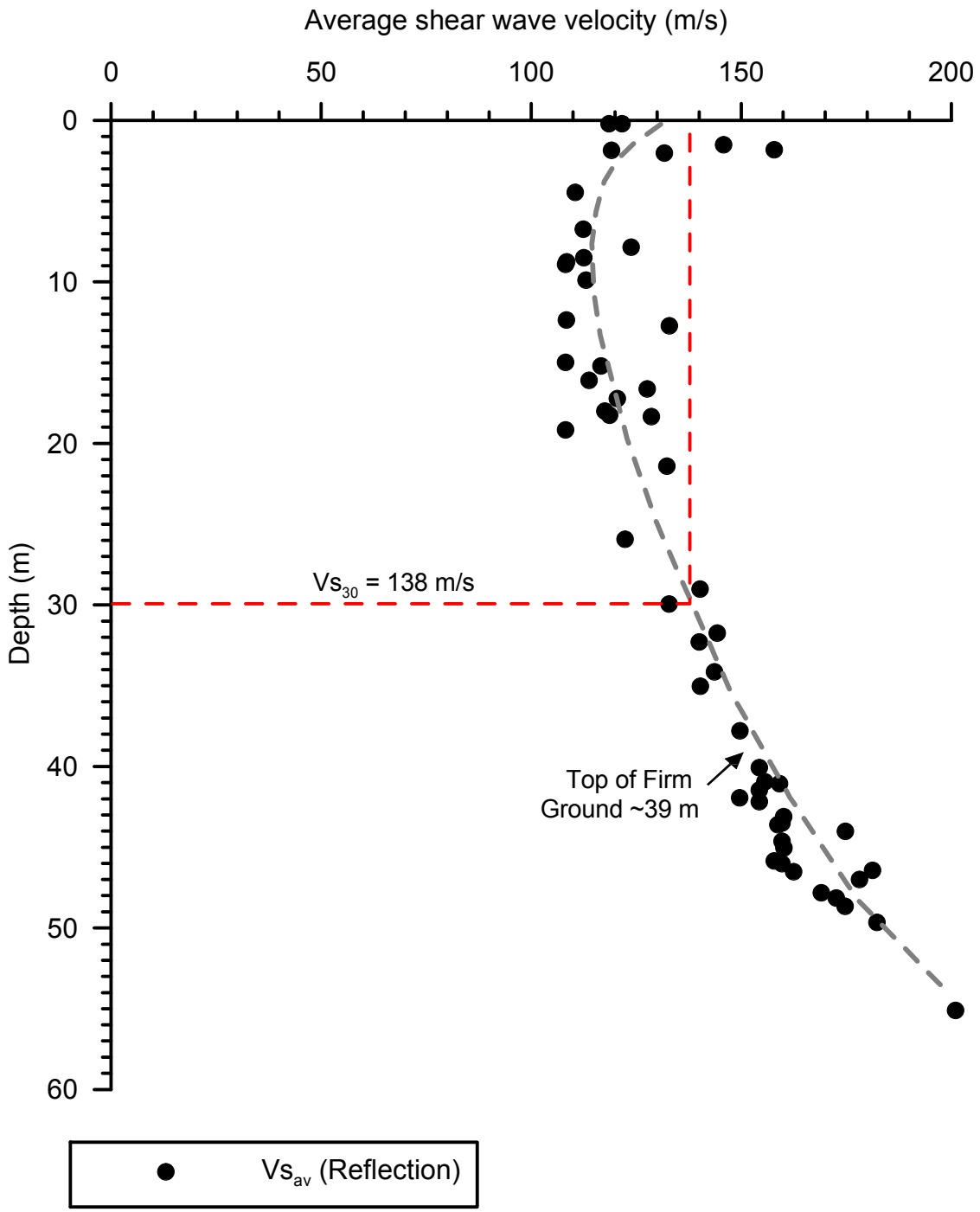
Site 039 - Reverse Shots 39001 and 39002
Refraction Interpretation



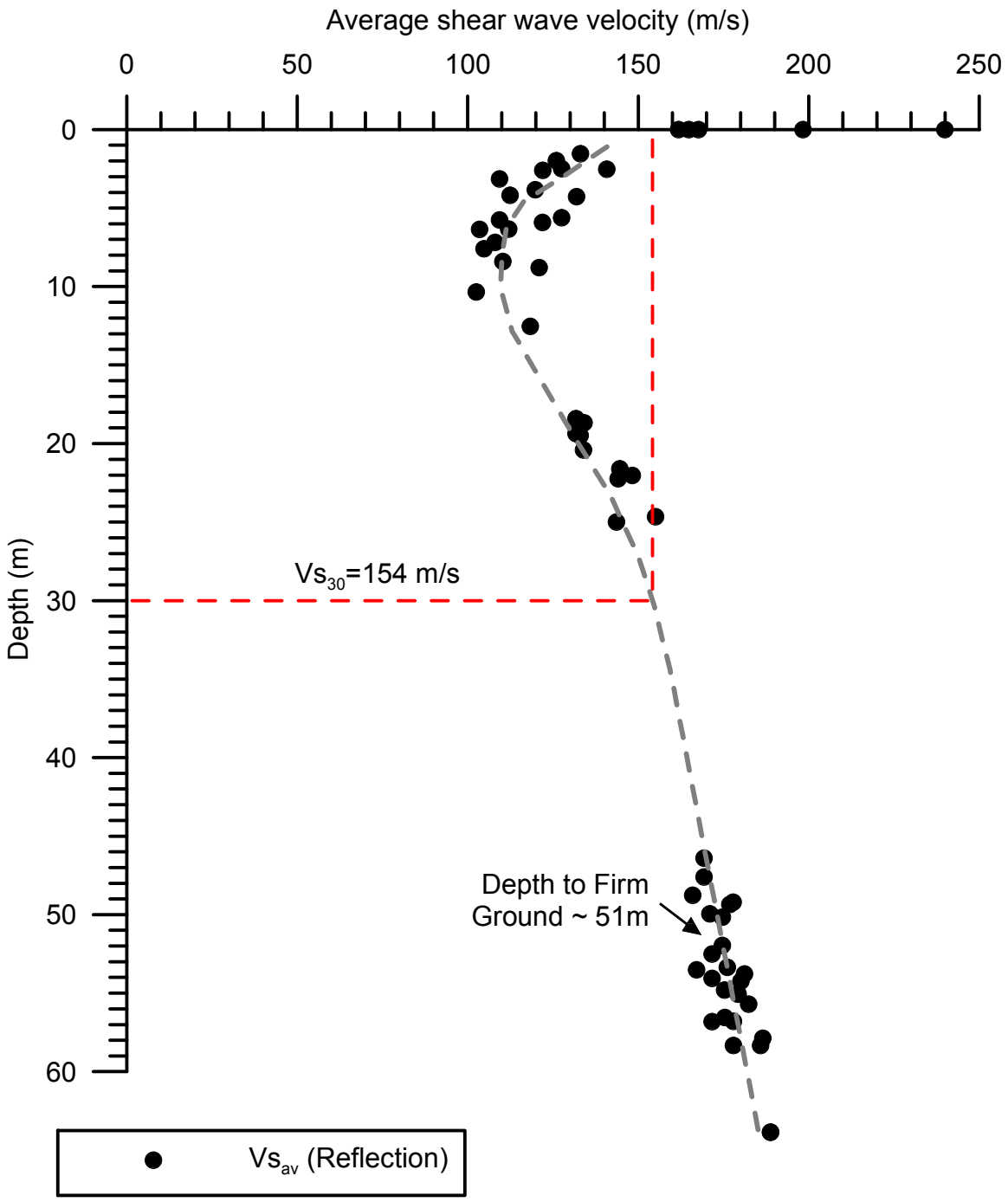
Site 040
Average Shear Wave Velocity vs. Depth



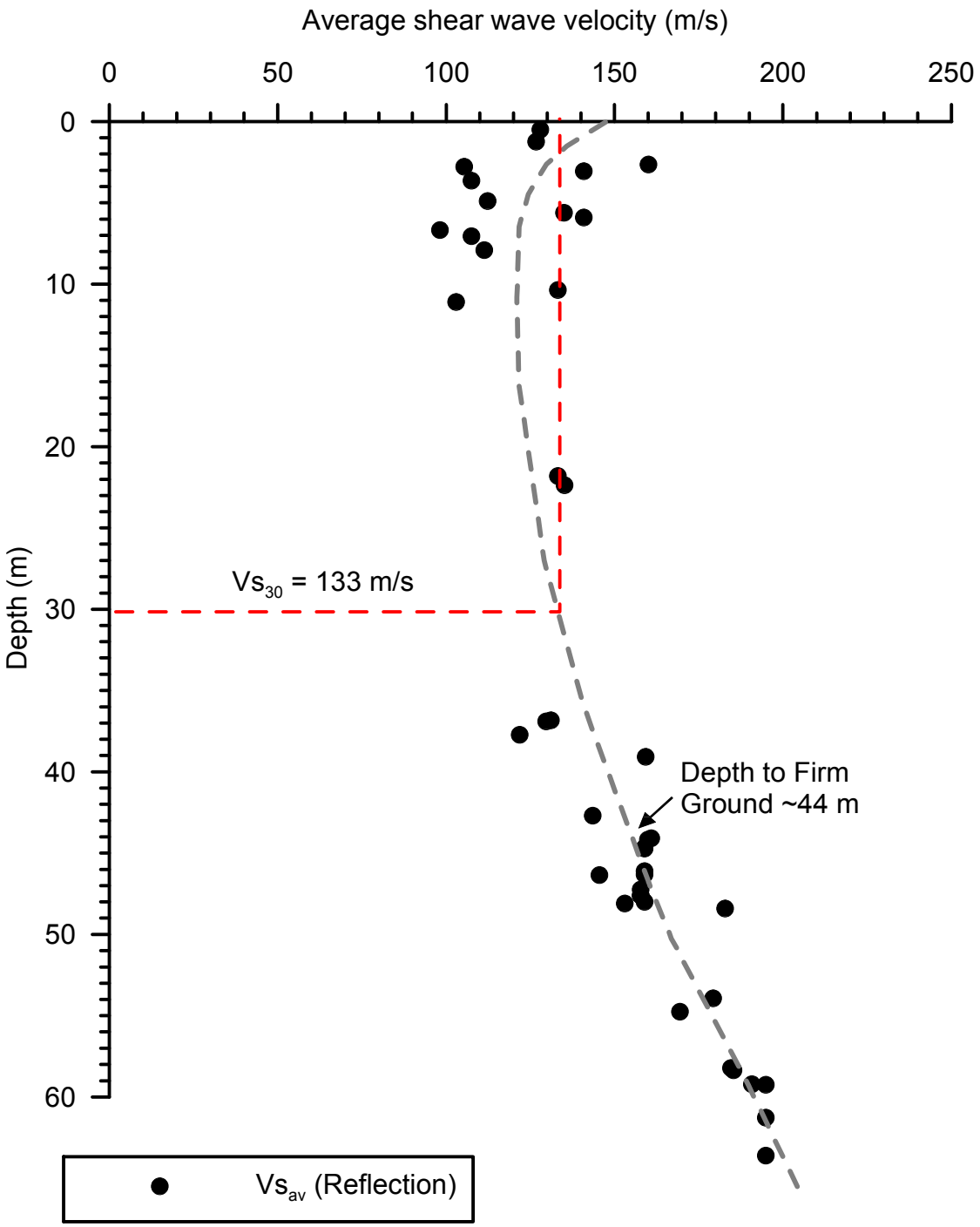
Site 041
Average Shear Wave Velocity vs. Depth



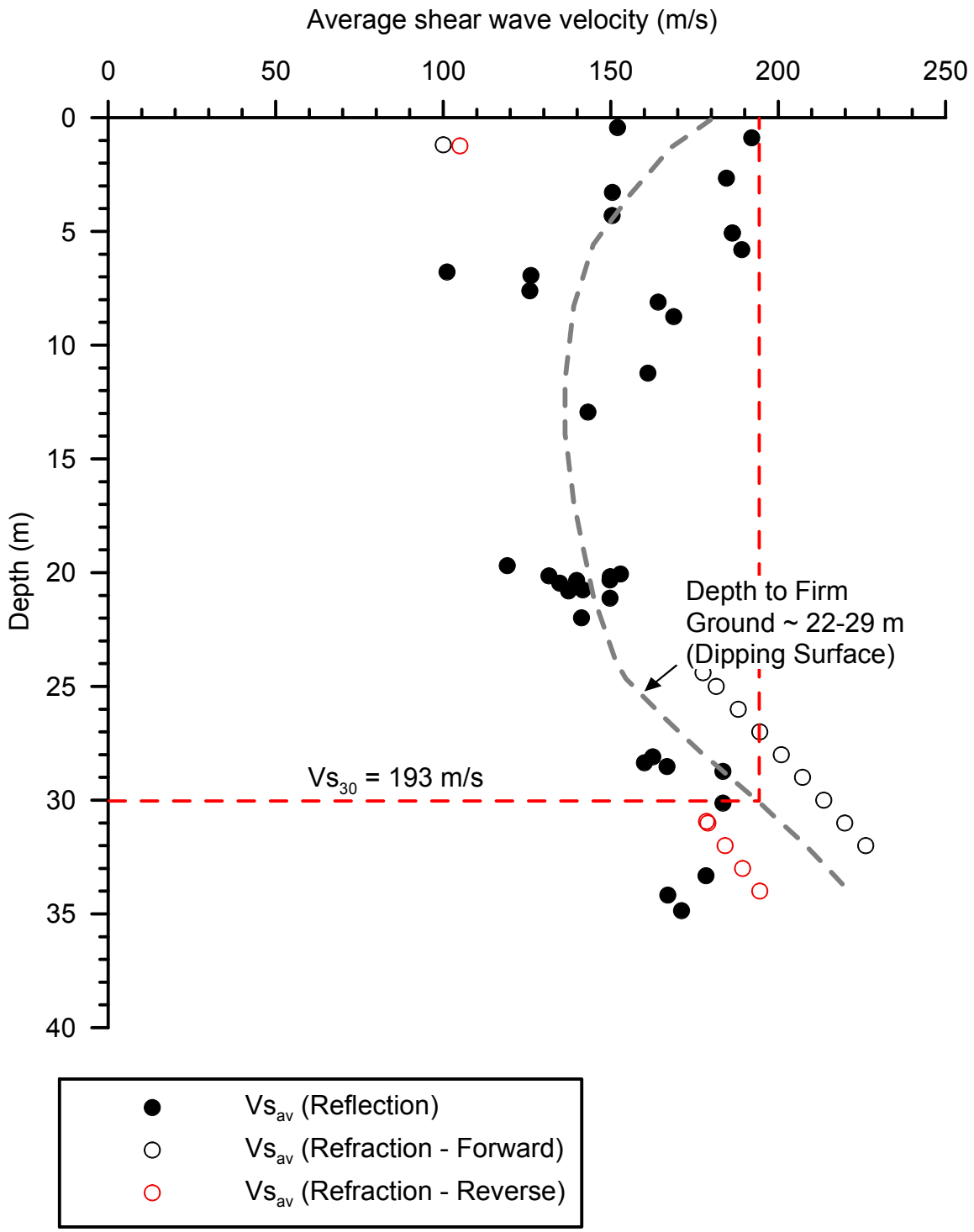
Site 042
Average Shear Wave Velocity vs. Depth



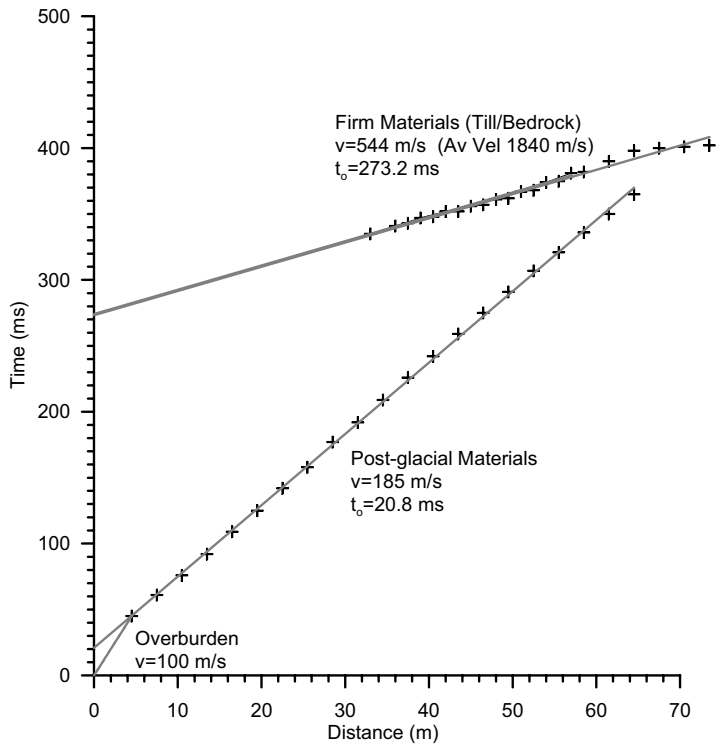
Site 043
Average Shear Wave Velocity vs. Depth



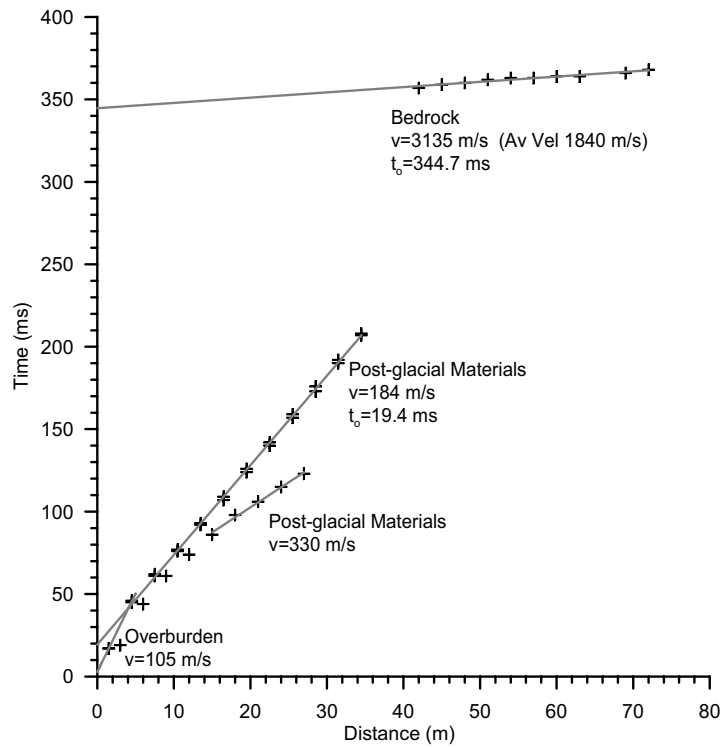
Site 044
Average Shear Wave Velocity vs. Depth



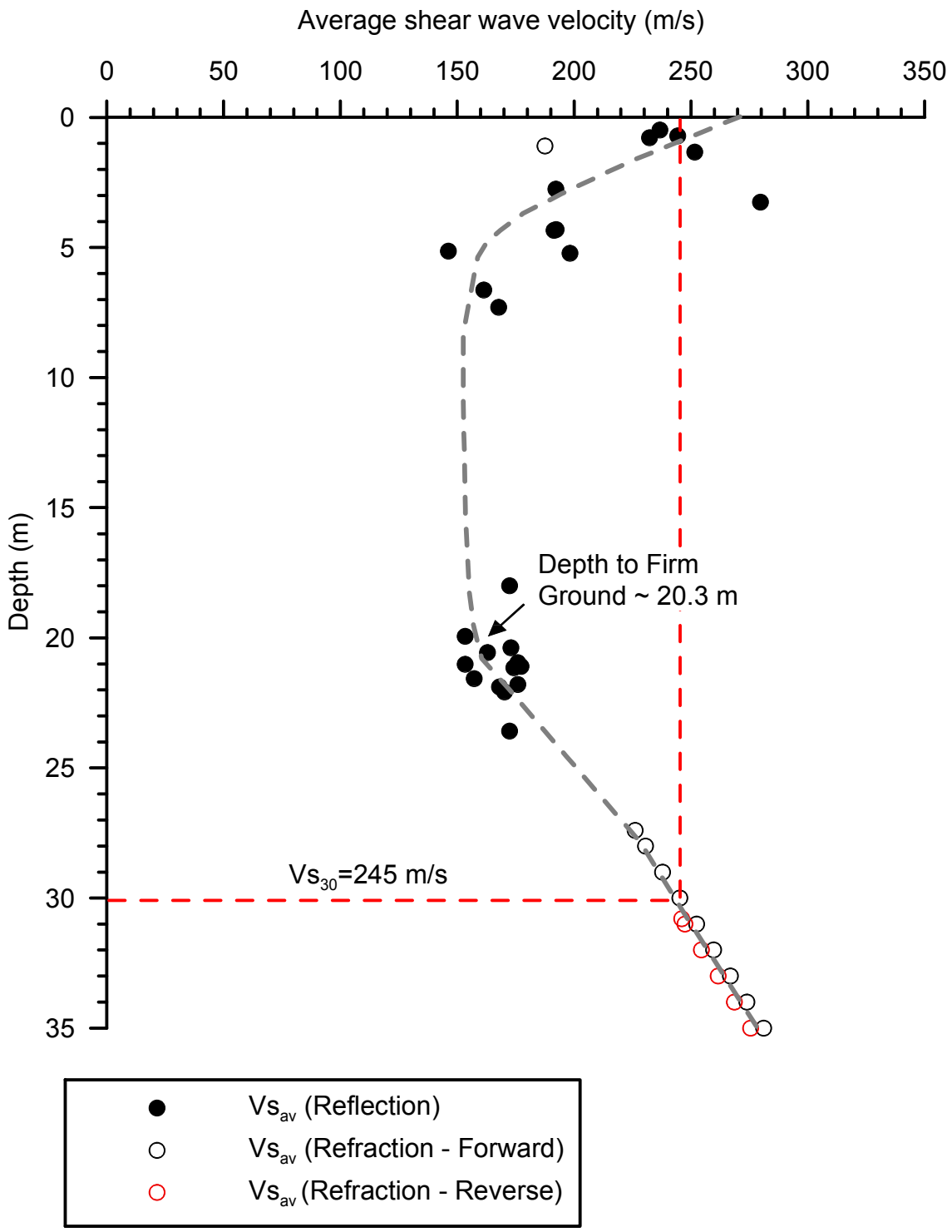
Site 044 - Forward Shots 44004 and 44005
Refraction Interpretation



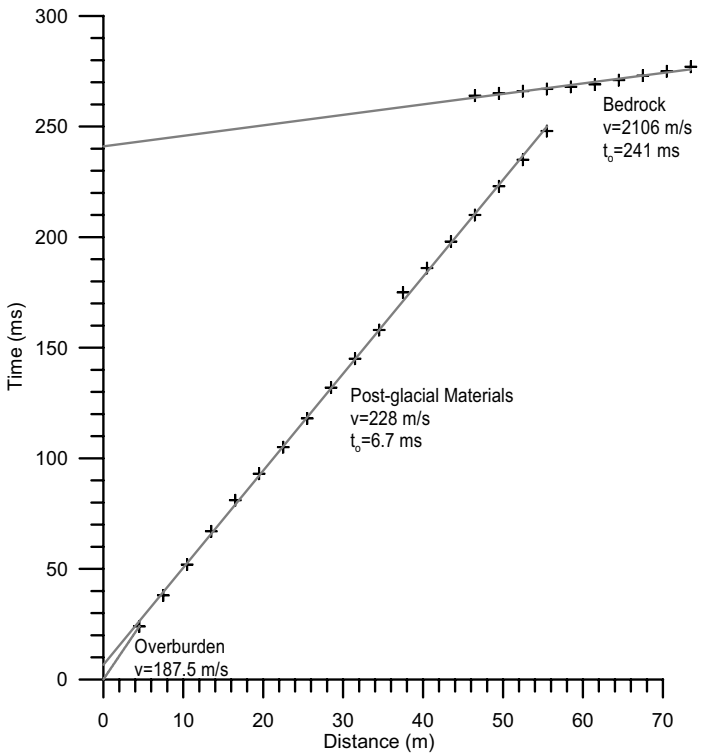
Site 044 - Reverse Shots 44001 and 44002
Refraction Interpretation



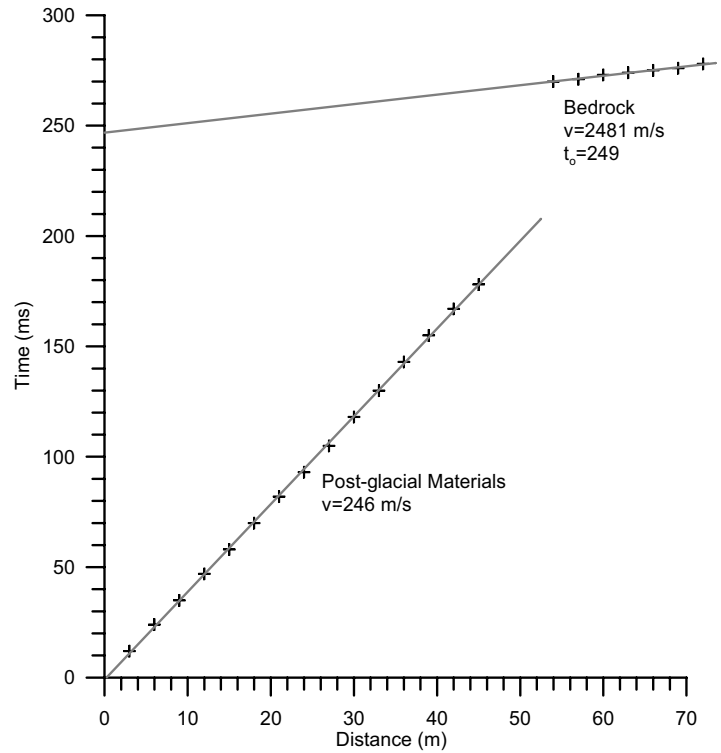
Site 045
Average Shear Wave Velocity vs. Depth



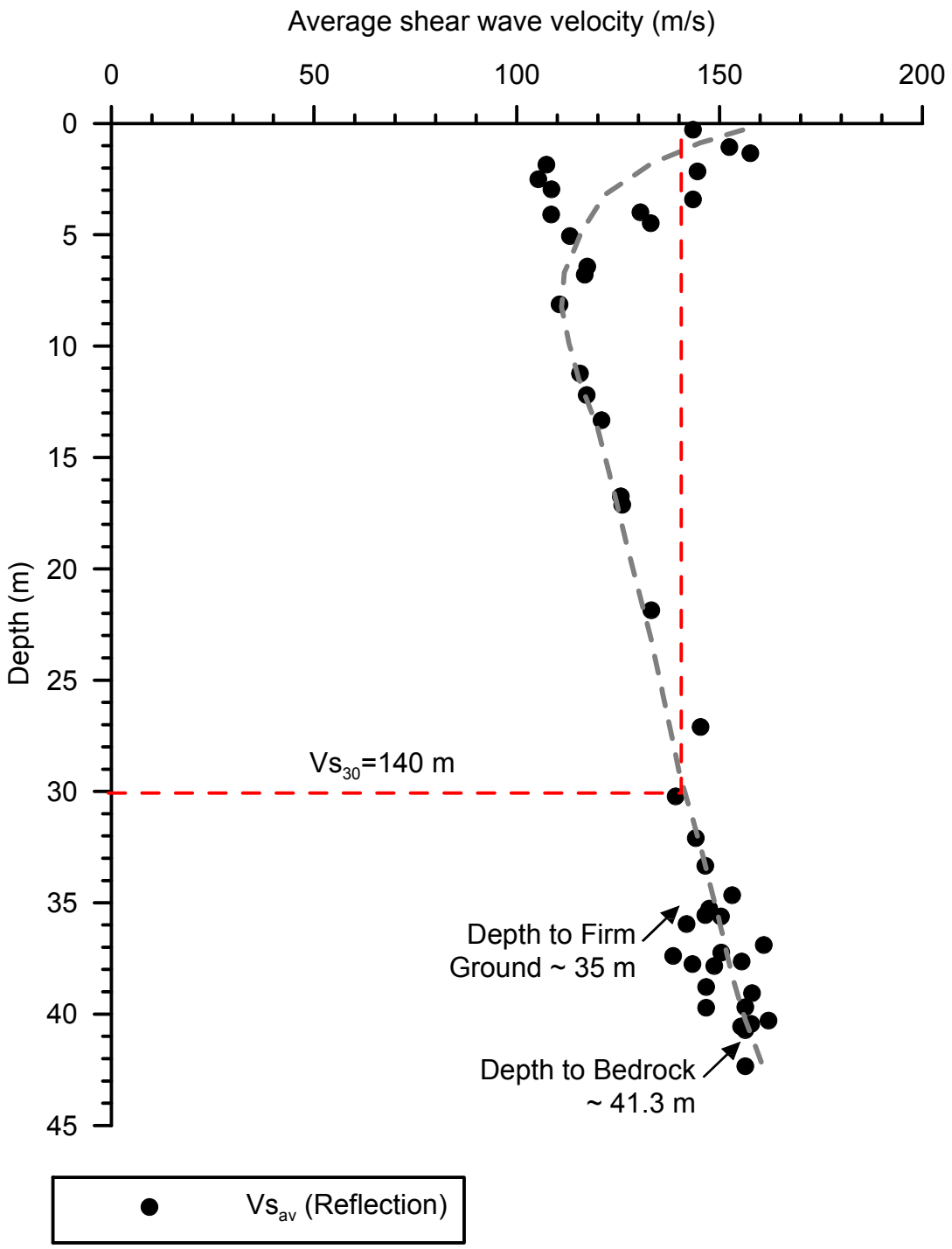
Site 045 - Forward Shots 45004 and 45005
Refraction Interpretation



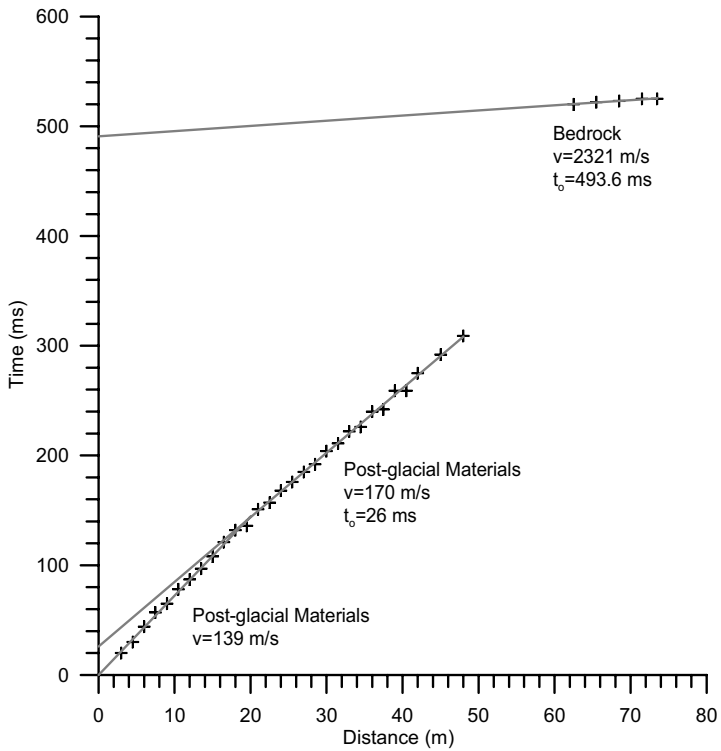
Site 045 - Reverse Shots 45001 and 45002
Refraction Interpretation



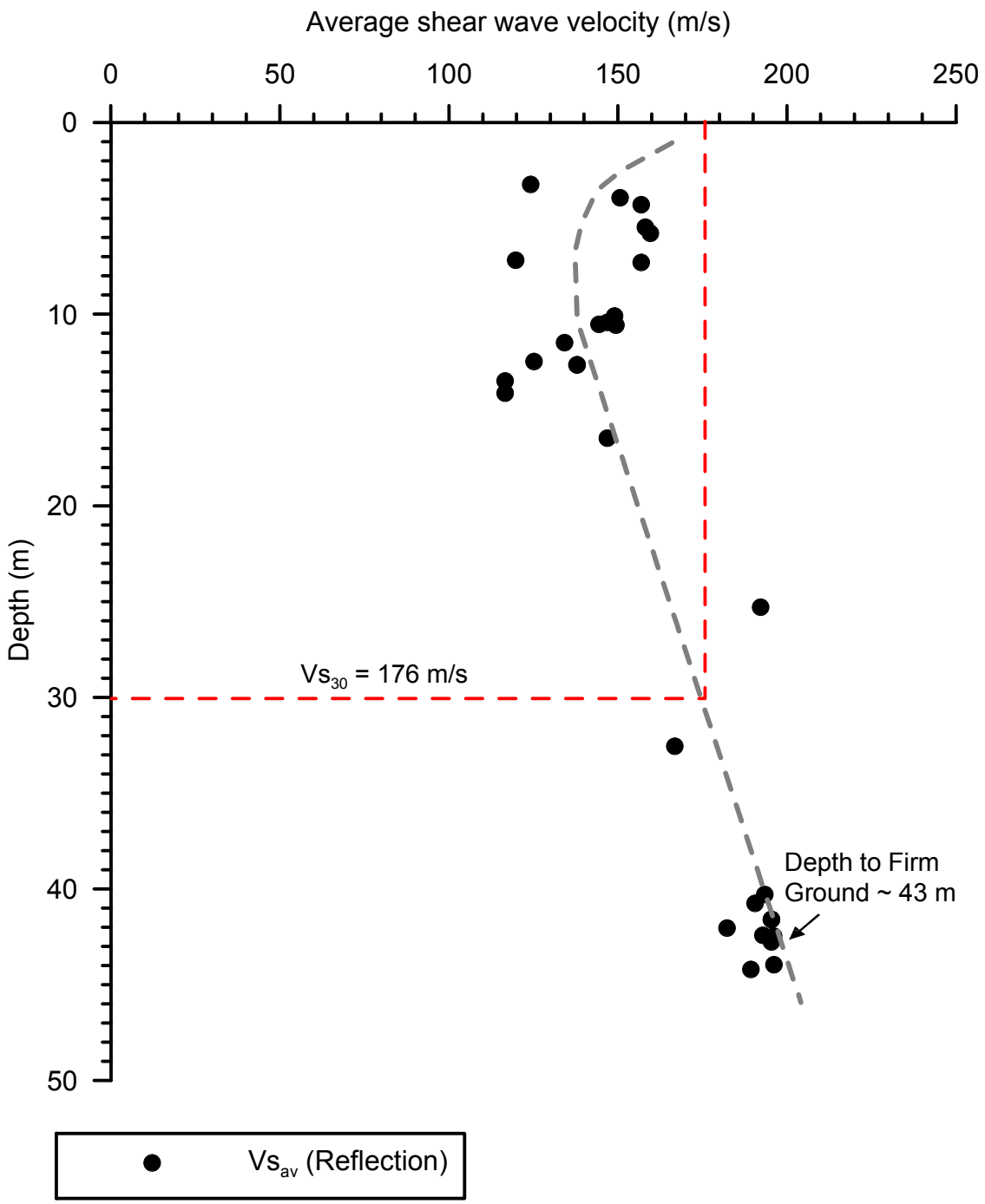
Site 046
Average Shear Wave Velocity vs. Depth



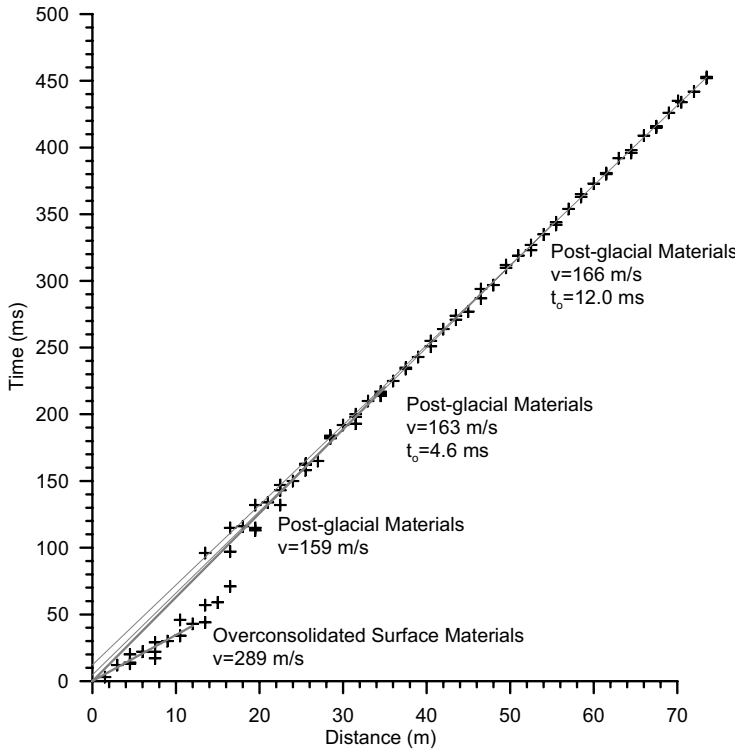
Site 046 - Forward Shots 46004 and 46005
Refraction Interpretation



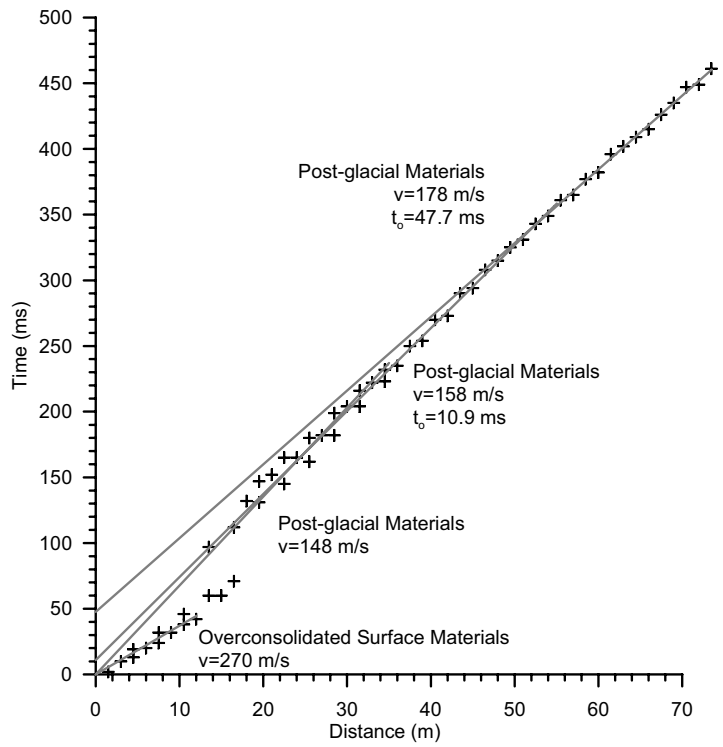
Site 047
Average Shear Wave Velocity vs. Depth



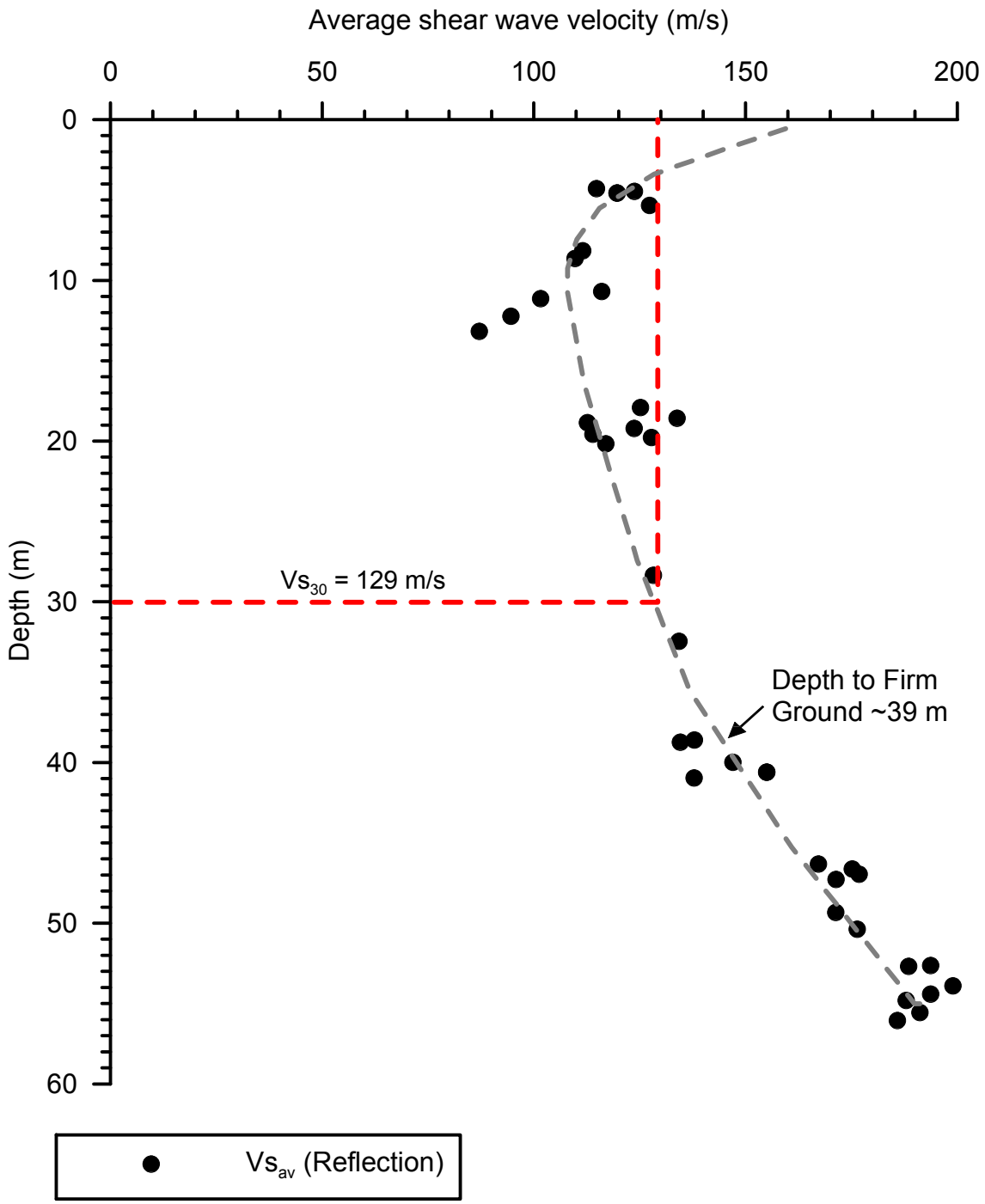
Site 047 - Forward Shots 47005 and 47006
Refraction Interpretation



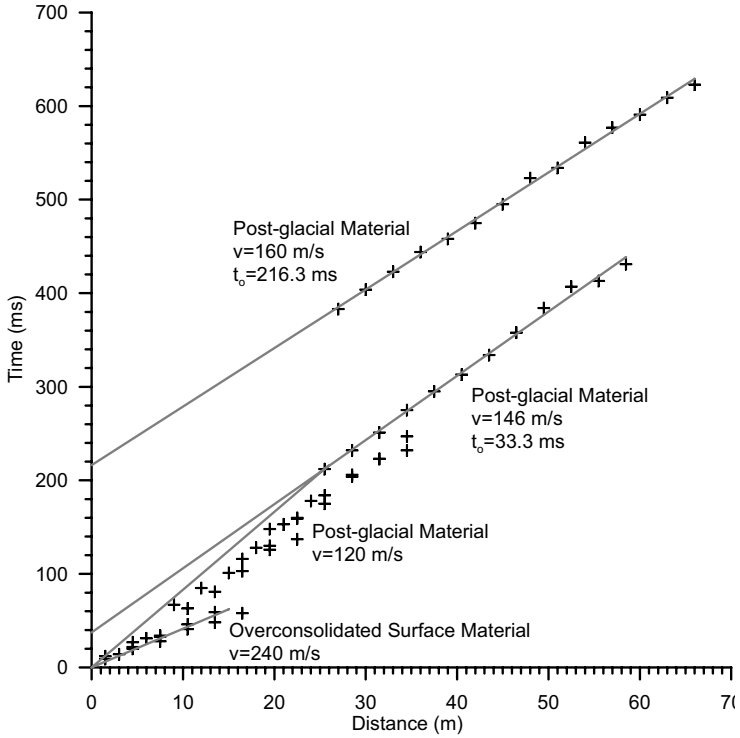
Site 047 - Reverse Shots 47002 and 47003
Refraction Interpretation



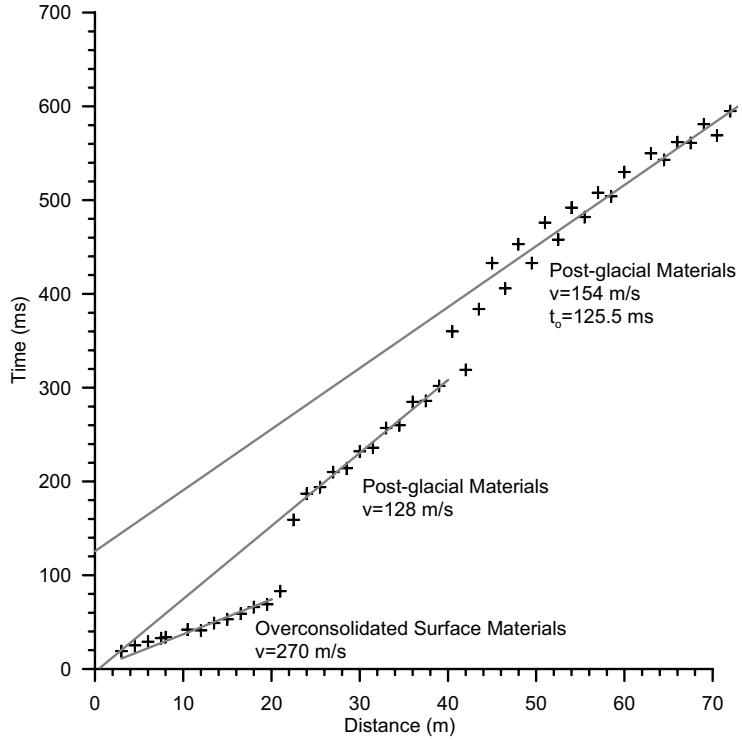
Site 048
Average Shear Wave Velocity vs. Depth



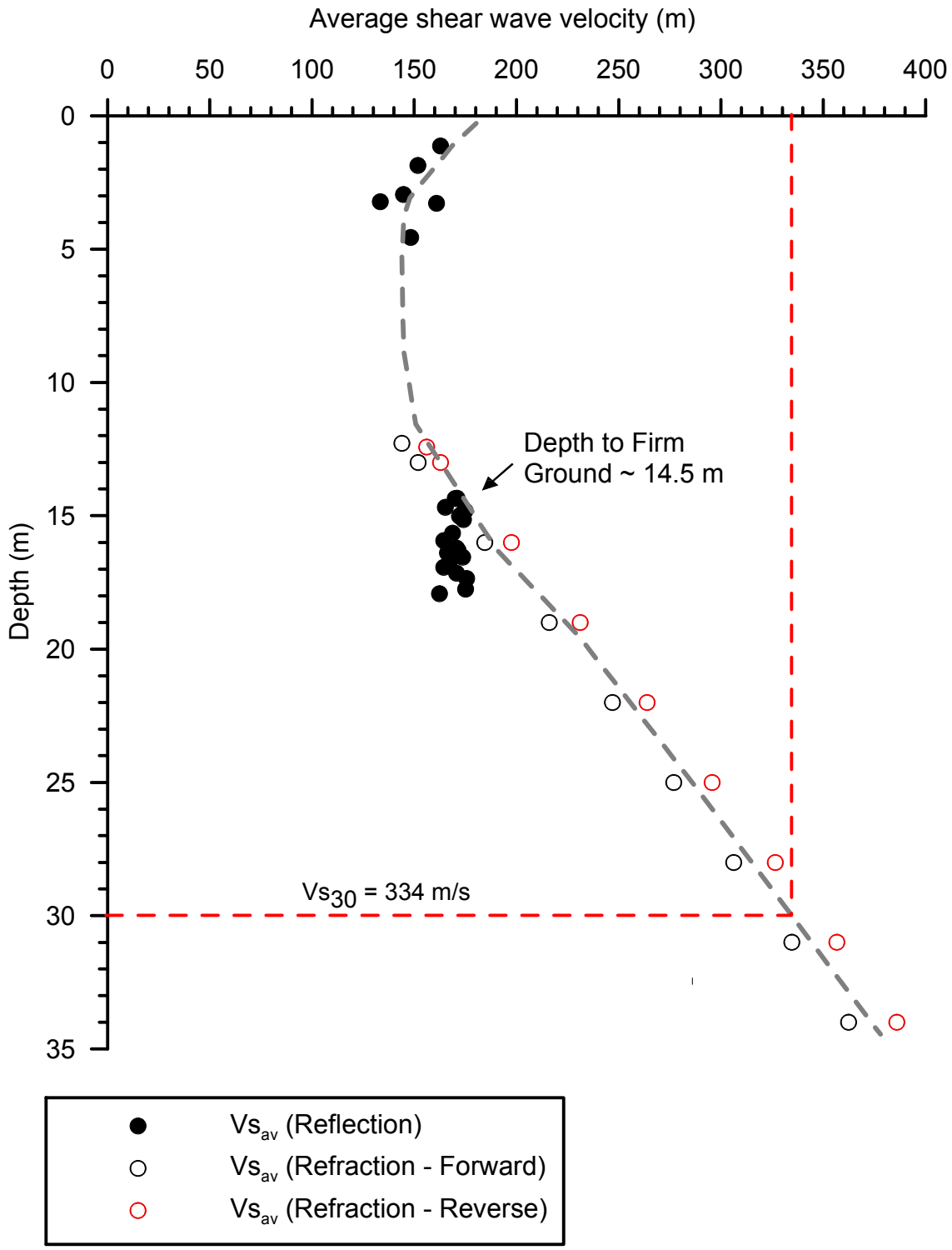
Site 048 - Forward Shots 48004 and 48005
Refraction Interpretation



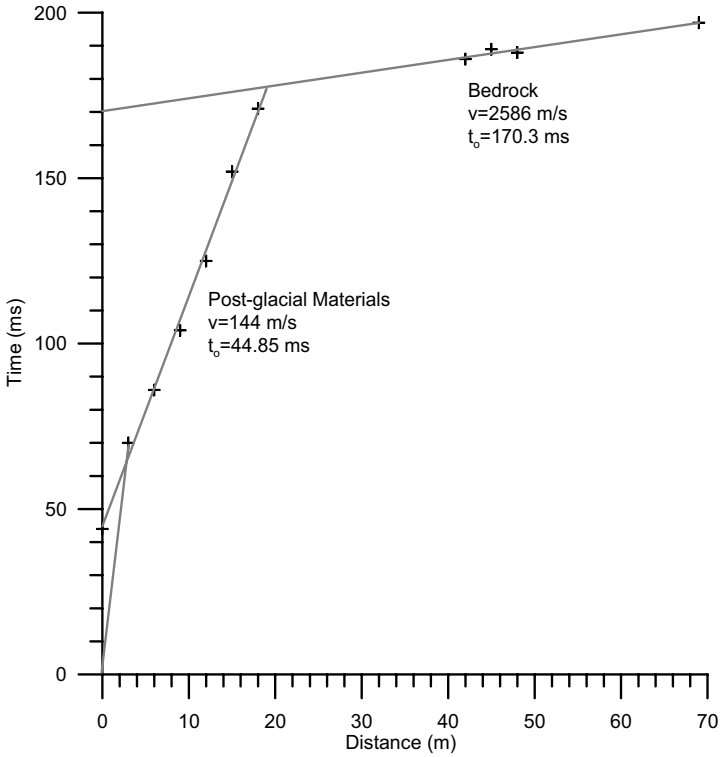
Site 048 - Reverse Shots 48001 and 48002
Refraction Interpretation



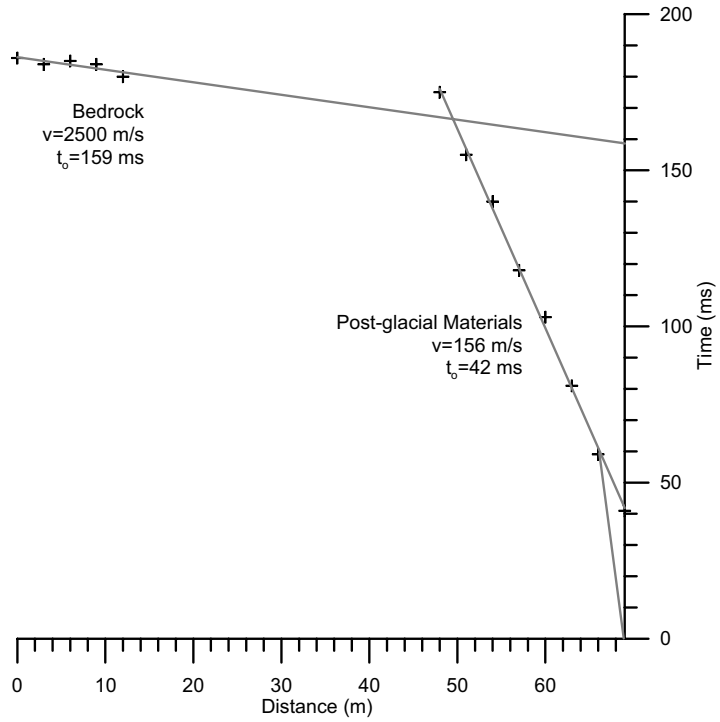
Site 049
Average Shear Wave Velocity vs. Depth



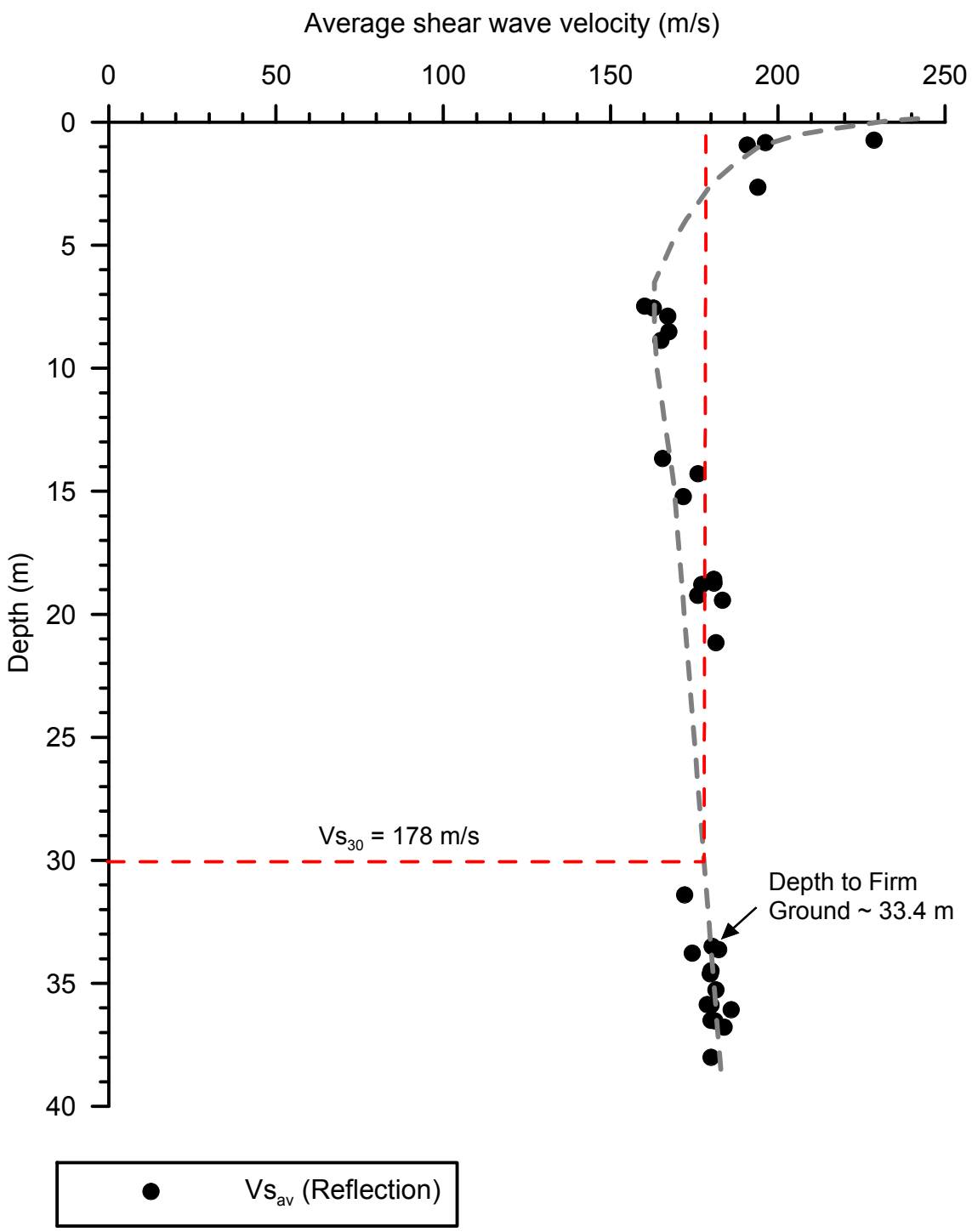
Site 049 - Forward Shot 49005
Refraction Interpretation



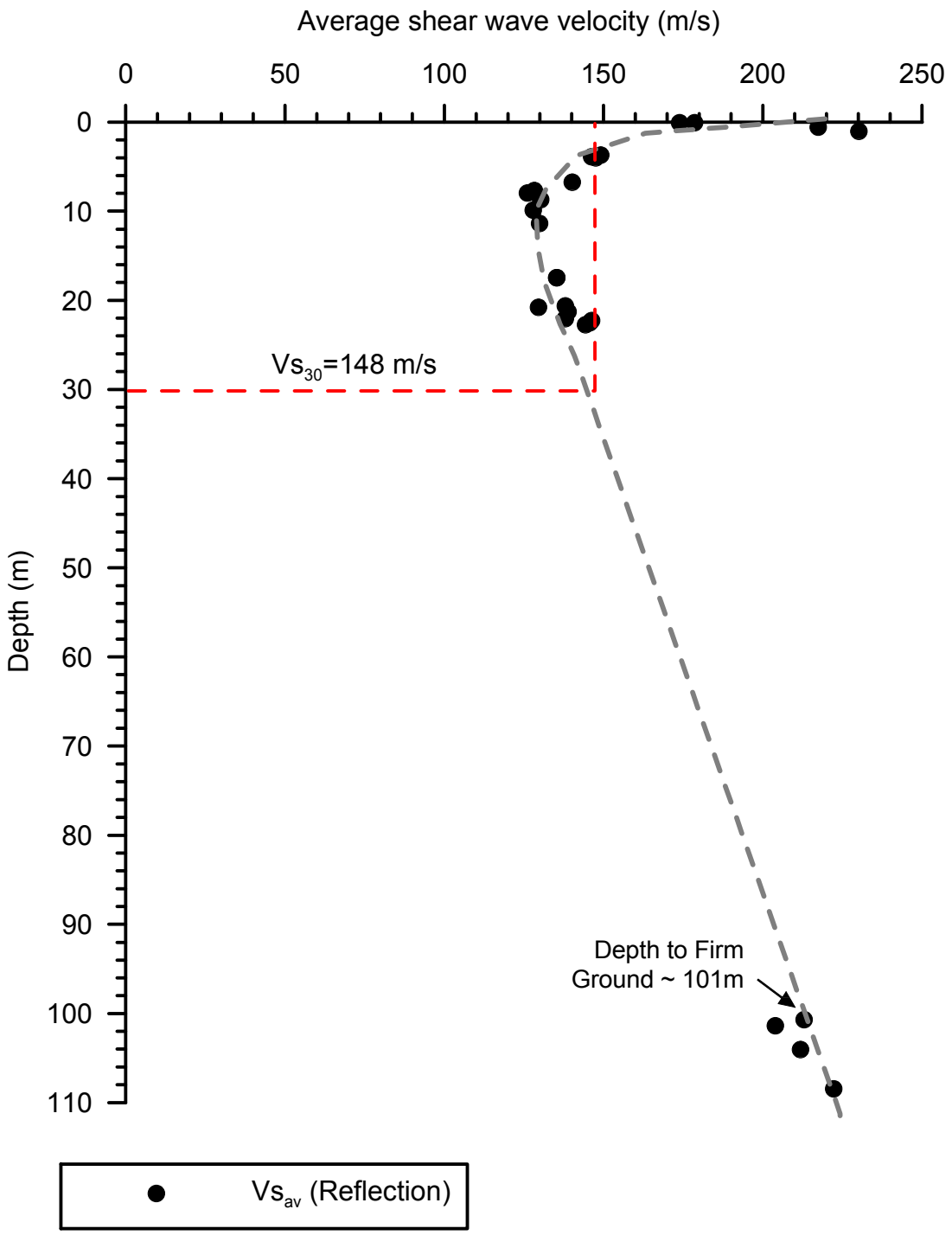
Site 049 - Reverse Shot 49001
Refraction Interpretation



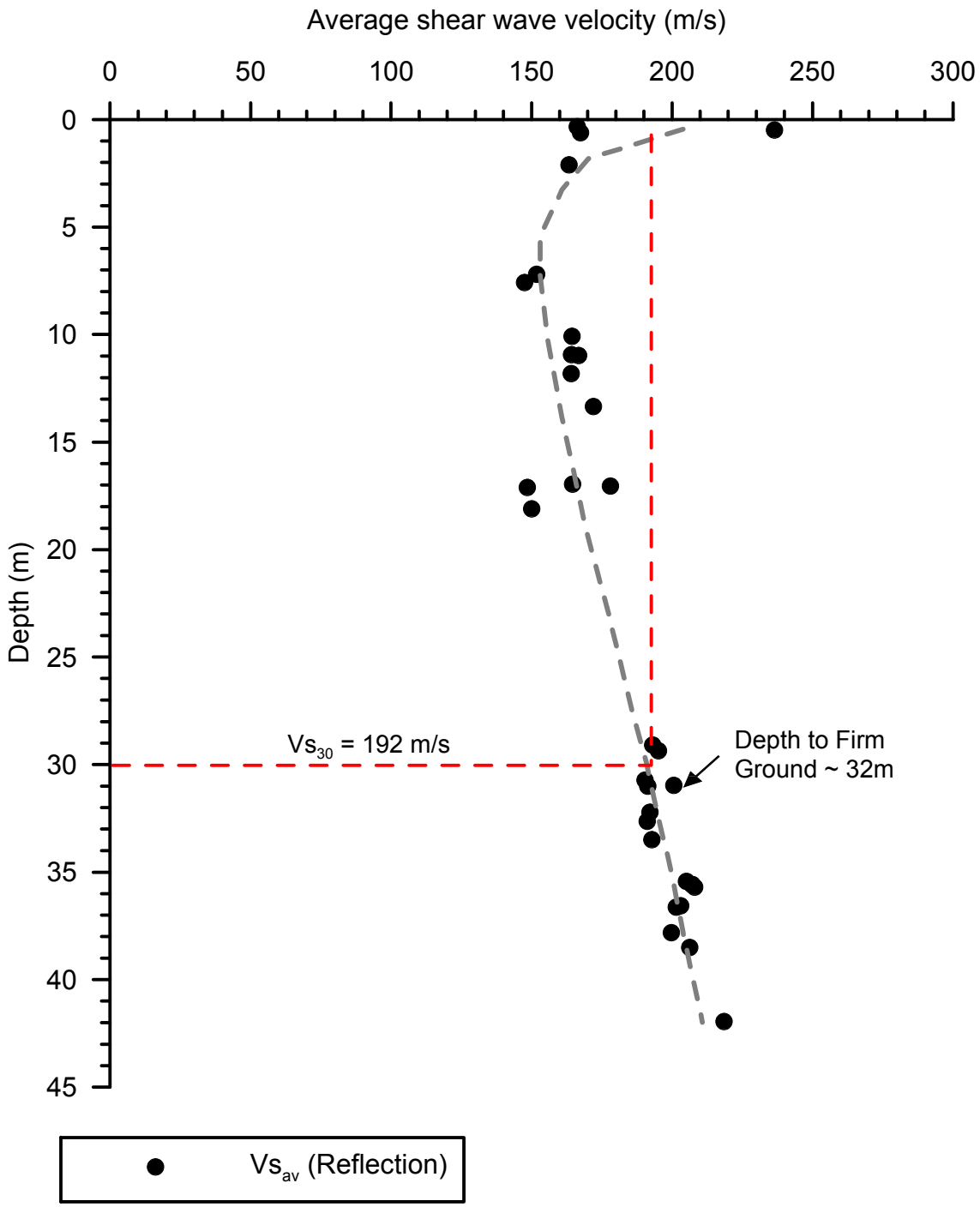
Site 050
Average Shear Wave Velocity vs. Depth



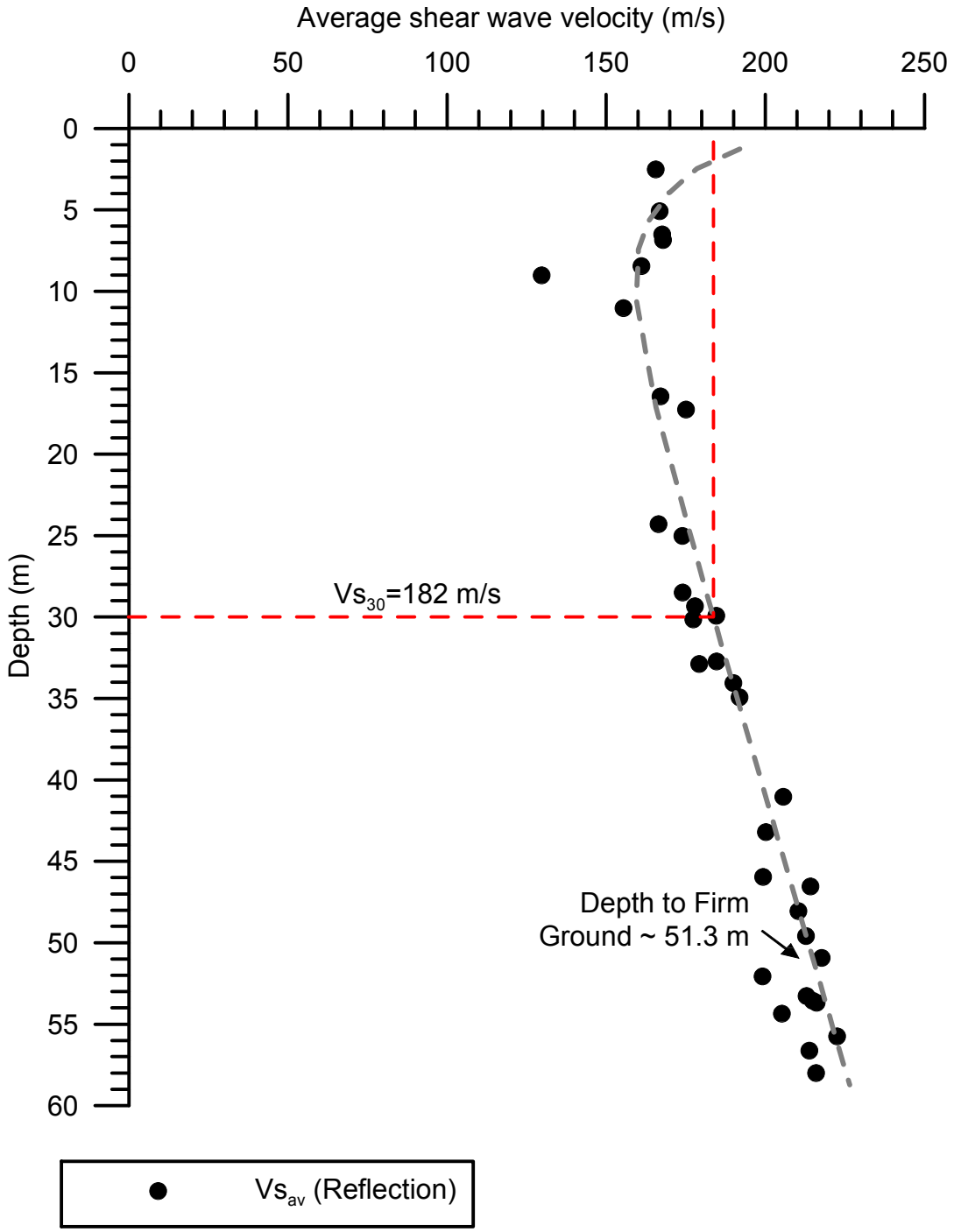
Site 051
Average Shear Wave Velocity vs. Depth



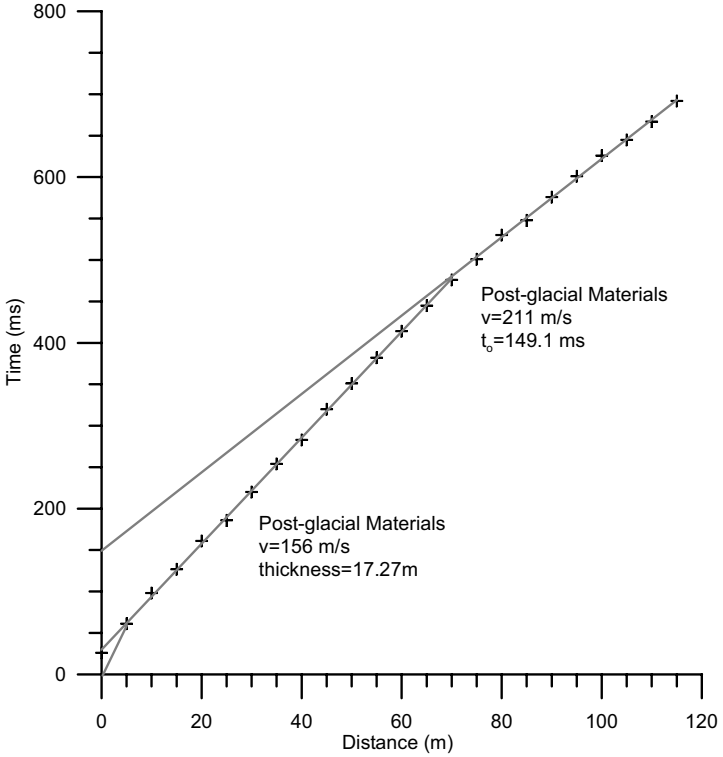
Site 052
Average Shear Wave Velocity vs. Depth



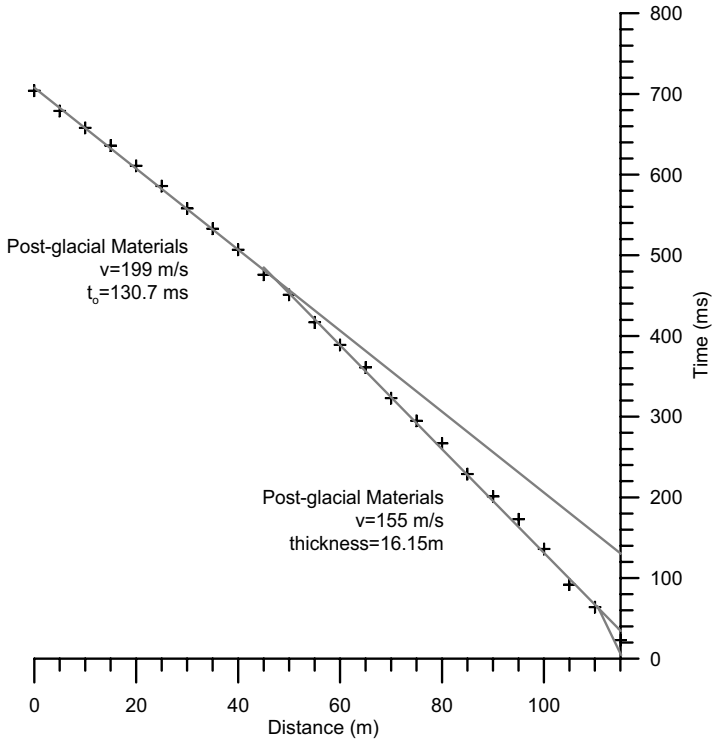
Site 053
Average Shear Wave Velocity vs. Depth



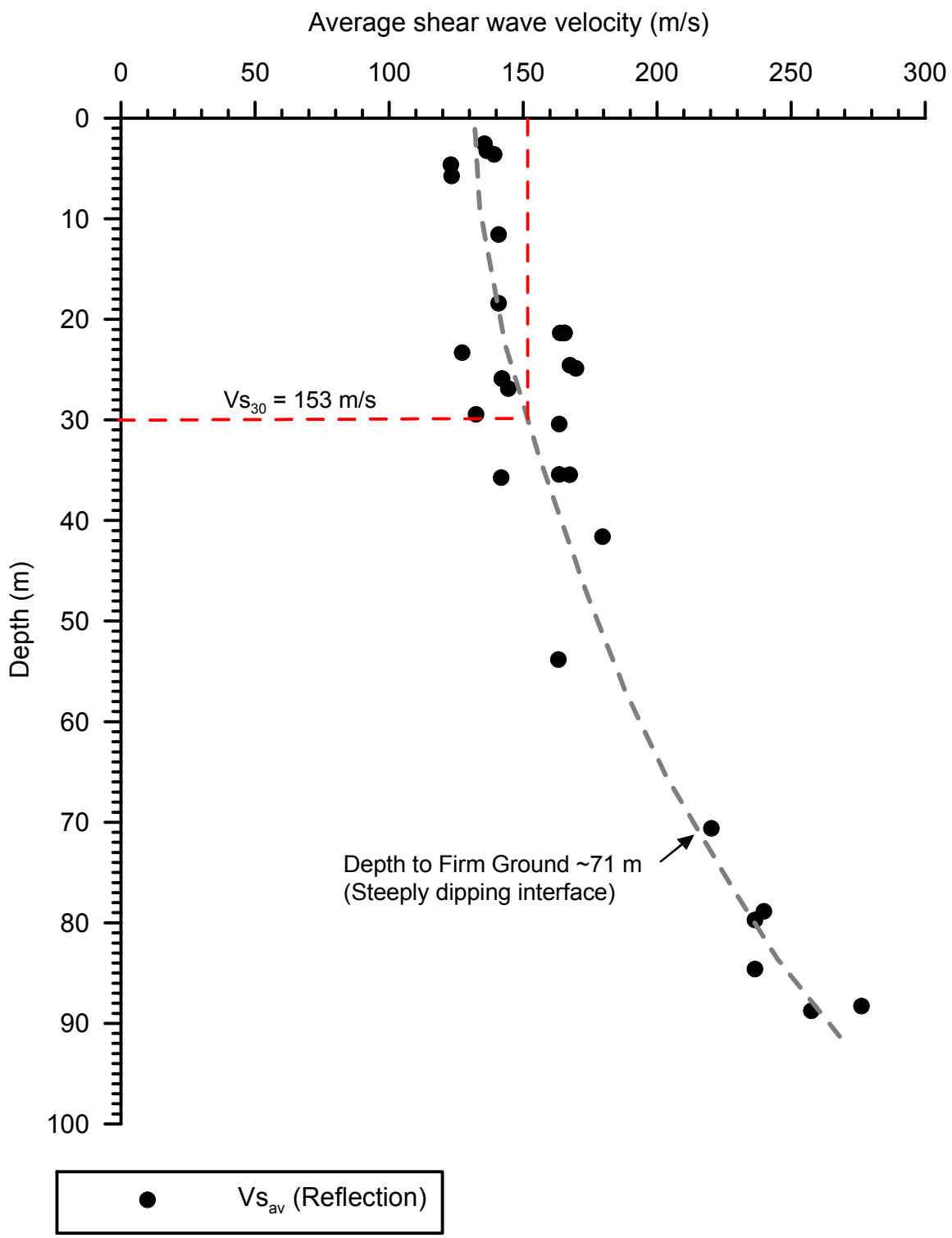
Site 053 - Forward Shot 53005
Refraction Interpretation



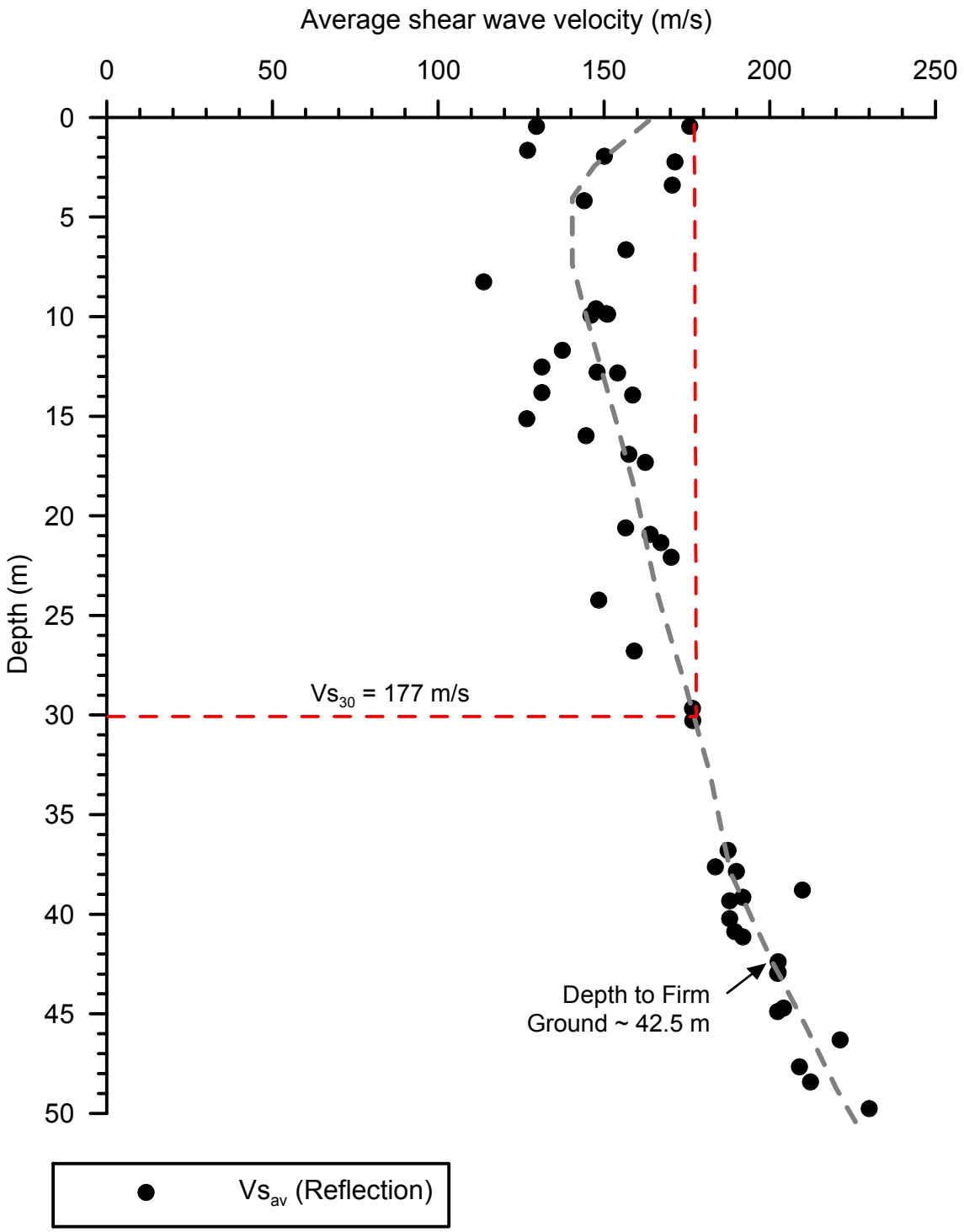
Site 053 - Reverse Shot 53001
Refraction Interpretation



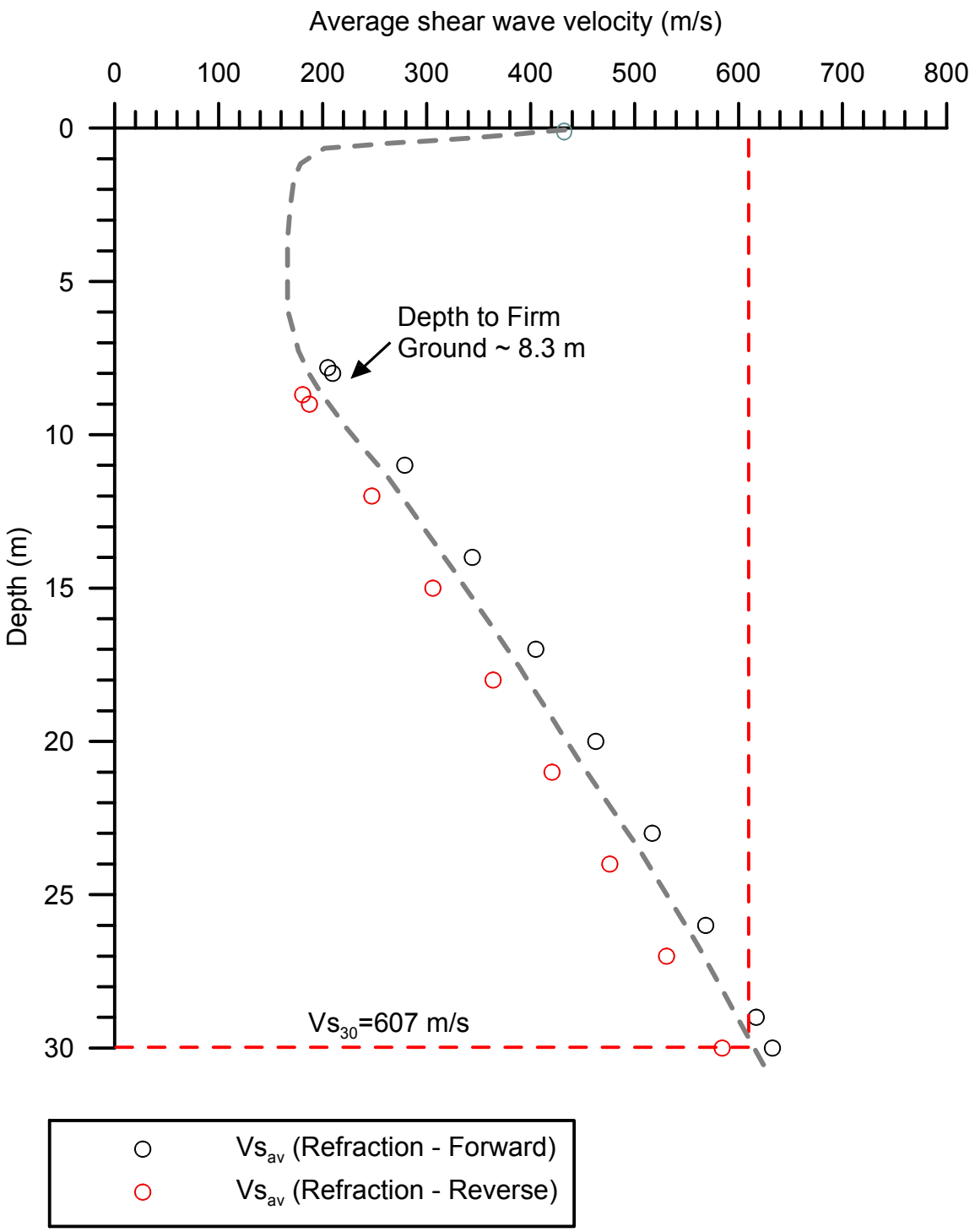
Site 054
Average Shear Wave Velocity vs. Depth



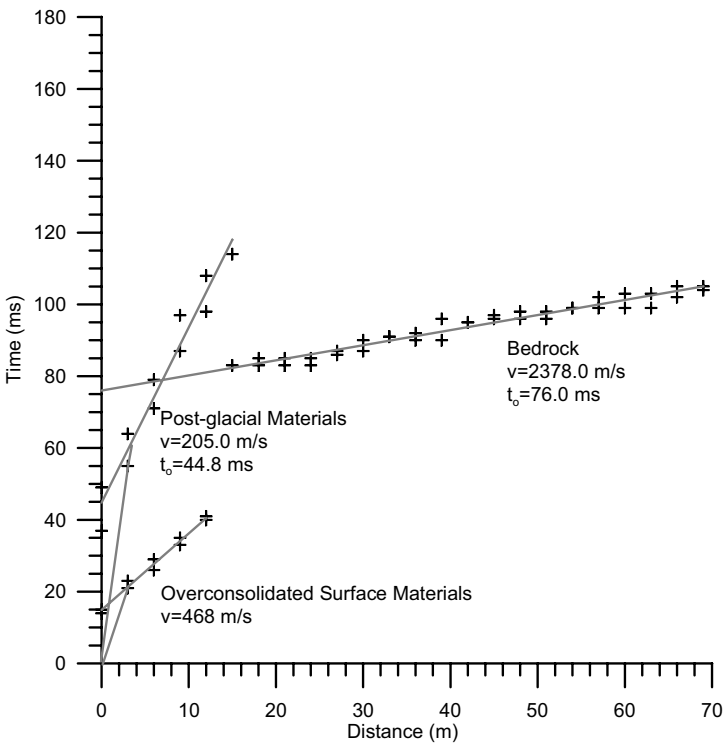
Site 055
Average Shear Wave Velocity vs. Depth



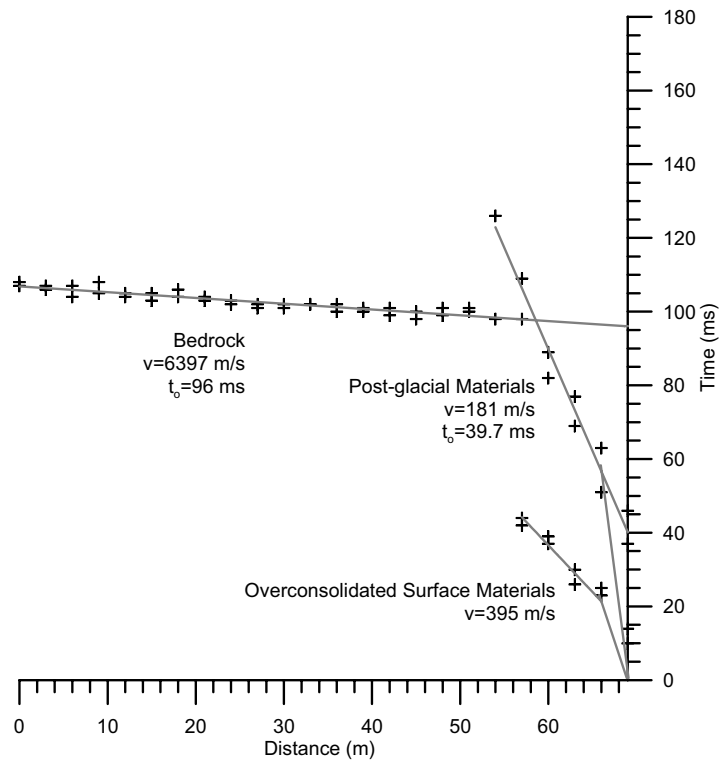
Site 056
Average Shear Wave Velocity vs. Depth



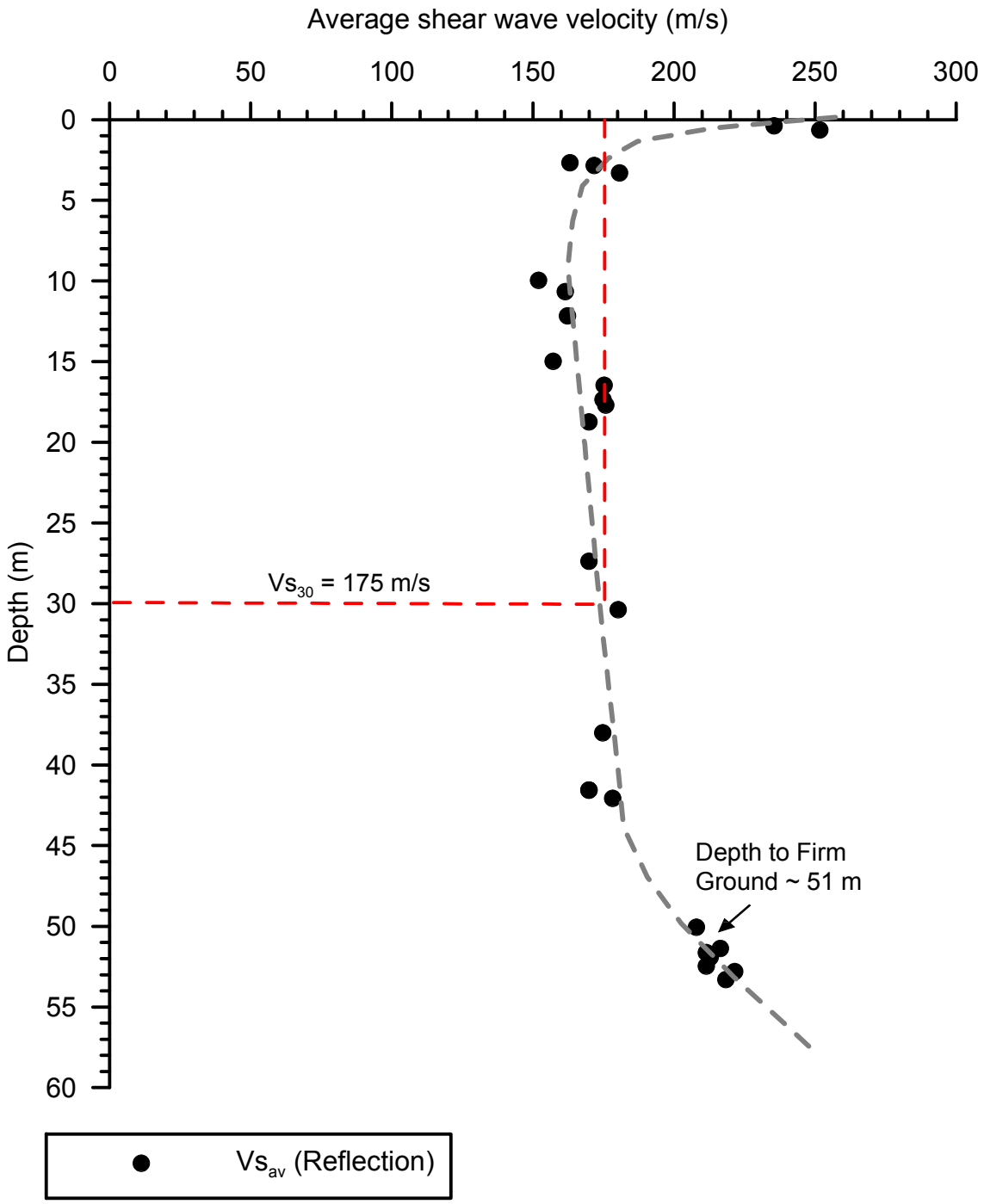
Site 056 - Forward Shots 56004 and 56005
Refraction Interpretation



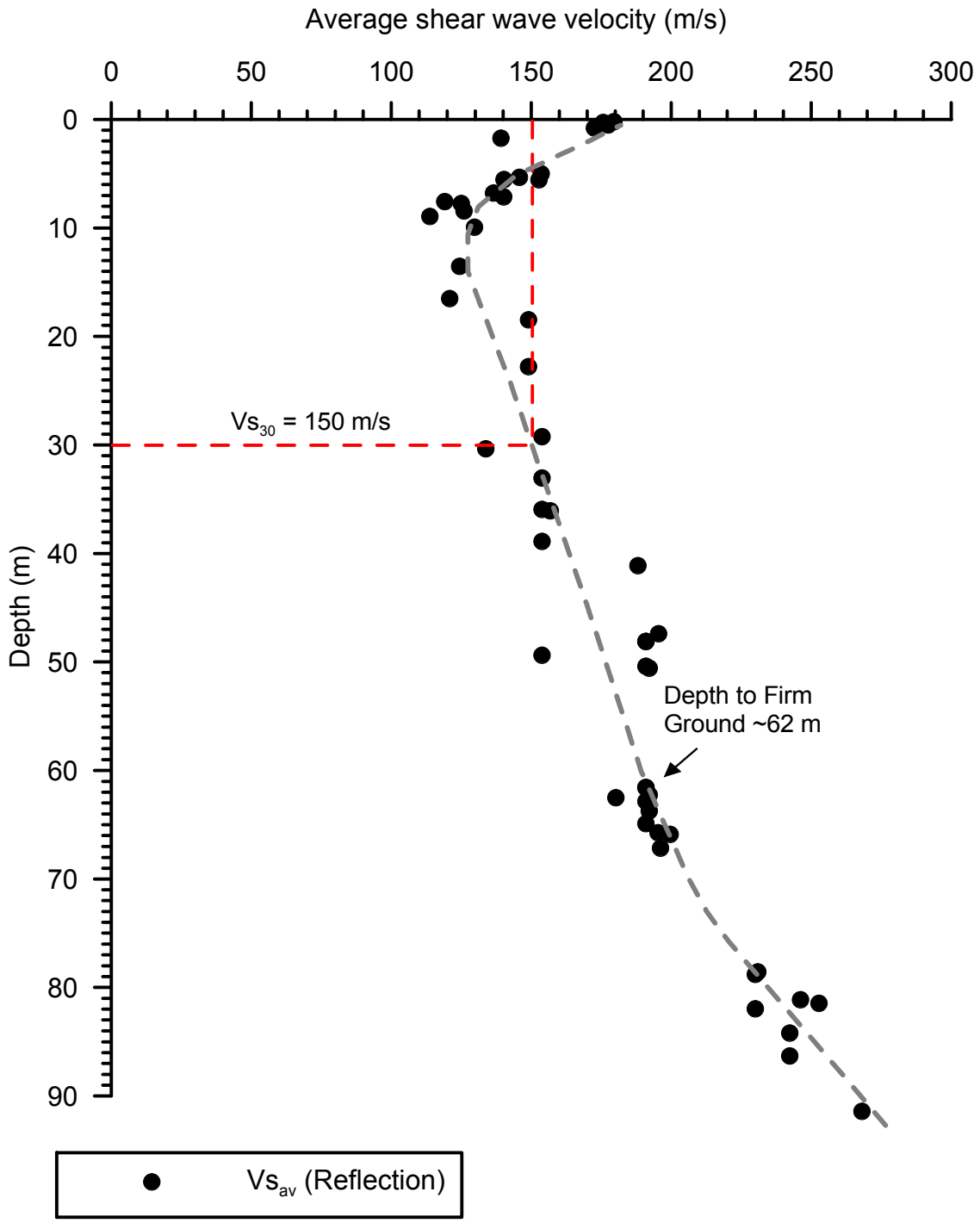
Site 056 - Reverse Shots 56001 and 56002
Refraction Interpretation



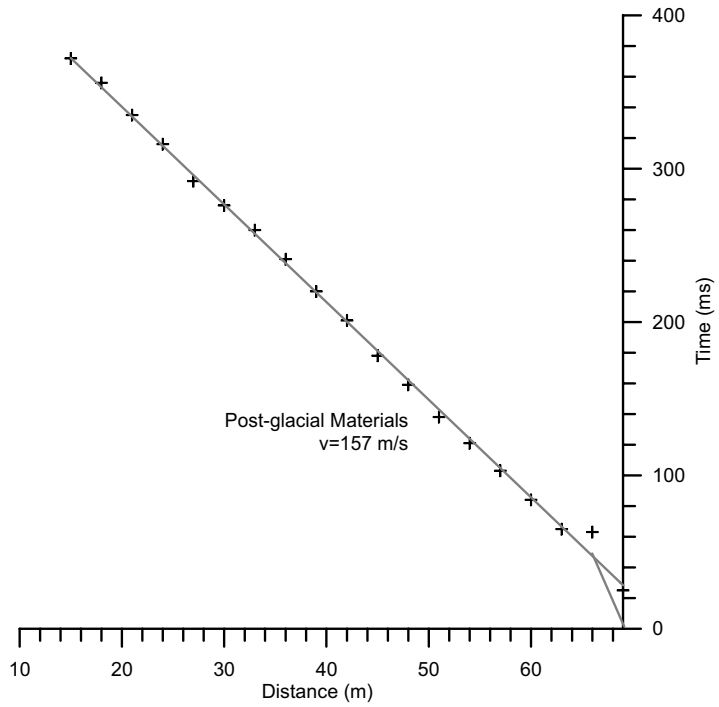
Site 057
Average Shear Wave Velocity vs. Depth



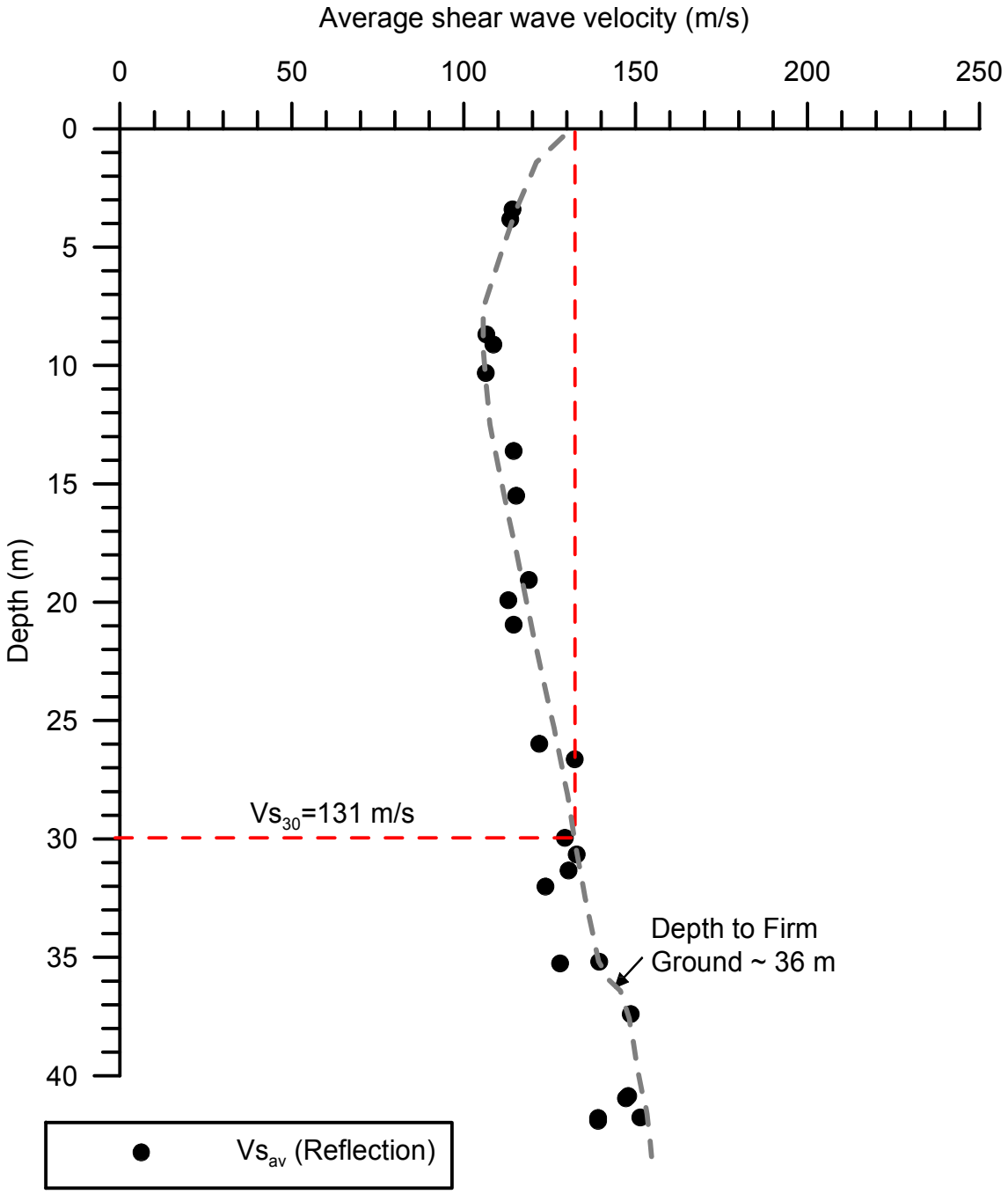
Site 058
Average Shear Wave Velocity vs. Depth



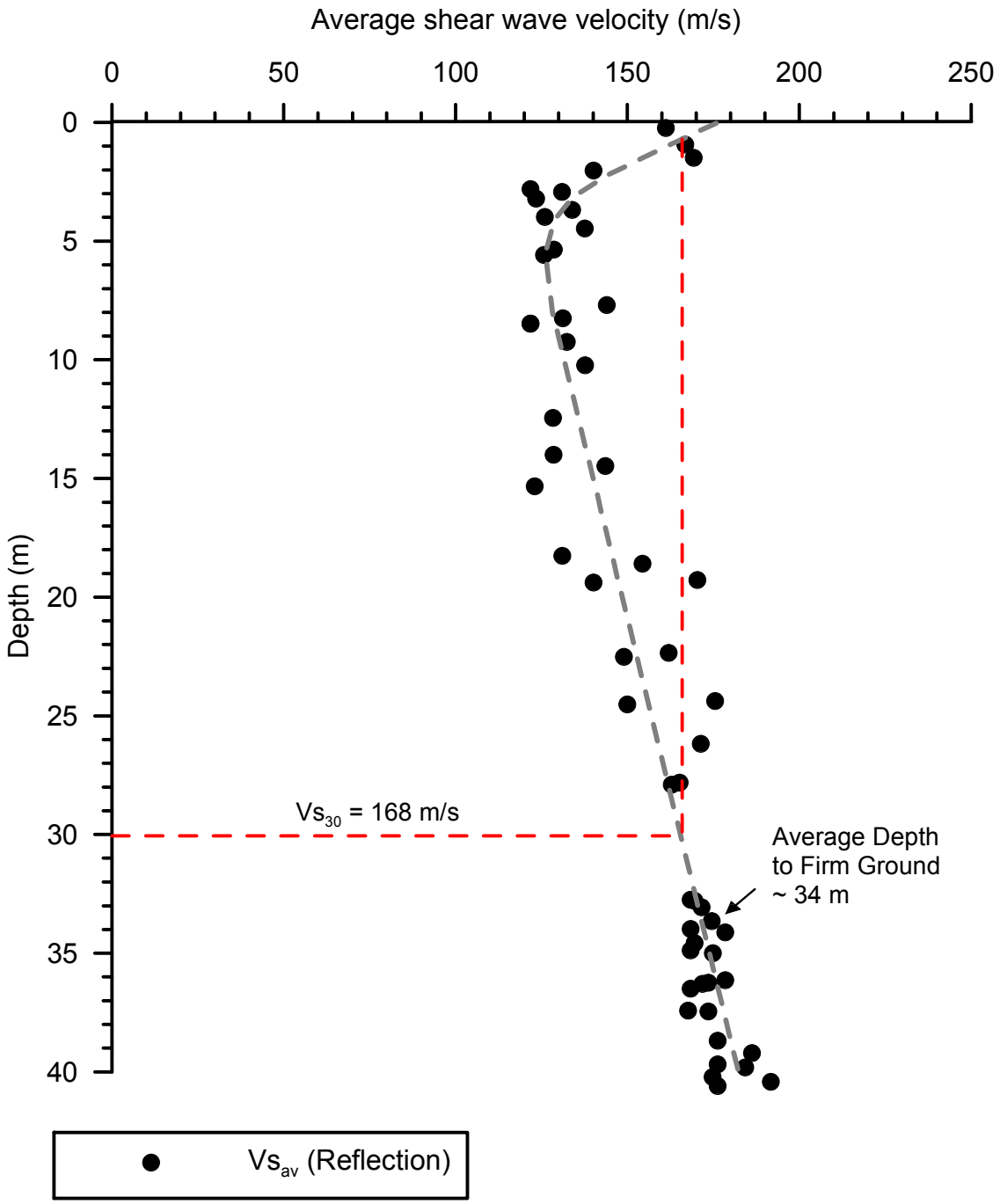
Site 058 - Reverse Shot 58001
Refraction Interpretation



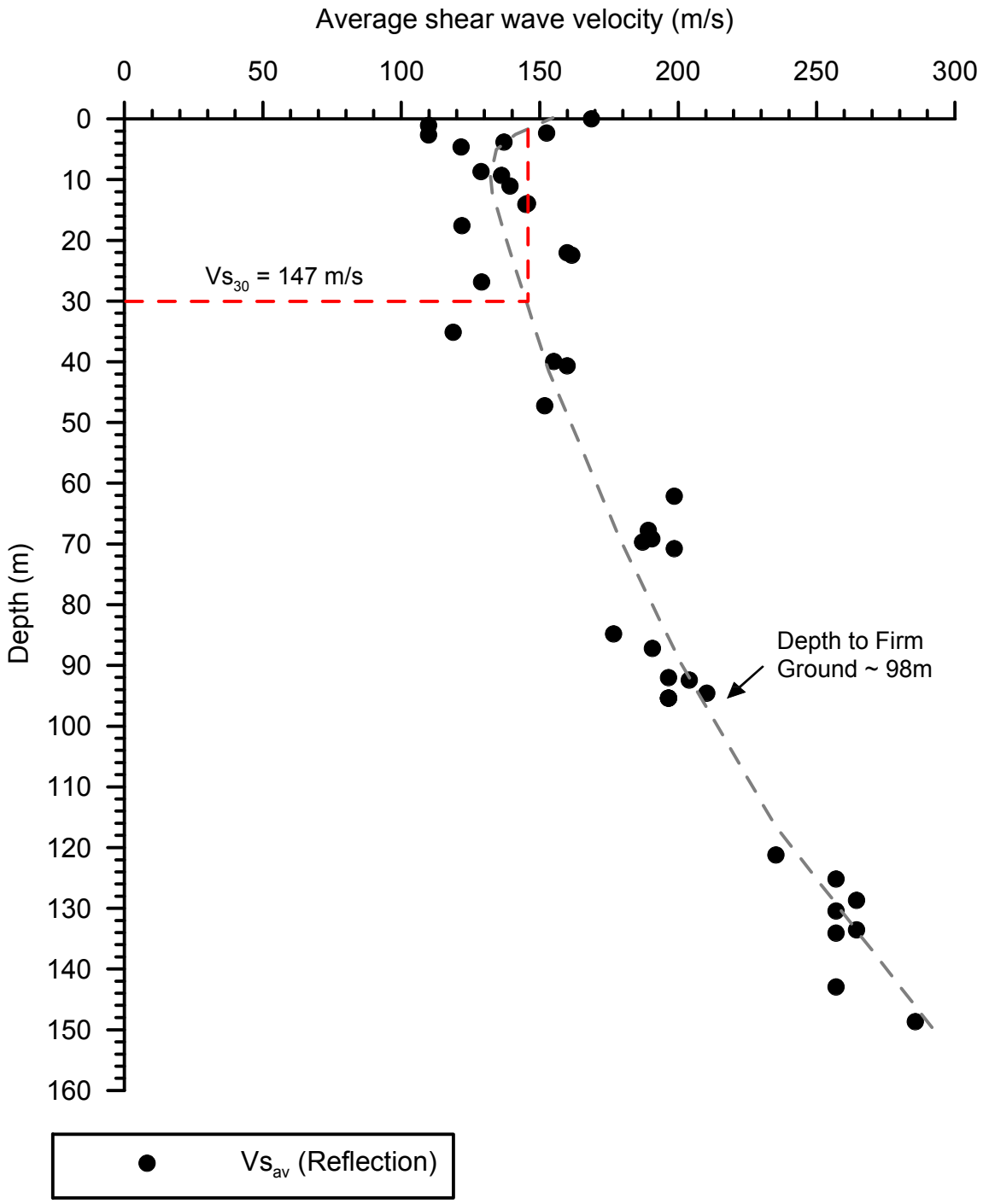
Site 59R
Average Shear Wave Velocity vs. Depth



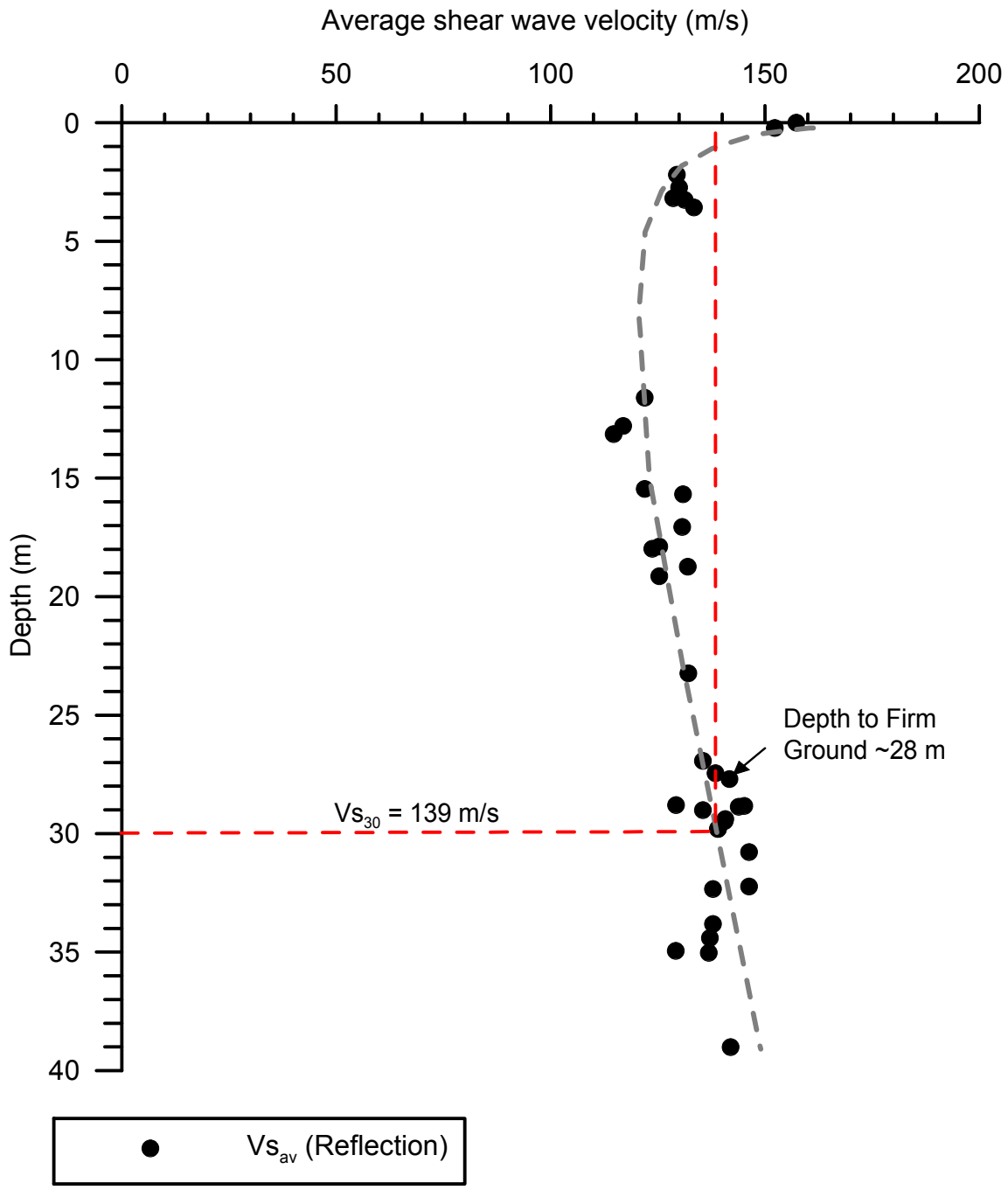
Site 060
Average Shear Wave Velocity vs. Depth



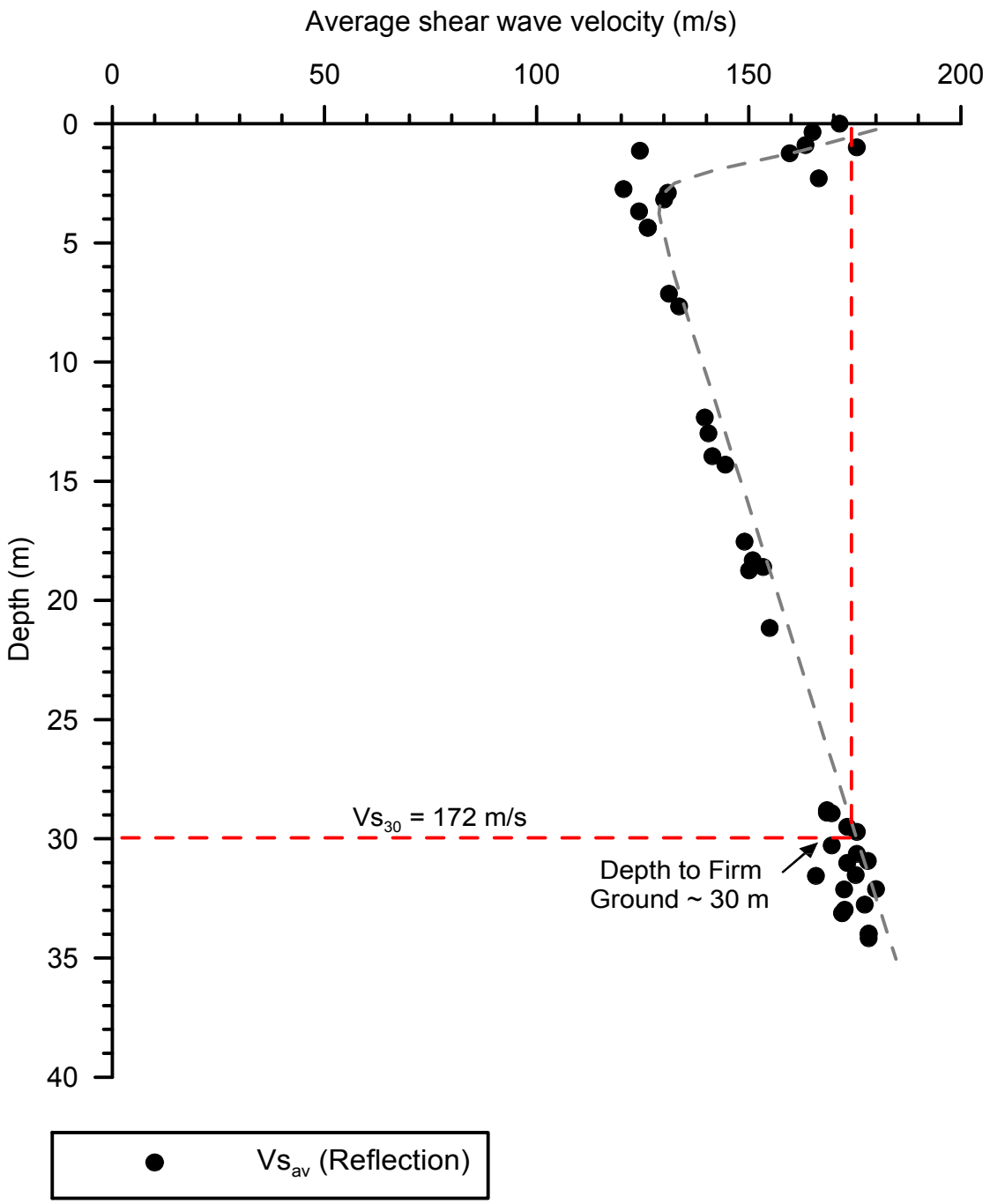
Site 061
Average Shear Wave Velocity vs. Depth



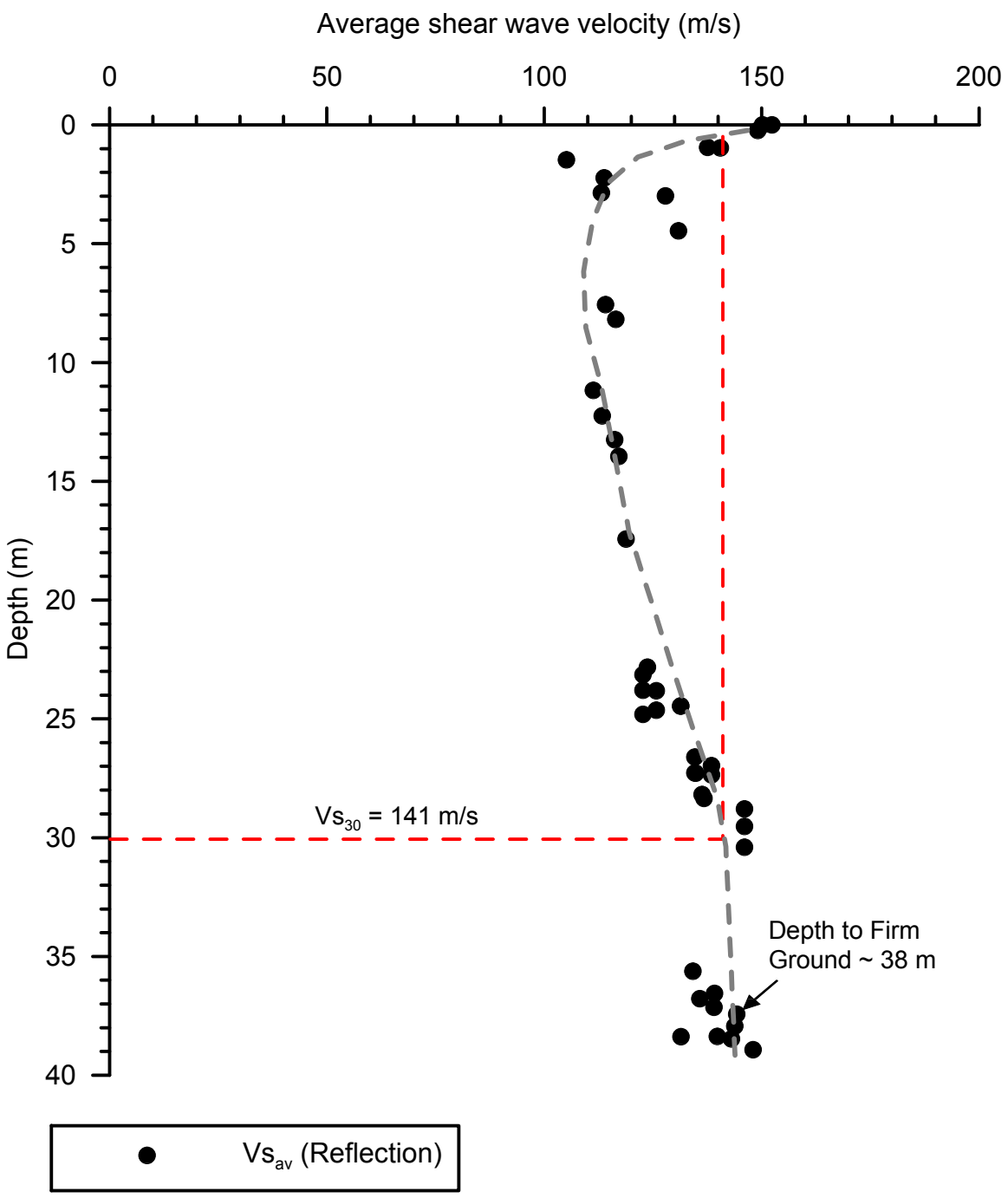
Site 062
Average Shear Wave Velocity vs. Depth



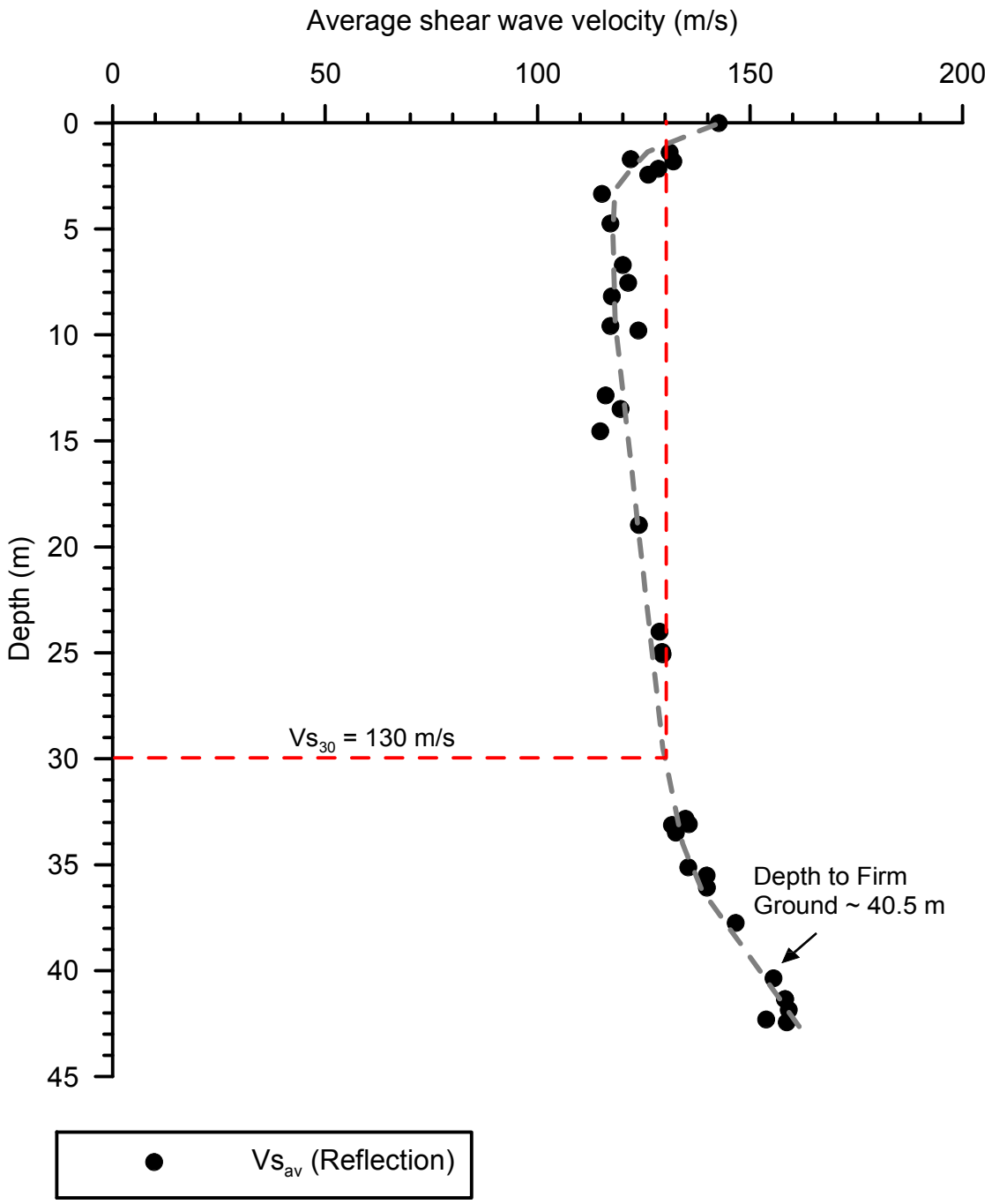
Site 063
Average Shear Wave Velocity vs. Depth



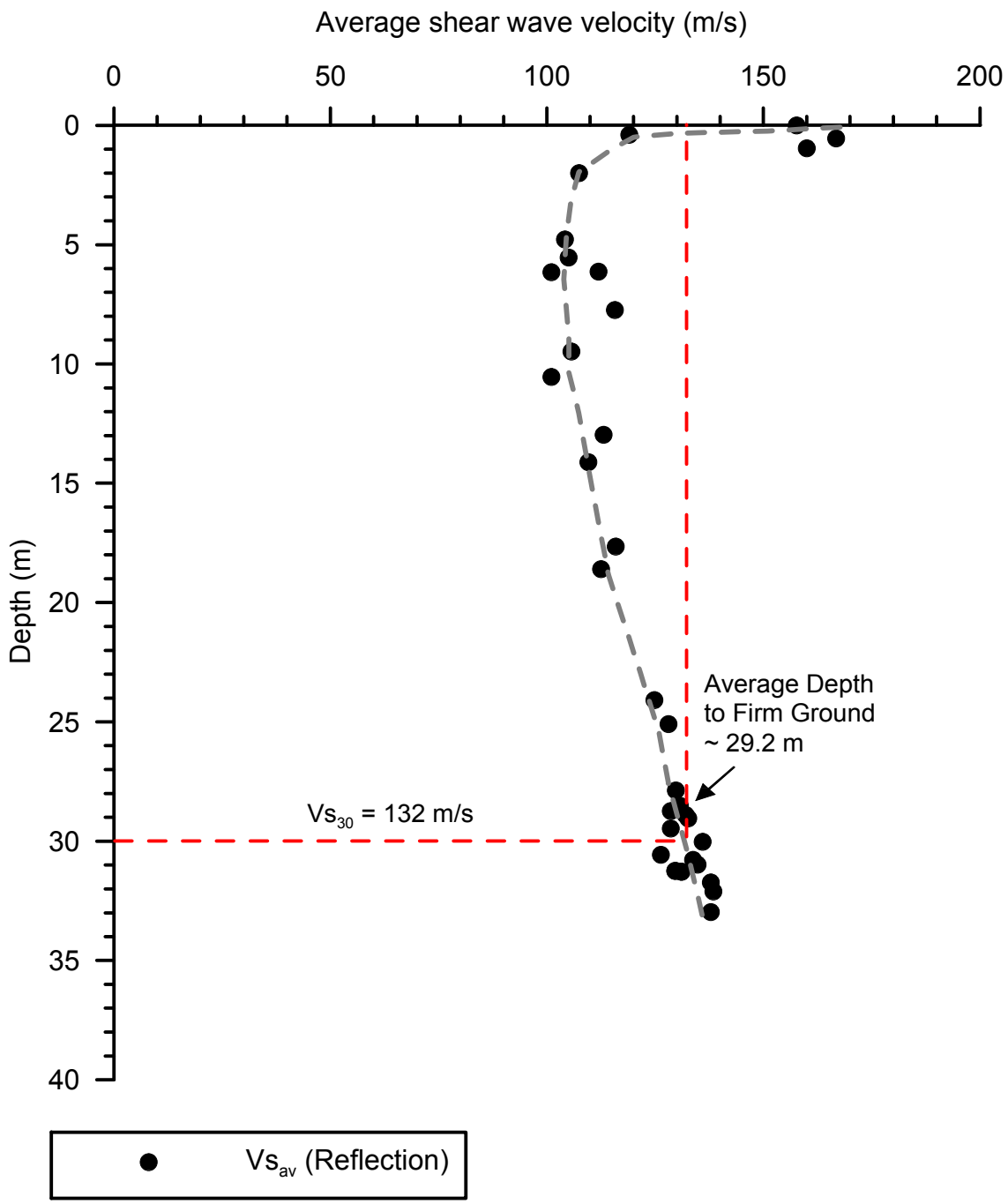
Site 068
Average Shear Wave Velocity vs. Depth



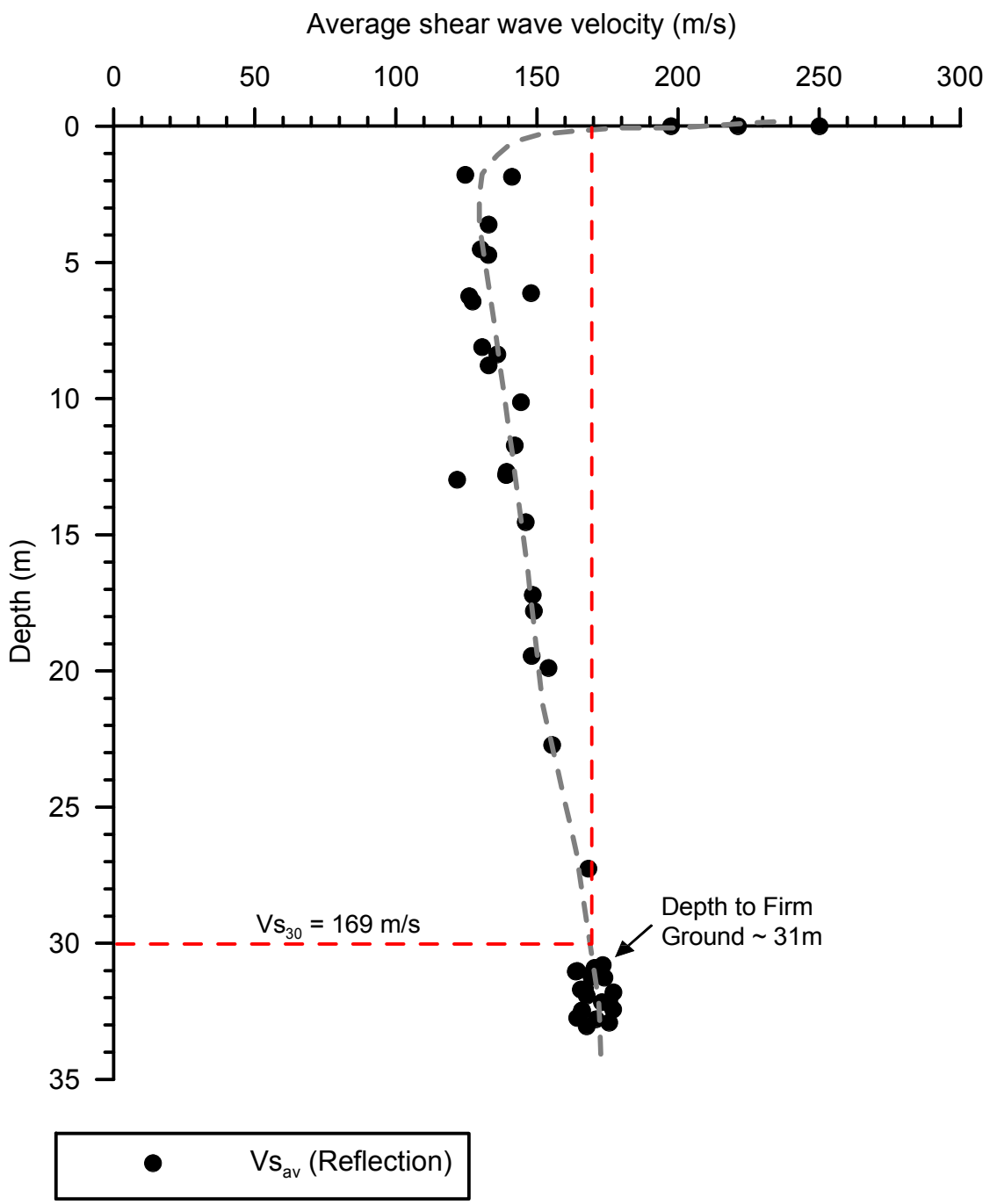
Site 069
Average Shear Wave Velocity vs. Depth



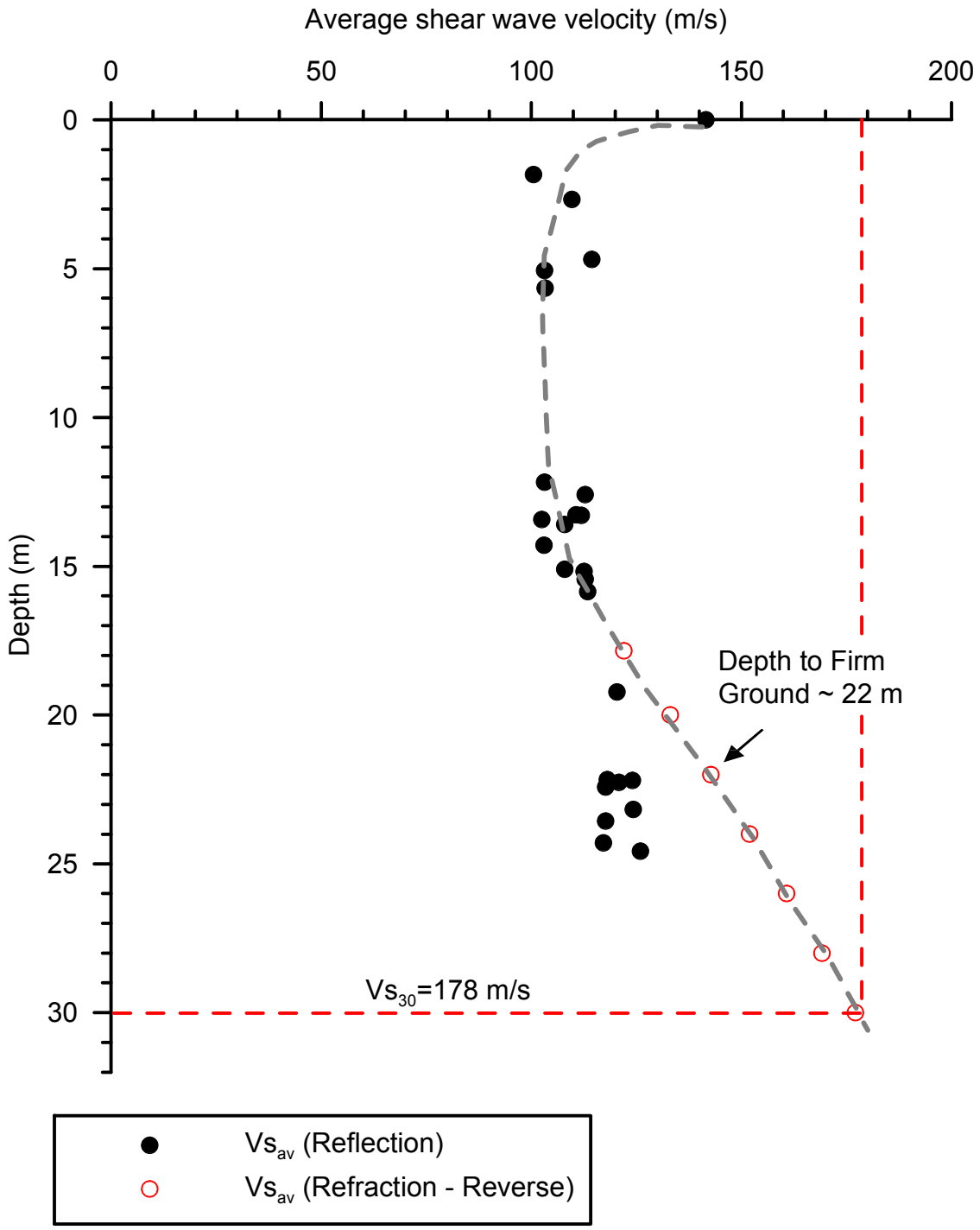
Site 070
Average Shear Wave Velocity vs. Depth



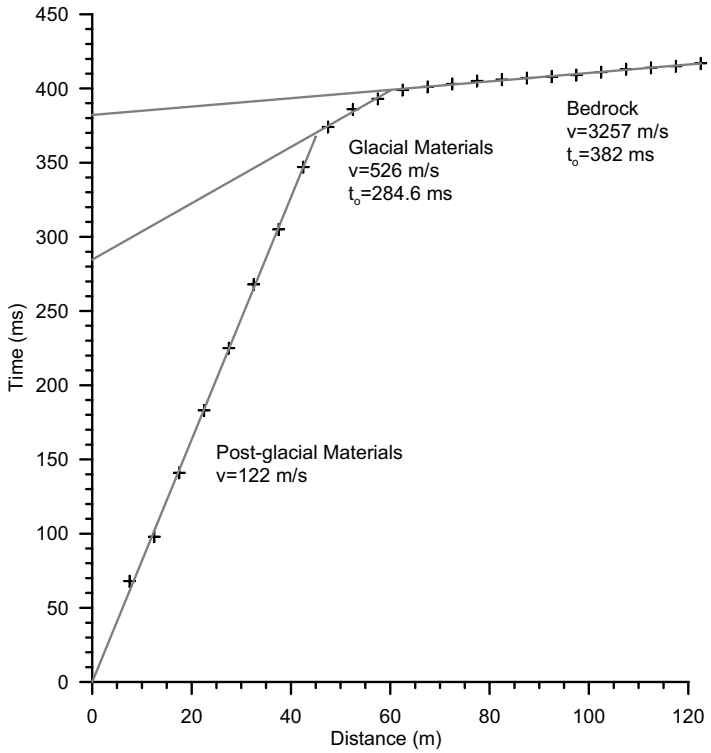
Site 071
Average Shear Wave Velocity vs. Depth



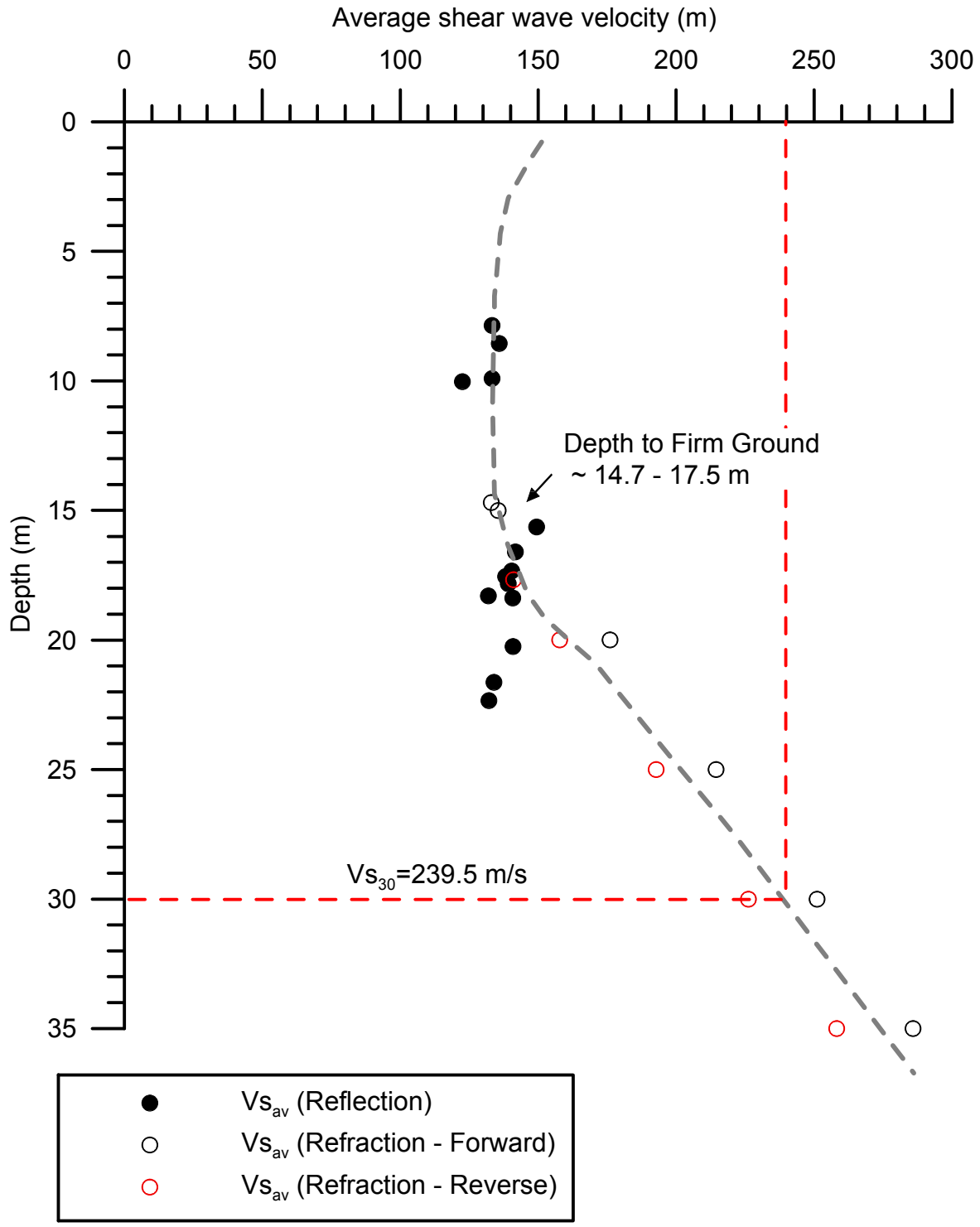
Site 072
Average Shear Wave Velocity vs. Depth



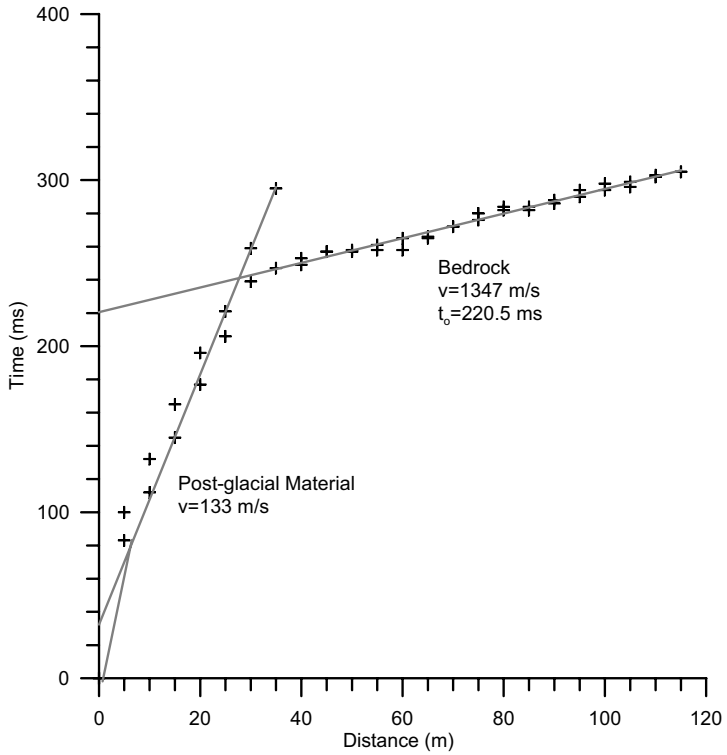
Site 072 - Reverse Shots 72001 and 72002
Refraction Interpretation



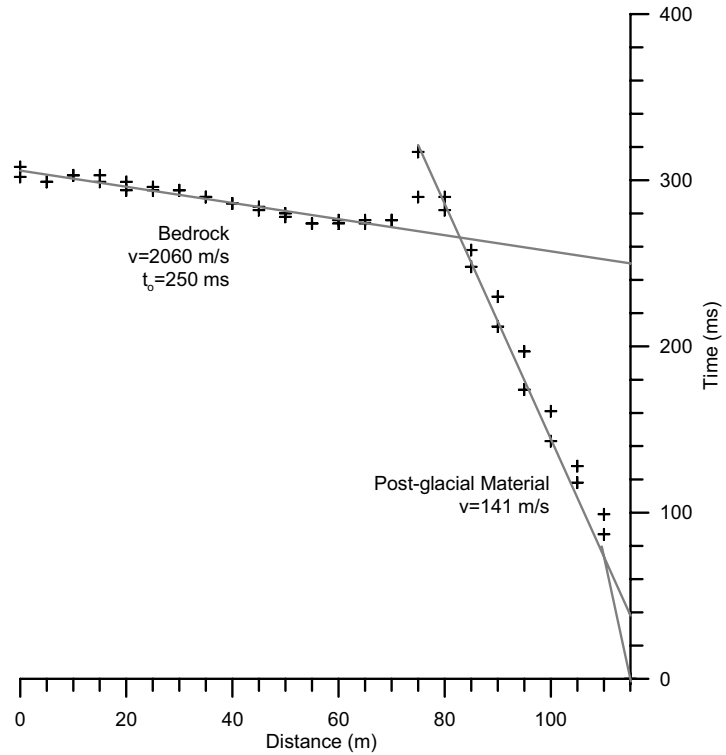
Site 073
Average Shear Wave Velocity vs. Depth



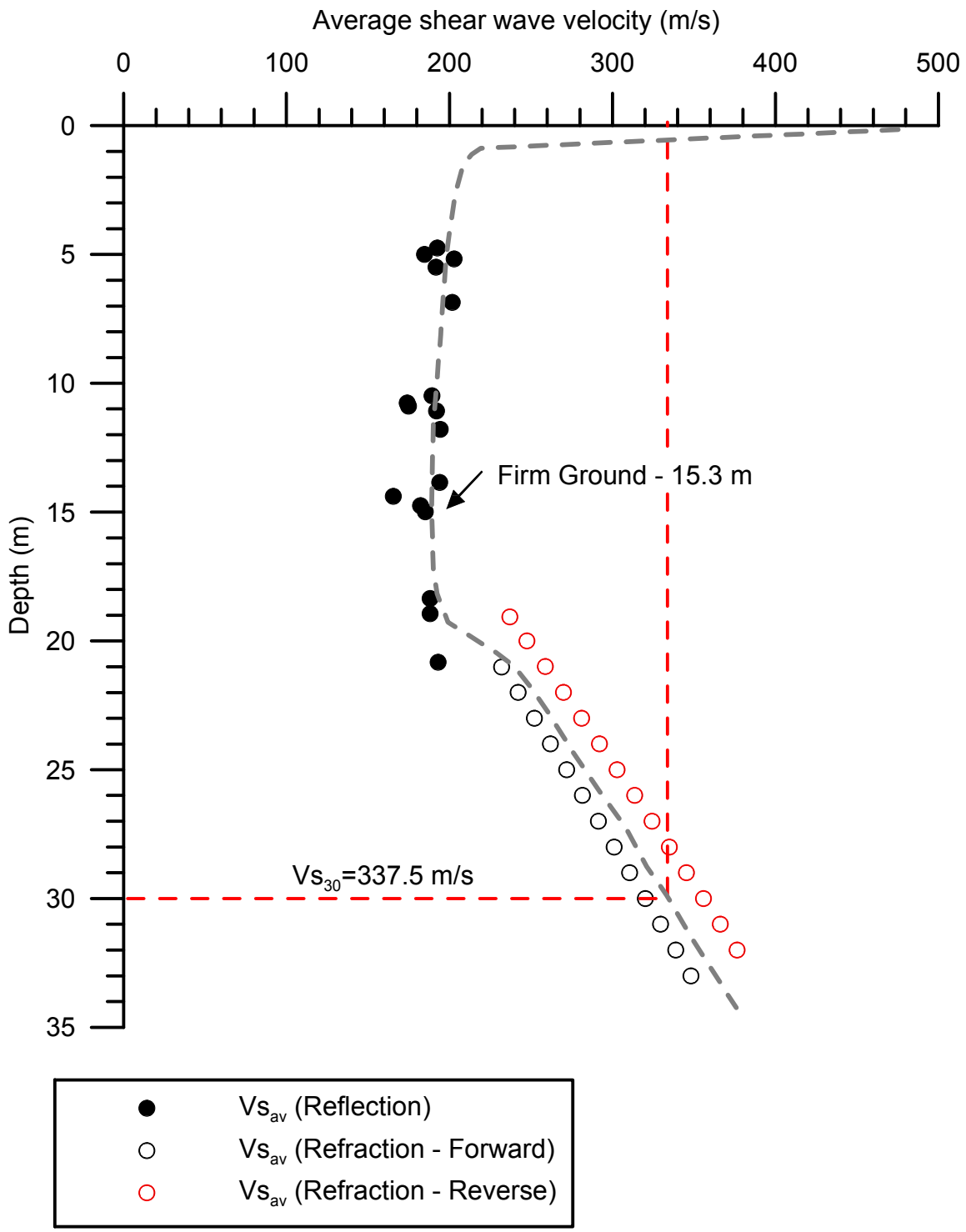
Site 073 - Forward Shots 73004 and 73005
Refraction Interpretation



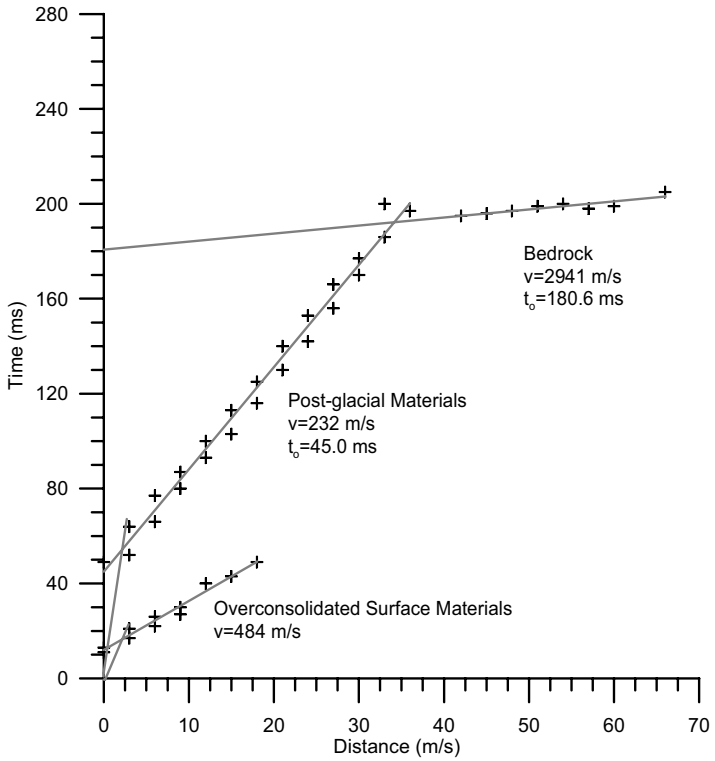
Site 073 - Reverse Shots 73001 and 73002
Refraction Interpretation



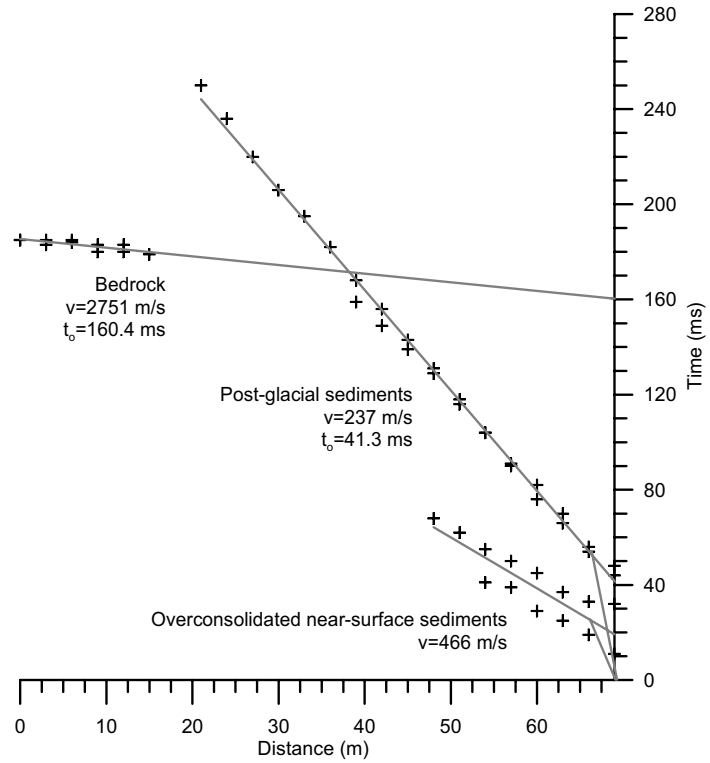
Site 242
Average Shear Wave Velocity vs Depth



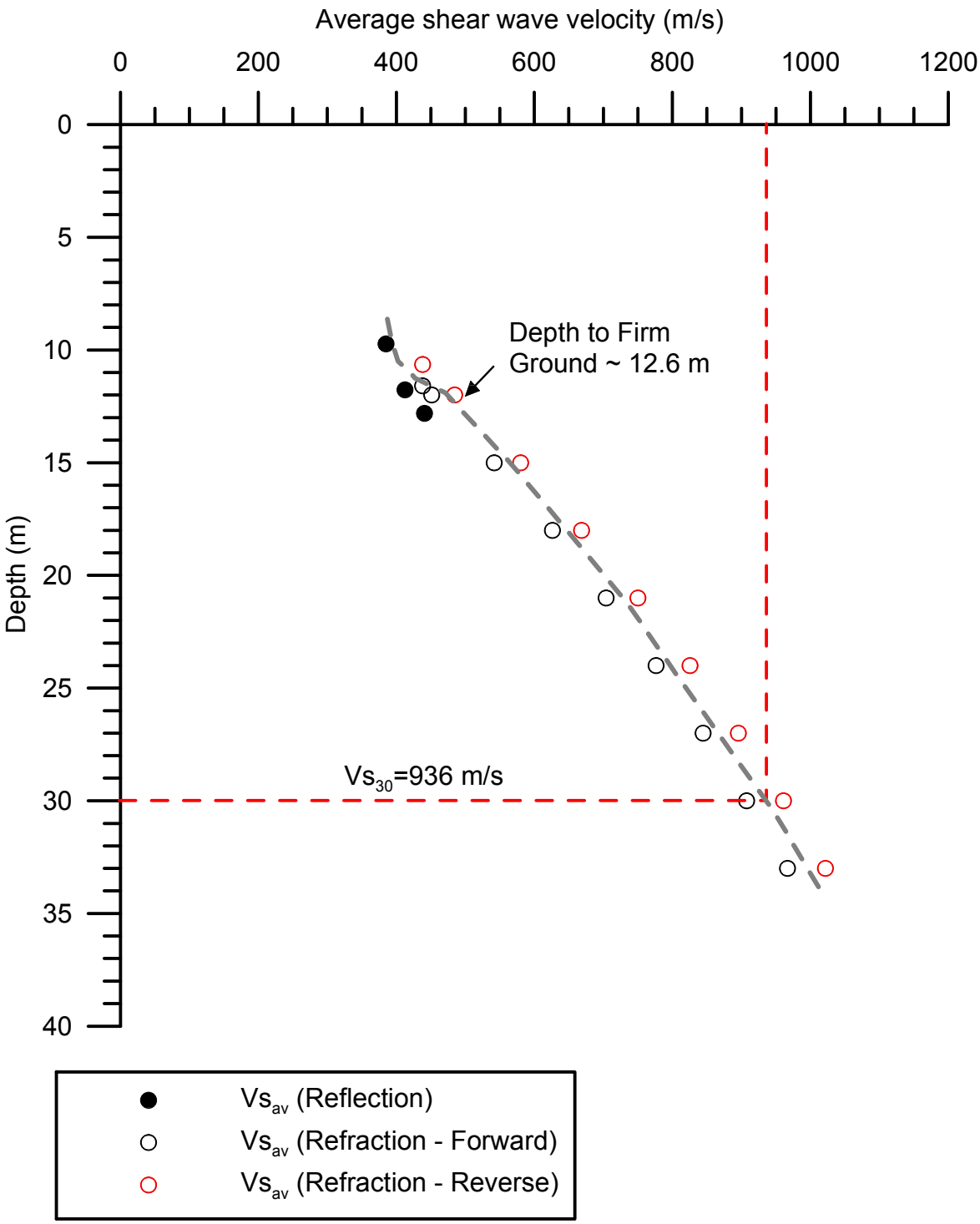
Site 242 - Forward shots 242002 and 242003
Refraction Interpretation



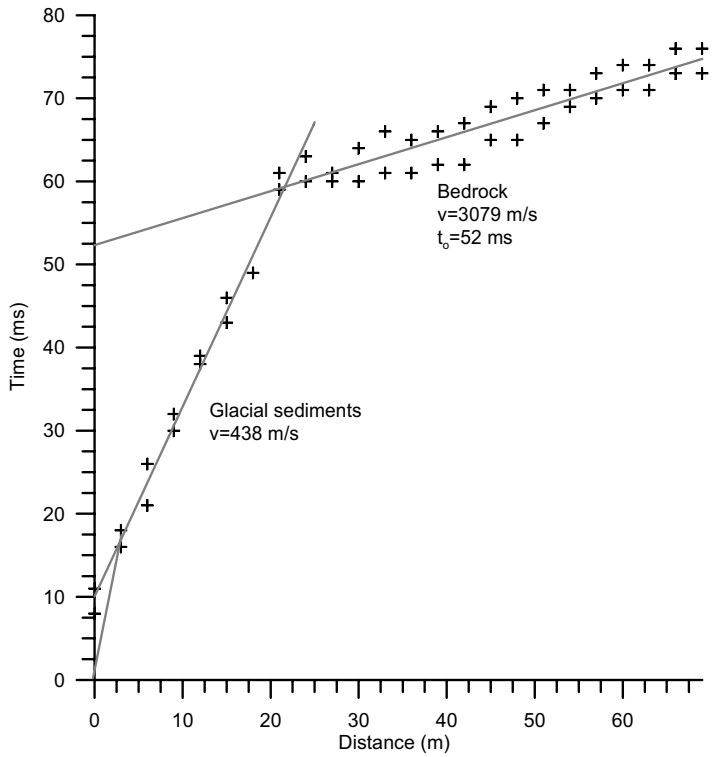
Site 242 - Reverse shots 242005 and 242006
Refraction Interpretation



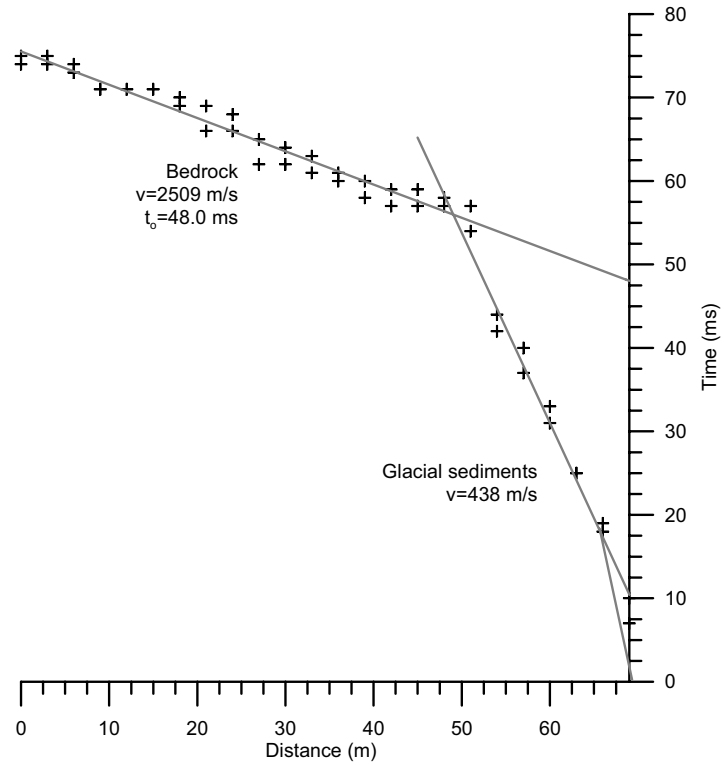
Site 243
Average Shear Wave Velocity vs. Depth



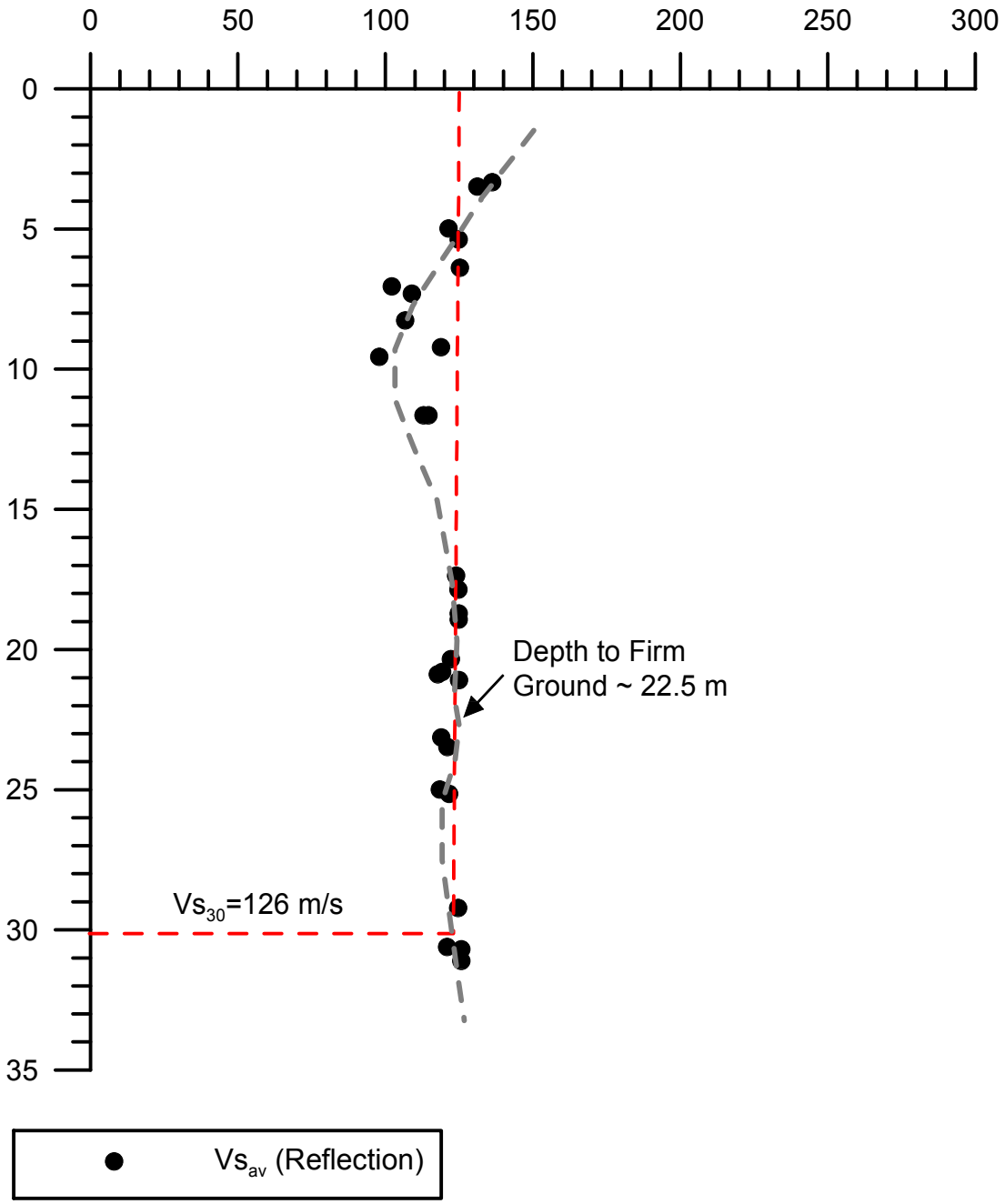
Site 243 - Forward shots 243002 and 243003
Refraction Interpretation



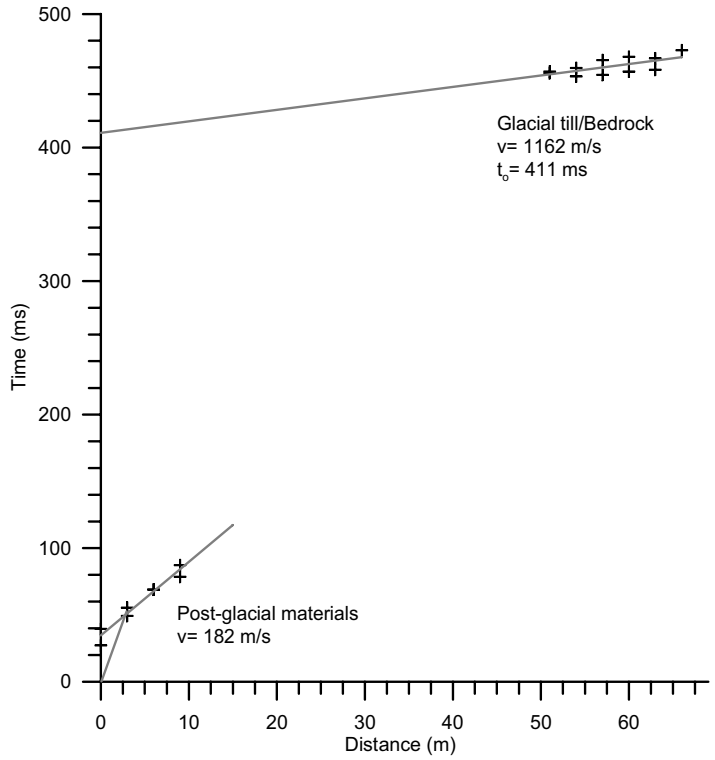
Site 243 - Reverse shots 243005 and 243006
Refraction Interpretation



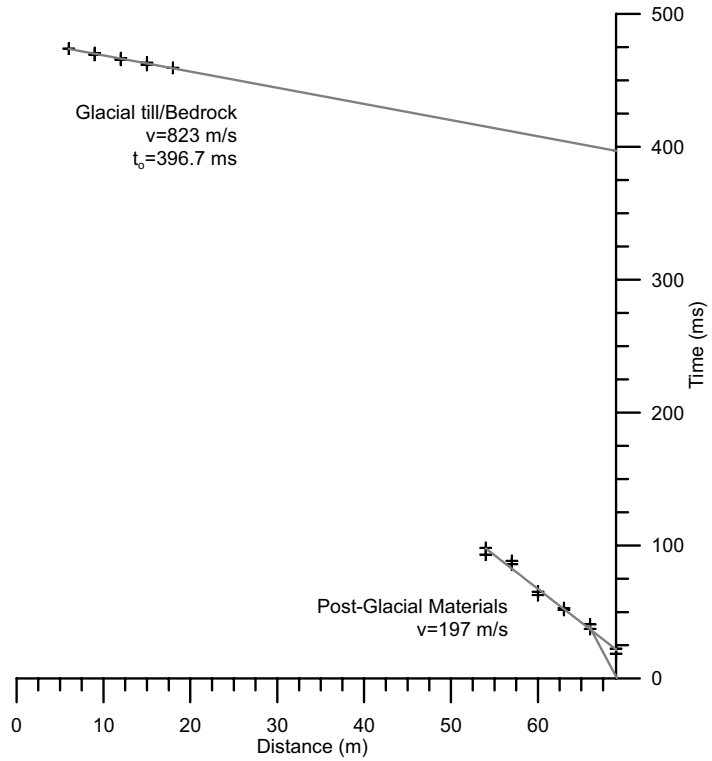
Site 291
Average Shear Wave Velocity vs. Depth



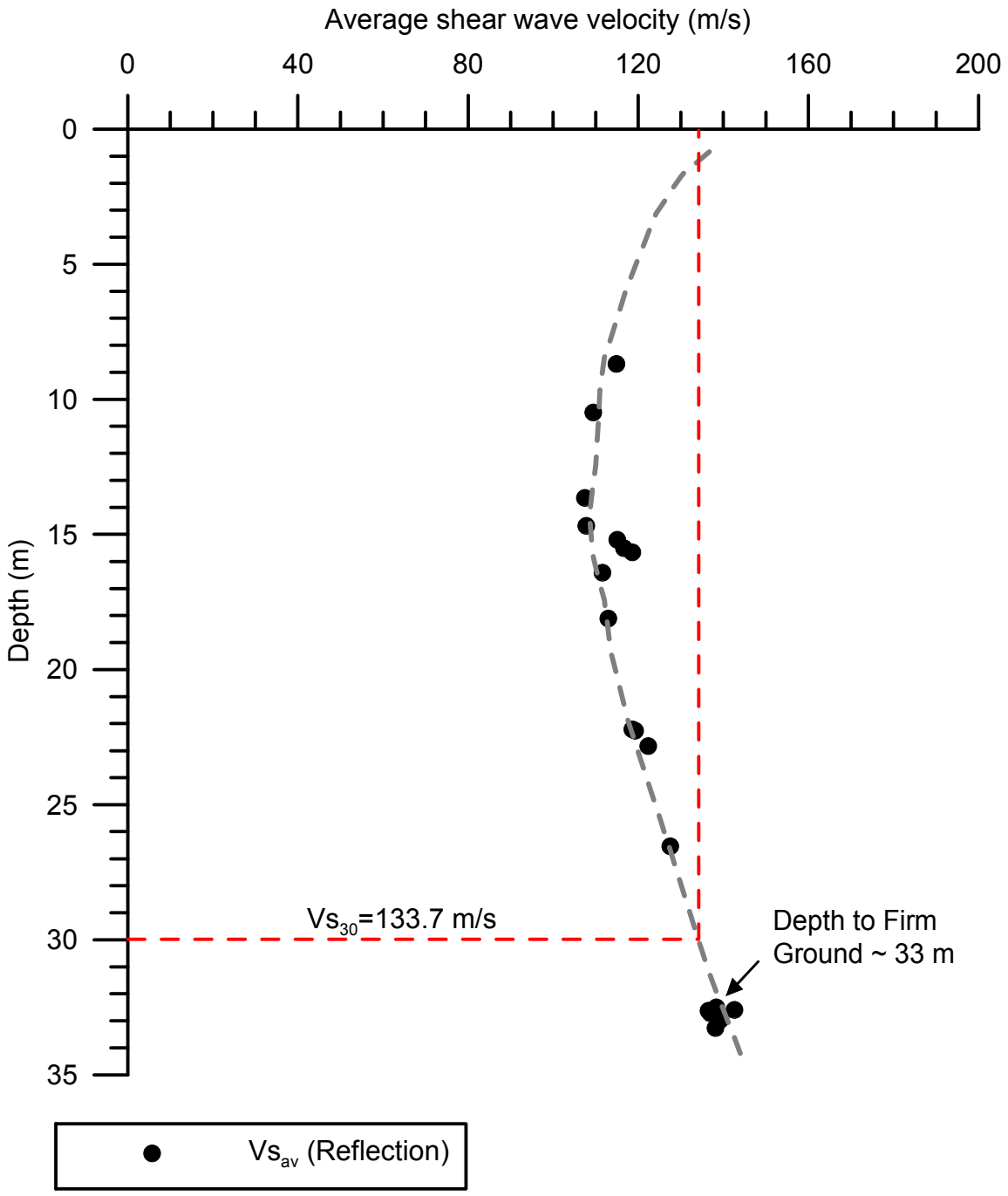
Site 291 - Forward Shots 291002 and 291003
Refraction Interpretation
(Inferred Bedrock Refractor)



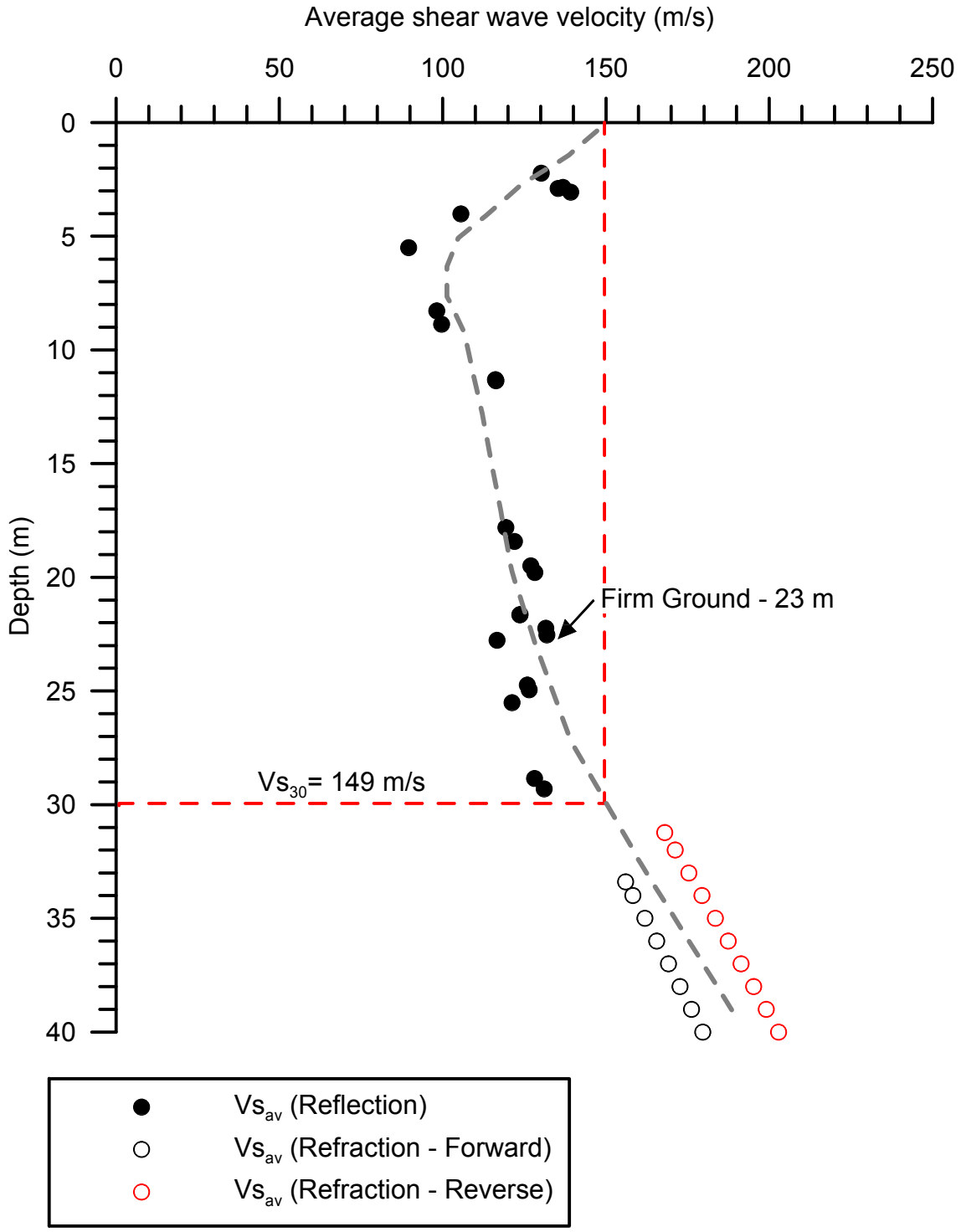
Site 291 - Reverse Shots 291005 and 291006
Refraction Interpretation
(Inferred Bedrock Refractor)



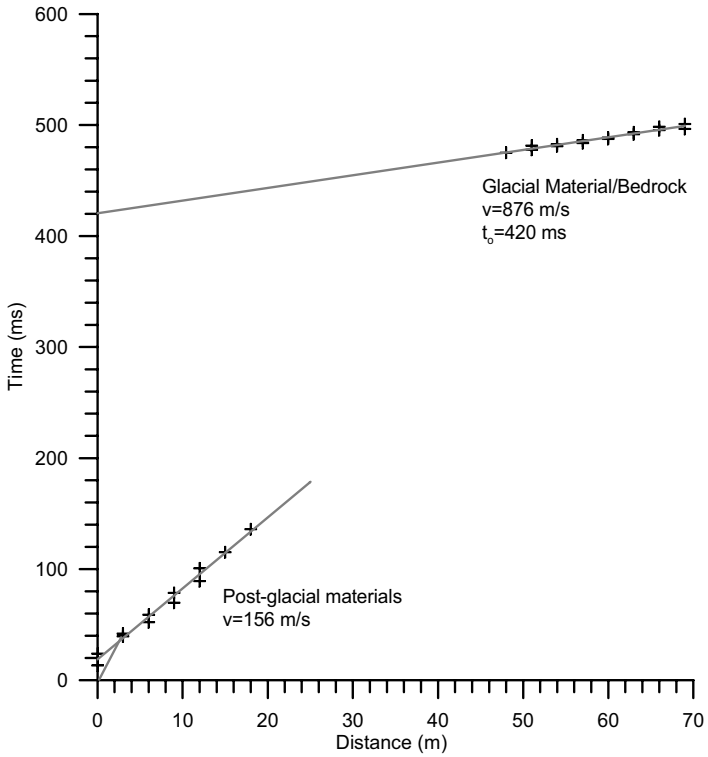
Site 292
Average Shear Wave Velocity vs. Depth



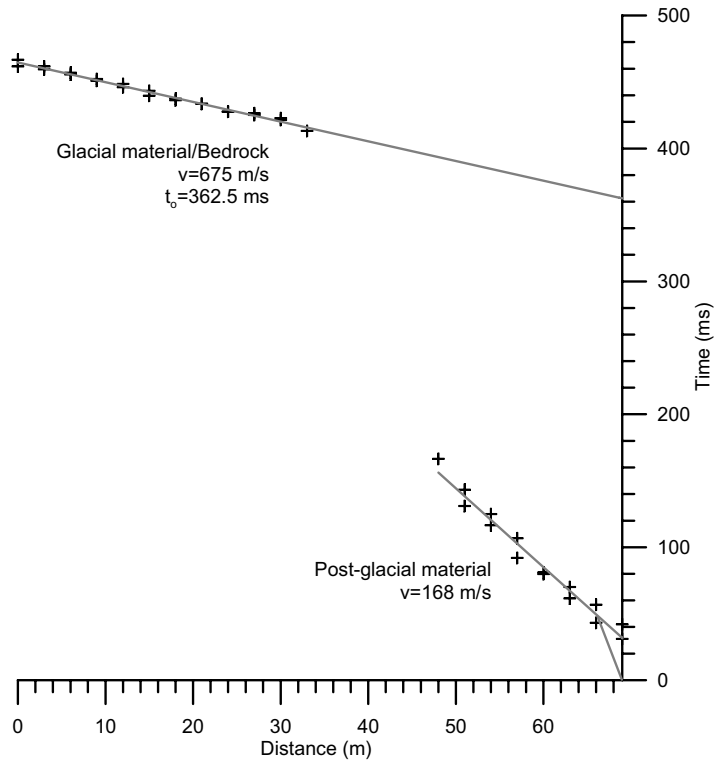
Site 293
Average Shear Wave Velocity vs. Depth



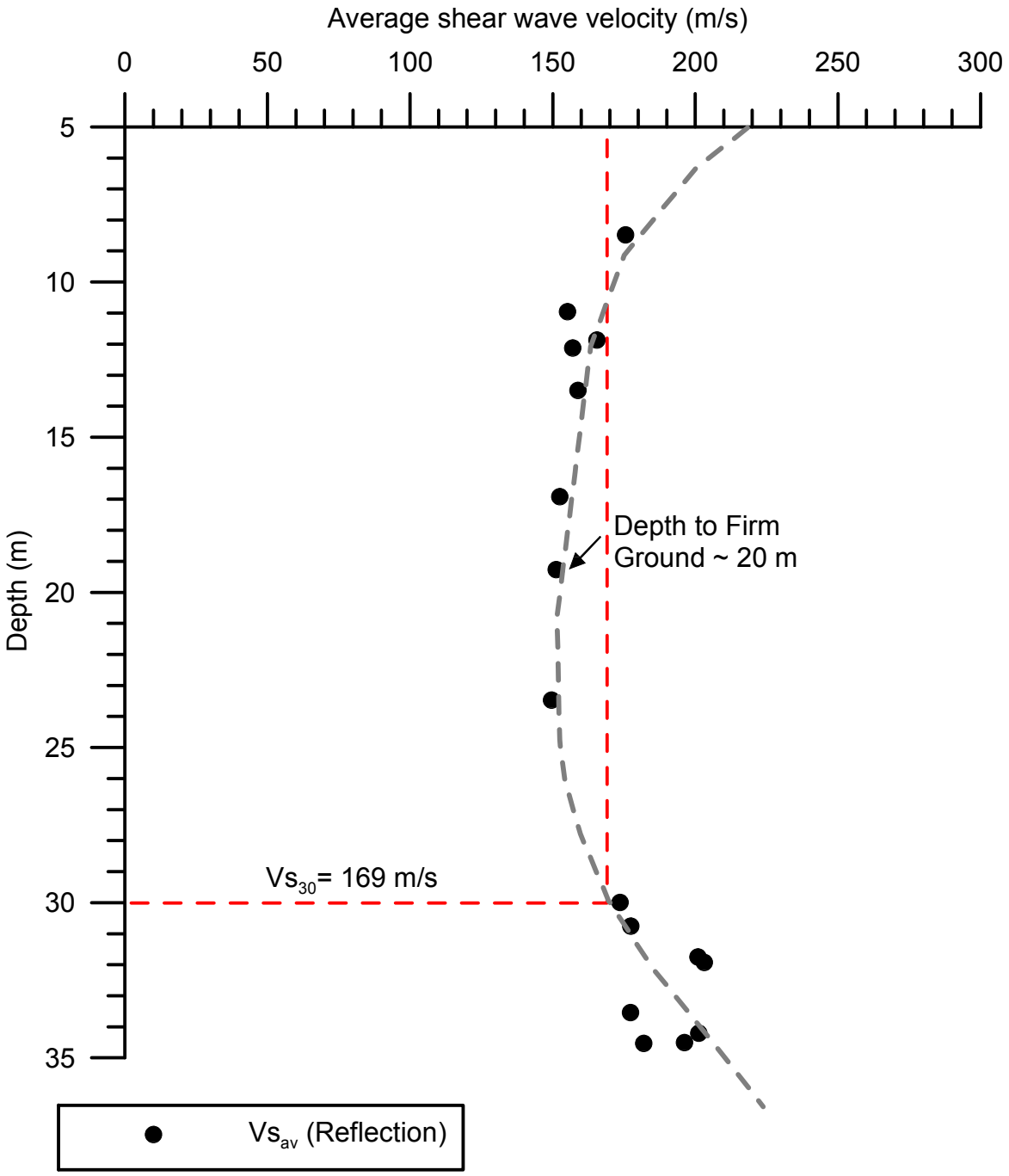
Site 293 - Forward Shots 293002 and 293003
Refraction Interpretation



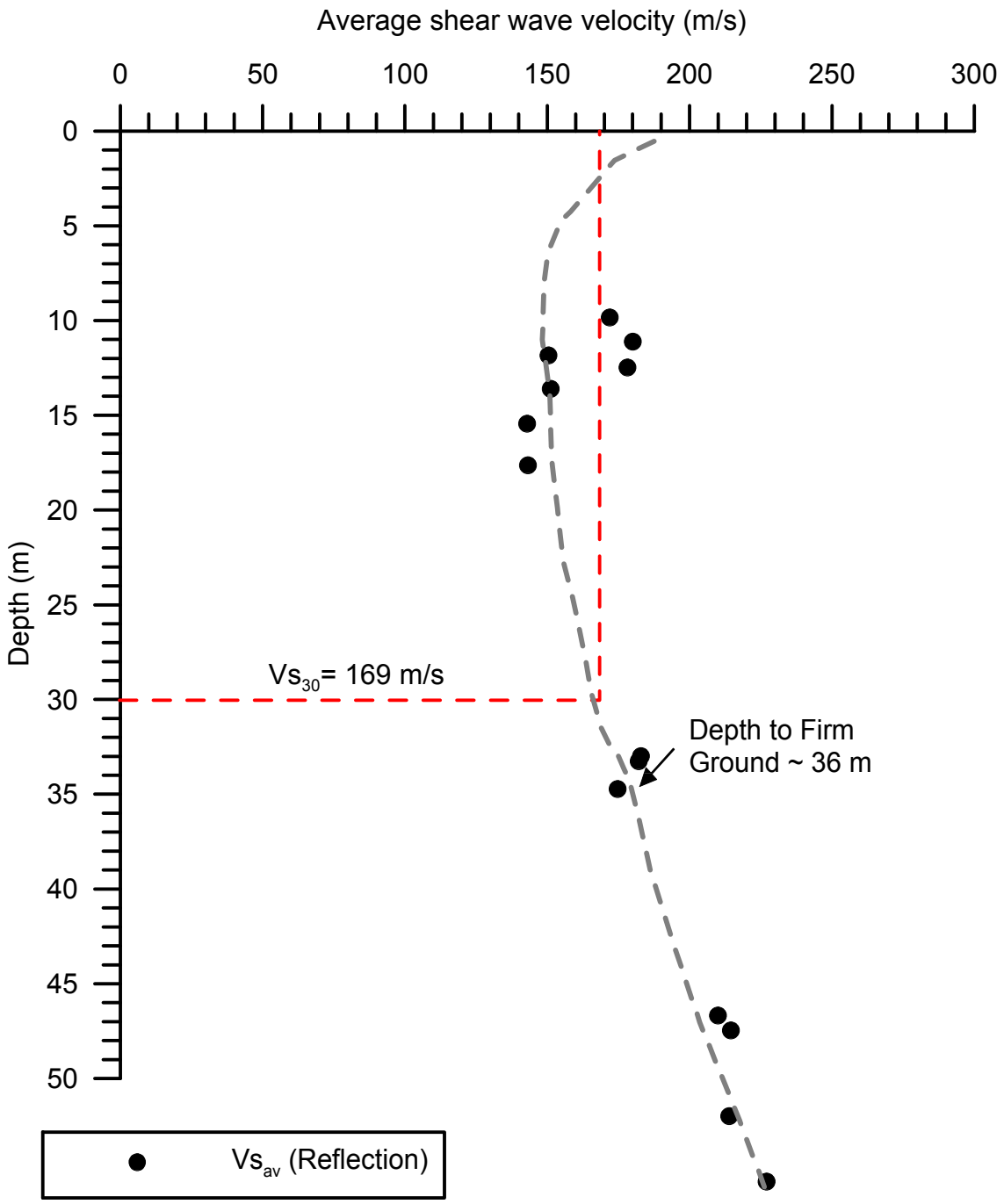
Site 293 - Reverse Shots 293005 and 293006
Refraction Interpretation



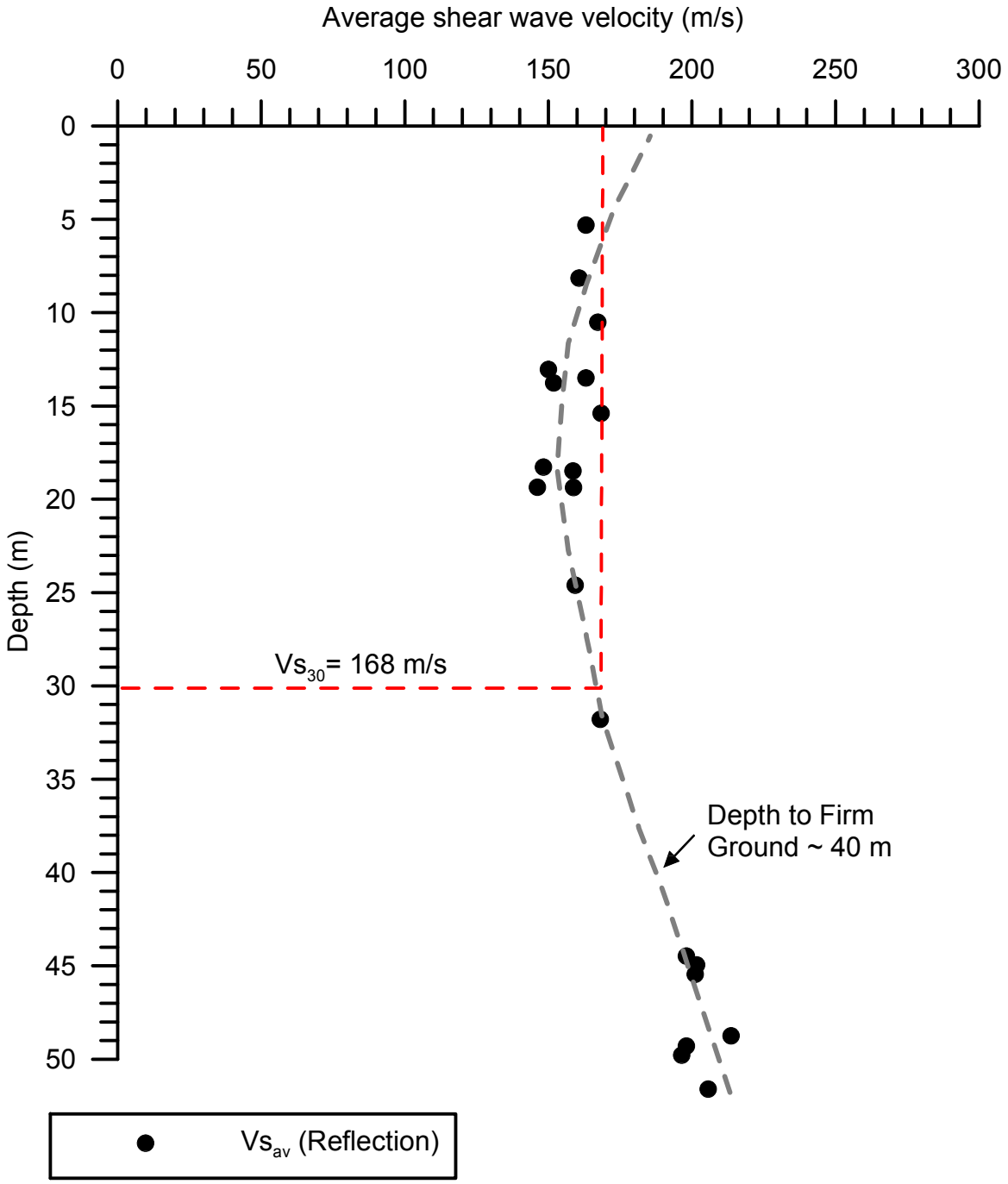
Site 294
Average Shear Wave Velocity vs. Depth



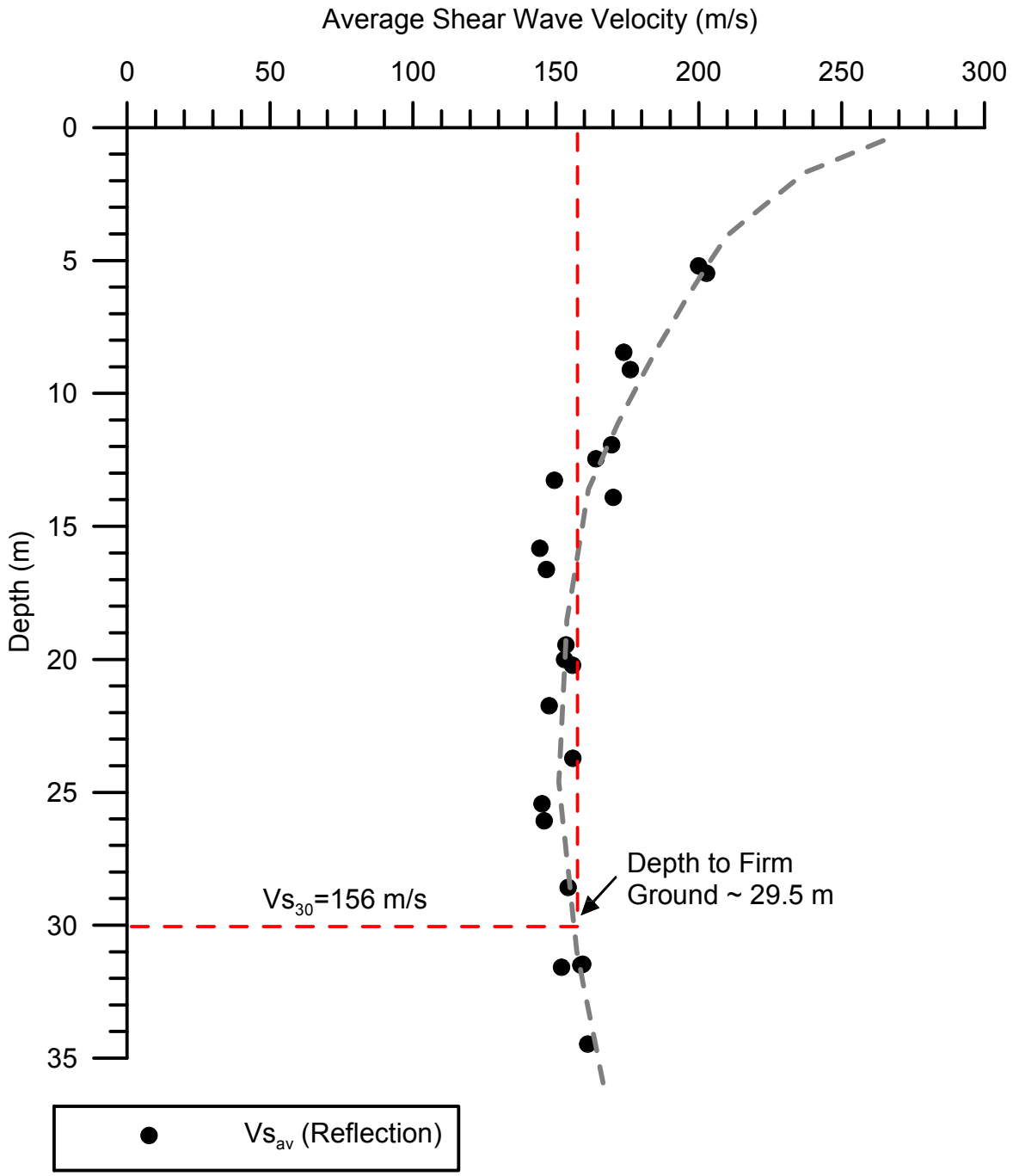
Site 295
Average Shear Wave Velocity vs. Depth



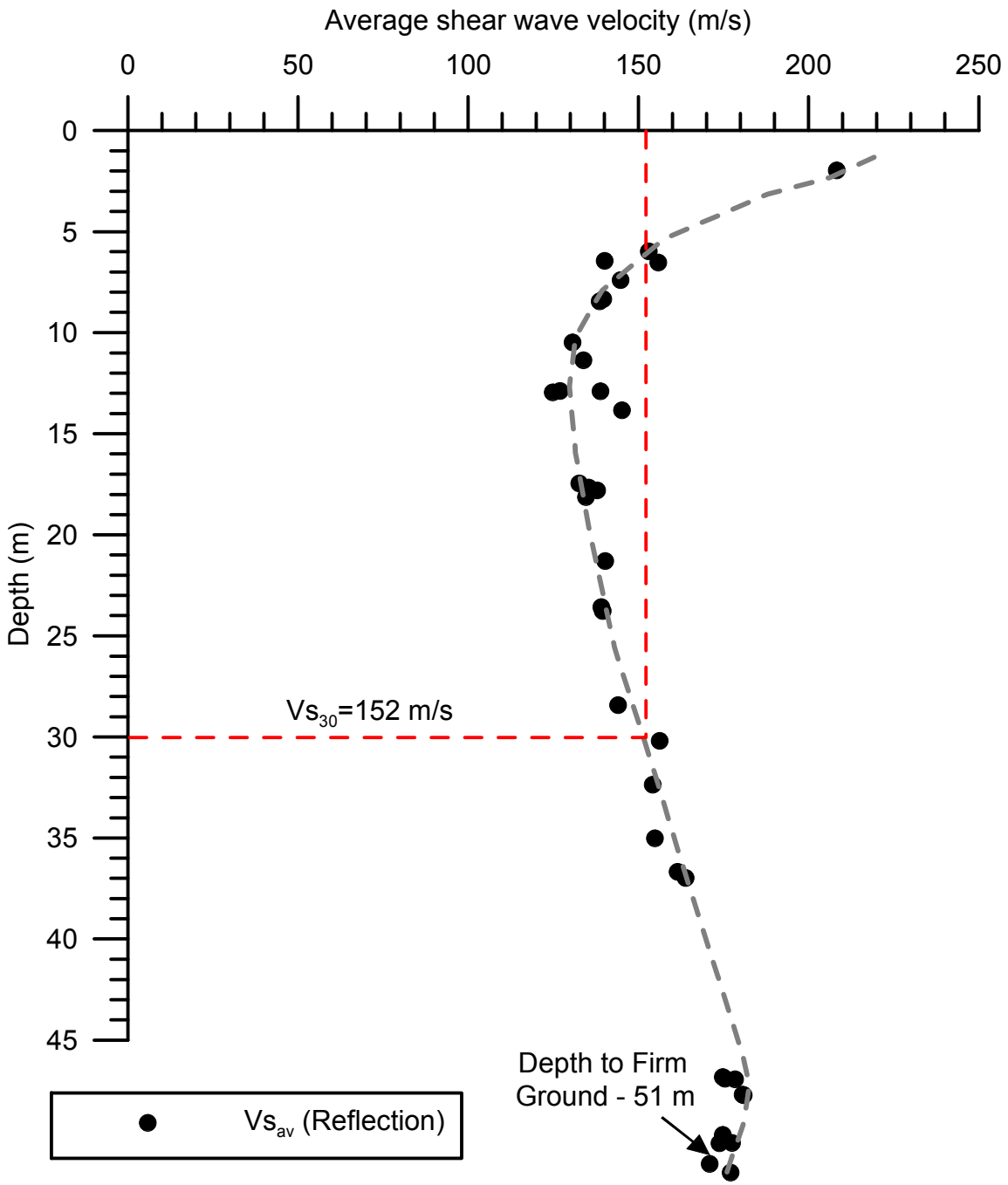
Site 296
Average Shear Wave Velocity vs. Depth



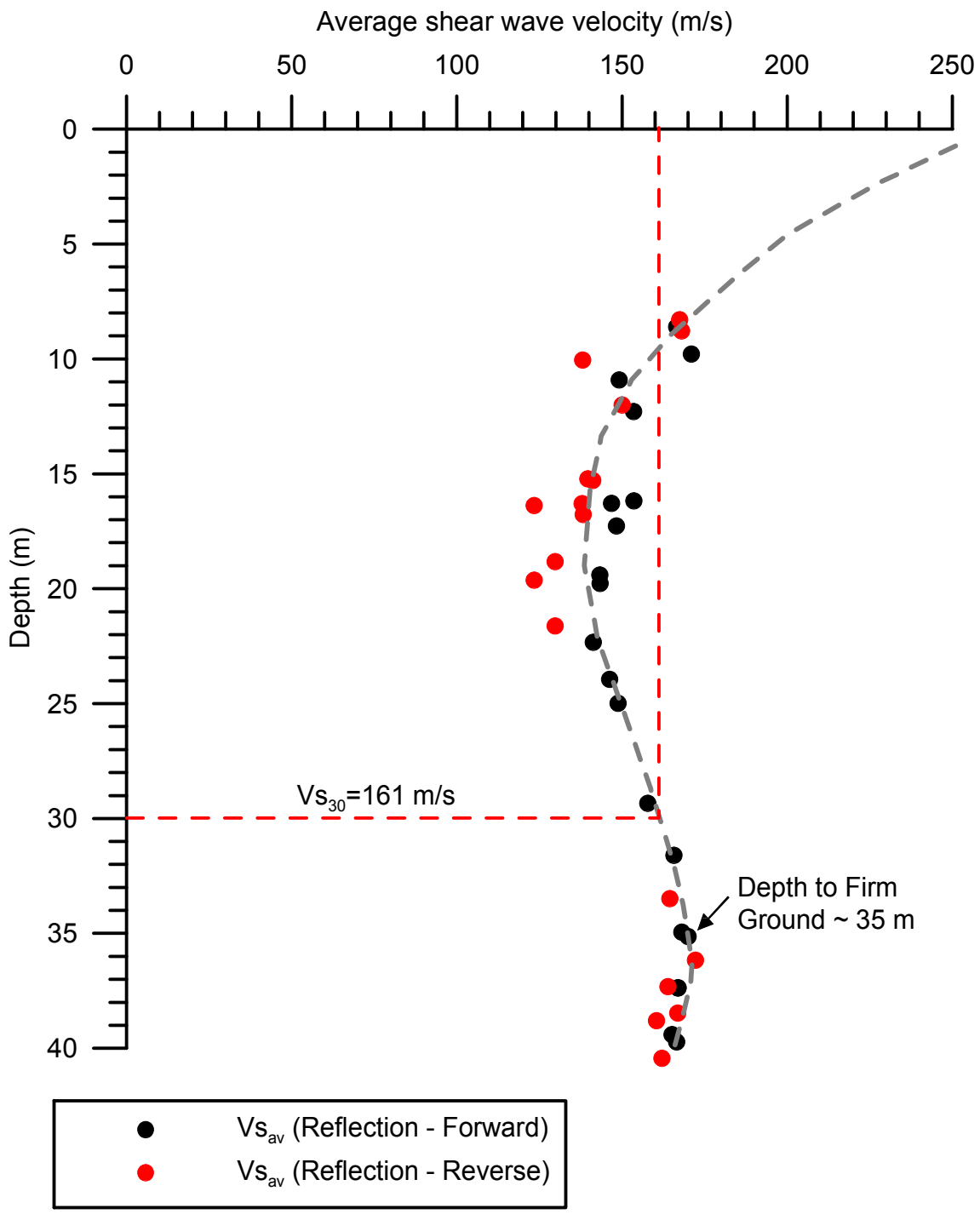
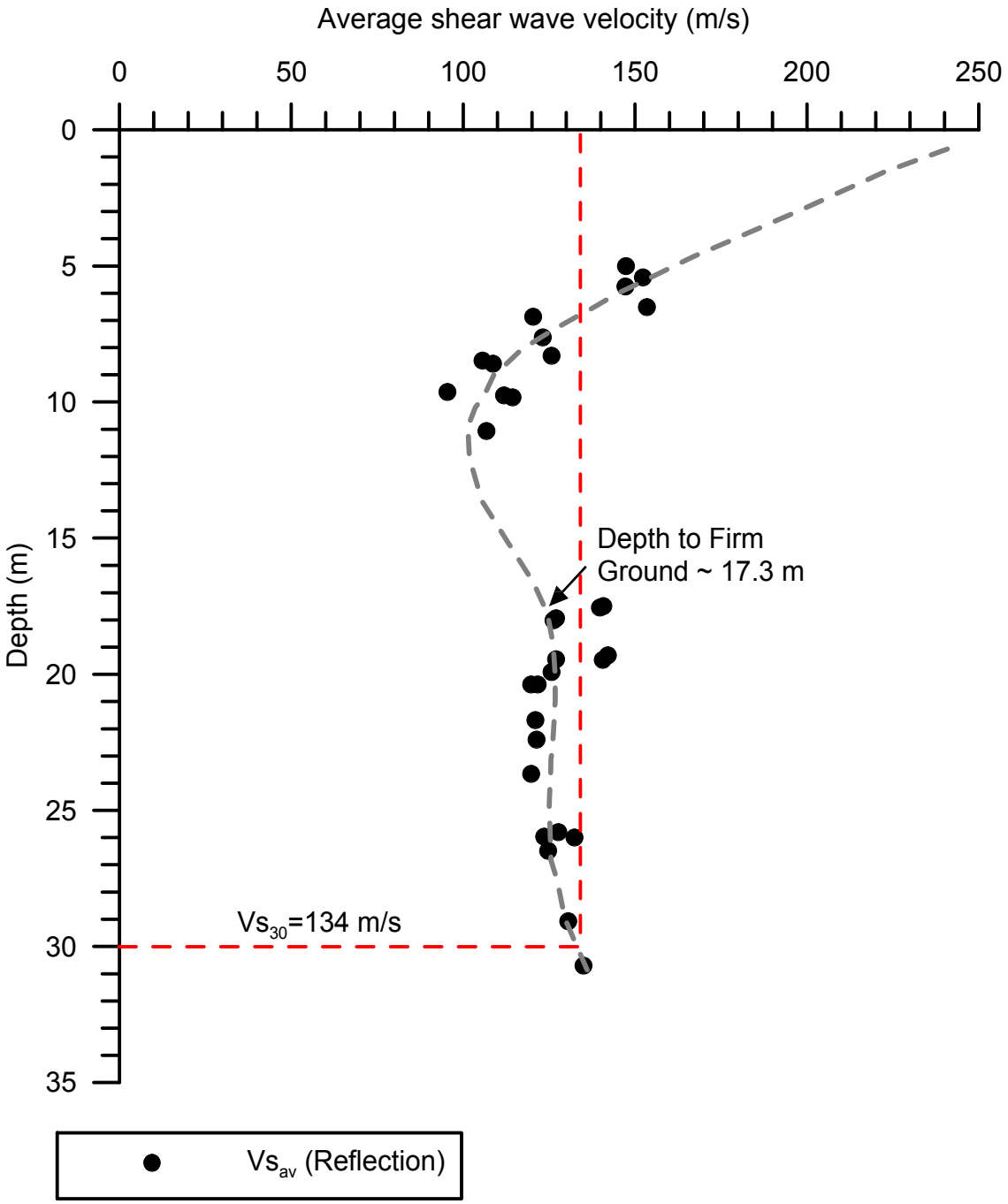
Site 297
Average Shear Wave Velocity vs. Depth



Site 298
Average Shear Wave Velocity vs. Depth



Site 299
Average Shear Wave Velocity vs. Depth



Site 303
Average Shear Wave Velocity vs. Depth