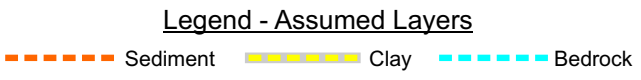
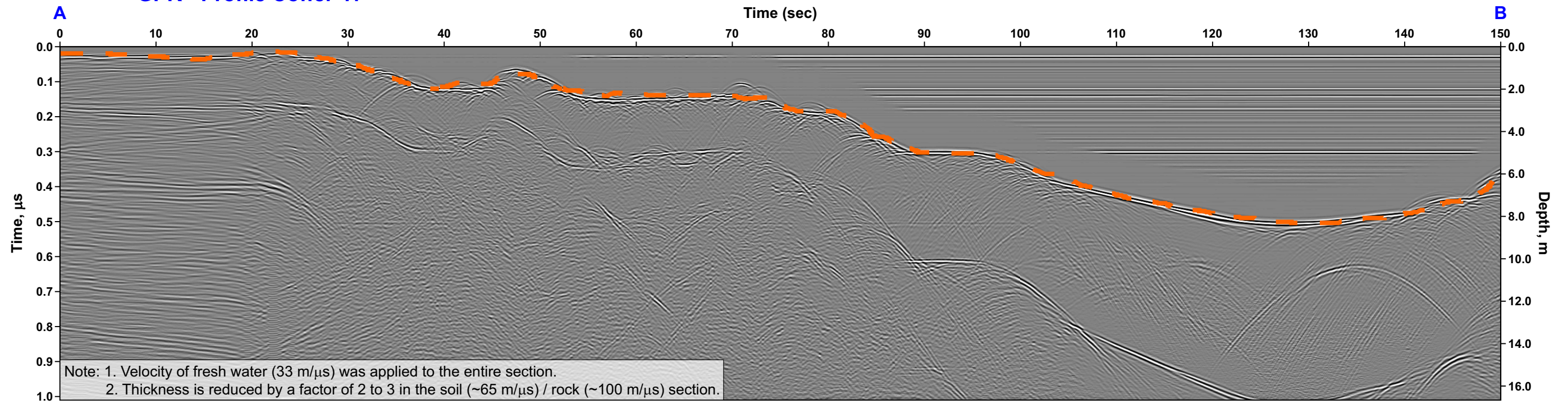


Figure E11 Ground penetrating radar survey on ice (lake) surface using 170 MHz antenna for Profile 211 at the Springpole site, ON.

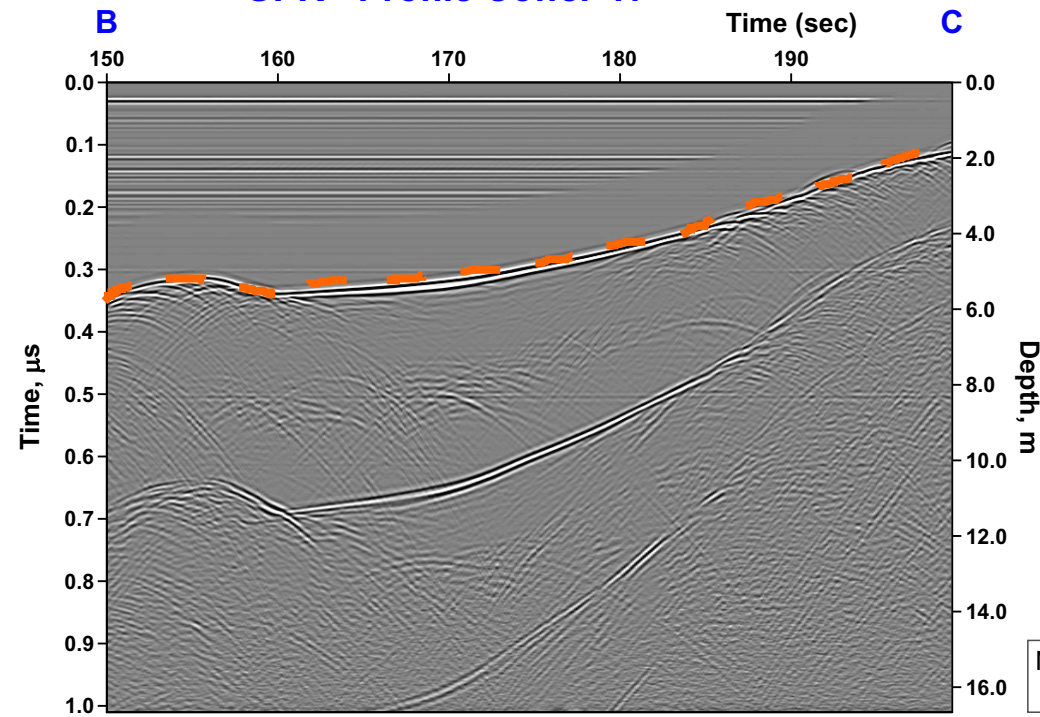
Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Coffe-17



GPR - Profile Coffe-17



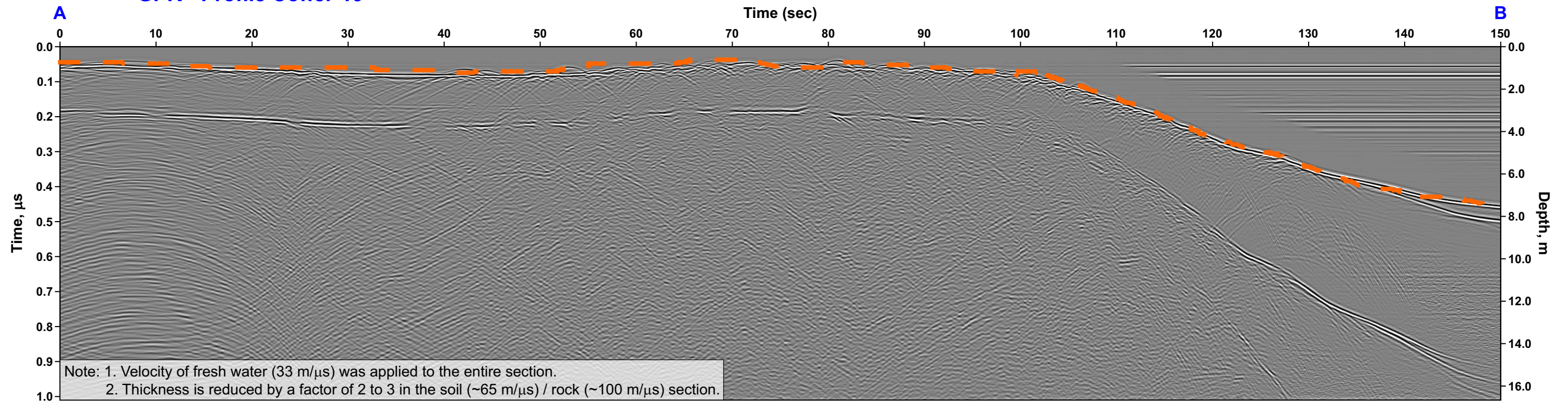
Note: 1. Velocity of fresh water (33 m/μs) was applied to the entire section.
 2. Thickness is reduced by a factor of 2 to 3 in the soil (~65 m/μs) / rock (~100 m/μs) section.

Figure E13 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Coffe-17 at the Springpole site, ON (Page 1 of 1).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Coffe-19



GPR - Profile Coffe-19

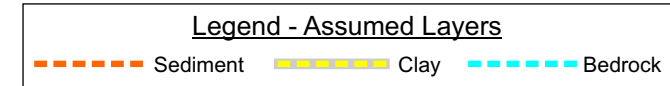
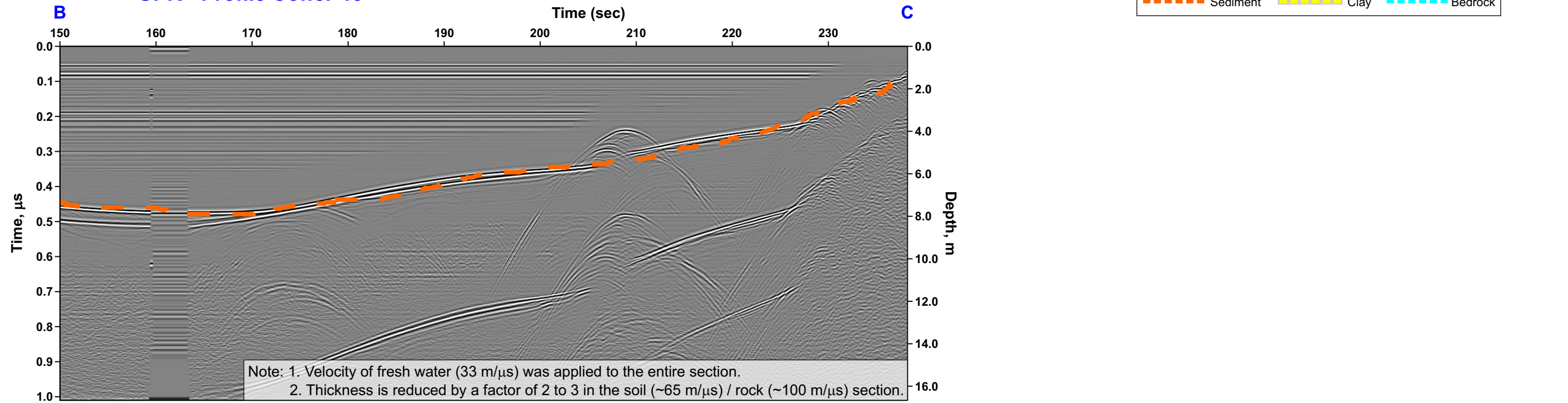
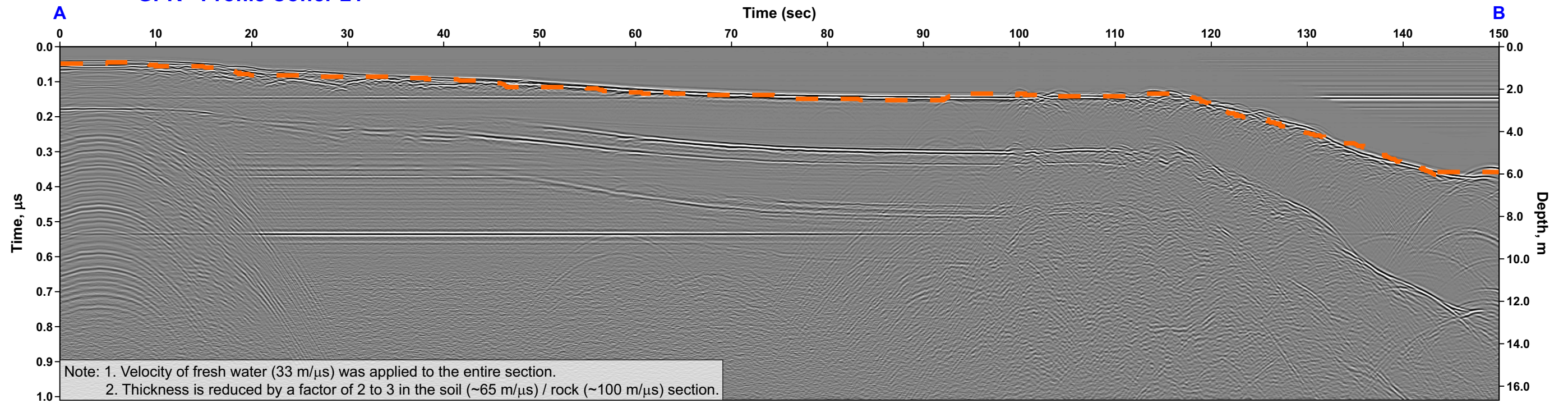


Figure E14 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Coffe-19 at the Springpole site, ON (Page 1 of 1).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Coffe-21



GPR - Profile Coffe-21

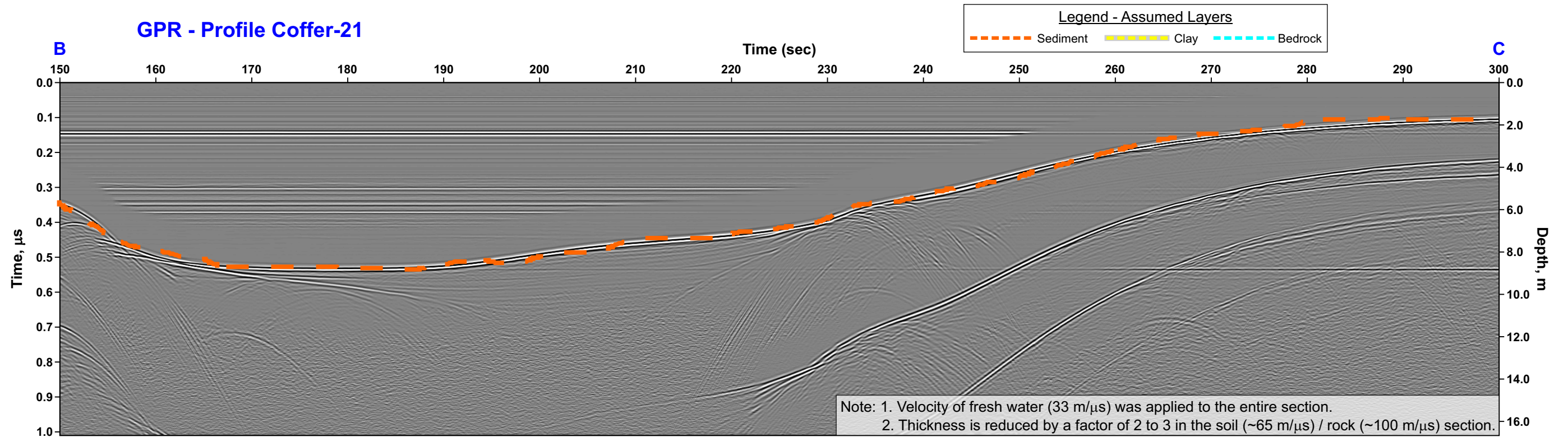
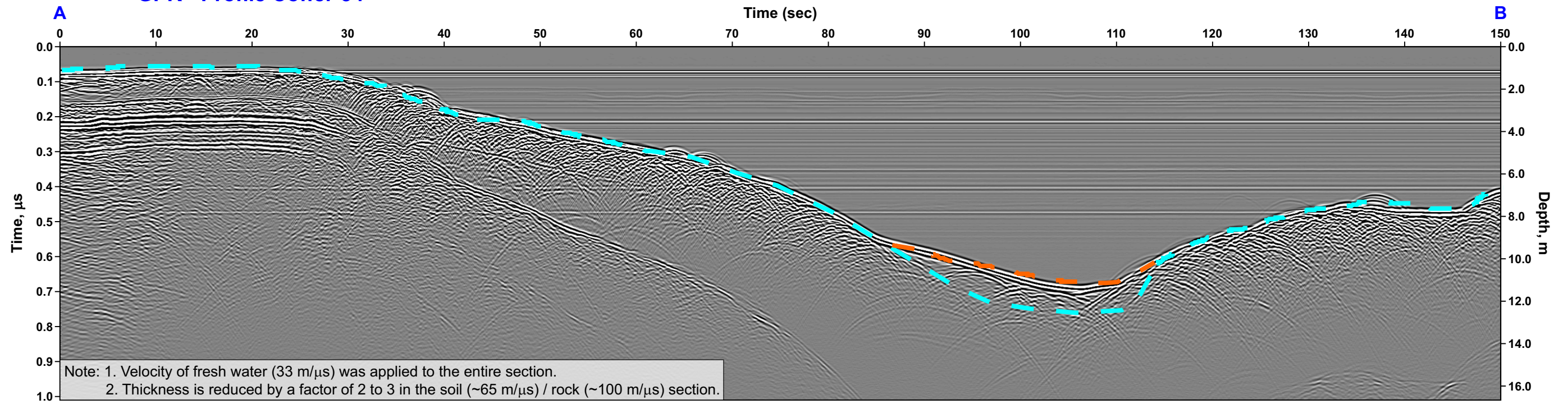


Figure E15 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Coffe-21 at the Springpole site, ON (Page 1 of 1).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Coffe-34



GPR - Profile Coffe-34

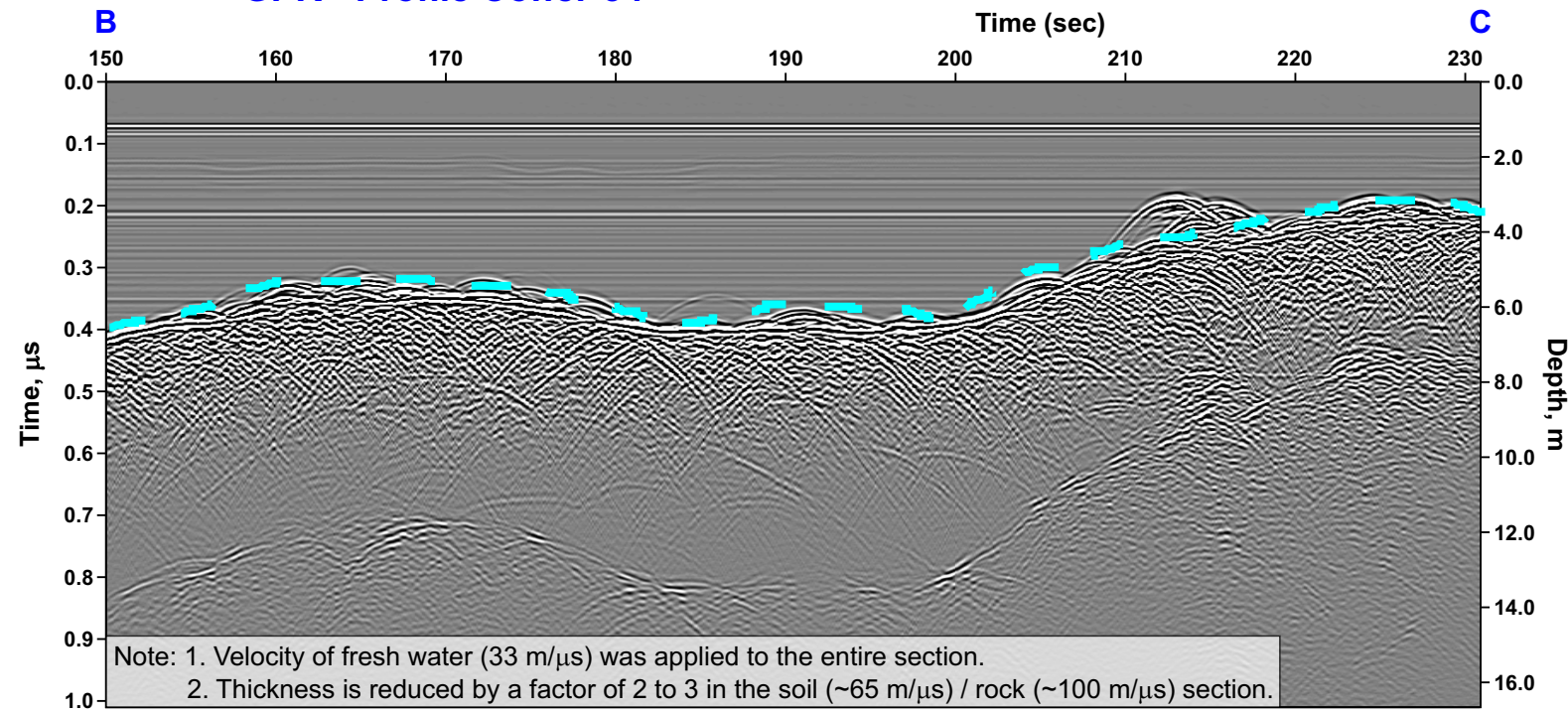
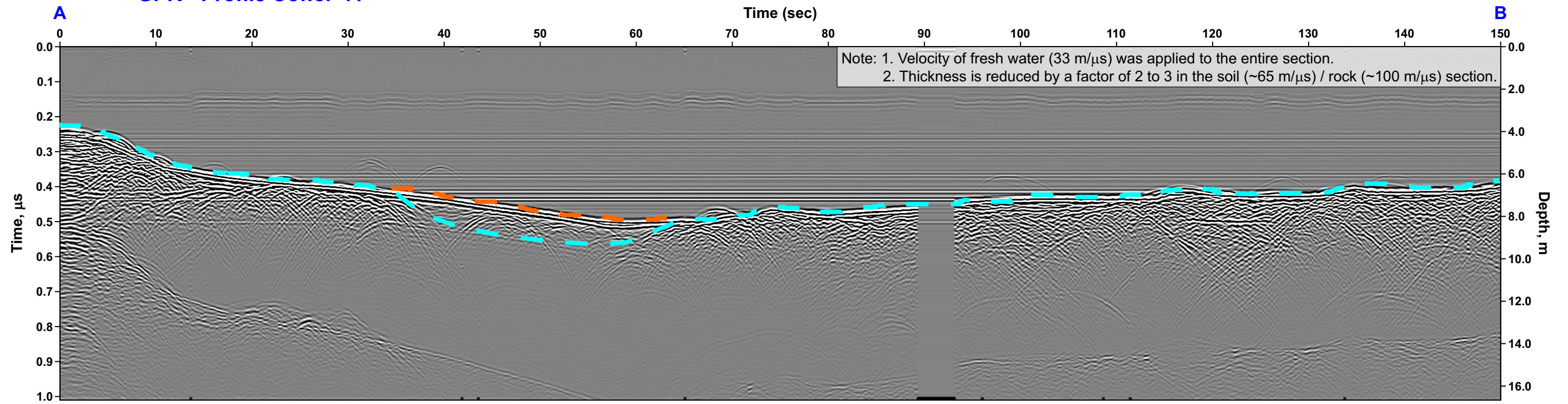


Figure E16 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Coffe-34 at the Springpole site, ON (Page 1 of 1).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Coffe-41



GPR - Profile Coffe-41

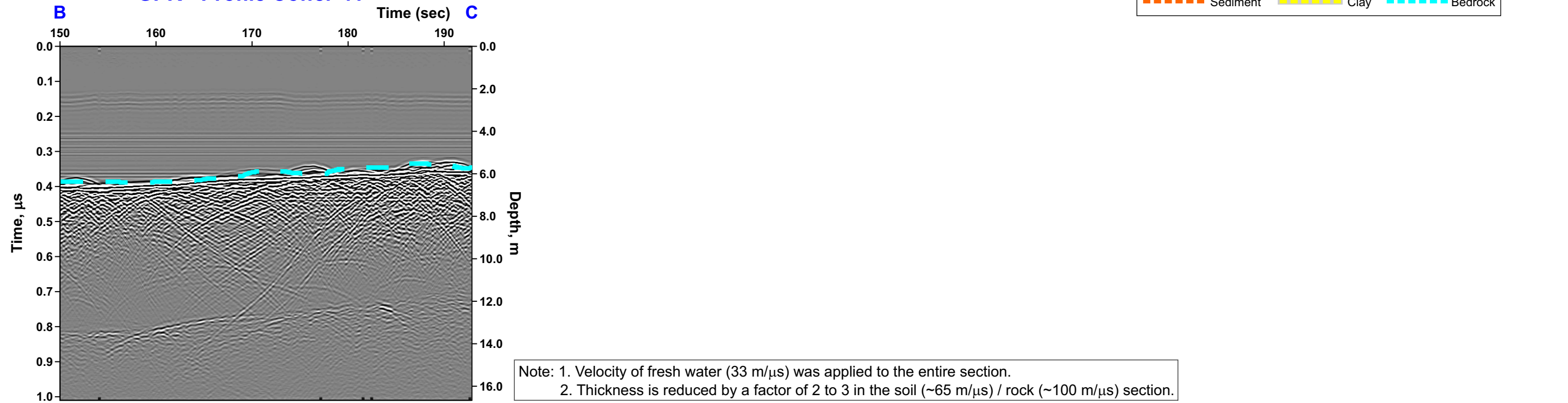
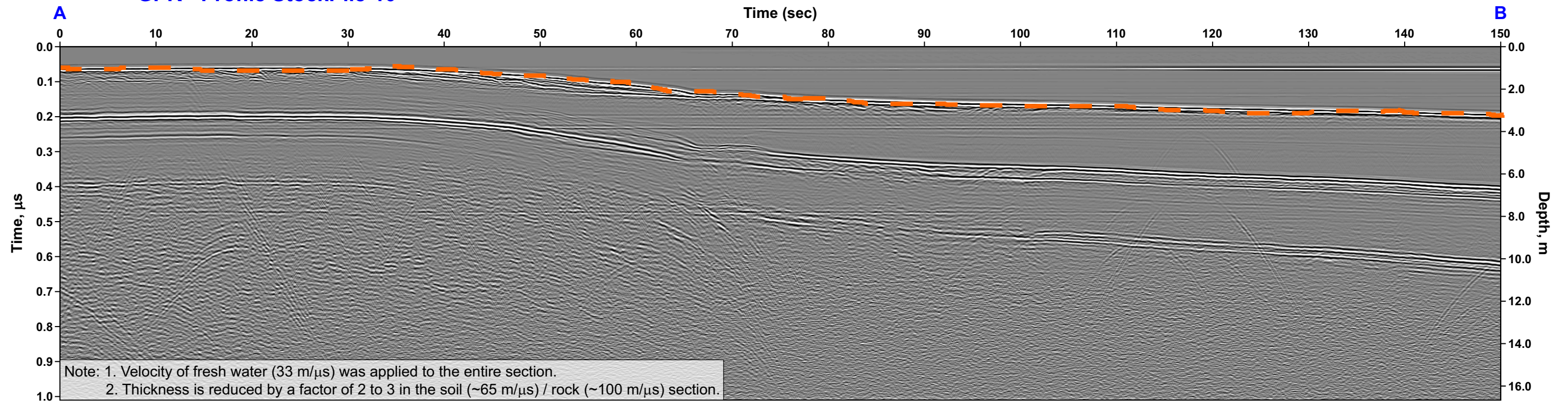


Figure E17 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Coffe-41 at the Springpole site, ON (Page 1 of 1).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile StockPile-10



GPR - Profile StockPile-10

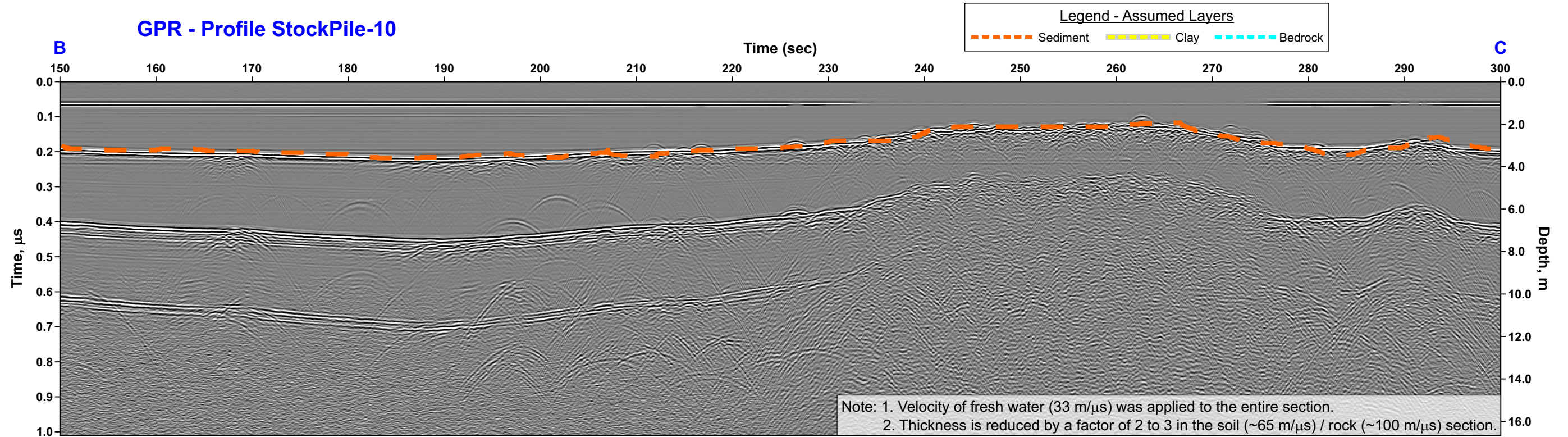
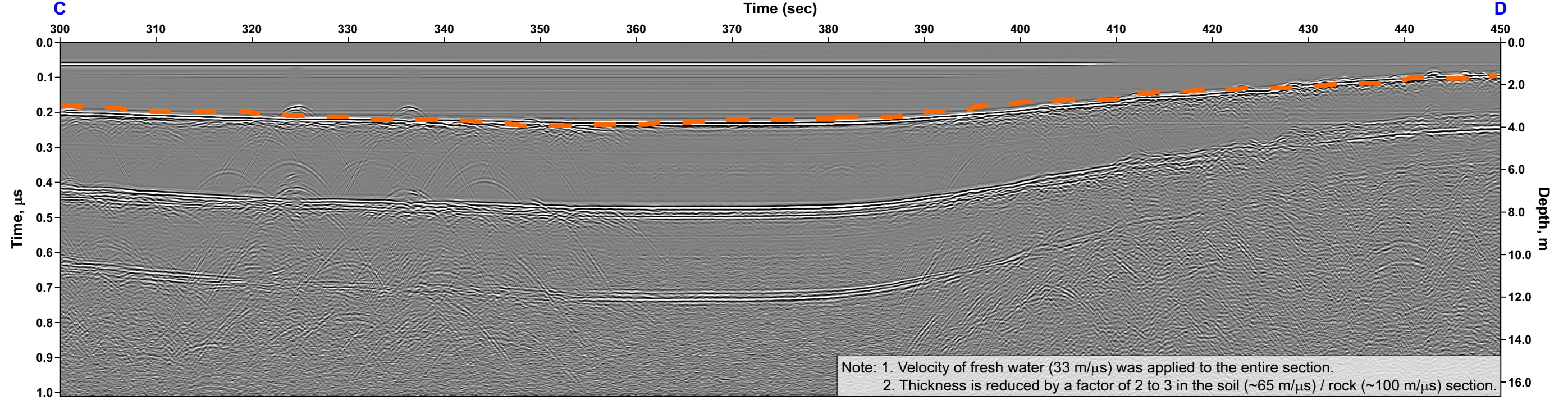


Figure E18 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile StockPile-10 at the Springpole site, ON (Page 1 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile StockPile-10



GPR - Profile StockPile-10

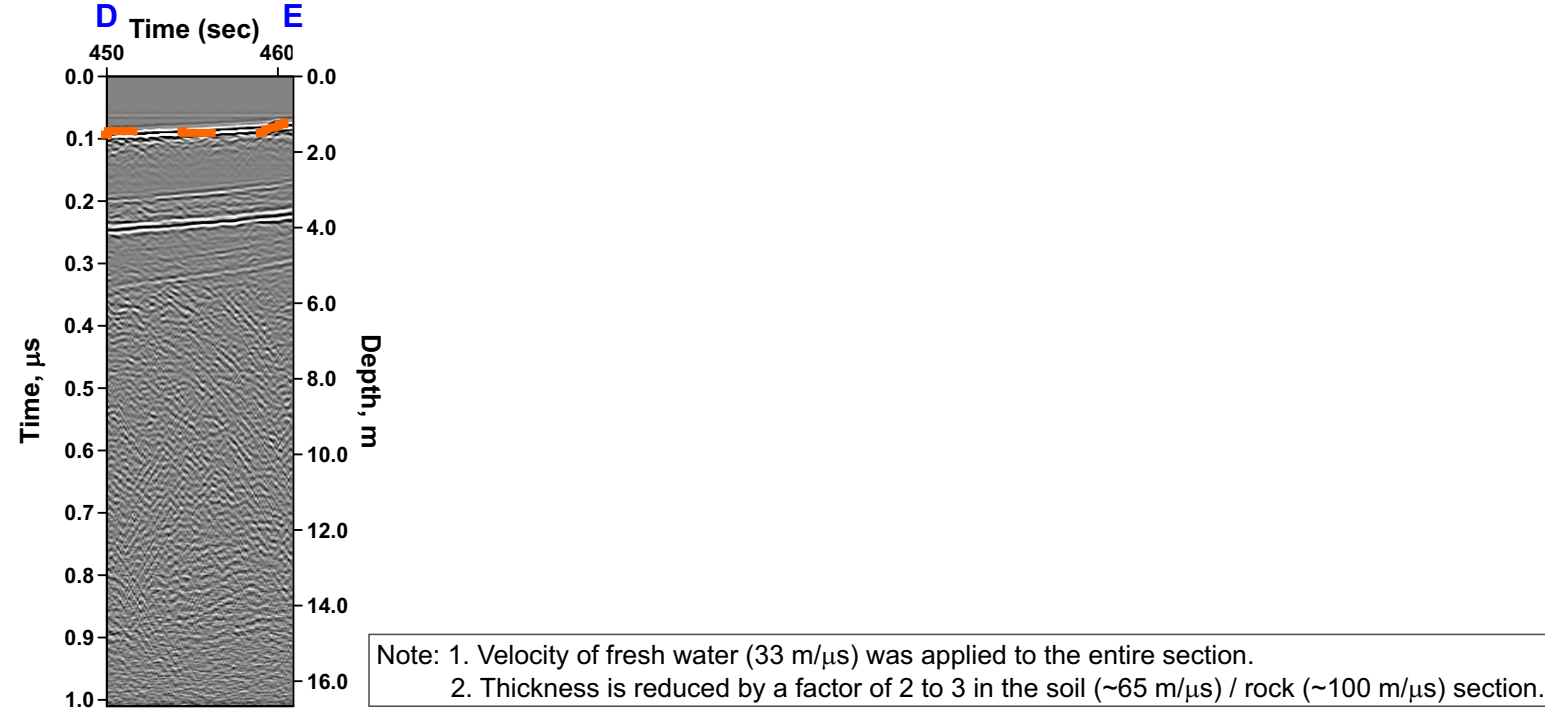
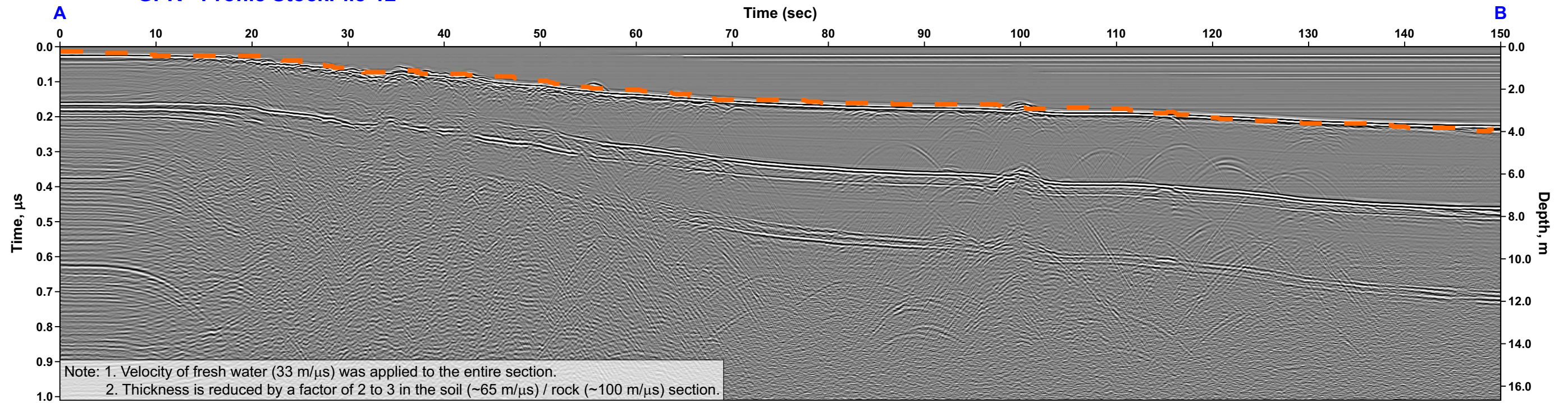


Figure E18 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile StockPile-10 at the Springpole site, ON (Page 2 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile StockPile-12



GPR - Profile StockPile-12

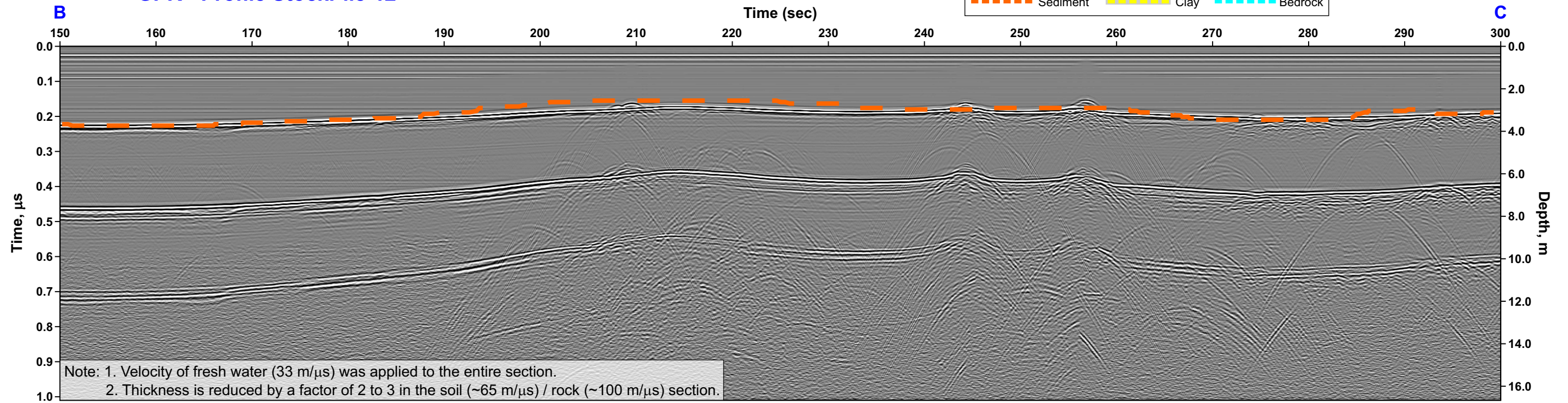


Figure E19 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile StockPile-12 at the Springpole site, ON (Page 1 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile StockPile-12

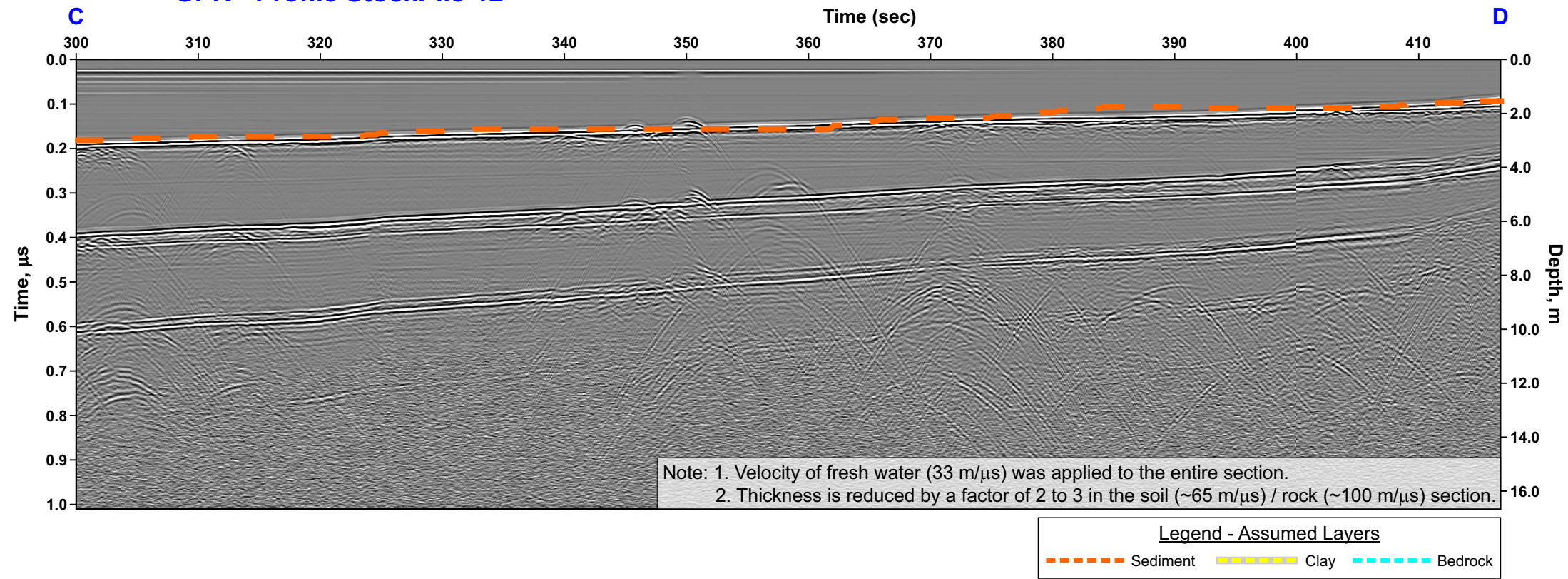


Figure E19 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile StockPile-12 at the Springpole site, ON (Page 2 of 2).


Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021





Base orthorectified image by First Mining Gold (2020).

Figure E20 Location of the GPR survey conducted on the water (lake) surface along the proposed Outflow area in August 2020.

Project No. 3134	Document Reference FFC-NL-3134-007	
Location Springpole, ON	Date February 2021	

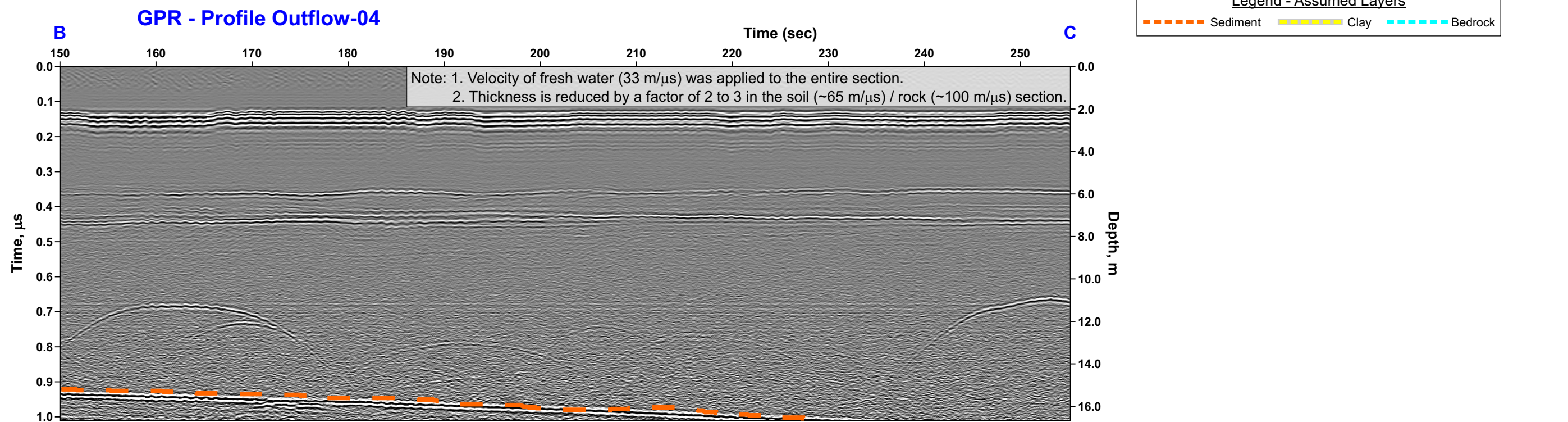
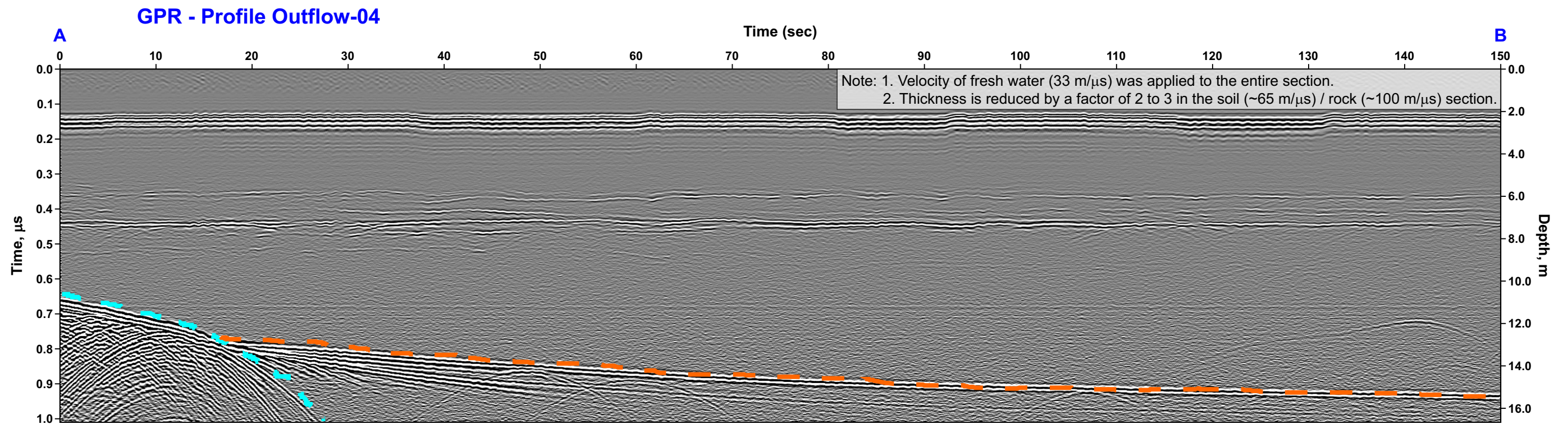
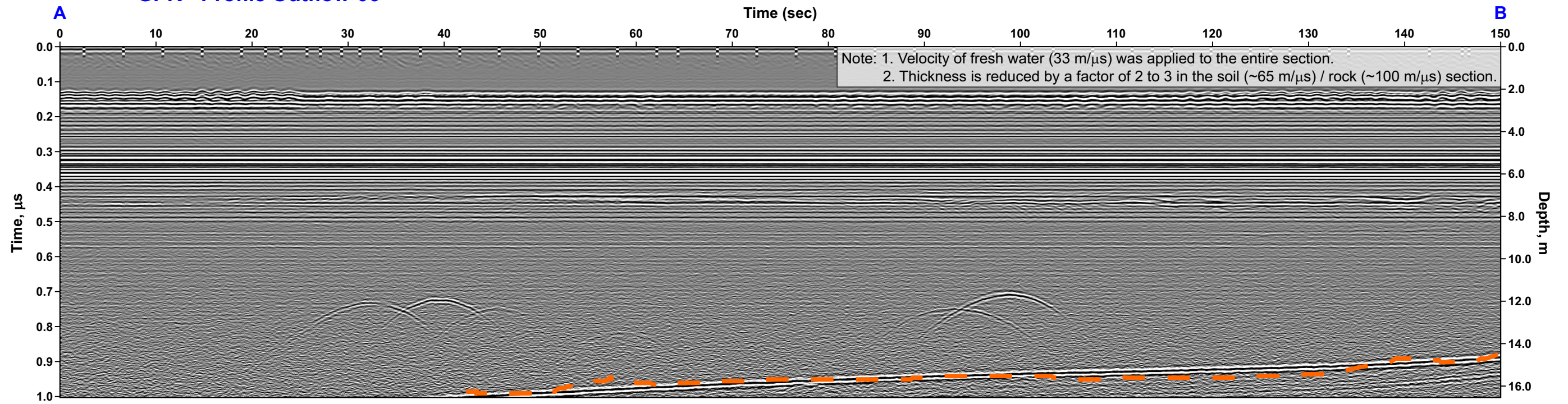


Figure E21 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-04 at the Springpole site, ON (Page 1 of 1).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Outflow-06



GPR - Profile Outflow-06

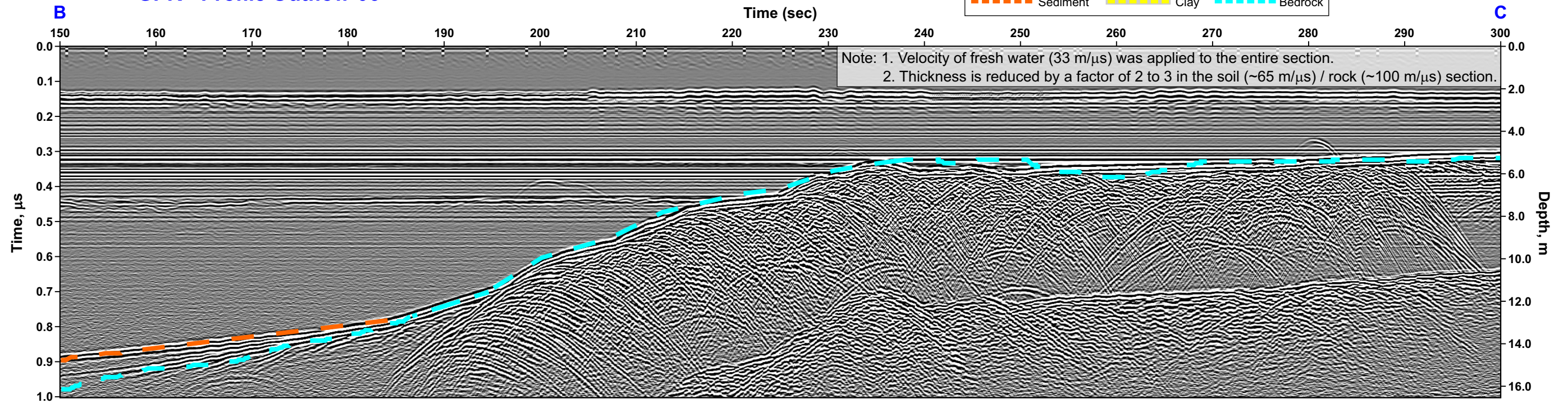
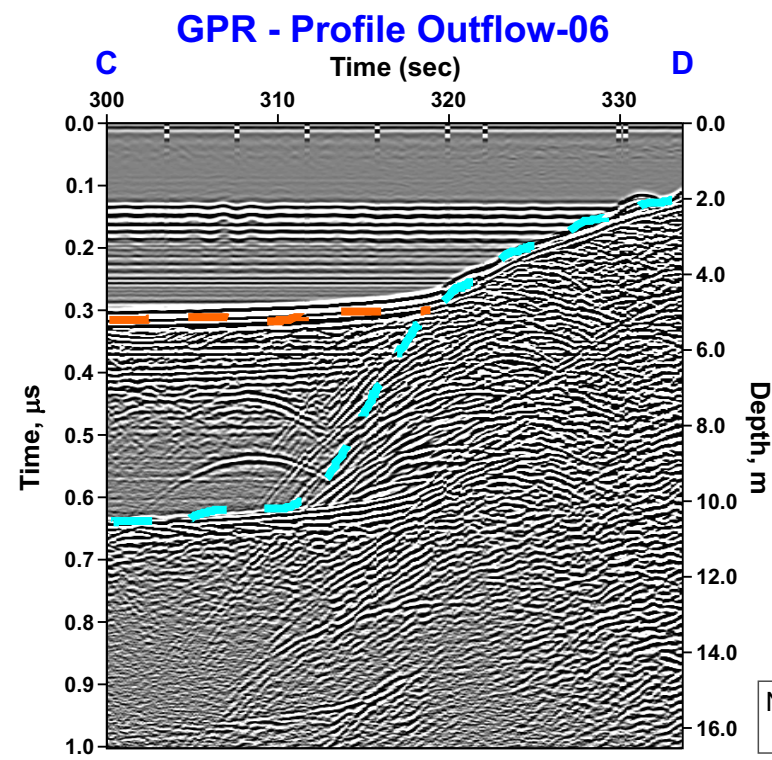


Figure E22 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-06 at the Springpole site, ON (Page 1 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021





Note: 1. Velocity of fresh water (33 m/μs) was applied to the entire section.
 2. Thickness is reduced by a factor of 2 to 3 in the soil (~65 m/μs) / rock (~100 m/μs) section.

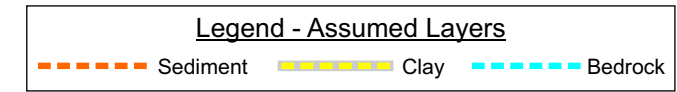
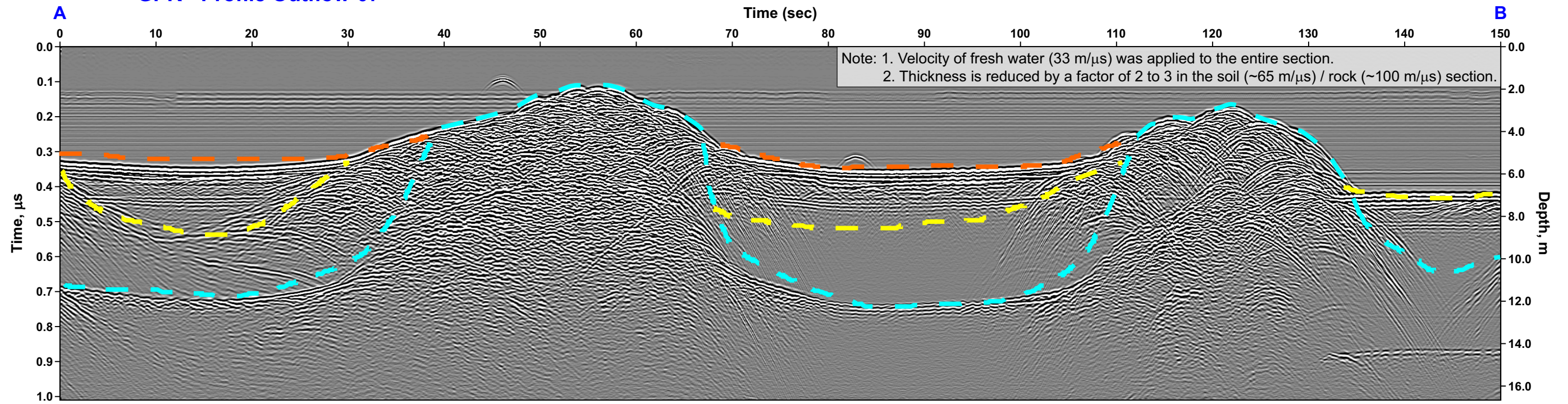


Figure E22 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-06 at the Springpole site, ON (Page 2 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Outflow-07



GPR - Profile Outflow-07

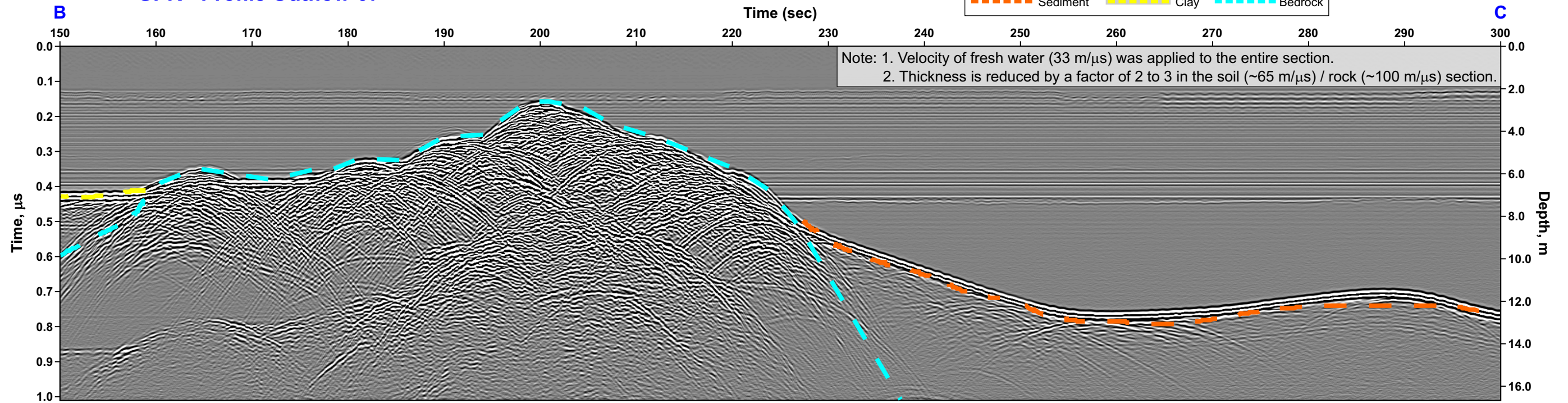
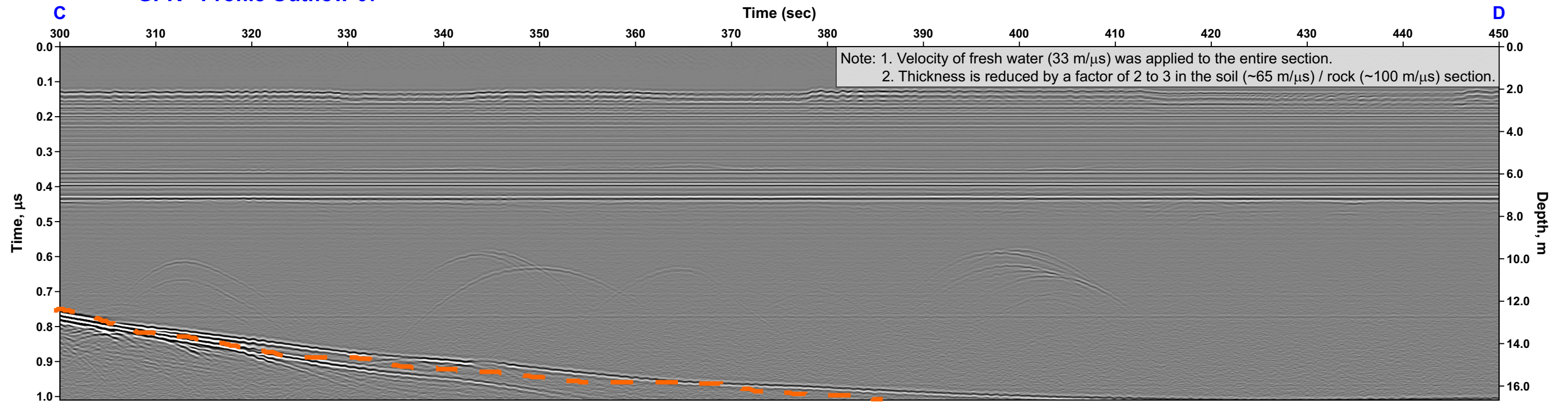


Figure E23 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-07 at the Springpole site, ON (Page 1 of 3).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Outflow-07



GPR - Profile Outflow-07

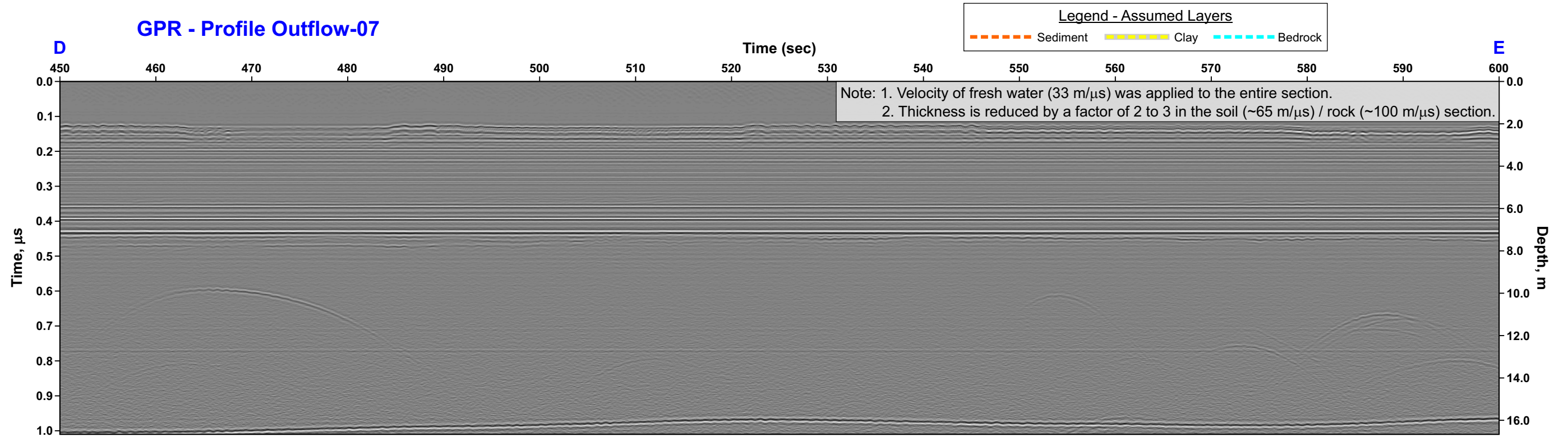


Figure E23 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-07 at the Springpole site, ON (Page 2 of 3).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Outflow-07

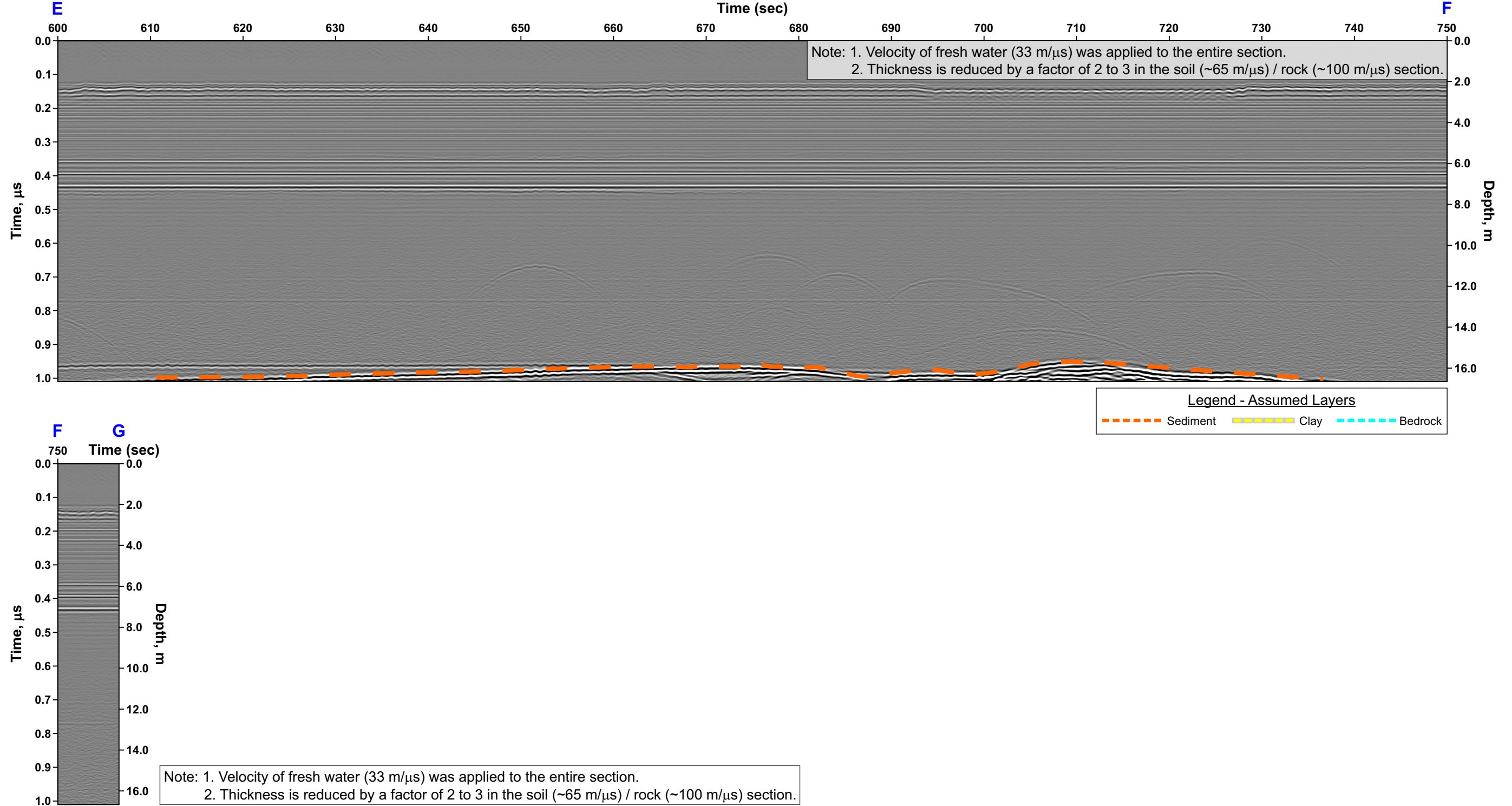
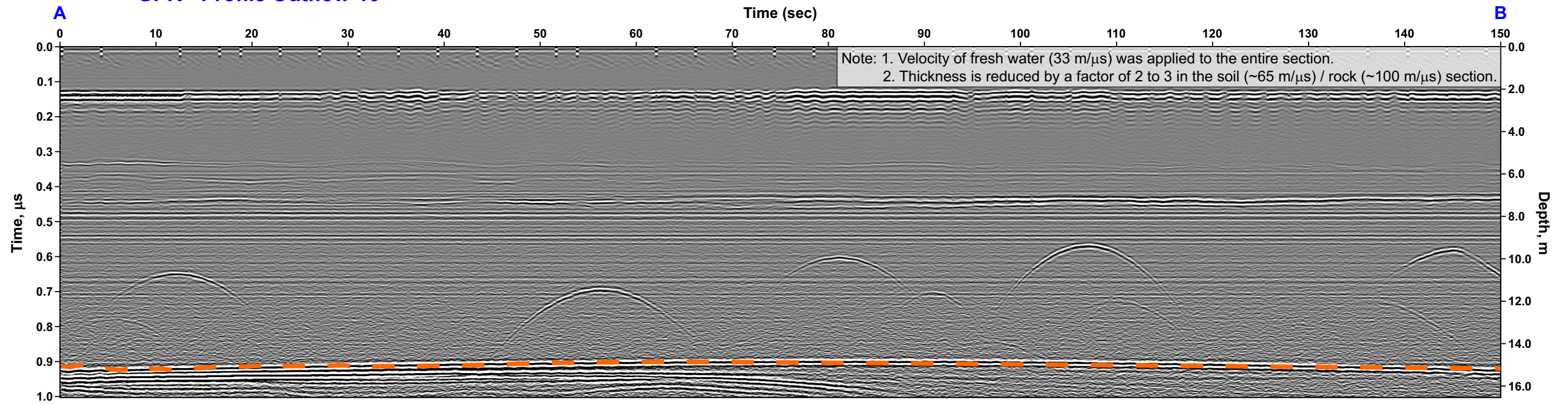


Figure E23 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-07 at the Springpole site, ON (Page 3 of 3).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Outflow-10



GPR - Profile Outflow-10

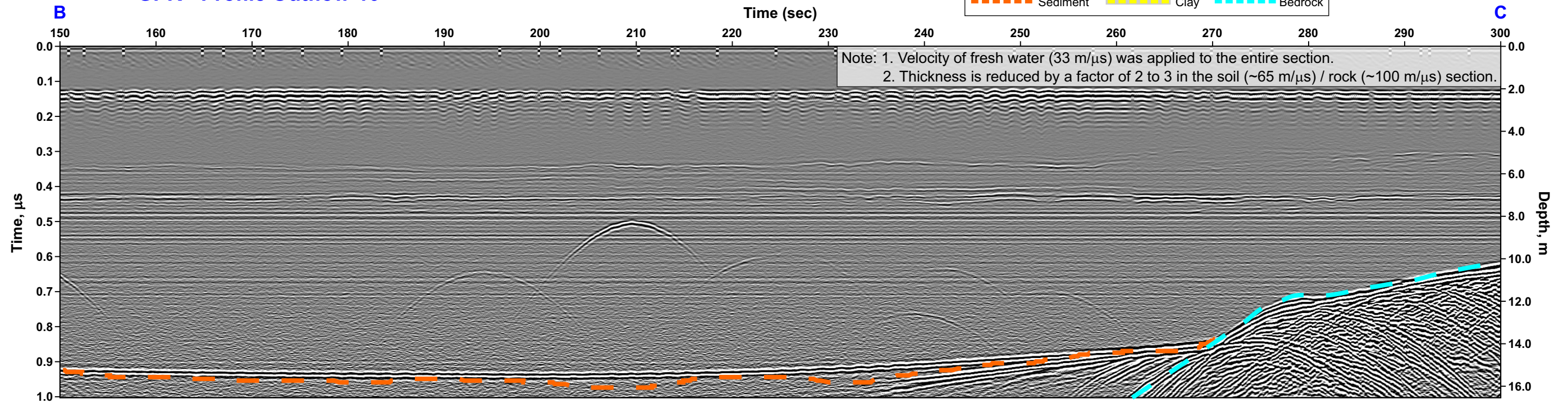
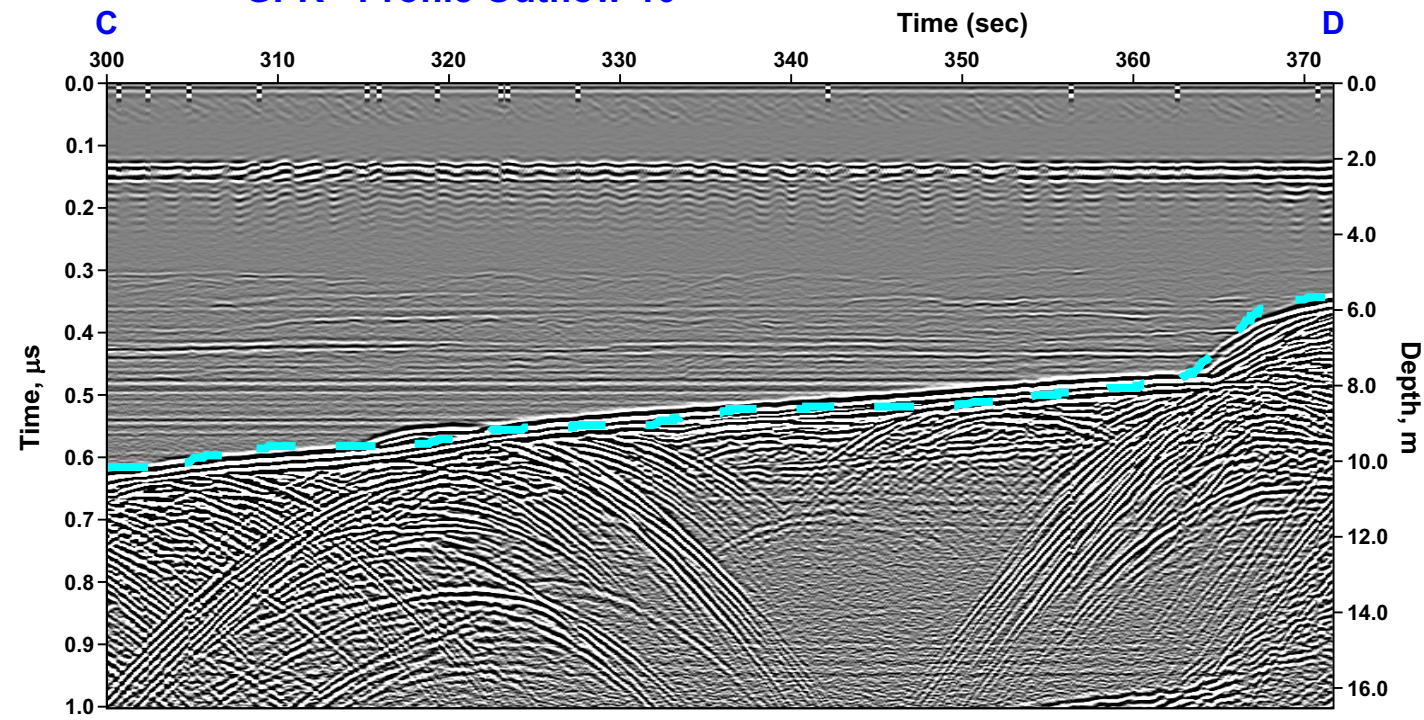


Figure E24 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-10 at the Springpole site, ON (Page 1 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Outflow-10



Note: 1. Velocity of fresh water (33 m/μs) was applied to the entire section.
 2. Thickness is reduced by a factor of 2 to 3 in the soil (~65 m/μs) / rock (~100 m/μs) section.

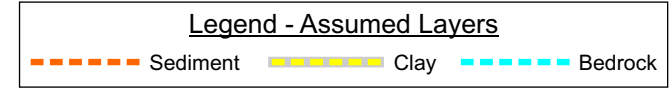


Figure E24 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-10 at the Springpole site, ON (Page 2 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



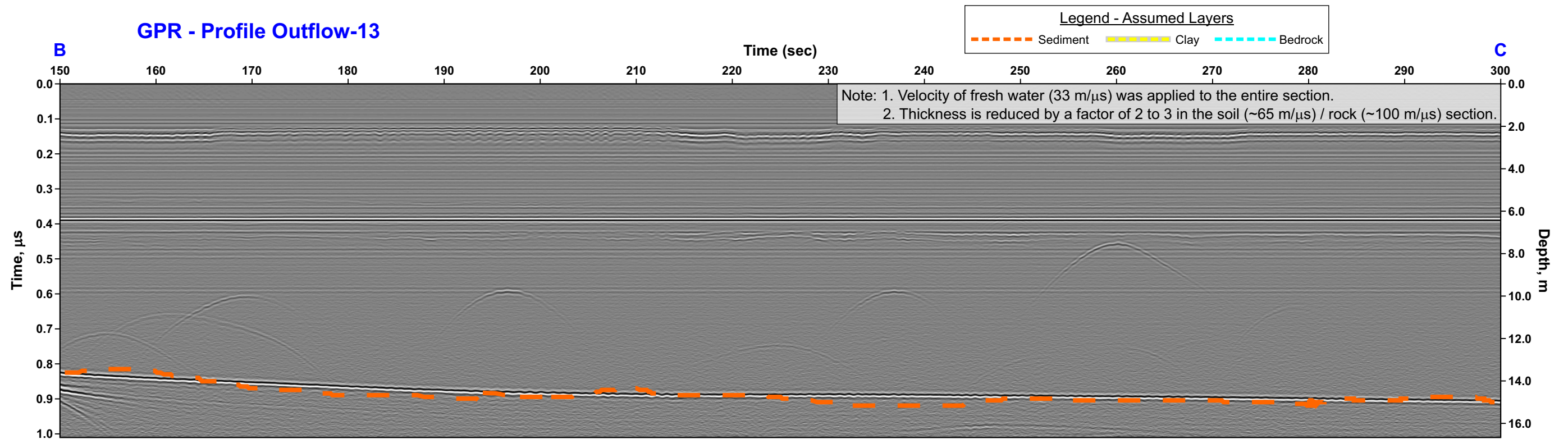
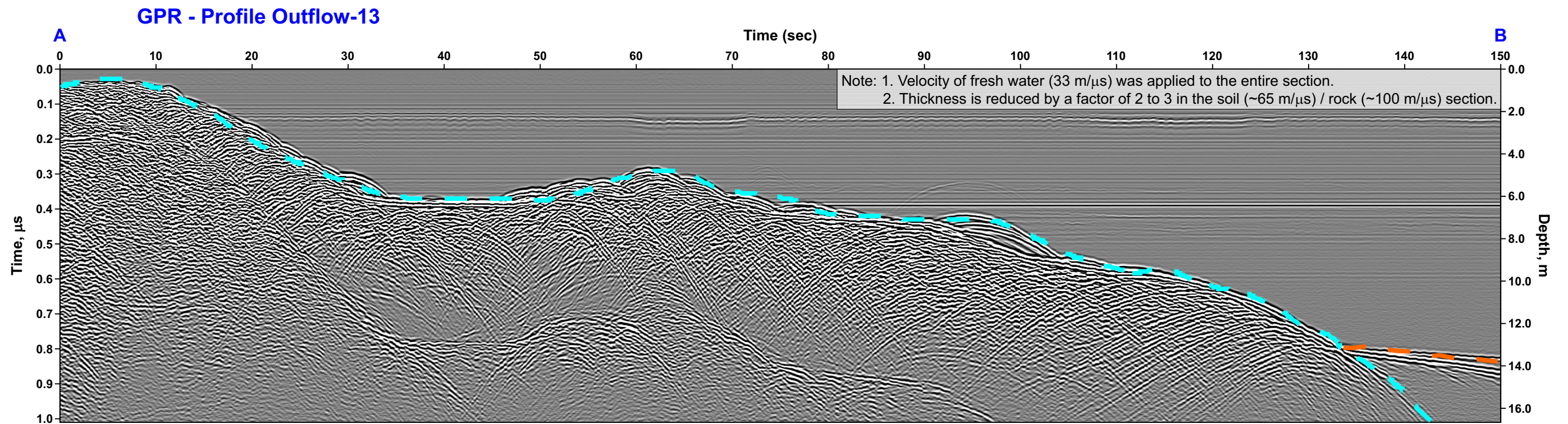
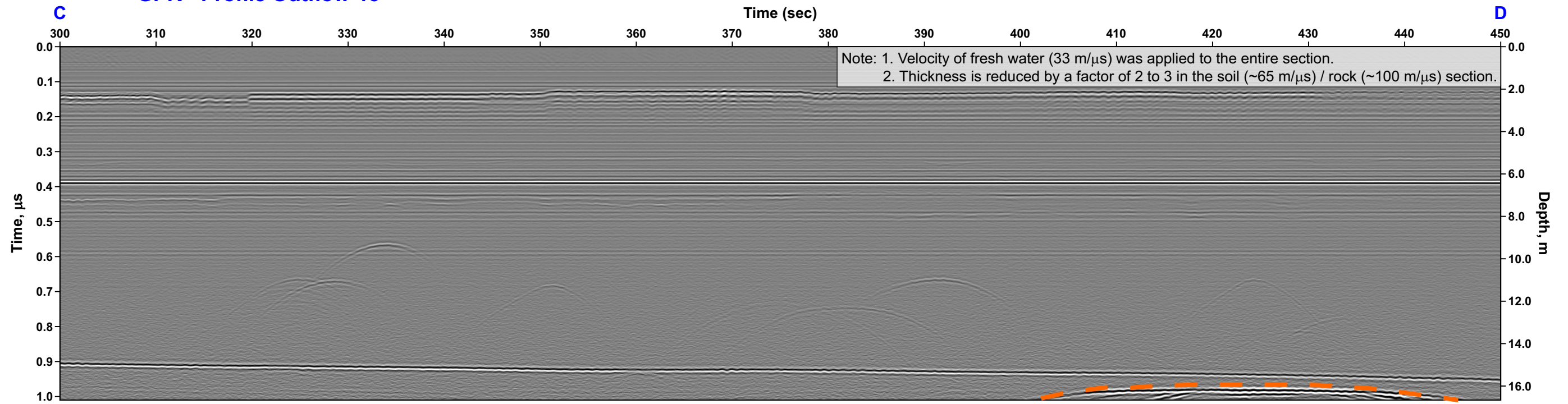


Figure E25 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-13 at the Springpole site, ON (Page 1 of 3).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Outflow-13



GPR - Profile Outflow-13

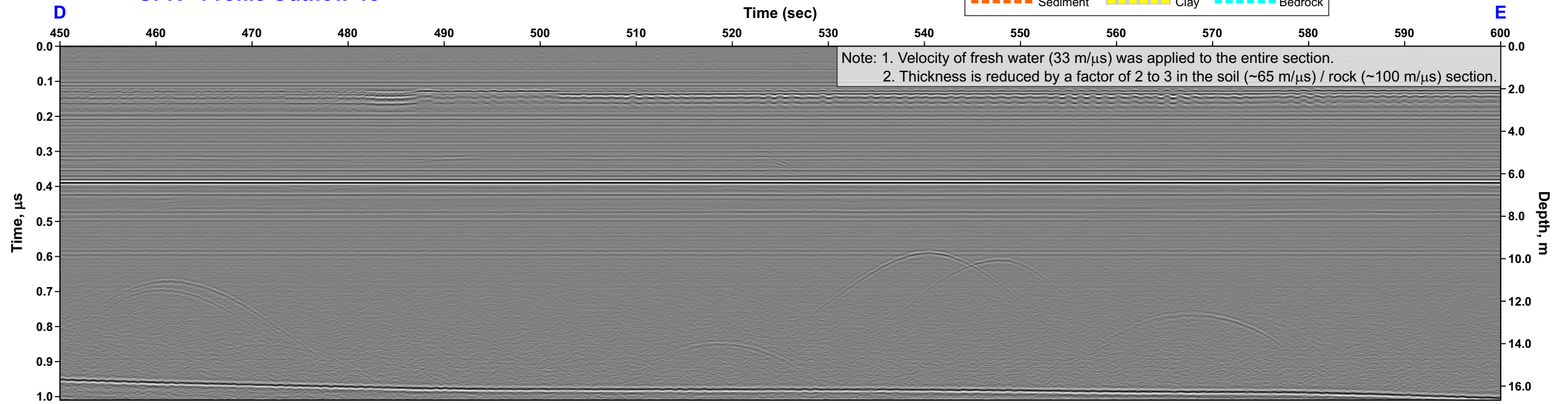
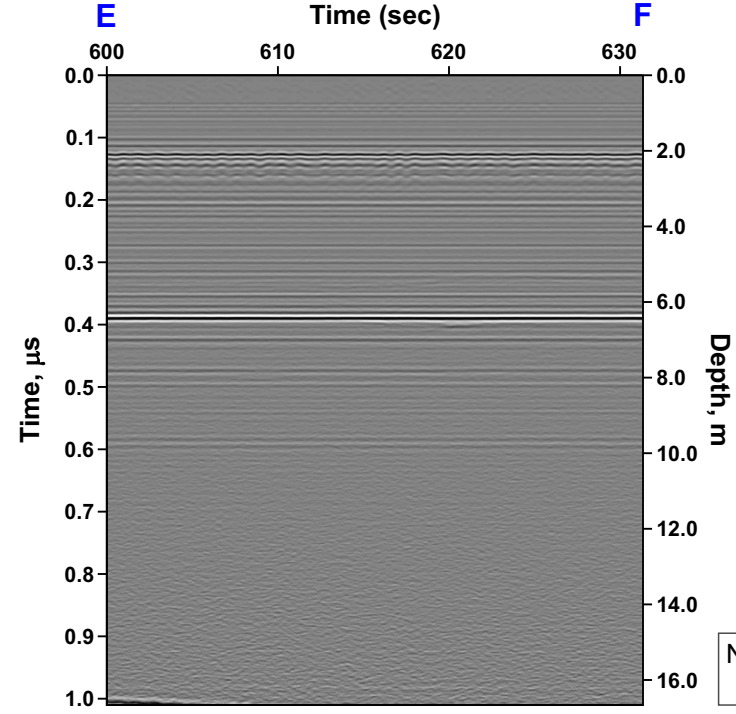


Figure E25 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-13 at the Springpole site, ON (Page 2 of 3).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Outflow-13



Note: 1. Velocity of fresh water (33 m/μs) was applied to the entire section.
 2. Thickness is reduced by a factor of 2 to 3 in the soil (~65 m/μs) / rock (~100 m/μs) section.

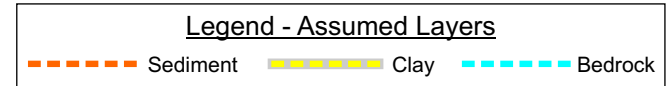
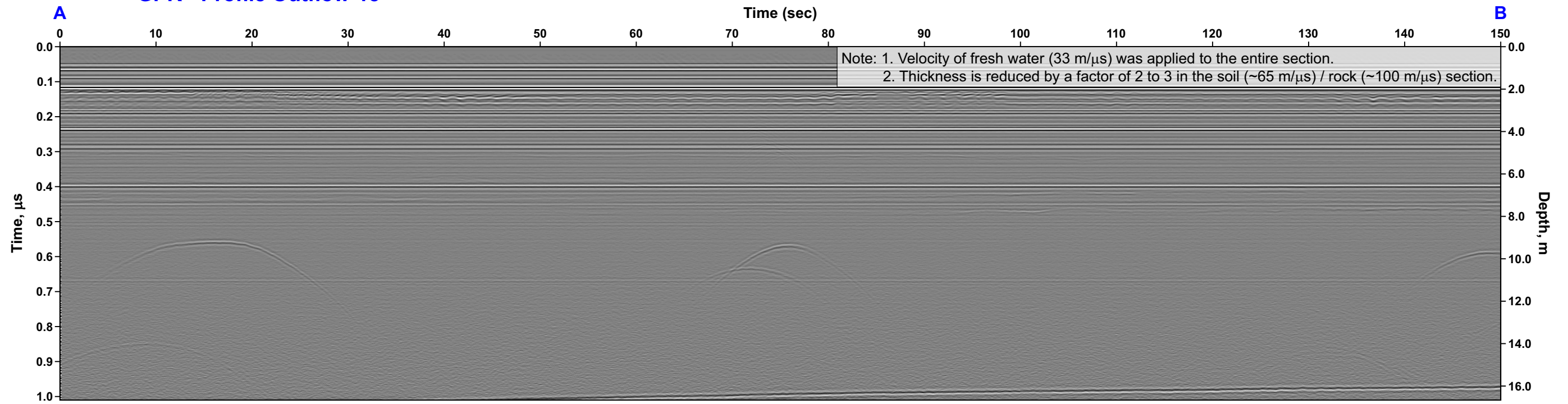


Figure E25 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-13 at the Springpole site, ON (Page 3 of 3).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Outflow-15



GPR - Profile Outflow-15

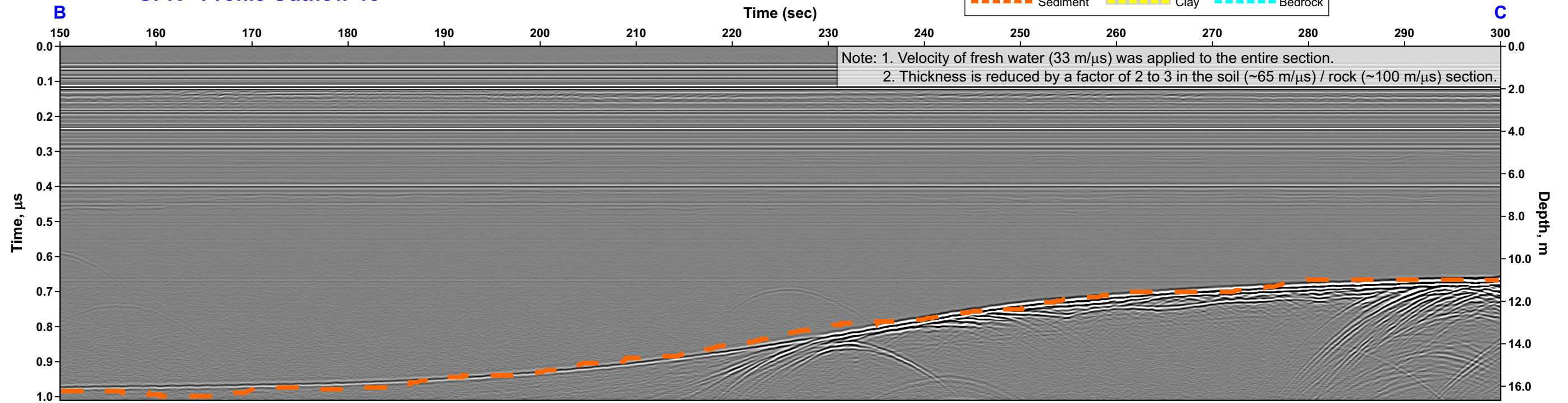
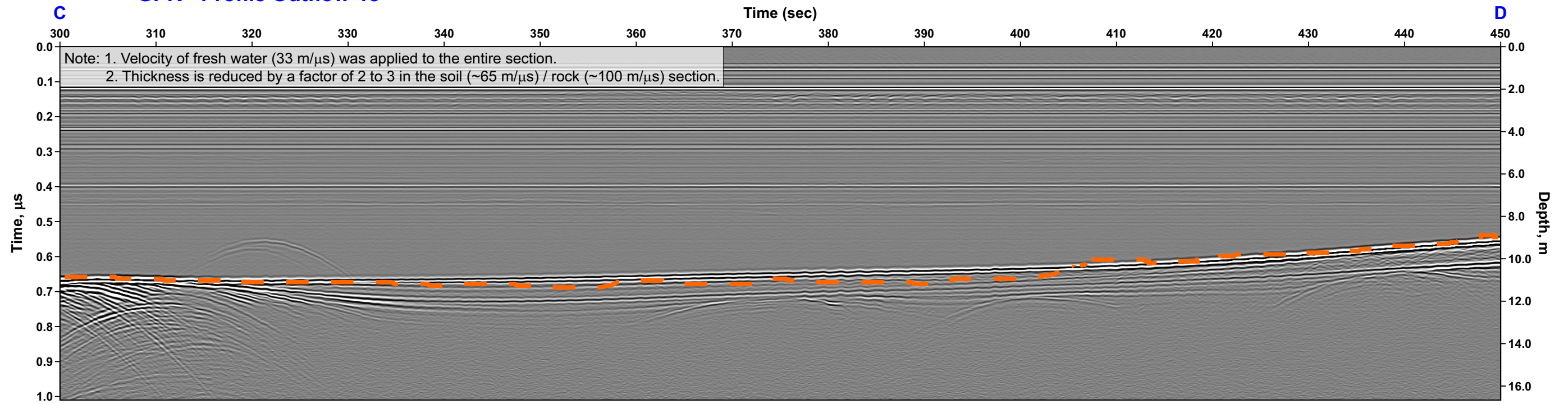


Figure E26 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-15 at the Springpole site, ON (Page 1 of 3).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Outflow-15



GPR - Profile Outflow-15

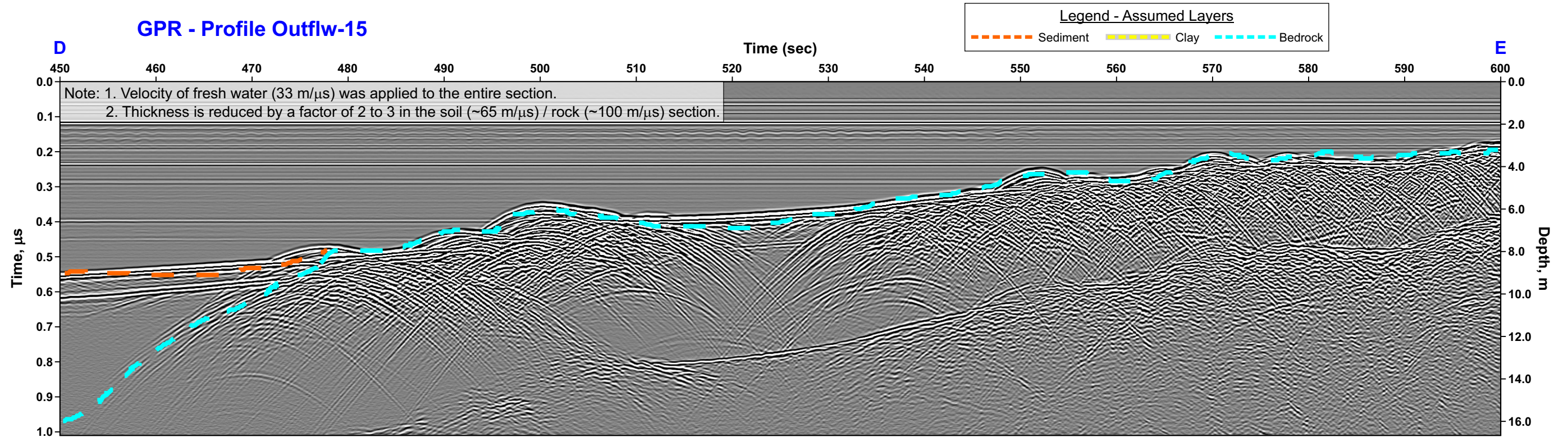


Figure E26 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-15 at the Springpole site, ON (Page 2 of 3).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



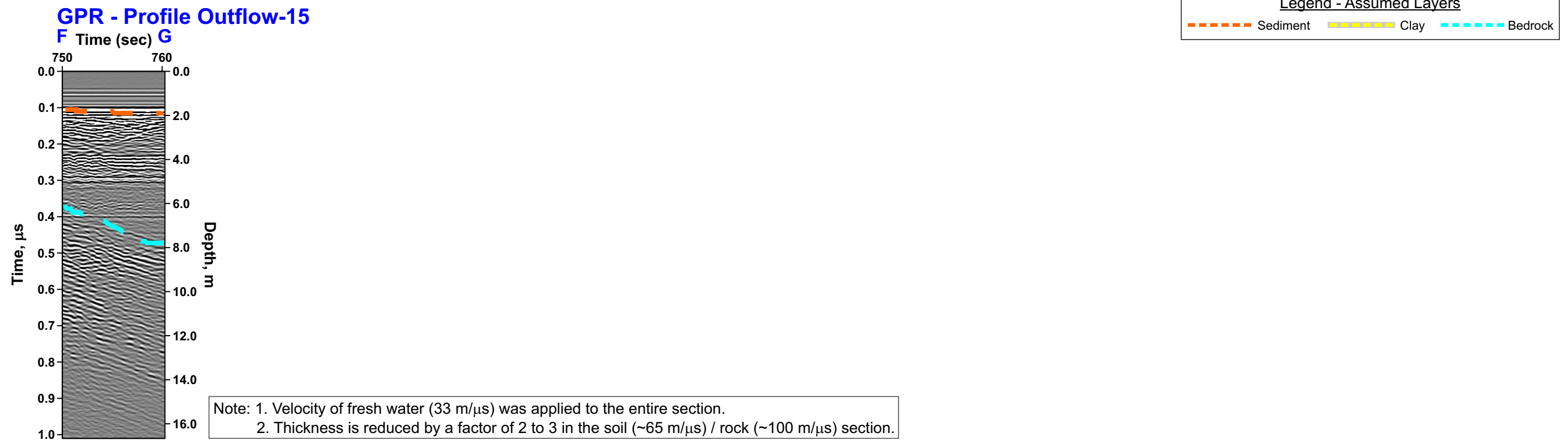
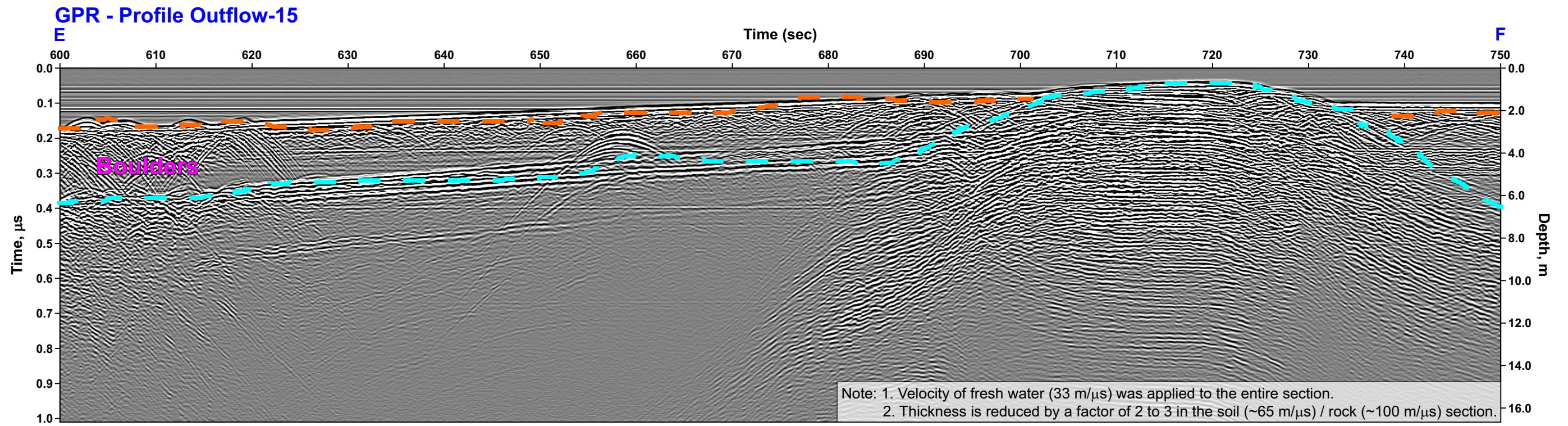
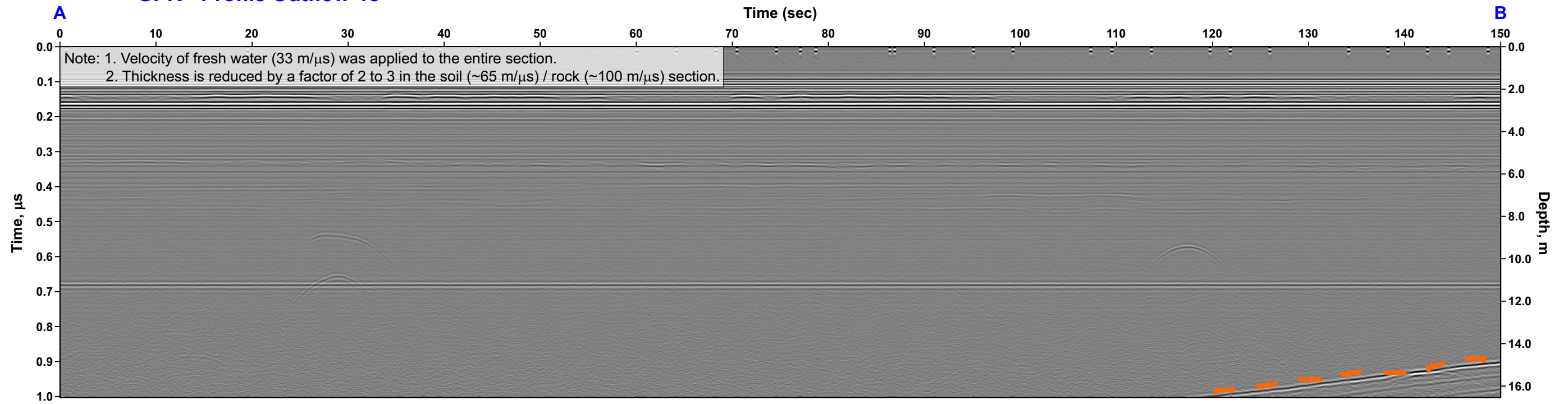


Figure E26 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-15 at the Springpole site, ON (Page 3 of 3).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Outflow-18



GPR - Profile Outflow-18

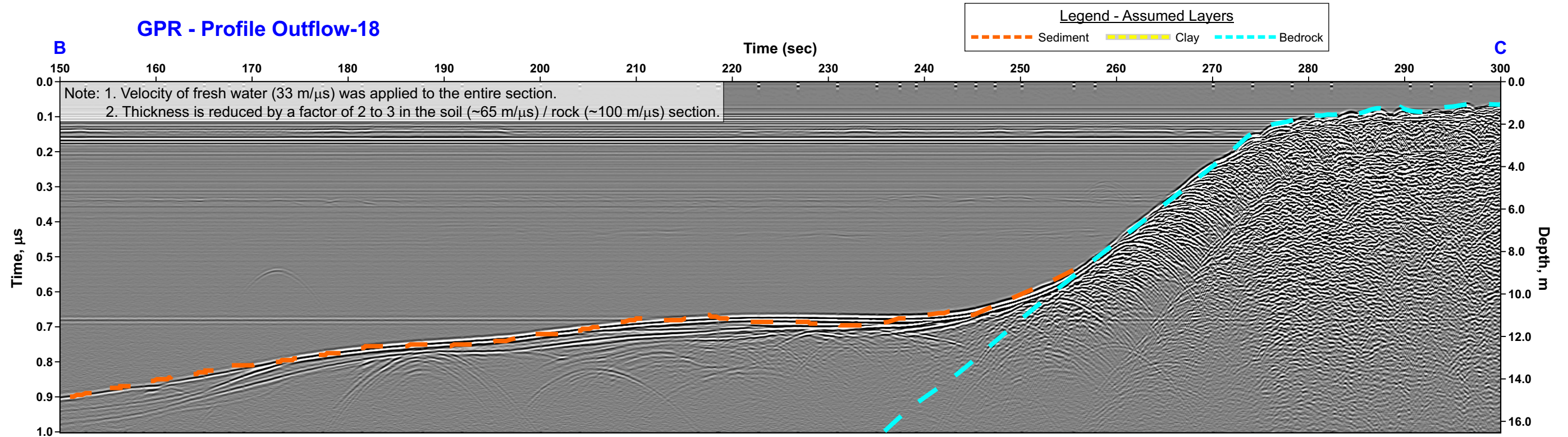
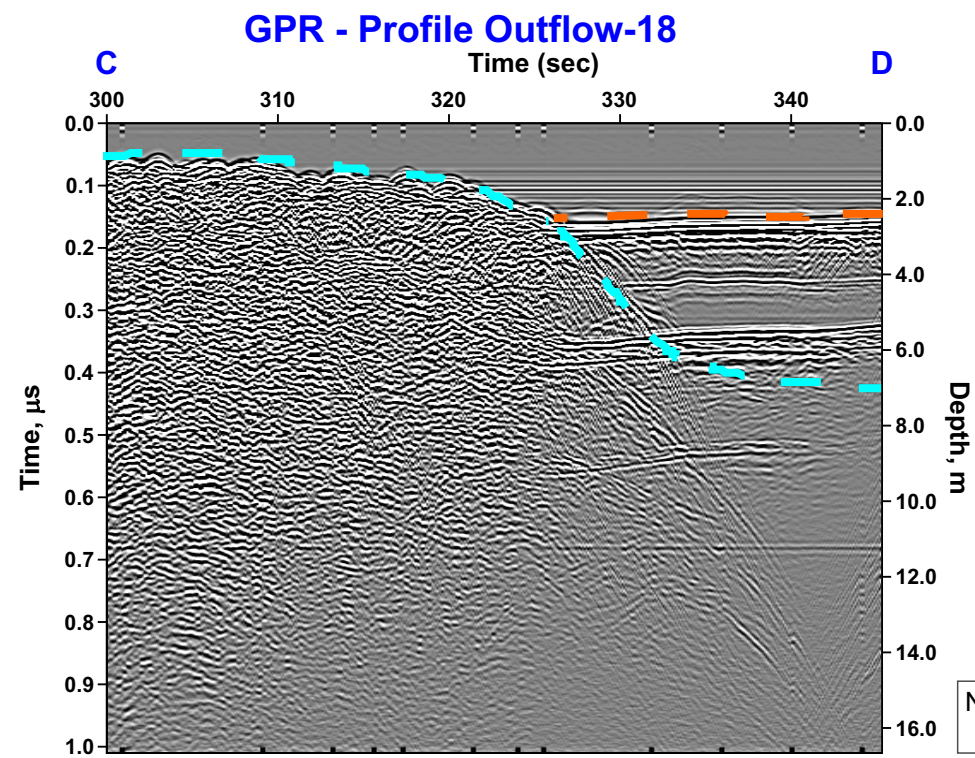


Figure E27 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-18 at the Springpole site, ON (Page 1 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021





Note: 1. Velocity of fresh water (33 m/μs) was applied to the entire section.
 2. Thickness is reduced by a factor of 2 to 3 in the soil (~65 m/μs) / rock (~100 m/μs) section.

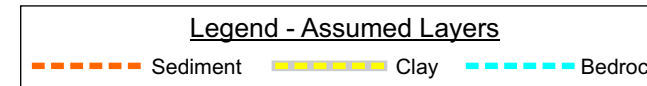


Figure E27 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-18 at the Springpole site, ON (Page 2 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



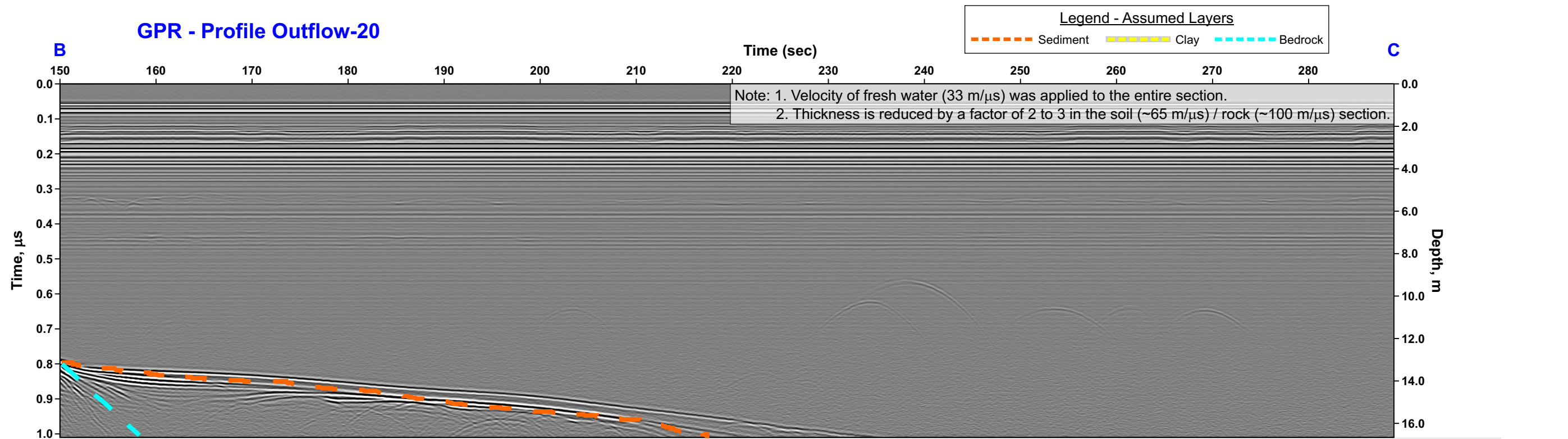
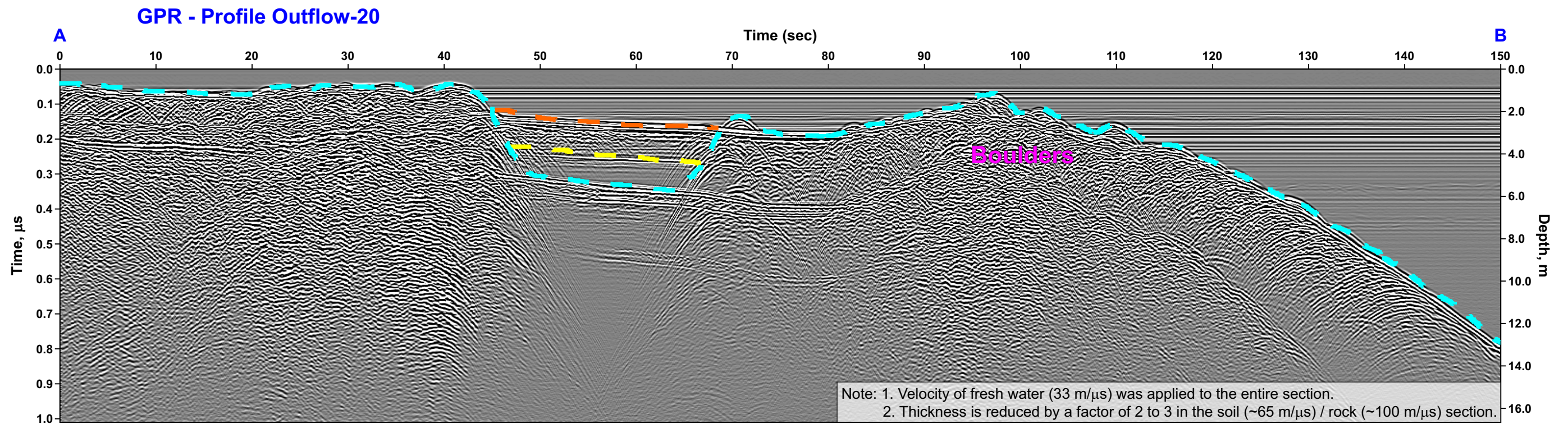
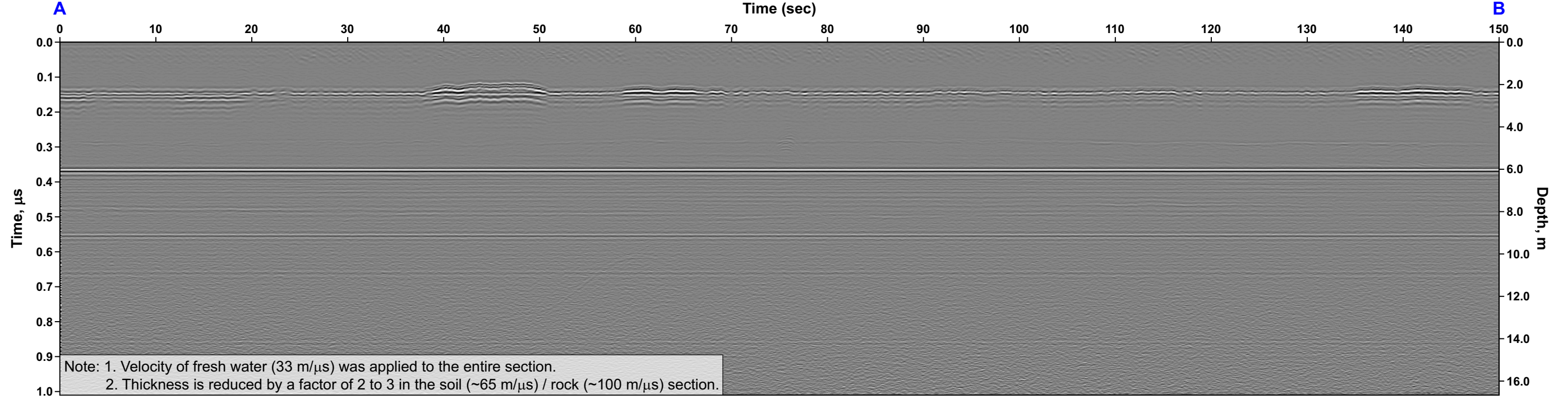


Figure E28 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-20 at the Springpole site, ON (Page 1 of 1).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Outflow-22



GPR - Profile Outflow-22

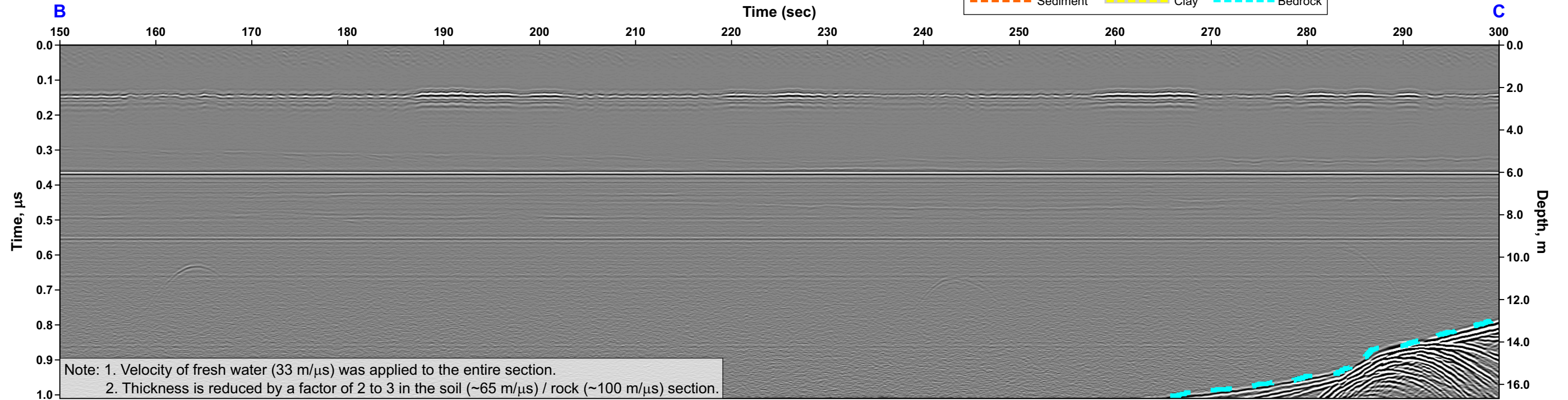


Figure E29 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-22 at the Springpole site, ON (Page 1 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Outflow-22

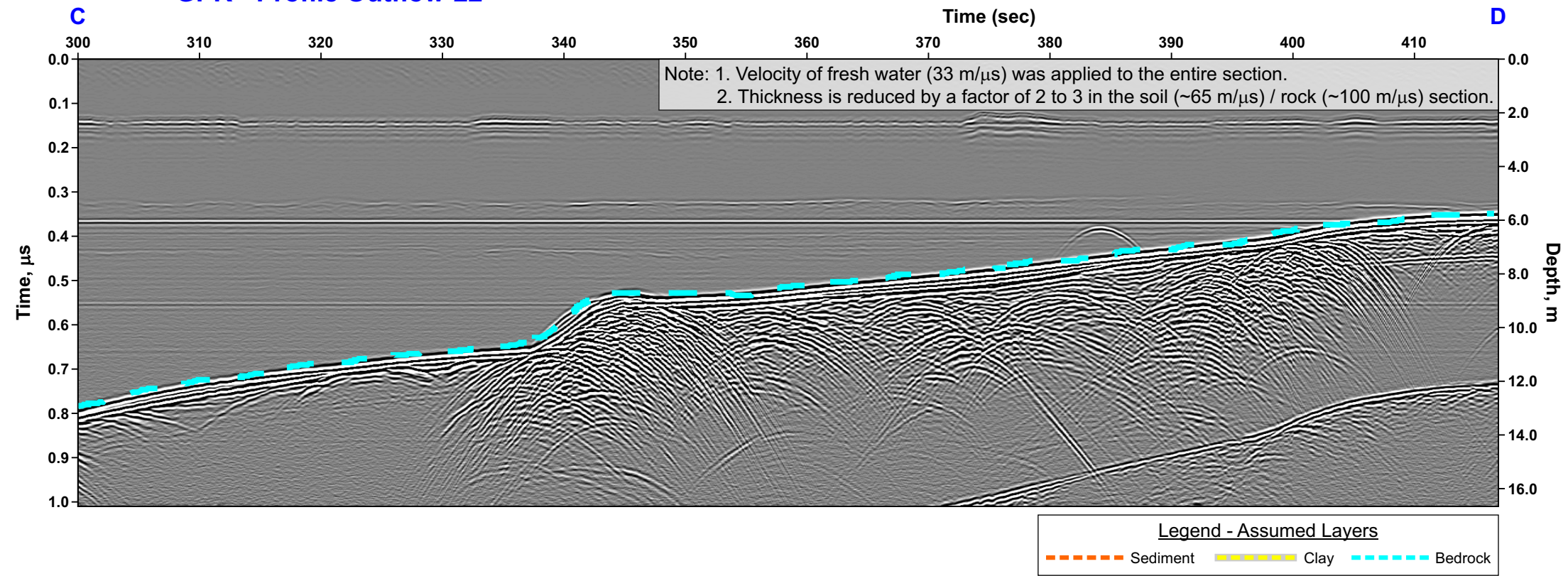
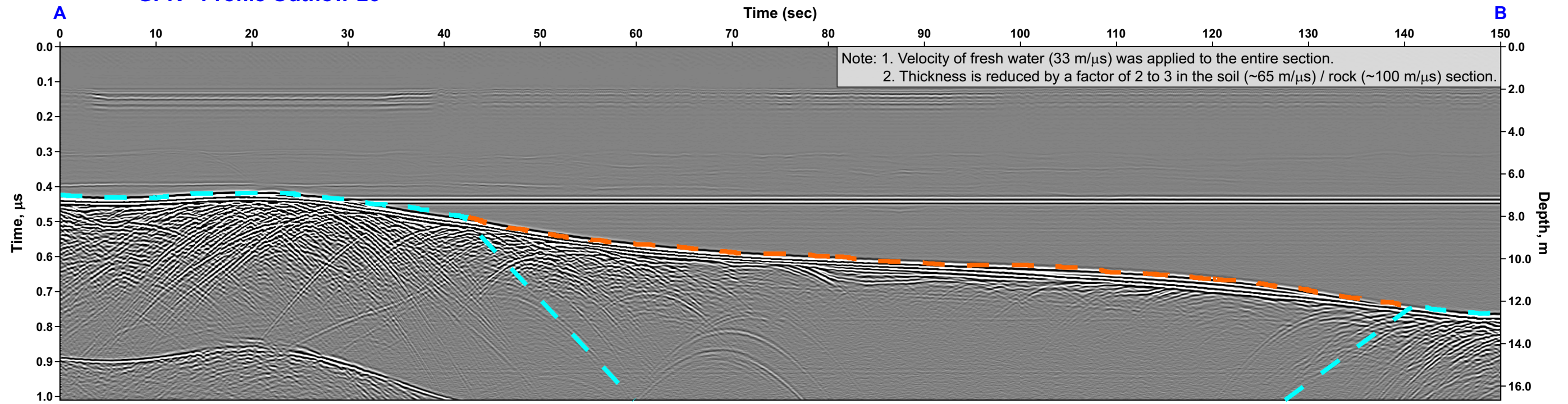


Figure E29 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-22 at the Springpole site, ON (Page 2 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Outflow-26



GPR - Profile Outflow-26

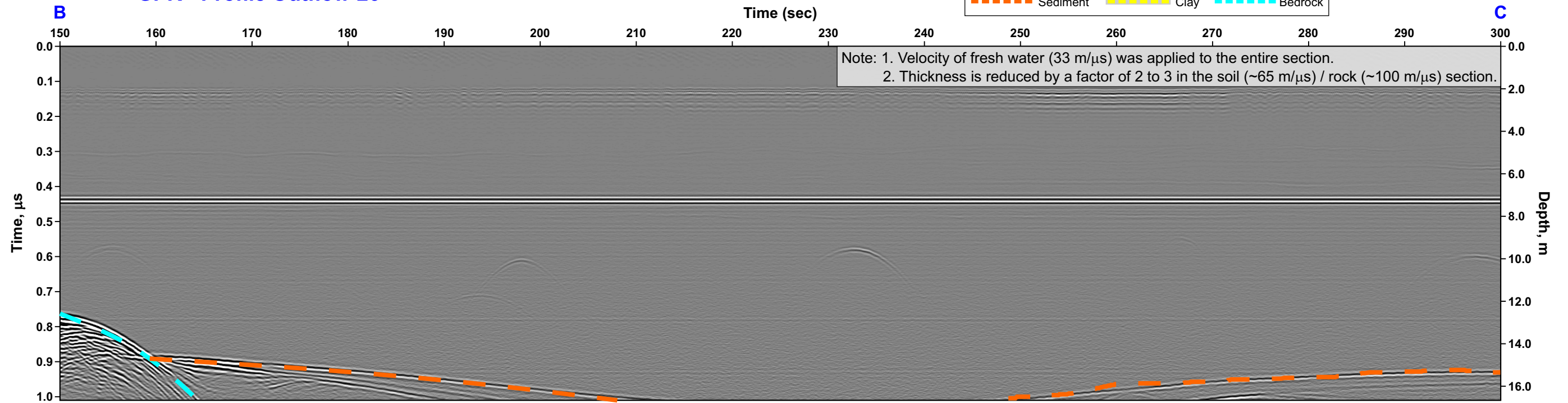


Figure E30 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-26 at the Springpole site, ON (Page 1 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Outflow-26

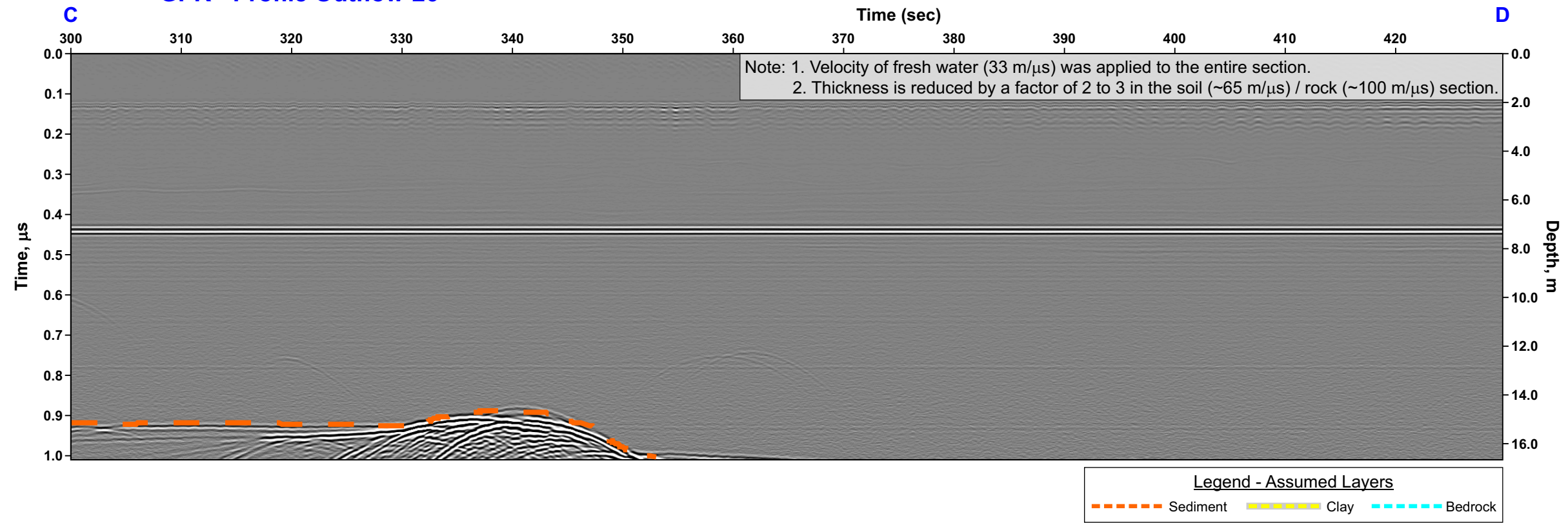


Figure E30 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-26 at the Springpole site, ON (Page 2 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



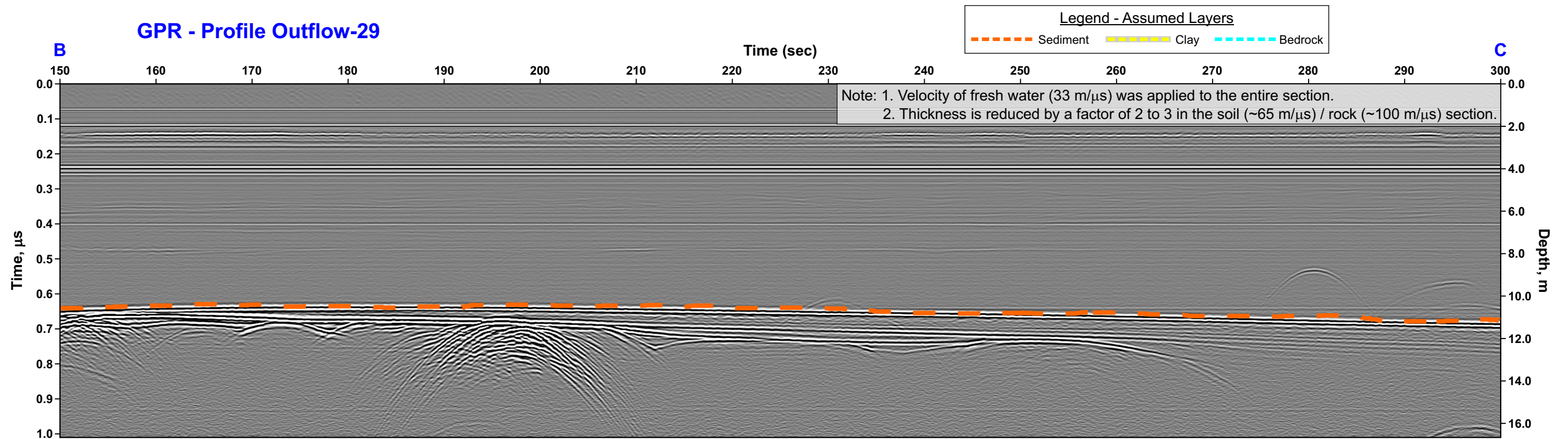
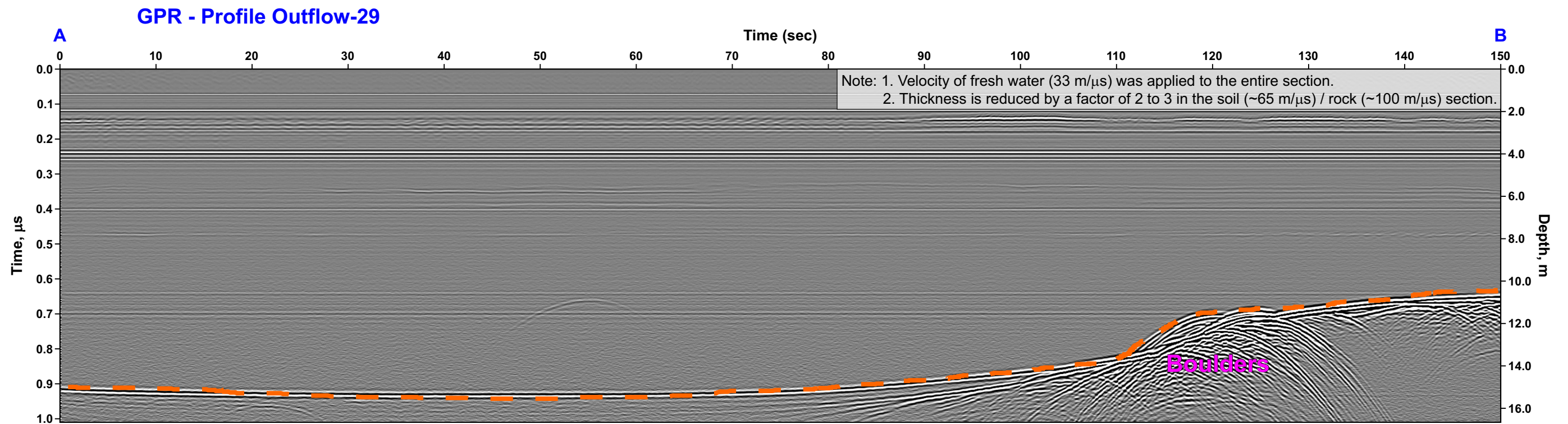
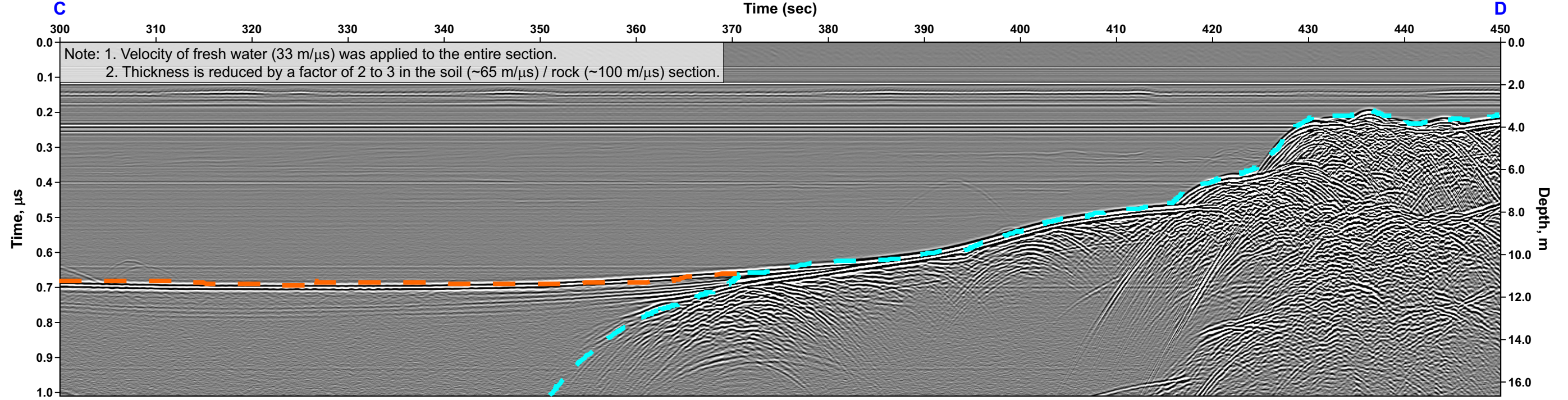


Figure E31 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-29 at the Springpole site, ON (Page 1 of 2).

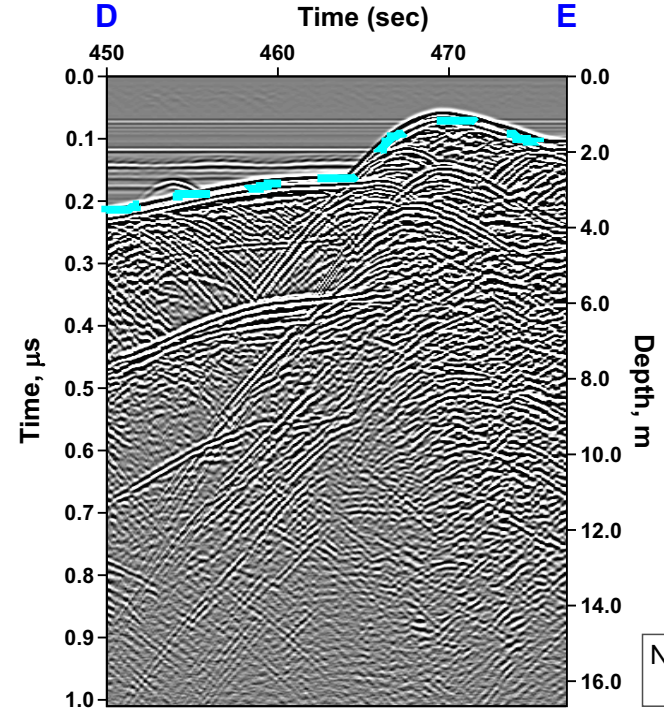
Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Outflow-29



GPR - Profile Outflow-29

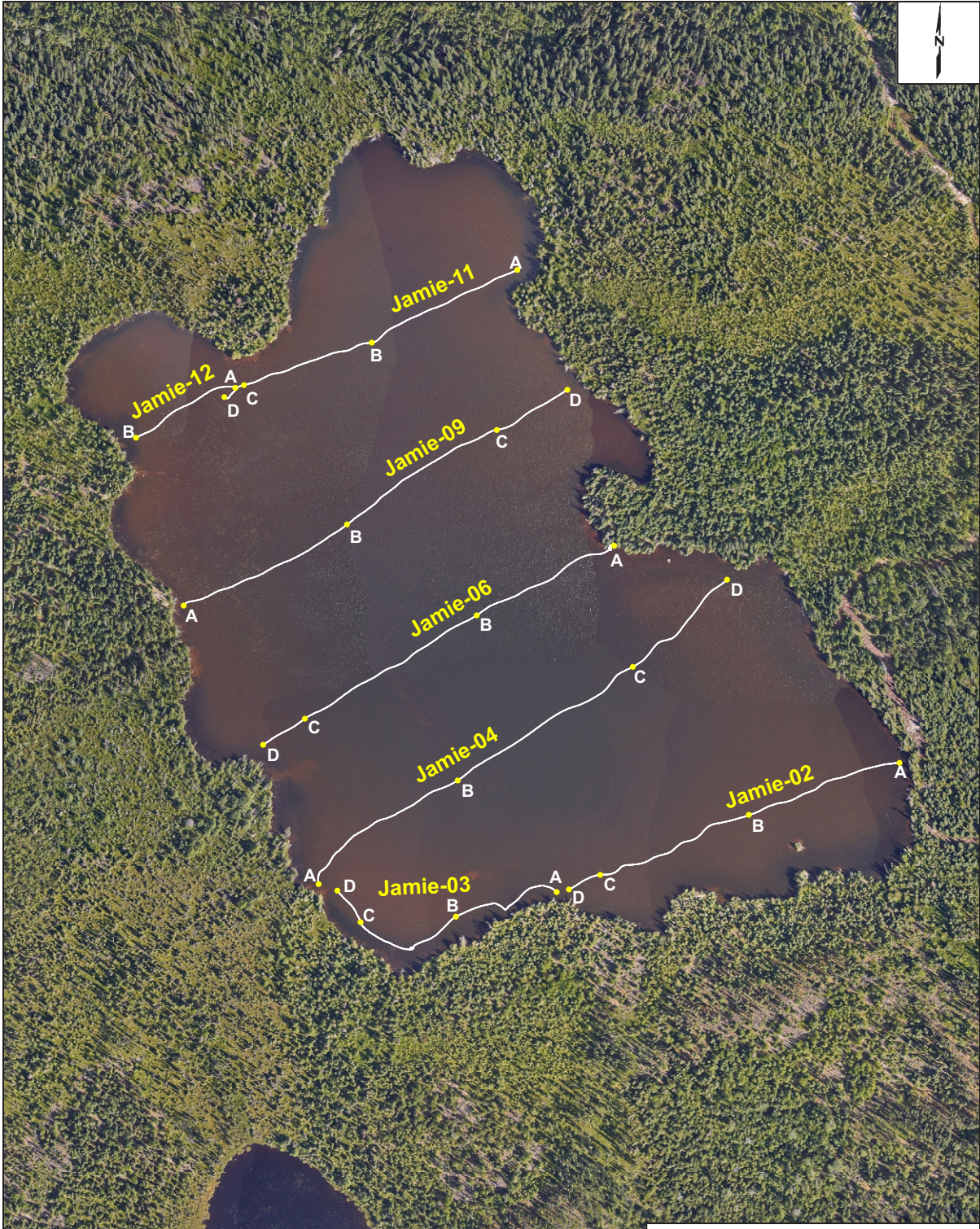


Note: 1. Velocity of fresh water (33 m/μs) was applied to the entire section.
 2. Thickness is reduced by a factor of 2 to 3 in the soil (~65 m/μs) / rock (~100 m/μs) section.

Figure E31 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Outflow-29 at the Springpole site, ON (Page 2 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021





Base orthorectified image by First Mining Gold (2020).

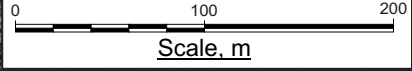


Figure E32 Location of the GPR survey conducted on the water (lake) surface at Jamie Lake in August 2020.

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



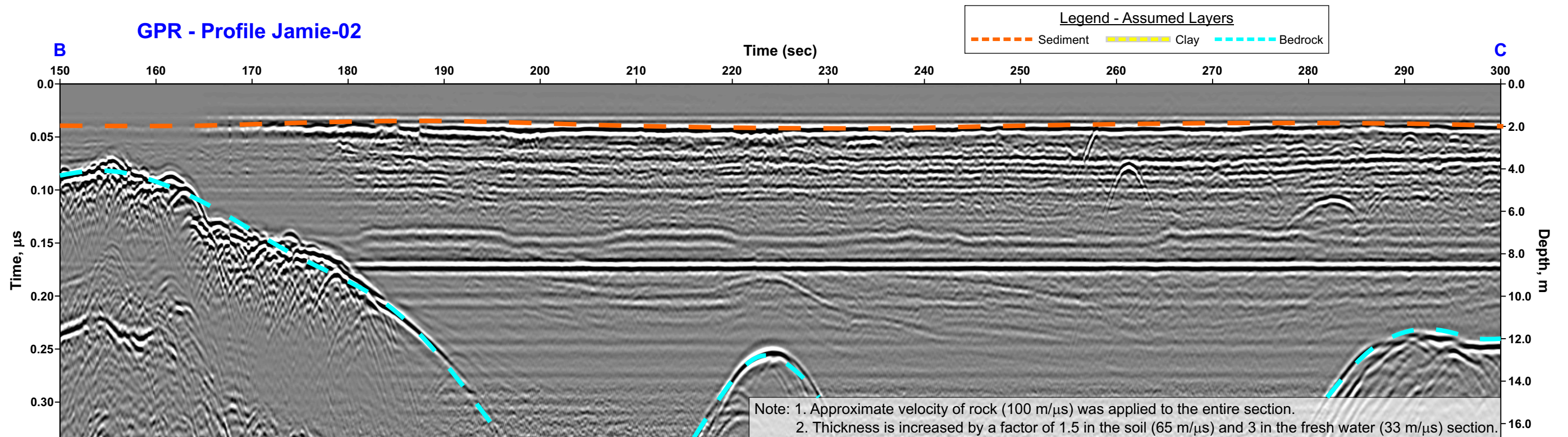
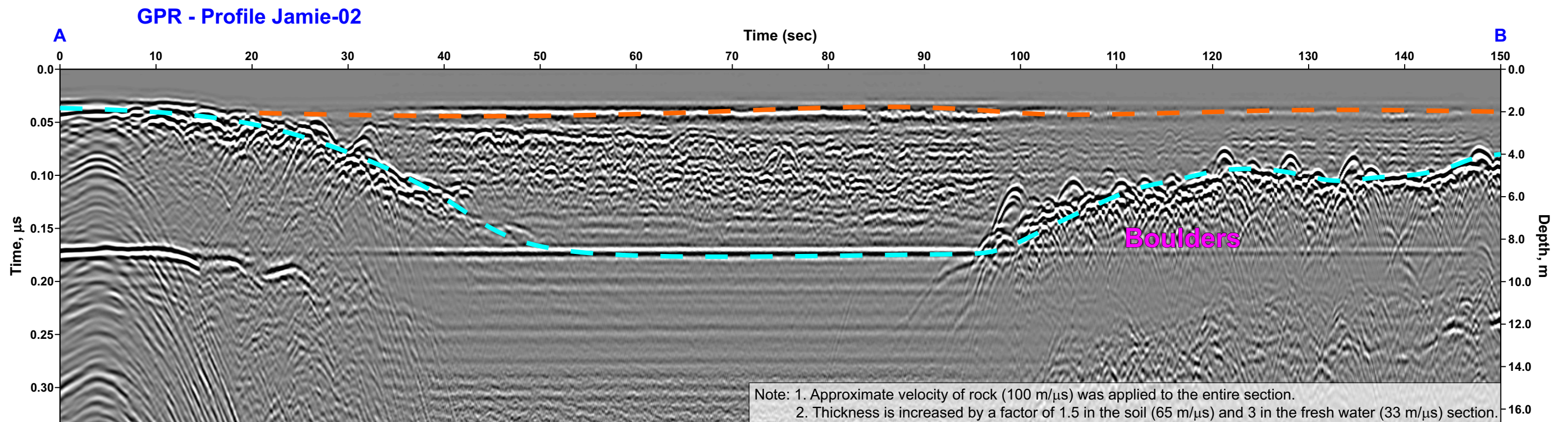
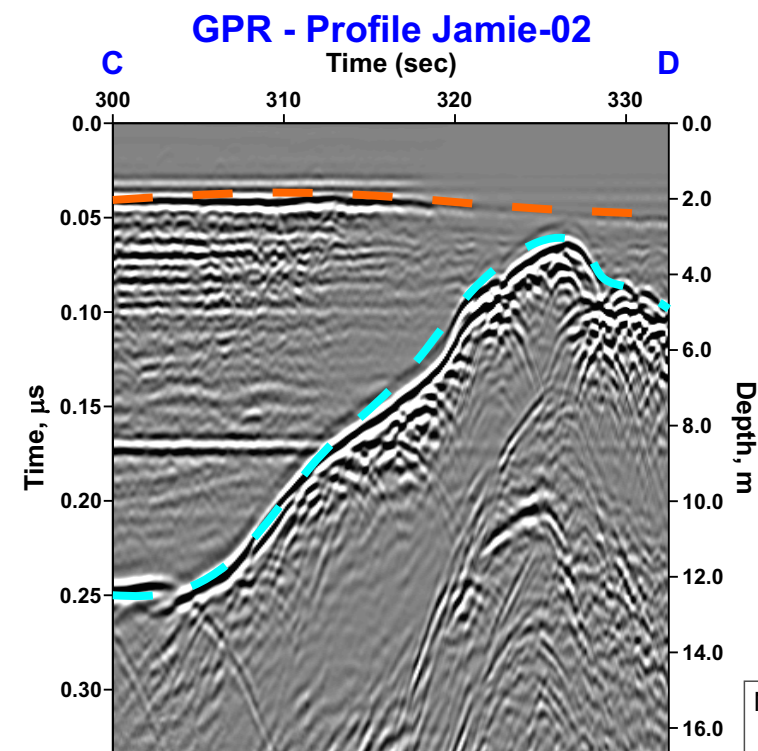


Figure E33 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Jamie-02 at the Springpole site, ON (Page 1 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021





Note: 1. Approximate velocity of rock ($100 \text{ m}/\mu\text{s}$) was applied to the entire section.
 2. Thickness is increased by a factor of 1.5 in the soil ($65 \text{ m}/\mu\text{s}$) and 3 in the fresh water ($33 \text{ m}/\mu\text{s}$) section.

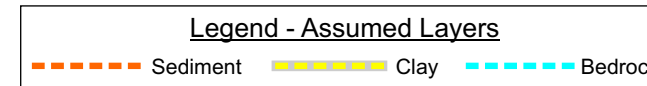
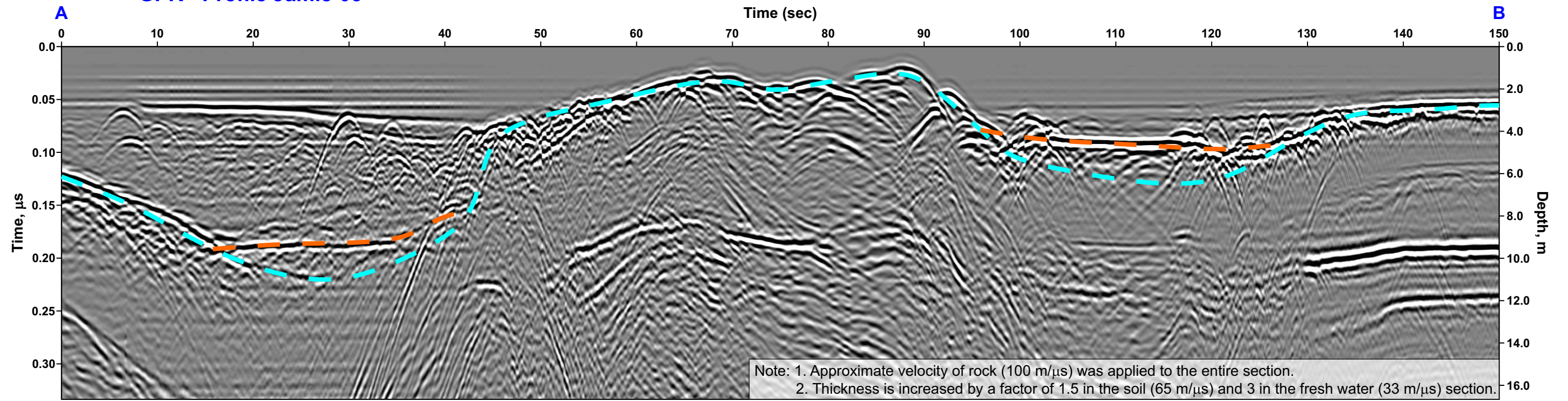


Figure E33 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Jamie-02 at the Springpole site, ON (Page 2 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Jamie-03



GPR - Profile Jamie-03

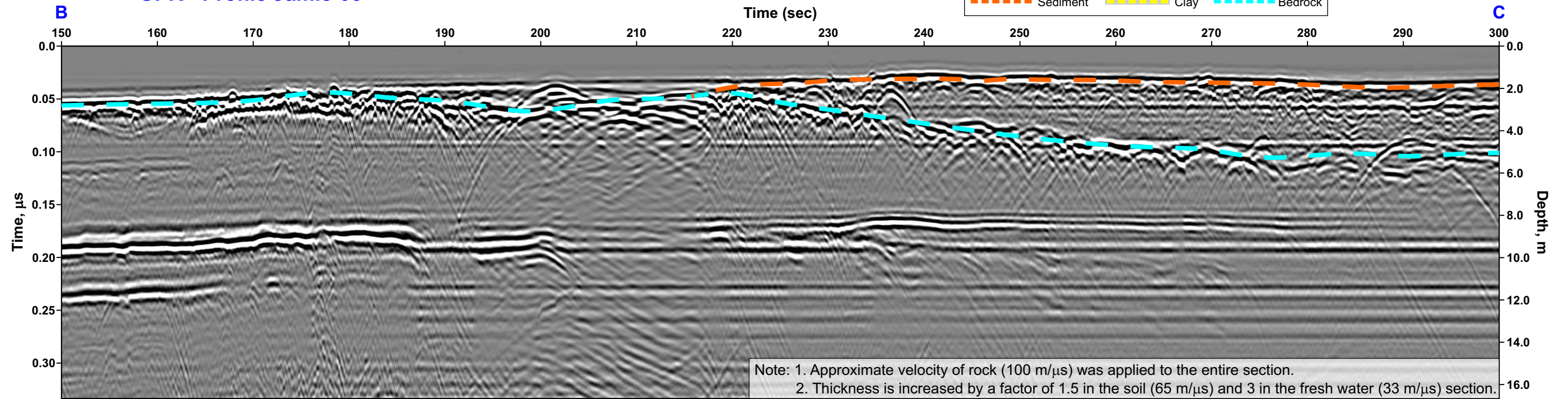
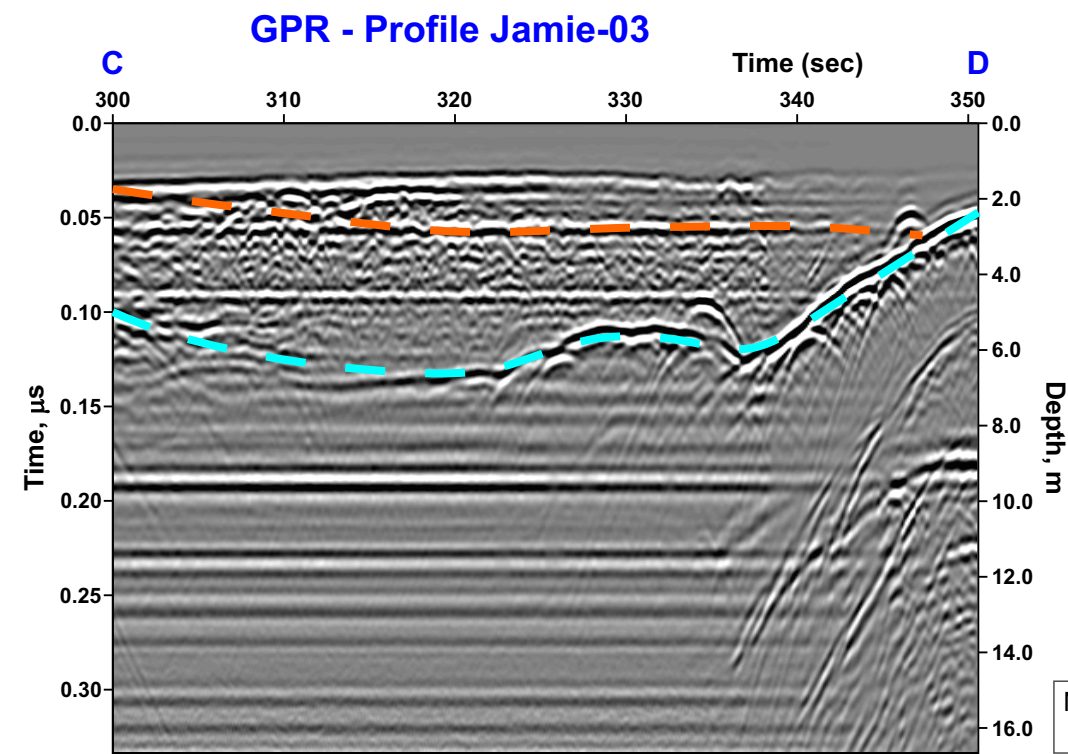


Figure E34 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Jamie-03 at the Springpole site, ON (Page 1 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021





Note: 1. Approximate velocity of rock ($100 \text{ m}/\mu\text{s}$) was applied to the entire section.
 2. Thickness is increased by a factor of 1.5 in the soil ($65 \text{ m}/\mu\text{s}$) and 3 in the fresh water ($33 \text{ m}/\mu\text{s}$) section.



Figure E34 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Jamie-03 at the Springpole site, ON (Page 2 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



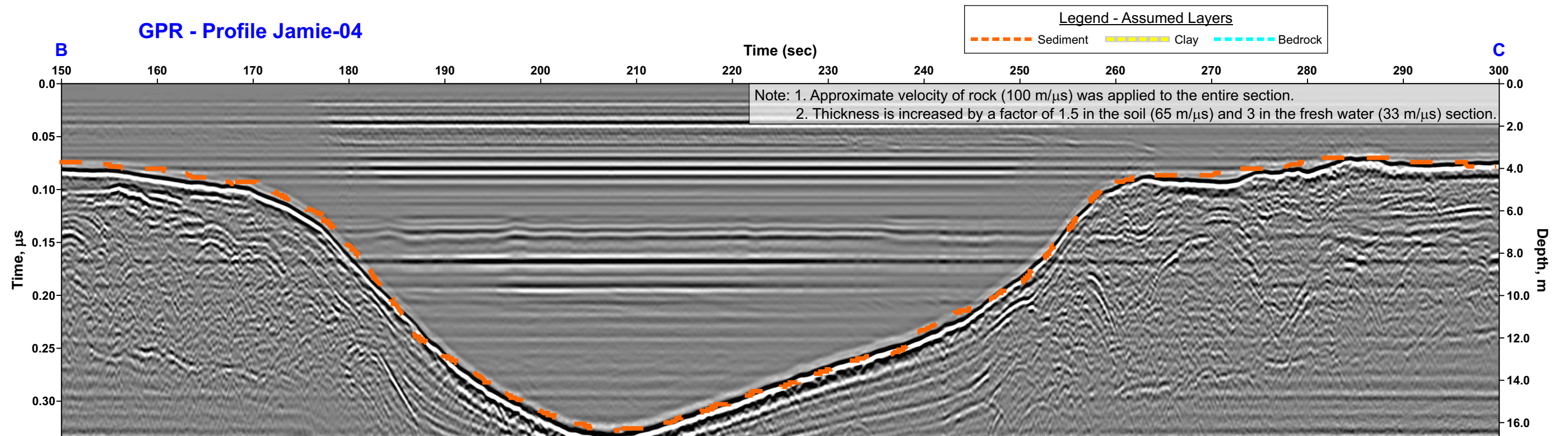
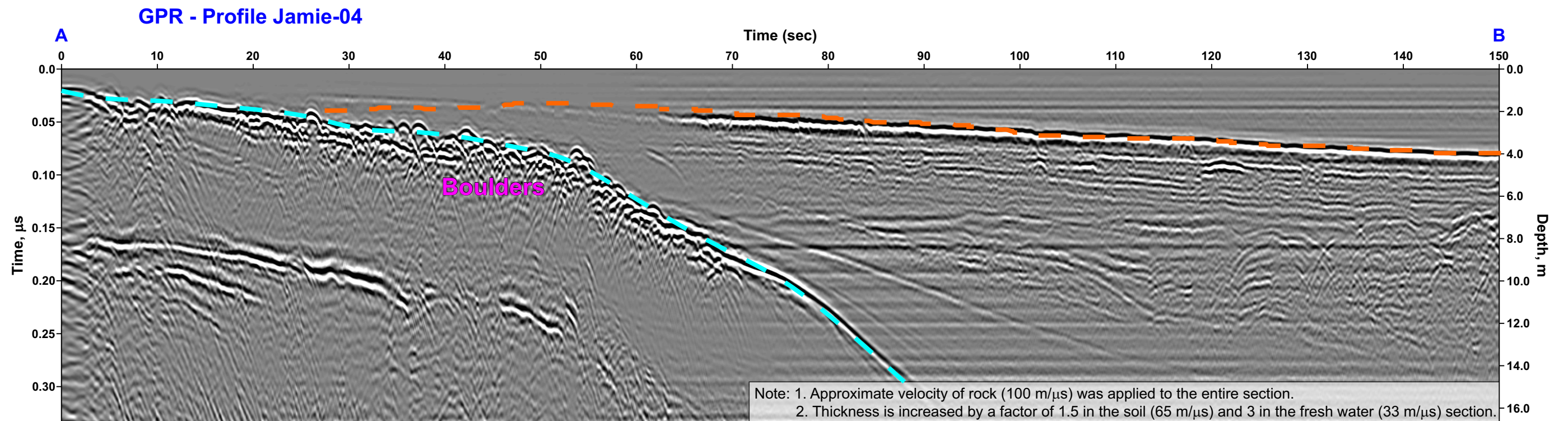
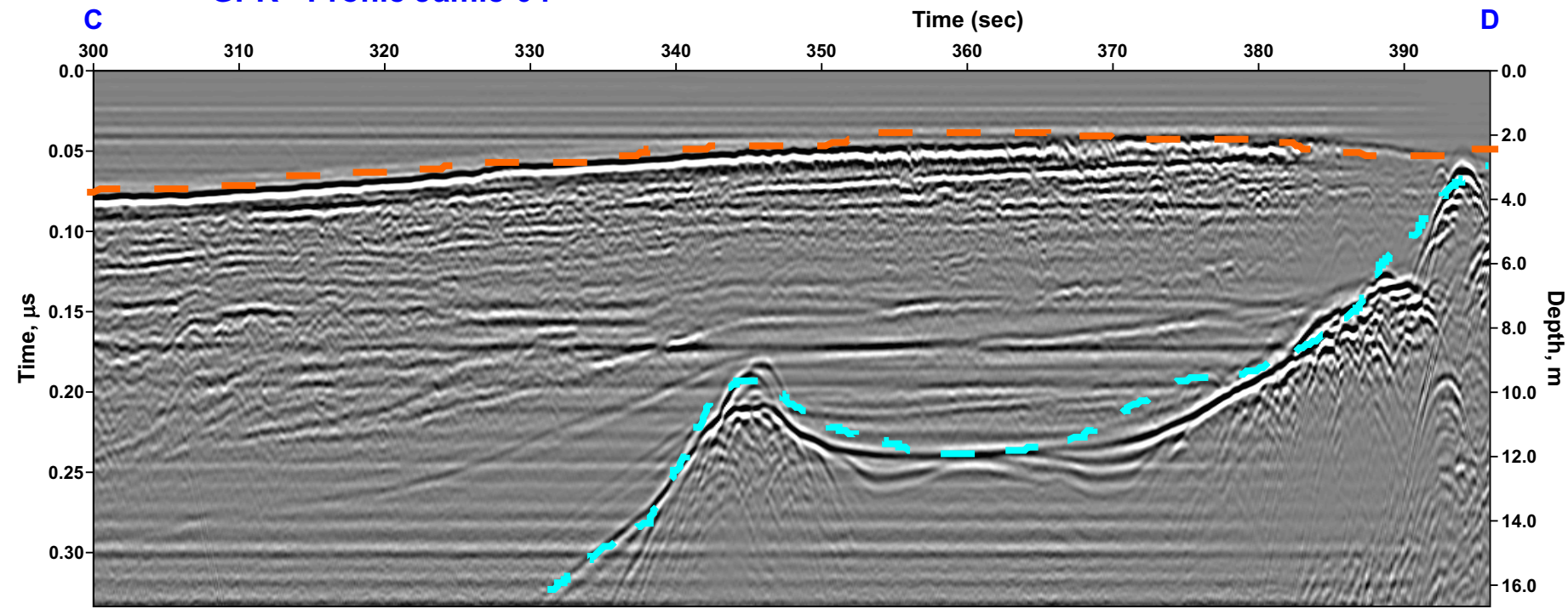


Figure E35 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Jamie-04 at the Springpole site, ON (Page 1 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Jamie-04



Note: 1. Approximate velocity of rock (100 m/μs) was applied to the entire section.
 2. Thickness is increased by a factor of 1.5 in the soil (65 m/μs) and 3 in the fresh water (33 m/μs) section.

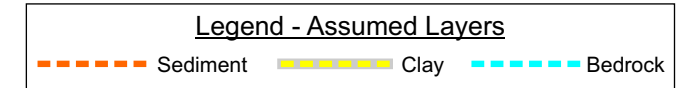


Figure E35 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Jamie-04 at the Springpole site, ON (Page 2 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



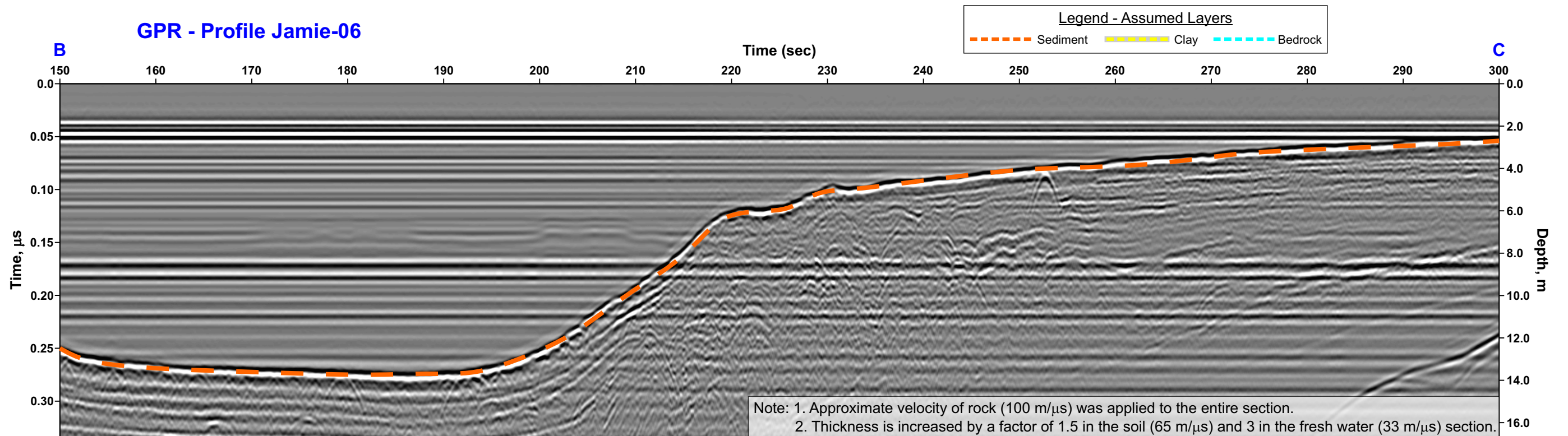
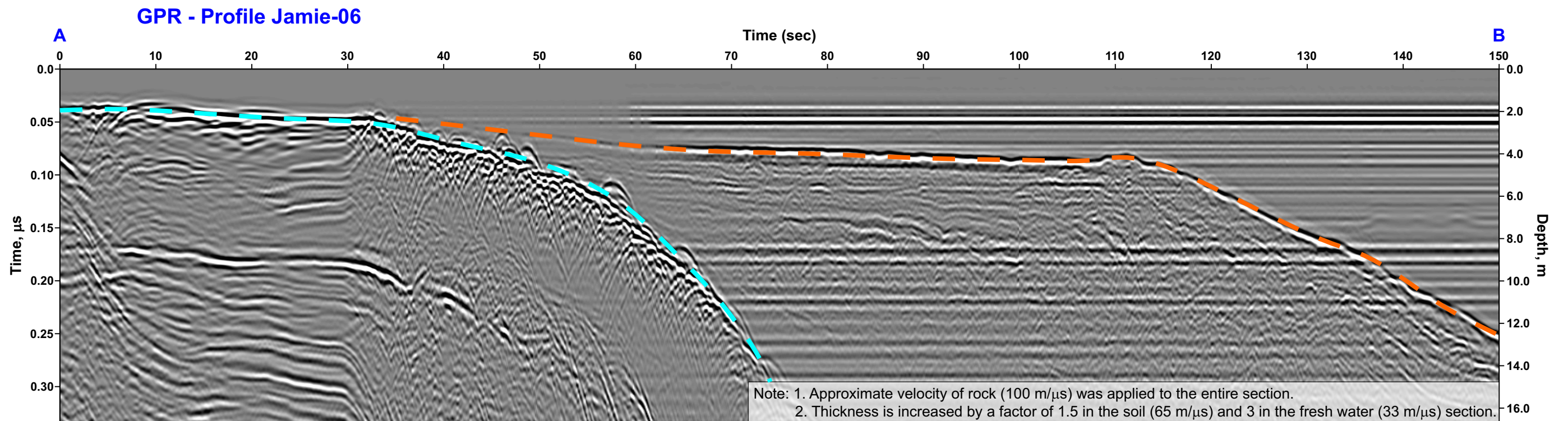
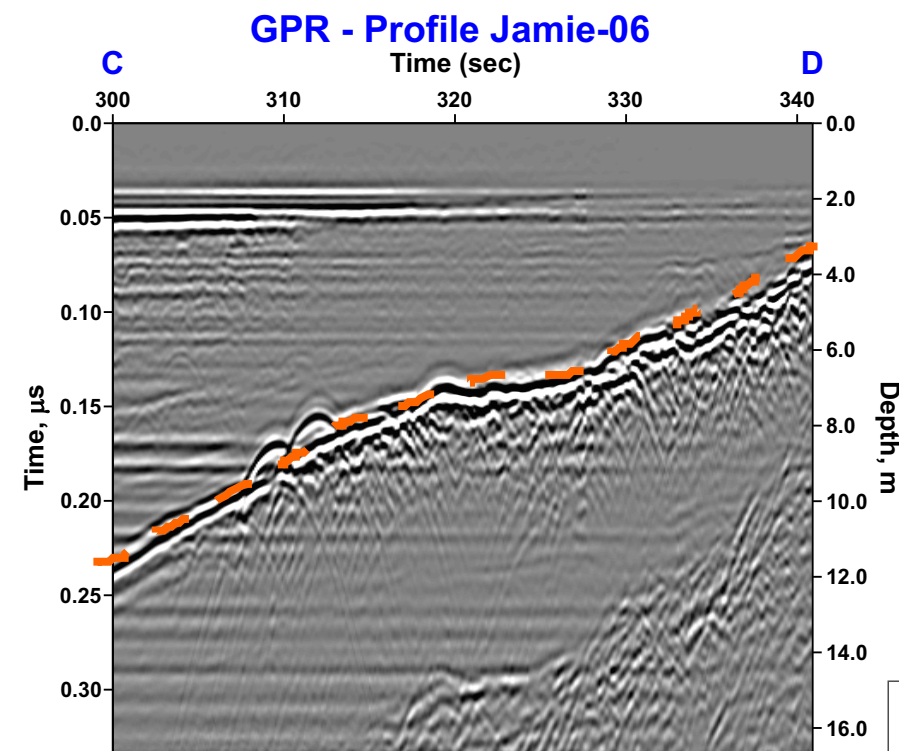


Figure E36 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Jamie-06 at the Springpole site, ON (Page 1 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021





Note: 1. Approximate velocity of rock ($100 \text{ m}/\mu\text{s}$) was applied to the entire section.
 2. Thickness is increased by a factor of 1.5 in the soil ($65 \text{ m}/\mu\text{s}$) and 3 in the fresh water ($33 \text{ m}/\mu\text{s}$) section.



Figure E36 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Jamie-06 at the Springpole site, ON (Page 2 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



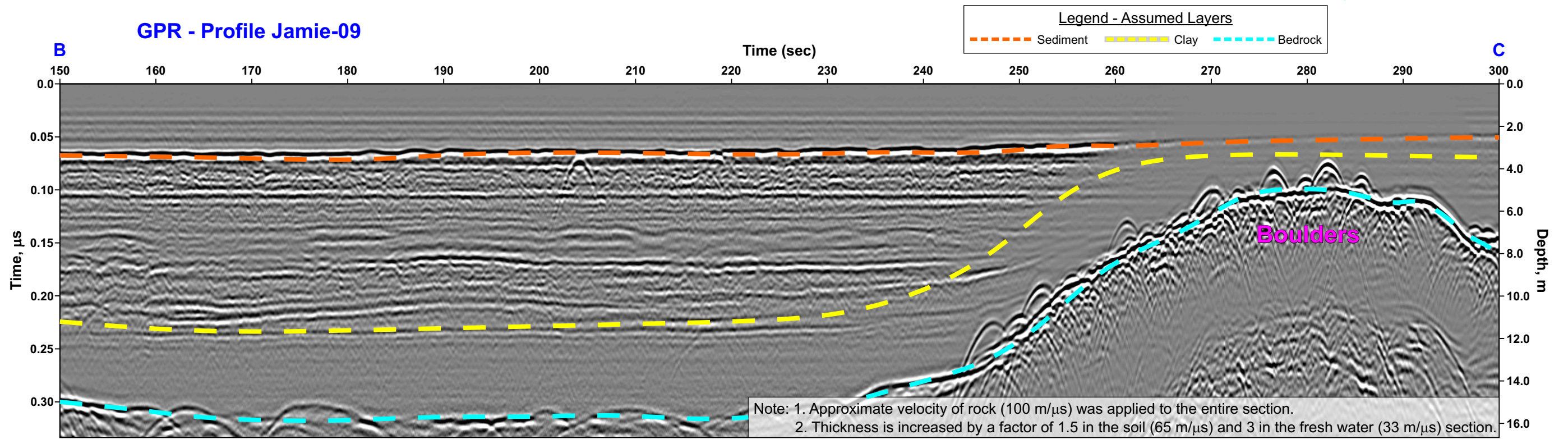
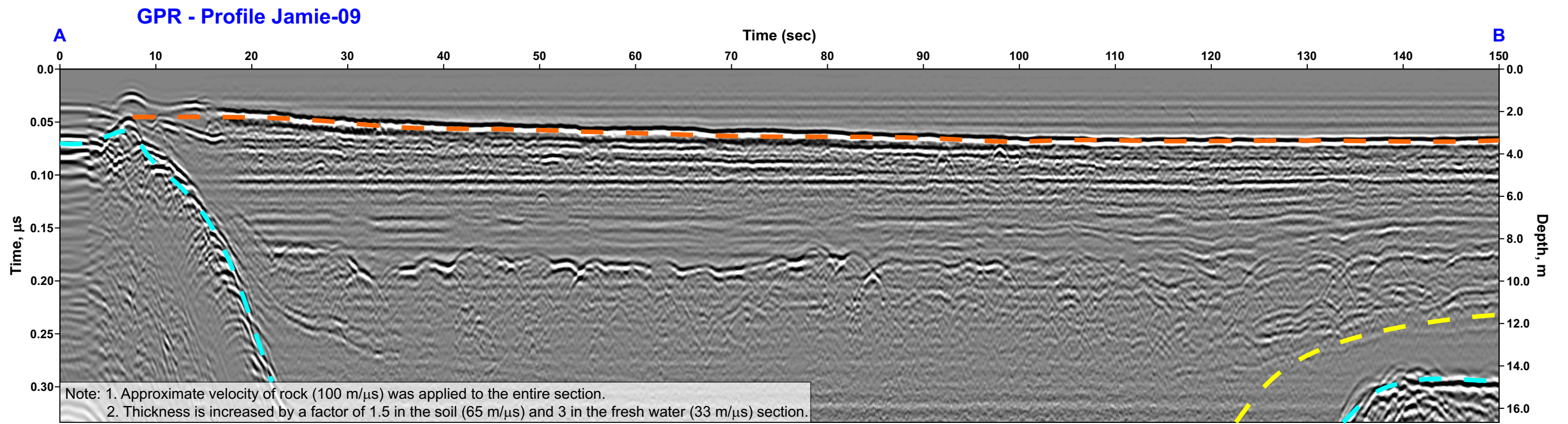
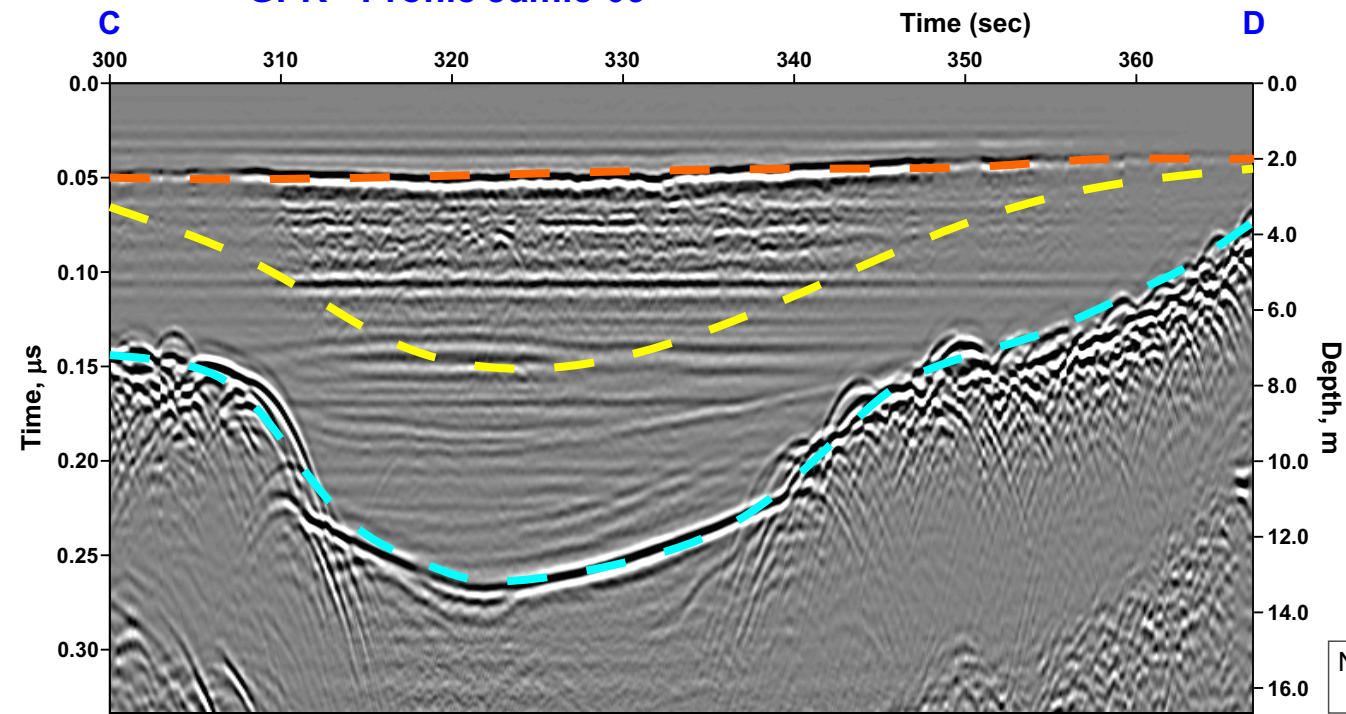


Figure E37 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Jamie-09 at the Springpole site, ON (Page 1 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Jamie-09



Note: 1. Approximate velocity of rock ($100 \text{ m}/\mu\text{s}$) was applied to the entire section.
 2. Thickness is increased by a factor of 1.5 in the soil ($65 \text{ m}/\mu\text{s}$) and 3 in the fresh water ($33 \text{ m}/\mu\text{s}$) section.

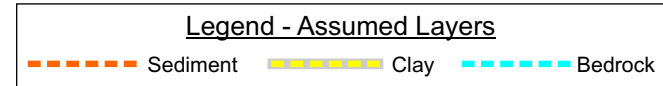
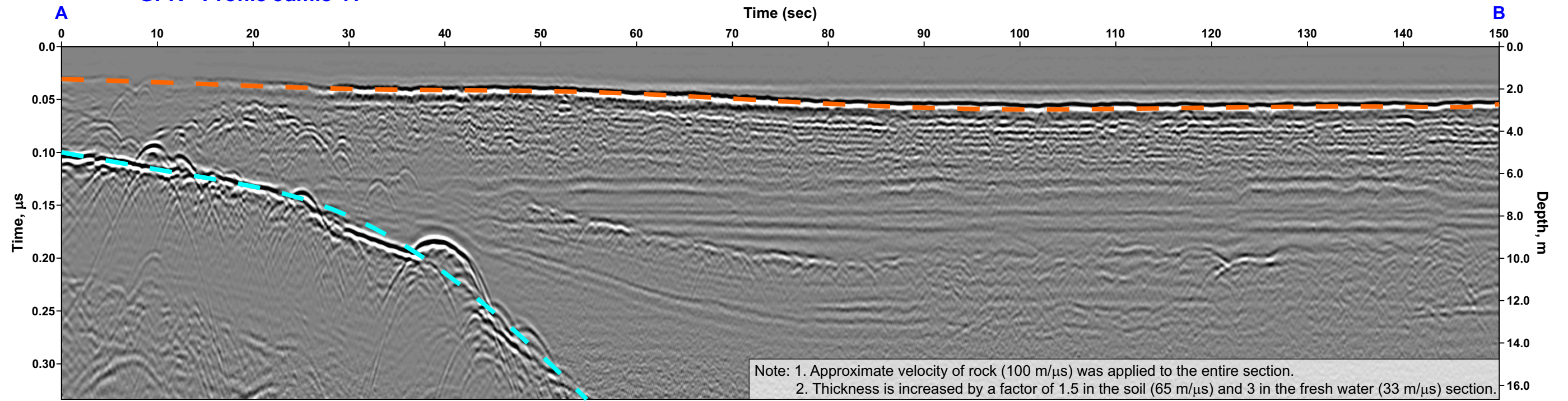


Figure E37 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Jamie-09 at the Springpole site, ON (Page 2 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021



GPR - Profile Jamie-11



GPR - Profile Jamie-11

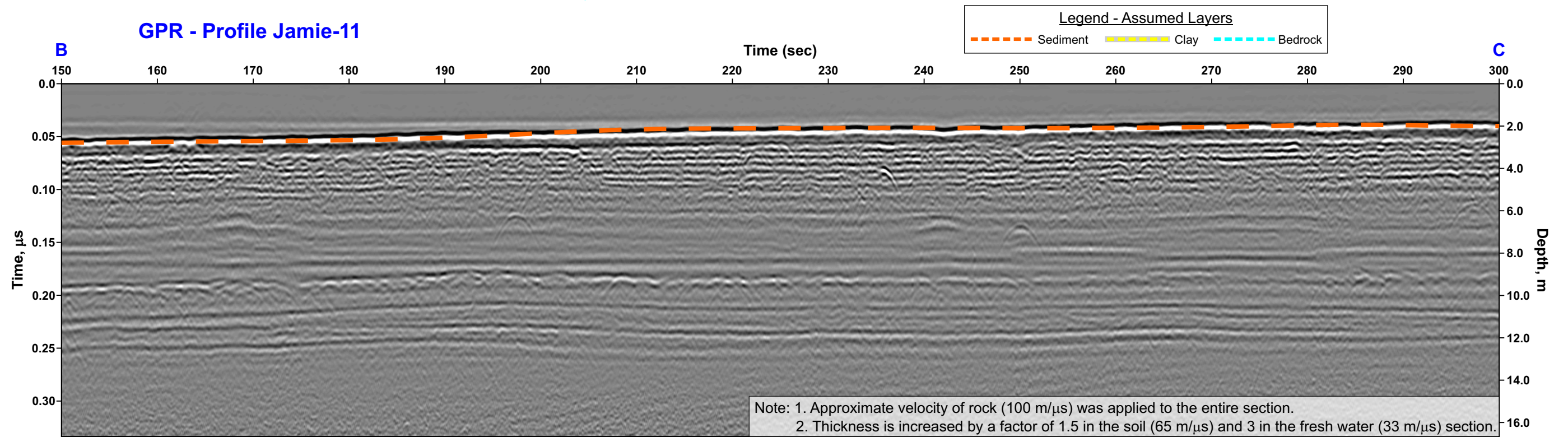
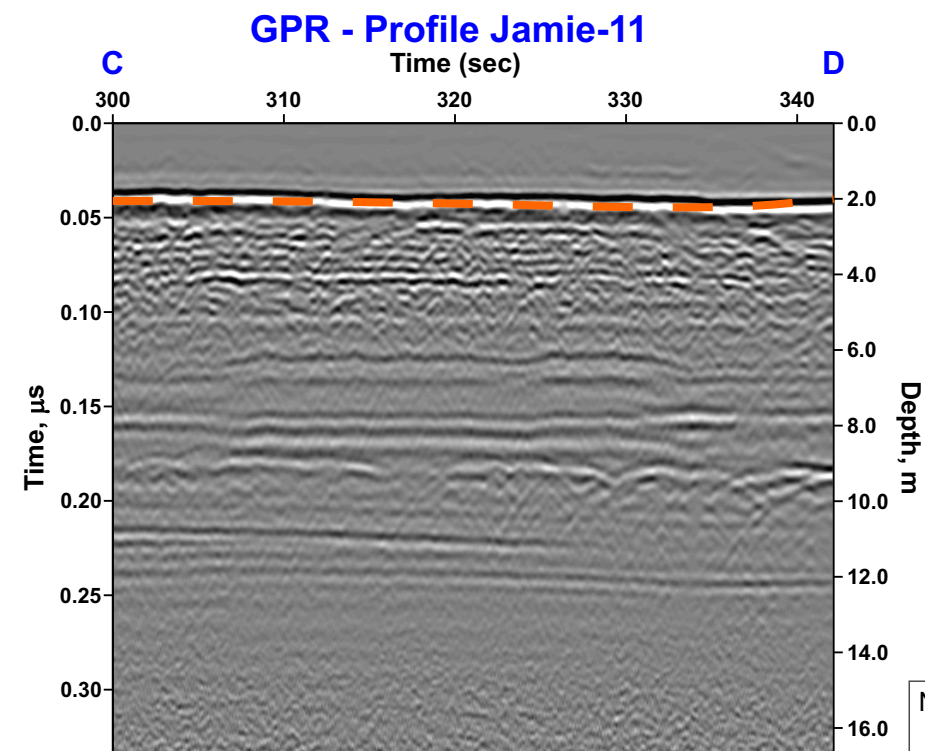


Figure E38 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Jamie-11 at the Springpole site, ON (Page 1 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021





Note: 1. Approximate velocity of rock ($100 \text{ m}/\mu\text{s}$) was applied to the entire section.
 2. Thickness is increased by a factor of 1.5 in the soil ($65 \text{ m}/\mu\text{s}$) and 3 in the fresh water ($33 \text{ m}/\mu\text{s}$) section.

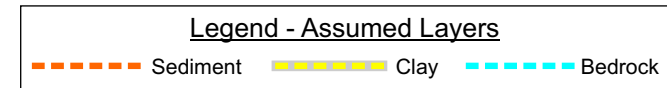


Figure E38 Ground penetrating radar survey on water (lake) surface using 170 MHz antenna for Profile Jamie-11 at the Springpole site, ON (Page 2 of 2).

Project No. 3134	Document Reference FFC-NL-3134-007
Location Springpole, ON	Date February 2021

