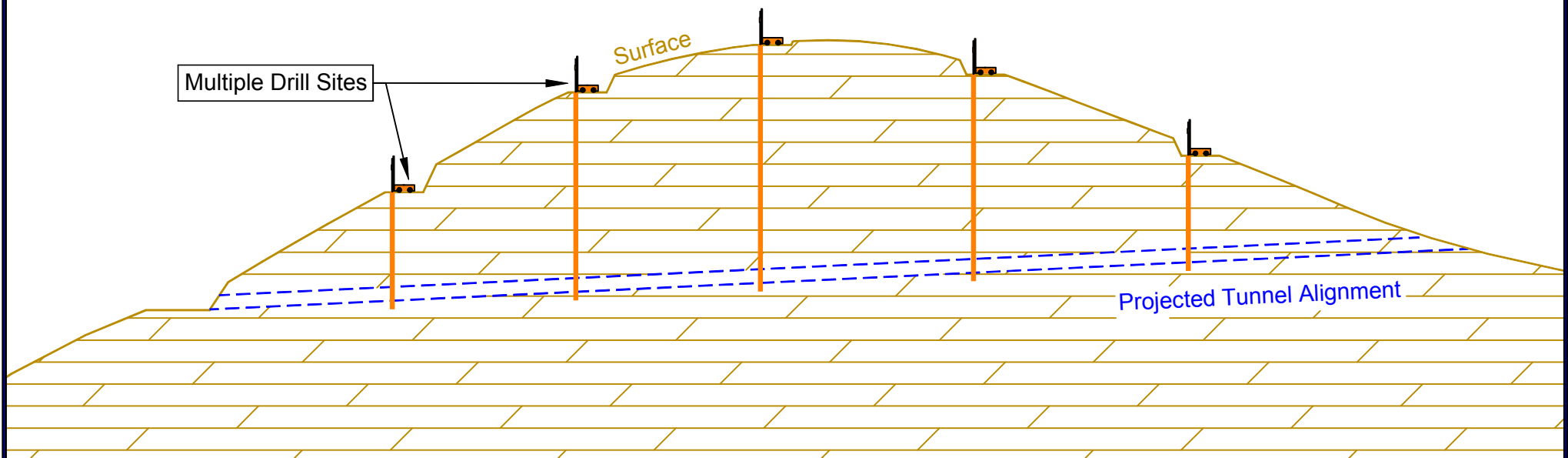
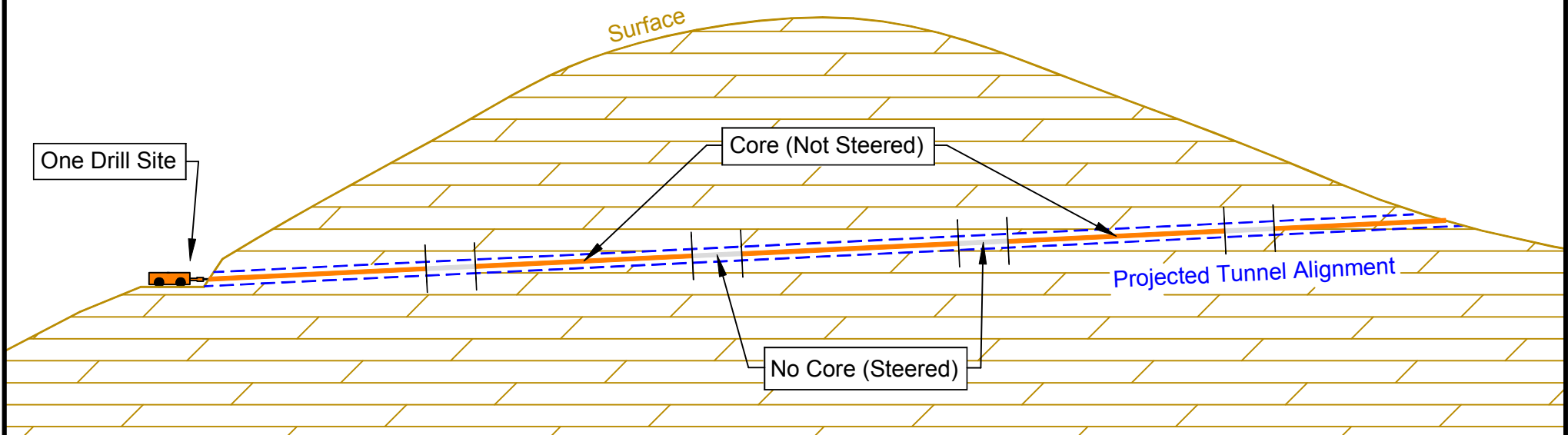




EXPLORATION WITH VERTICAL DRILLING



ALTERNATIVE WITH HORIZONTAL DRILLING



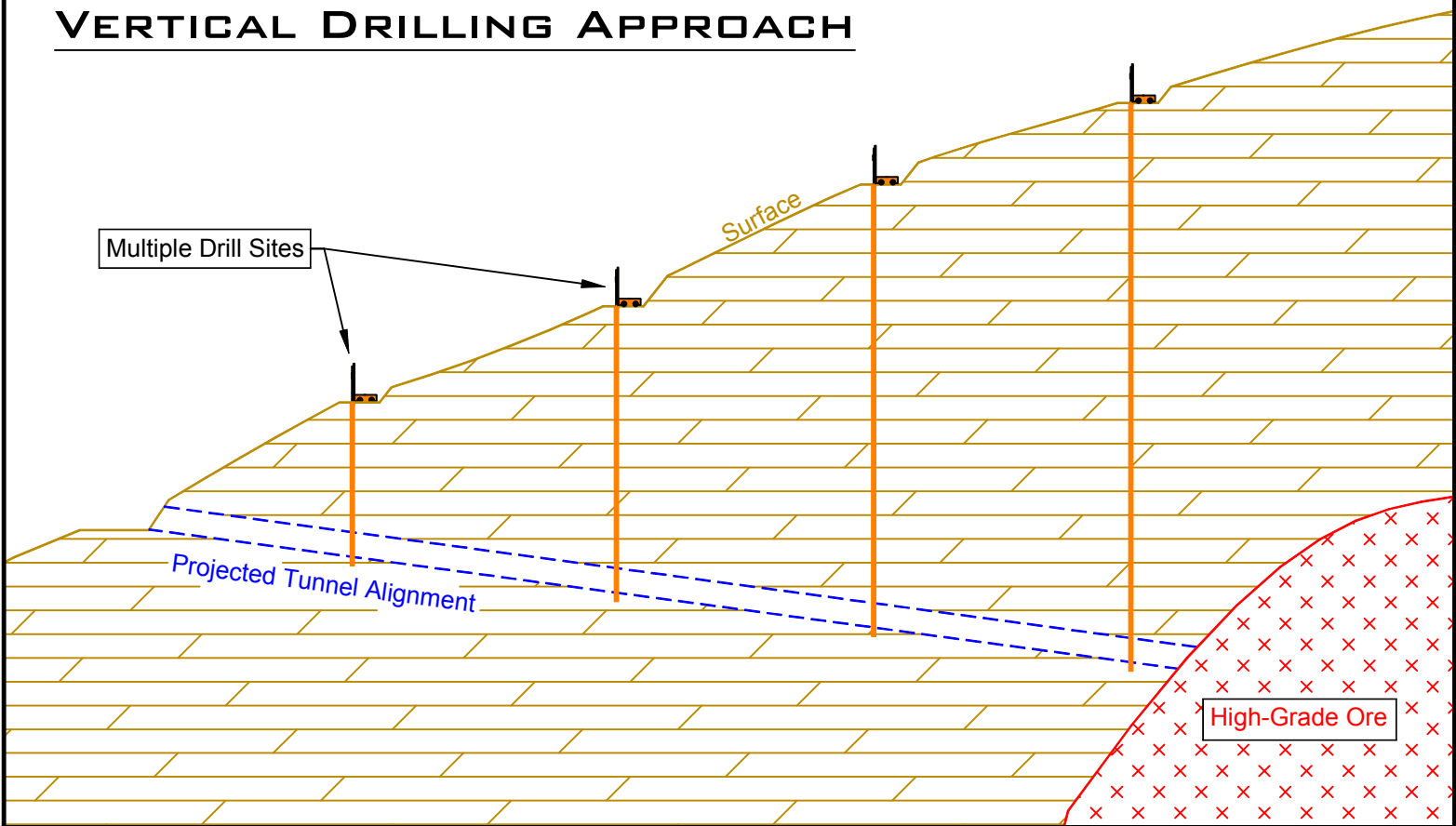
REI DRILLING
DIRECTIONAL SOLUTIONS

250 West Berger Lane
Salt Lake City, UT 84107
Phone: 801-270-2140
Email: dan@reidrilling.com

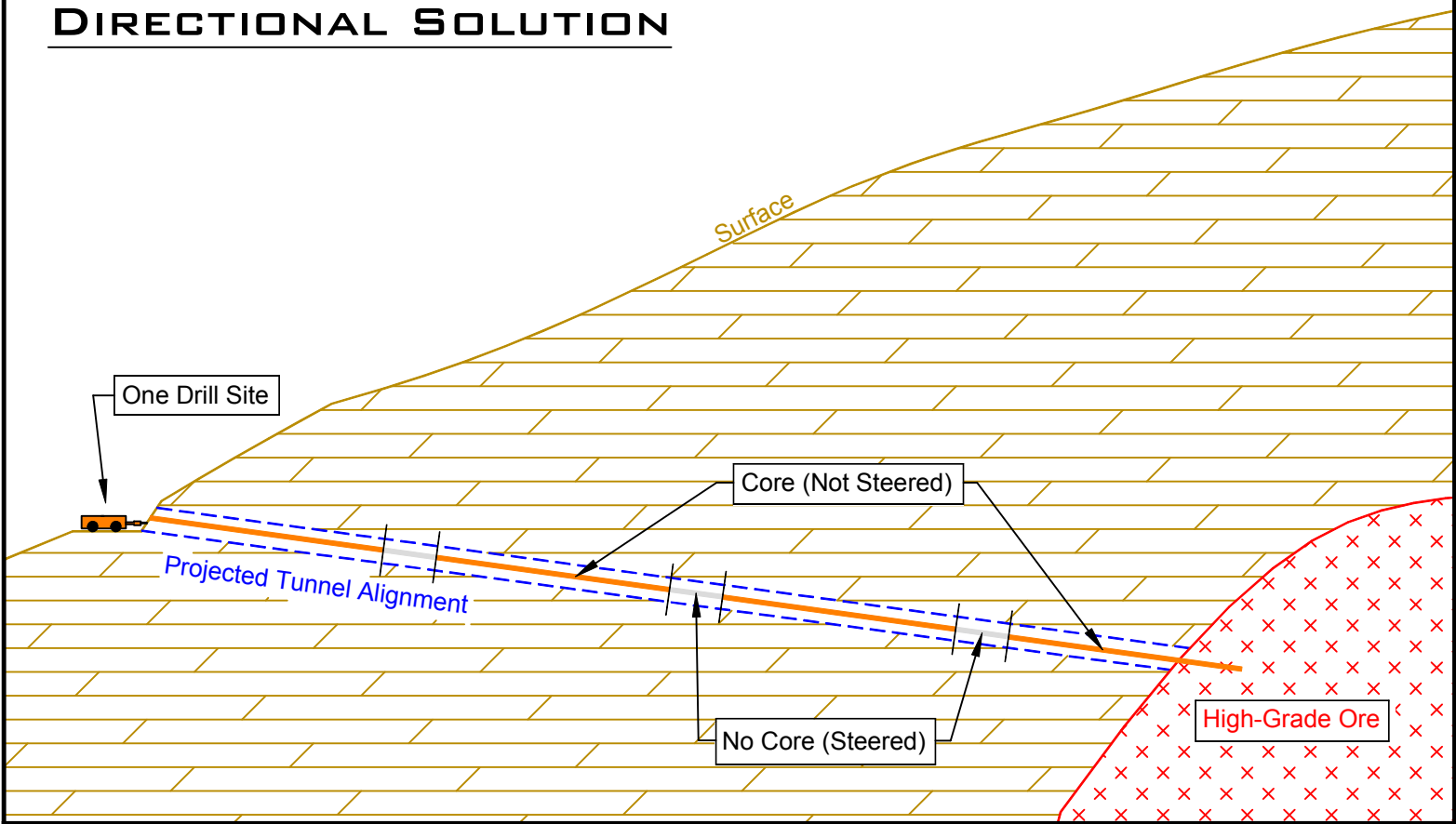
DIRECTIONAL HOLES FOR TUNNEL ALIGNMENT EXPLORATION

Geologic exploration drilling can be performed in advance of a proposed tunnel to gather valuable information about ground conditions and water infiltration. Vertical drilling programs only provide geologic data at specific points along the tunnel alignment and can require extensive permitting and infrastructure investment. Consider horizontal drilling as an alternative. REI will set up one of its horizontal directional drilling rigs and begin coring along the tunnel alignment. Survey shots will be taken periodically to track the hole. When the hole begins to drift, REI will change from coring to directional downhole tooling to correct course. No core samples are collected in directionally-drilled sections. Once the hole is re-aligned, REI will change back to coring. At the completion of the project, REI will have produced a complete drill log, including core samples along the majority of the proposed tunnel alignment.

VERTICAL DRILLING APPROACH



DIRECTIONAL SOLUTION



DIRECTIONAL HOLES FOR TUNNEL ALIGNMENT EXPLORATION



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Geologic exploration drilling can be performed in advance of a proposed tunnel to gather valuable information about ground conditions and water infiltration. Vertical drilling programs only provide geologic data at specific points along the tunnel alignment and can require extensive permitting and infrastructure investment. Consider horizontal drilling as an alternative. REI will set up one of its horizontal directional drilling rigs and begin coring along the tunnel alignment. Survey shots will be taken periodically to track the hole. When the hole begins to drift, REI will change from coring to directional downhole tooling to correct course. Once the hole is re-aligned, REI will change back to coring. At the completion of the project, REI will have produced a complete drill log, including core samples along the majority of the proposed tunnel alignment.