

Successful intersects steered from across the continent.

Date:	2024	Project Type:	Horizontal Intersect
Location:	North America	Length:	2394ft (730m)
Industry:	Mining	Depth:	1475ft (450m)

Description: Drilling contractor needed to intersect a 3.5" vertical well target. Customer was familiar with the process of ranging but did not have all the required equipment. Timeline for deployment made on site support challenging.

Solution: Hazen **Deep Guide** was deployed and the drilling contractor installed it via wireline into the vertical wells. Customer magnetic sub was installed on the BHA behind the bit. Guidance support would be provided virtually via Hazen Remote Operations Center (ROC)

Result: While drilling, the **Deep Guide** ranging data was relayed from site to the Hazen **ROC** where a ranging specialist provided real time data to the directional driller. **From over 400m away Deep Guide data was used to guide the bore ultimately intersecting 8.9cm target on the first attempt.**

CASE STUDY: DEEP GUIDE SERVICE

