

Drilling in Norway;

HDD and beyond...

Rome, October 2nd 2026

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VolkerStevin Infrastructure & Hanab

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The Norway Project!

- **Scope**

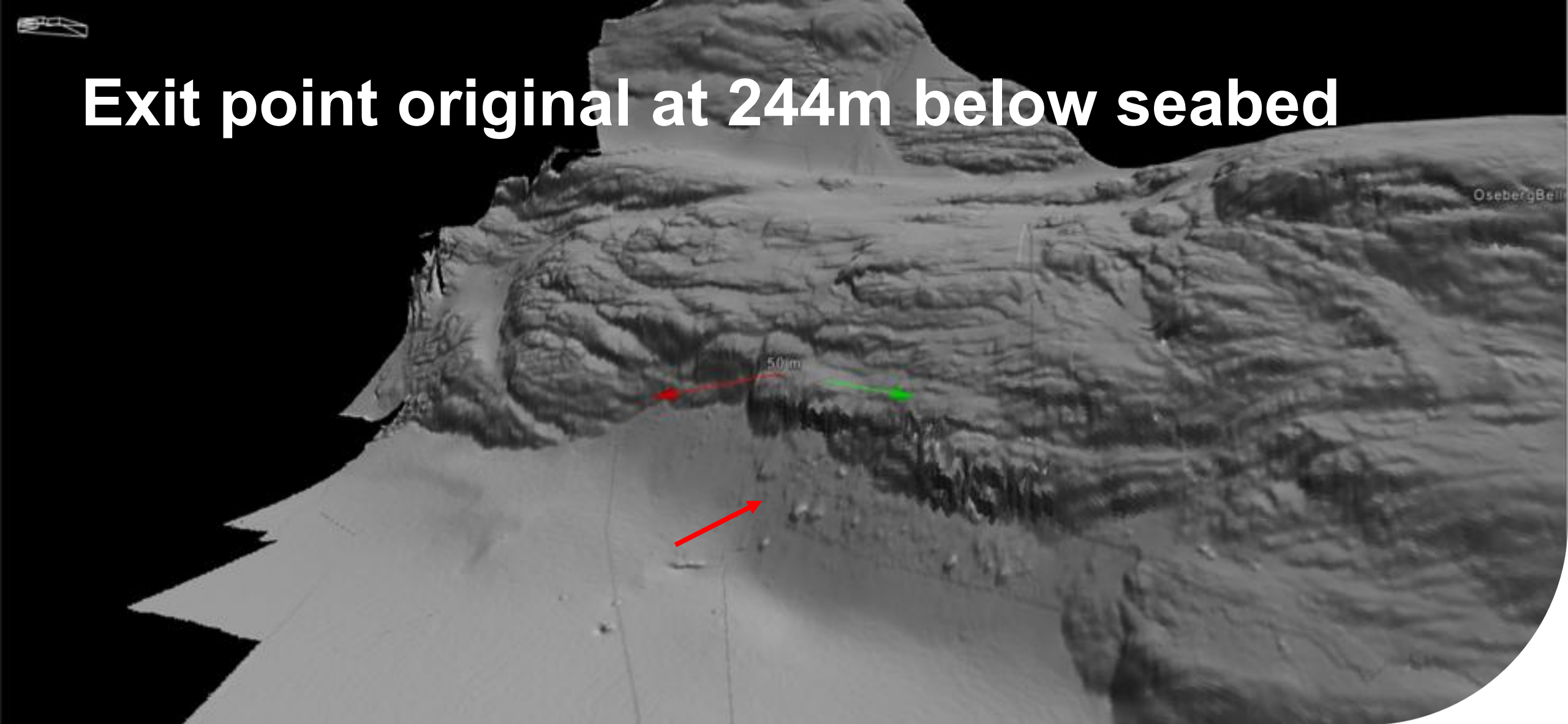
- Drilling of a 24" hole, do a video inspection and apply a messenger wire (28mm steel)
Entry angle 44°
Exit point at 266m waterdepth
MD 679m

- **Location**

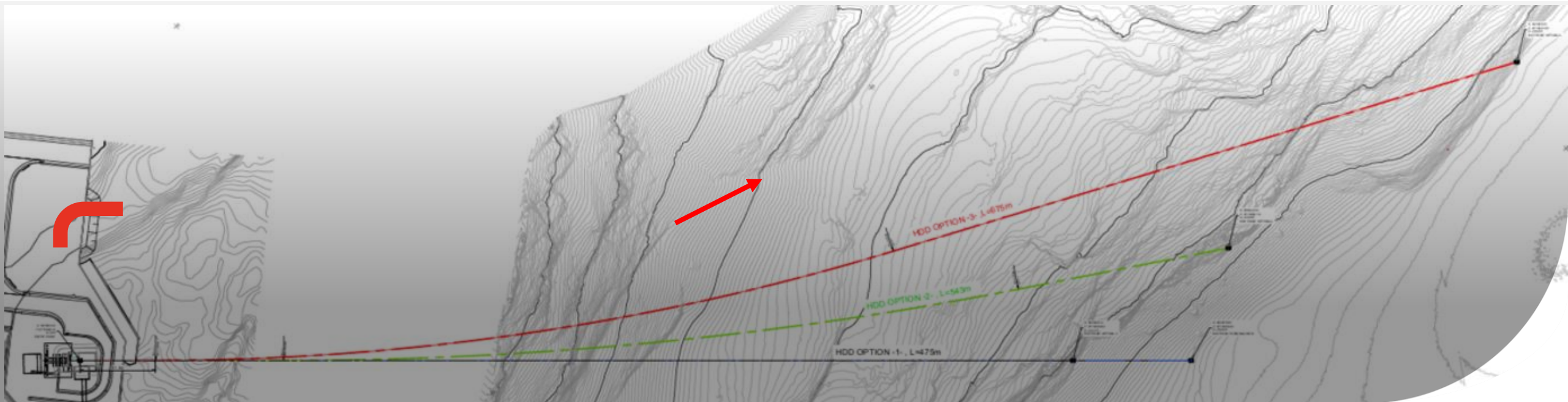
- Kollsnes Norway



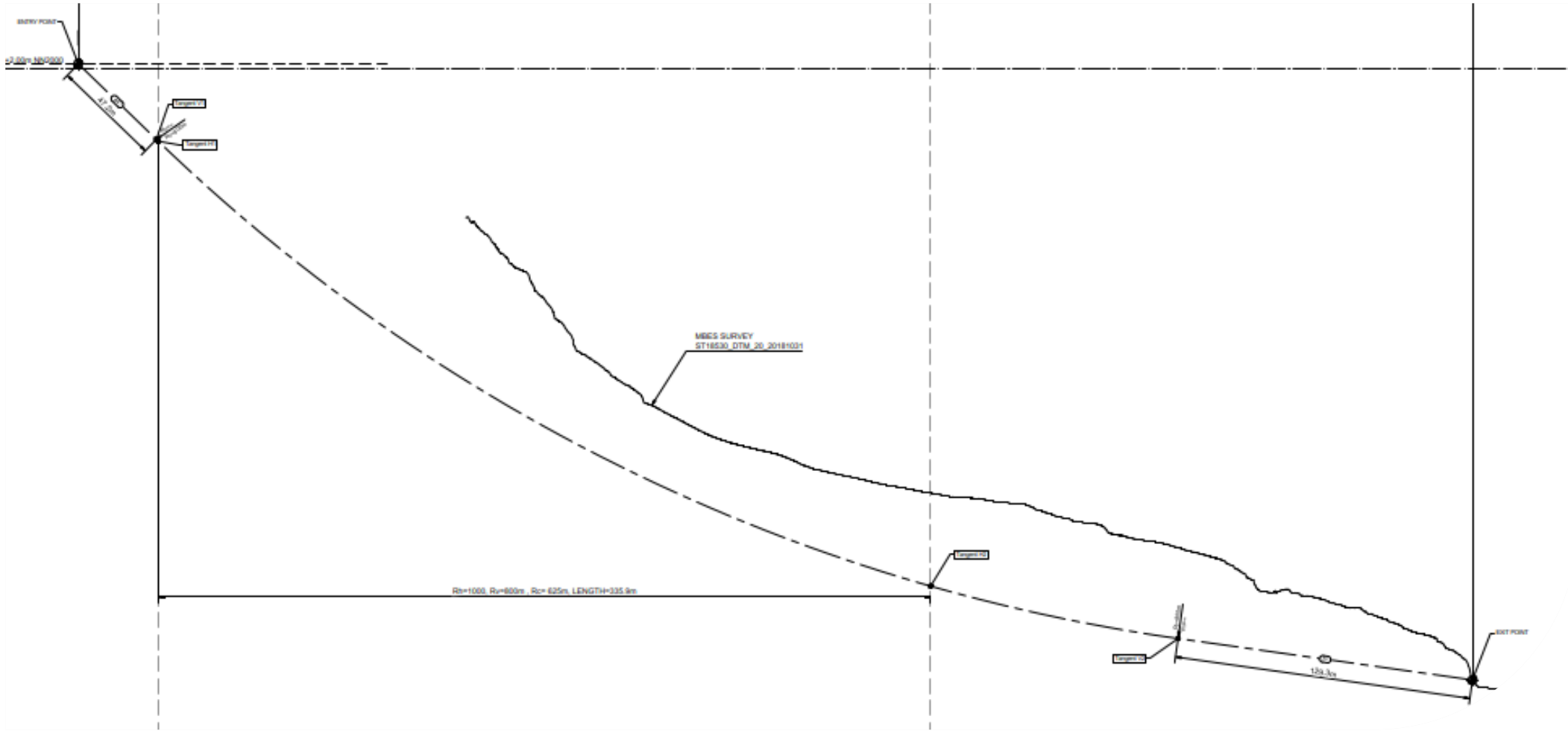
Exit point original at 244m below seabed



New drilling profile



New drilling profile



Challenges

- Scope split
 - Client: Entrypit and fixing point casing

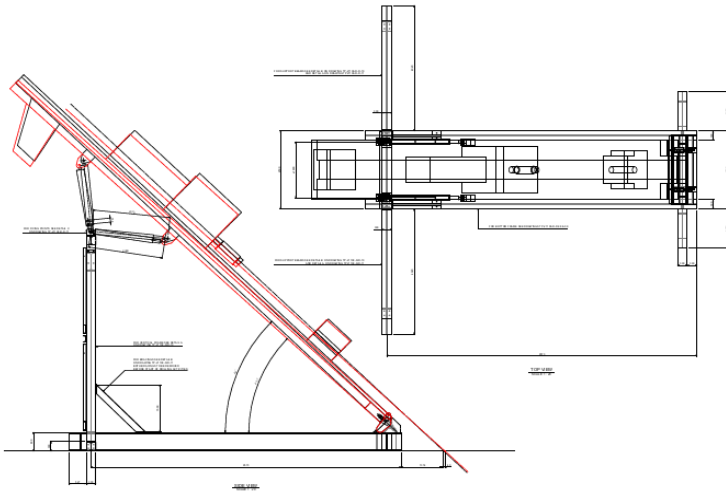




An 8-meter deep entrypt was made, future purpose of the entrypt as pump cellar. Because the sea water level is 2 - 3m higher than the bottom of the pit, a casing need to be installed.

Challenges

- Scope split
 - Hanab: Rig setup and install casing in Entrypit.
 - Engineering Platform & Rigframe (maximum push/pull force, vibrations and weather influences)



Lifting HK 250t in position



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Scaffolding for access to Rig and Entry Pit.



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Site set-up, ready to drill!



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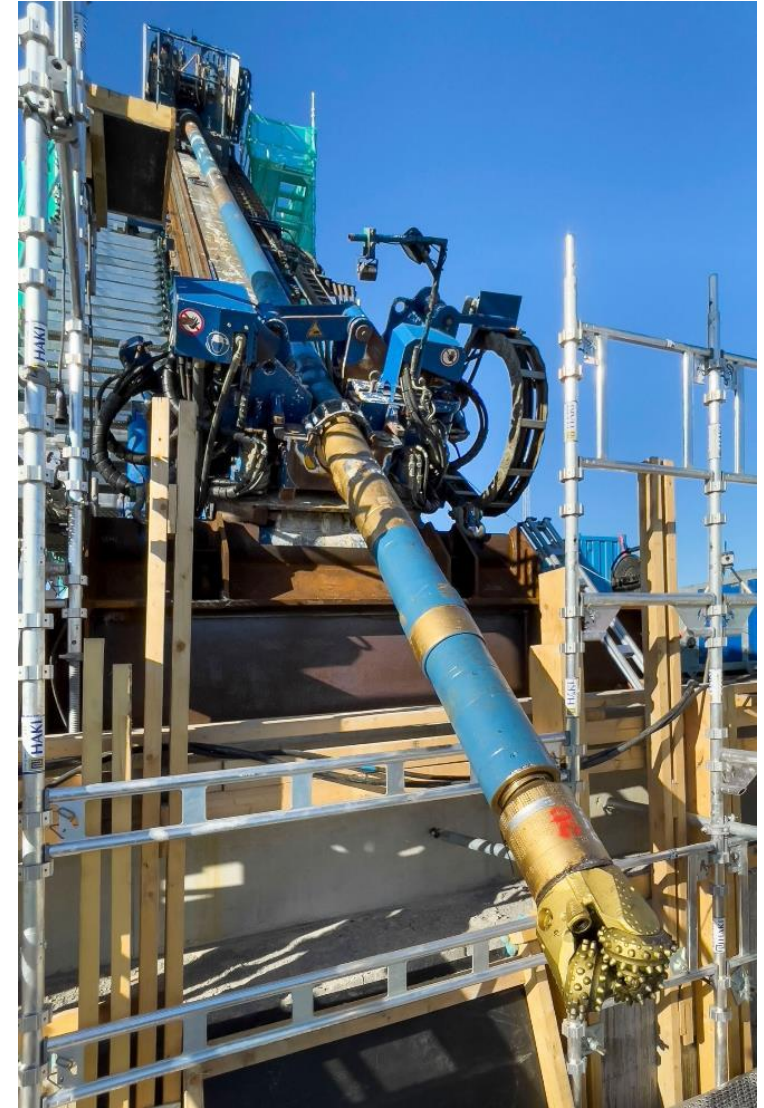


Start pilot

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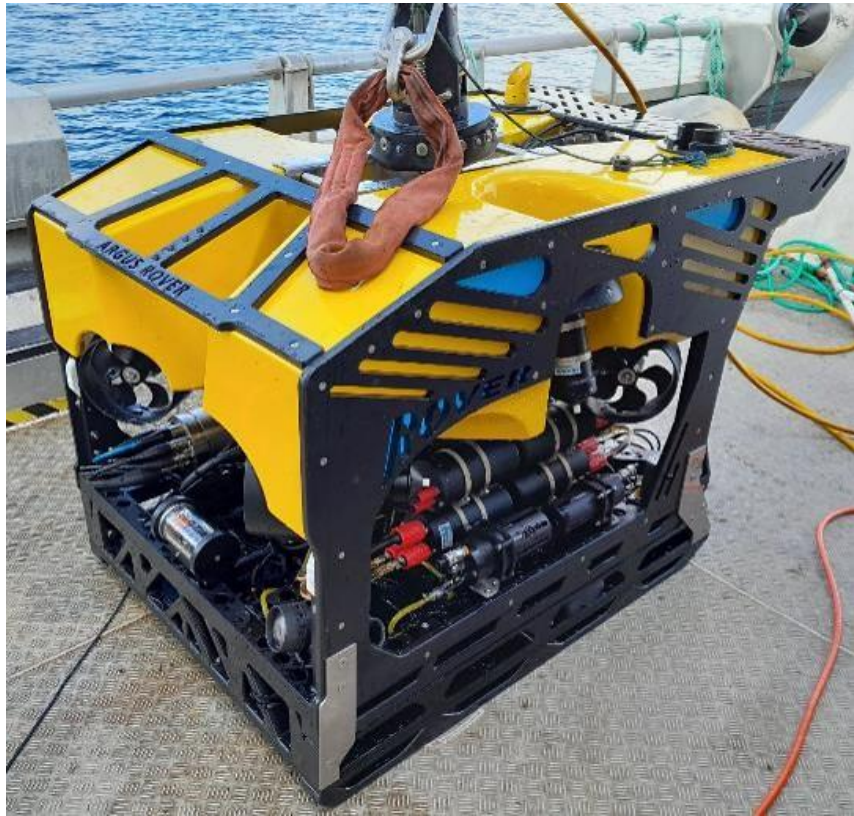
 **Hanab**

Start pilot



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Punch out



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Punch Out Pilot

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Hole-opener 24"



Spiral sub 23"

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Seawater flush

13/09/22

11:34:07

359

Dpt. 266.1

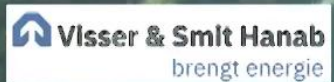
Alt. 2.2

N 6033.66627

E 00453.67308

Punch Out Reamer

Northern lights



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Video inspection drilled Hole

Cracks in formation wall



Depth: 108m RHS

Video inspection drilled Hole

Rockfall in reamed hole



orthern Lights
ollisnes

N 6033.66344
E 00453.67070

Cleaning run



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11.48.22

AIL. 0.1

6033.66657

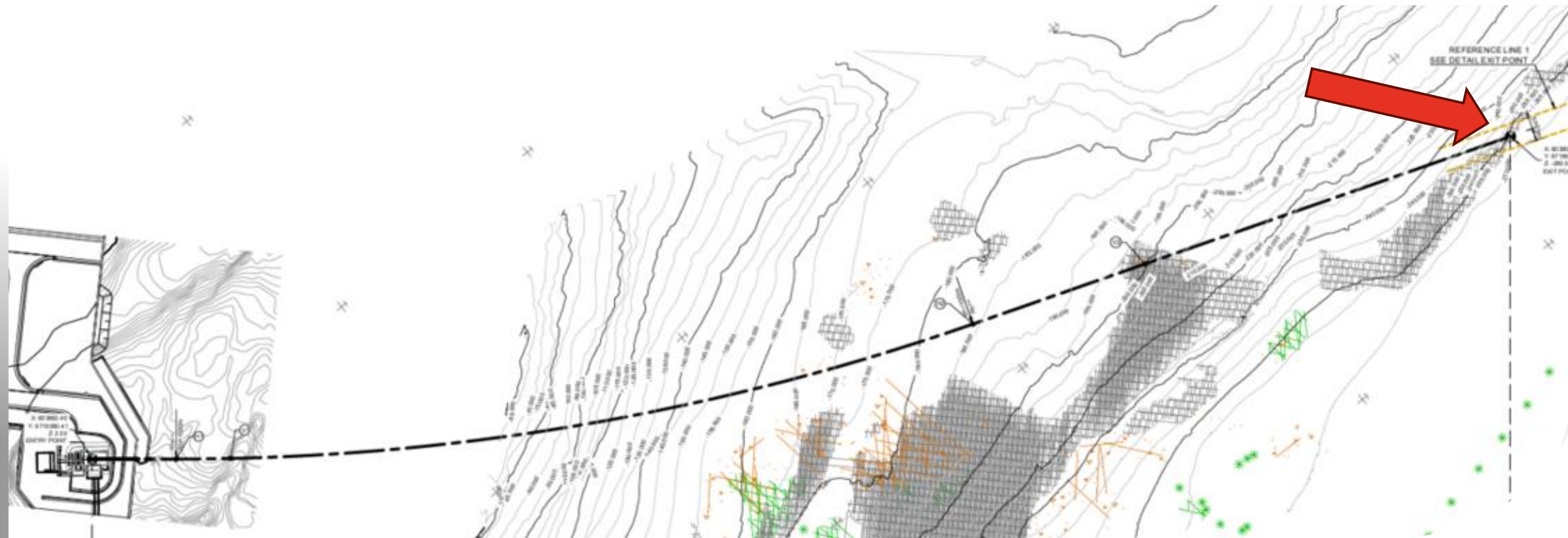
00453.67176

Lip exit location

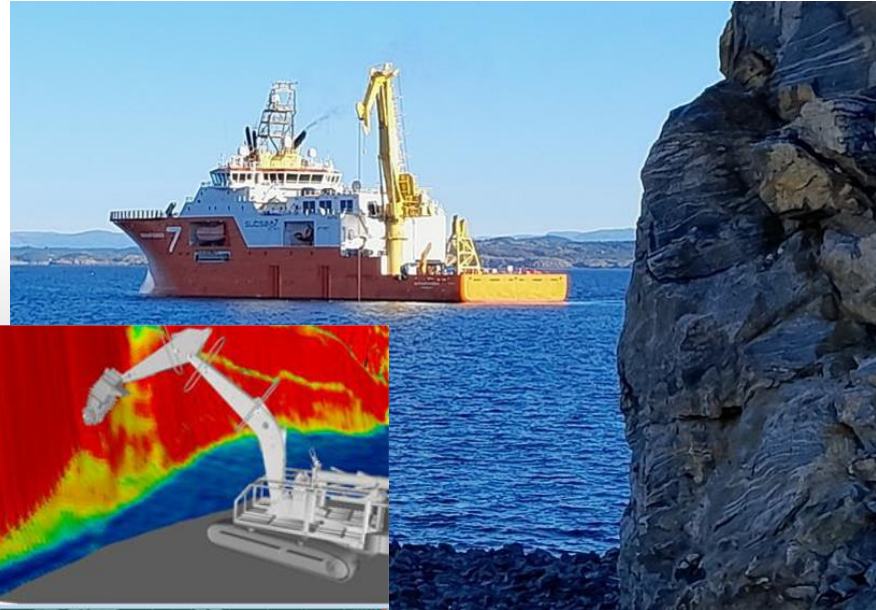
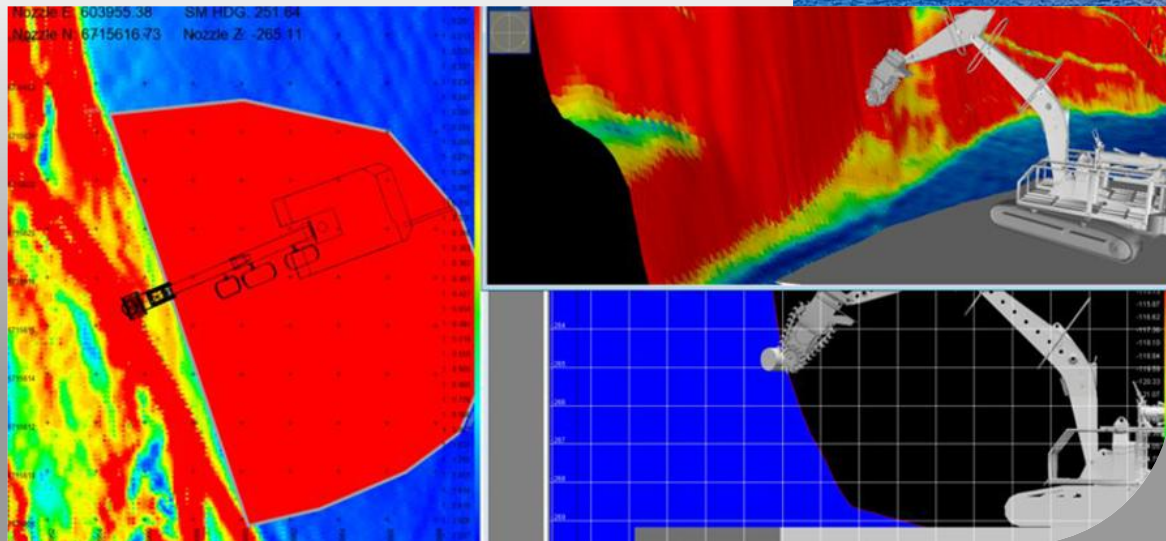


Northern lights

Lip exit location



Lip exit location



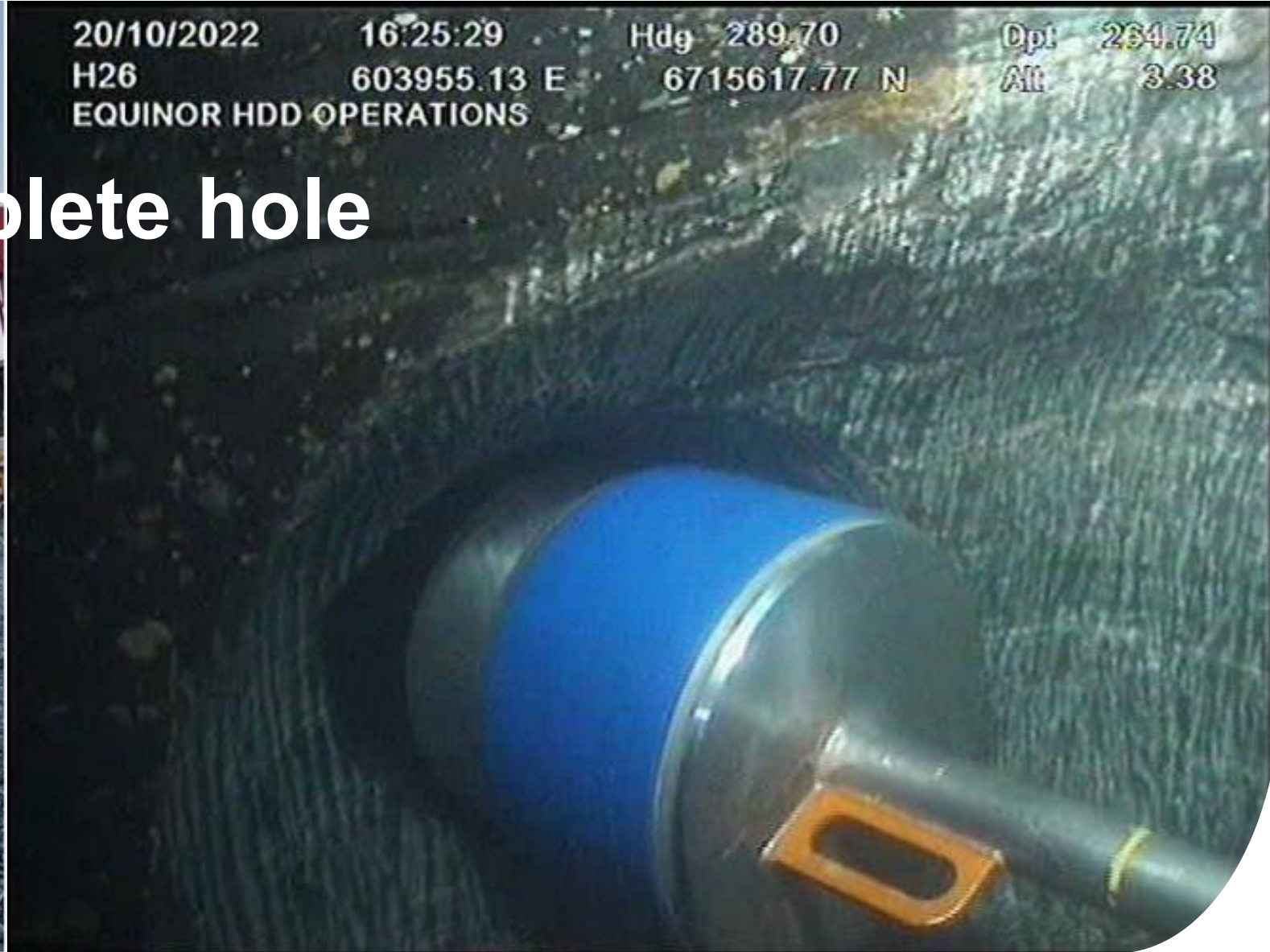
Lip exit location



Lip exit location

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Cementing complete hole





Ream cemented hole

Messenger wire



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26/07/23
08:21:24

351

Dpt. 266.9
Alt. 0.5
N 6033.66531
E 00453.67240



Final situation

- Casing removed
- End plate installed, messenger wire connected





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