



O-PITBLAST

With us is possible!

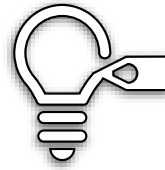


O-PITDEV

O-PITBLAST
With us is possible!

BOOSTING EFFICIENCY AND SAFETY IN MINING





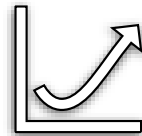
Design Planning and Simulation



Execution and Operation

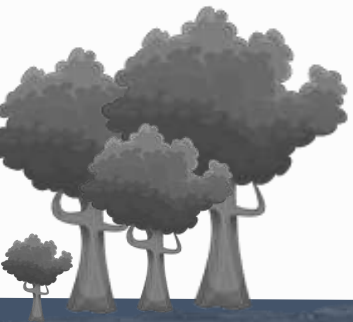


QA-QC

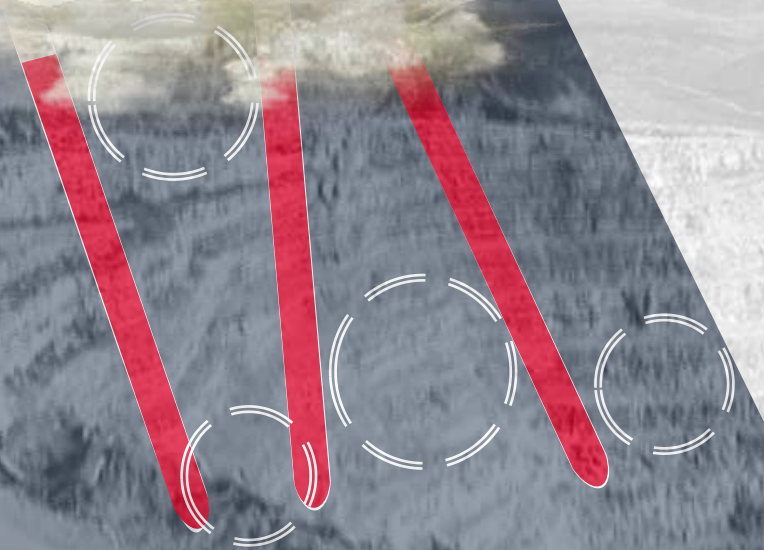


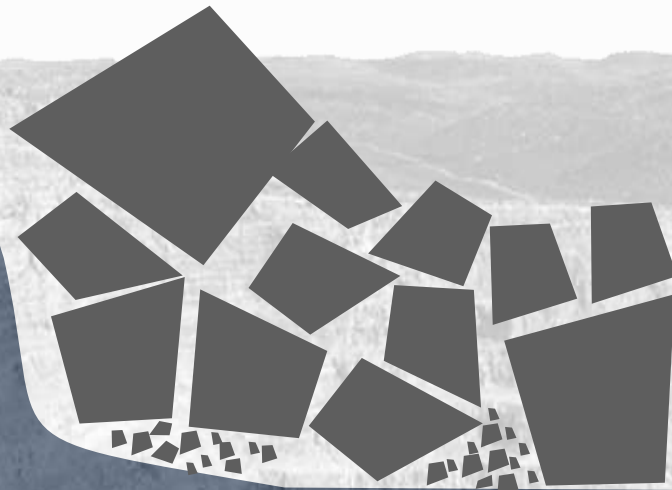
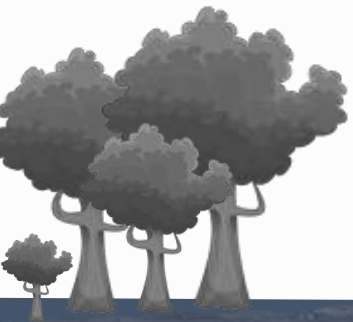
Results Analysis

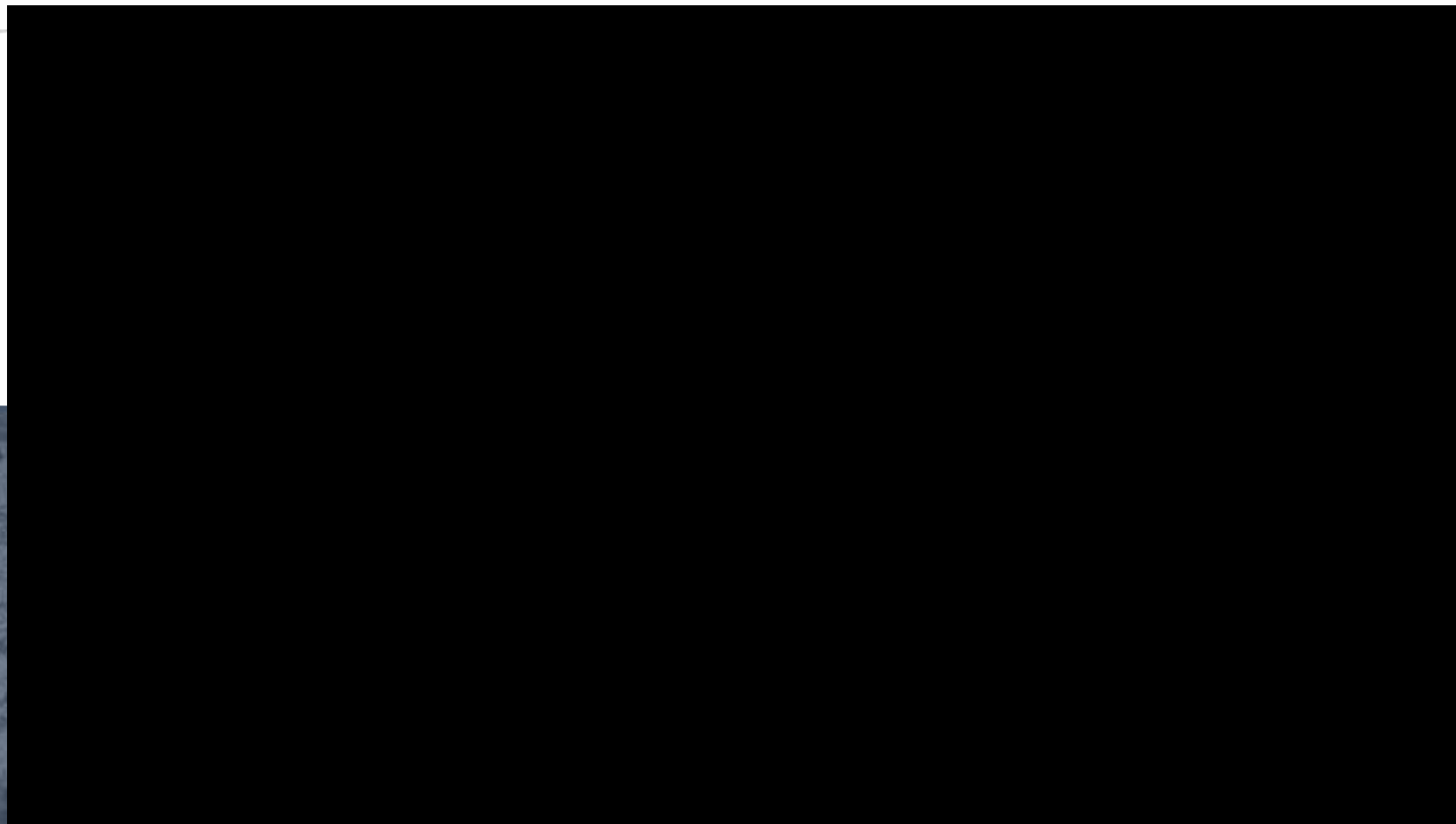


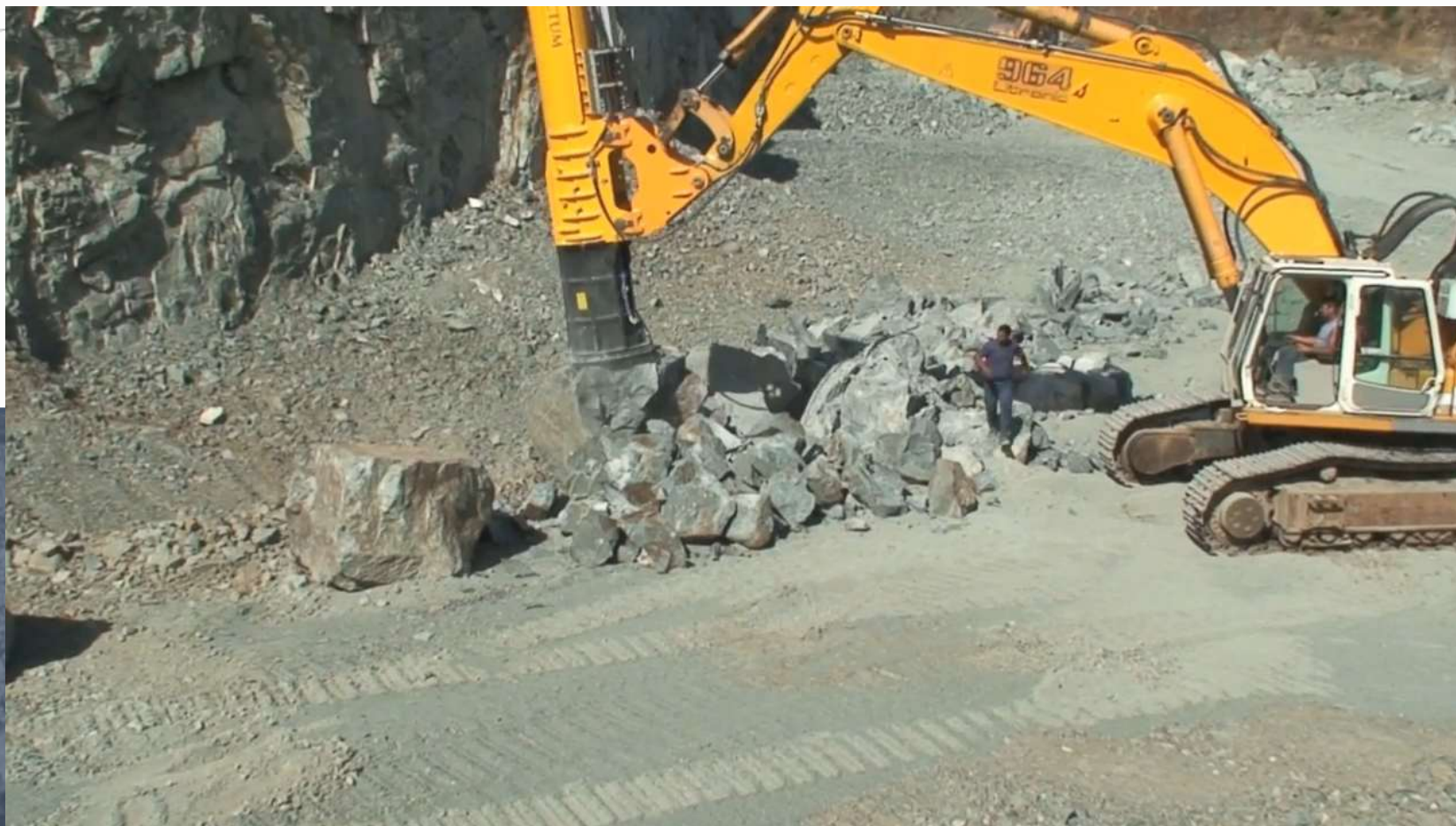












THE SOLUTIONS FOR FASTER AND
MORE ACCURATE BOREHOLE
DIAGNOSTICS



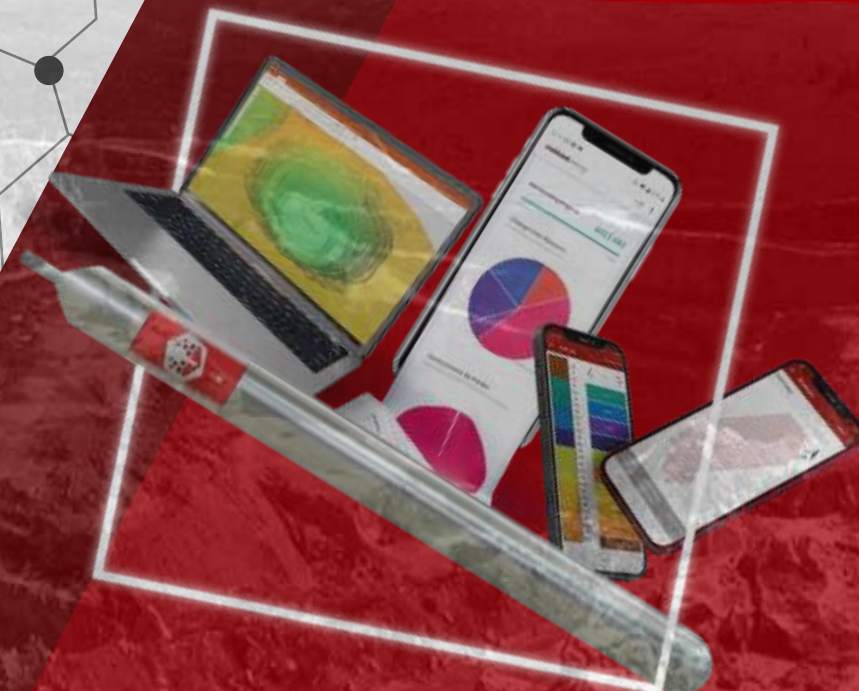
O-PIT**DEV**

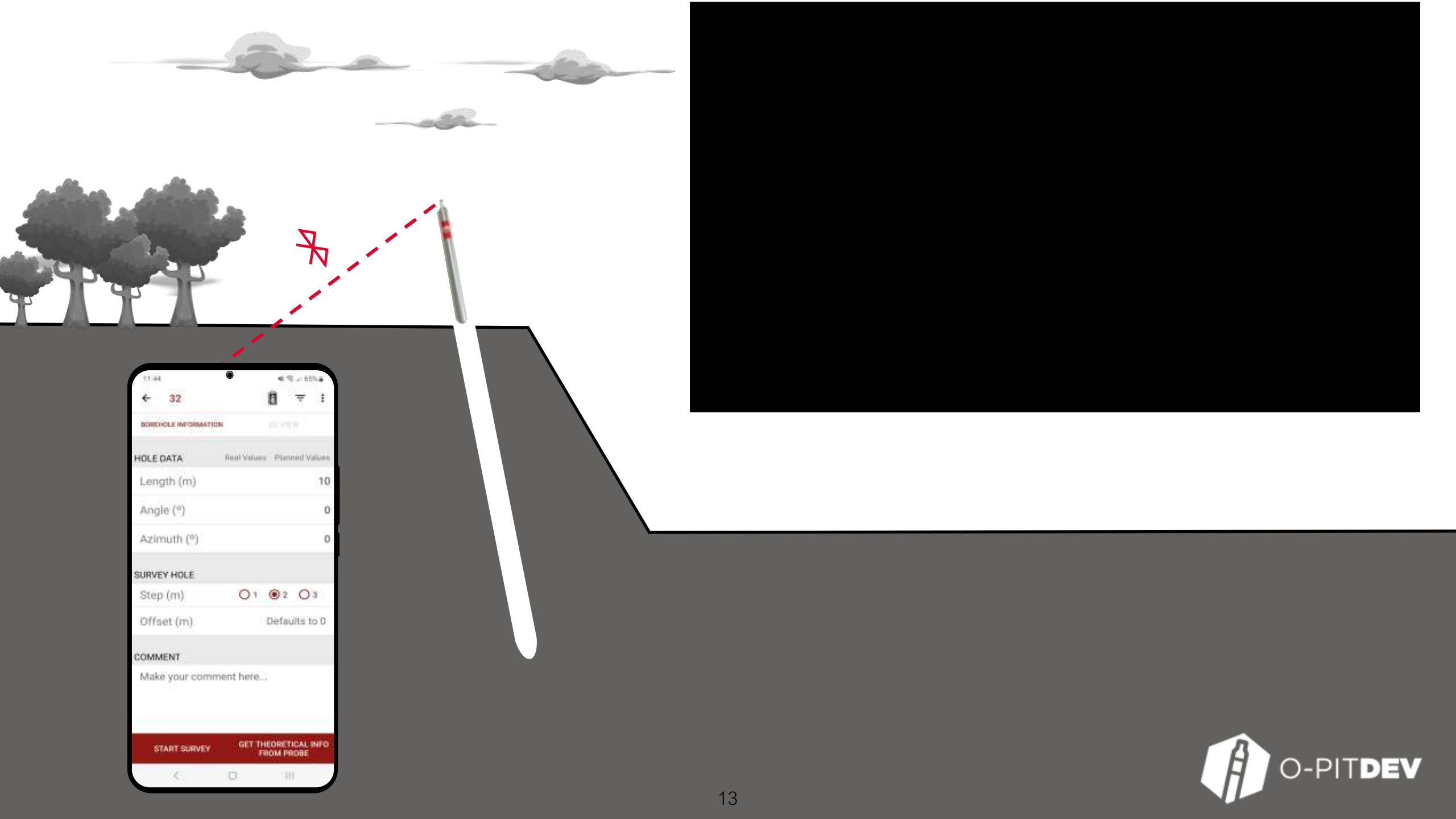
PRODUCTS

SOFTWARE AND HARDWARE

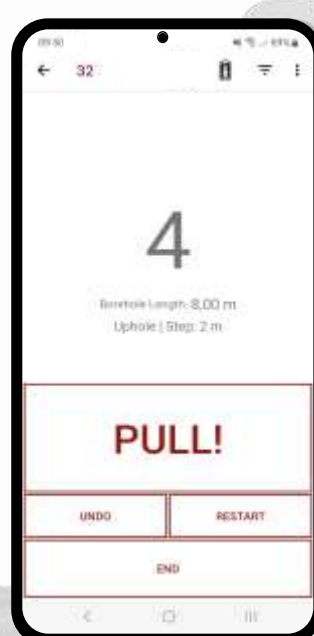
- O-PitAPP
- O-PitAnalytics
- O-PitDev
- O-Pitblast Software

O-PitCloud

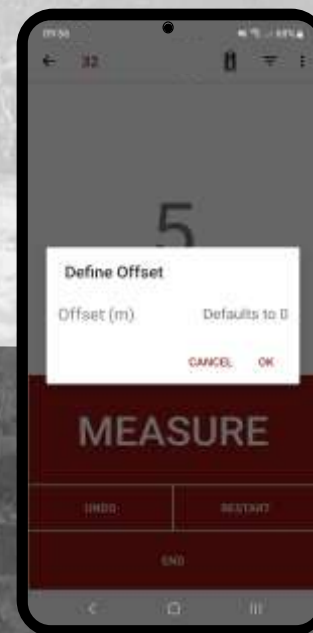
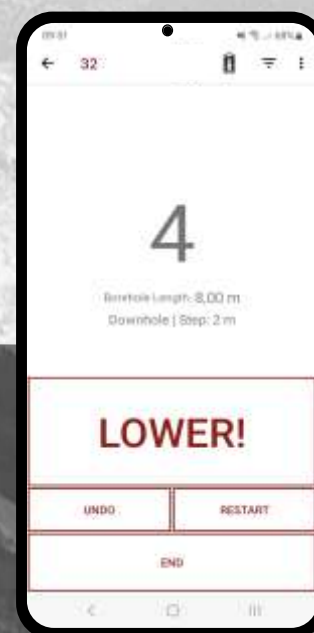


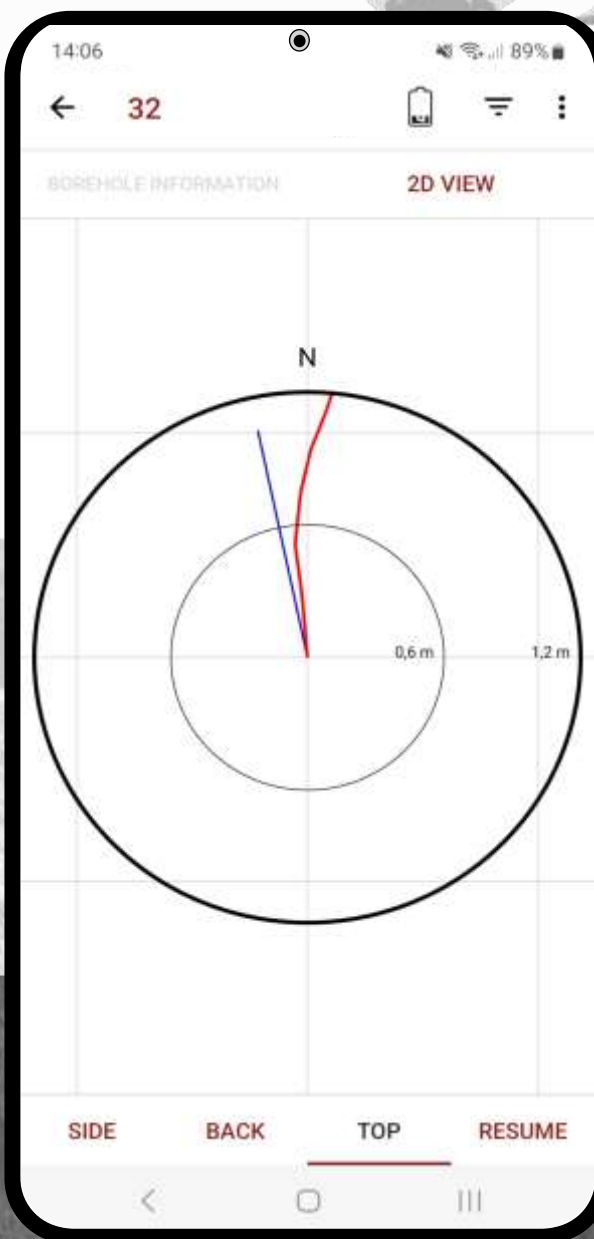
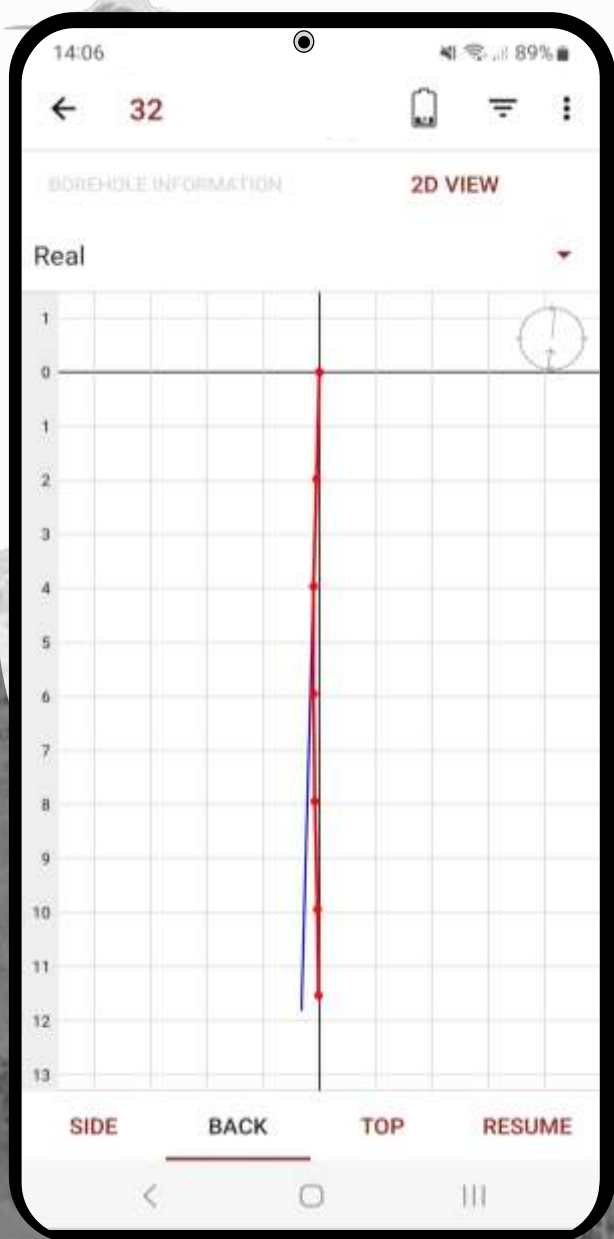
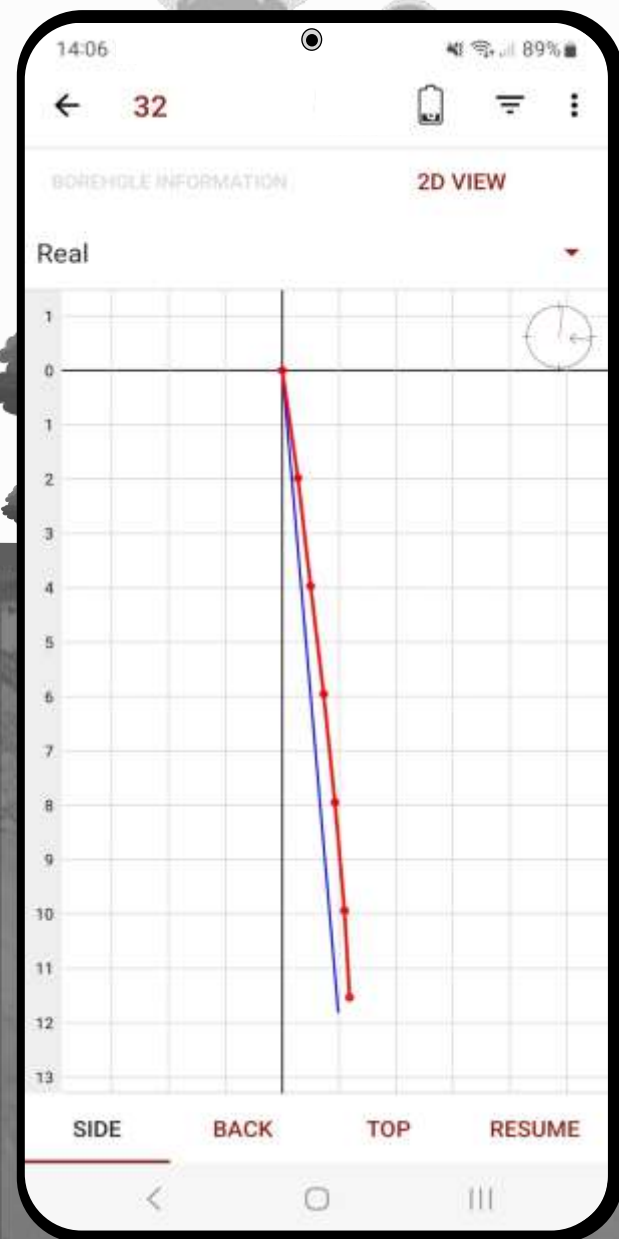


Up-Hole



Down-Hole





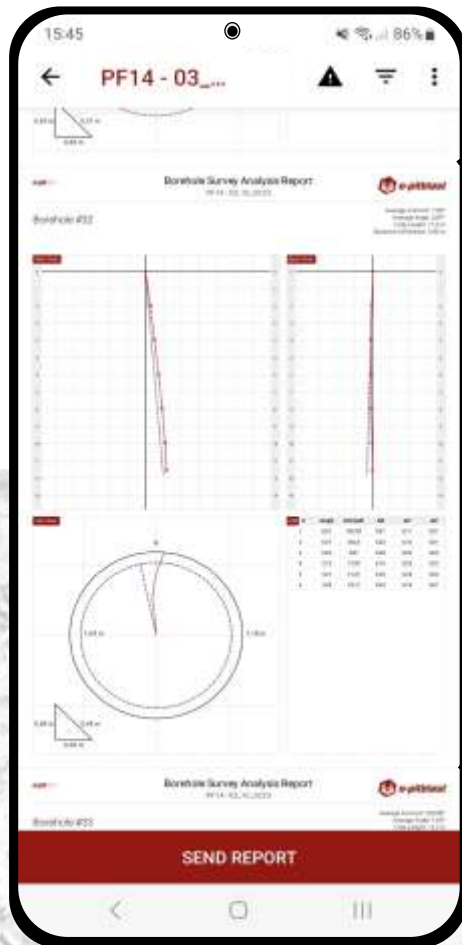
14:07 89%

← 32

BOREHOLE INFORMATION 2D VIEW

#	Angle	Azimuth	ΔX	ΔY	ΔZ
1 - 2 m	8	355,1	0,01	0,11	0,01
2 - 4 m	6,6	352,6	0,02	0,16	0,01
3 - 6 m	6,6	5,9	0,08	0,22	0,02
4 - 8 m	5,7	12,9	0,16	0,25	0,02
5 - 10 m	5	21,4	0,26	0,24	0,02
6 - 12 m	3,3	18,2	0,32	0,19	0,01

SIDE BACK TOP RESUME



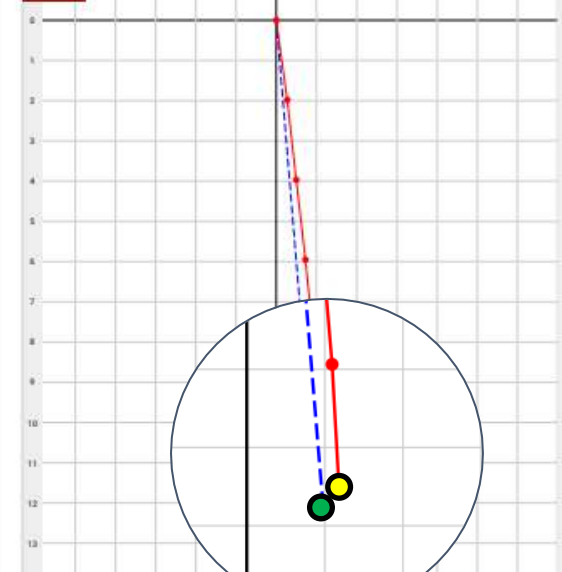
a-pit

Borehole Survey Analysis Report

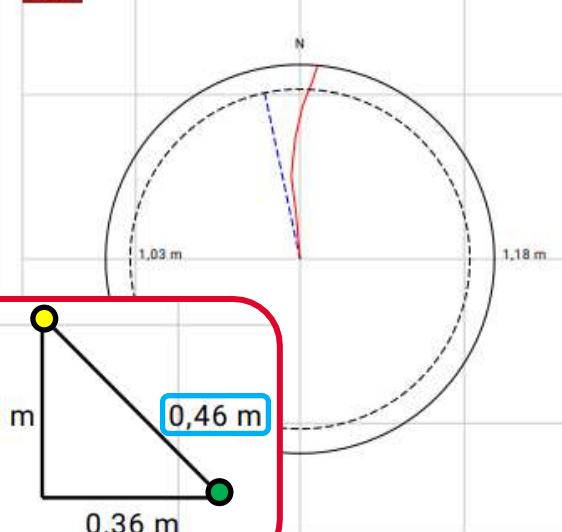
PF14 - 03_10_2023

Borehole #32

Side View

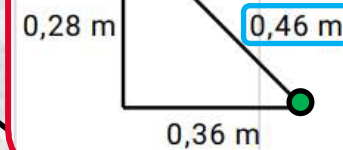


Top View



Average Azimuth: 7,69°
Average Angle: 5,87°
Hole Length: 11,6 m
Deviation Difference: 0,46 m

#	Angle	Azimuth	ΔX	ΔY	ΔZ
1	8,01	355,09	0,01	0,11	0,01
2	6,57	352,6	0,02	0,16	0,01
3	6,62	5,87	0,08	0,22	0,02
4	5,72	12,95	0,16	0,25	0,02
5	5,01	21,37	0,26	0,24	0,02
6	3,29	18,17	0,32	0,19	0,01





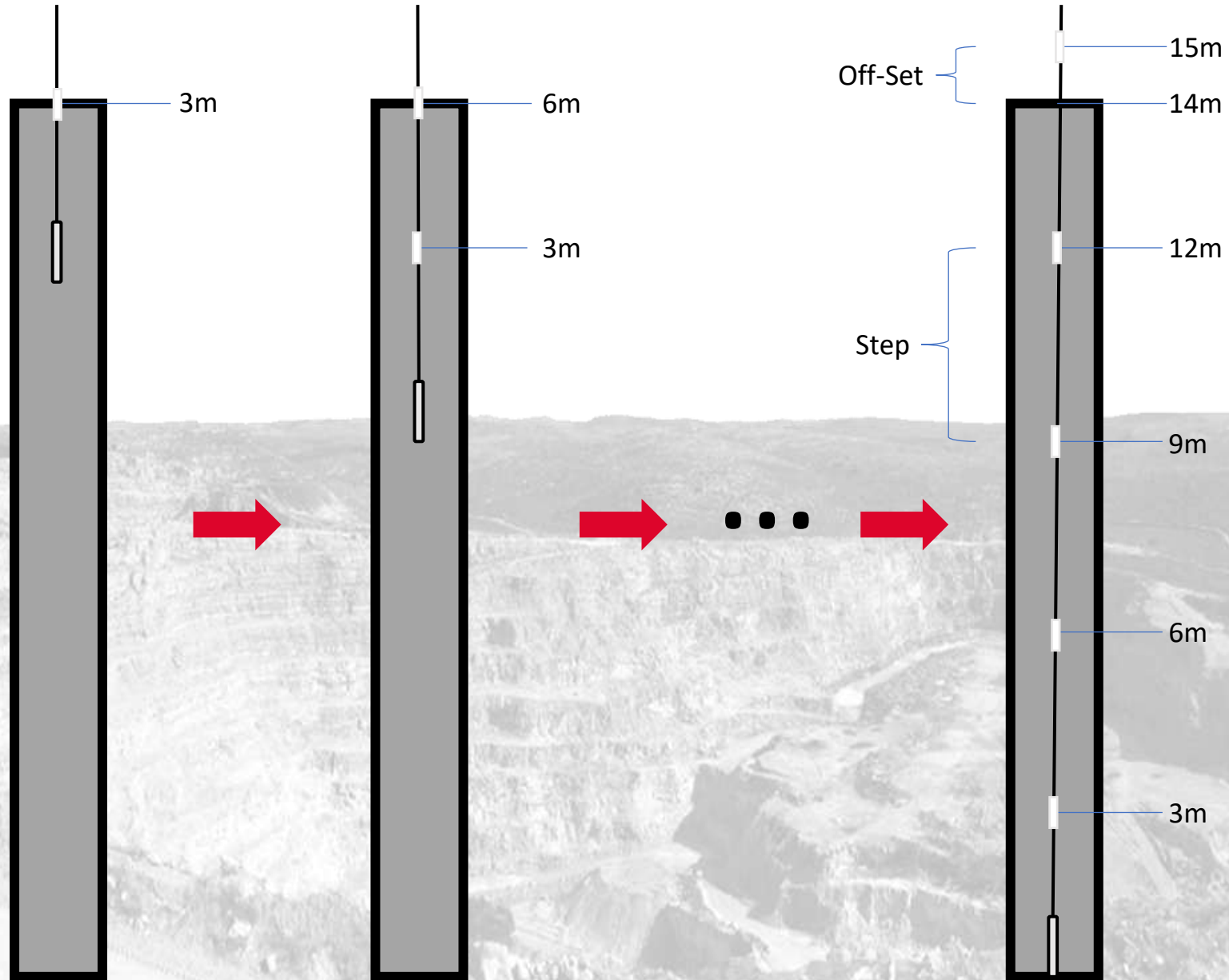
1 1 1 1 1 1
2 2 2 2 2 2
3 3 3 3 3 3
4 4 4 4 4 4
5 5 5 5 5 5

6 6 6 6 6 6
7 7 7 7 7 7
8 8 8 8 8 8
9 9 9 9 9 9
10 10 10 10 10

(...)

36 36 36 36 36
37 37 37 37 37
38 38 38 38 38
39 39 39 39 39
40 40 40 40 40

Off-set and Step





x3
Touch
pen



x1
Extra
Cable



x1
Charging kit



x1
Carabiner
for probe
operator's
harness



x3
7 mm
Carabiner



x1
Probe



x1
Armband



x1
Grease



x2
O-rings



x1
Quick
guide



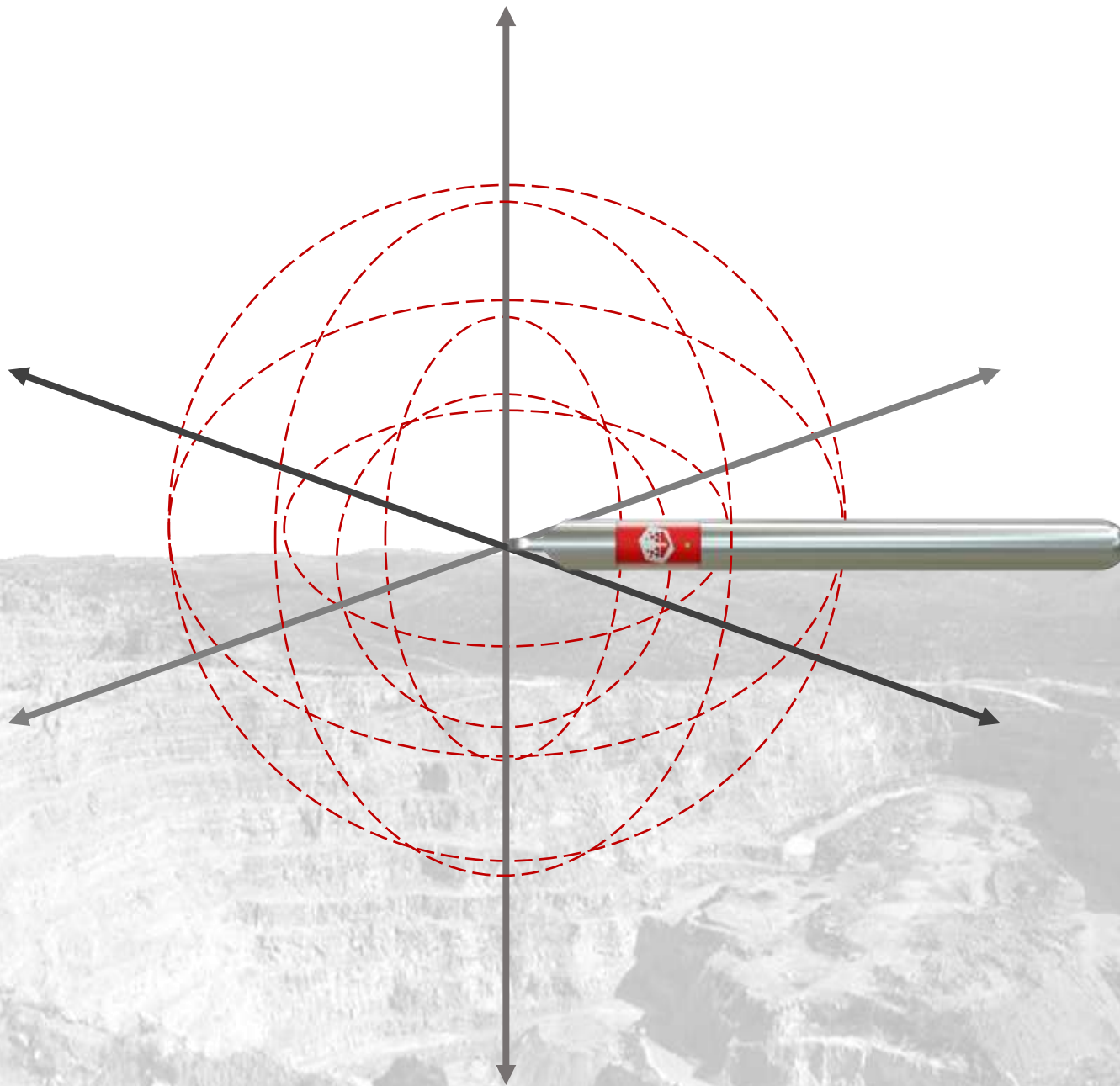
x1
Cleaning
towel



x1
Marked
rope



• 360° measurements
(absolute orientation)



Technical Information

Quick release rope system

Structure built out of AISI304 stainless steel

*Bluetooth 4.2 which facilitates
the transfer of information between the
probe and your electronic device
(phone/tablet)*

*LED status indicator for steady
fast measurements*

100% waterproof

*Ergonomic tip which
facilitates operations, including
boreholes with smaller diameters*

Impact resistant



Sensor

Build IMU with three axis sensors, magnetometer, gyroscope, accelerometer.

Inclination accuracy $\pm 0.1^\circ$

Azimuth accuracy $\pm 1^\circ$

Total kit dimensions: 61cm x 50cm x 25cm

Weight: 12 kg kit

Probe Dimensions: 50cm x 4cm

weight: 2,5 Kg



CASE STUDY: SOUTH AFRICA QUARRY

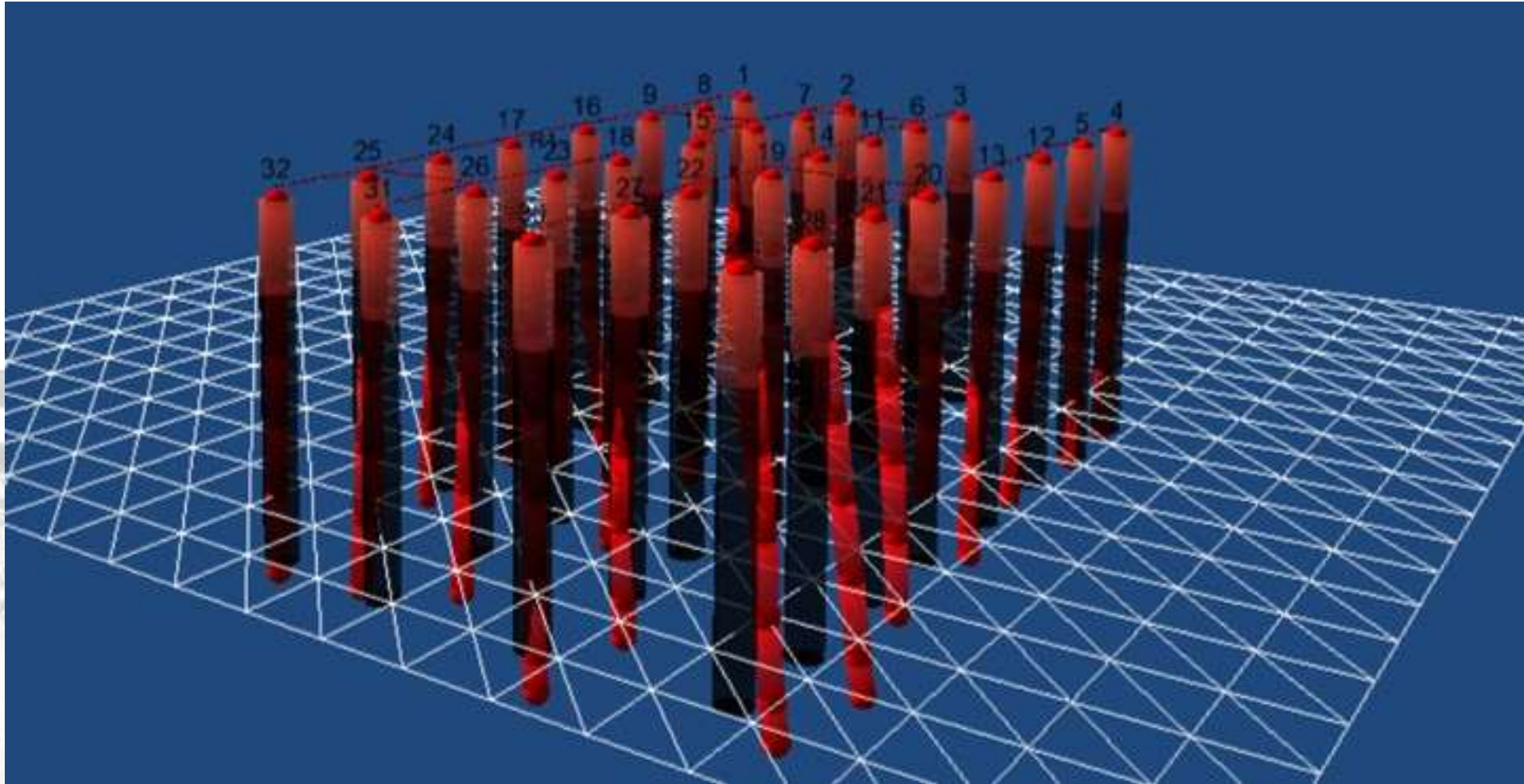


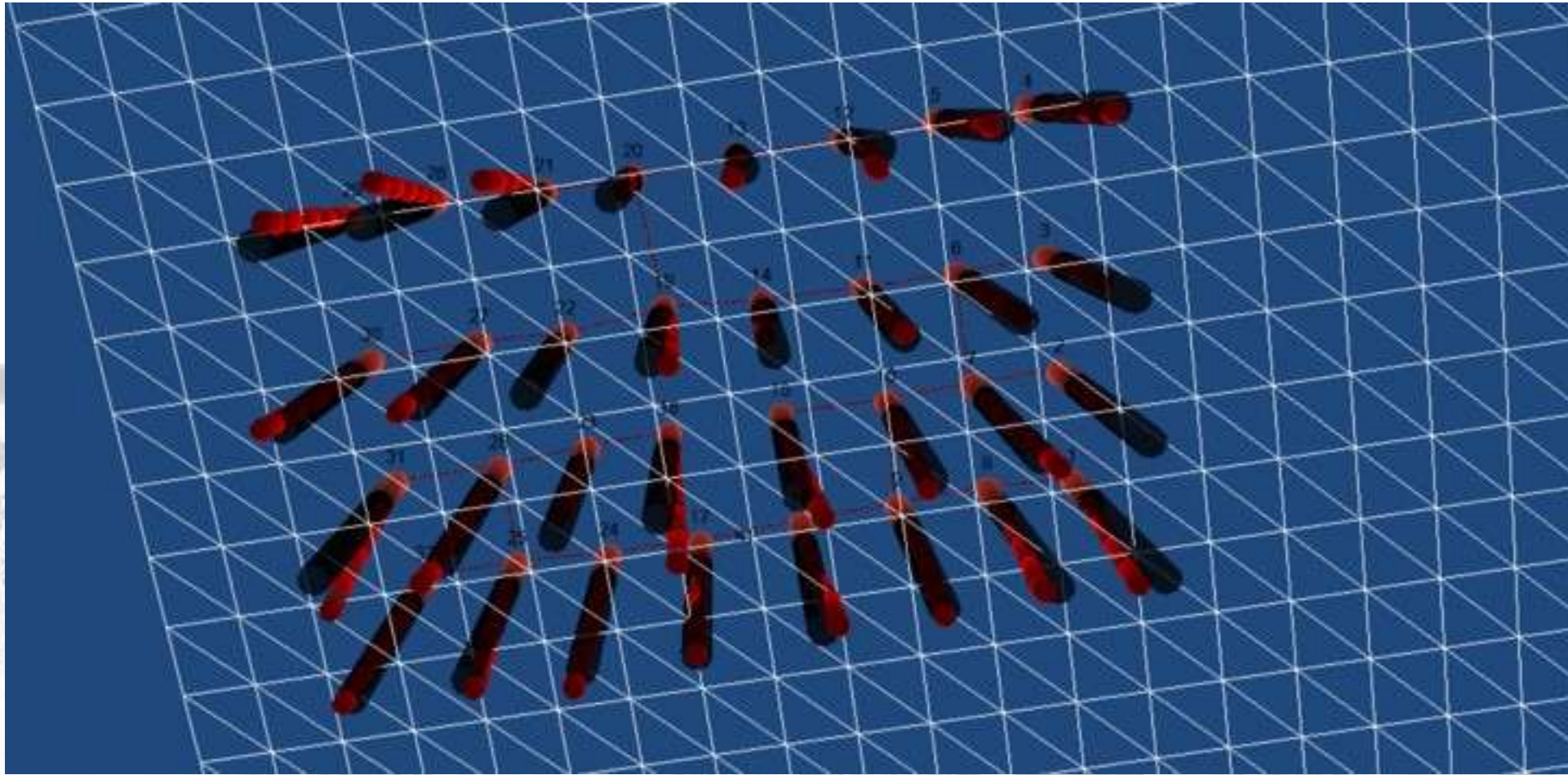
O-PIT**DEV**













CONTACTS

THANK YOU

Contact our Engineers to know more!



SALES

Raquel Sobral - rsobral@o-pitblast.com

Roberto Mendes – rmendes@o-pitblast.com

Francisco Monteiro – francisco.monteiro@o-pitblast.com

José Manuel – jose.manuel@o-pitblast.com

O-PITDEV

Andressa Almeida - aalmeida@o-pitblast.com

Joana Costa – joana.costa@o-pitblast.com



<https://www.o-pitblast.com>

<https://www.blog.o-pitblast.com>



dev@o-pitblast.com

