

**Appendix to report:**

SBJ-33-C5-OON-22-RE-022  
MARINE GEOTECHNICAL DESIGN

**Appendix title:**

APPENDIX D: PSEUDO-STATIC SLOPE STABILITY  
CALCULATIONS

<b>Contract no:</b>	18/91094
<b>Project number:</b>	5187772/12777
<b>Document number:</b>	SBJ-33-C5-OON-22-RE-022 App. D
<b>Date:</b>	15.08.2019
<b>Revision:</b>	0
<b>Number of pages:</b>	7
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Norconsult 

 DR. TECHN.  
OLAV OLSEN

 Prodtex  
Production / Technology / Excellence

 IFE

 Pure Logic  
The science of production reasoning

 HEYERDAHL ARKITEKTER AS

 H&BB

 MIKO  
MARINE AS

 BUKSÉR og  
BERGING

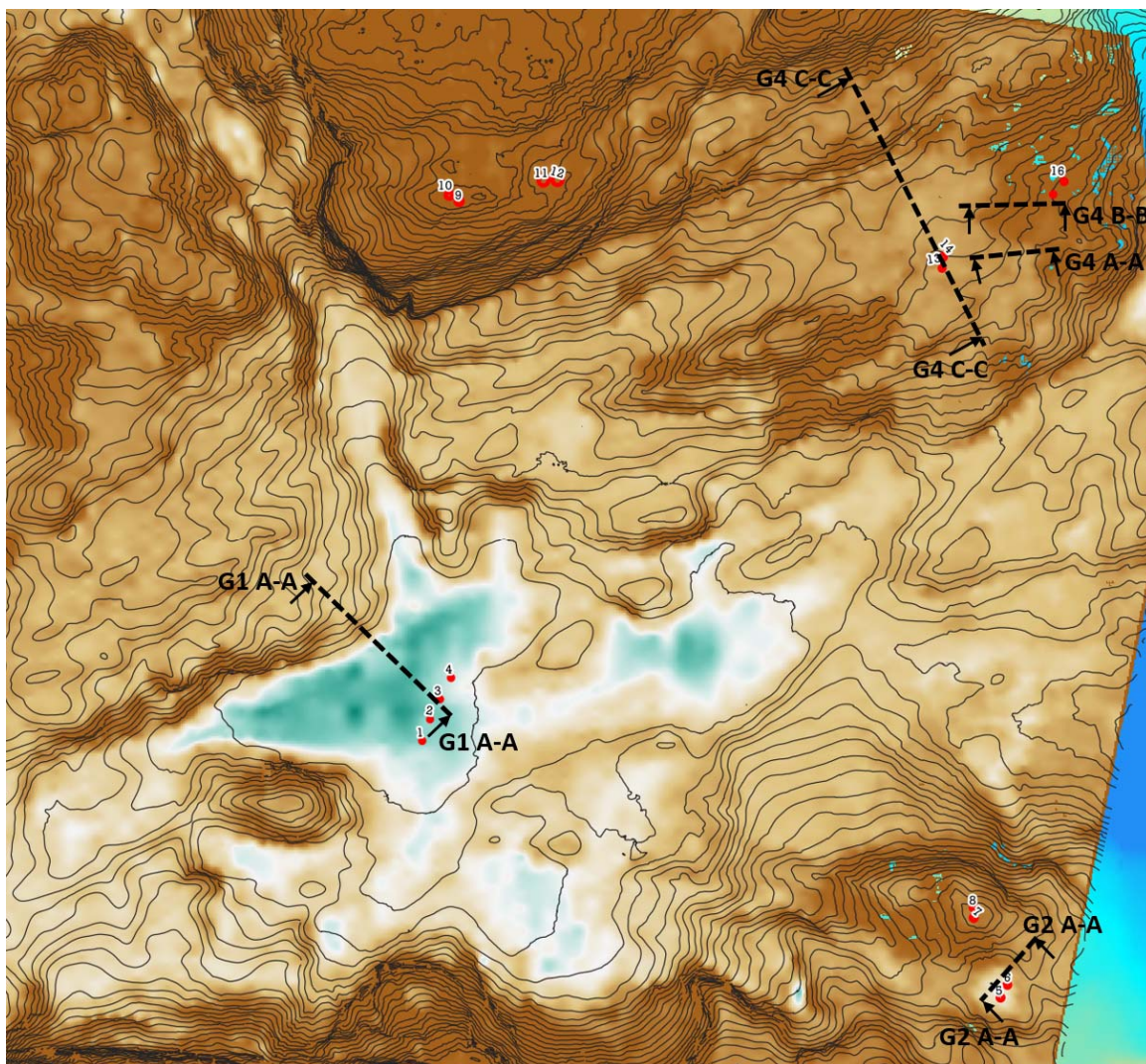
 FORCE  
TECHNOLOGY

 SWERIM

# 1 PSEUDO-STATIC SLOPE STABILITY CALCULATIONS

## 1.1 Introduction

This Appendix includes results from pseudo-static GeoSuite Stability calculations for the profiles shown in Figure 1-1. The calculations are performed with undrained soil parameters.



> Figure 1-1: Overview showing the profiles calculated in GeoSuite stability. The map show contours every 10 m, and the Isopach map is plotted in the background.

> Table 1-1: Stability calculations for the profiles are shown in the following appendices

Profile	G1 A-A	G2 A-A	G4 A-A	G4 B-B	G4 C-C
Appendix	D.1	D.2	D.3	D.4	D.5