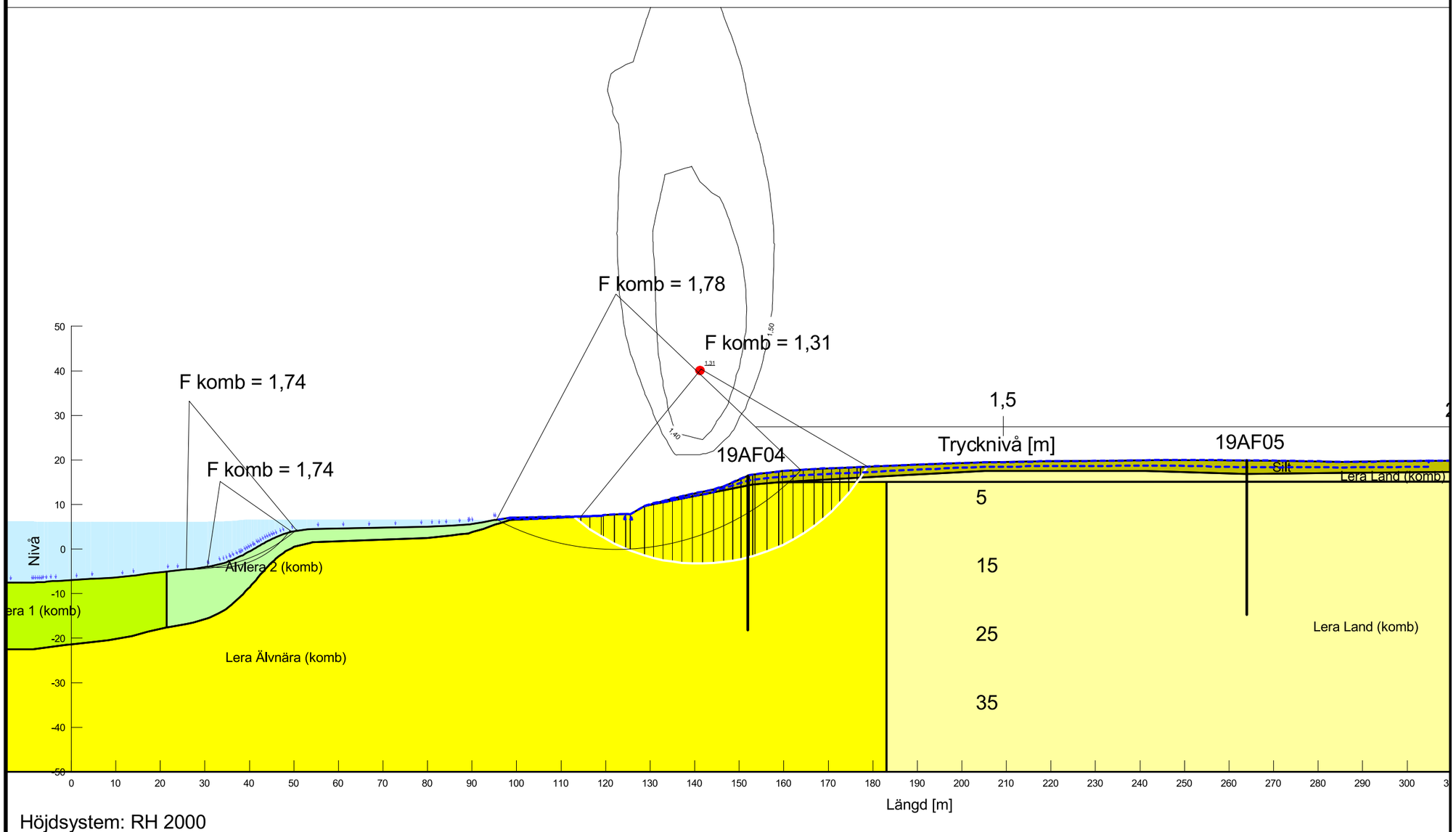
AFRY

STABILITETSUTREDNING, NERÄNGEN

Sektion: V23/500
Delområde: Nerängen
Analysmetod: Kombinerad analys
Skala: 1:1 000 (A3)

Slip Surface Option: Grid and Radius
Method: Morgenstern-Price
PWP Conditions from: Spatial Function
Date: 2020-02-07
Created By: Isaksson Mikael
Last Edited By: Isaksson Mikael
Factor of Safety: 1,31



Höjdsystem: RH 2000

Name: Lera Land (komb)
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi': 30 °
C-Datum: 2 kPa
C-Rate of Change: 0,15 (kN/m²)/m
Cu-Datum: 20 kPa
Cu-Rate of Change: 1,5 (kN/m²)/m
C/Cu Ratio: 0,1
Datum (Elevation): 15 m

Name: Lera Land (komb) (2)
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi': 30 °
C-Top of Layer: 2 kPa
C-Rate of Change: 0 (kN/m²)/m
Cu-Top of Layer: 20 kPa
Cu-Rate of Change: 0 (kN/m²)/m
C/Cu Ratio: 0,1

Name: Lera Älvnära (komb)
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi': 30 °
C-Datum: 2,2 kPa
C-Rate of Change: 0,123 (kN/m²)/m
Cu-Datum: 22 kPa
Cu-Rate of Change: 1,23 (kN/m²)/m
C/Cu Ratio: 0,1
Datum (Elevation): 15 m

Name: Silt
Model: Mohr-Coulomb
Unit Weight: 17 kN/m³
Cohesion': 0 kPa
Phi': 30 °

Name: Älvlera 1 (komb)
Model: Combined, S=f(datum)
Unit Weight: 17 kN/m³
Phi': 30 °
C-Datum: 0,3 kPa
C-Rate of Change: 0,434 (kN/m²)/m
Cu-Datum: 3 kPa
Cu-Rate of Change: 4,34 (kN/m²)/m
C/Cu Ratio: 0,1
Datum (Elevation): -5 m

Name: Älvlera 2 (komb)
Model: Combined, S=f(depth)
Unit Weight: 17 kN/m³
Phi': 30 °
C-Top of Layer: 0,3 kPa
C-Rate of Change: 0,434 (kN/m²)/m
Cu-Top of Layer: 3 kPa
Cu-Rate of Change: 4,34 (kN/m²)/m
C/Cu Ratio: 0,1