

Nýggj tøkni í fornfrøðini

Helgi D. Michelsen

Fornfrøðingur

Vísindavøkan 27.-28. sept. 2012

Framløgan

- GIS
- Innsavning av data
- GPS, Totalstati3n, DGPS
- Eftirviðgerð í GIS
- GIS verkætlan - Bústaðarleivdir á Sandoy
- Fyrimunir og vansar við nýggju t3knini

Hvat er GIS?

- GIS er stytting fyri Geographical Information System ella Geografisk Kunningar Skipan
- GIS savnar, goymir, greinar og framførir staðsettar dátur. GIS er væl egnað innan fornfrøðina, tí alt, sum verður innsavnað og skrásett, er tengt at ávísnum staði, t.v.s. at hetta kann skrásetast við ávísnum x, y og z krosstølum ella longd, breidd og hædd

Útbygging av Vága Floghavn- Fornminnaskráseting

Slag

- Krógv
- Krógv?
- Húsafoft, nýggjari tíð
- Heyggur/Toft?
- Lítil laðing
- Ókent
- Ból
- Rætt/Krígsminni?
- Rætt
- Harusetur
- Varði
- Krígsminni, mastrafundament
- Krígsminni, plattur
- Krígsminni, reiður
- Krígsminni, rund høvd
- Krígsminni, toft
- Krígsminni, ókent
- Krígsminni? Steinur við áskrift
- ▭ Dispositiónsøki
- Øll spor 15.09.2009

SØVN
LANDSINS

0 100 200 400 600 800 Metra



SØVN
LANDSINS

Fornminnissavnið

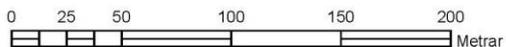
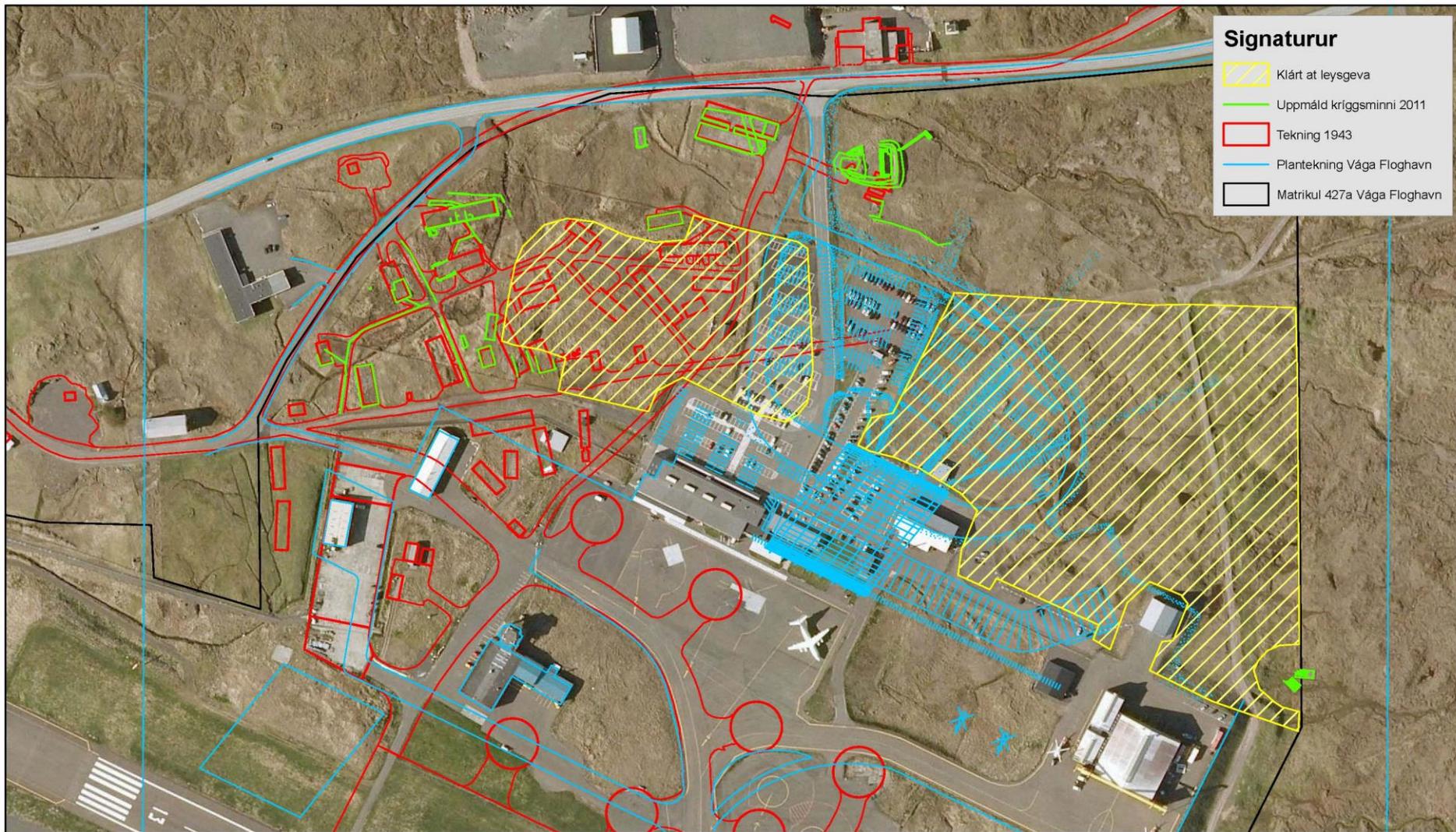


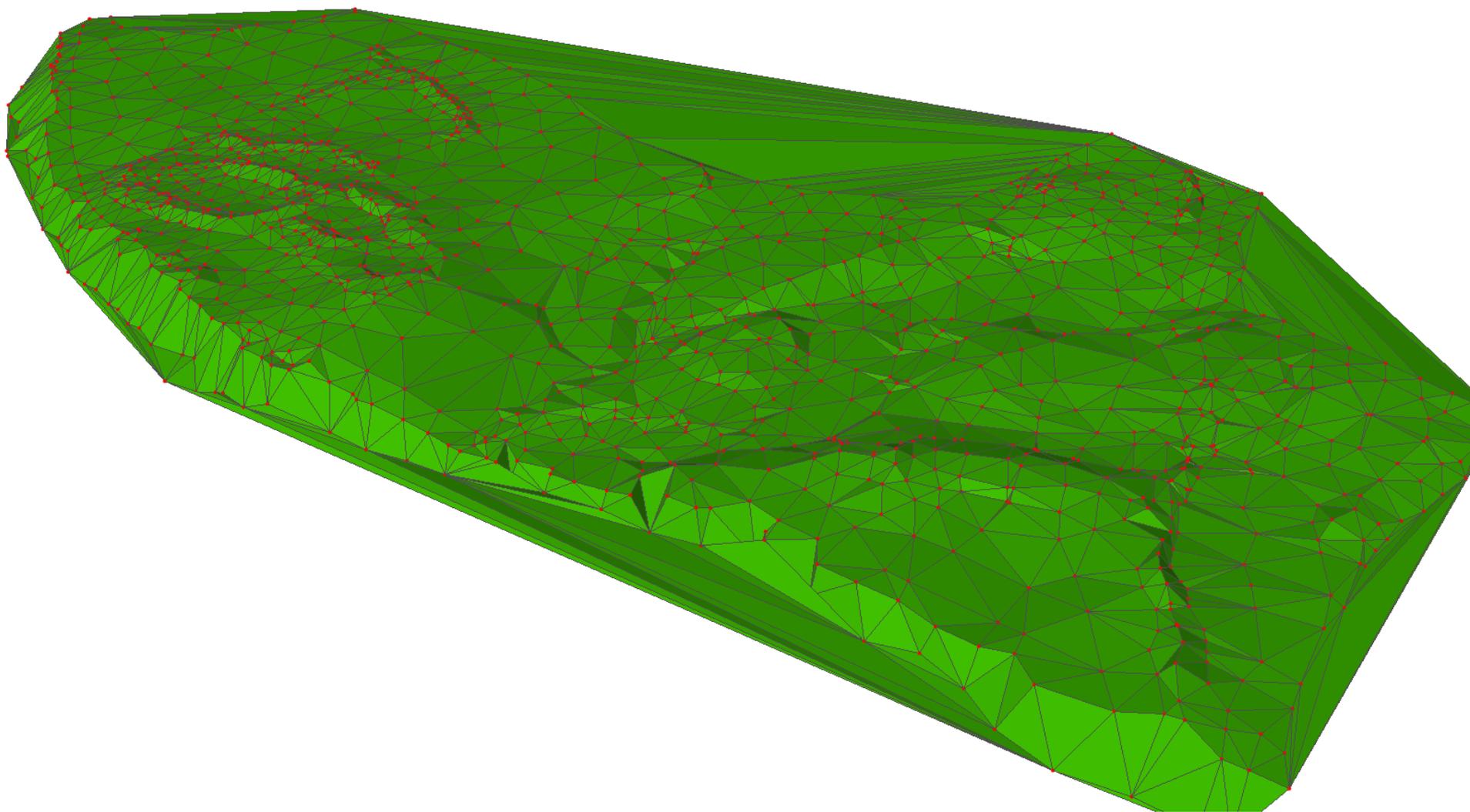
SØVN
LANDSINS

Fornminnissavnið

Krígsminni við Vága floghavn

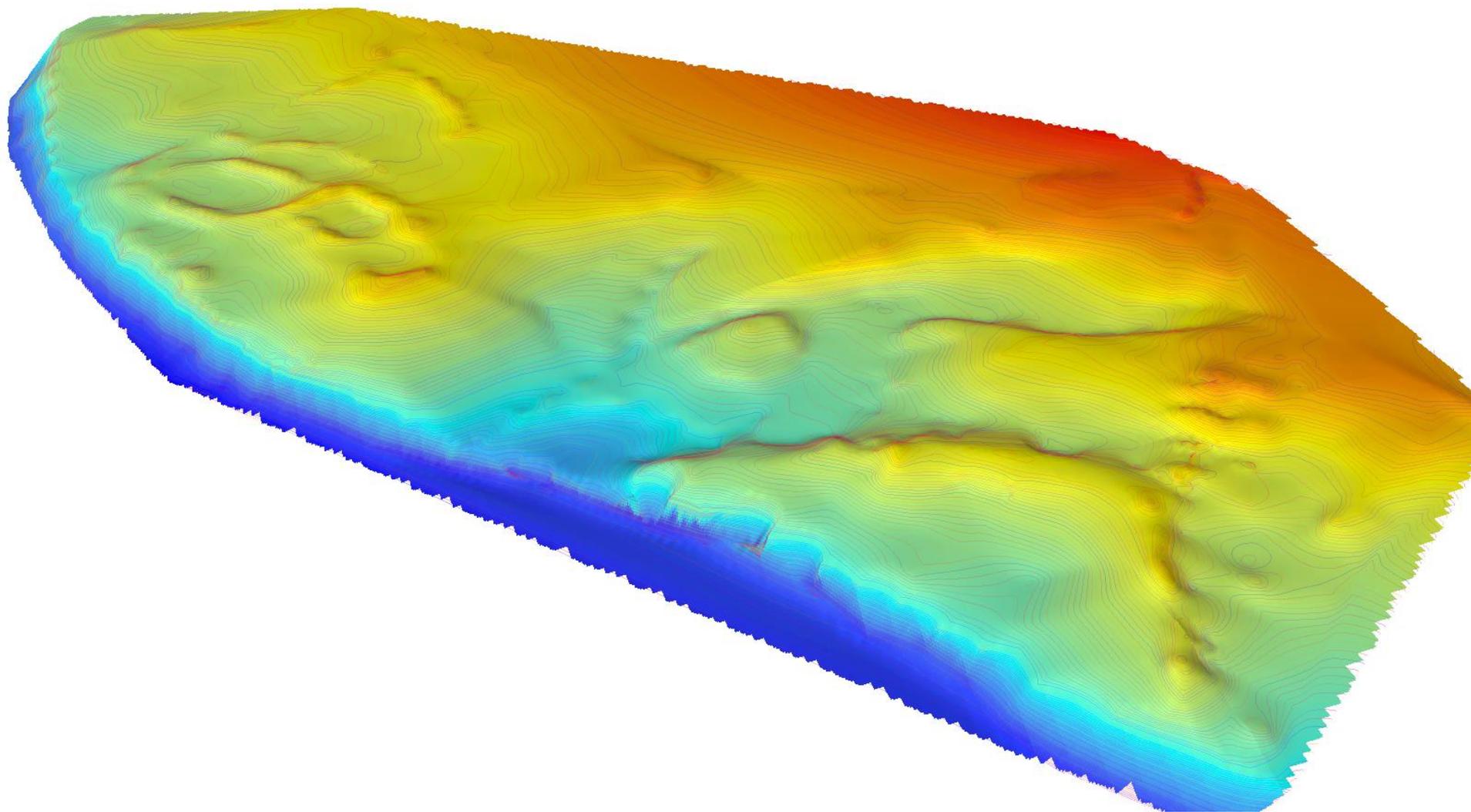
Økið norðan fyri hangarin og atkomuhøllina





SÖVN
LANDSINS

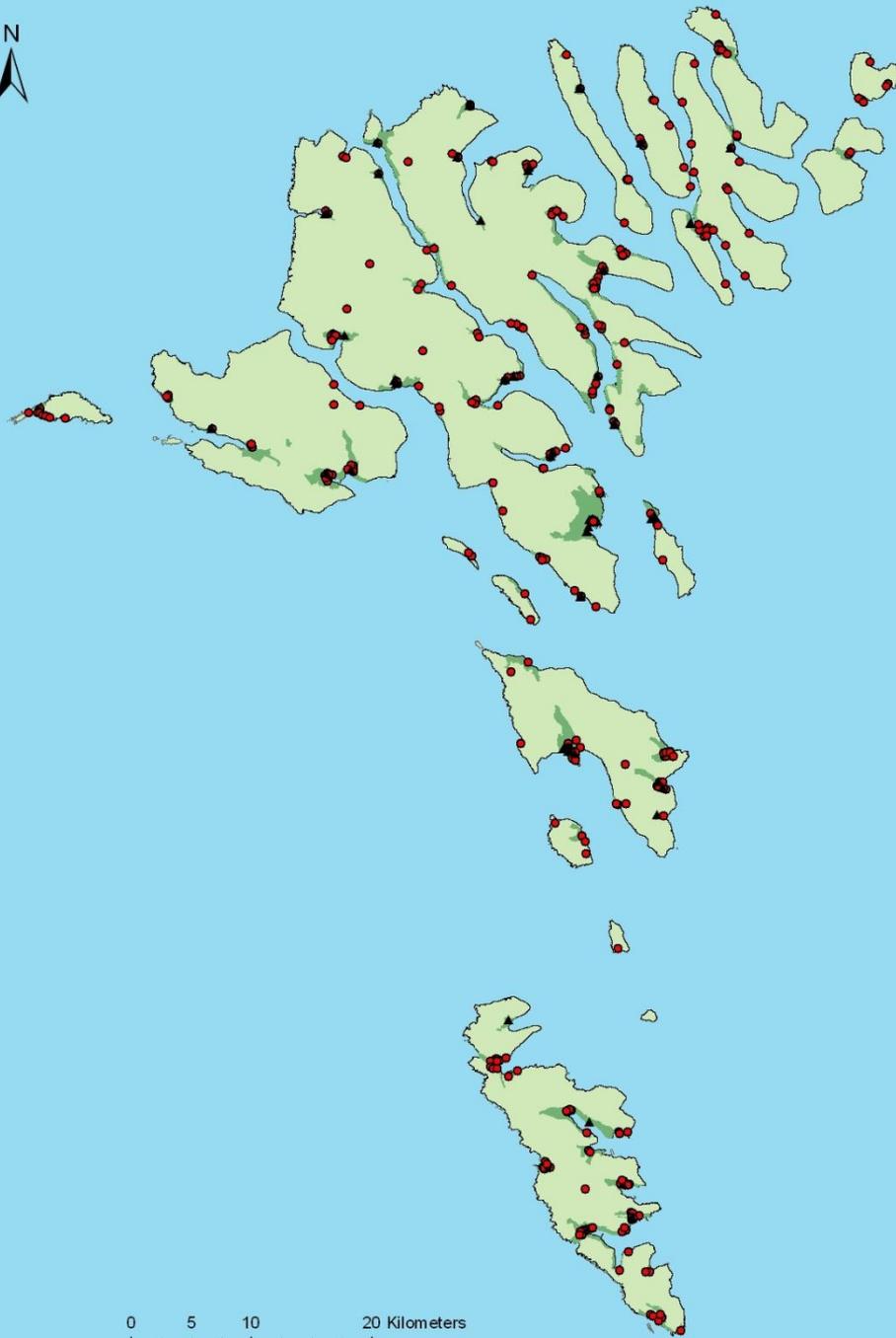
Fornminnissavnið



SÖVN
LANDSINS

Fornminnissavnið





0 5 10 20 Kilometers

1:3,000 Georeferencing Layer: GPS Unit Layer: MuninkortF20 500

Editor Task: Create New Feature Target: Spatial Analyst Layer: 70%

Spatial Adjustment Raster: Vectorization Raster Cleanup Cell Selection

Survey Editor Project:

Layers

- Frámerki
 - Á Sondum
 - Innanfyrri Heygagerði
 - Somhústoft
 - Í Eingaertoftum
 - Á Straplinum
 - Á Steig
 - Við Barnagarðin
 - Yviri í Tottini
- Jarafest Forminni
- Bygðaaetlan 2008
 - Slag
 - A - Miðstaðarendamál
 - B - Byggjökli
 - B1:4 Byggjökli við lokaáseting
 - C - Vinnuendamáli
 - D - Havnarökli
 - E - Almennir stovnar
 - F - Almennir fritíðargökli
 - G - Neyst og bátapláss
 - GO - Gonguvegur
 - H - Frilendi
 - M - Fornminni
 - S - Summarhús
 - V - Viðarklund
 - VE - Vegur
- Friðað öki
- MuninkortF20
- Varðar
- Seyðaból
- Hæddarlinja 50m
- Hæddarkurvar_Eysturoy
- Lendslinja
- Avmarkingarlinja
- Bygningar
- Hæddarkurvar_Sandoy
- vegur
- Litlar áir
- Stórar áir
- Gøta

Display Source Selection



File Edit View Bookmarks Insert Selection Tools Window Help

1:3.000 Georeferencing Layer: GPS Unit: Layer: MuninkortF20 500

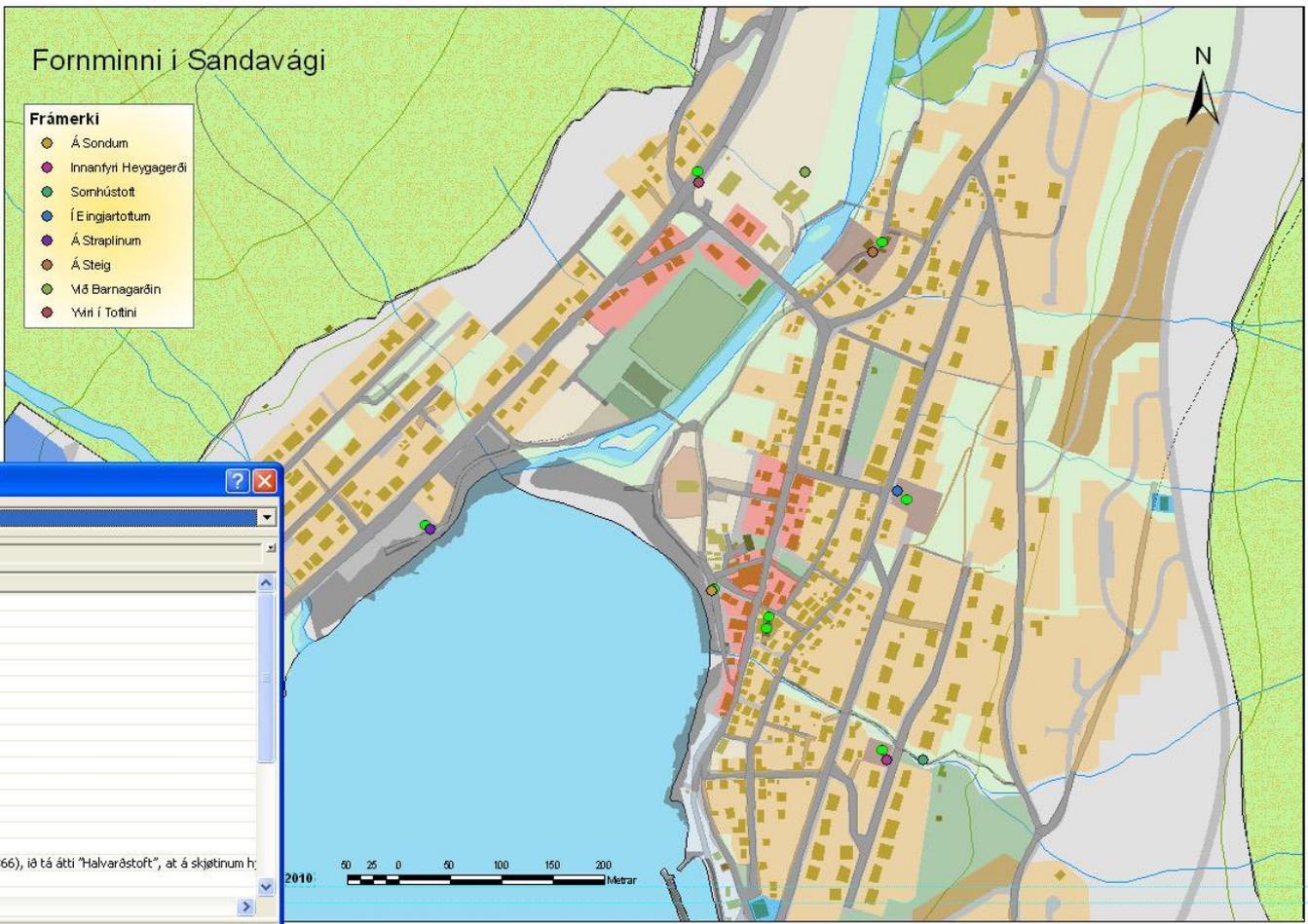
Editor: Task: Create New Feature Target: Spatial Analyst Layer:

Spatial Adjustment Raster: Vectorization Raster Cleanup Cell Selection 70%

Survey Editor Project:

Layers

- Frámerki
 - Á Sondum
 - Innanfyri Heygagerði
 - Sornhústoft
 - Í Eingjartoftum
 - Á Straplínum
 - Á Steig
 - Vá Barnagarðin
 - Yviri í Toftini
- Jarafest Fornminni
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 - F - Almenn frítíðaræki
 - G - Neyst og bátapláss
 - GO - Gonguvegur
 - H - Frílandi
 - M - Fornminni
 - S - Summarhús
 - V - Viðarlund



Identify

Identify from: <Top-most layer>

Location: -603.016,875 707.610,105 Meters

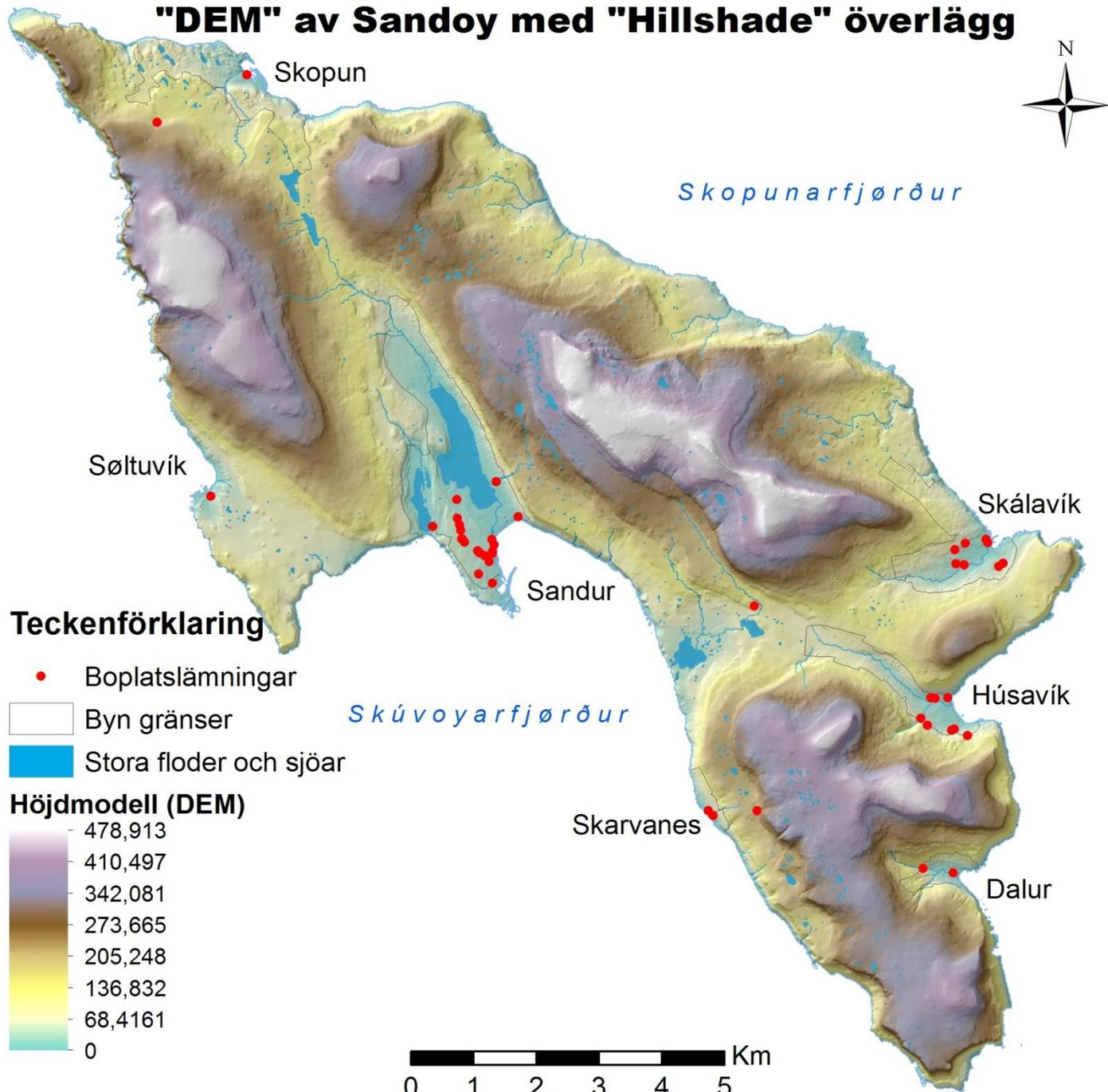
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OBJECTID	115
Shape	Point
ID	115
OLD_ID	221
ID	221
Markatalsbygd	28
Fmnr	28006
GPS b min	<null>
GPS l min	<null>
Matr_Nr	<null>
Fríðingarstæða	Loyst úr fríðing
Navn	Toftini, yviri í
Staður	<null>
Ánari	Sandavágur, innang.
HERRD	Sandavágur
GLAMT	
Lýsing	Samb 5D 1956 segði Hans Simonsen, Uppi í Húsi í Sandavági (f. 1866), ið tá átti "Halvarðstoft", at á skjetinum h.
Søgn	<null>
Sagnlinar heimildir	Díkkv 1976: 1076b

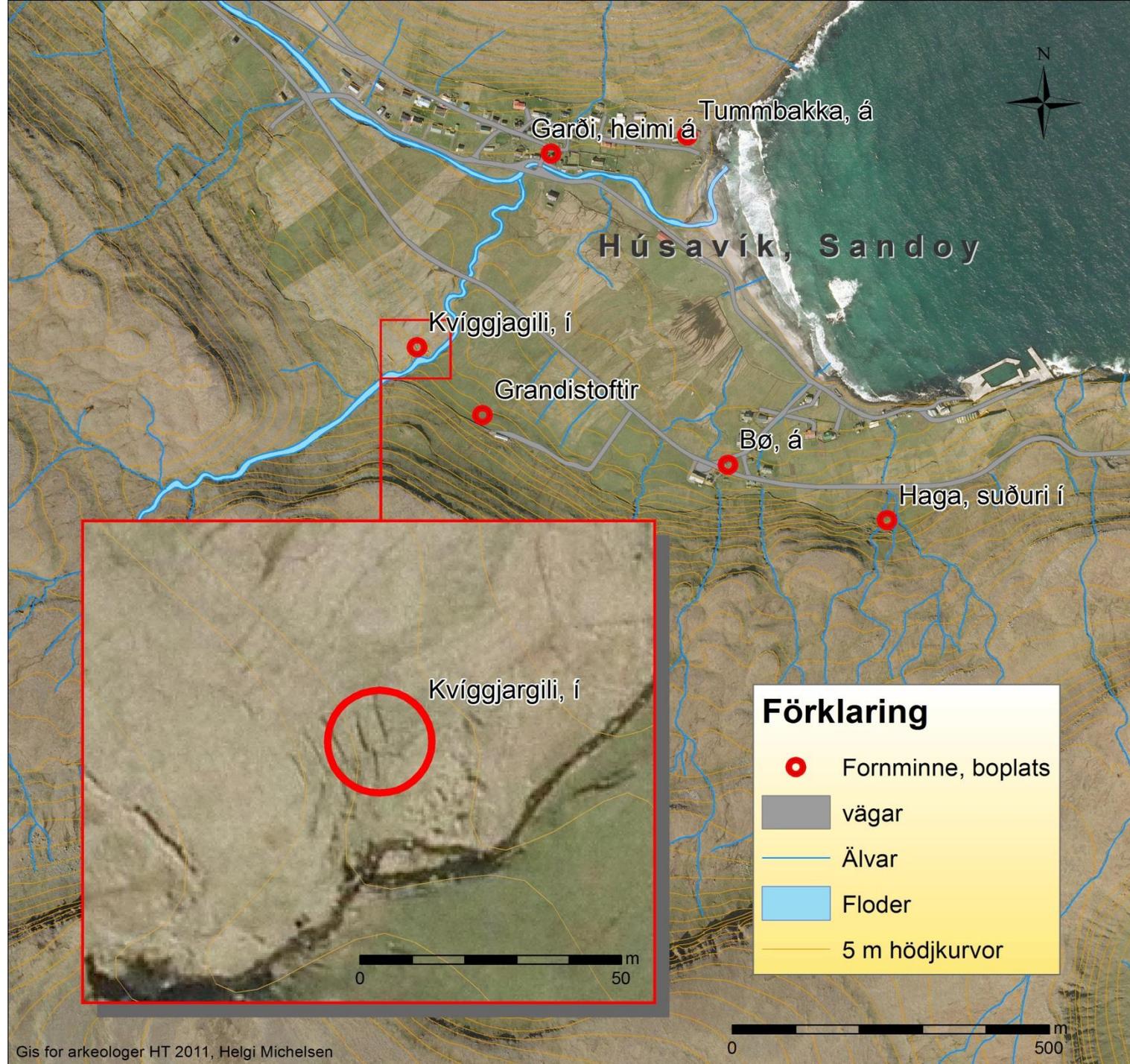
Identified 1 feature

Getta

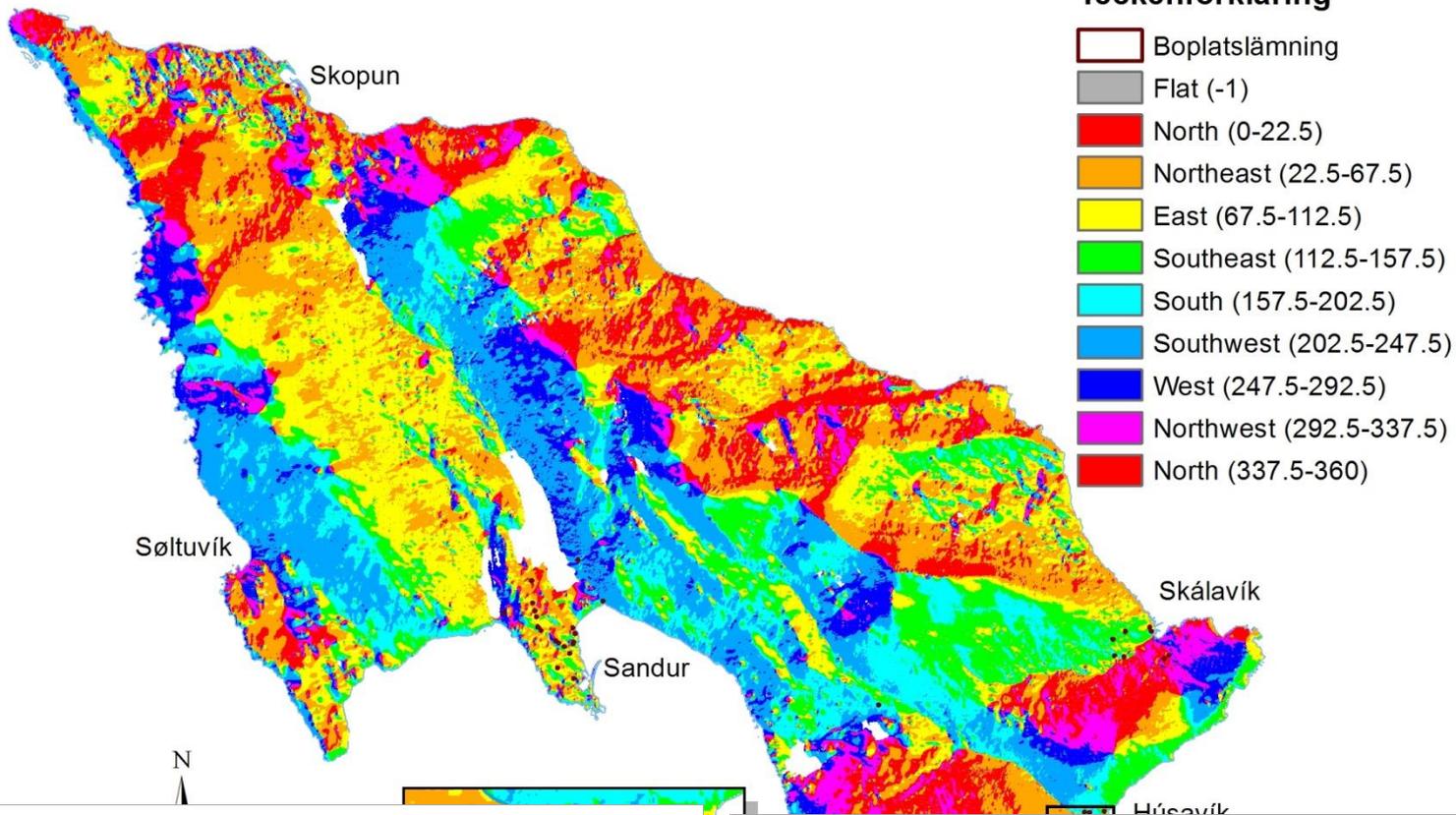
Display Source Selection

"DEM" av Sandoy med "Hillshade" överlägg

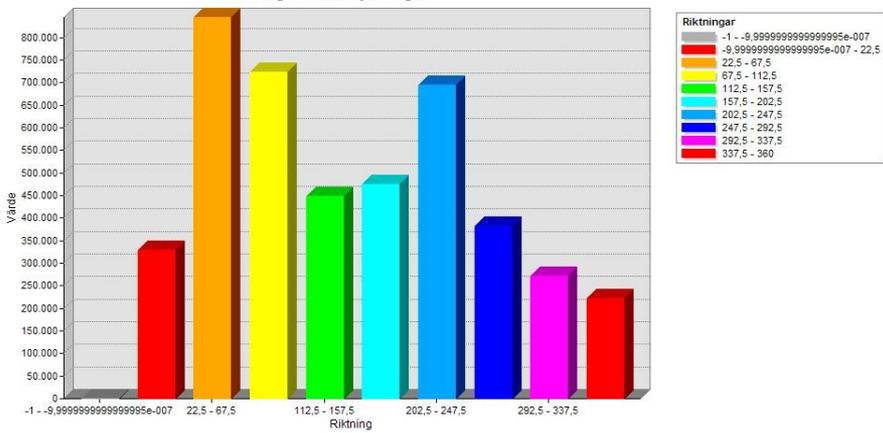




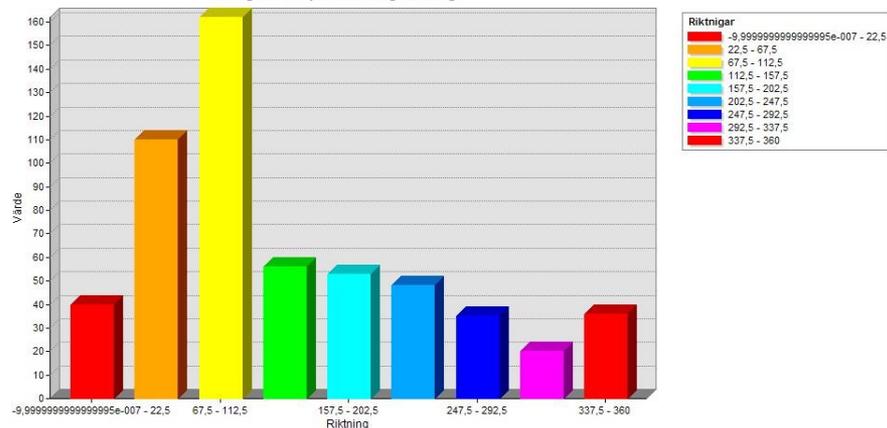
Sandoy - bopladslämningar riktning analyse



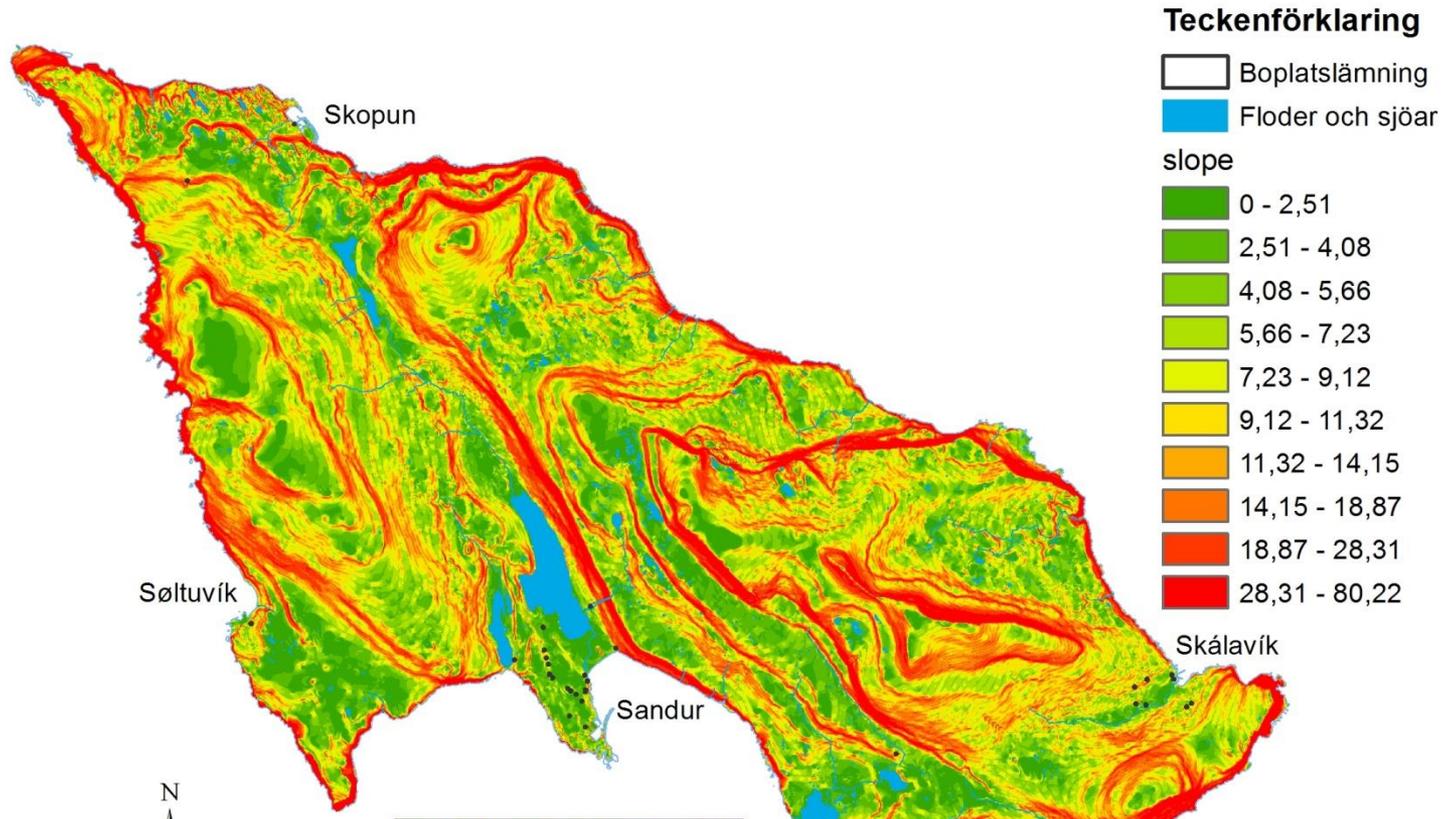
Histogram - Sandoy riktning



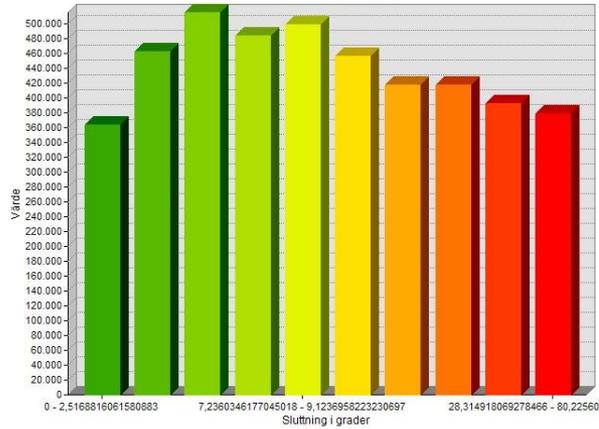
Histogram - Bopladslämningar riktning



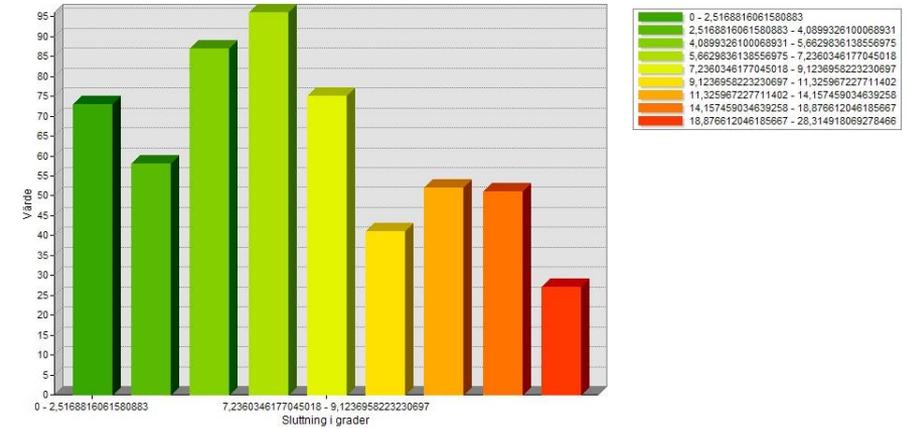
Sandoy - bopladslämningar, sluttning analyse



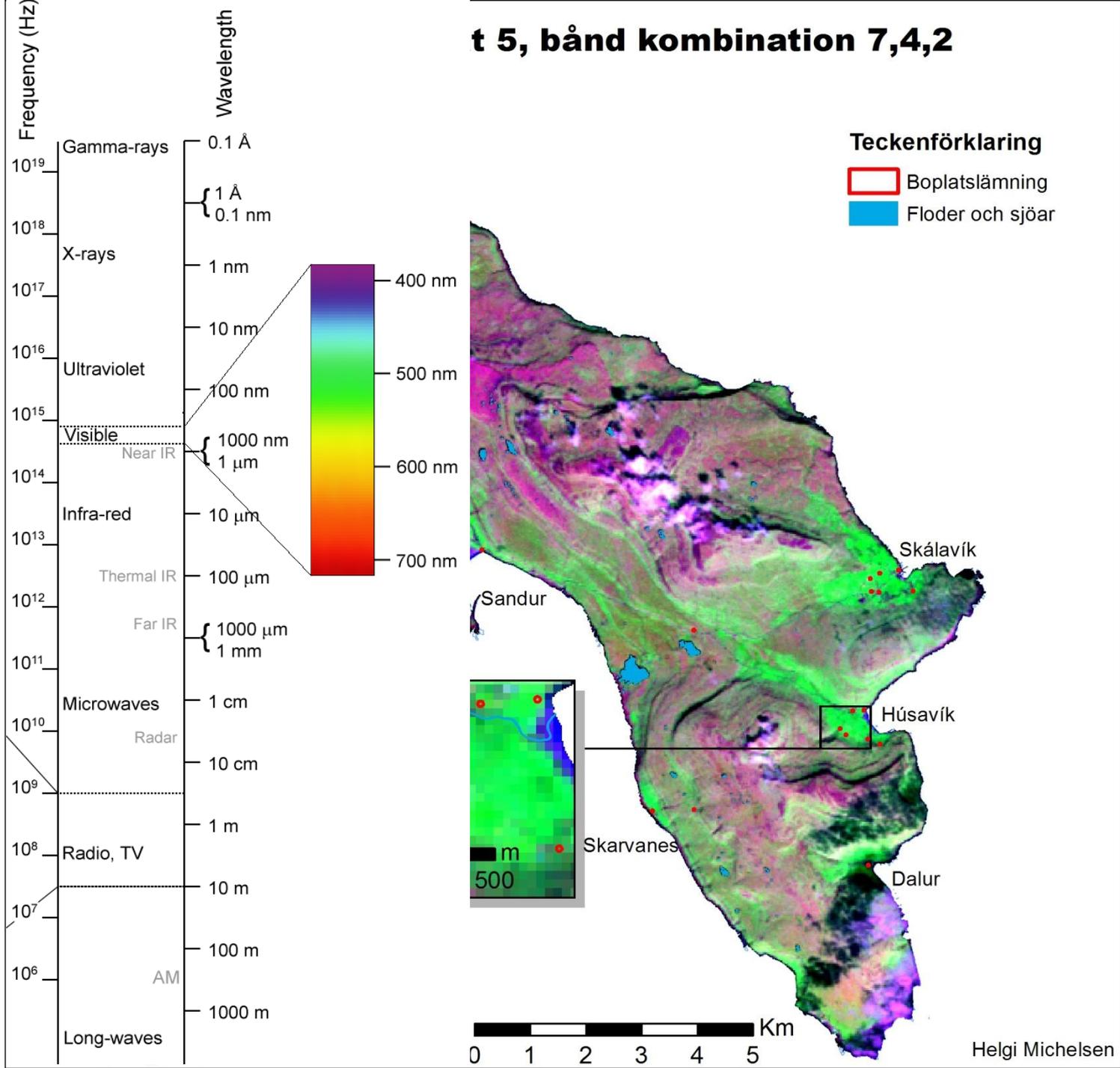
Histogram - Sandoy sluttning



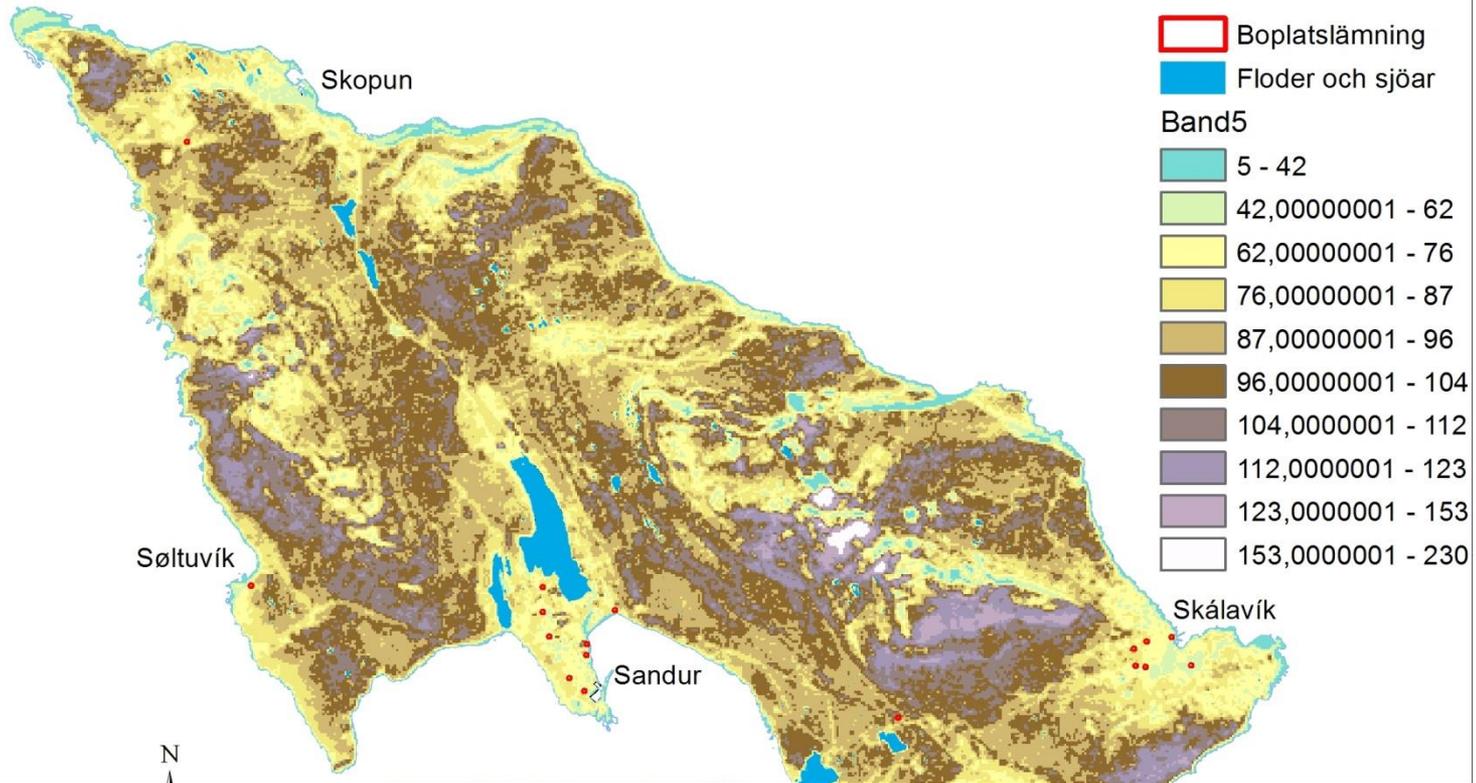
Histogram - Bopladslämningar sluttning



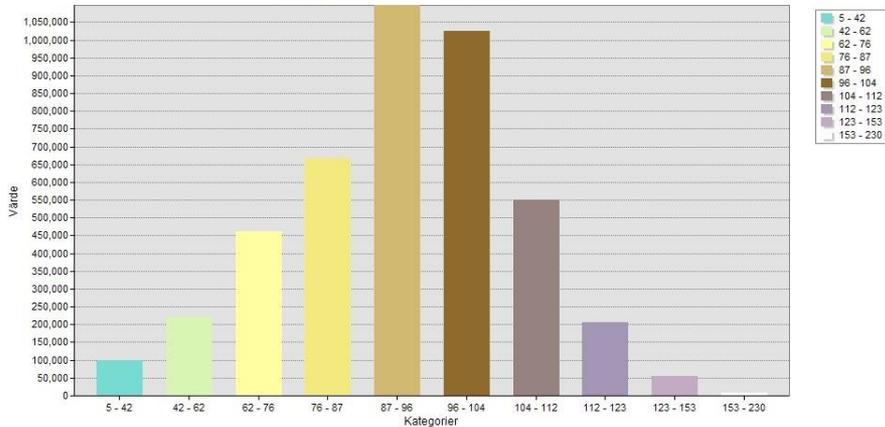
t 5, bånd kombination 7,4,2



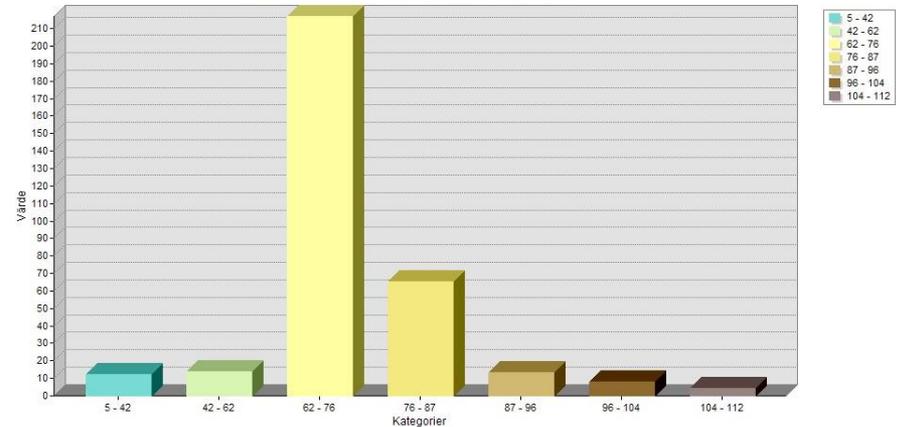
Sandoy - bopladslämningar, Landsat5 Band 5

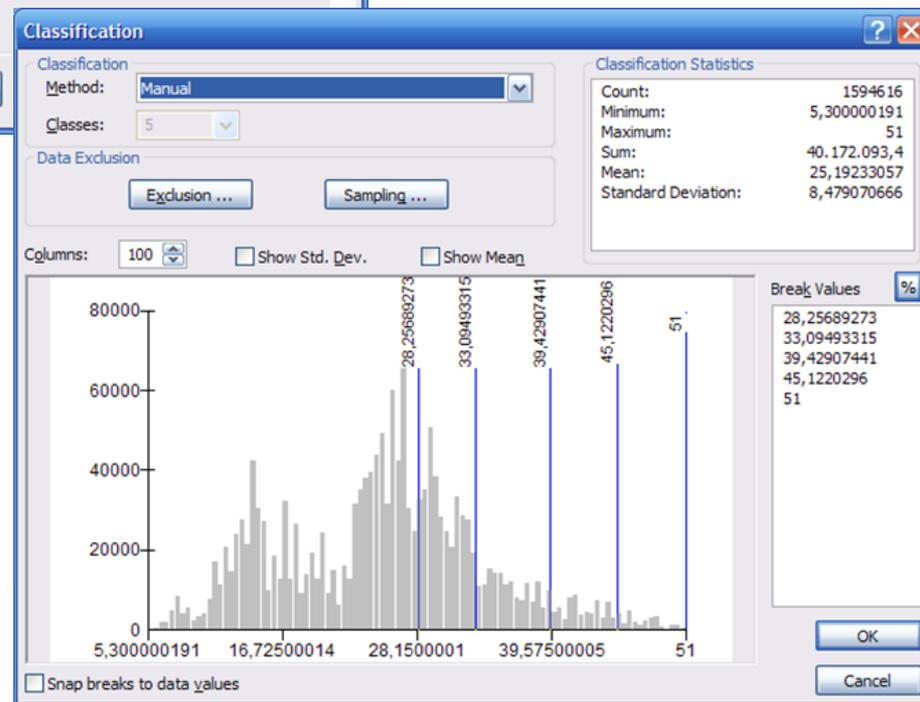
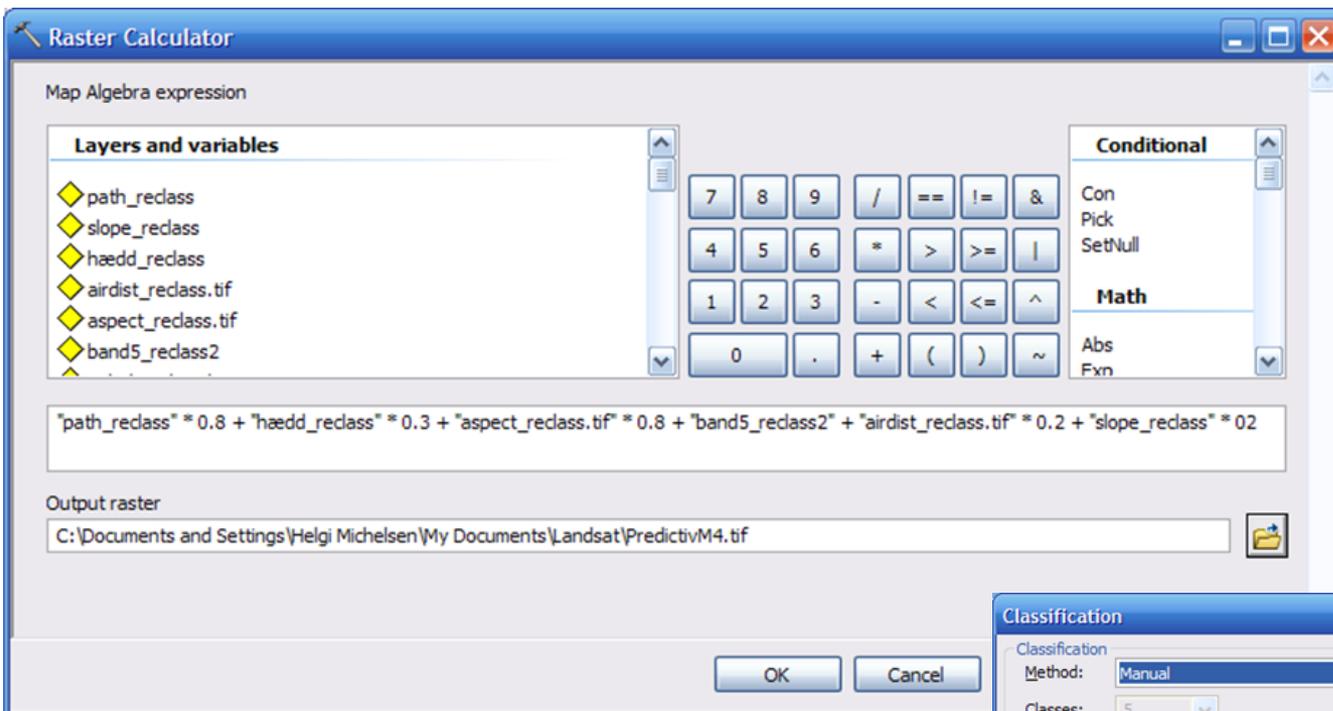


Histogram - Sandoy Landsat 5 Band5

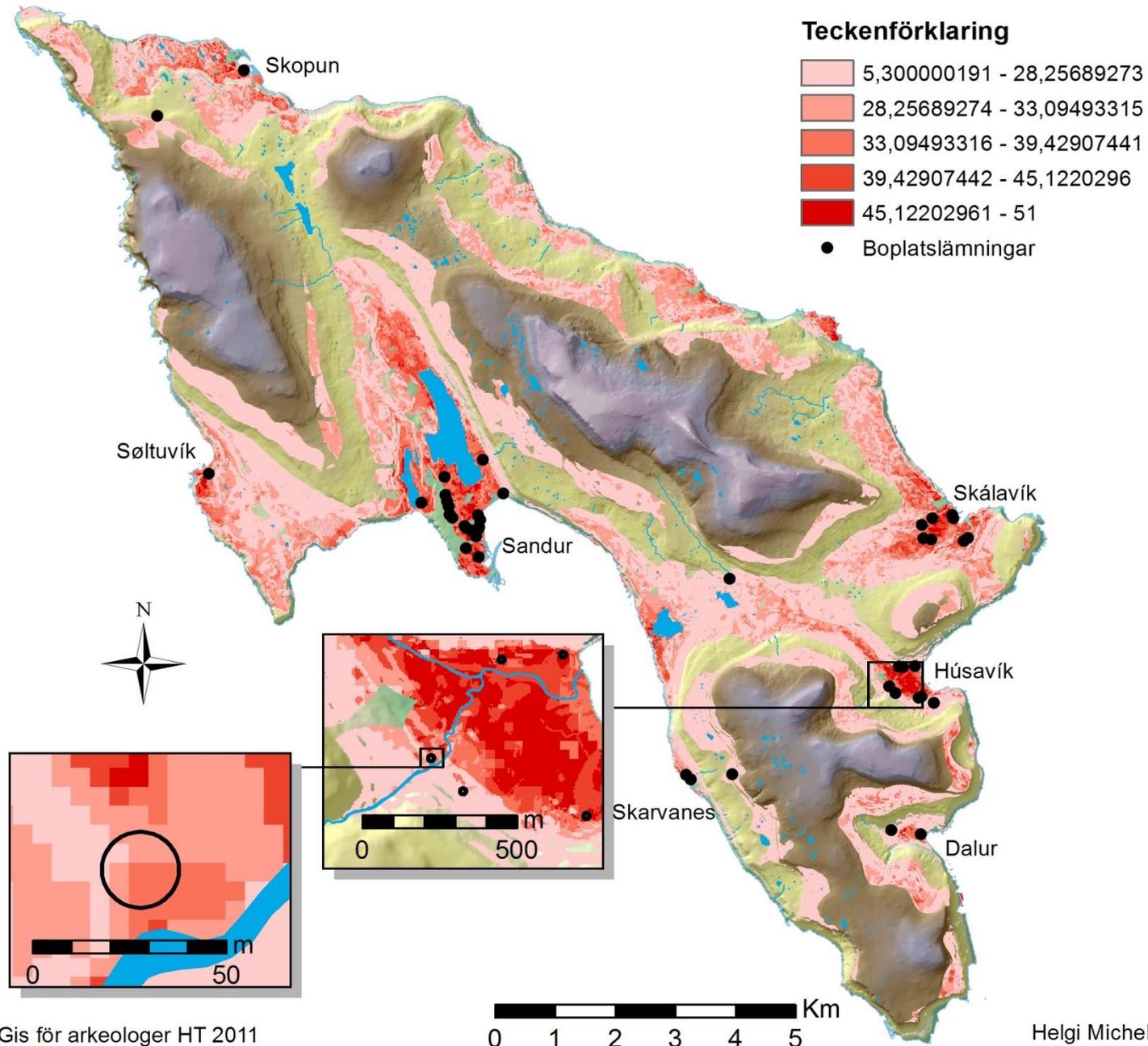


Histogram - Bopladslämningar Landsat 5 Band5

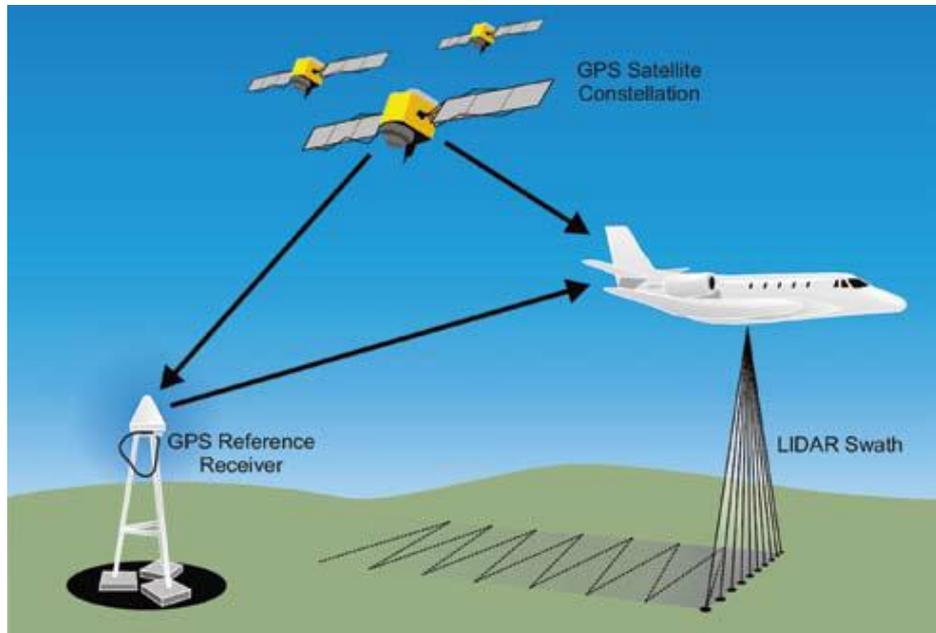




Sandoy - predictive model



Fyrirminir og vansar við tækni



<http://youtu.be/aJFH3TCVzTk>

Góða vísindavøku!