Fieldmove Clino

Field Geology

17 Mar 2022

Jack Giletycz

Field measurements

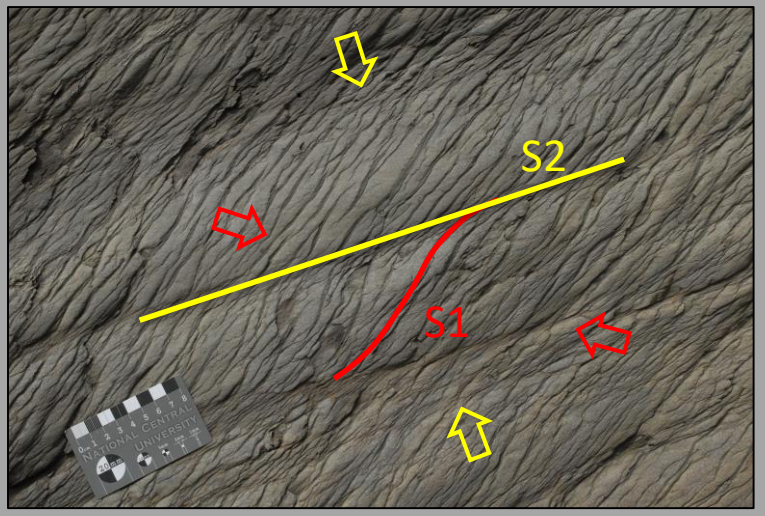
orientation of geological structures as:

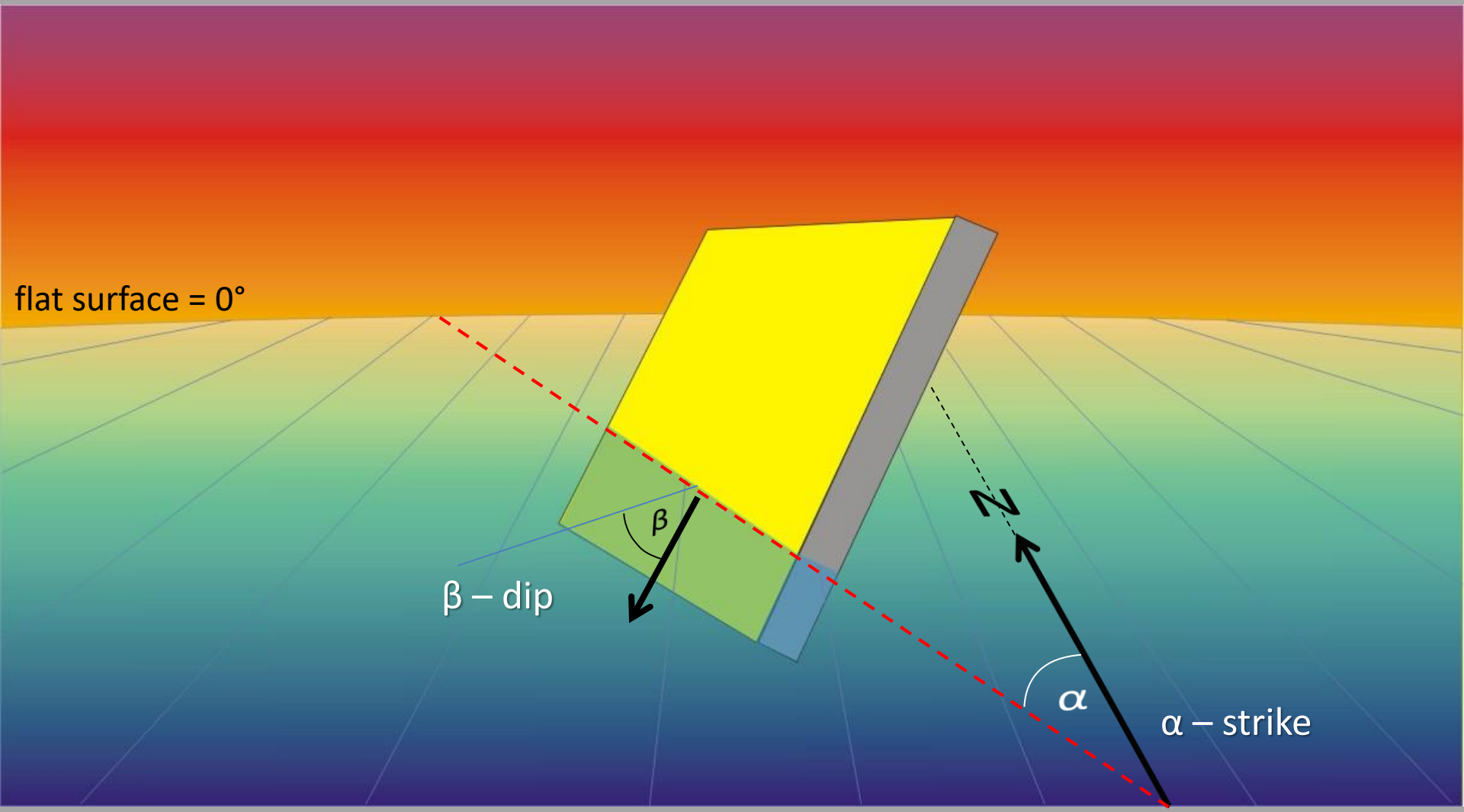
- bedding planes,
- foliations,
- lineations,
- joints,
- faults.

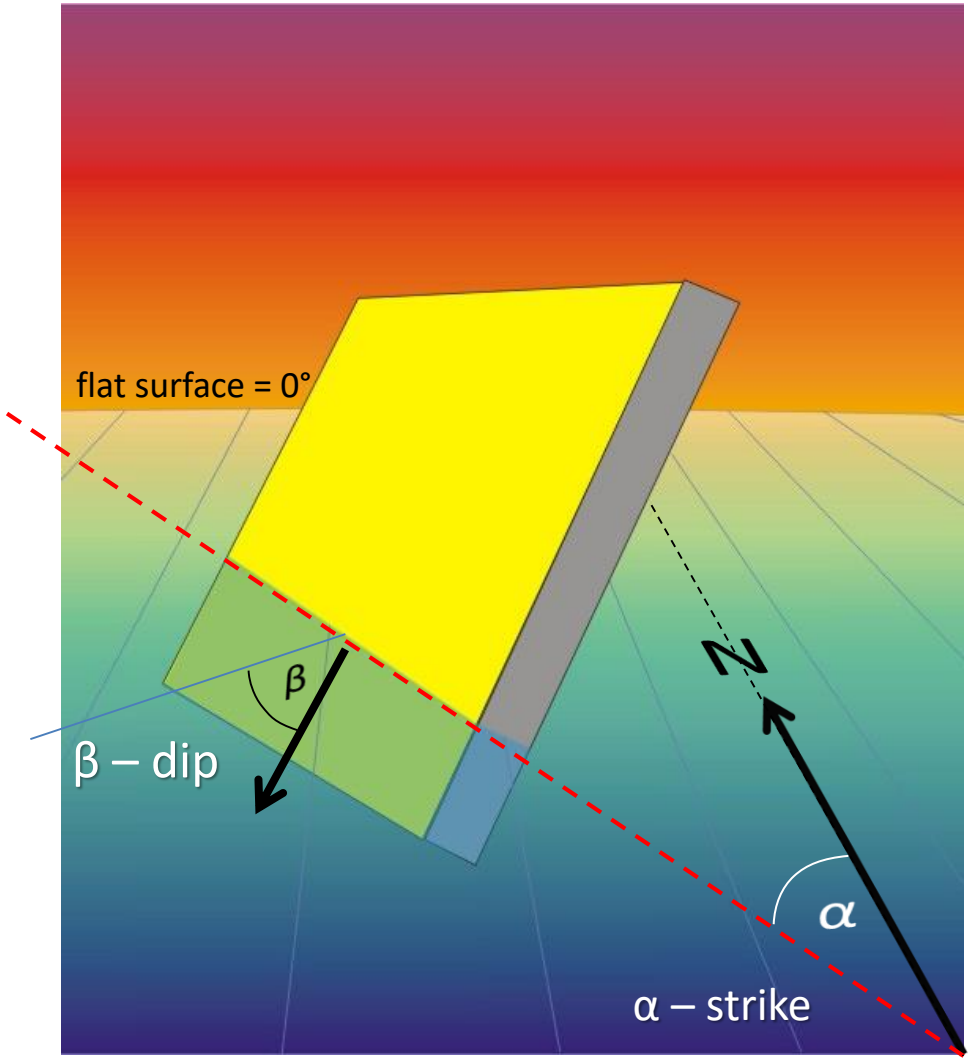
geological compass

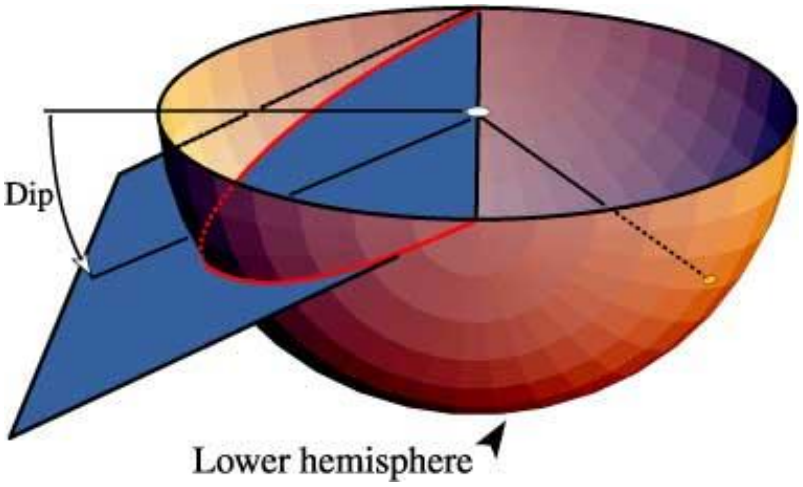
slickensides

crenulation




flat surface = 0°
β
β – dip
N
α
α – strike


flat surface = 0°
β
β – dip
N
α
α – strike


Dip
Lower hemisphere

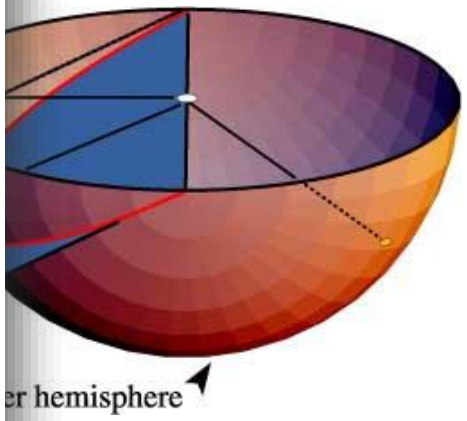
structural measurements

GPS location

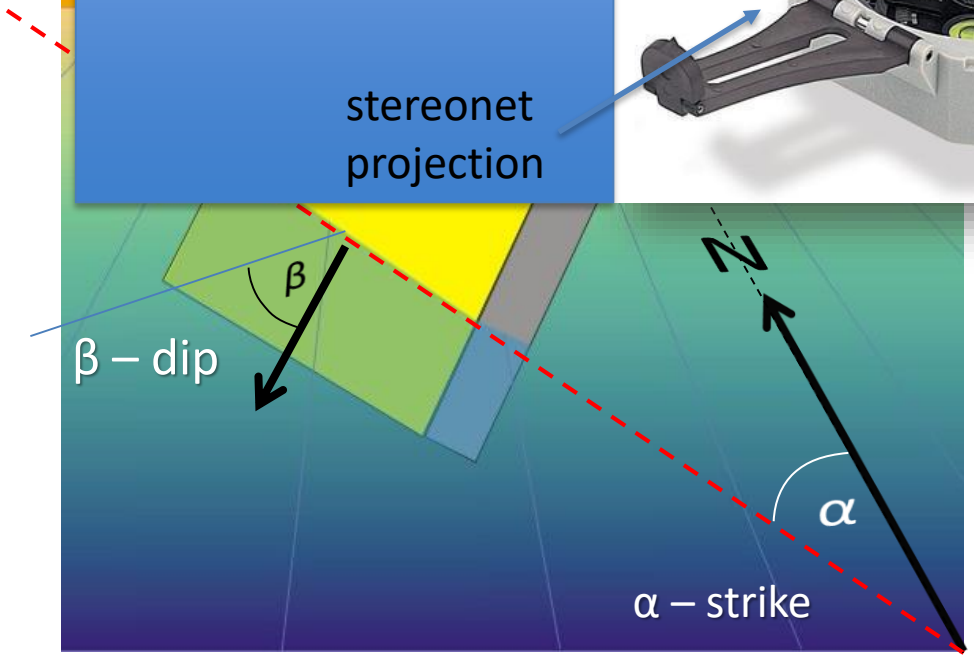
photos (with directions)

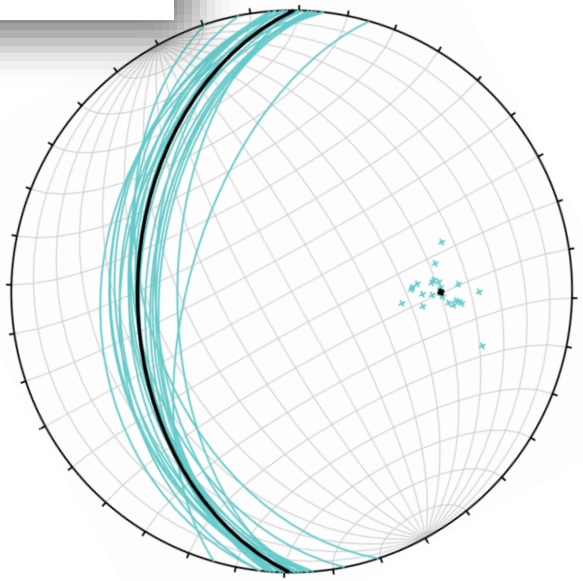
stereonet projection

?



er hemisphere





Fieldmove Clino

Fieldmove Clino

structural measurements

GPS location

!

photos (with directions)

stereonet projection

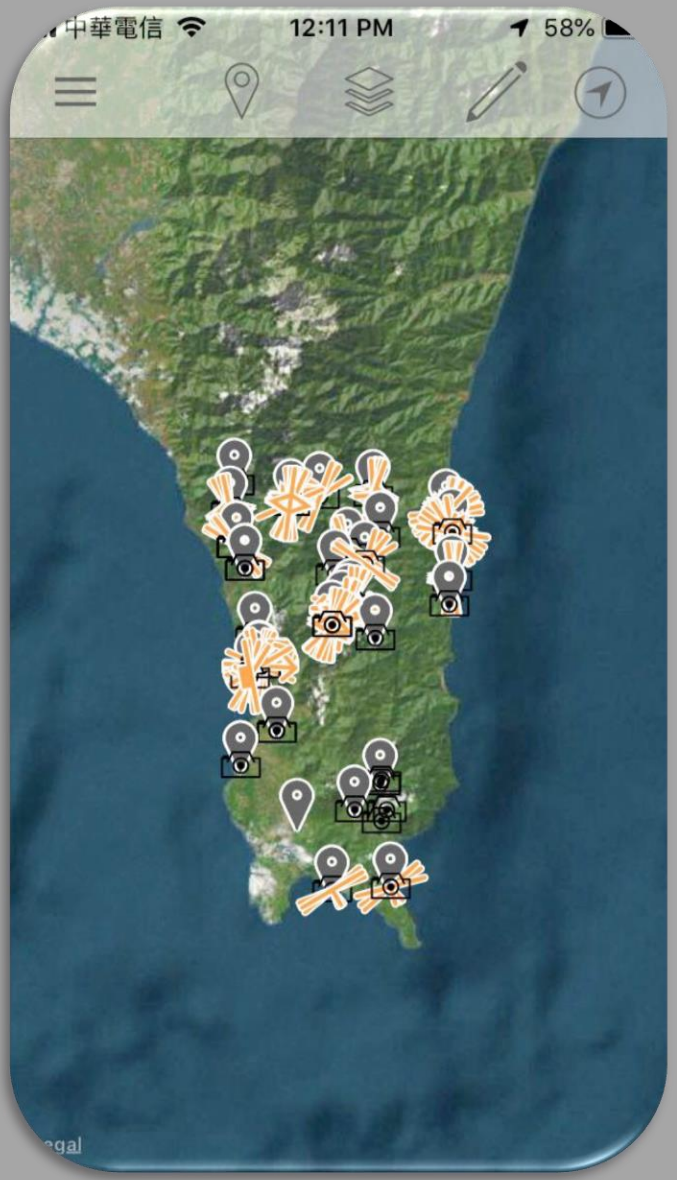
structural measurements

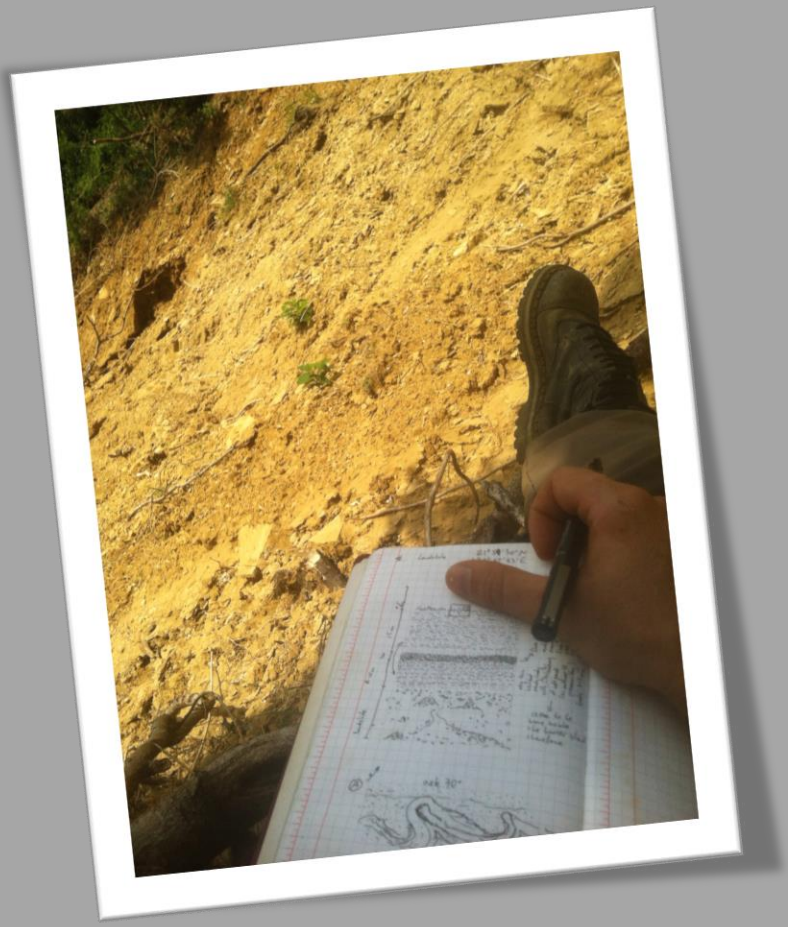
GPS location

photos (with directions)

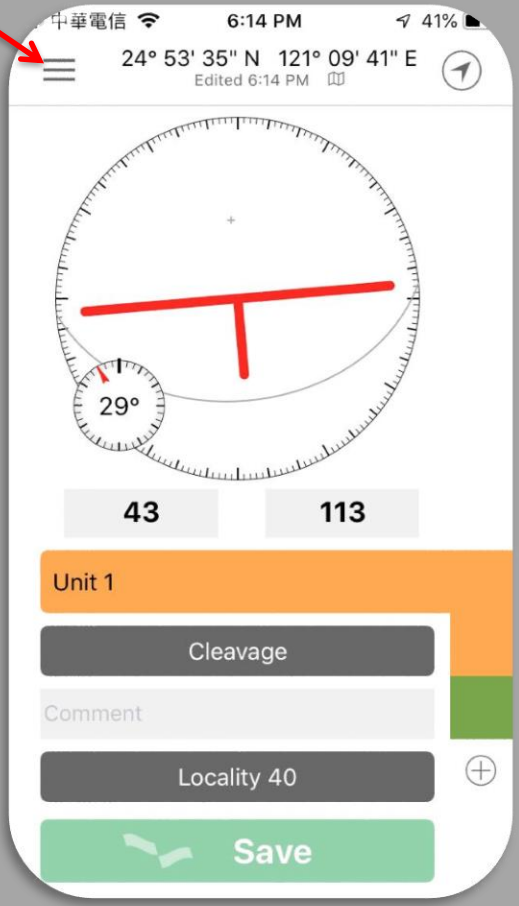
stereonet projection

preliminary interpretation

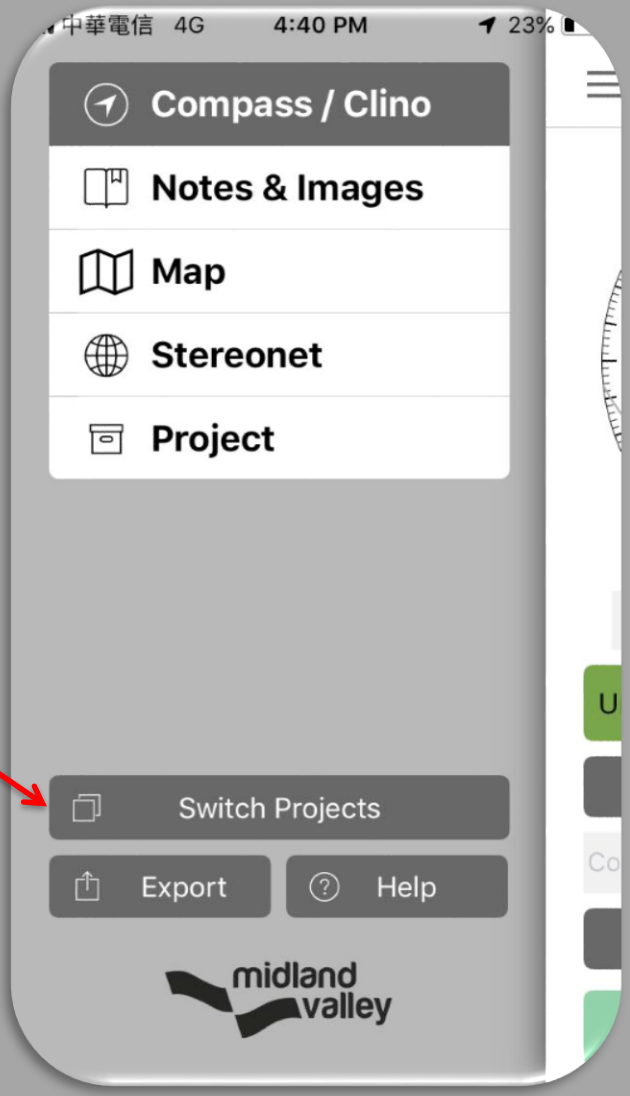


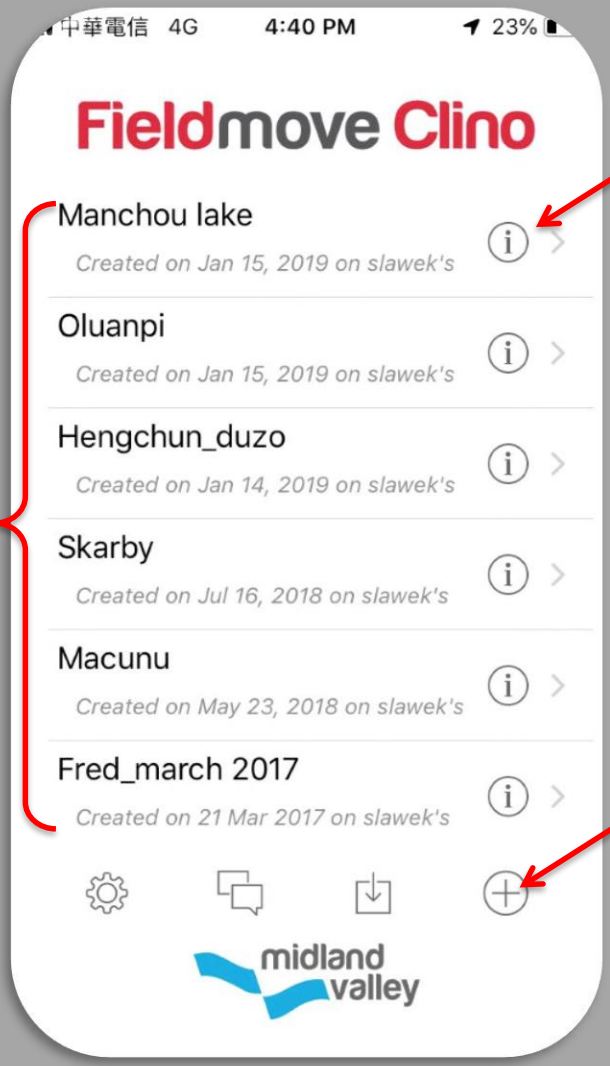


menu


中華電信
6:14 PM
41%
24° 53' 35" N 121° 09' 41" E
Edited 6:14 PM
29°
43
113
Unit 1
Cleavage
Comment
Locality 40
Save

to manage your ‘projects’

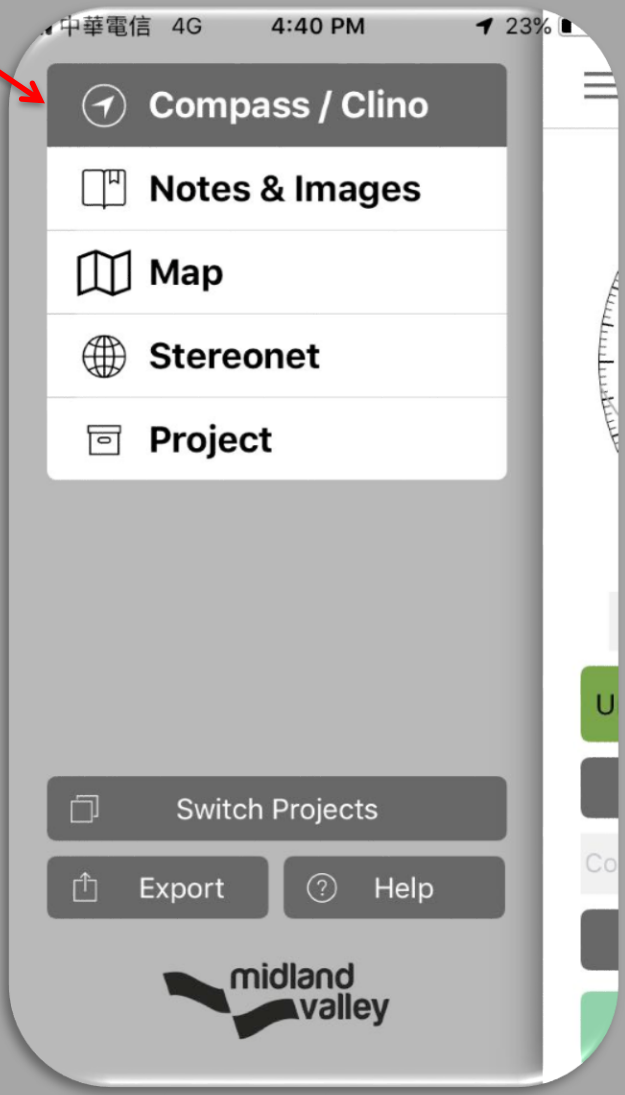




all your projects

project info and exporting

to start new ‘project’


中華電信 4G
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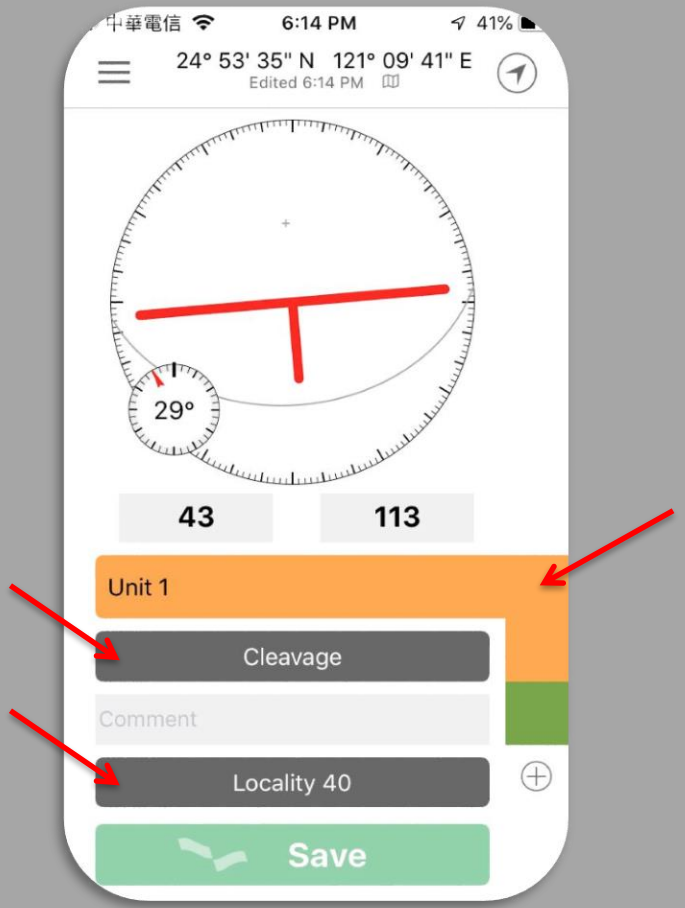
Compass / Clino
Notes & Images
Map
Stereonet
Project
Switch Projects
Export
Help
midland valley


中華電信
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41%
24° 53' 35" N 121° 09' 41" E
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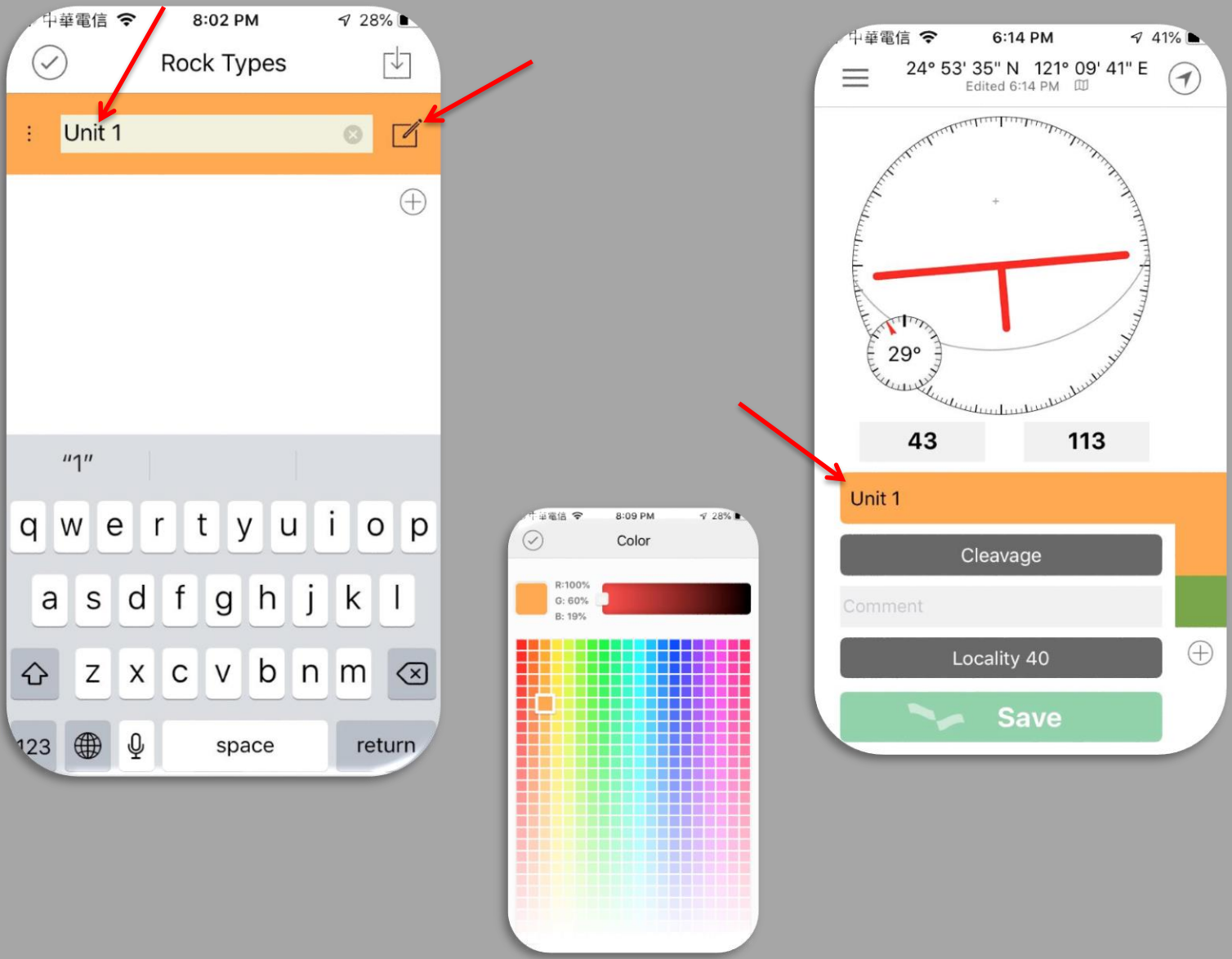
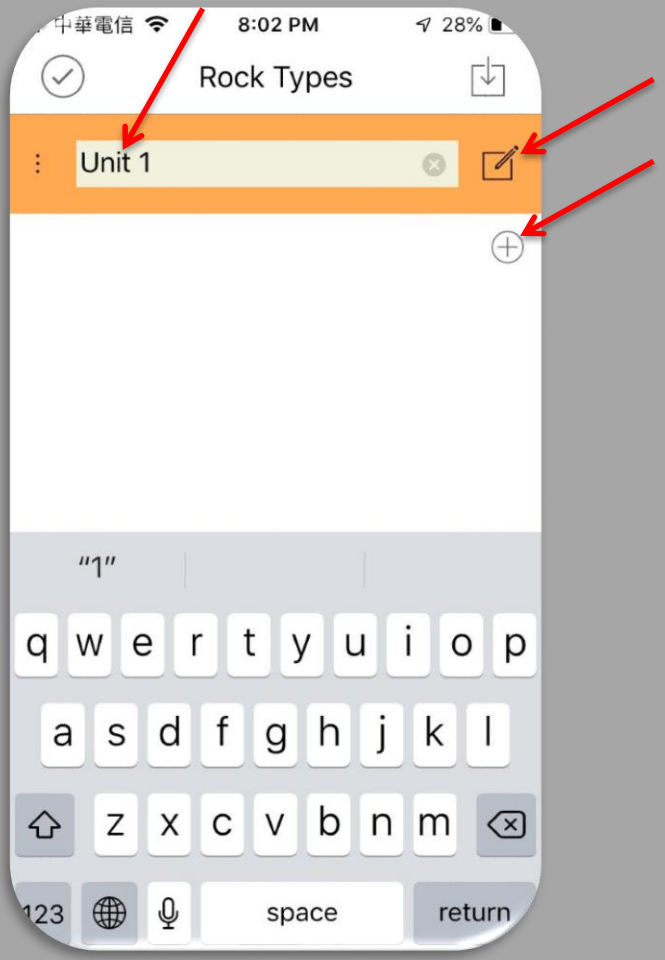
43
113
Unit 1
Cleavage
Comment
Locality 40
Save


中華電信 8:02 PM 28%
Rock Types
Unit 1
"1"
q w e r t y u i o p
a s d f g h j k l
z x c v b n m
123
space
return
中華電信 8:09 PM 28%
Color
R:100%
G: 60%
B: 19%
中華電信 6:14 PM 41%
24° 53' 35" N 121° 09' 41" E
Edited 6:14 PM
29°
43
113
Unit 1
Cleavage
Comment
Locality 40
Save


中華電信
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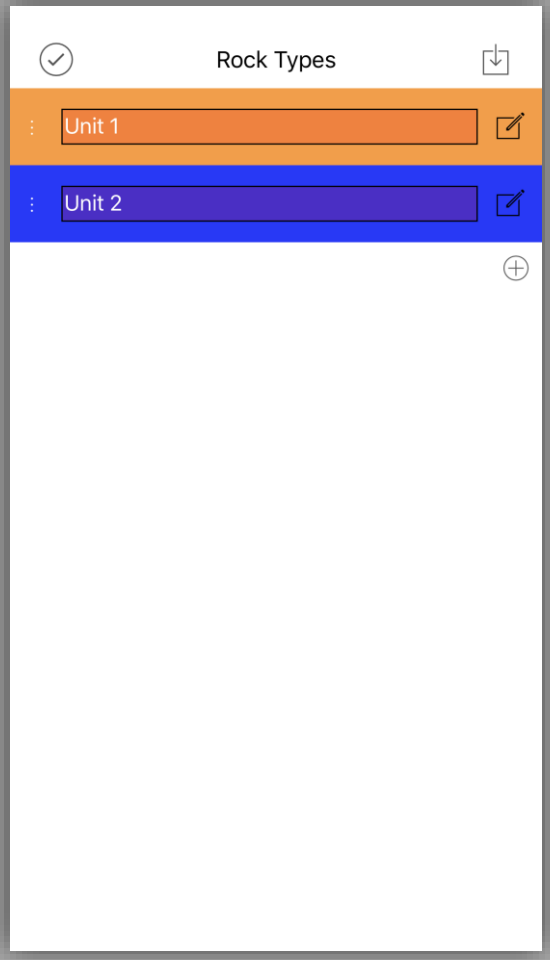
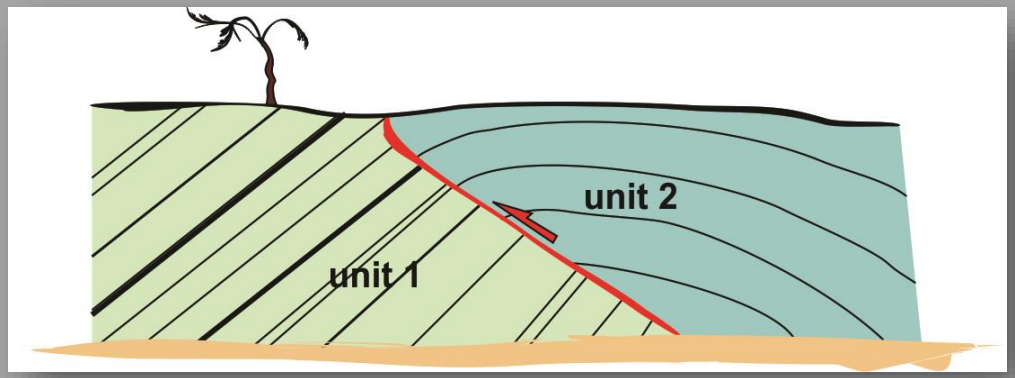
Rock Types
Unit 1
"1"
q w e r t y u i o p
a s d f g h j k l
z x c v b n m
123
space
return

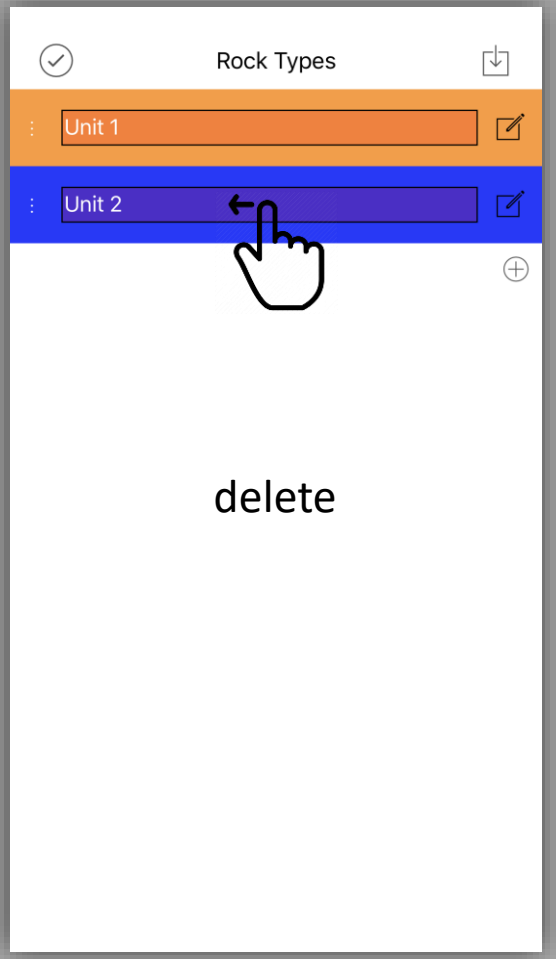

Rock Types
Unit 1
Unit 2

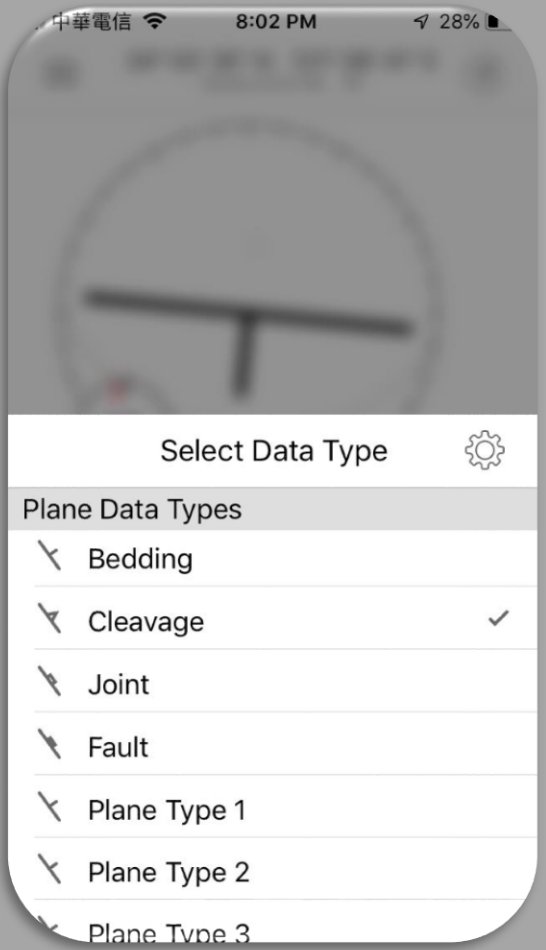


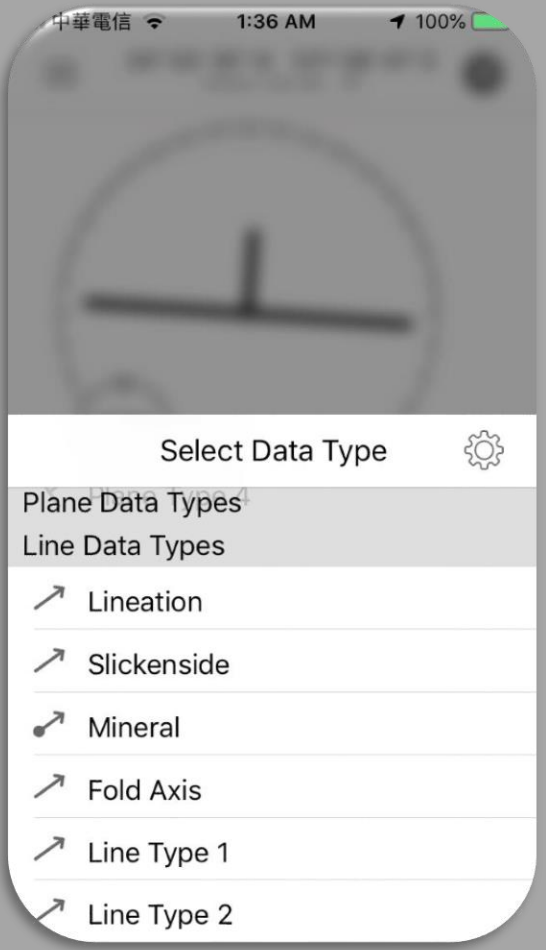
Rock Types

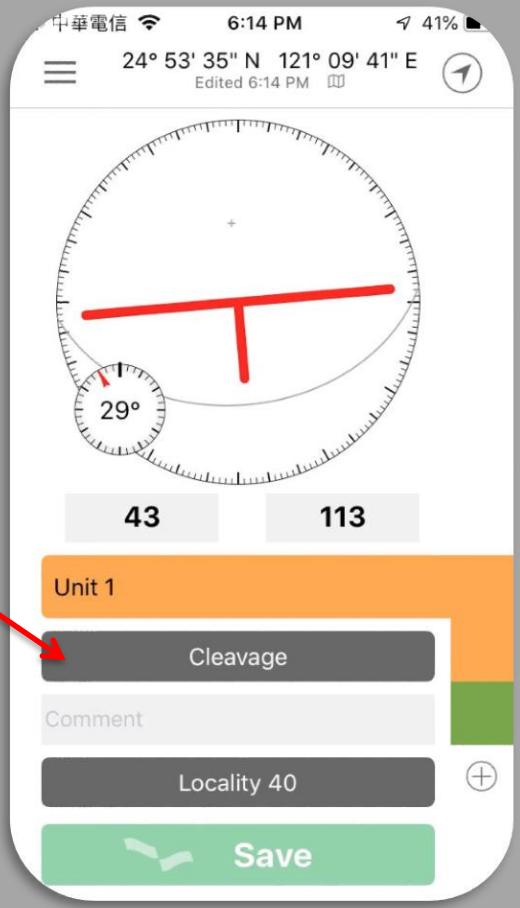
Unit 1

Unit 2


Rock Types
Unit 1
Unit 2
delete


中華電信 8:02 PM 28%
Select Data Type
Plane Data Types
Bedding
Cleavage
Joint
Fault
Plane Type 1
Plane Type 2
Plane Type 3


中華電信 1:36 AM 100%
Select Data Type
Plane Data Types
Line Data Types
Lineation
Slickenside
Mineral
Fold Axis
Line Type 1
Line Type 2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24° 53' 35" N 121° 09' 41" E
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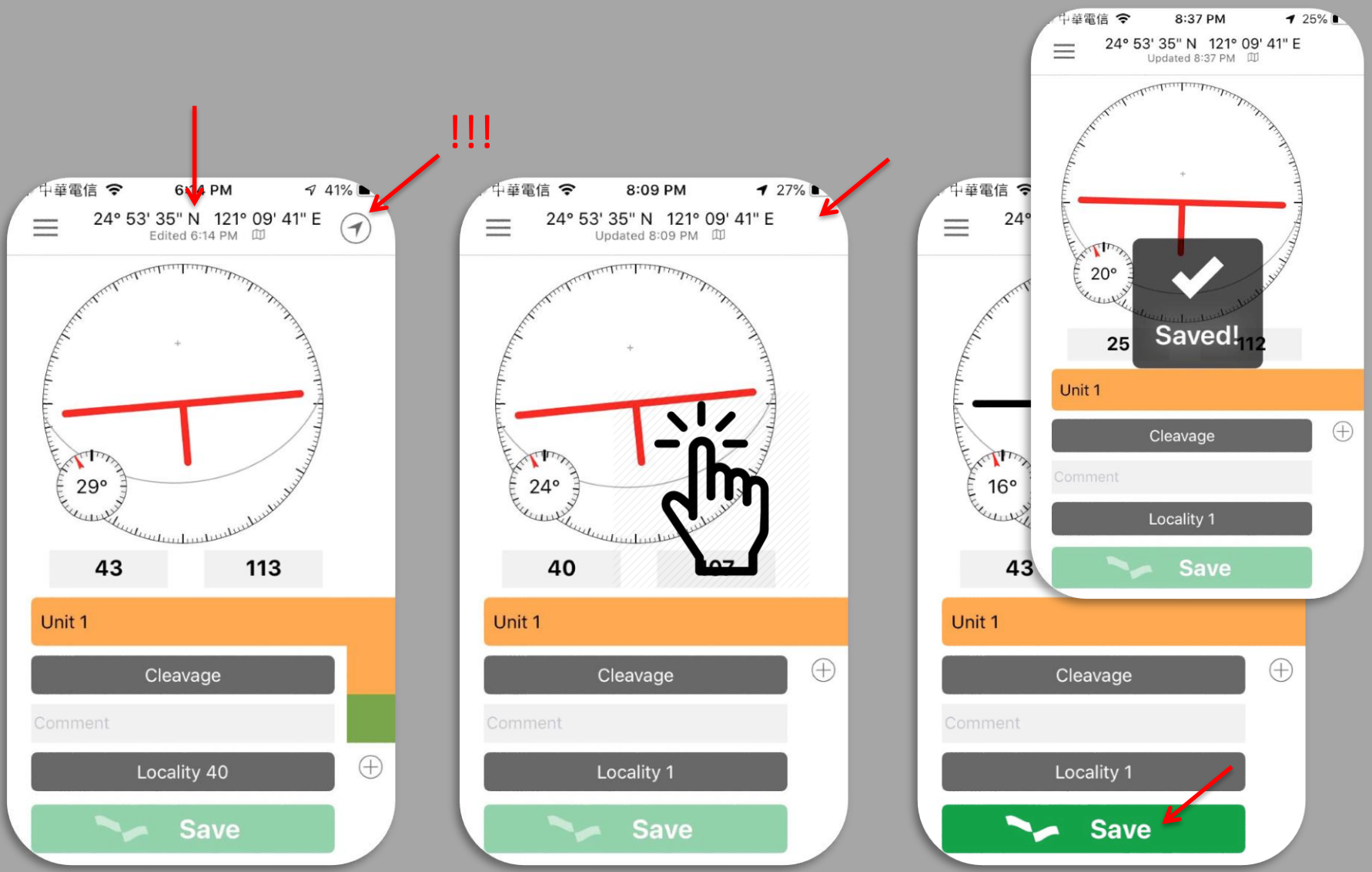
29°
43
113
Unit 1
Cleavage
Comment
Locality 40
Save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24° 53' 35" N 121° 09' 41" E
Edited 6:14 PM
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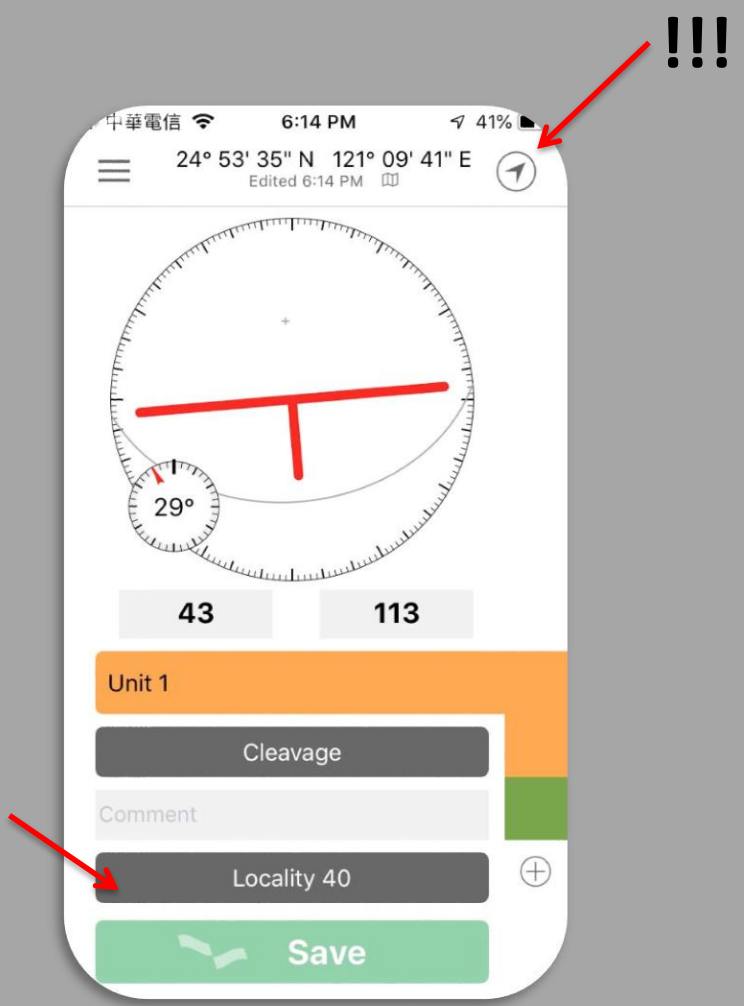
113
Unit 1
Cleavage
Comment
Locality 40
Save
8:09 PM
27%
24° 53' 35" N 121° 09' 41" E
Updated 8:09 PM
24°
40
Unit 1
Cleavage
Comment
Locality 1
Save
8:37 PM
25%
24° 53' 35" N 121° 09' 41" E
Updated 8:37 PM
20°
Saved!
Unit 1
Cleavage
Comment
Locality 1
Save
16°
Unit 1
Cleavage
Comment
Locality 1
Save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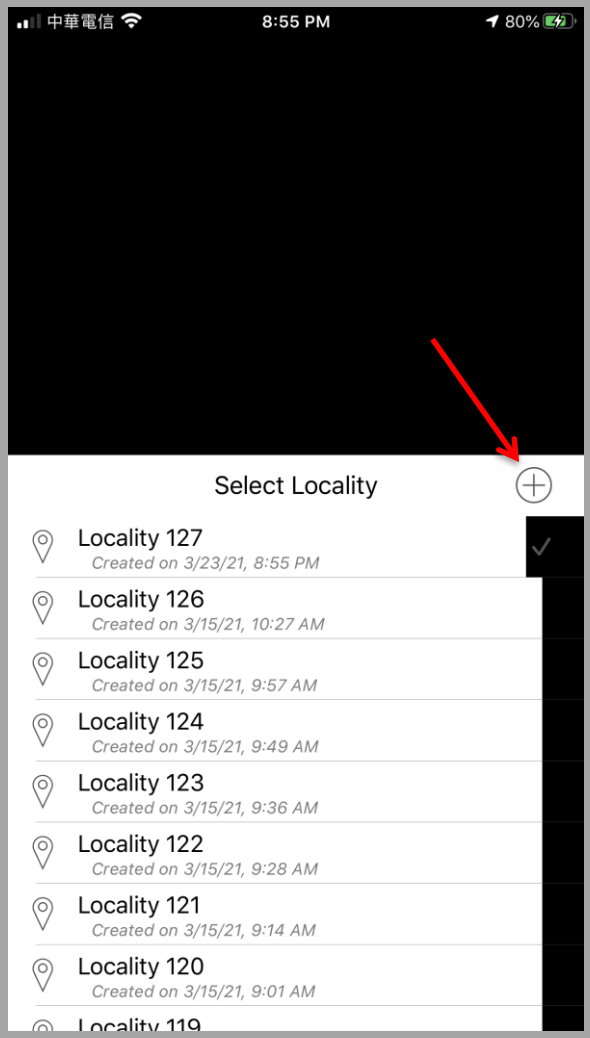
41%
24° 53' 35" N 121° 09' 41" E
Edited 6:14 PM
29°
43
113
Unit 1
Cleavage
Comment
Locality 40
Save


中華電信
8:55 PM
80%
Select Locality
Locality 127
Created on 3/23/21, 8:55 PM
Locality 126
Created on 3/15/21, 10:27 AM
Locality 125
Created on 3/15/21, 9:57 AM
Locality 124
Created on 3/15/21, 9:49 AM
Locality 123
Created on 3/15/21, 9:36 AM
Locality 122
Created on 3/15/21, 9:28 AM
Locality 121
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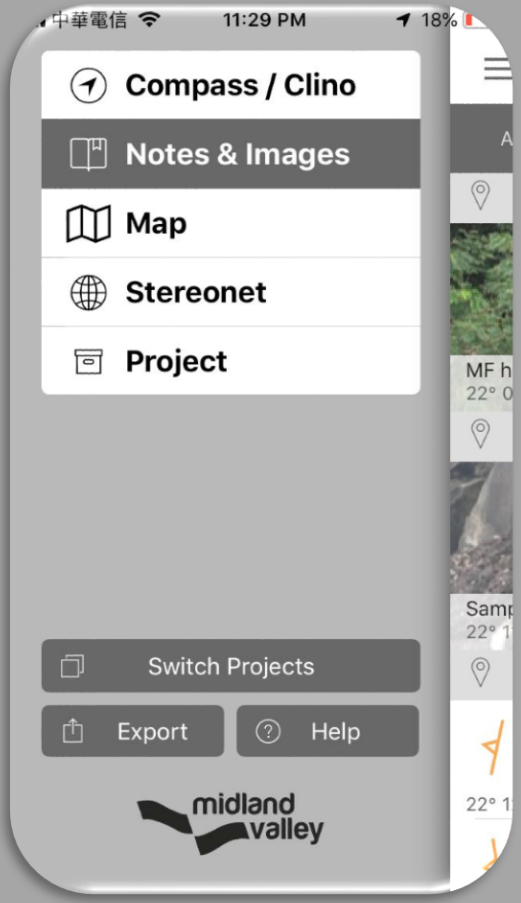
Locality 120
Created on 3/15/21, 9:01 AM
Locality 119


中華電信
11:29 PM
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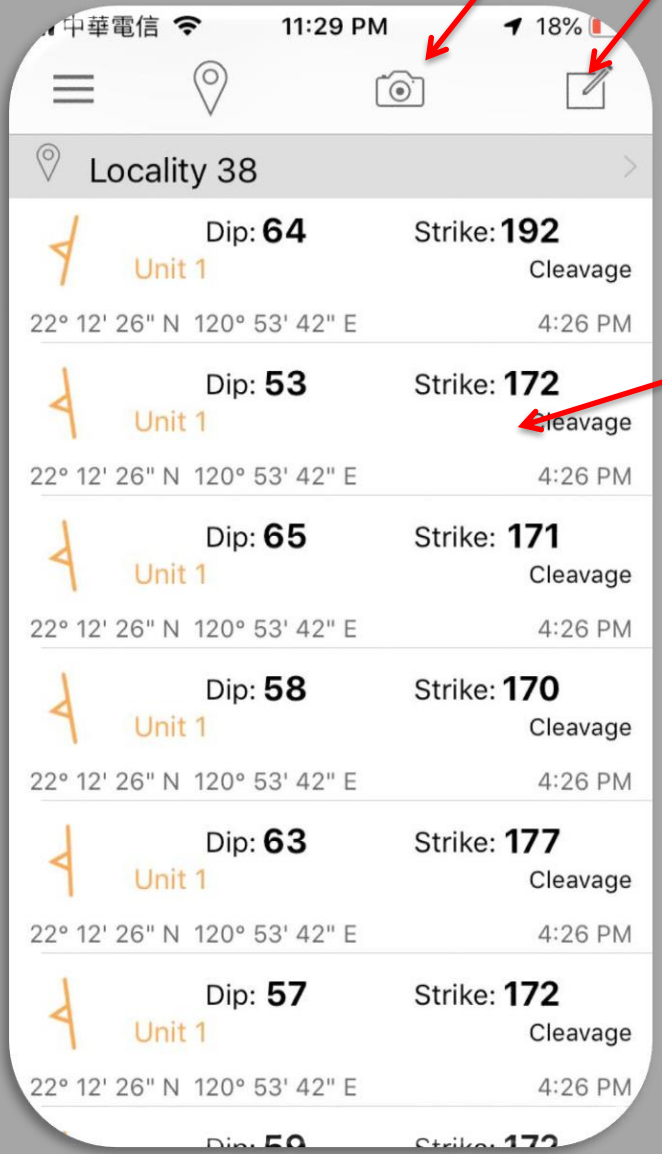
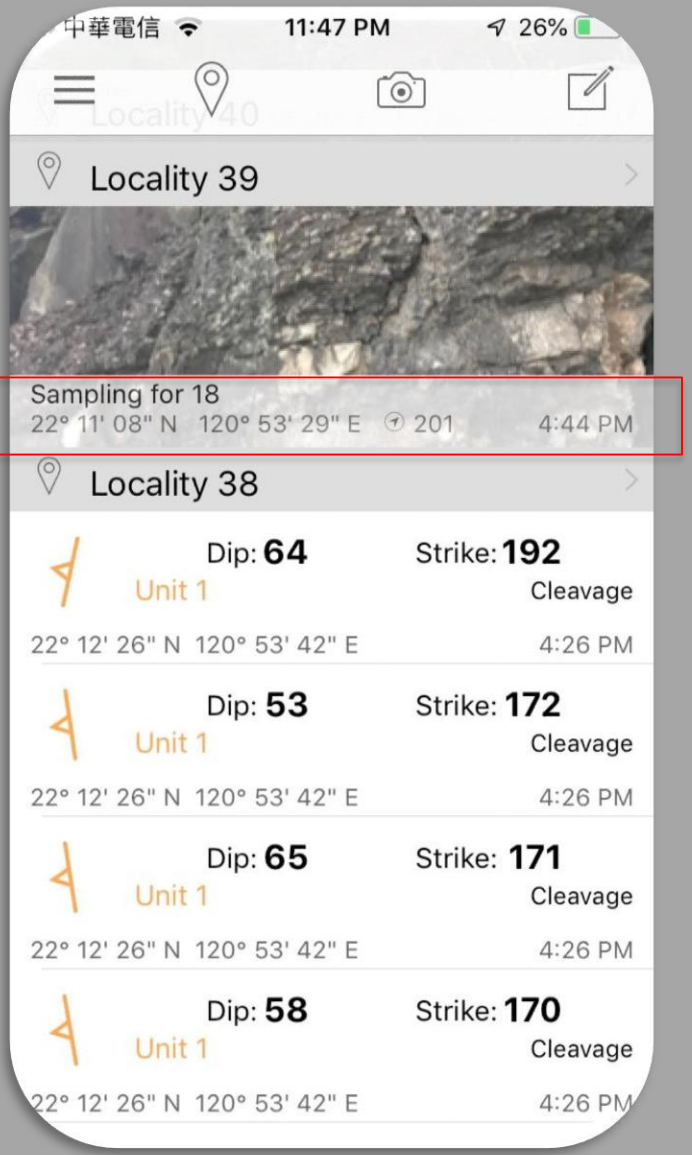
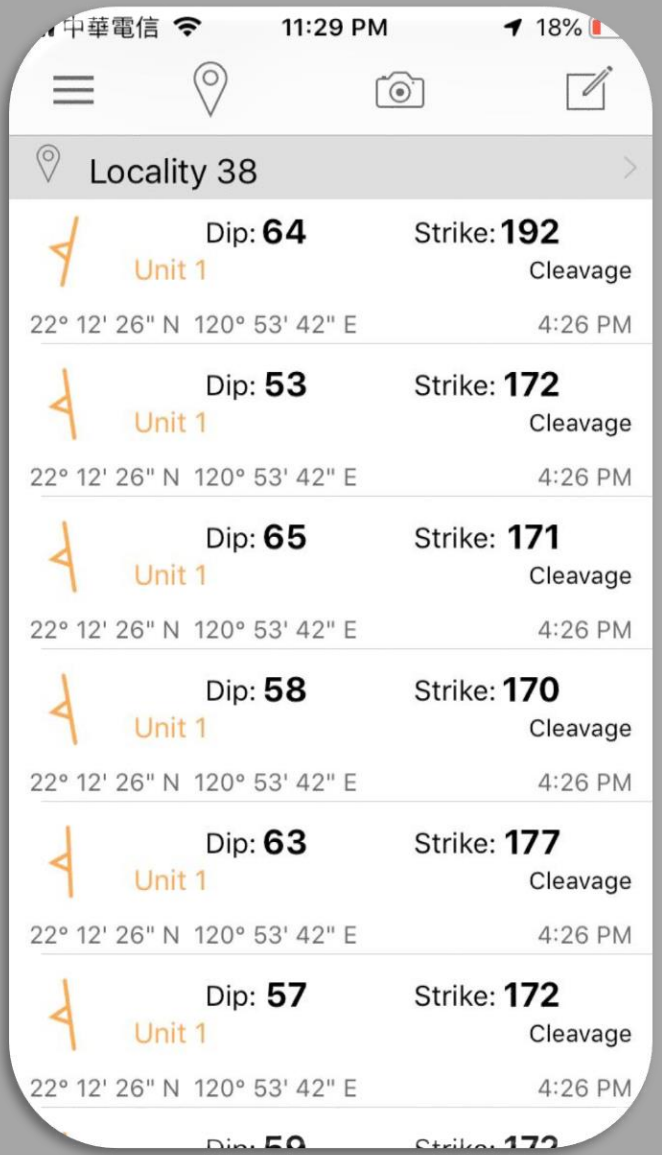
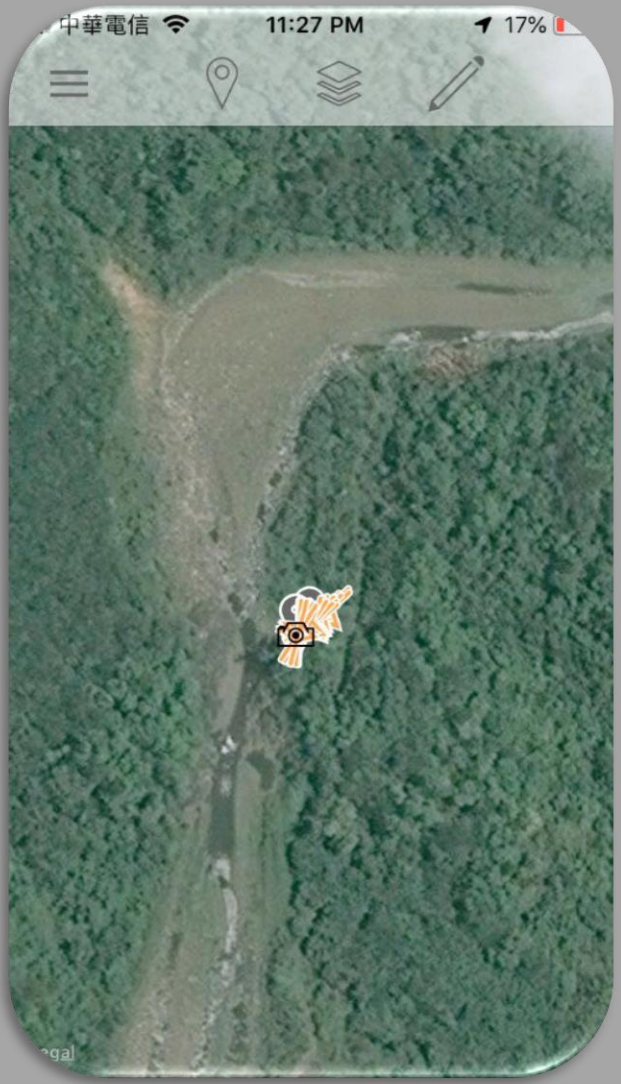
Compass / Clino
Notes & Images
Map
Stereonet
Project
Switch Projects
Export
Help
midland valley


中華電信
11:29 PM
18%
Locality 38
Dip: 64
Strike: 192
Unit 1
Cleavage
22° 12' 26" N 120° 53' 42" E
4:26 PM
Dip: 53
Strike: 172
Unit 1
22° 12' 26" N 120° 53' 42" E
4:26 PM
Dip: 65
Strike: 171
Unit 1
Cleavage
22° 12' 26" N 120° 53' 42" E
4:26 PM
Dip: 58
Strike: 170
Unit 1
Cleavage
22° 12' 26" N 120° 53' 42" E
4:26 PM
Dip: 63
Strike: 177
Unit 1
Cleavage
22° 12' 26" N 120° 53' 42" E
4:26 PM
Dip: 57
Strike: 172
Unit 1
Cleavage
22° 12' 26" N 120° 53' 42" E
4:26 PM


中華電信
11:47 PM
26%
Locality 39
Sampling for 18
22° 11' 08" N 120° 53' 29" E 201 4:44 PM
Locality 38
Dip: 64
Strike: 192
Unit 1
Cleavage
22° 12' 26" N 120° 53' 42" E
4:26 PM
Dip: 53
Strike: 172
Unit 1
Cleavage
22° 12' 26" N 120° 53' 42" E
4:26 PM
Dip: 65
Strike: 171
Unit 1
Cleavage
22° 12' 26" N 120° 53' 42" E
4:26 PM
Dip: 58
Strike: 170
Unit 1
Cleavage
22° 12' 26" N 120° 53' 42" E
4:26 PM


中華電信
11:29 PM
18%
Locality 38
Dip: 64
Strike: 192
Unit 1
Cleavage
22° 12' 26" N 120° 53' 42" E
4:26 PM
Dip: 53
Strike: 172
Unit 1
Cleavage
22° 12' 26" N 120° 53' 42" E
4:26 PM
Dip: 65
Strike: 171
Unit 1
Cleavage
22° 12' 26" N 120° 53' 42" E
4:26 PM
Dip: 58
Strike: 170
Unit 1
Cleavage
22° 12' 26" N 120° 53' 42" E
4:26 PM
Dip: 63
Strike: 177
Unit 1
Cleavage
22° 12' 26" N 120° 53' 42" E
4:26 PM
Dip: 57
Strike: 172
Unit 1
Cleavage
22° 12' 26" N 120° 53' 42" E
4:26 PM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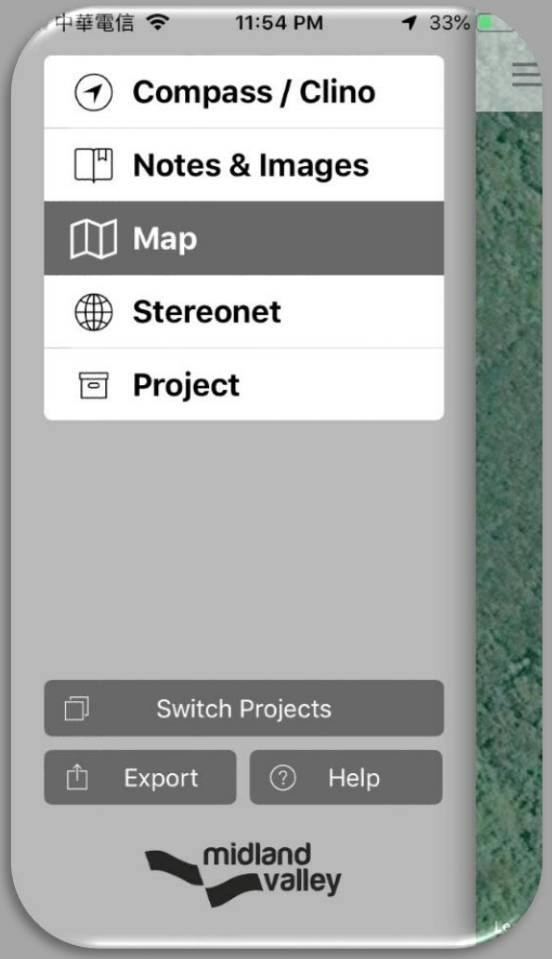
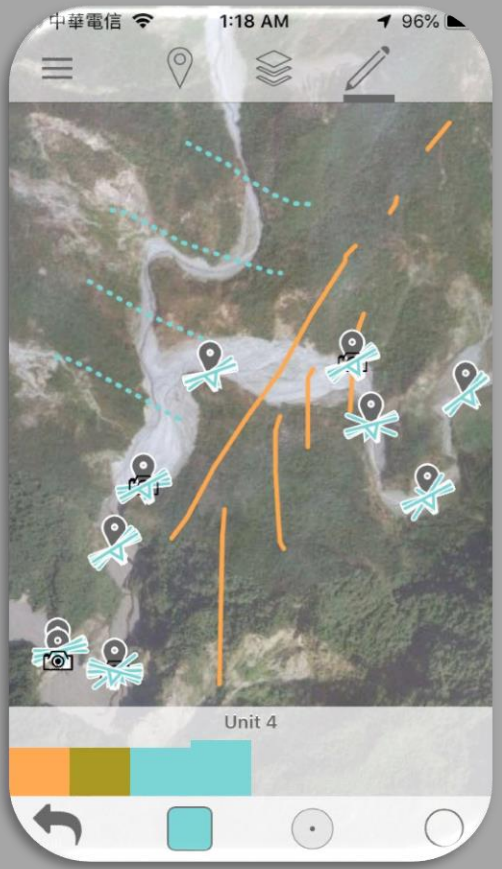

中華電信
11:54 PM
33%
Compass / Clino
Notes & Images
Map
Stereonet
Project
Switch Projects
Export
Help
midland valley

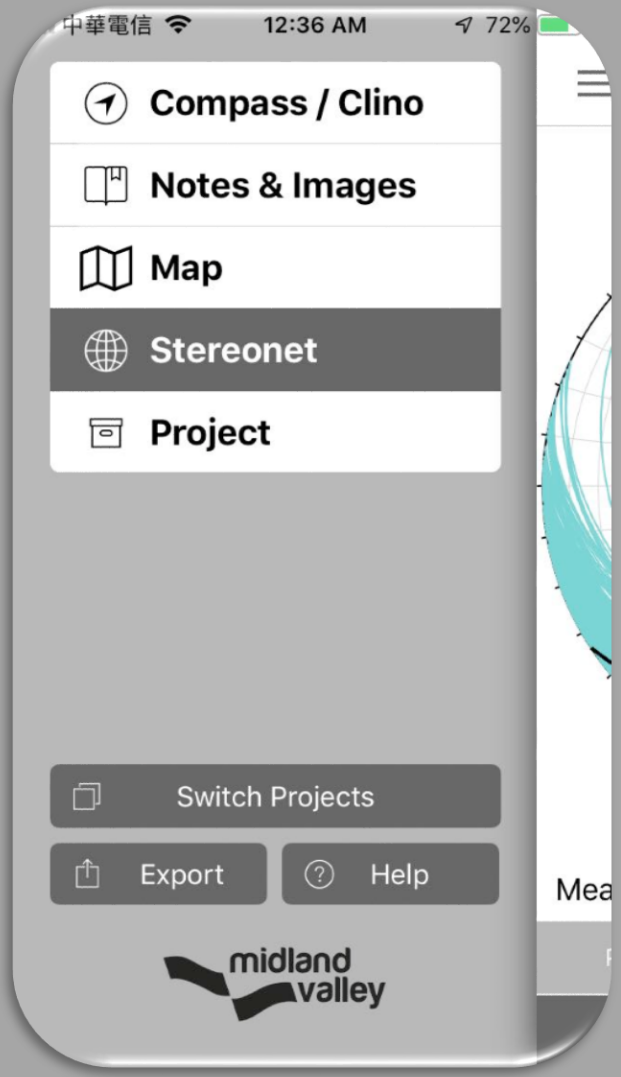
中華電信 4G
4:54 PM
18%

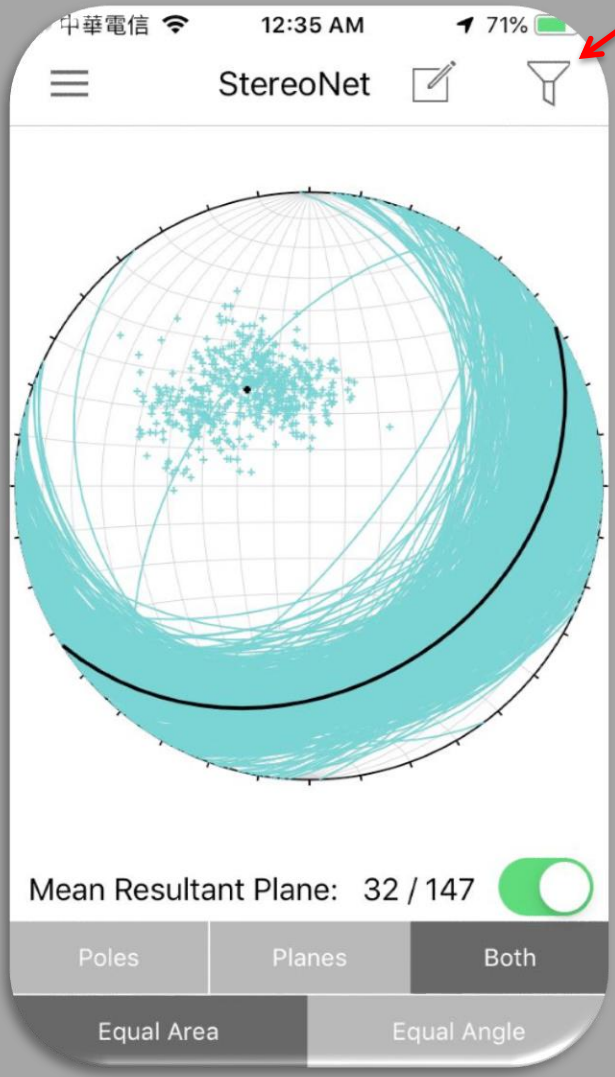
中華電信
1:17 AM

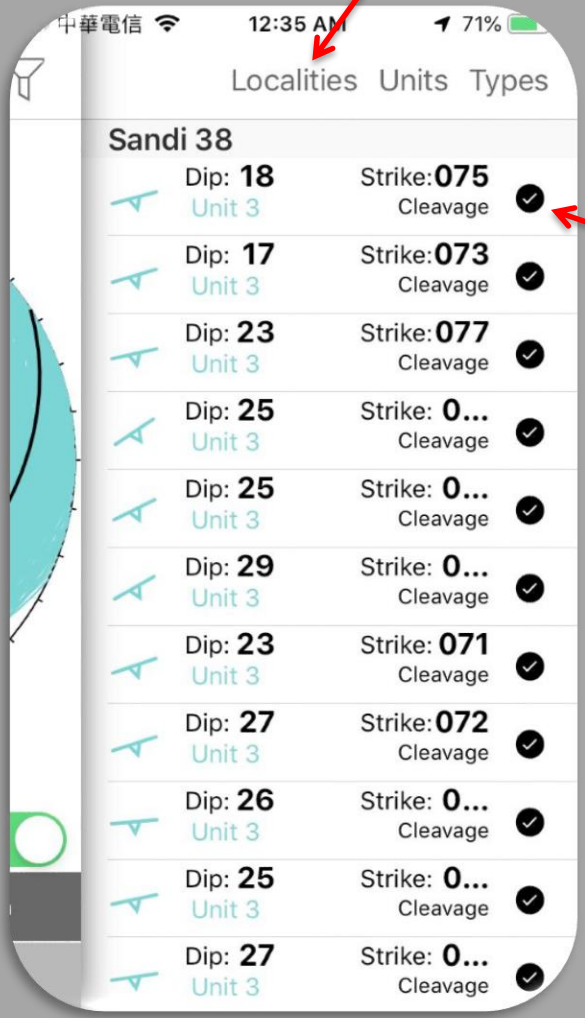
中華電信
1:17 AM
96%
Solid
Dotted
Dashed


中華電信
1:18 AM
96%
Unit 4

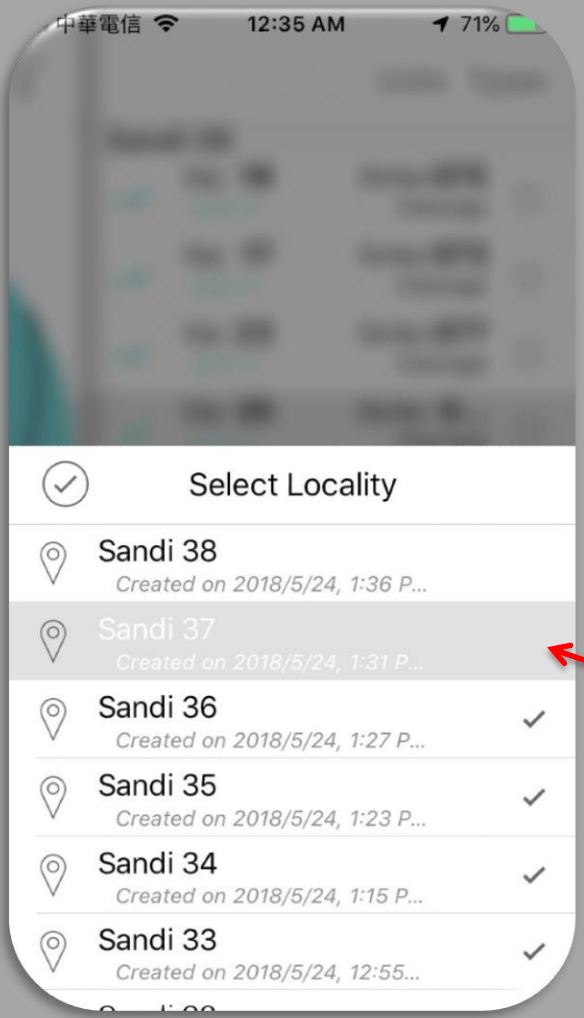
Stereographic projection



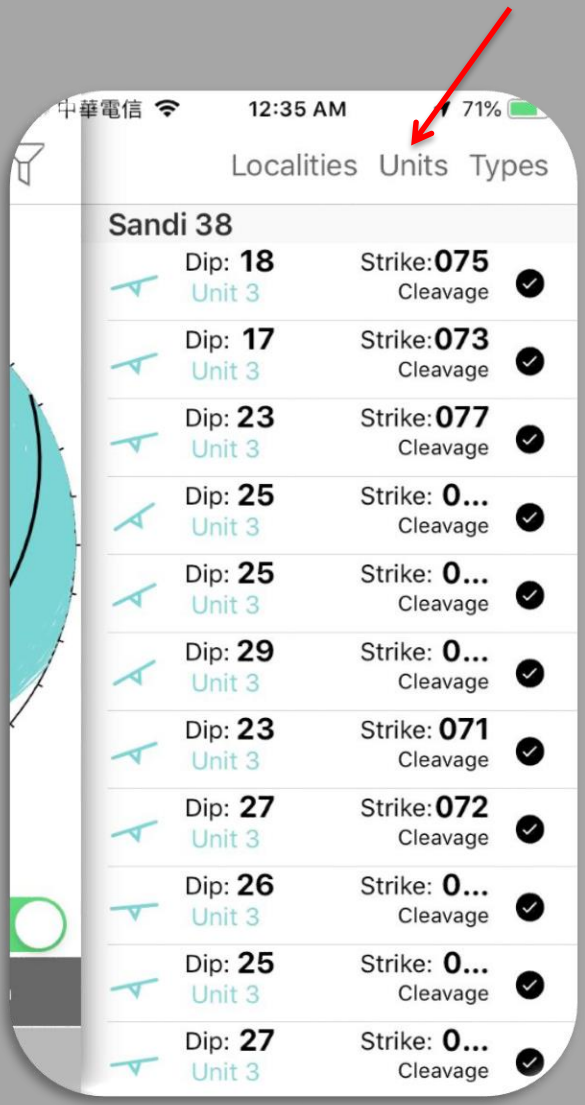


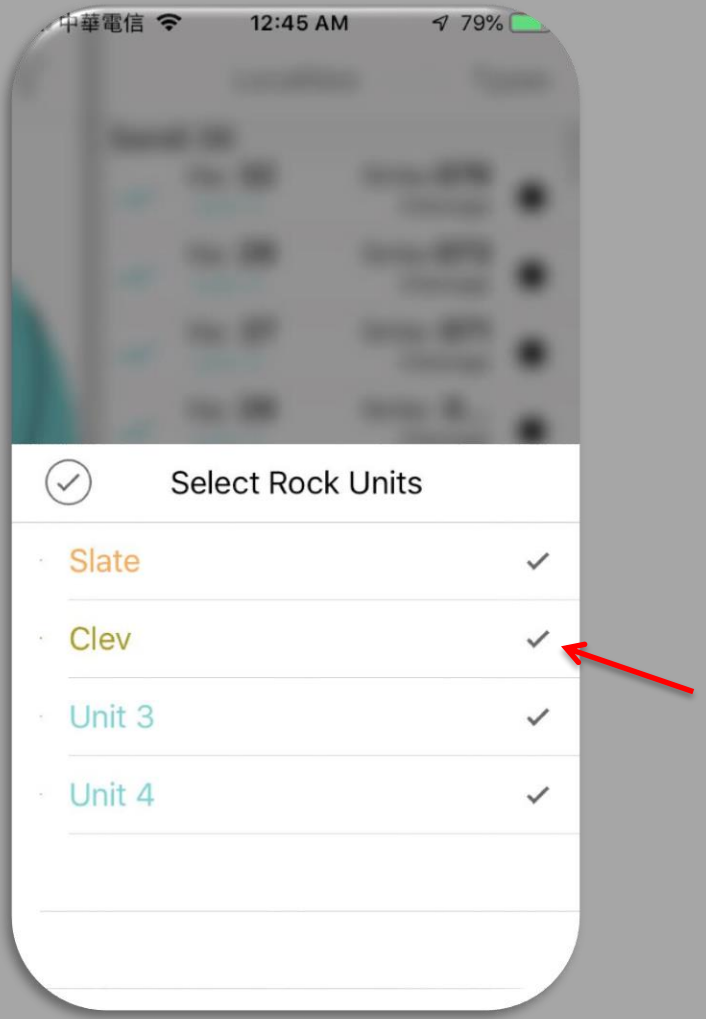


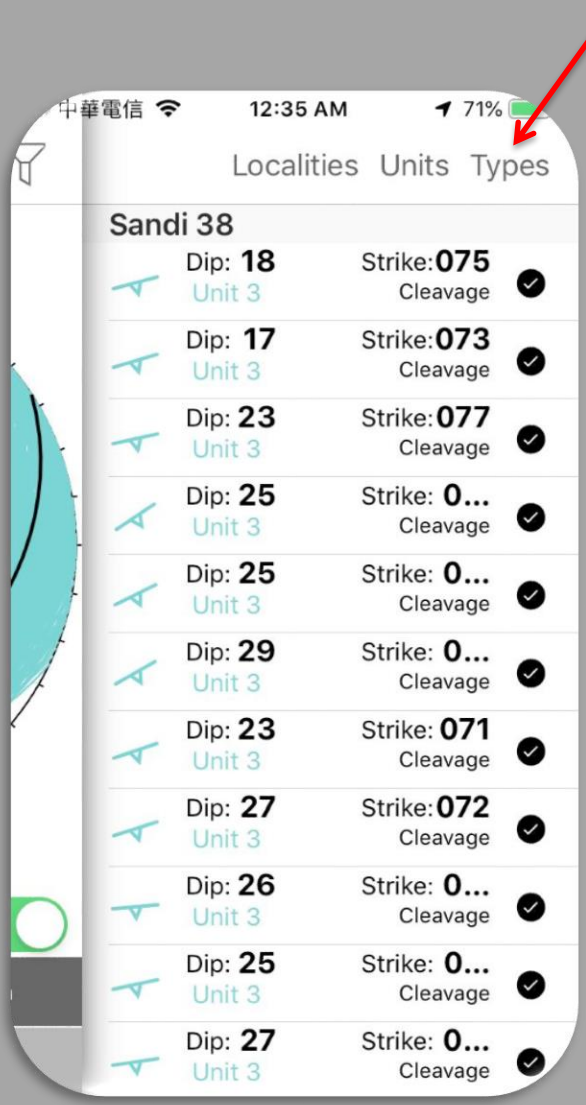
deselect

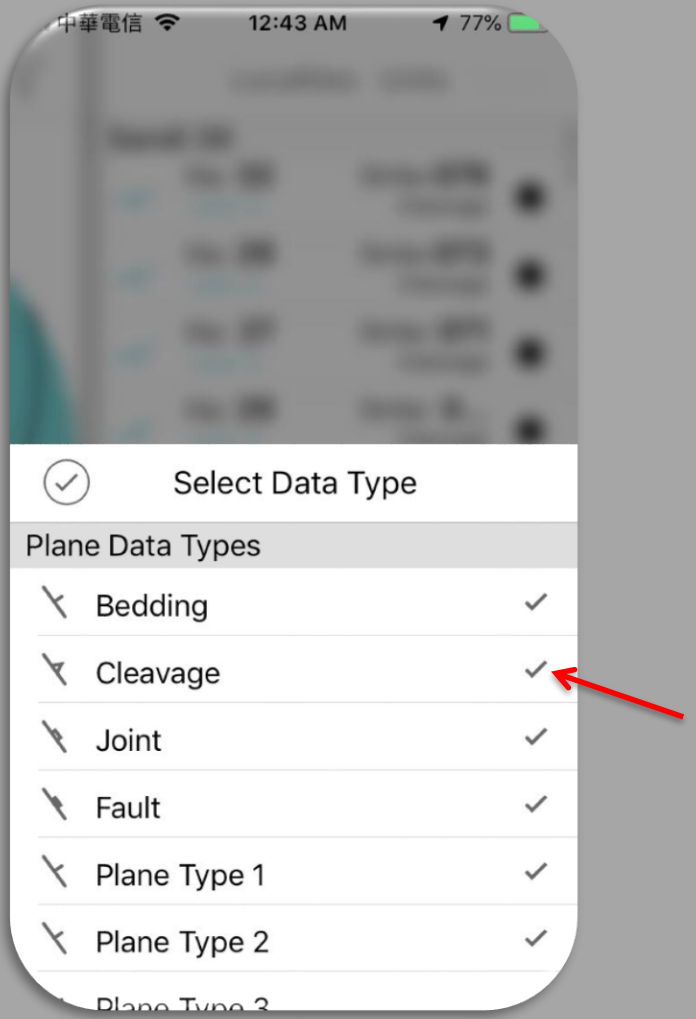


deselect

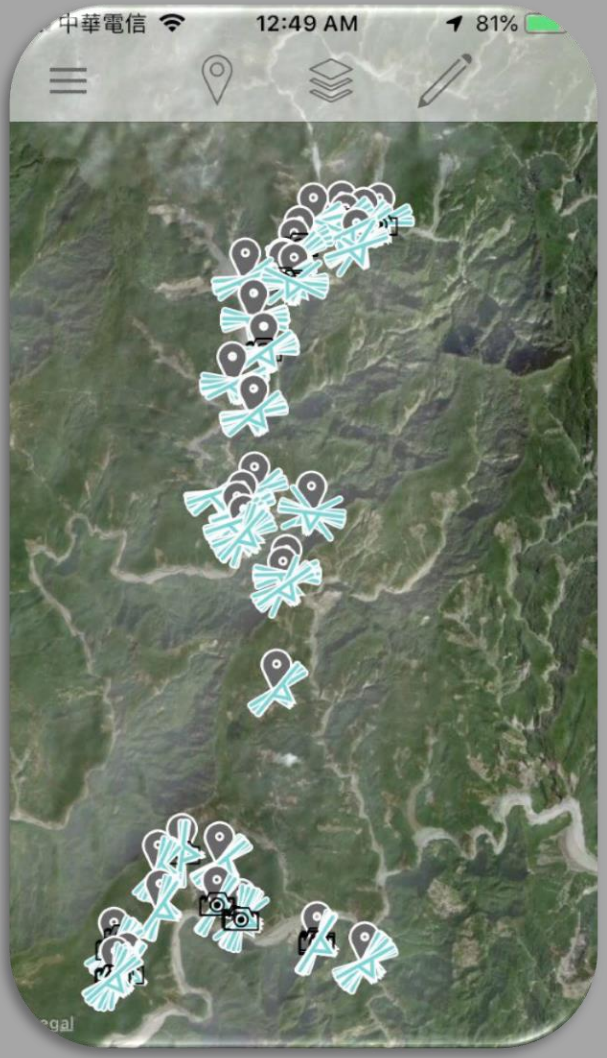

中華電信
12:35 AM
71%
Localities
Units
Types
Sandi 38
Dip: 18
Unit 3
Strike:075
Cleavage
Dip: 17
Unit 3
Strike:073
Cleavage
Dip: 23
Unit 3
Strike:077
Cleavage
Dip: 25
Unit 3
Strike: 0...
Cleavage
Dip: 25
Unit 3
Strike: 0...
Cleavage
Dip: 29
Unit 3
Strike: 0...
Cleavage
Dip: 23
Unit 3
Strike: 071
Cleavage
Dip: 27
Unit 3
Strike:072
Cleavage
Dip: 26
Unit 3
Strike: 0...
Cleavage
Dip: 25
Unit 3
Strike: 0...
Cleavage
Dip: 27
Unit 3
Strike: 0...
Cleavage

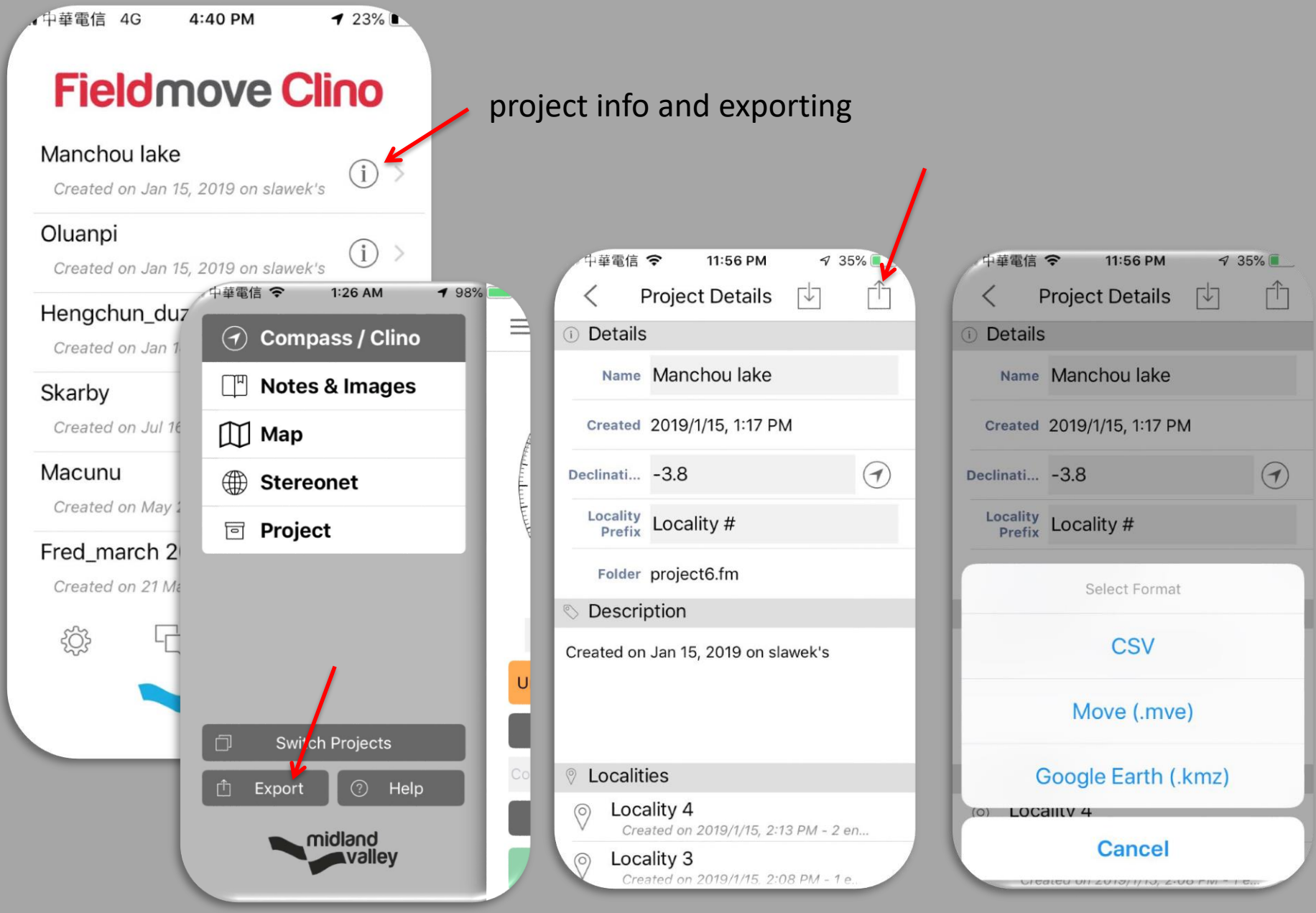

中華電信
12:45 AM
79%
Select Rock Units
Slate
Clev
Unit 3
Unit 4

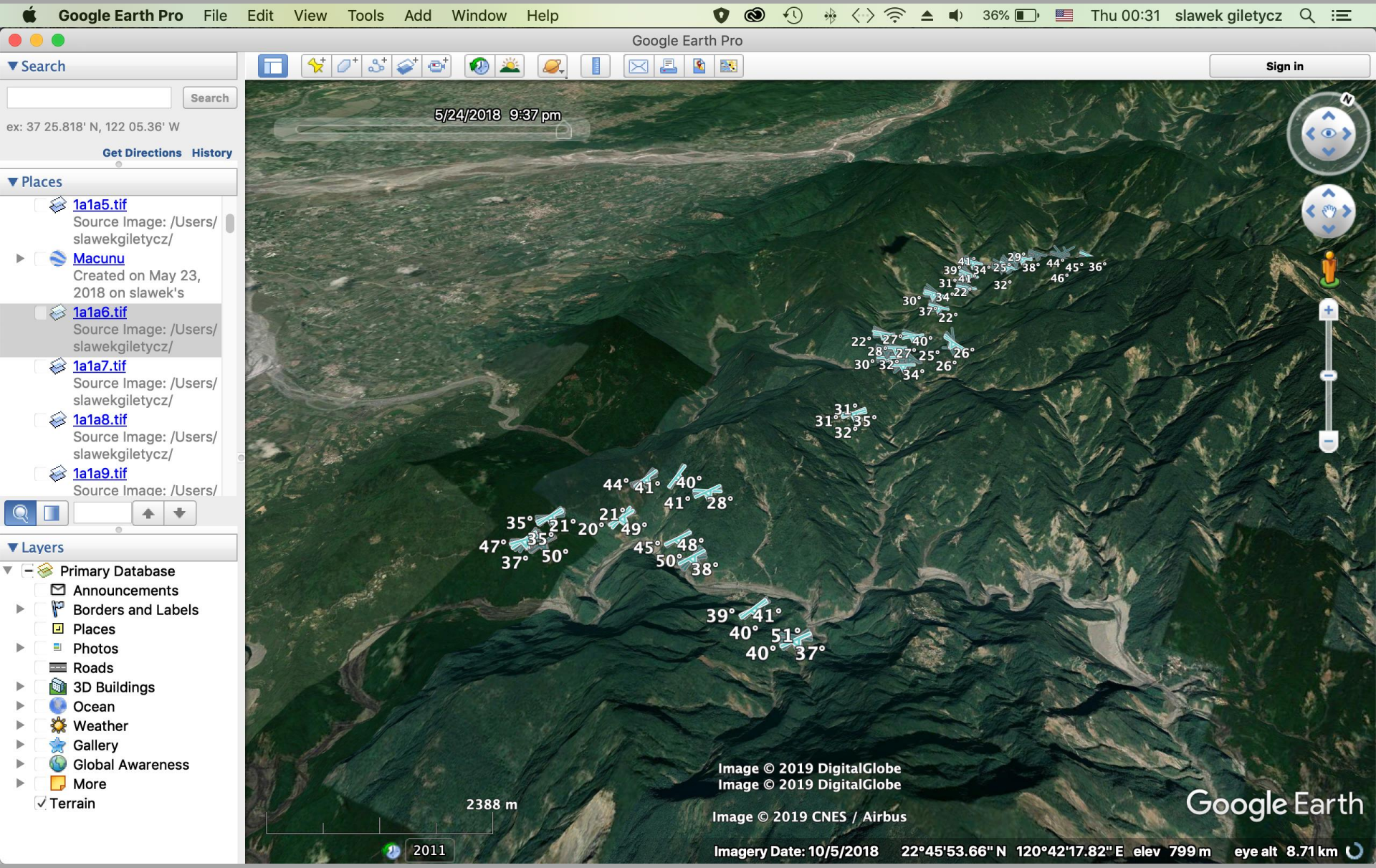

中華電信
12:35 AM
71%
Localities
Units
Types
Sandi 38
Dip: 18
Unit 3
Strike:075
Cleavage
Dip: 17
Unit 3
Strike:073
Cleavage
Dip: 23
Unit 3
Strike:077
Cleavage
Dip: 25
Unit 3
Strike: 0...
Cleavage
Dip: 25
Unit 3
Strike: 0...
Cleavage
Dip: 29
Unit 3
Strike: 0...
Cleavage
Dip: 23
Unit 3
Strike: 071
Cleavage
Dip: 27
Unit 3
Strike:072
Cleavage
Dip: 26
Unit 3
Strike: 0...
Cleavage
Dip: 25
Unit 3
Strike: 0...
Cleavage
Dip: 27
Unit 3
Strike: 0...
Cleavage


中華電信
12:43 AM
77%
Select Data Type
Plane Data Types
Bedding
Cleavage
Joint
Fault
Plane Type 1
Plane Type 2

Two days work:

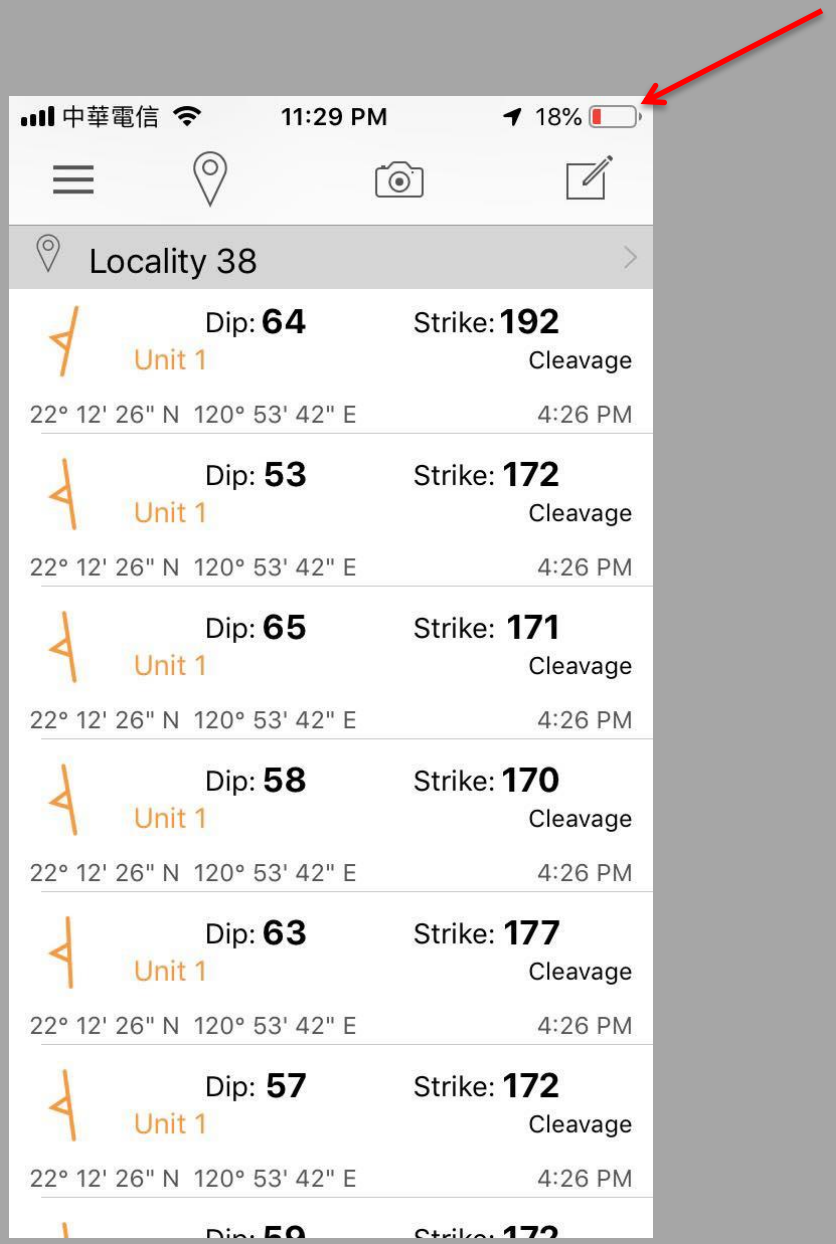



project info and exporting
Fieldmove Clino
Manchou lake
Created on Jan 15, 2019 on slawek's
Oluanpi
Created on Jan 15, 2019 on slawek's
Hengchun_duz
Skarby
Macunu
Fred_march 2
Compass / Clino
Notes & Images
Map
Stereonet
Project
Switch Projects
Export
Help
midland valley
Project Details
Details
Name Manchou lake
Created 2019/1/15, 1:17 PM
Declinati... -3.8
Locality Prefix Locality #
Folder project6.fm
Description
Created on Jan 15, 2019 on slawek's
Localities
Locality 4
Locality 3
Select Format
CSV
Move (.mve)
Google Earth (.kmz)
Cancel


Google Earth Pro
Search
Search
ex: 37 25.818' N, 122 05.36' W
Get Directions
History
Places
1a1a5.tif
Source Image: /Users/slawekgiletycz/
Macunu
Created on May 23, 2018 on slawek's
1a1a6.tif
Source Image: /Users/slawekgiletycz/
1a1a7.tif
Source Image: /Users/slawekgiletycz/
1a1a8.tif
Source Image: /Users/slawekgiletycz/
1a1a9.tif
Layers
Primary Database
Announcements
Borders and Labels
Places
Photos
Roads
3D Buildings
Ocean
Weather
Gallery
Global Awareness
More
Terrain
Sign in
5/24/2018 9:37 pm
Image © 2019 DigitalGlobe
Image © 2019 DigitalGlobe
Image © 2019 CNES / Airbus
Google Earth
2388 m
2011
Imagery Date: 10/5/2018 22°45'53.66" N 120°42'17.82" E elev 799 m eye alt 8.71 km

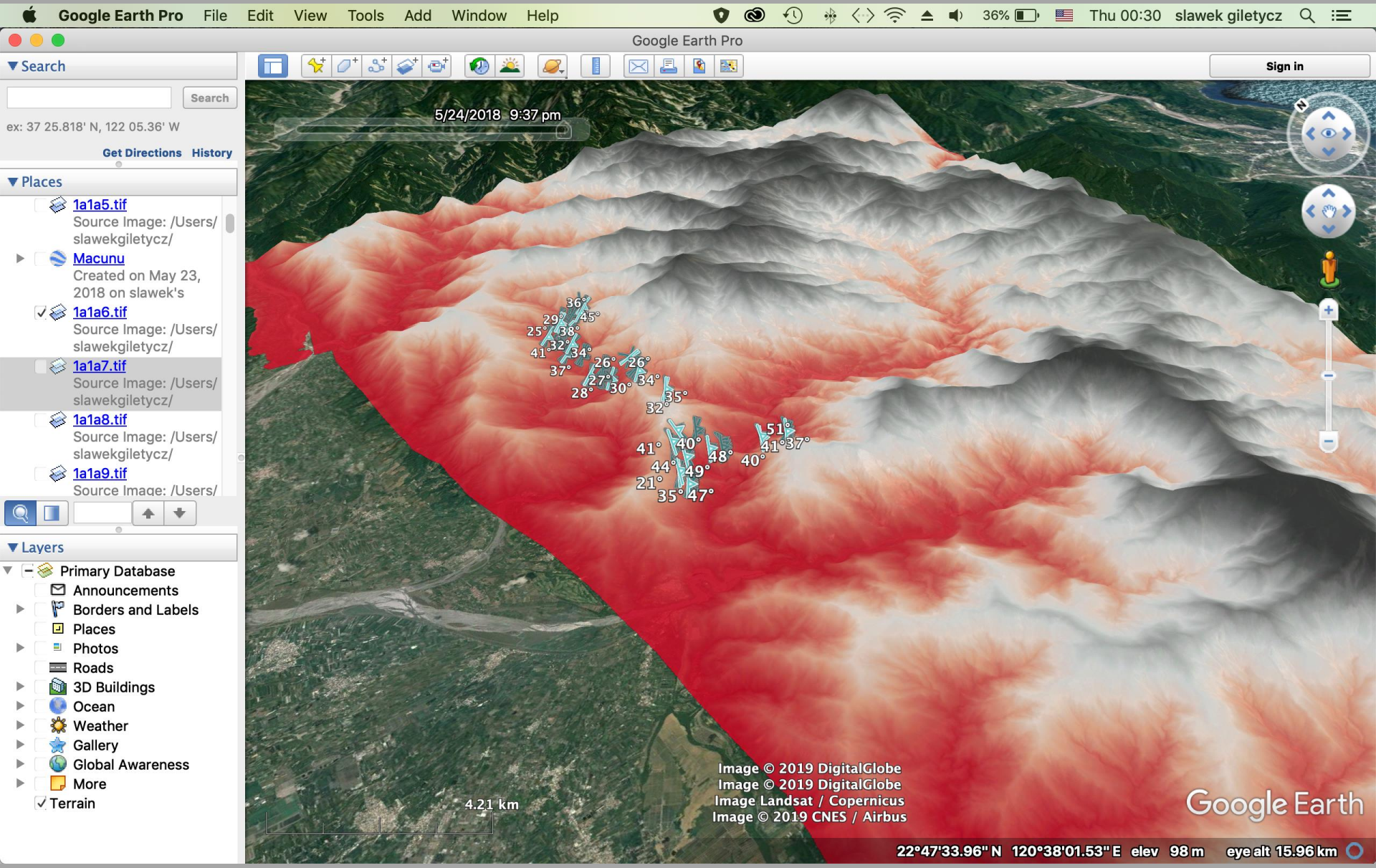
You still have to be able to use geological compass!

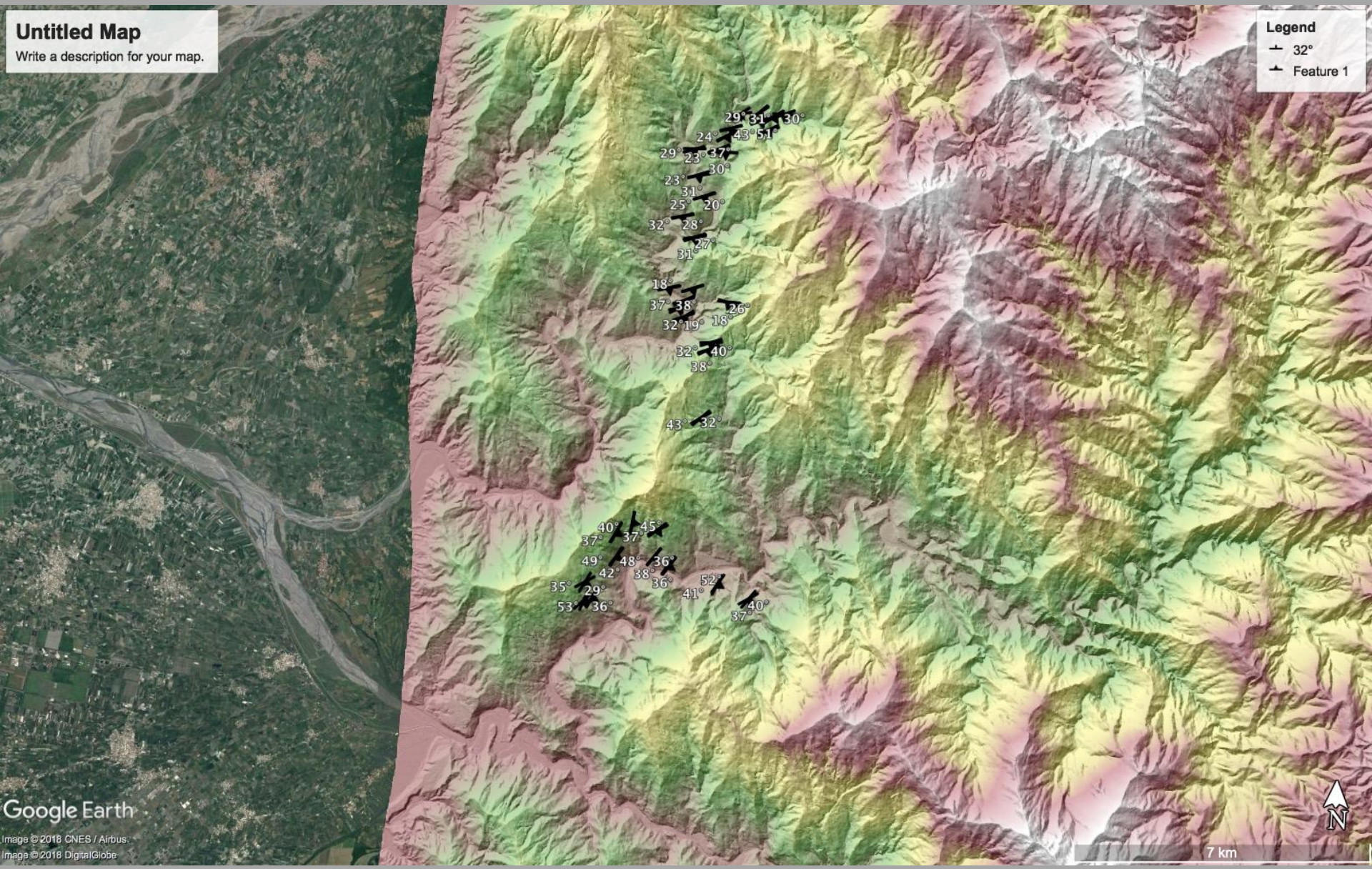
Pay attention to you device,
environment,
weather condition,
electric power lines,
etc.
etc.



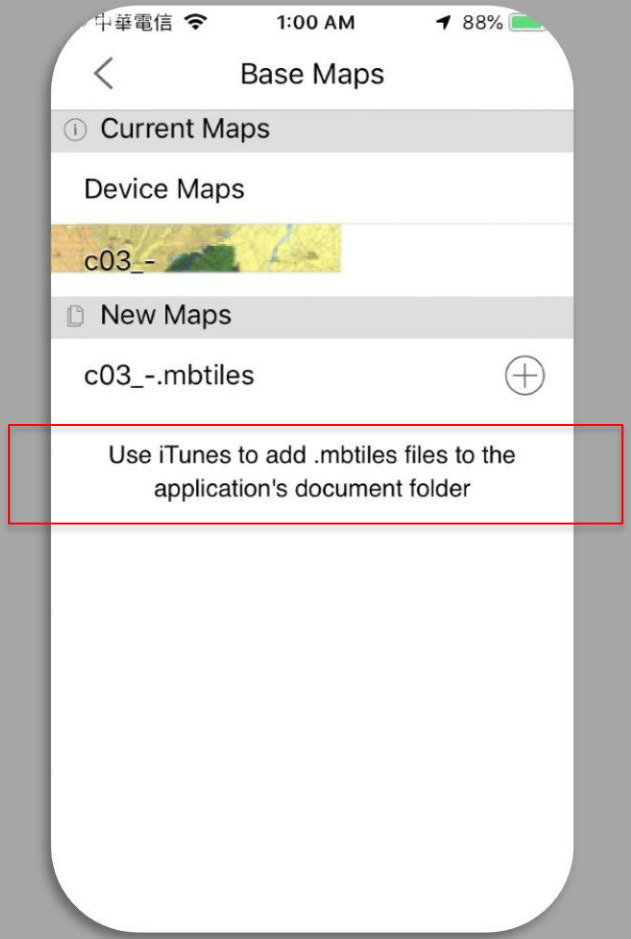
Limitations

- battery life (power bank)
- rain/humidity
- magnetic field (as the normal compass..)
- scratches, breaking screen, etc.

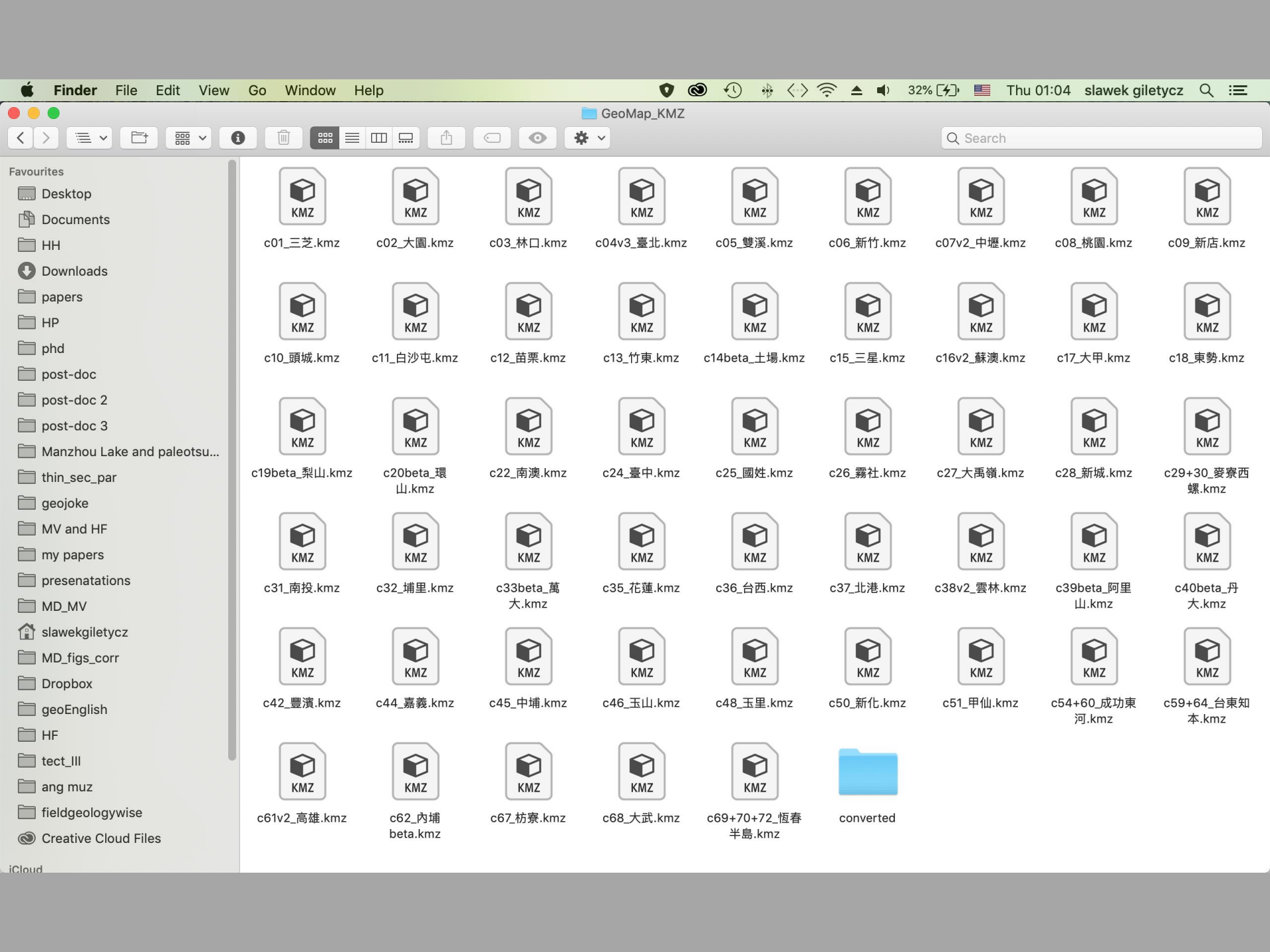

Google Earth Pro File Edit View Tools Add Window Help
36% Thu 00:30 slawek giletycz
Google Earth Pro
Search
Search
ex: 37 25.818' N, 122 05.36' W
Get Directions History
Places
1a1a5.tif
Source Image: /Users/slawekgiletycz/
Macunu
Created on May 23, 2018 on slawek's
1a1a6.tif
Source Image: /Users/slawekgiletycz/
1a1a7.tif
Source Image: /Users/slawekgiletycz/
1a1a8.tif
Source Image: /Users/slawekgiletycz/
1a1a9.tif
Source Image: /Users/
Layers
Primary Database
Announcements
Borders and Labels
Places
Photos
Roads
3D Buildings
Ocean
Weather
Gallery
Global Awareness
More
Terrain
Sign in
5/24/2018 9:37 pm
4.21 km
Image © 2019 DigitalGlobe
Image © 2019 DigitalGlobe
Image Landsat / Copernicus
Image © 2019 CNES / Airbus
Google Earth
22°47'33.96" N 120°38'01.53" E elev 98 m eye alt 15.96 km


Untitled Map
Write a description for your map.
Legend
32°
Feature 1
29° 31° 30°
24° 43° 51°
29° 23° 37°
30°
23°
31°
25° 20°
32° 28°
27°
31°
18°
37° 38°
26°
32° 19° 18°
32° 40°
38°
43° 32°
40° 45°
37° 37°
49° 48° 36°
42° 38° 36°
52°
35° 29°
41°
40°
53° 36°
37°
Google Earth
Image © 2018 CNES / Airbus.
Image © 2018 DigitalGlobe
7 km
N

Downloading geological map into Clino.



.mbtiles


Finder File Edit View Go Window Help
32% Thu 01:04 slawek giletycz
GeoMap_KMZ
Search
Favourites
Desktop
Documents
HH
Downloads
papers
HP
phd
post-doc
post-doc 2
post-doc 3
Manzhou Lake and paleotsu...
thin_sec_par
geojoke
MV and HF
my papers
presenatations
MD_MV
slawekgiletycz
MD_figs_corr
Dropbox
geoEnglish
HF
tect_III
ang muz
fieldgeologywise
Creative Cloud Files
iCloud
c01_三芝.kmz
c02_大園.kmz
c03_林口.kmz
c04v3_臺北.kmz
c05_雙溪.kmz
c06_新竹.kmz
c07v2_中壢.kmz
c08_桃園.kmz
c09_新店.kmz
c10_頭城.kmz
c11_白沙屯.kmz
c12_苗栗.kmz
c13_竹東.kmz
c14beta_土場.kmz
c15_三星.kmz
c16v2_蘇澳.kmz
c17_大甲.kmz
c18_東勢.kmz
c19beta_梨山.kmz
c20beta_環山.kmz
c22_南澳.kmz
c24_臺中.kmz
c25_國姓.kmz
c26_霧社.kmz
c27_大禹嶺.kmz
c28_新城.kmz
c29+30_麥寮西螺.kmz
c31_南投.kmz
c32_埔里.kmz
c33beta_萬大.kmz
c35_花蓮.kmz
c36_台西.kmz
c37_北港.kmz
c38v2_雲林.kmz
c39beta_阿里山.kmz
c40beta_丹大.kmz
c42_豐濱.kmz
c44_嘉義.kmz
c45_中埔.kmz
c46_玉山.kmz
c48_玉里.kmz
c50_新化.kmz
c51_甲仙.kmz
c54+60_成功東河.kmz
c59+64_台東知本.kmz
c61v2_高雄.kmz
c62_內埔beta.kmz
c67_枋寮.kmz
c68_大武.kmz
c69+70+72_恆春半島.kmz
converted

Firefox File Edit View History Bookmarks Tools Window Help 26% Thu 00:57 slawek giletycz
Google Trans | New Tab | Geological c | clino field mc | emoticon pai | live1.elsevierproc | web8.elsevierpro | Facebook | convert kmz | mygeodat
https://mygeodata.cloud/conversion
convert kmz into mbtiles
Most Visited | rmf 3 | translate | cwb Taiwan | Facebook | google map | Magiczny Kraków - ... | Gazeta.pl - Polska i ... | Polskie Radio 3 | Schedule of Sedime... | 國立中央大學盆地研...

MyGeodata Converter

1. Input Data

Input Layers to Convert

× c03_林口

Selected datasets count: 1
Dataset(s) volume: 3.9 MB

Input parameters

File name: c03_林口
Format: LIBKML
Coordinate system: WGS 84 (EPSG:4326)

2. Output Data

Output Format

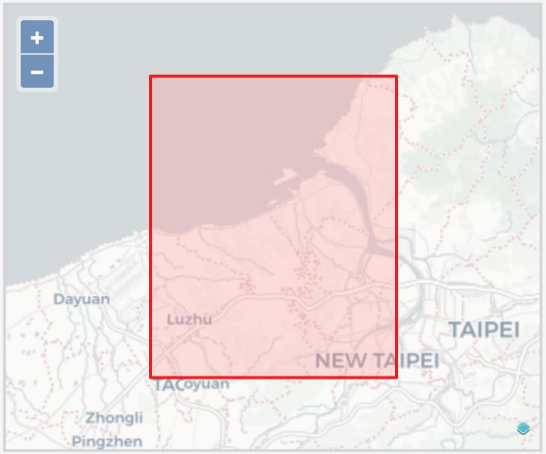
MBTiles

Output parameters

Coordinate system: WGS 84 / Pseudo-Mercator (EPSG:3857)

3. Conversion

Layers Extent Overview Map

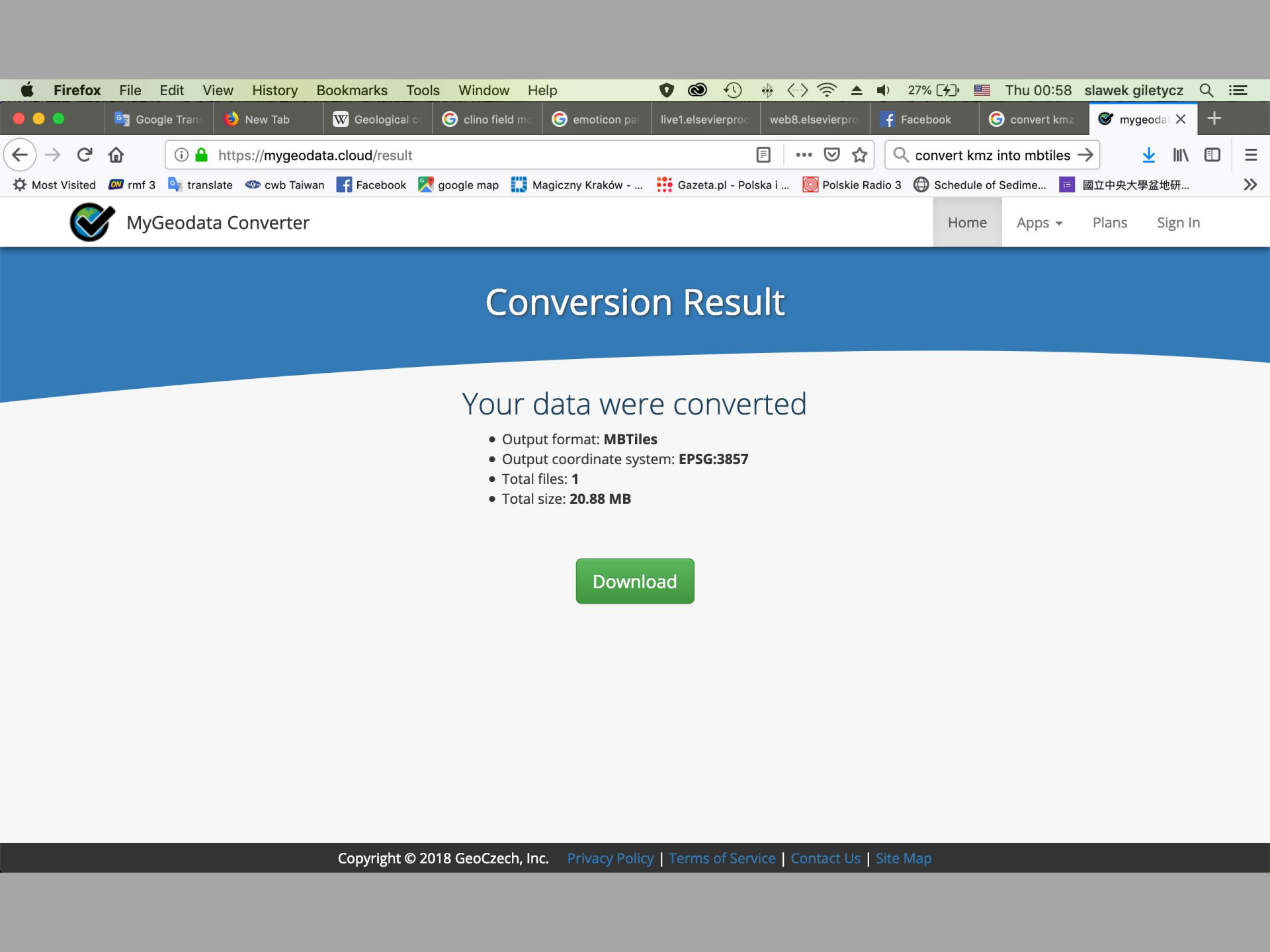


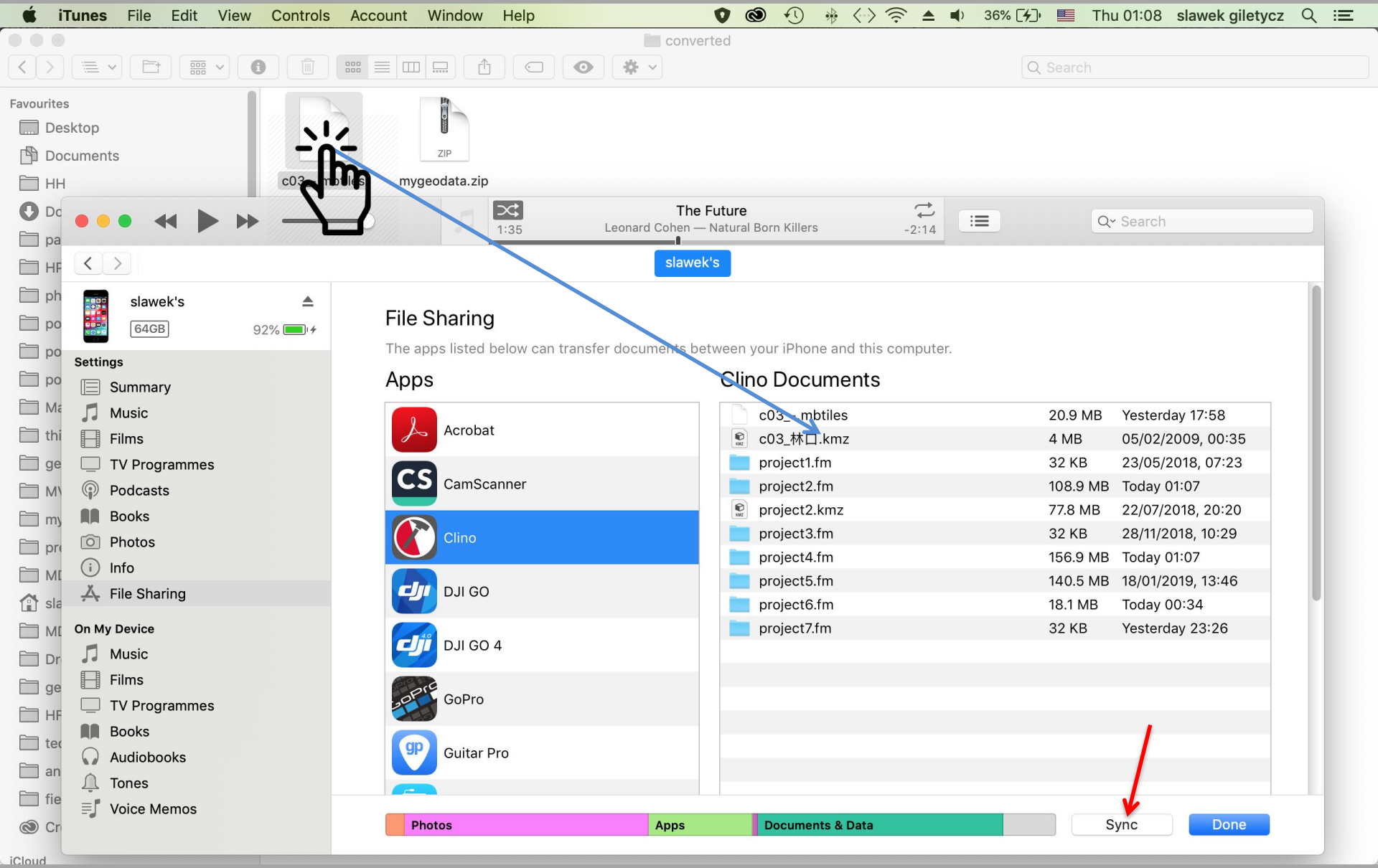
Convert now!

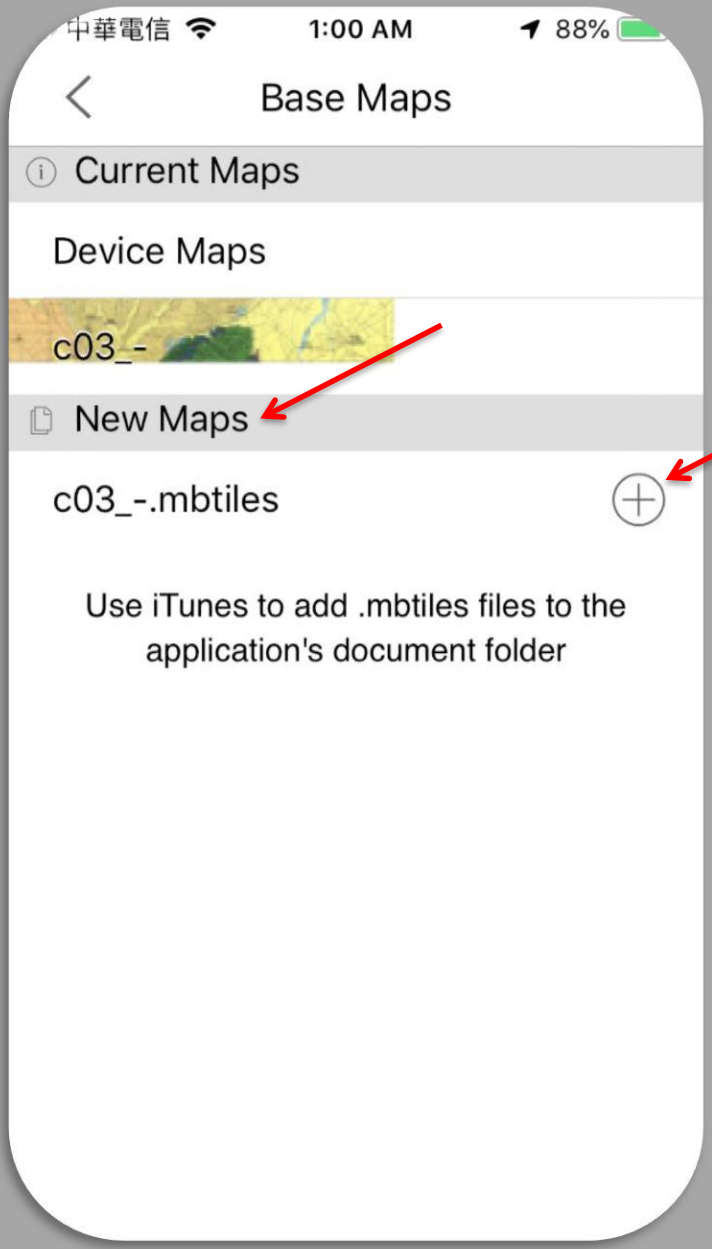
Notice

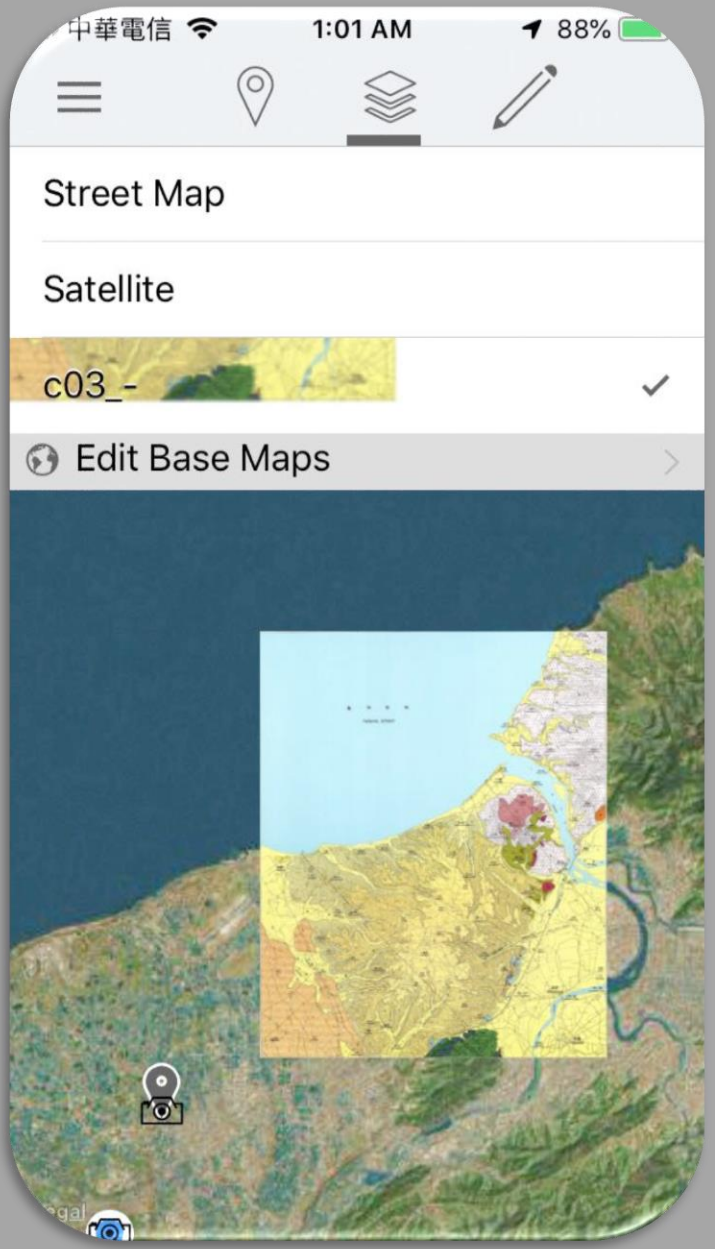
Your conversions are limited to volume of 5.0 MB or to number of 3 datasets - both per month (according to Plans). After then the conversion is charged. Remaining data volume for you is 5.0 MB and up to 3 dataset(s). To make sure that the conversion will successful, you can try to **Convert a Sample** of your dataset(s) - that is not counted.

https://mygeodata.cloud/conversion#


Firefox File Edit View History Bookmarks Tools Window Help
Thu 00:58 slawek giletycz
https://mygeodata.cloud/result
convert kmz into mbtiles
MyGeodata Converter
Home
Apps
Plans
Sign In
Conversion Result
Your data were converted
Output format: MBTiles
Output coordinate system: EPSG:3857
Total files: 1
Total size: 20.88 MB
Download
Copyright © 2018 GeoCzech, Inc. Privacy Policy | Terms of Service | Contact Us | Site Map


iTunes File Edit View Controls Account Window Help
Thu 01:08 slawek giletycz
converted
Search
Favourites
Desktop
Documents
HH
ZIP
mygeodata.zip
The Future
Leonard Cohen — Natural Born Killers
1:35
-2:14
Search
slawek's
slawek's
64GB
92%
Settings
Summary
Music
Films
TV Programmes
Podcasts
Books
Photos
Info
File Sharing
On My Device
Music
Films
TV Programmes
Books
Audiobooks
Tones
Voice Memos
File Sharing
The apps listed below can transfer documents between your iPhone and this computer.
Apps
Acrobat
CamScanner
Clino
DJI GO
DJI GO 4
GoPro
Guitar Pro
Clino Documents
c03_.mbtiles 20.9 MB Yesterday 17:58
c03_林口.kmz 4 MB 05/02/2009, 00:35
project1.fm 32 KB 23/05/2018, 07:23
project2.fm 108.9 MB Today 01:07
project2.kmz 77.8 MB 22/07/2018, 20:20
project3.fm 32 KB 28/11/2018, 10:29
project4.fm 156.9 MB Today 01:07
project5.fm 140.5 MB 18/01/2019, 13:46
project6.fm 18.1 MB Today 00:34
project7.fm 32 KB Yesterday 23:26
Photos
Apps
Documents & Data
Sync
Done


中華電信
1:00 AM
88%
Base Maps
Current Maps
Device Maps
c03_-
New Maps
c03_-.mbtiles
Use iTunes to add .mbtiles files to the application's document folder


中華電信
1:01 AM
88%
Street Map
Satellite
c03_-
Edit Base Maps