

# PlaceMap

# PlaceMap for the Exploration and Mining Industry

Using the power of Google Earth to store and display all of your spatial data in a much more dynamic way

Google Earth is a free software program that lets you fly anywhere on Earth to view satellite imagery, maps, terrain and 3D buildings.

When used in conjunction with PlaceMap, it becomes a very powerful 3D tool that can be used for storing, querying, displaying, printing and distributing all of your spatial data.

For the Exploration and Mining industry, PlaceMap offers many advantages over the existing map display tools including:

- ✓ Google Earth is free and easy to use on desktop computers, laptops and mobile phones
- ✓ Use the power of Google Earth for “flying” over the terrain in 2D or 3D
- ✓ Overlay tracks on the 3D terrain surfaces and use the View Elevation Profile tool to view the track profile details such as distance, elevation, steepness etc.
- ✓ Create KML/KMZ files of multiple places, images and tracks which can be emailed to anyone for viewing. KML/KMZ files can be opened directly from the email on computer and smart phones and will automatically zoom into the places of interest
- ✓ Use the tools available in Google Earth such as the distance measurement and digitizing tools
- ✓ Use the existing layers in Google Earth primary database for viewing location photos, tourist attractions, restaurants, bars, bus stops and much more
- ✓ Create and view overlay image maps such as geological maps or maps taken from PDF reports
- ✓ Link directly to your company website
- ✓ Save high quality images and movies for printing or emailing to anyone
- ✓ Add your own place marks and paths to highlight places of interest
- ✓ Add photographs and place them in the correct position and view
- ✓ Store multiple property KML's on your smart phone for easy reference such as project tenements
- ✓ Query places and tracks and then create custom KML/KMZ files

The main **PlaceMap** web page allows you to build up a set of places and then select the places you want to view in **Google Earth** using a number of different queries before exporting the places into a single KML/KMZ file

The screenshot shows the PlaceMap web interface. At the top, there are tabs for 'Places' and 'Map'. Below these are several green buttons: 'Upload Images', 'Edit Places', 'Transfer Places', 'Copy a Place', 'Add a Place', 'Edit Groups', and 'Edit User'. A callout box labeled 'Select Project' points to the 'Select a place name' dropdown menu, which currently shows 'Punitaqui'. Another callout box labeled 'Select Prospect' points to the 'DALMACIA' dropdown menu. A third callout box labeled 'Select Type' points to the 'Select a place type' dropdown menu, which is open and shows a list of options: 'Agri', 'Anomaly Map', 'Drilling', 'Exploitation', 'EXPLORACION', 'Exploration', 'EXPLOTACION' (highlighted in blue), 'EXPLOTACION (arriendo)', and 'Feature Vector Plot'. Below the dropdowns are buttons for 'Clear All' and 'Select by Group'. A table with columns 'No', 'Place Name', 'Place Collection', 'Place Type', 'Date Entered', 'Delete', 'Edit', and 'Remove' is visible. At the bottom, there is a 'Download' button and a 'Logout' link.

Places Map

Upload Images Edit Places Transfer Places Copy a Place Add a Place Edit Groups

Edit User

Select Project

Select a place name Punitaqui

Select a place type

Select a user group

Select Prospect

Clear All Select by Group

No	Place Name	Place Collection	Place Type	Date Entered	Delete	Edit	Remove
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EXPLOTACION

default

Download

Logout

In this example from a project in Chile, only Exploitation tenements from the Punitaqui project and Dalmacia prospect are selected

Places
Map

Upload Images
Edit Places
Transfer Places
Copy a Place
Add a Place
Edit Groups

Edit User

Select a place name
Select a place collection
Select a place category
Select a place type
Select a user group

Select All
Select by Query
Clear All
Select by Group

No	Place Name	Place Collection	Place Category	Place Type	Date Entered	Delete	Edit	Remove
1	ARCO IRIS 1 AL 20	Punitaqui	DALMACIA	EXPLOTACION	2018-05-11 19:24:16	Delete	Edit	Remove
2	DALMACIA 1 AL 20	Punitaqui	DALMACIA	EXPLOTACION	2018-05-11 19:24:16	Delete	Edit	Remove
3	DALMACIA II 1 AL 62	Punitaqui	DALMACIA	EXPLOTACION	2018-05-11 19:24:16	Delete	Edit	Remove
4	DALMACIA III A 1 AL 20	Punitaqui	DALMACIA	EXPLOTACION	2018-05-11 19:24:16	Delete	Edit	Remove
5	DALMACIA III B 1 AL 69	Punitaqui	DALMACIA	EXPLOTACION	2018-05-11 19:24:16	Delete	Edit	Remove
6	DALMACIA III C 1 AL 26	Punitaqui	DALMACIA	EXPLOTACION	2018-05-11 19:24:16	Delete	Edit	Remove
7	ALTOS 2A 1 AL 89	Punitaqui	DALMACIA	EXPLOTACION	2018-05-11 19:24:16	Delete	Edit	Remove
8	ALTOS 4 1 AL 8	Punitaqui	DALMACIA	EXPLOTACION	2018-05-11 19:24:16	Delete	Edit	Remove
9	ALTOS 1B 1 AL 14	Punitaqui	DALMACIA	EXPLOTACION	2018-05-11 19:24:16	Delete	Edit	Remove
10	ALTOS 3 1 AL 116	Punitaqui	DALMACIA	EXPLOTACION	2018-05-11 19:24:16	Delete	Edit	Remove
11	ALTOS 1A 1 AL 4	Punitaqui	DALMACIA	EXPLOTACION	2018-05-11 19:24:16	Delete	Edit	Remove
12	ALTISIMO 4A 1 AL 9	Punitaqui	DALMACIA	EXPLOTACION	2018-05-11 19:24:16	Delete	Edit	Remove
13	ALTISIMO 3 1 AL 19	Punitaqui	DALMACIA	EXPLOTACION	2018-05-11 19:24:16	Delete	Edit	Remove
14	ALTISIMO 1 1 AL 19	Punitaqui	DALMACIA	EXPLOTACION	2018-05-11 19:24:16	Delete	Edit	Remove
15	ALTISIMO 2 1 AL 89	Punitaqui	DALMACIA	EXPLOTACION	2018-05-11 19:24:16	Delete	Edit	Remove
16	ALTOS 28 1 AL 28	Punitaqui	DALMACIA	EXPLOTACION	2018-05-11 19:24:16	Delete	Edit	Remove

Create KML

☐ Include Logo ☒ No Logo

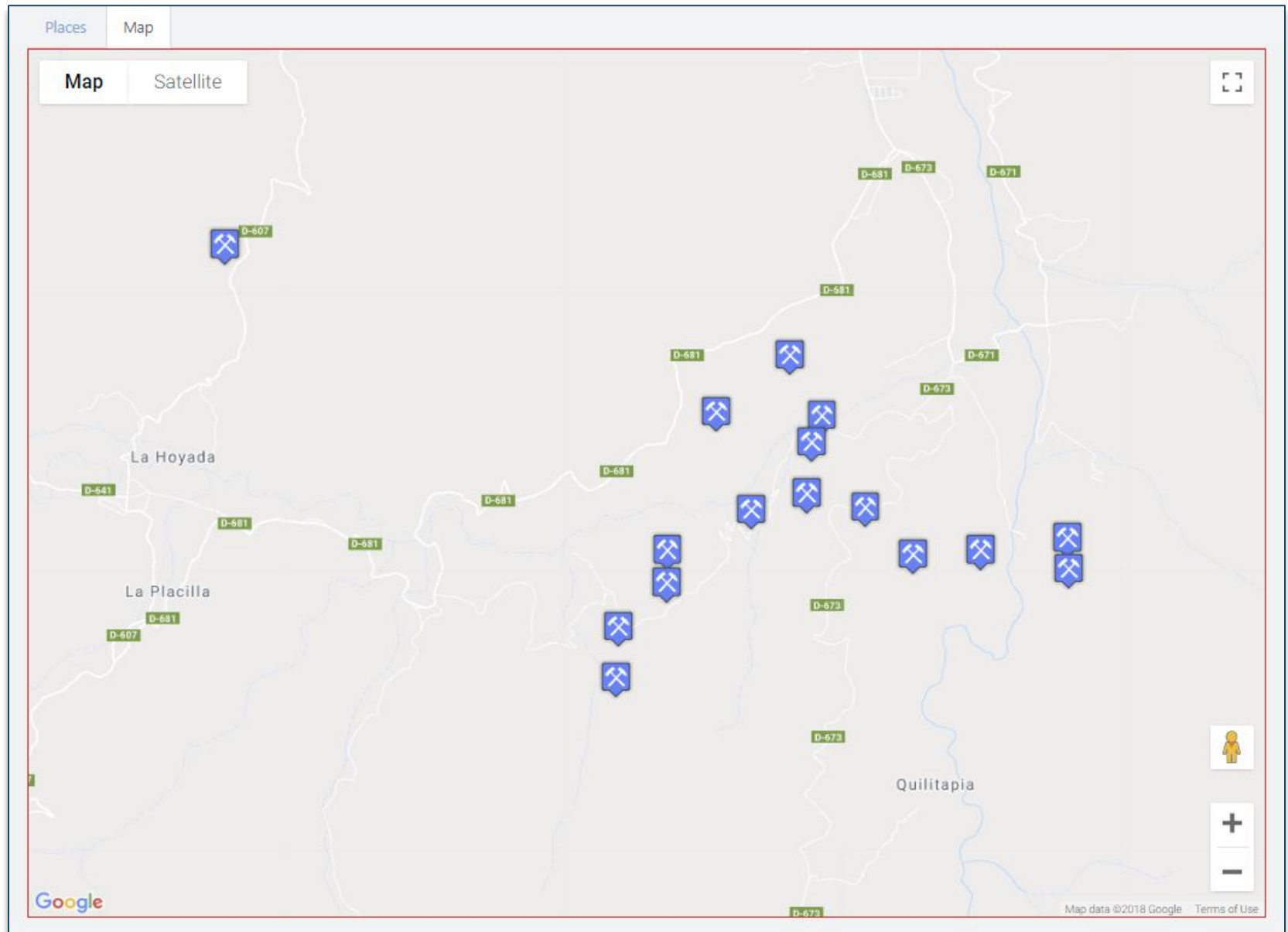
```
<?xml version="1.0" encoding="UTF-8"?>
<kml xmlns="http://earth.google.com/kml/2.1">
<Document>
<name>PlaceMap</name>
<Style id="white-1-red-30">
<LineStyle>
<color>ffffff</color>
<colorMode>normal</colorMode>
<width>1</width>
</LineStyle>
<PolyStyle>
<color>4c0000ff</color>
<outline>1</outline>
<fill>1</fill>
</PolyStyle>
```

Dalmacia Exploitation

Download

Enter a name for the kmz file

You can quickly preview the selected places on the **Map** tab

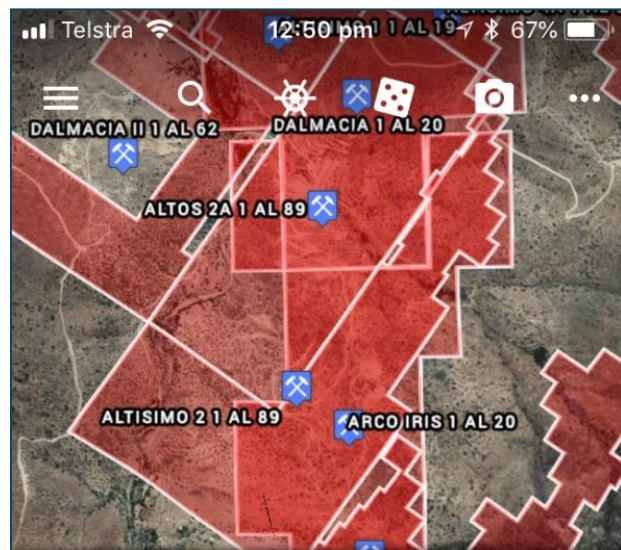
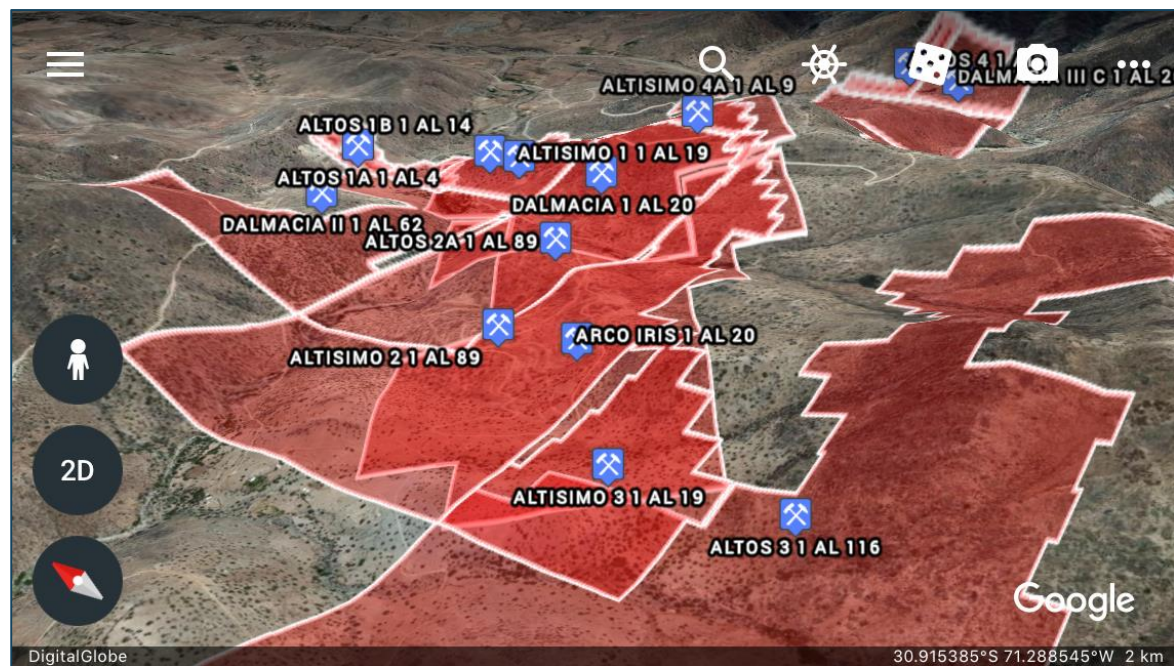




On a computer or mobile phone, the kmz file can be opened in **Google Earth** to display the selected tenements. Click on a tenement icon to display the tenement details.



On a mobile phone, the kmz file can be opened in **Google Earth** to display the selected tenements. Click on a tenement icon to display the tenement details.



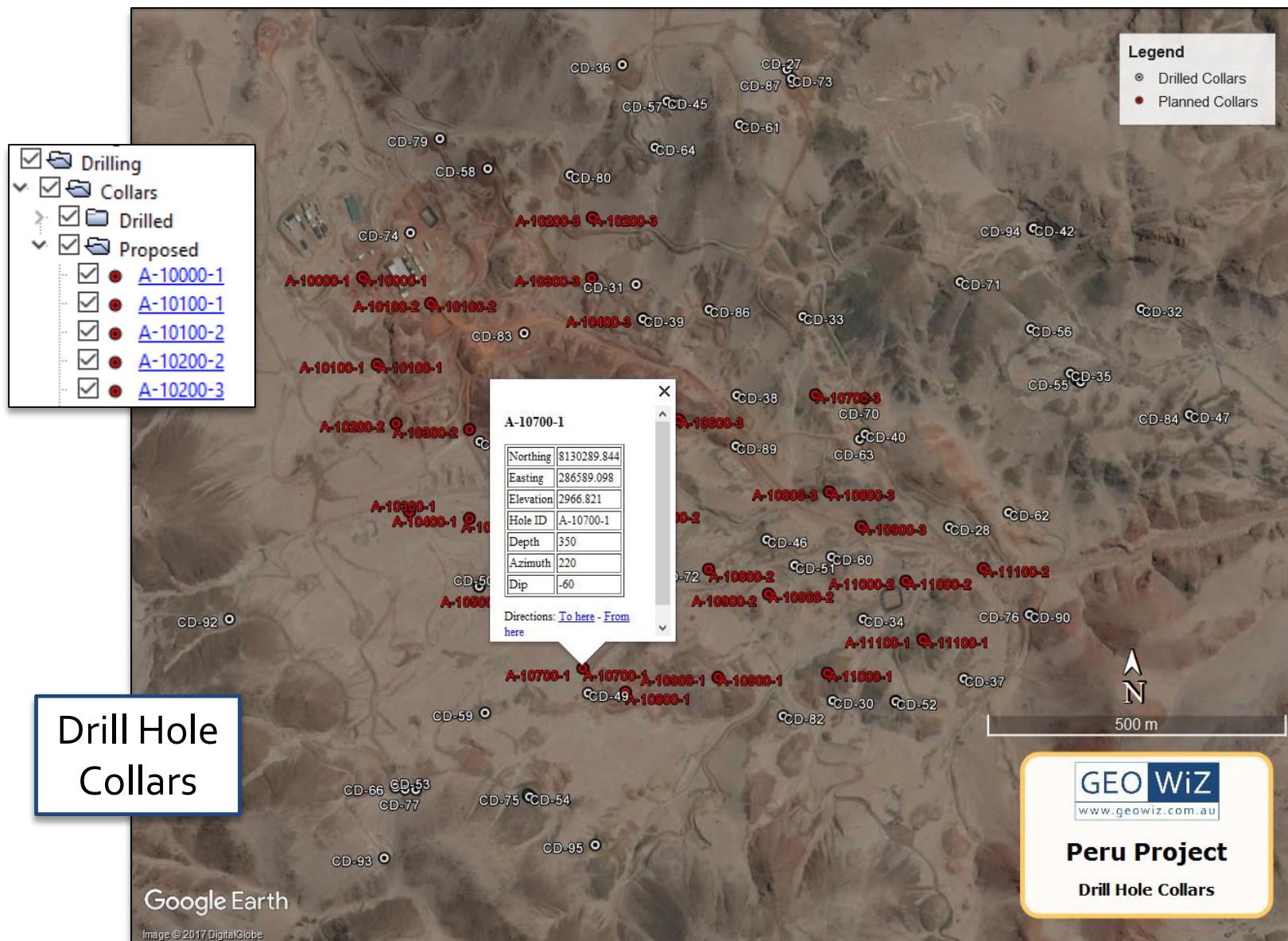
✕ ARCO IRIS 1 AL 20 ^



ARCO IRIS 1 AL 20

License No	04204-0177-9
Status	Granted
Size	100
Holder	Xiana Mining
Project	DALMACIA










# Examples of other data that can be displayed in Google Earth

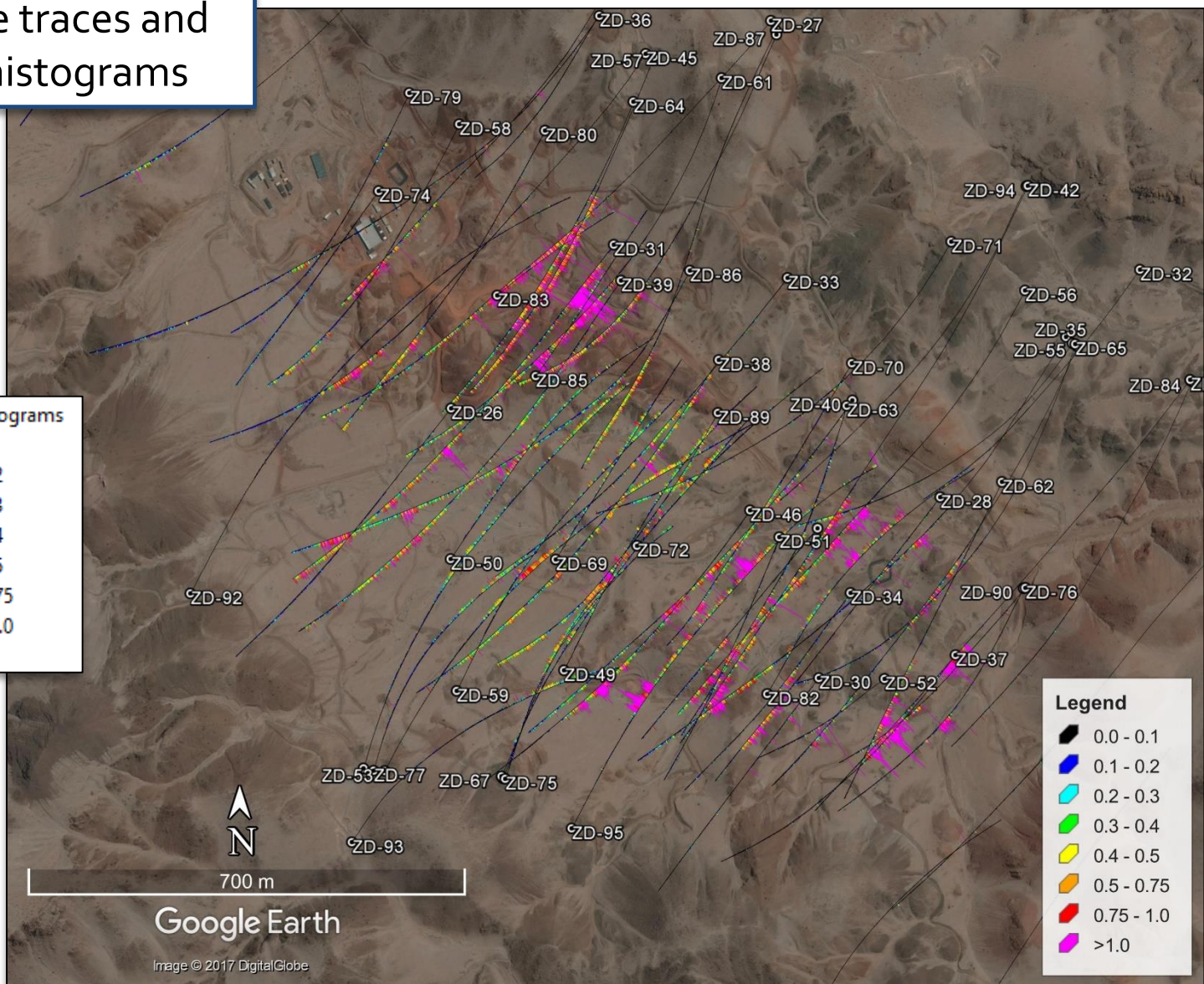


Drill Hole  
Collars



# Drill hole traces and grade histograms

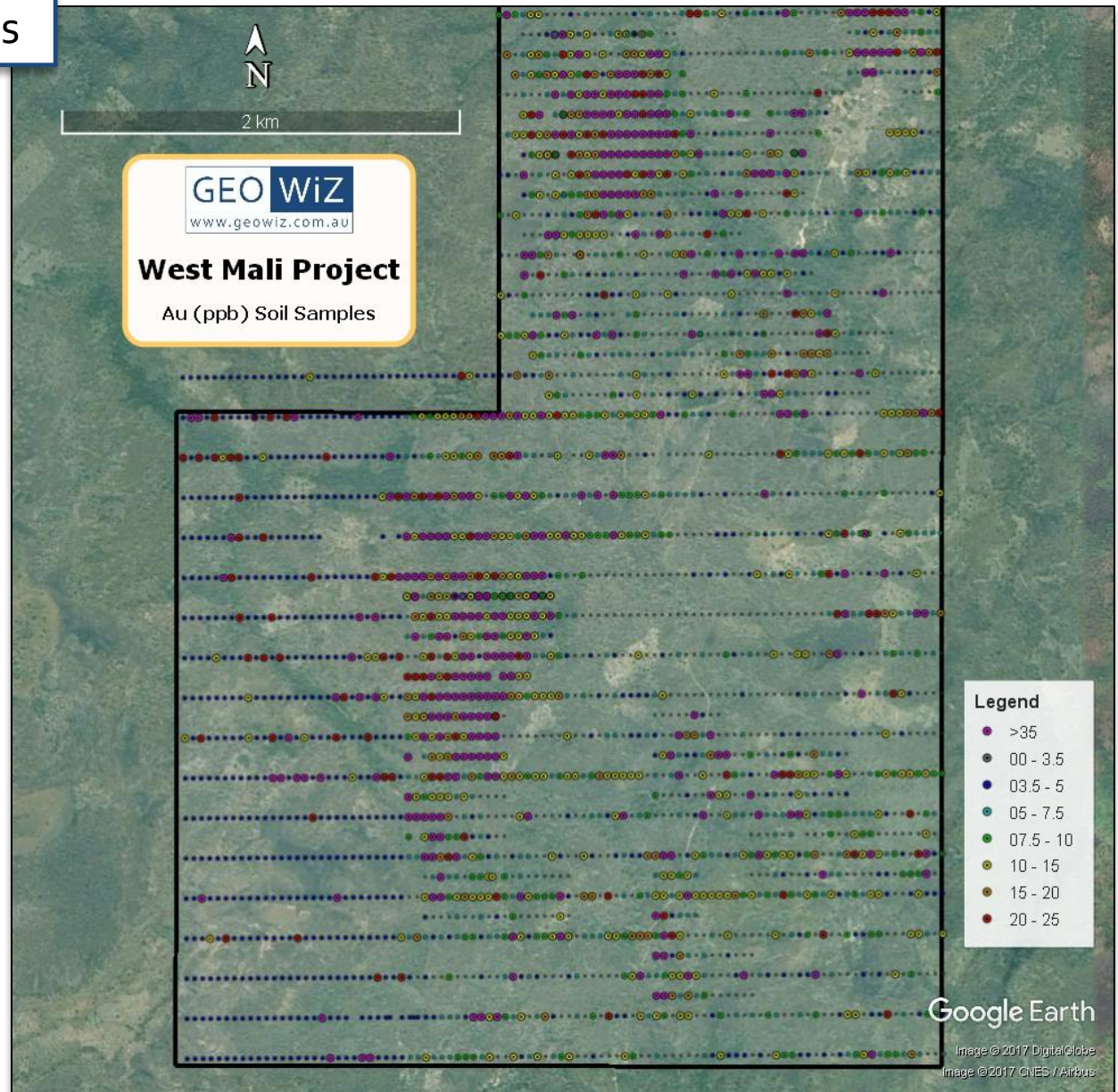
- ☒  Cu% Histograms
- ☒  0 - 0.1
  - ☒  0.1 - 0.2
  - ☒  0.2 - 0.3
  - ☒  0.3 - 0.4
  - ☒  0.4 - 0.5
  - ☒  0.5 - 0.75
  - ☒  0.75 - 1.0
  - ☒  >1.0





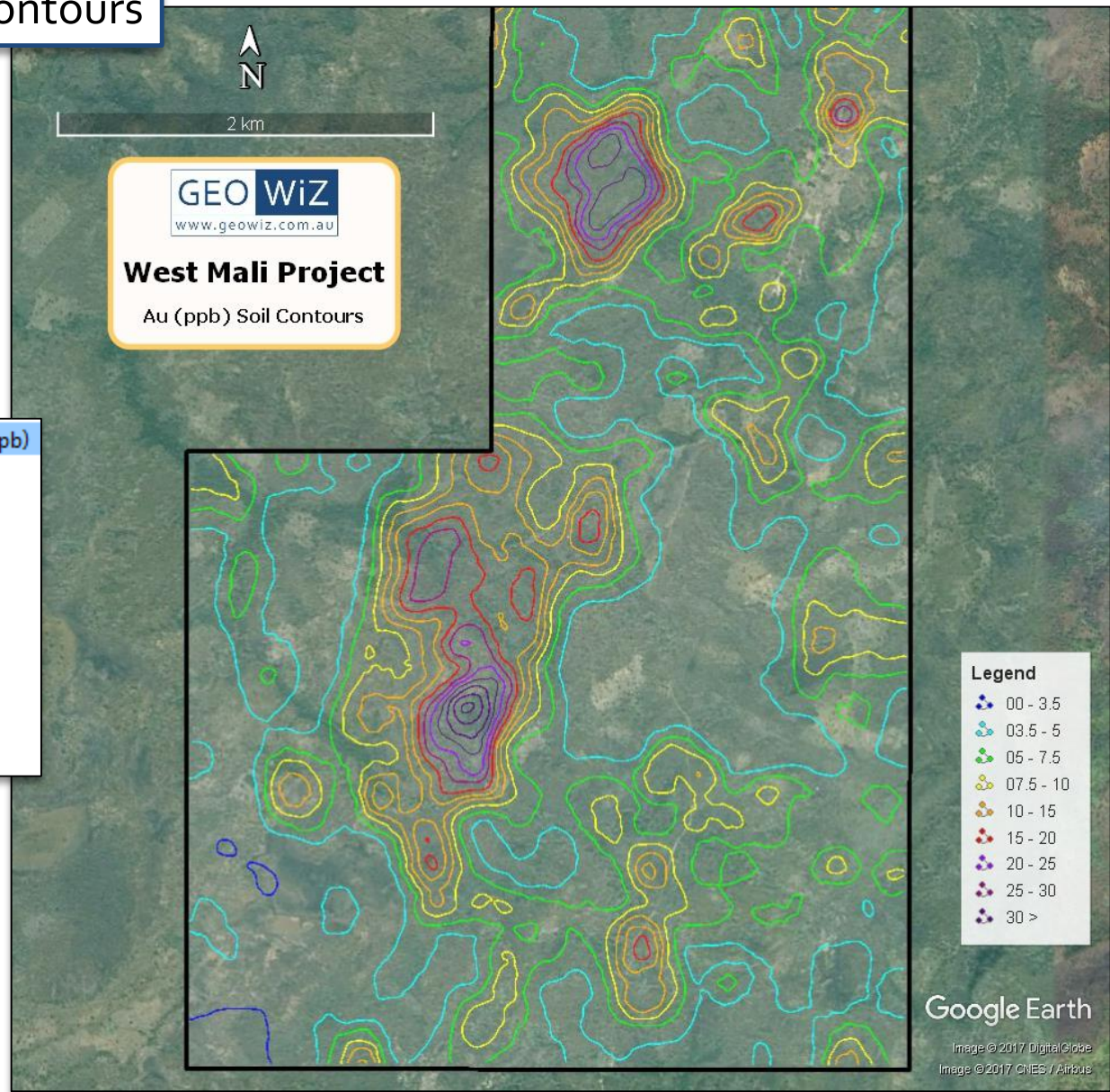
# Soil geochem values

- ✓ Soils - Au (ppb)
  - ✓ 0 - 3.5
  - ✓ 3.5 - 5
  - ✓ 5 - 7.5
  - ✓ 7.5 - 10
  - ✓ 10 - 15
  - ✓ 15 - 20
  - ✓ 20 - 25
  - ✓ >25





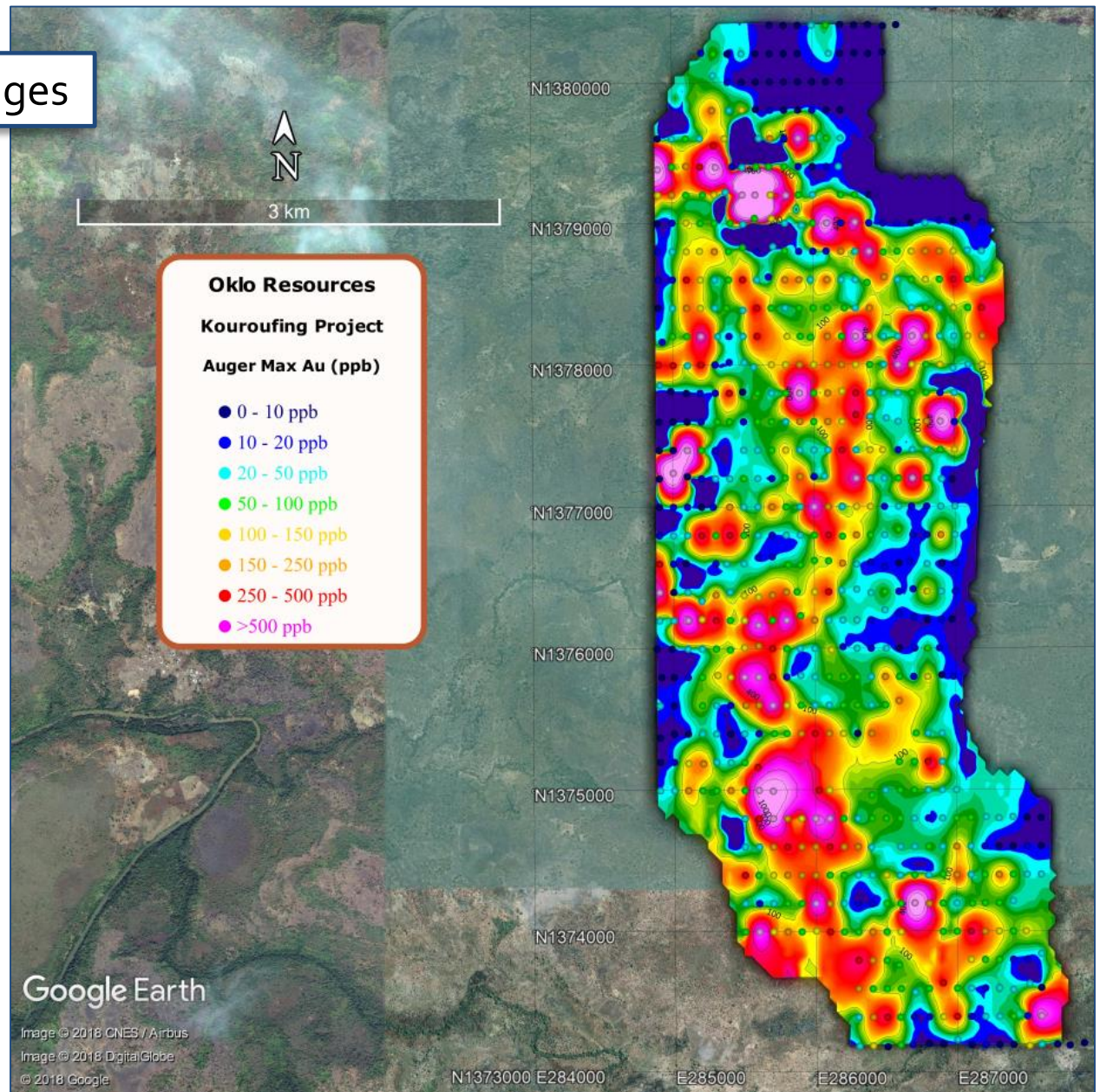
# Soil geochem contours



- ☒ Soil Geochem Au (ppb)
- ☒ 0 - 3.5
- ☒ 3.5 - 5
- ☒ 5 - 7.5
- ☒ 7.5 - 10
- ☒ 10 - 12.5
- ☒ 12.5 - 15
- ☒ 15 - 17.5
- ☒ 17.5 - 20
- ☒ 20 - 25
- ☒ >25

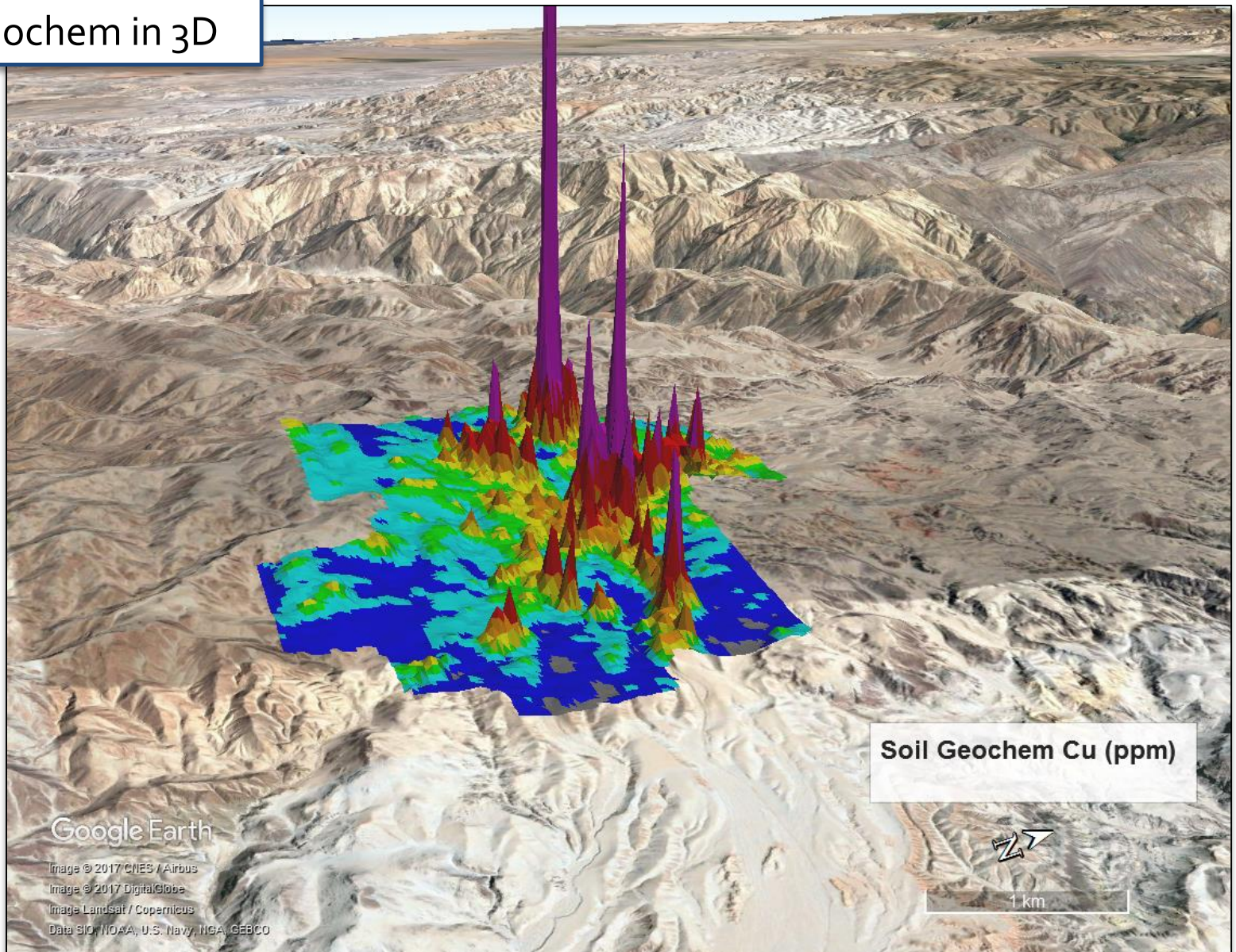


## Soil geochem images











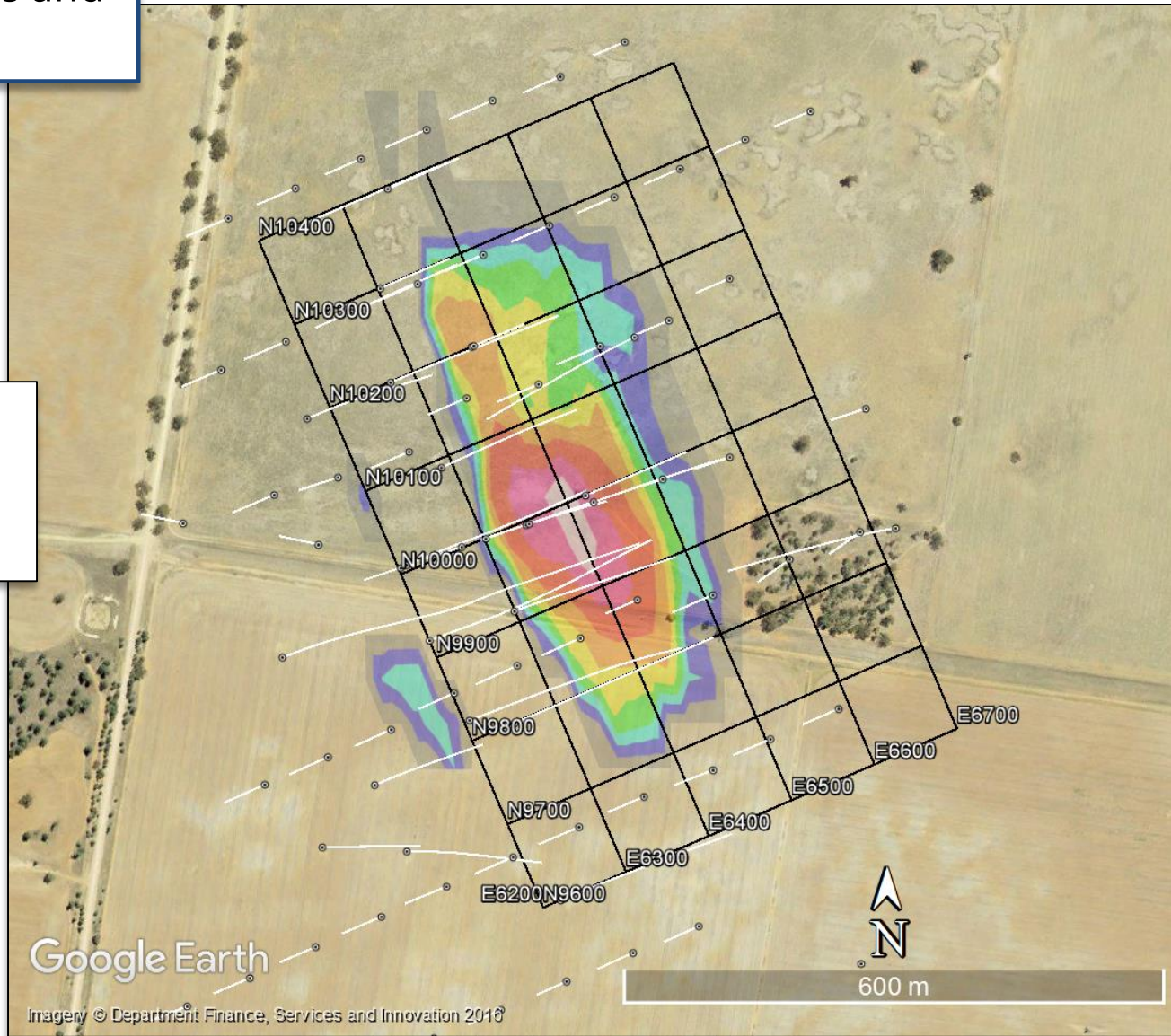
## Soil geochem in 3D





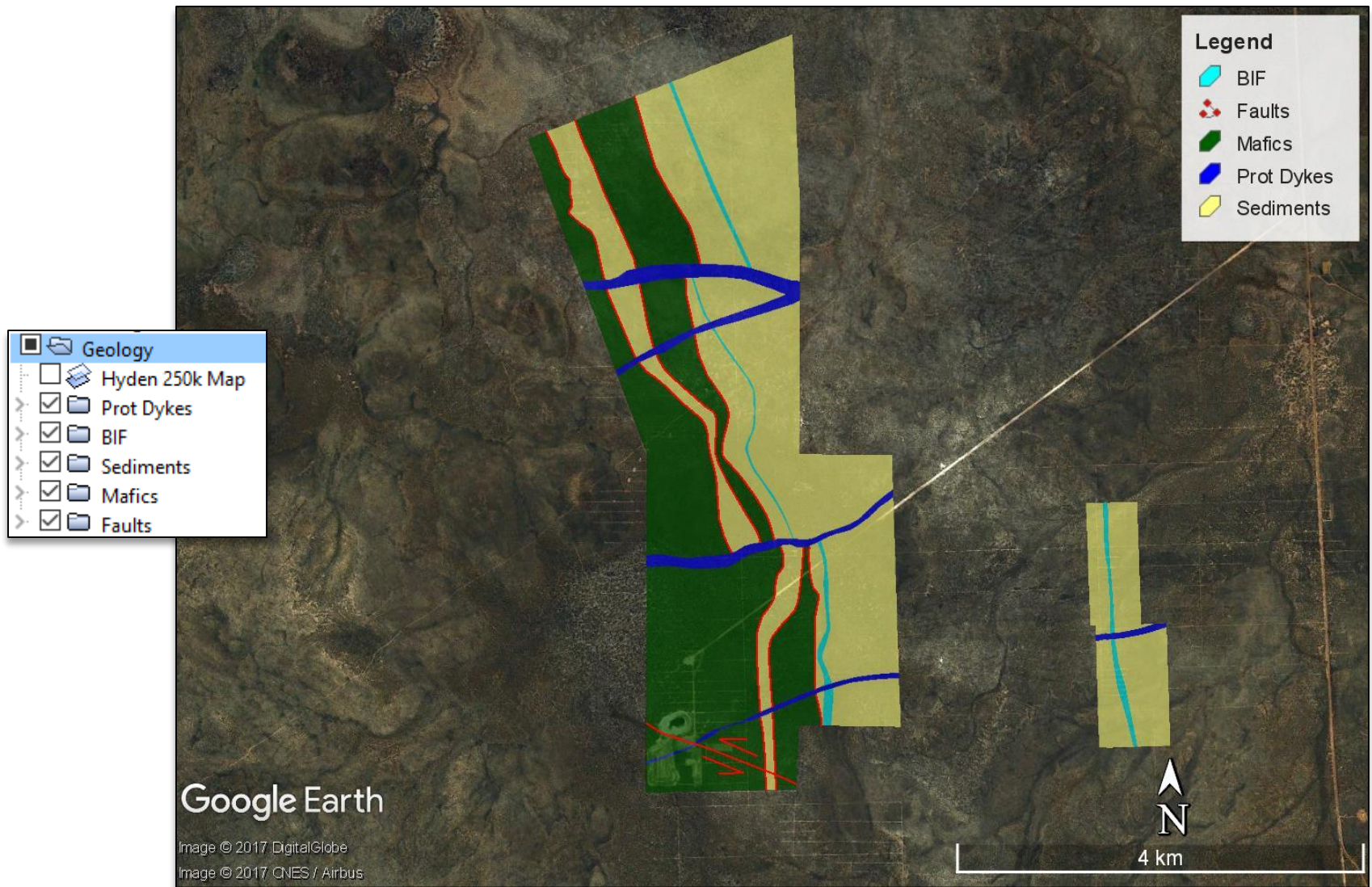
## Local grid lines and labels

- ☒  Drilling
- ☒  Collars
- ☒  Hole Traces
- ☒  Grid
- ☒  Grid Labels
- ☒  Grid Lines



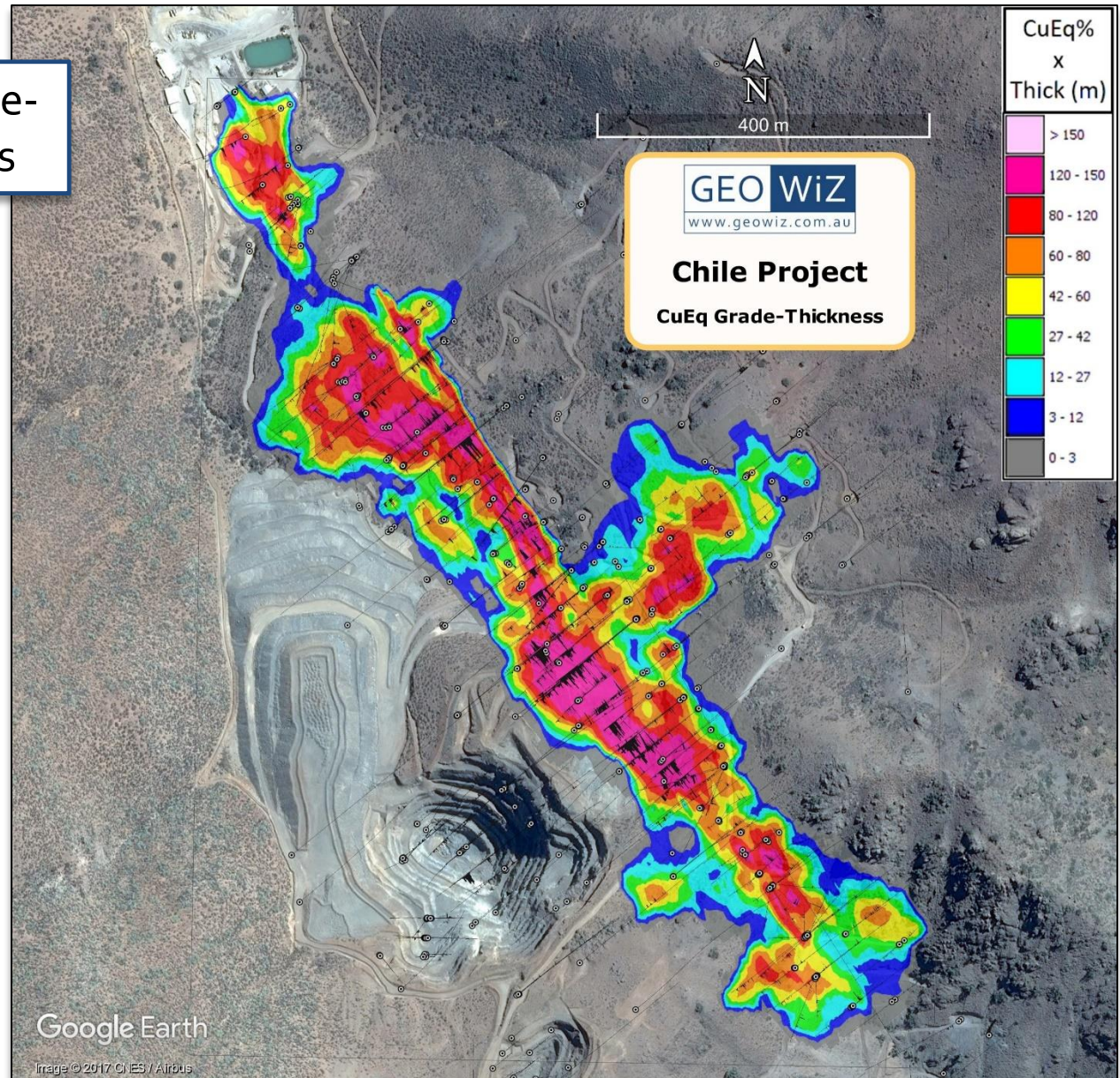


# Geology polygons



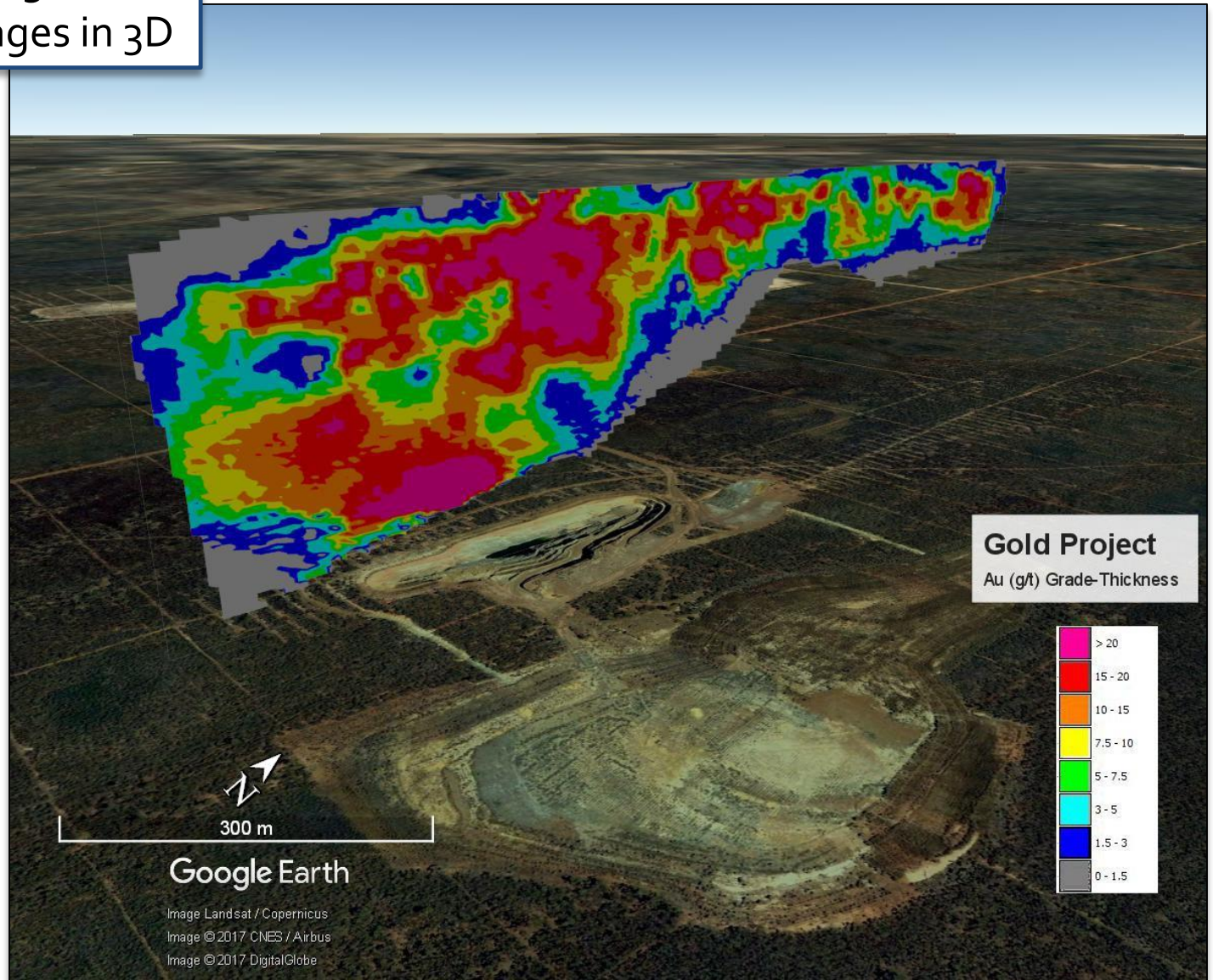


Block model grade-thickness images



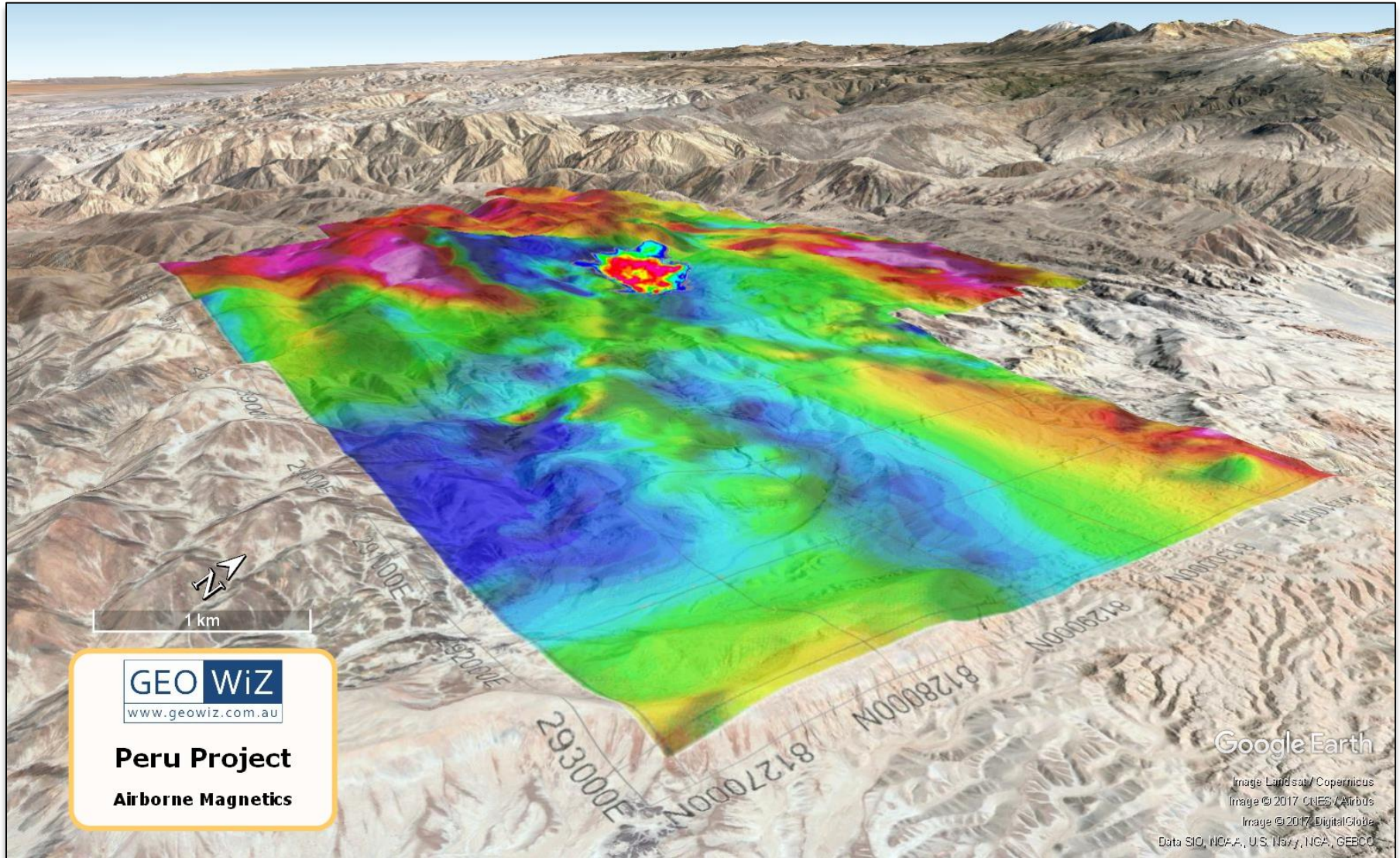


# Block model grade-thickness images in 3D



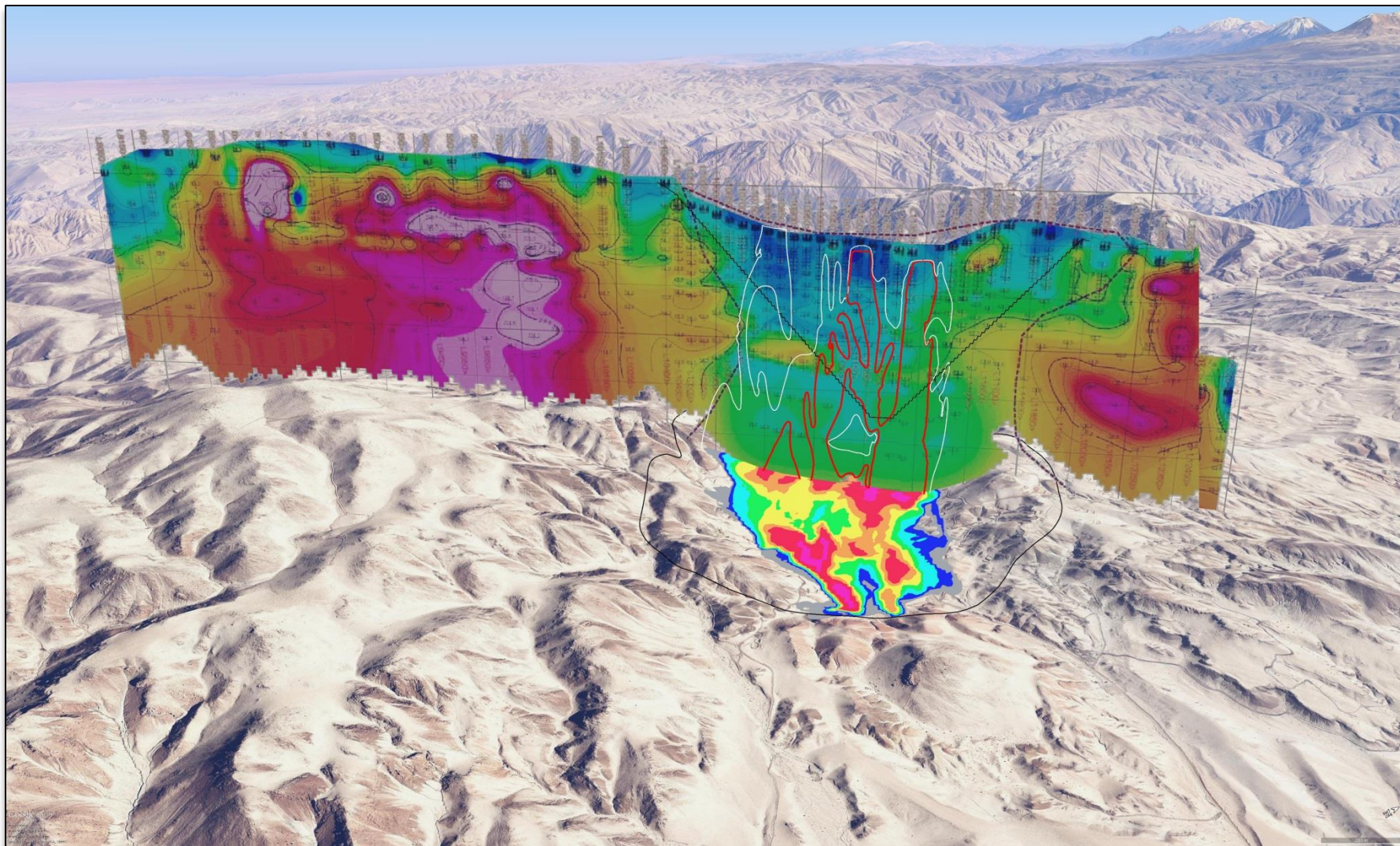


# Geophysics



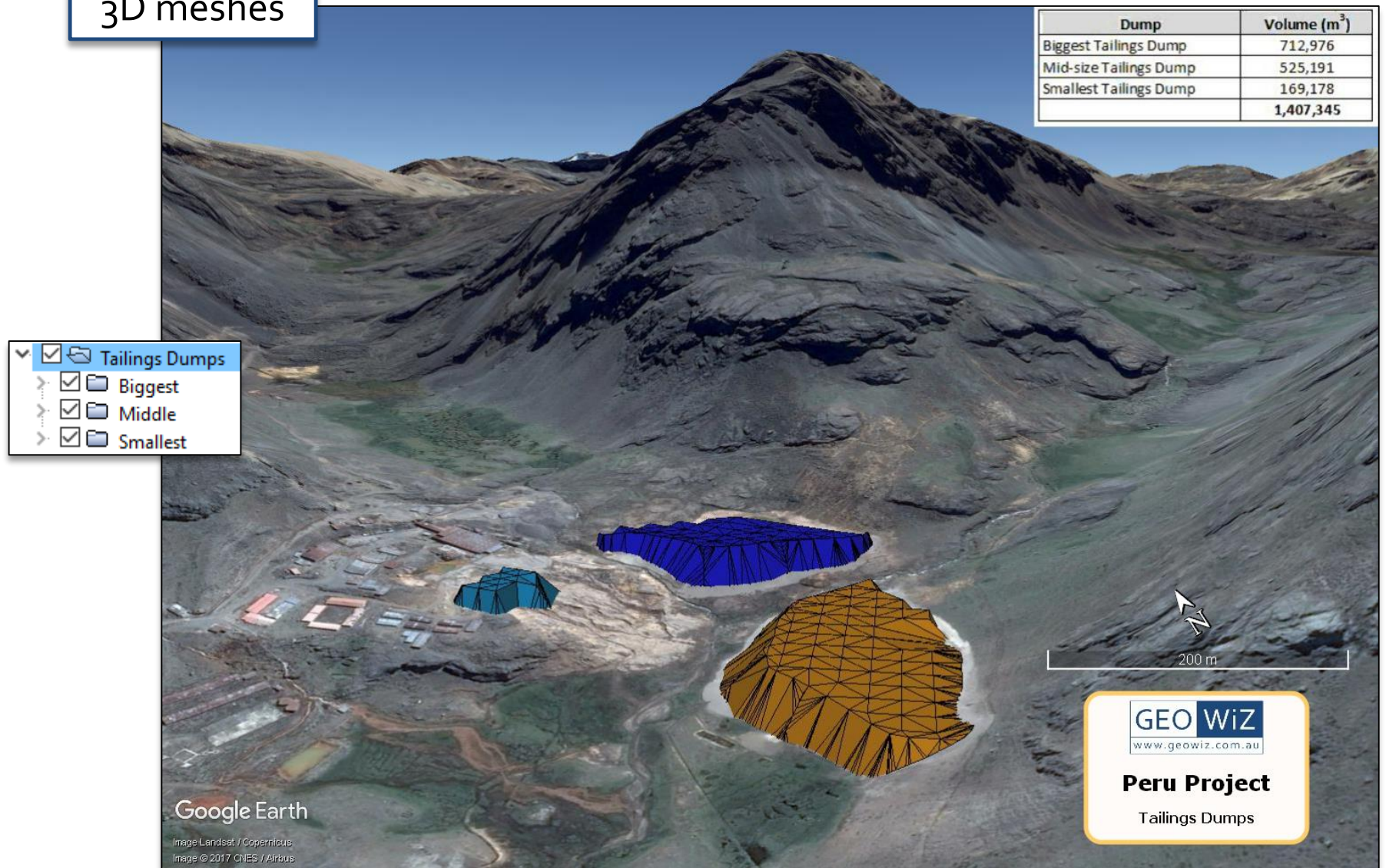


# Geophysics in 3D



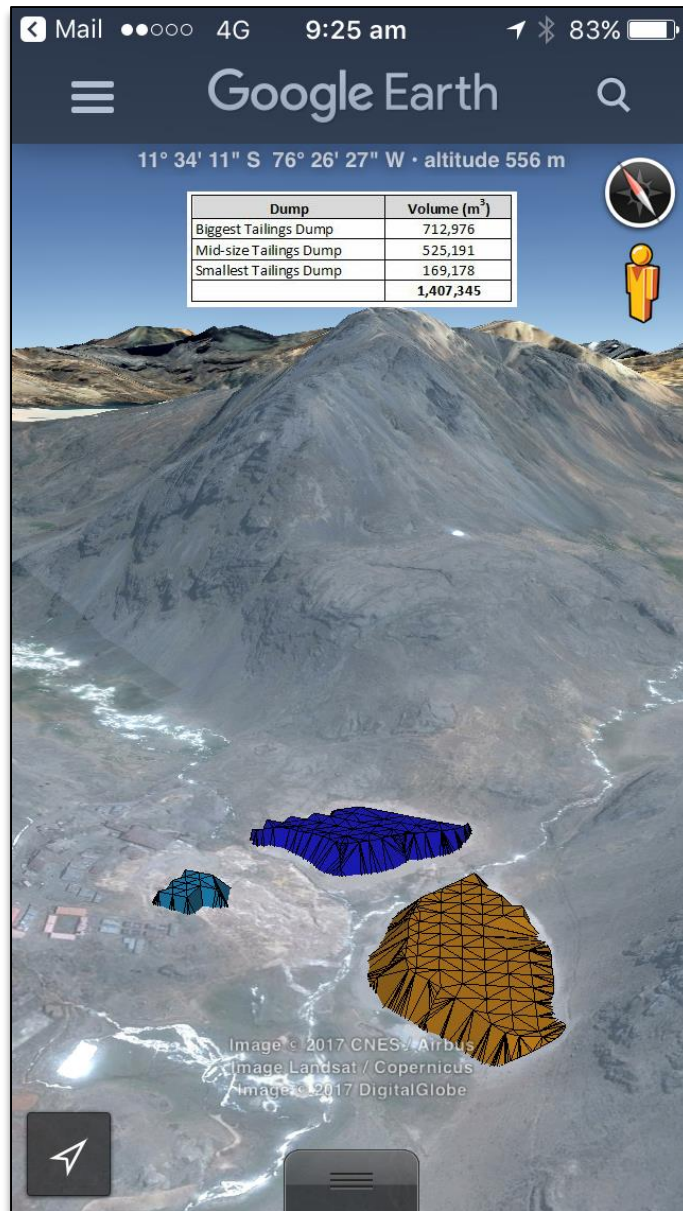


## 3D meshes





## 3D meshes on your mobile phone



GEO WiZ

www.geowiz.com.au

N6598400

N6598300

N6598200

N6598100

N6598000

N6597900

N6597800 E340100

E340200

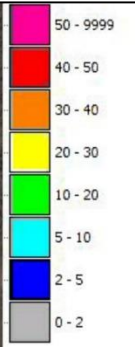
E340300

E340400

E340500

E340600

E340700



- ☒ Drilling
  - ☒ Cu Histogram
  - ☒ Hole Traces
  - ☒ Hole Collars
- ☐ Easements
- ☐ Fields
- ☐ Geochem
- ☒ Geology
  - ☒ GT
  - ☒ Grade-Thickness Contours
- ☒ Grid
  - ☒ Grid Labels
  - ☒ Grid Lines

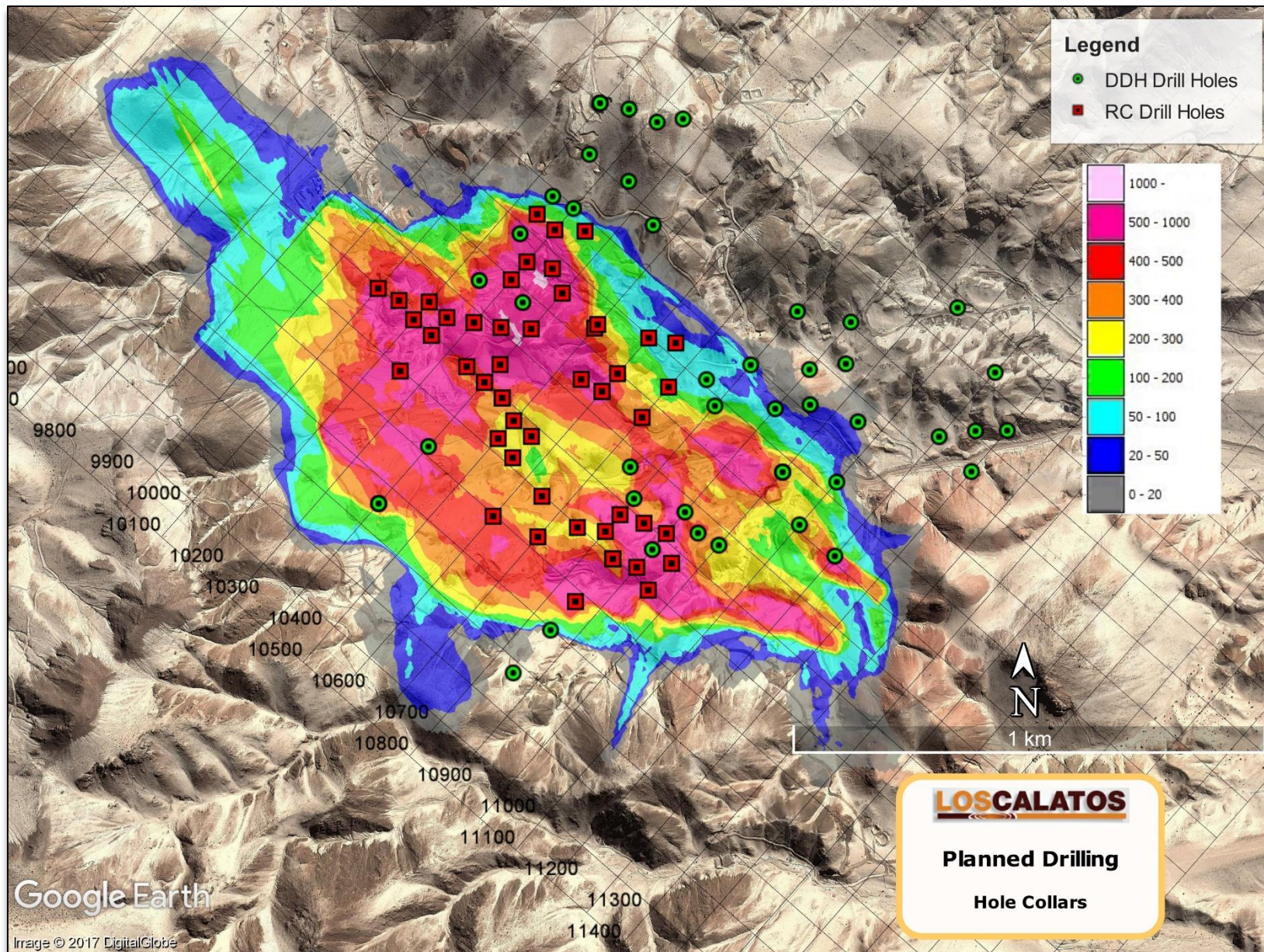
Google Earth

Image © 2016 CNES / Astrium

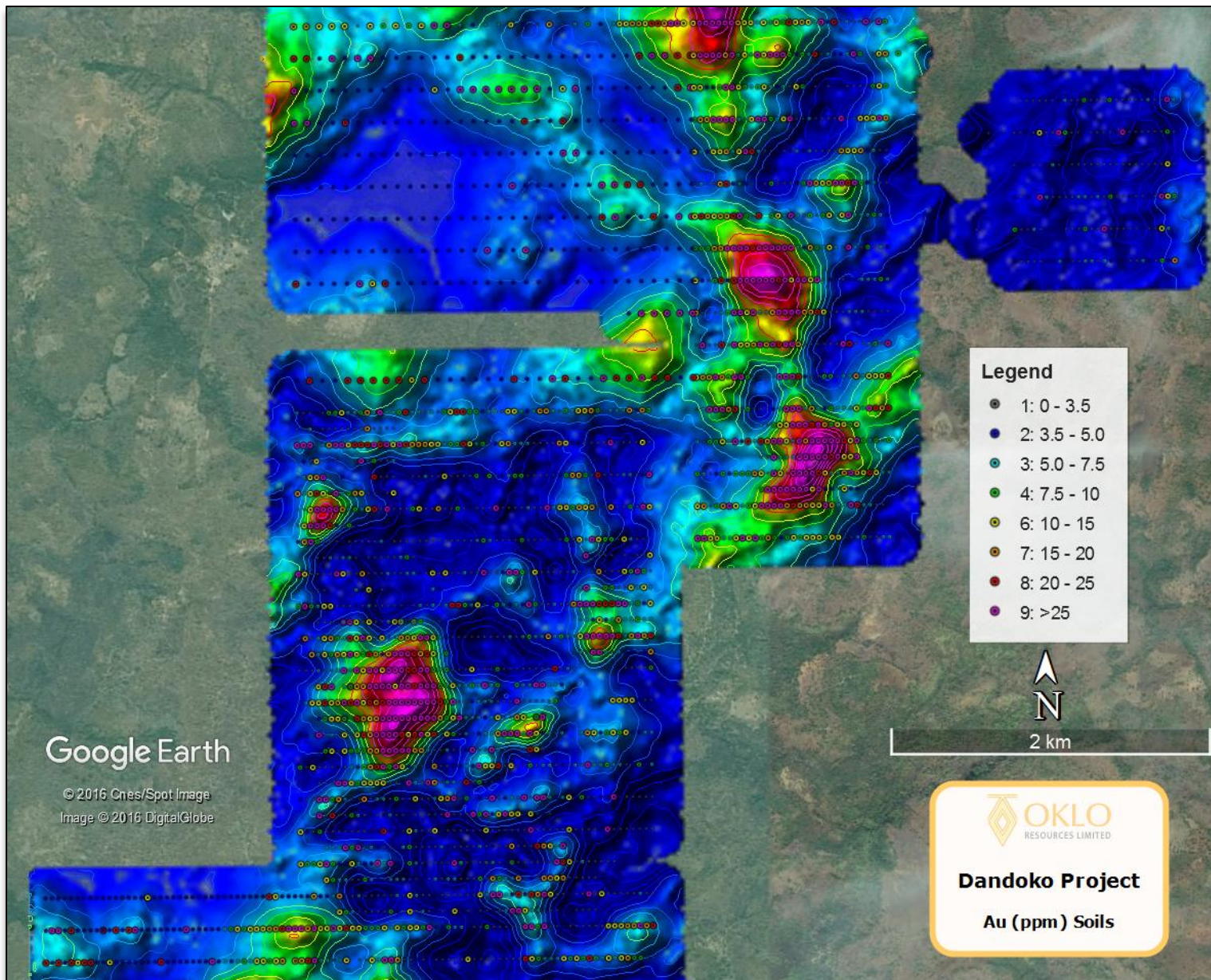


300 m



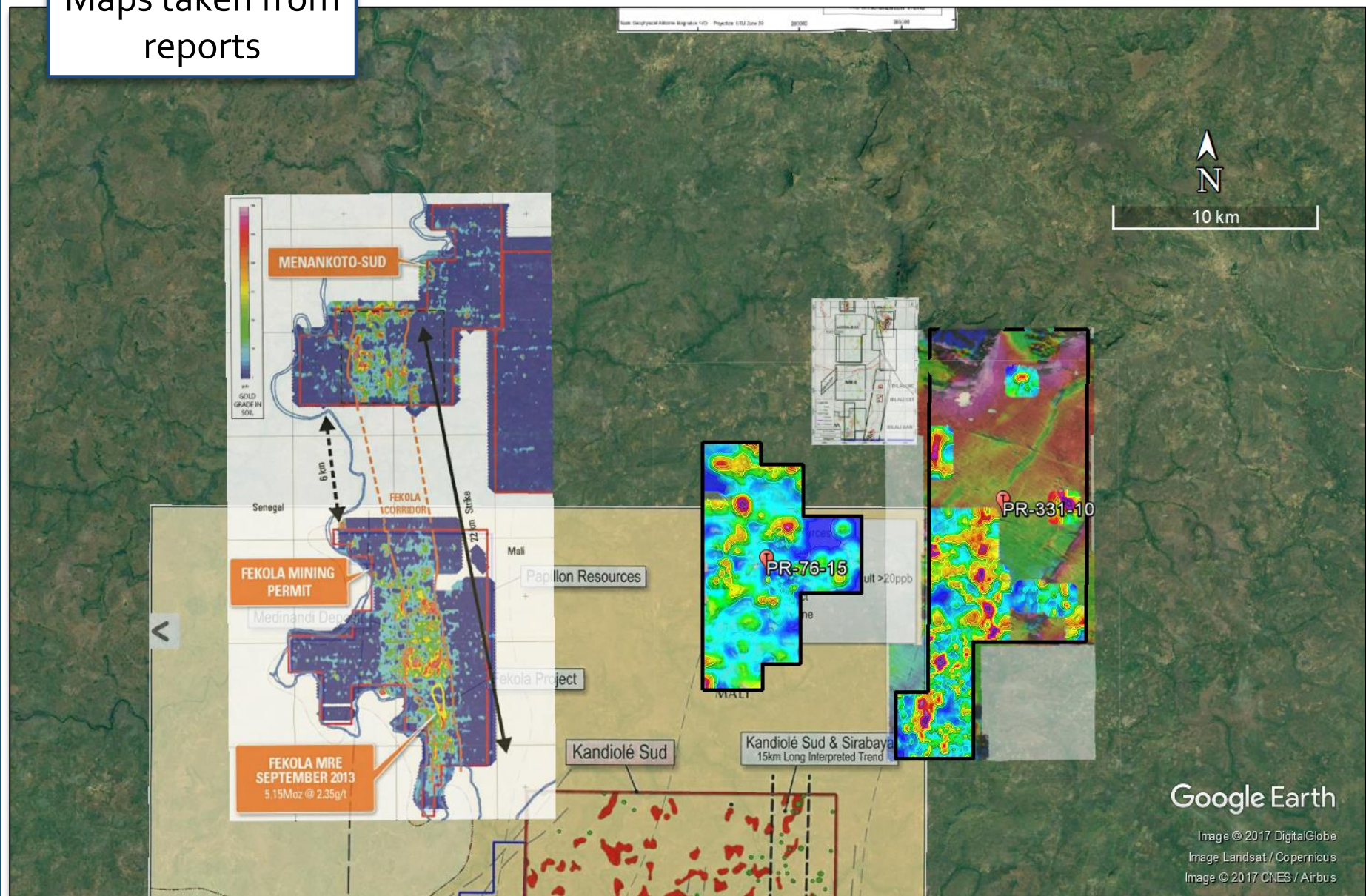






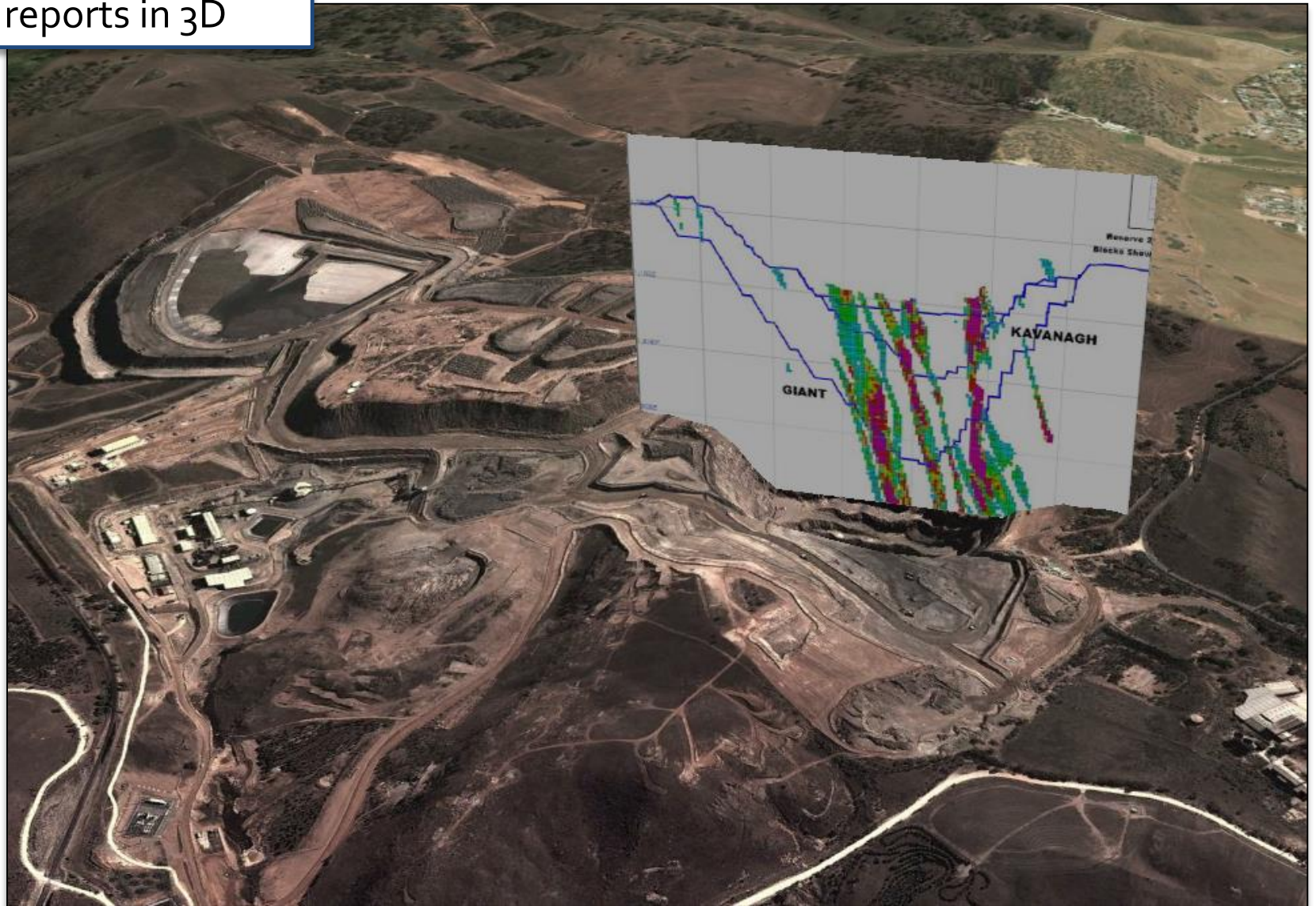


# Maps taken from reports



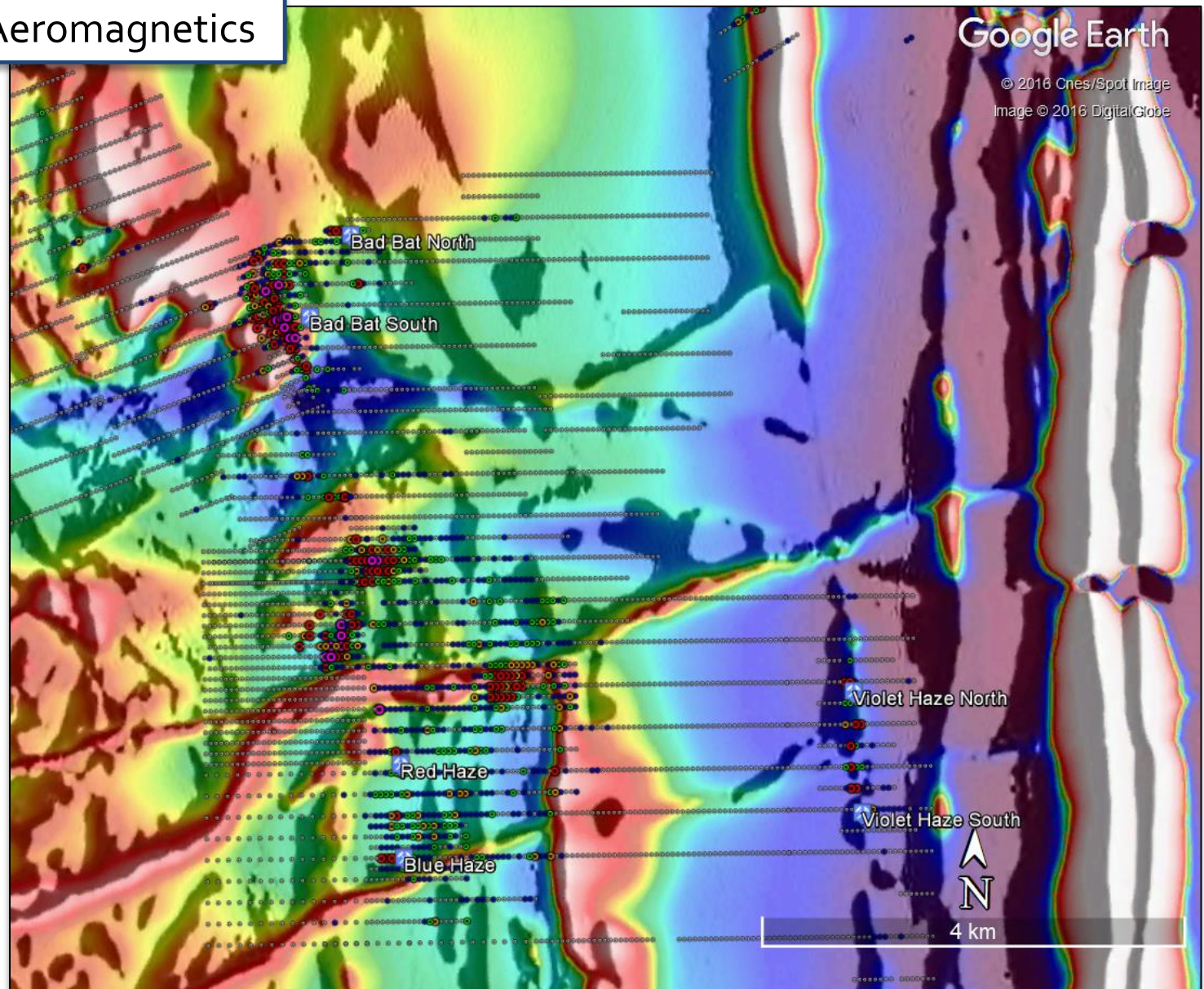


Images taken from  
reports in 3D



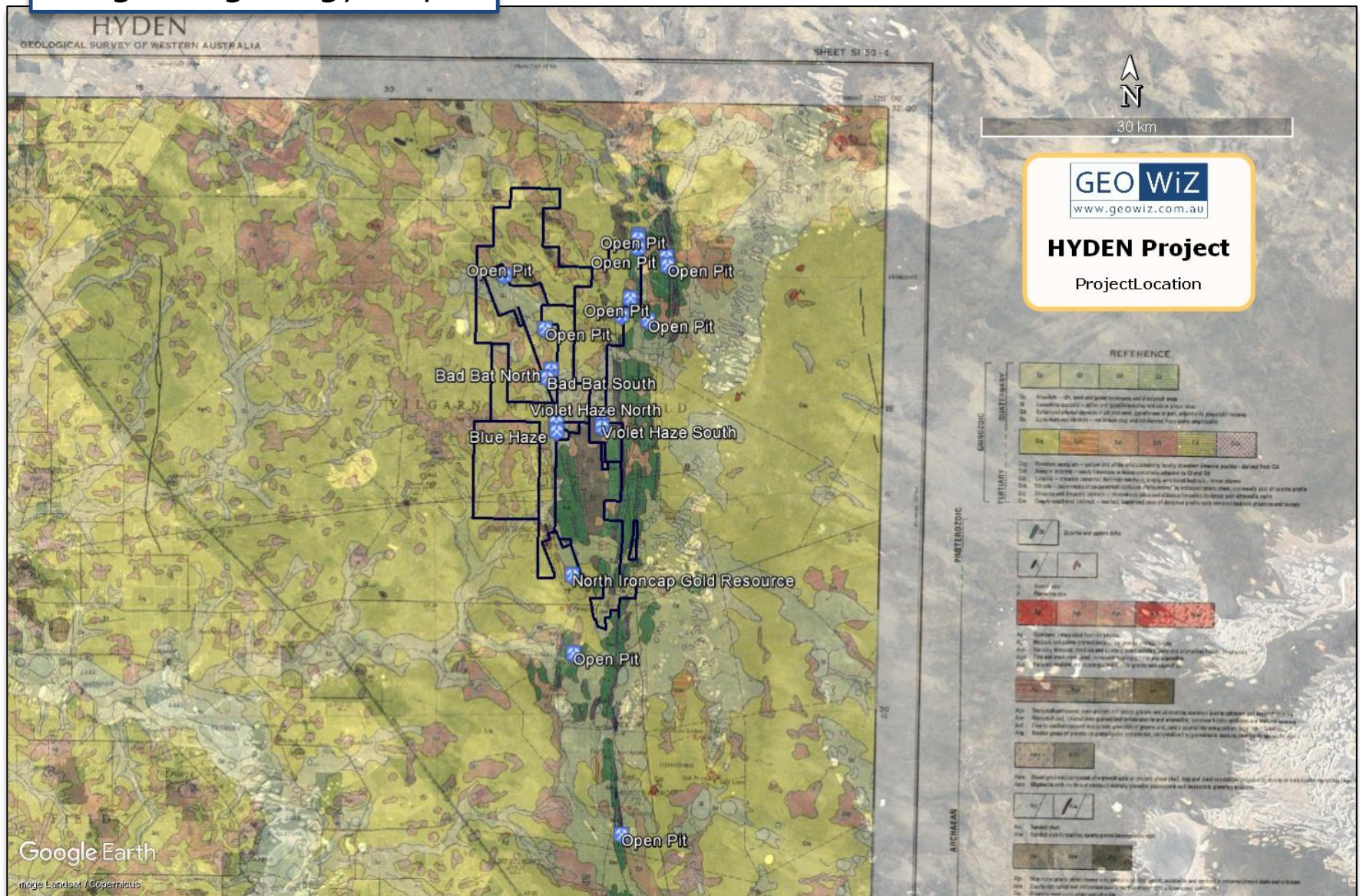


# Regional Aeromagnetics

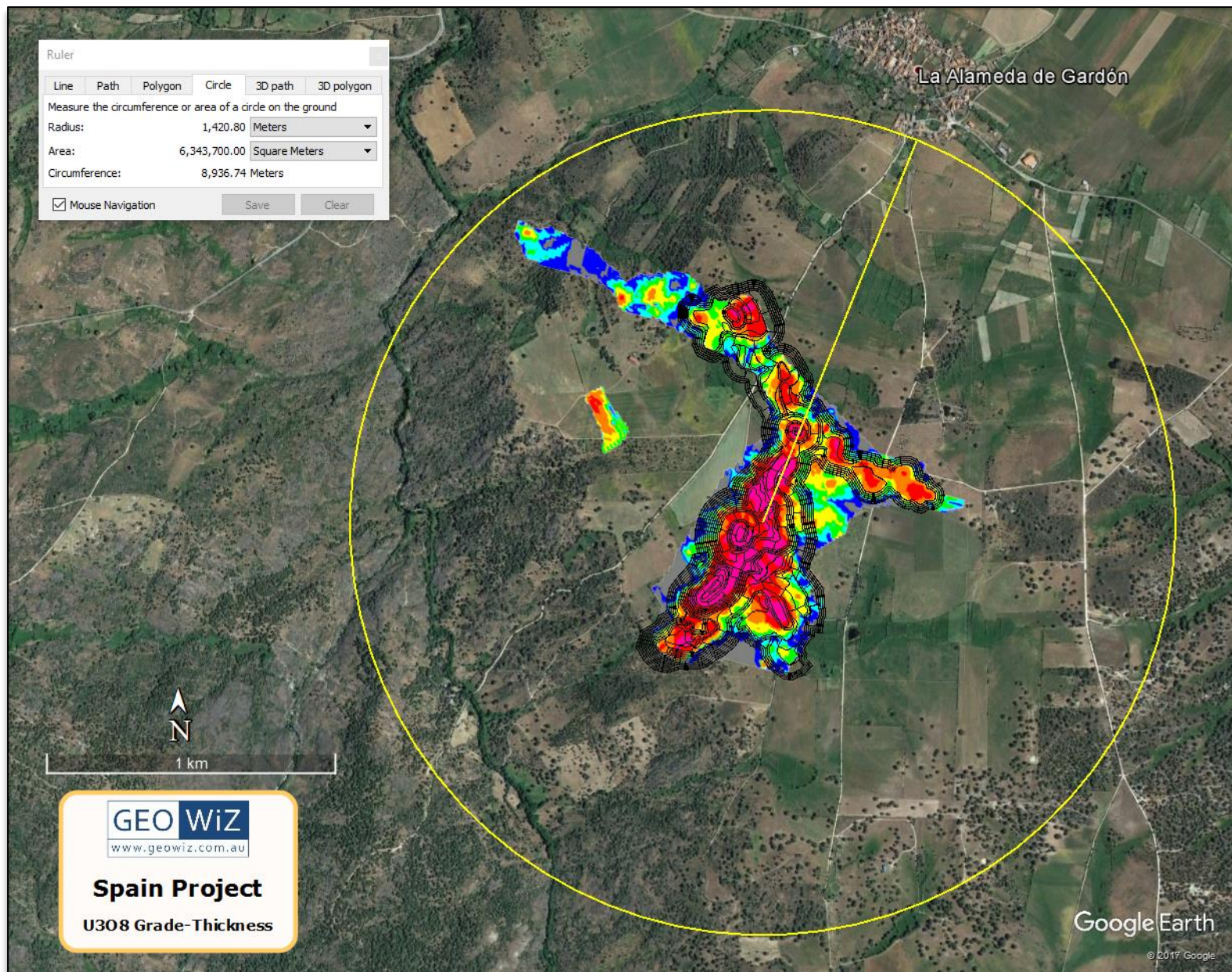




## Regional geology maps







## ***About Us...***

*GEOWiZ Consulting* is a boutique IT consultancy based in Sydney specialising in developing geospatial solutions to various industries.

*GEOWiZ Consulting* has developed a number of in-house applications and services for the real estate and accommodation industry including the ***PlaceMap*** system.

*GEOWiZ Consulting* aims to work closely with its client base provide a 360 degree service that generates opportunity and efficiencies at all levels of business, including strategy, marketing and sales with the vision of contributing to generating higher revenues and improved cash flows.





# PlaceMap

GEOWiZ Consulting

For more information contact:

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