

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 the tabs is a navigation bar with 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 'Punitaqui' dropdown menu. Another callout box labeled 'Select Prospect' points to the 'DALMACIA' dropdown menu. A third callout box labeled 'Select Type' points to the 'EXPLORACION' dropdown menu, which is currently open and showing a list of options: 'Agri', 'Anomaly Map', 'Drilling', 'Exploitation', 'EXPLORACION', 'Exploration', 'EXPLORACION' (highlighted), 'EXPLORACION (arriendo)', and 'Feature Vector Plot'. Below the dropdowns is a table with columns: 'No', 'Place Name', 'Place Collection', 'Place Type', 'Date Entered', 'Delete', 'Edit', and 'Remove'. There are also buttons for 'Clear All' and 'Select by Group'. At the bottom, there is a 'Download' button and a 'Logout' link.

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](#)

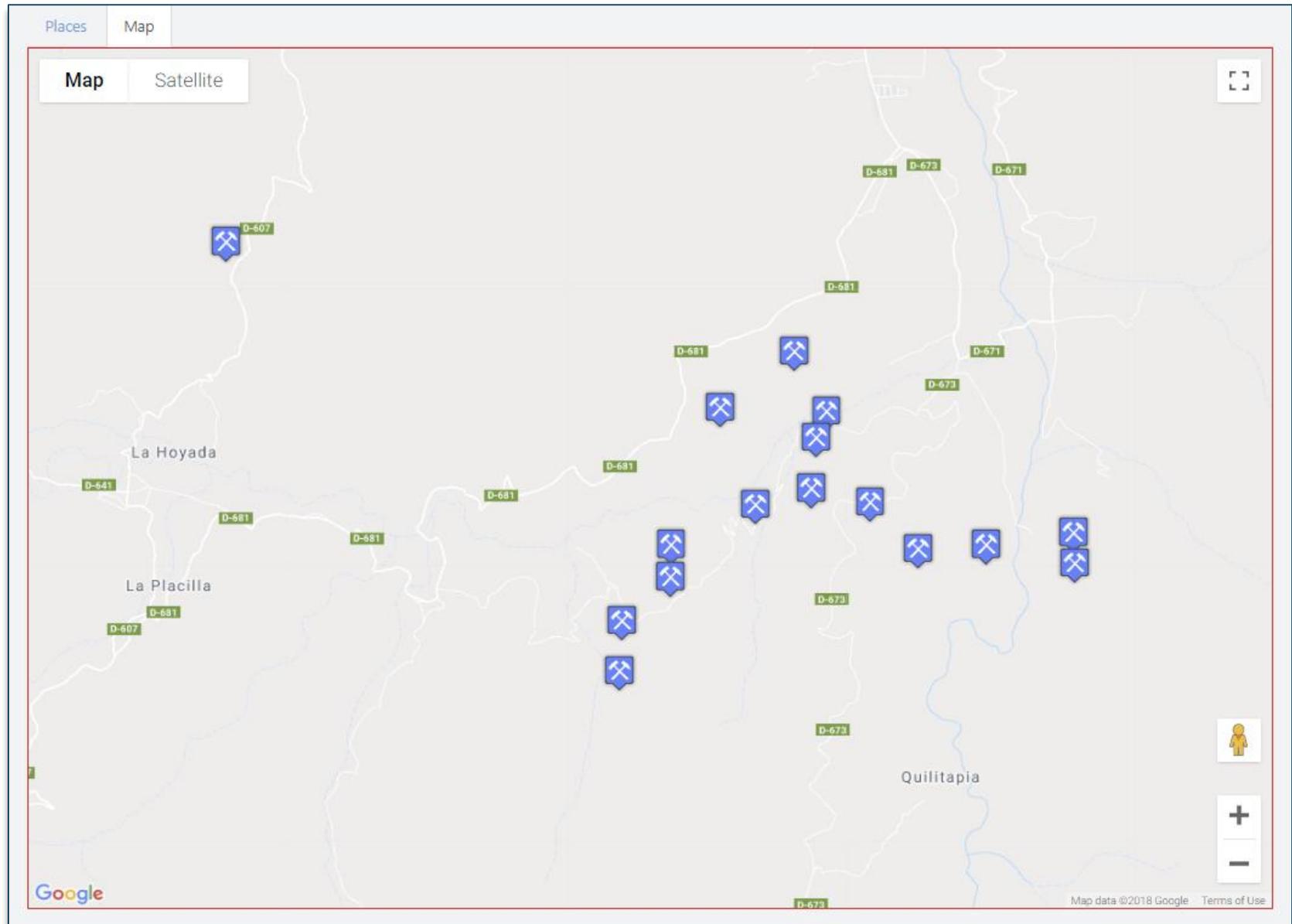
Include Logo No Logo

```
<?xml version="1.0" encoding="UTF-8"?>
<kml xmlns="http://earth.google.com/kml/2.1">
<Document>
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<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>
```

[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.

PlaceMap

- ✓ **DALMACIA**
 - ✓ ARCO IRIS 1 AL 20
 - ✓ DALMACIA 1 AL 20
 - ✓ DALMACIA II 1 AL 62
 - ✓ DALMACIA III A 1 AL 20
 - ✓ DALMACIA III B 1 AL 69
 - ✓ DALMACIA III C 1 AL 26
 - ✓ ALTOS 2A 1 AL 89
 - ✓ ALTOS 4 1 AL 8
 - ✓ ALTOS 1B 1 AL 14
 - ✓ ALTOS 3 1 AL 116
 - ✓ ALTOS 1A 1 AL 4
 - ✓ ALTISIMO 4A 1 AL 9
 - ✓ ALTISIMO 3 1 AL 19
 - ✓ ALTISIMO 1 1 AL 19
 - ✓ ALTISIMO 2 1 AL 89
 - ✓ ALTOS 28 1 AL 28

ALTO DE PUNITAQUI MINERA

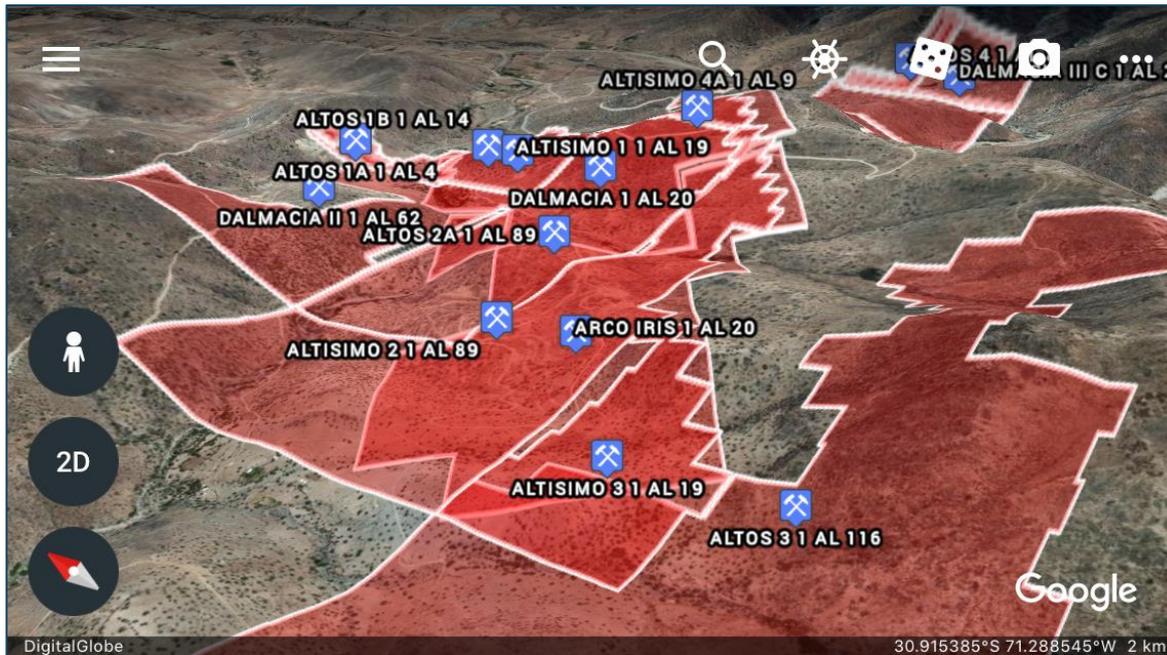
DALMACIA III A 1 AL 20

License No	04204-0986-9
Status	Granted
Size	20
Holder	Xiana Mining
Project	DALMACIA
Type	EXPLORACION

PlaceMap - www.placemap.com

Google Earth
Image © 2018 DigitalGlobe

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

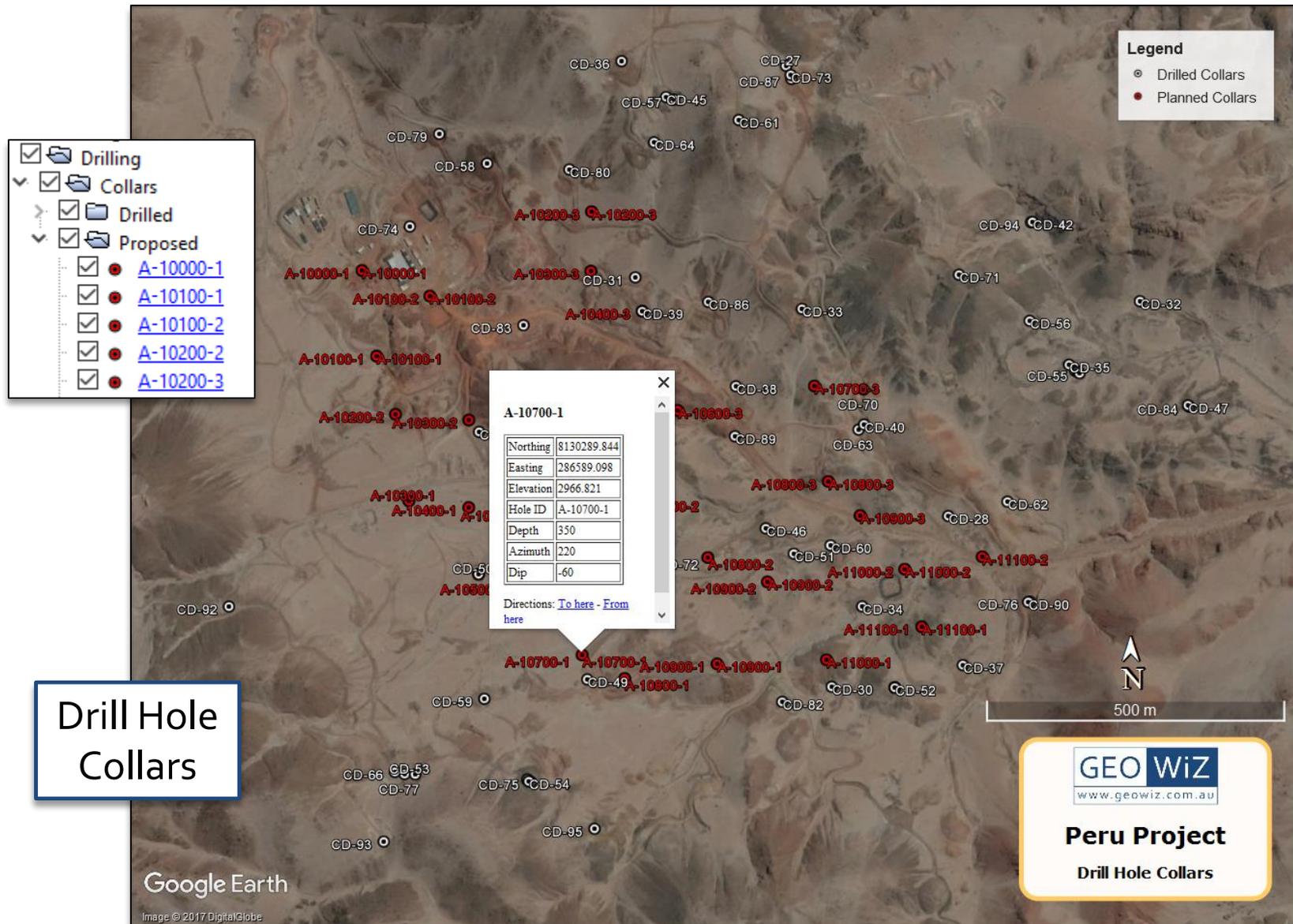
↑

ALTOS DE
PUNITAQUI
MINERA

ARCO IRIS 1 AL 20

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

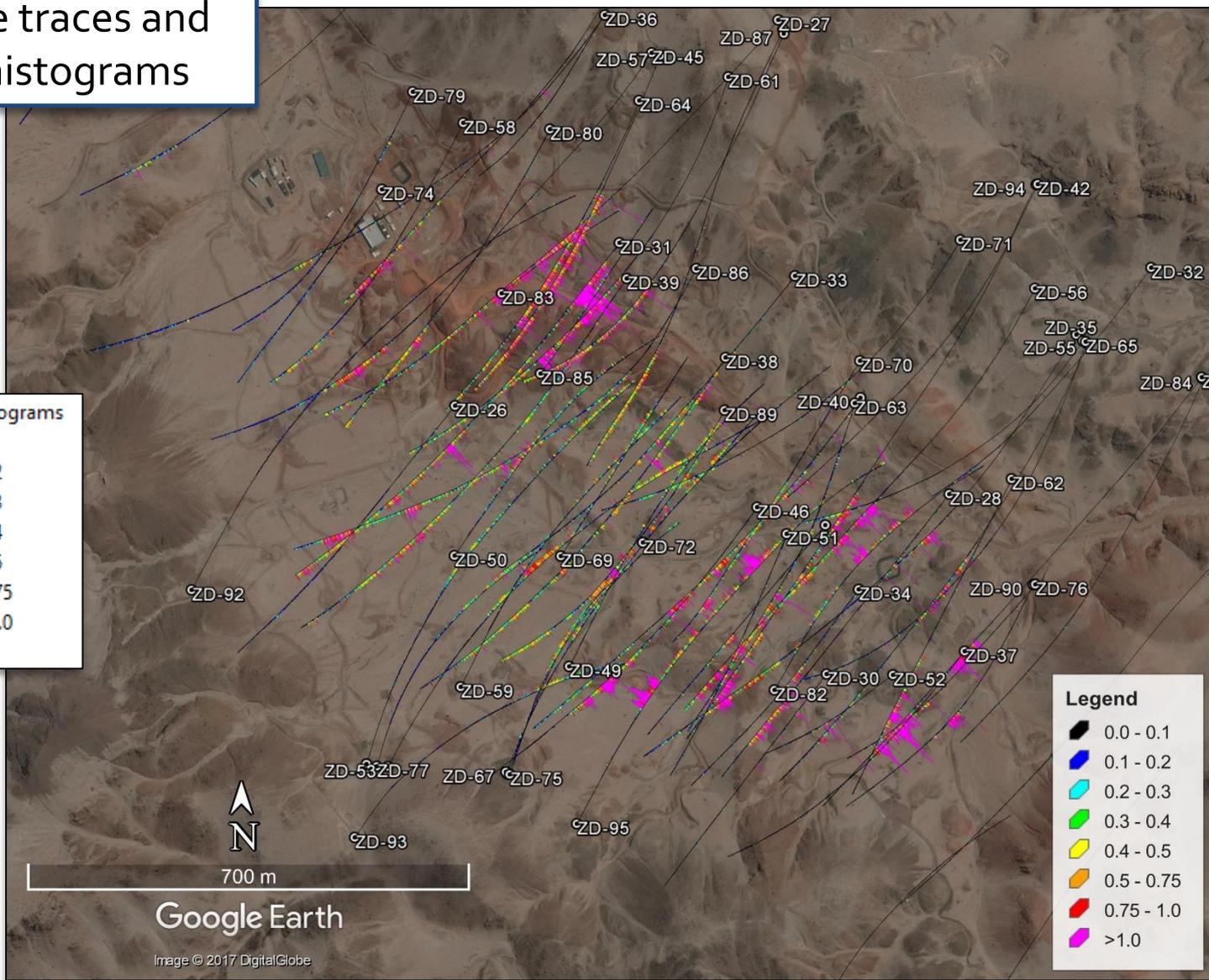
Examples of other data that can be displayed in Google Earth



Drill Hole Collars

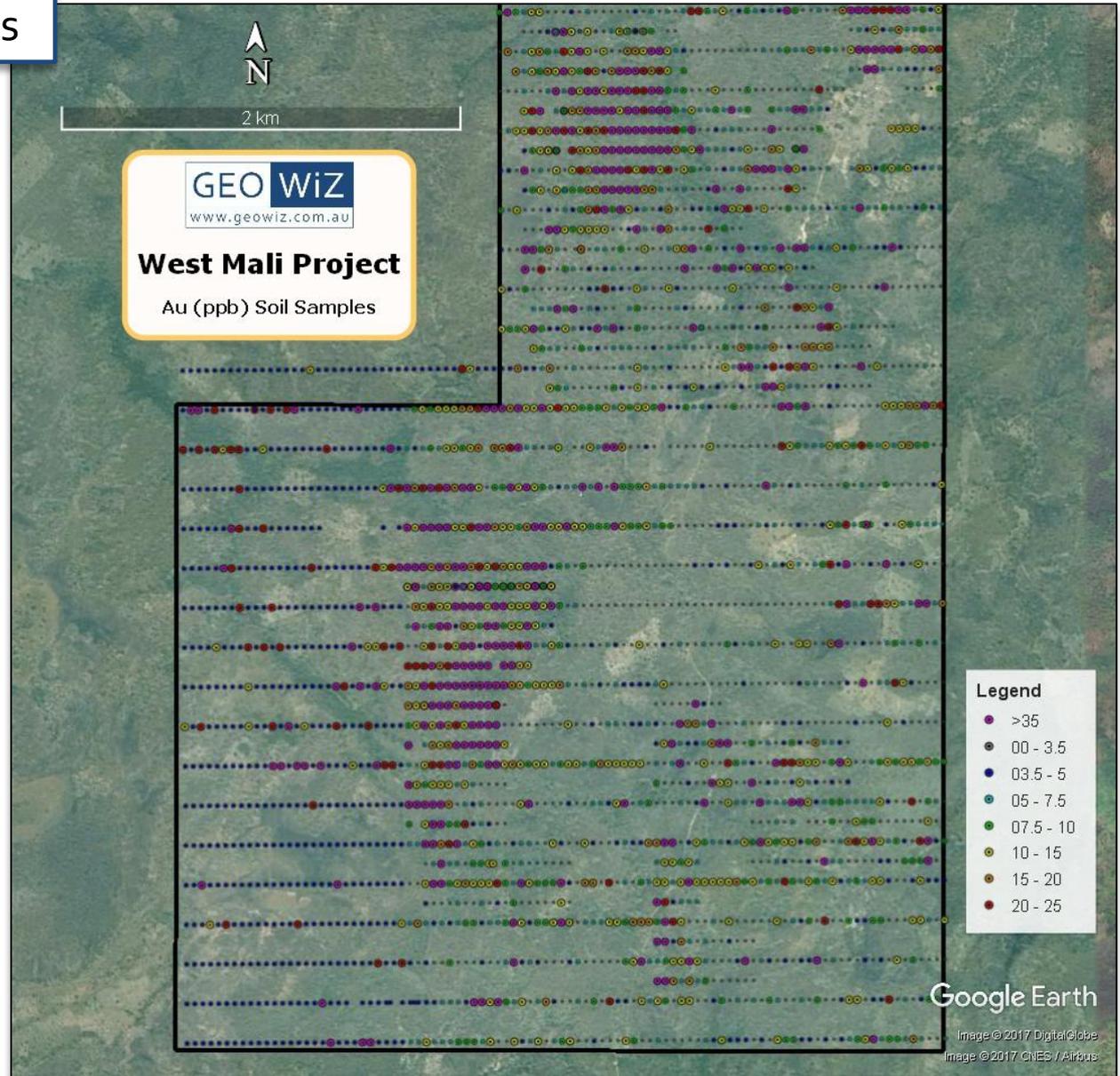
Drill hole traces and grade histograms

- 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

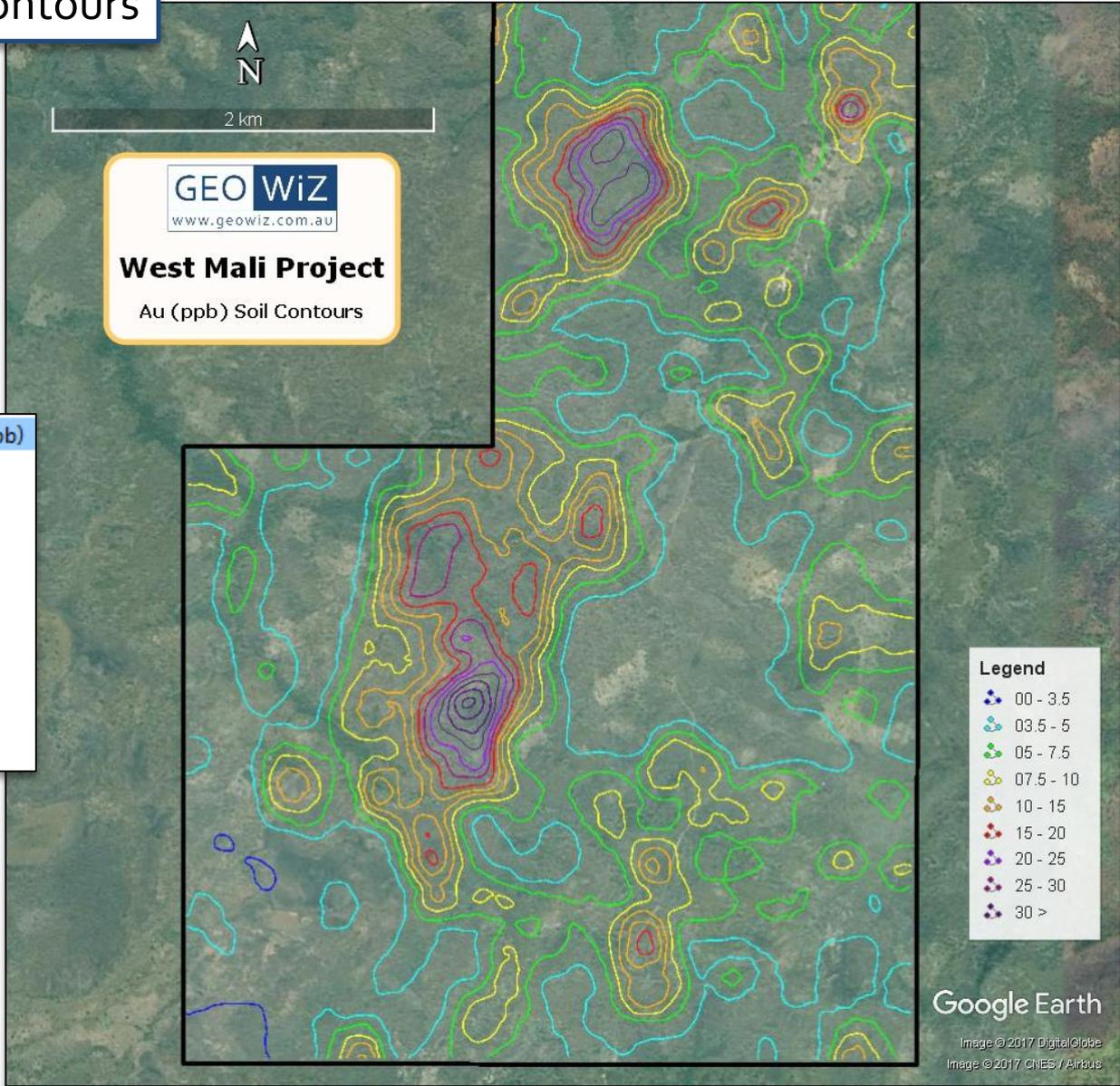


Soil geochem values

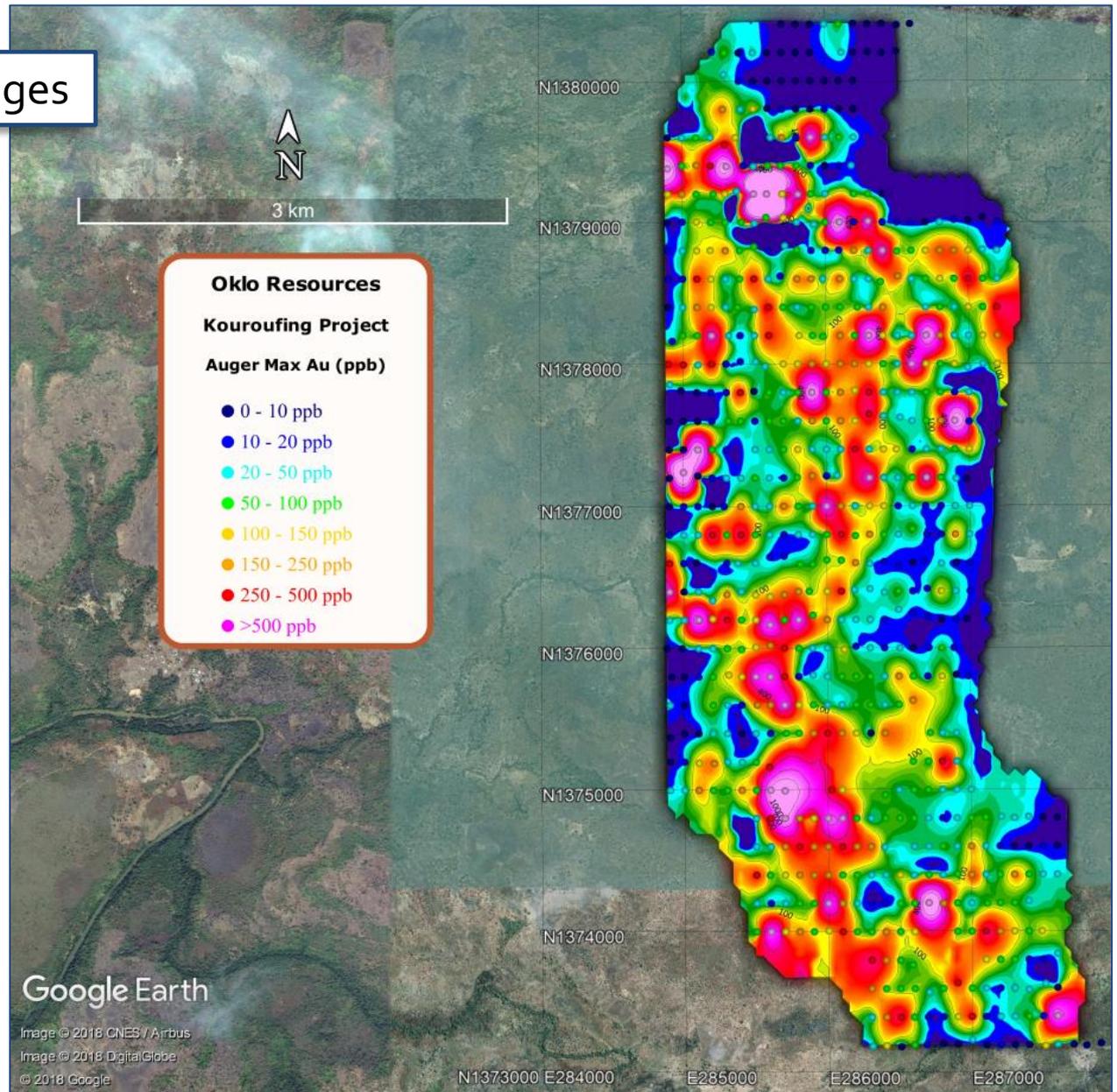
- Soils - Au (ppb)
- 0 - 3.5
- 3.5 - 5
- 5 - 7.5
- 7.5 - 10
- 10 - 15
- 15 - 20
- 20 - 25
- >25



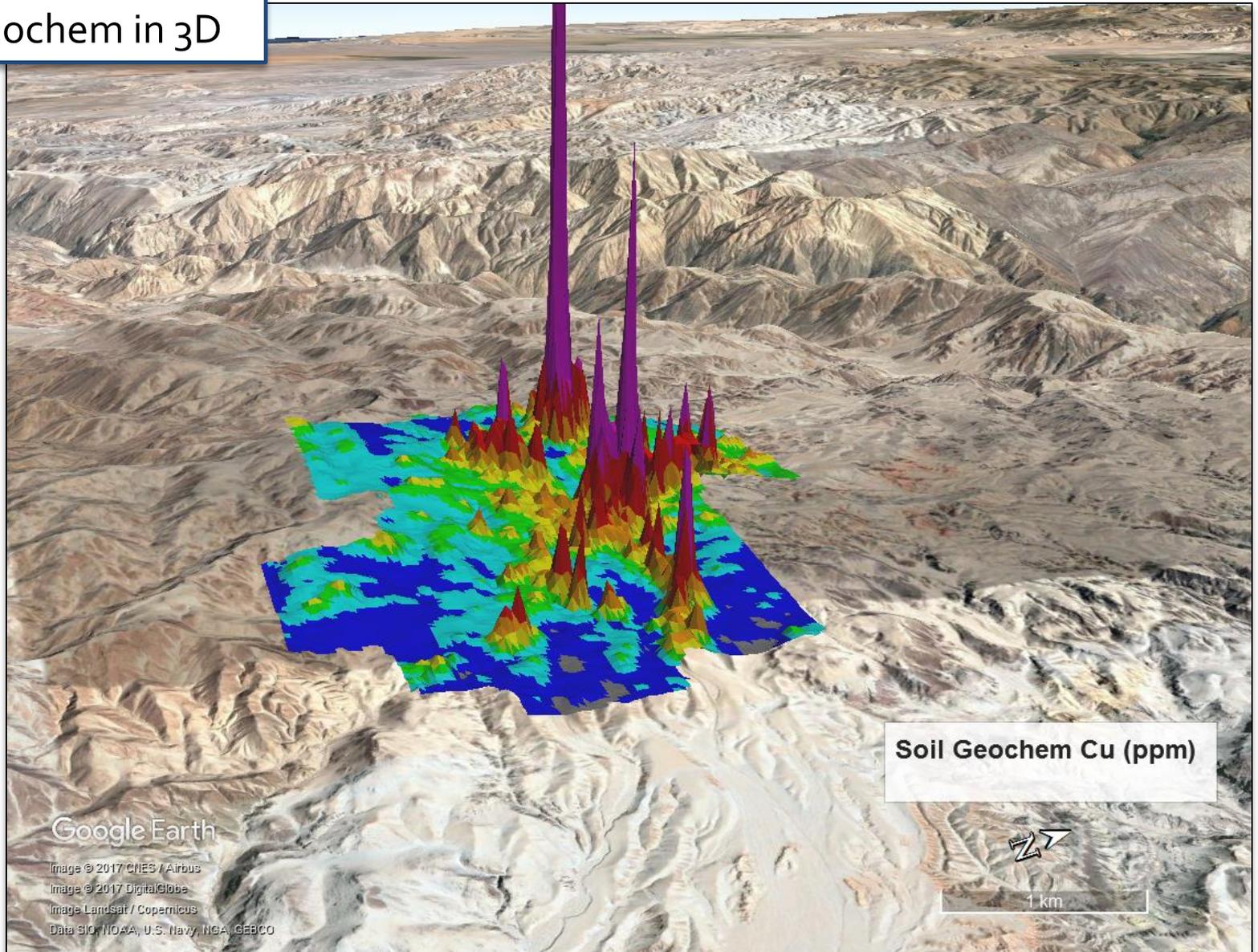
Soil geochem contours



Soil geochem images

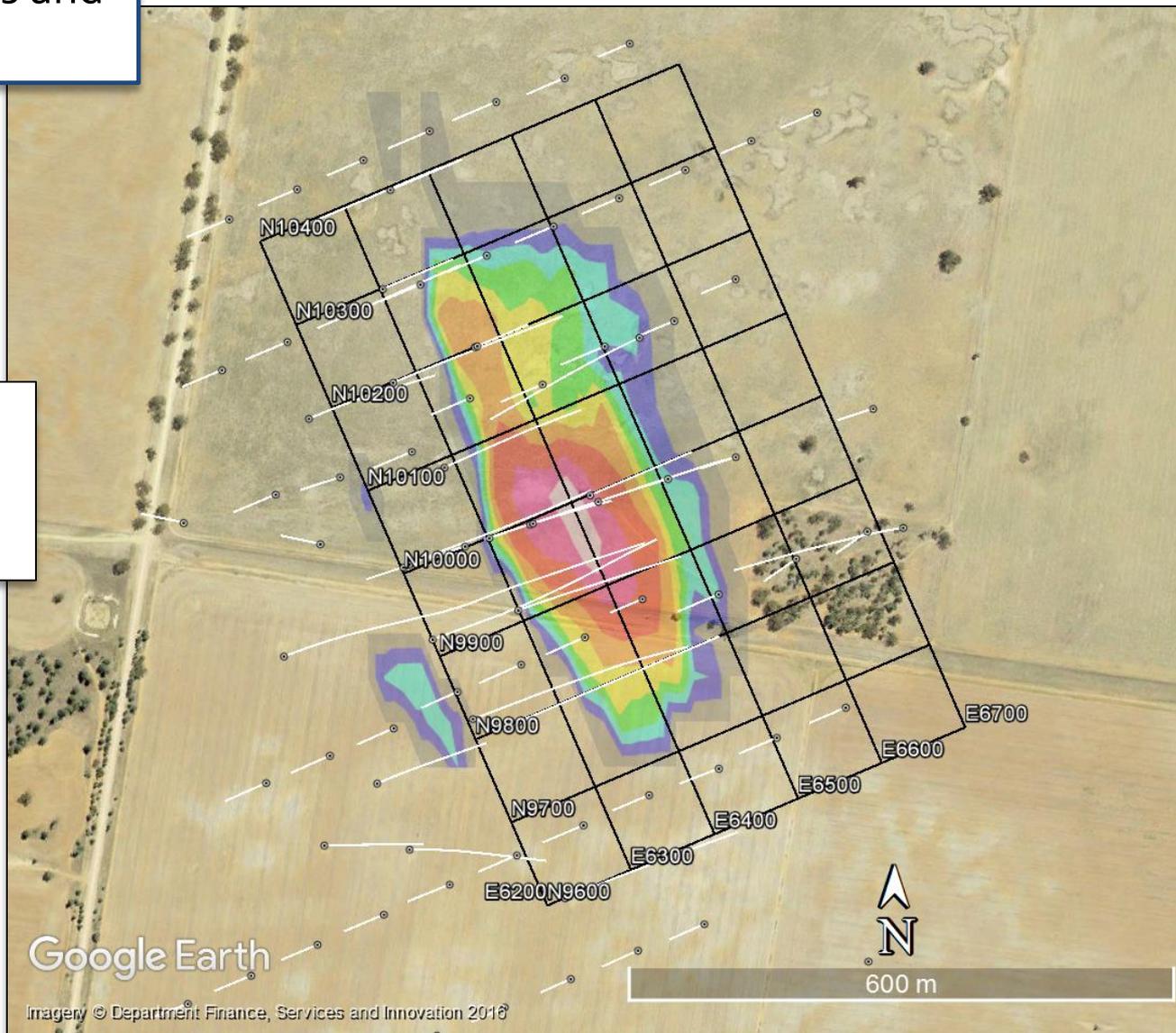


Soil geochem in 3D



Local grid lines and labels

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

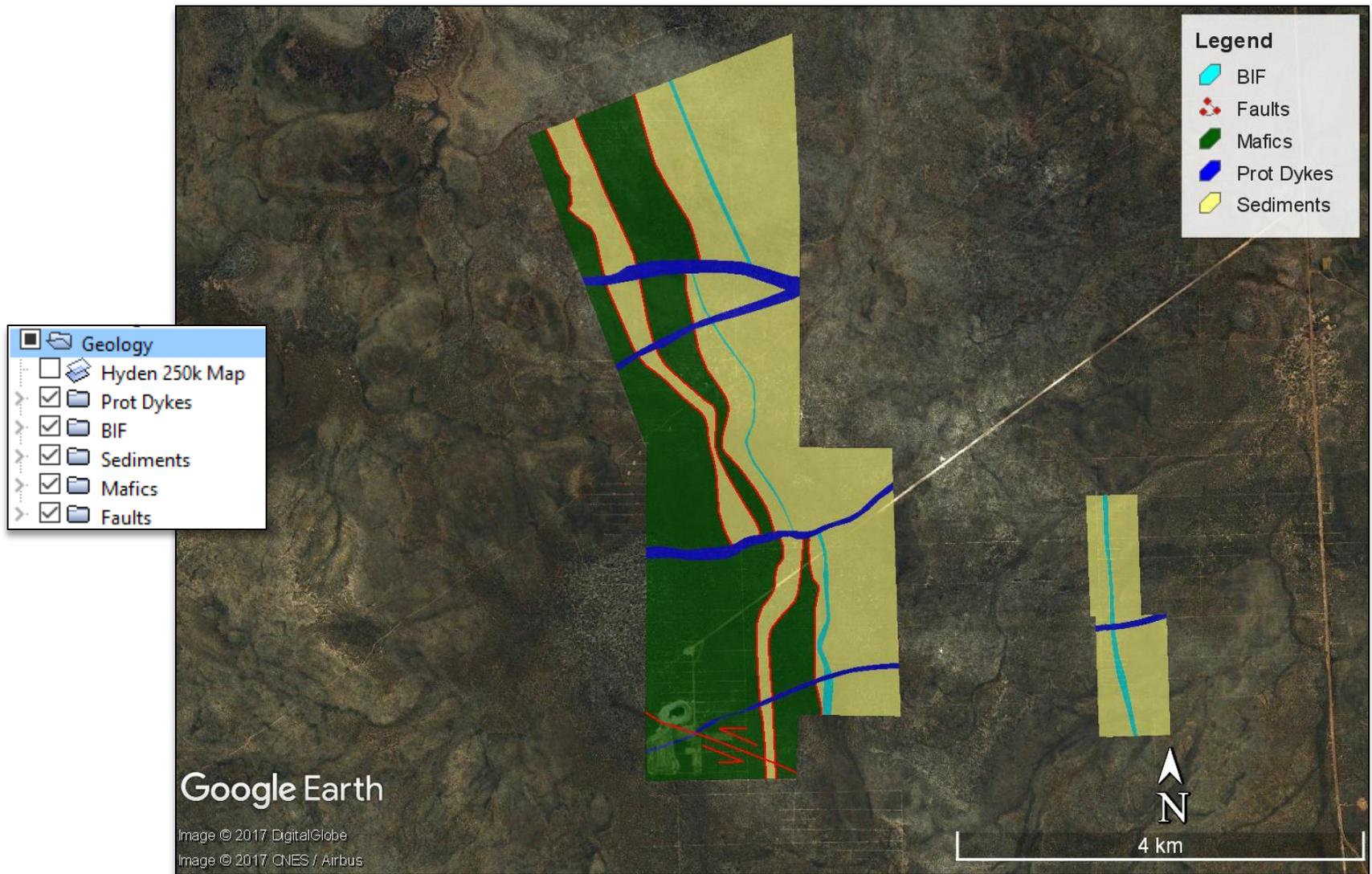


Google Earth

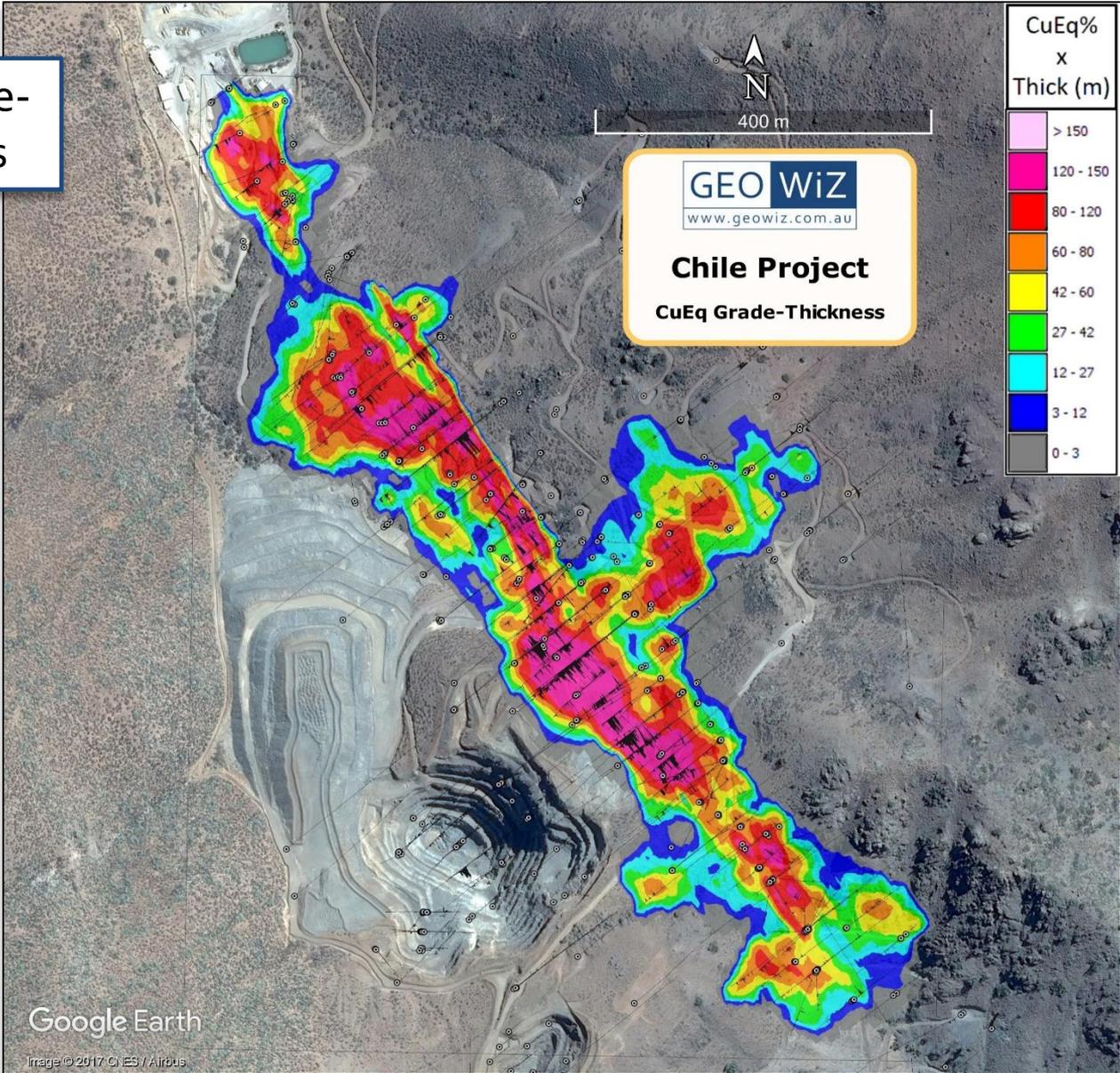
Imagery © Department Finance, Services and Innovation 2016



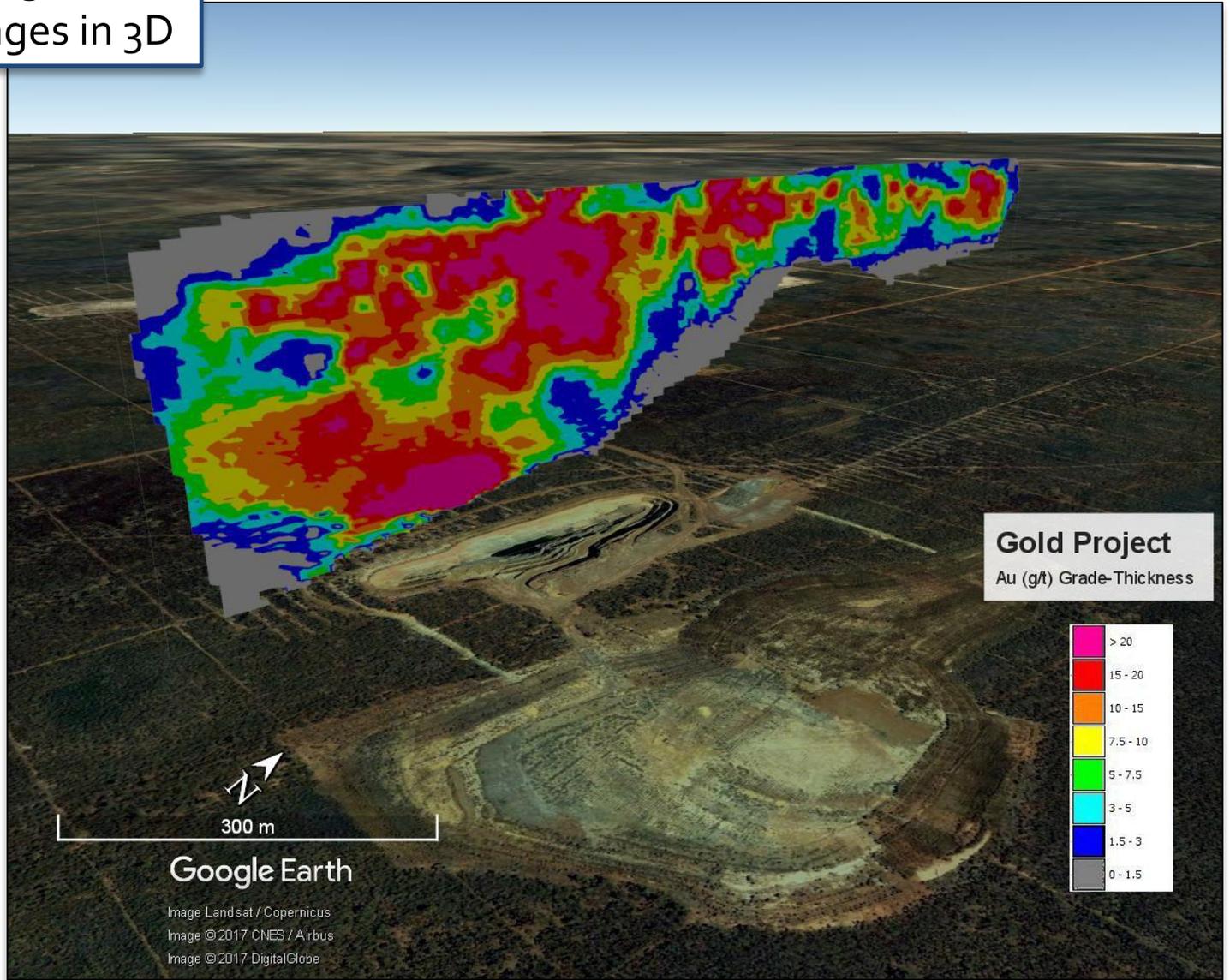
Geology polygons



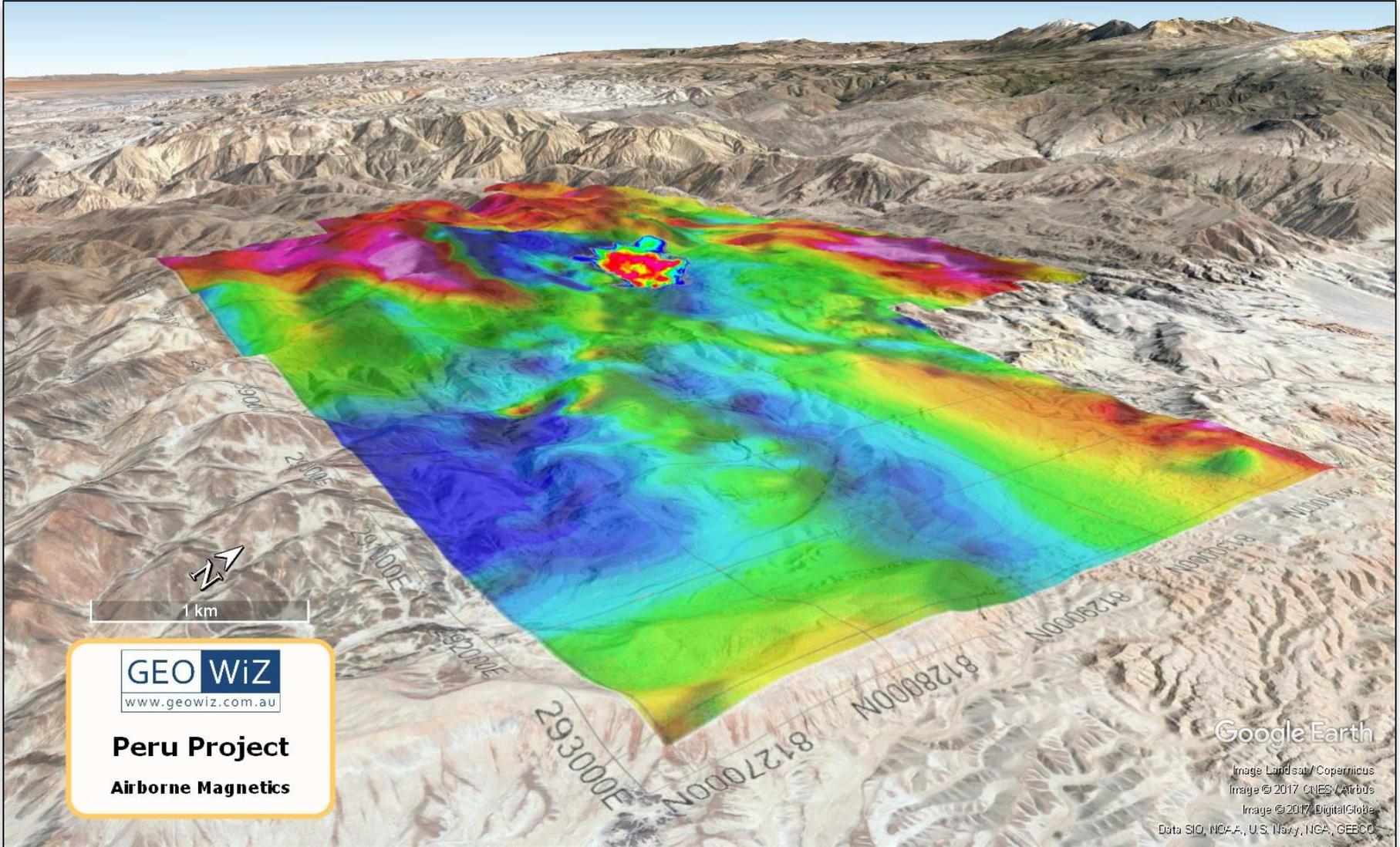
Block model grade-thickness images



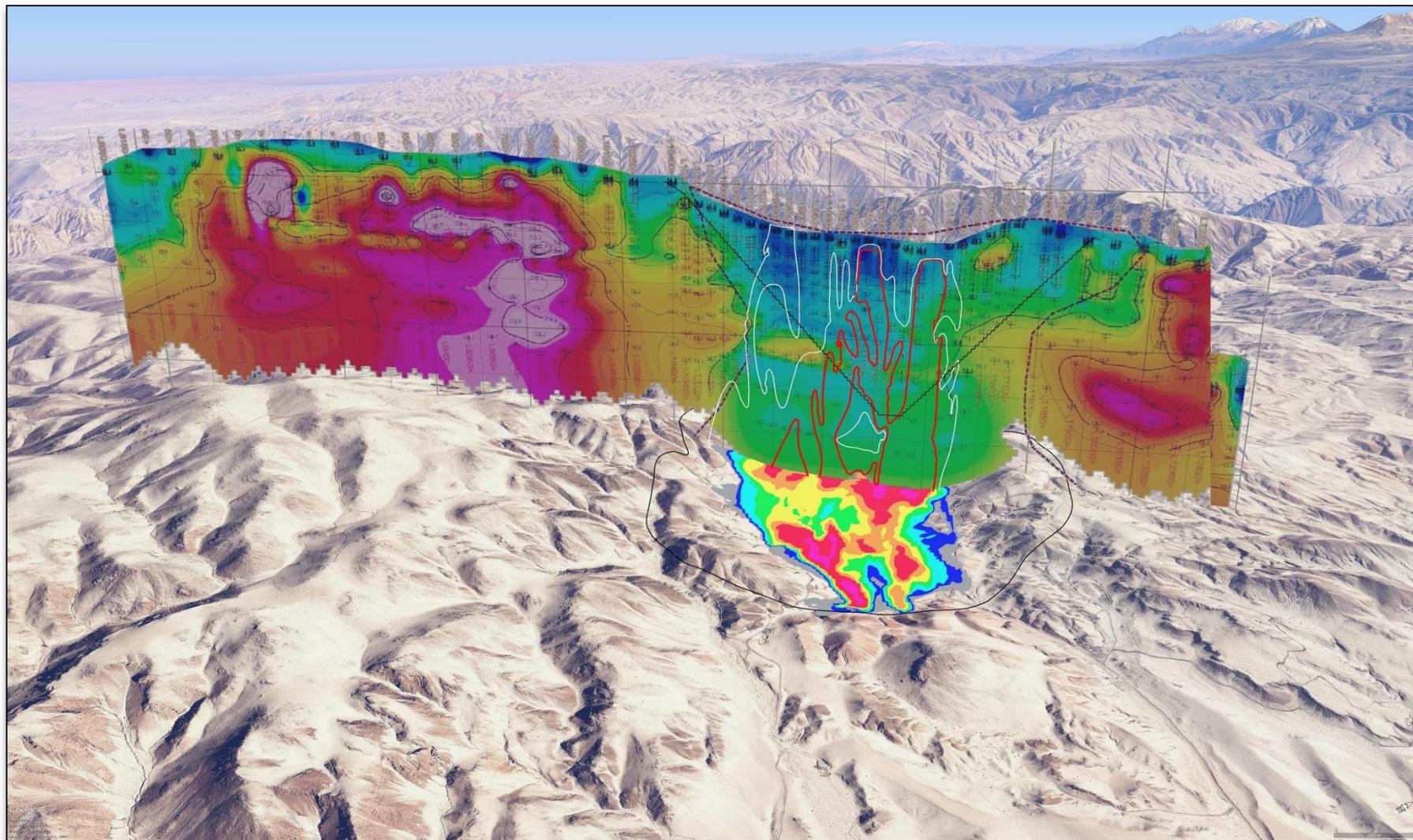
Block model grade-thickness images in 3D



Geophysics



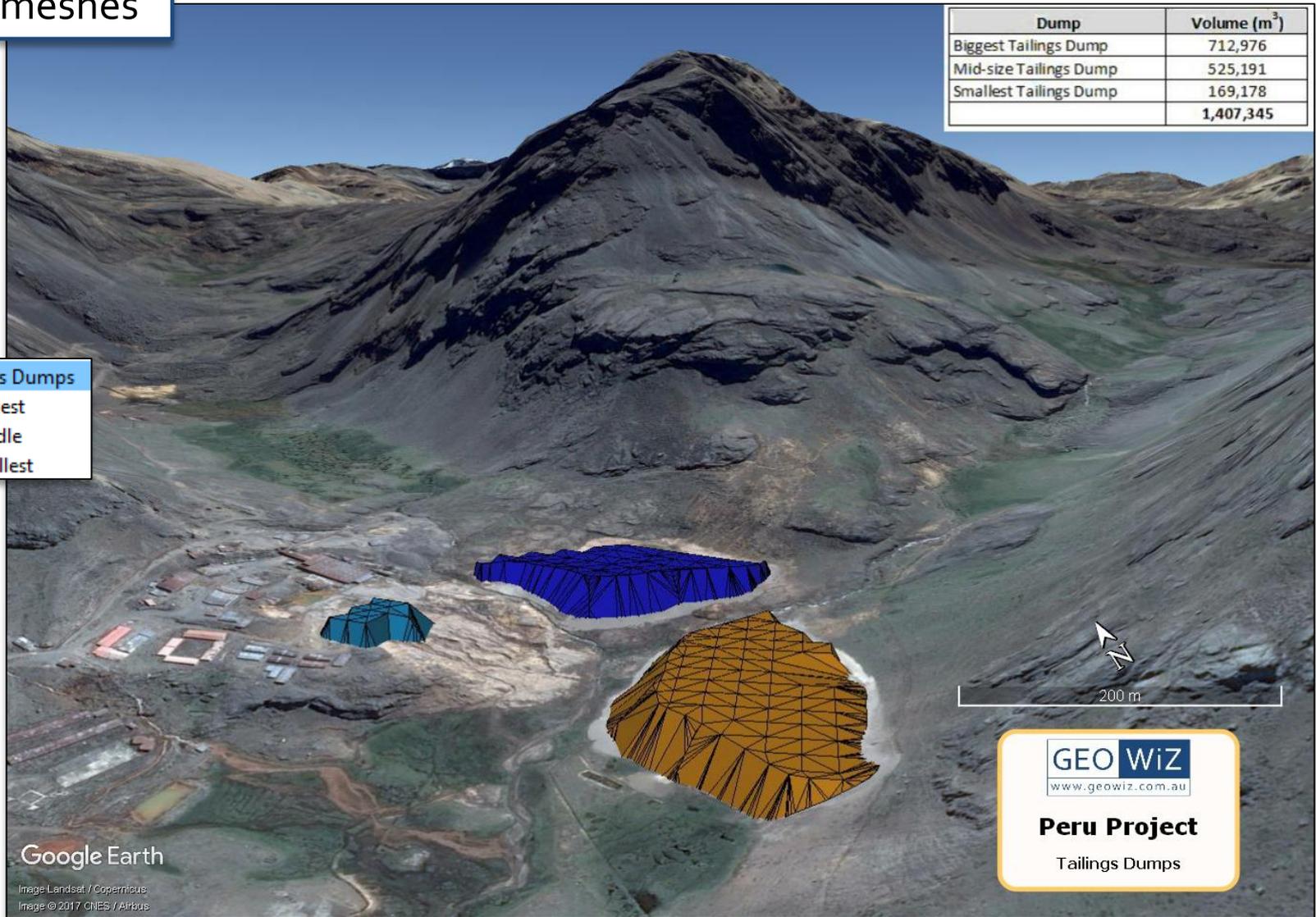
Geophysics in 3D



3D meshes

Dump	Volume (m ³)
Biggest Tailings Dump	712,976
Mid-size Tailings Dump	525,191
Smallest Tailings Dump	169,178
	1,407,345

- ✓ Tailings Dumps
 - ✓ Biggest
 - ✓ Middle
 - ✓ Smallest



Google Earth

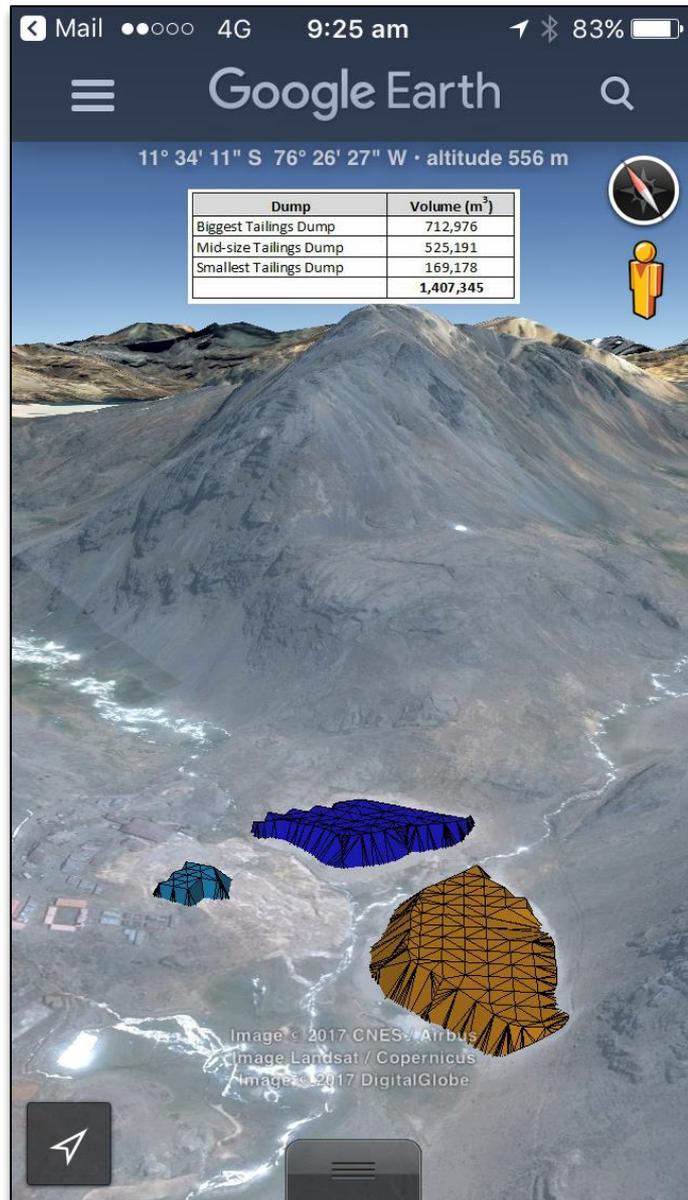
Image Landsat / Copernicus
Image © 2017 CNES / Airbus

GEO WIZ
www.geowiz.com.au

Peru Project

Tailings Dumps

3D meshes on your mobile phone



N6598400

N6598300

N6598200

N6598100

N6598000

N6597900

N6597800

E340200

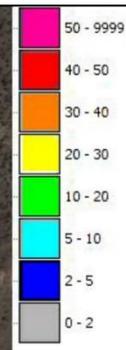
E340300

E340400

E340500

E340600

E340700

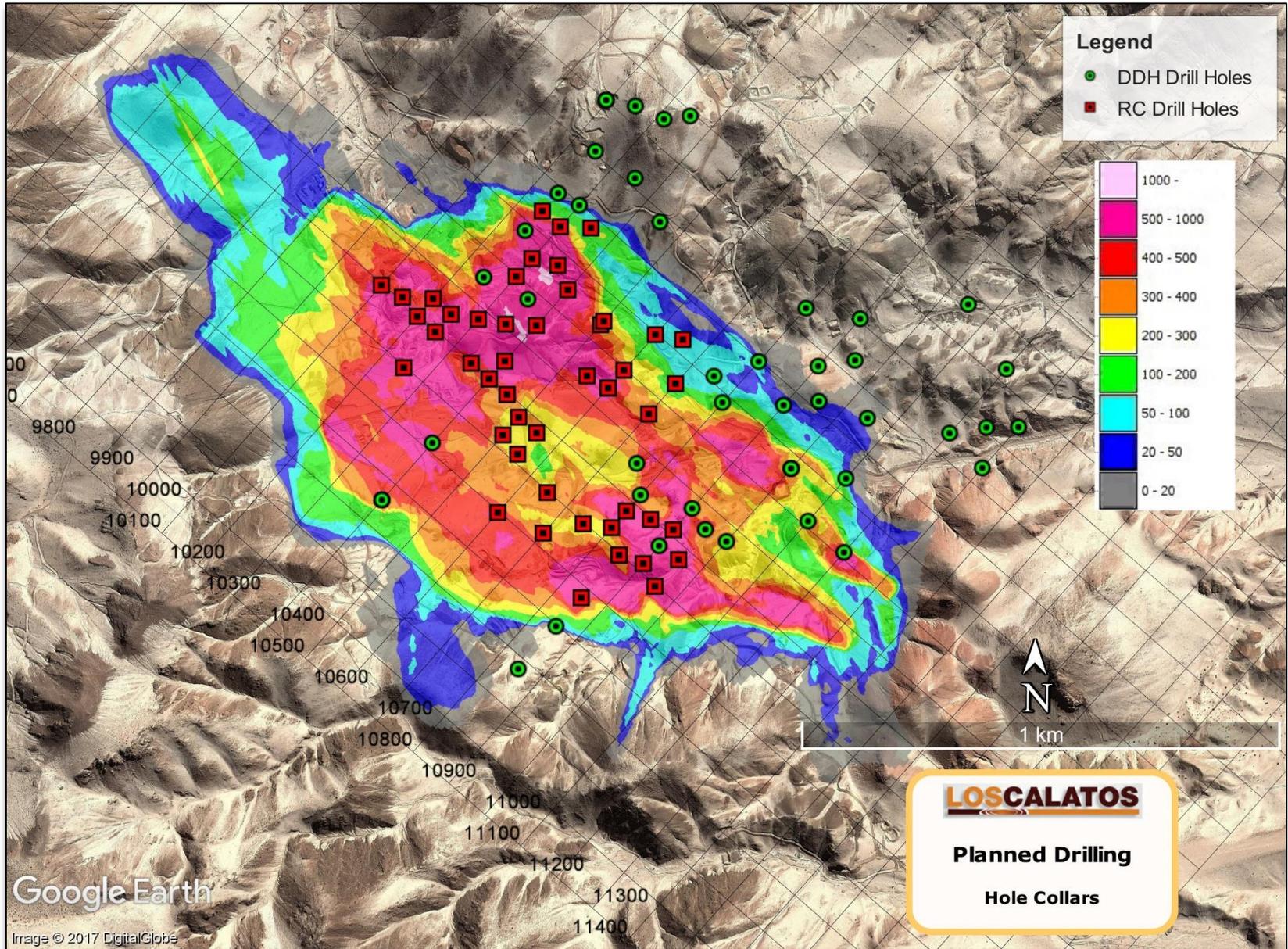


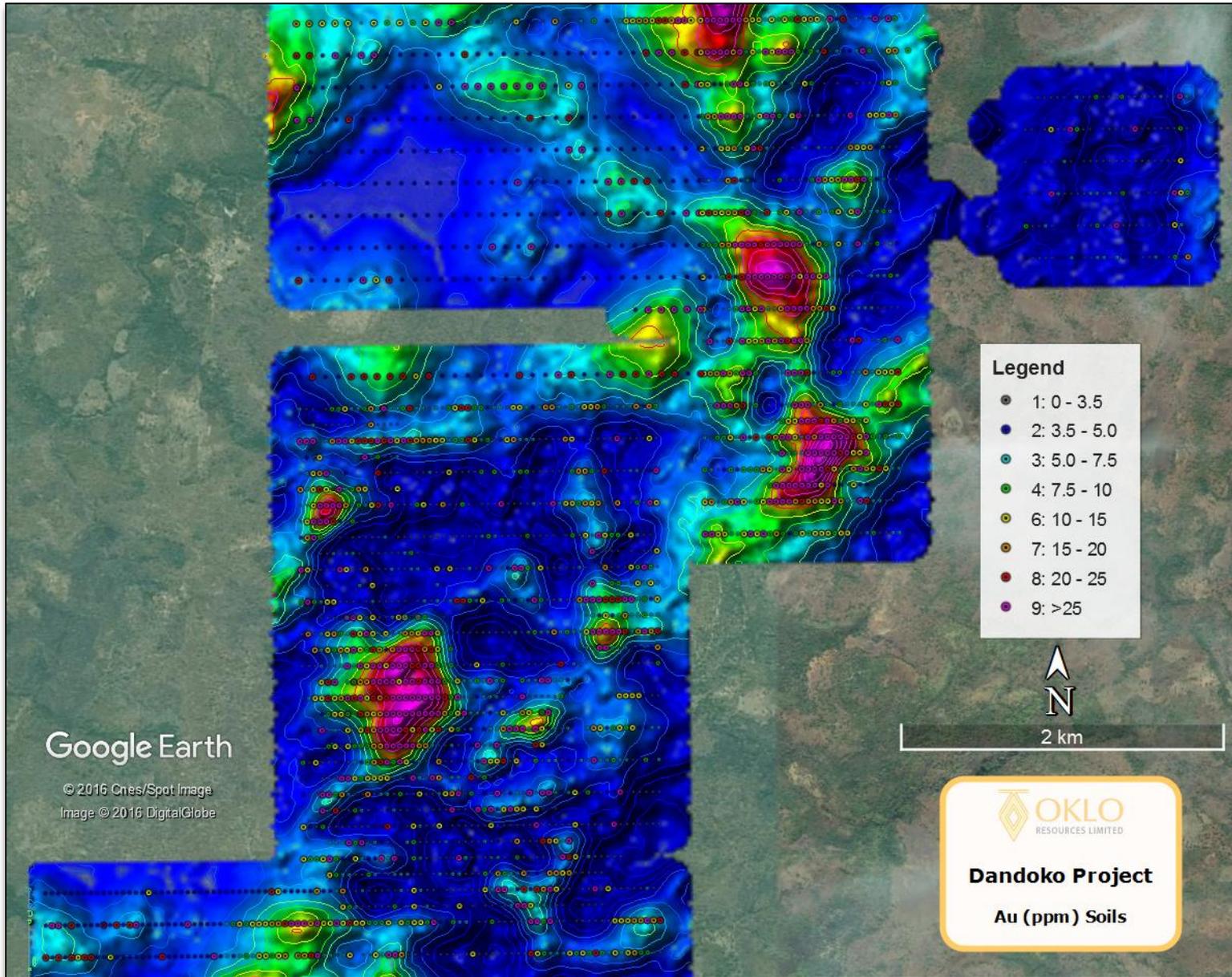
- Drilling
 - Cu Histogram
 - Hole Traces
 - Hole Collars
- Easements
- Fields
- Geochem
- Geology
- GT
- Grade-Thickness Contours
- Grid
 - Grid Labels
 - Grid Lines

Google Earth

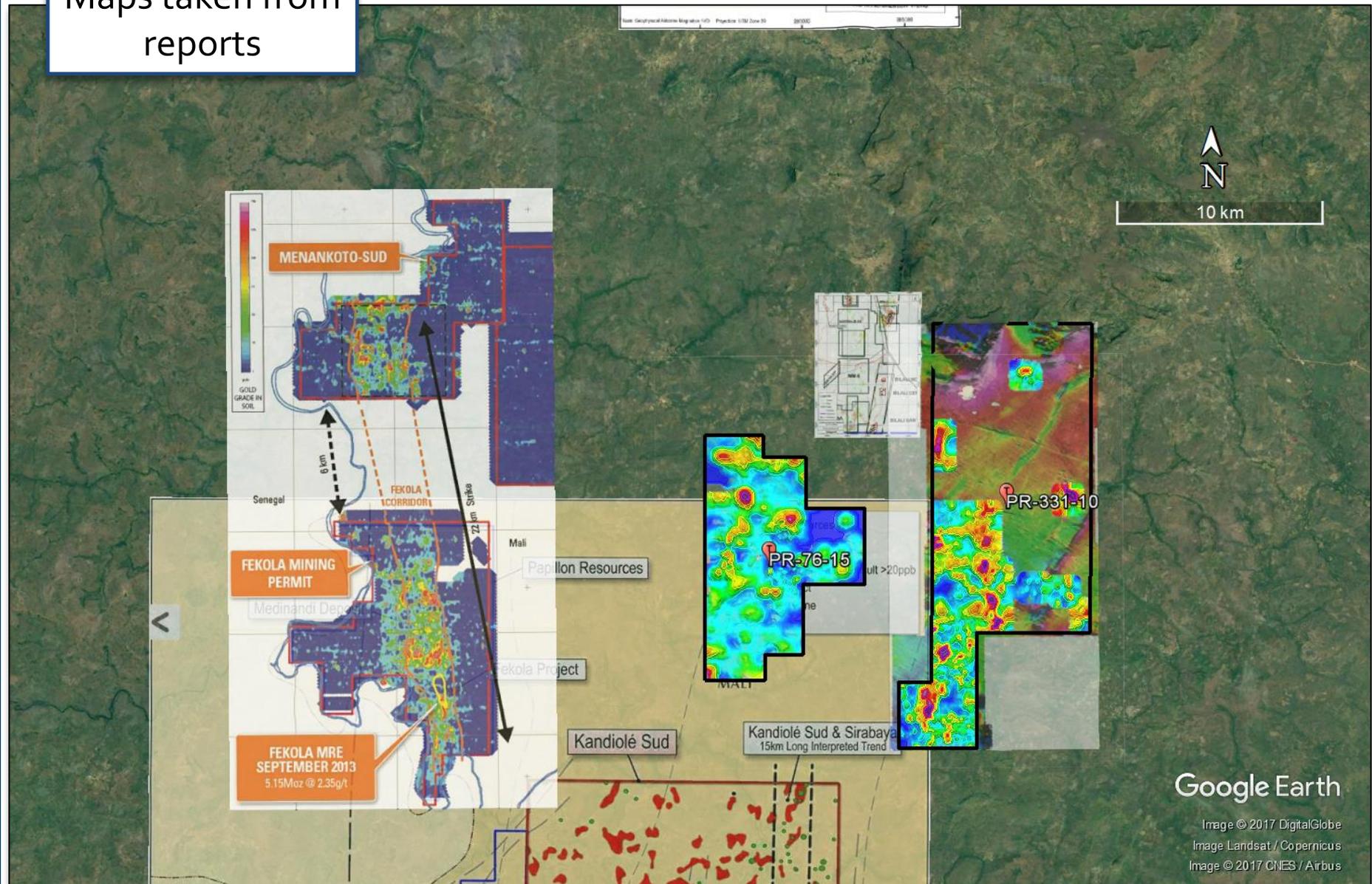
Image © 2016 CNES / Astrium



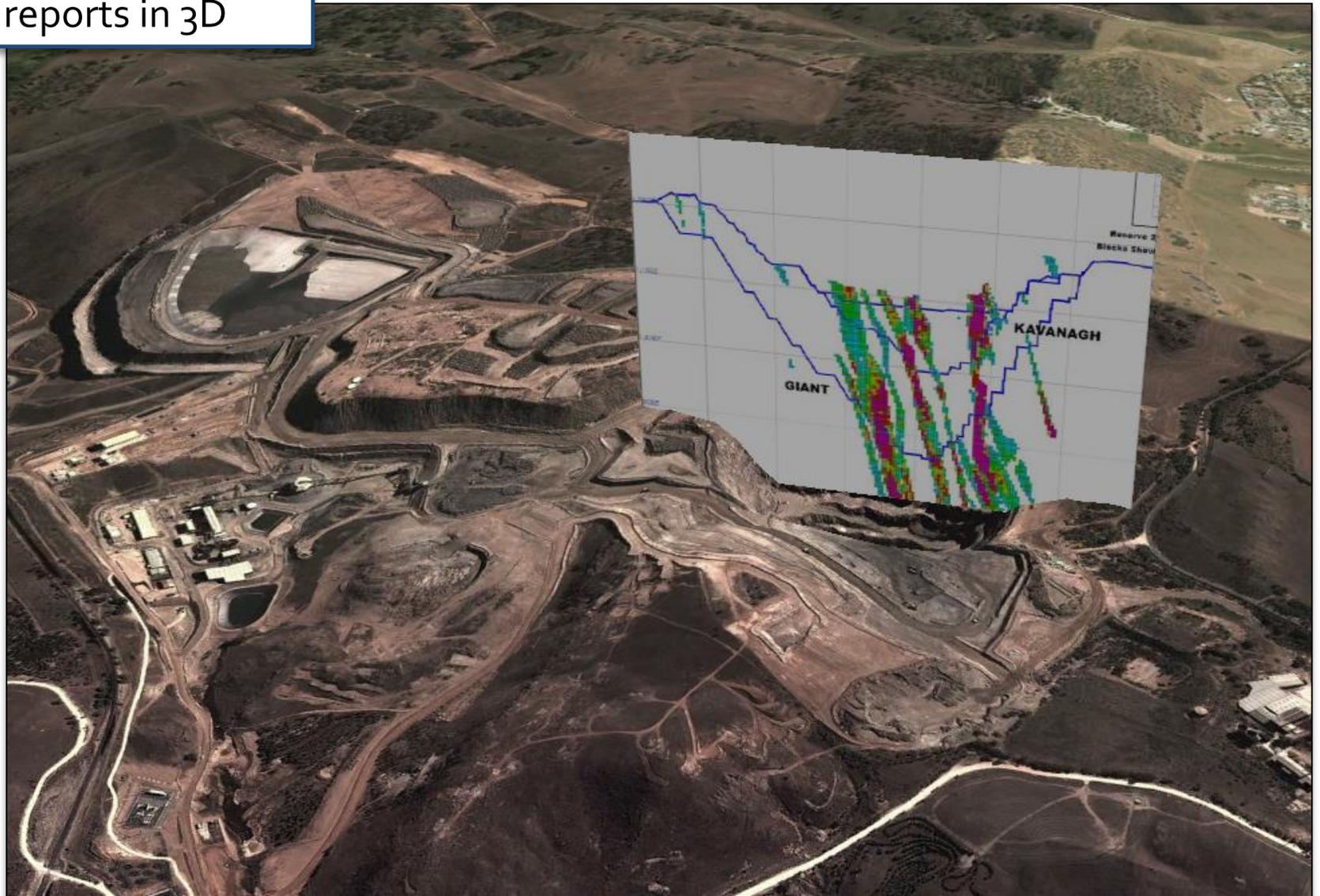




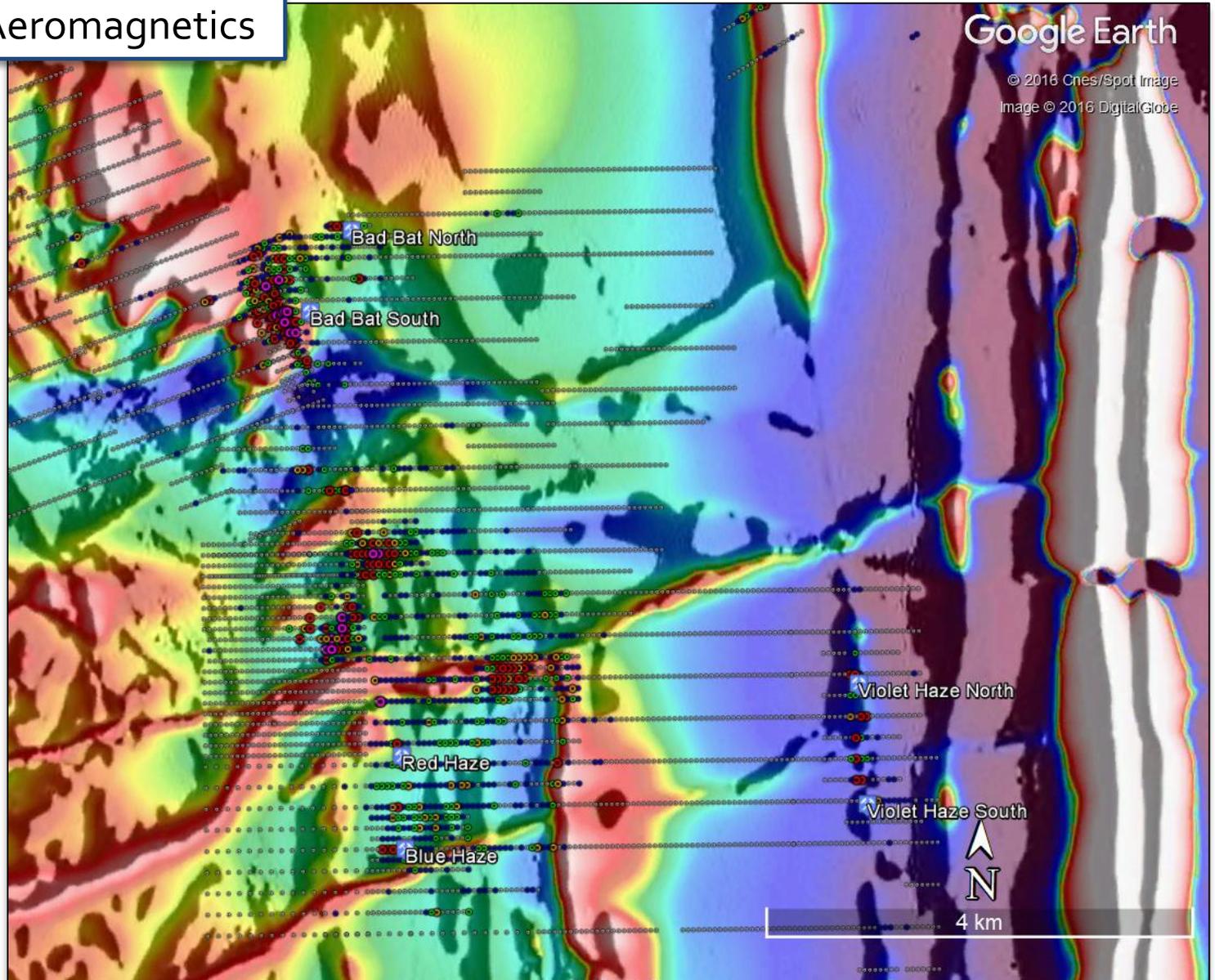
Maps taken from reports

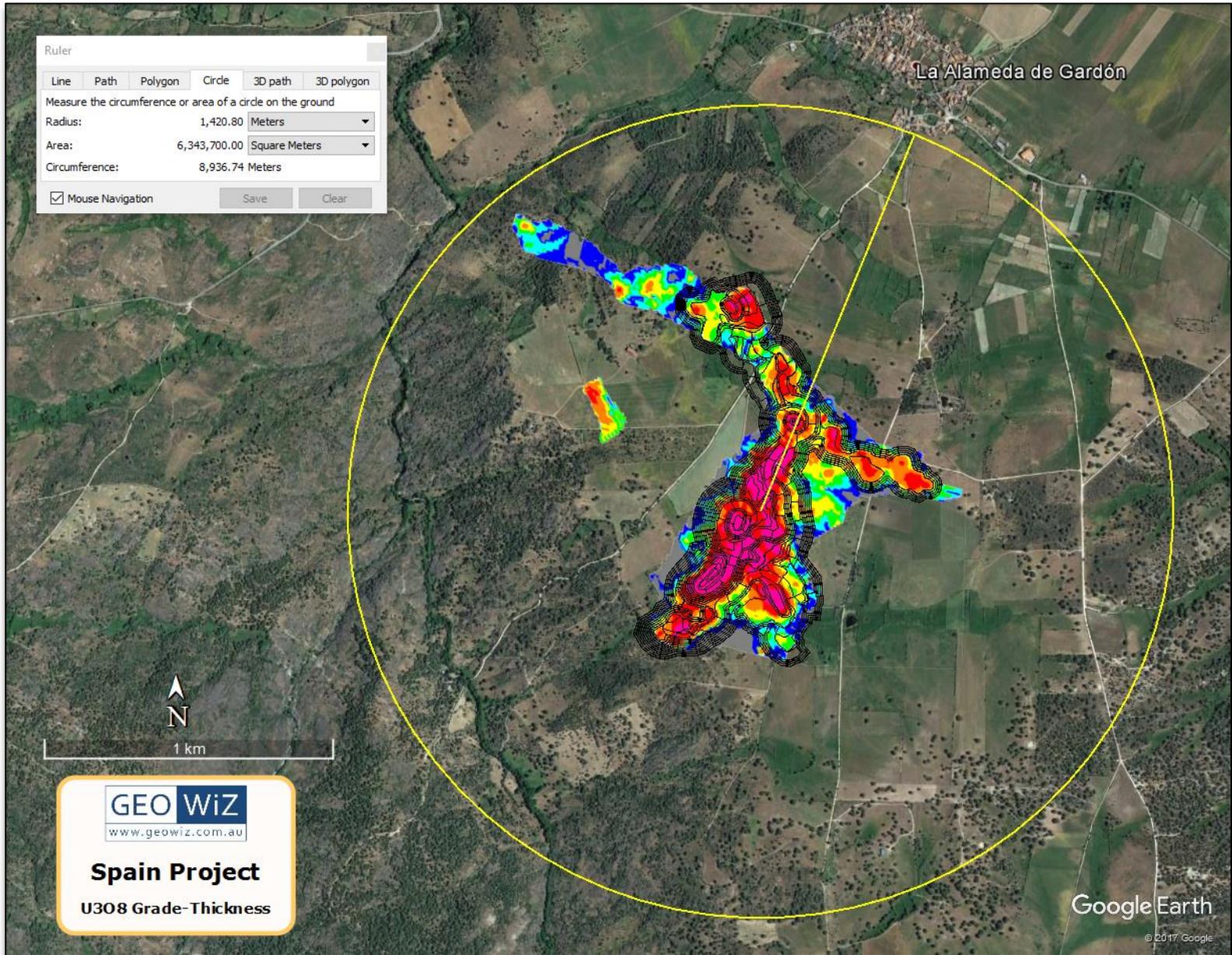


Images taken from reports in 3D



Regional Aeromagnetics





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

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