Canasil Resources Inc.

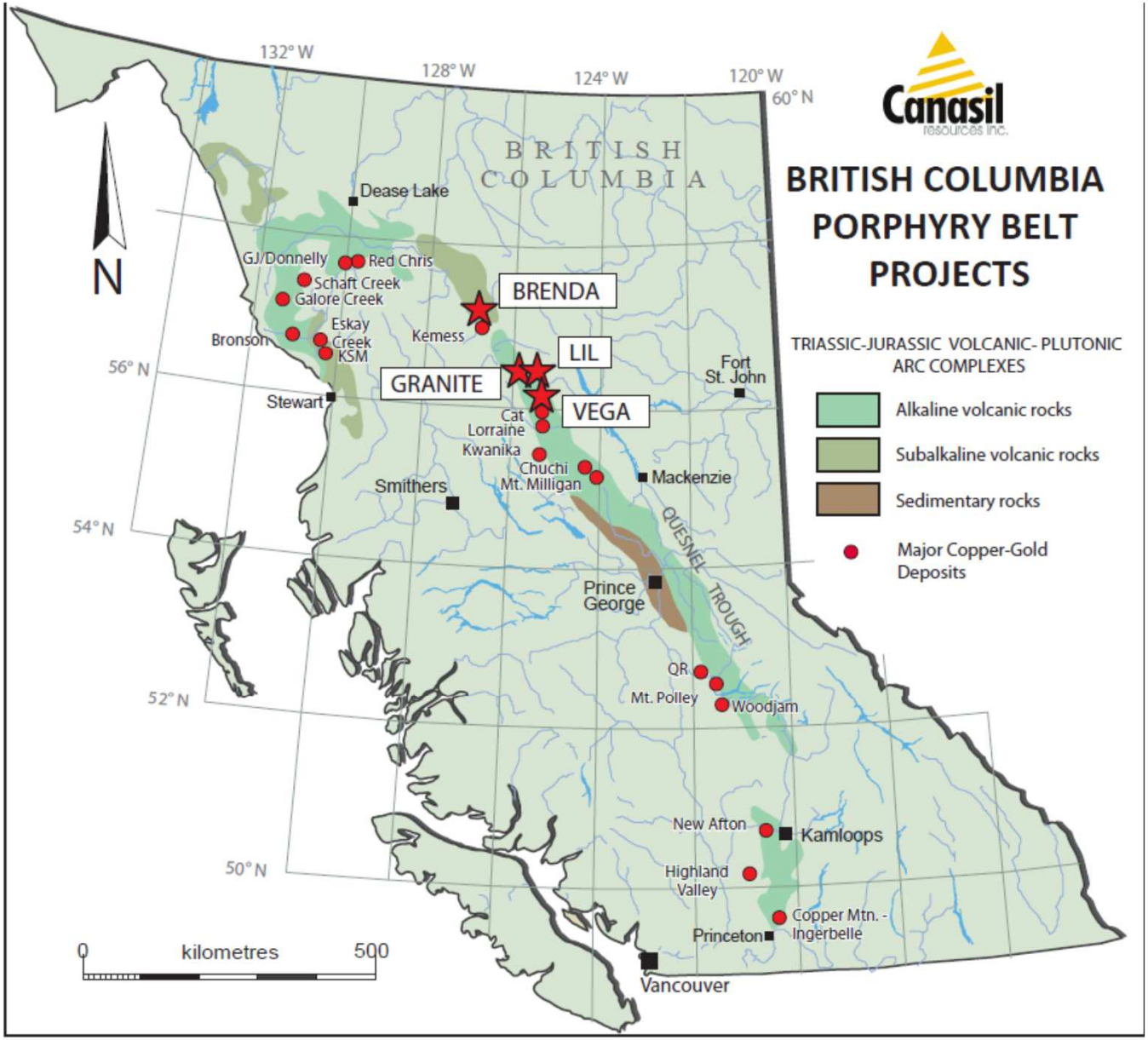
Brenda and Vega Copper-Gold Projects
British Columbia, Canada

January 2018

Canasil BC Projects
North-central BC

Brenda – 44.50 Sq Km
Au-Cu Porphyry
20 km NW of Kemess
Excellent Access and Infrastructure
Advanced Exploration
Multiple Porphyry Targets
Claims good to May 2024

Vega – 90.00 Sq km
Cu-Au Porphyry
Good Access and Infrastructure
Early Exploration
Multiple Cu-Au Targets
Claims good to Sept. 2018



Brenda Gold-Copper Porphyry Project

Significant Industry Interest in Kemess-Toodoggone Region
Centerra Gold Acquisition of Aurico Metals - Kemess Underground & Kemess East
Total Reserves & Resources of 7.5 Moz Au, 3,256 Mlbs Cu*

- Located 15 km NW of Centerra Gold Kemess Underground (KUG) & Kemess East Deposits, and 20 km NW of Past Producing Kemess South Mine
- Direct Road Access, proximity to $500 Million Kemess Infrastructure, including 380 KVA Power Line, Mining Camp, Year-round airfield etc.
- Aurico Metals Released Updated KUG Feasibility Study - March 2016
- Aurico Metals Received KUG Environmental Approval - March 2017

Kemess Underground: Reserves & Resources*:
Probable: 107,381 Kt at 0.54 g/t Au, 0.27% Cu for 1,868 Koz Au, 629,595 Klbs Cu
Indicated: 246,400 Kt at 0.42 g/t Au, 0.22% Cu for 3,328 Koz Au, 1,195,300 Klbs Cu
Kemess East Resources:
Indicated: 113,100 Kt at 0.46 g/t Au, 0.38% Cu for 1,680 Koz Au, 954,000 Klbs Cu
Inferred: 63,800 Kt at 0.31 g/t Au, 0.34% Cu for 640 Koz Au, 478,000 Klbs Cu

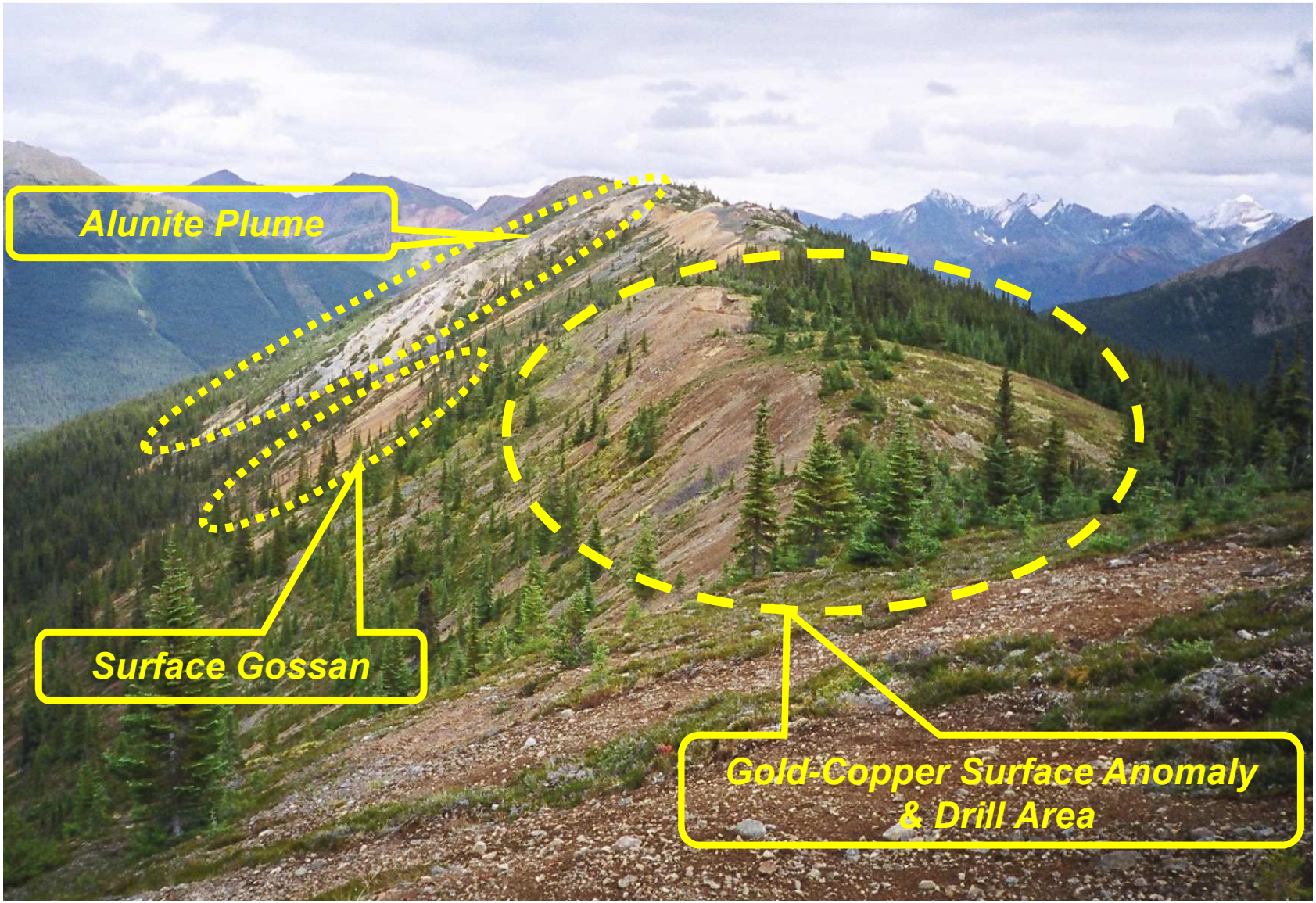
**Source: Aurico Metals April 2017*

Brenda Gold-Copper Porphyry Project

2016 - 2017 Analysis and Review of Extensive Existing Project Database

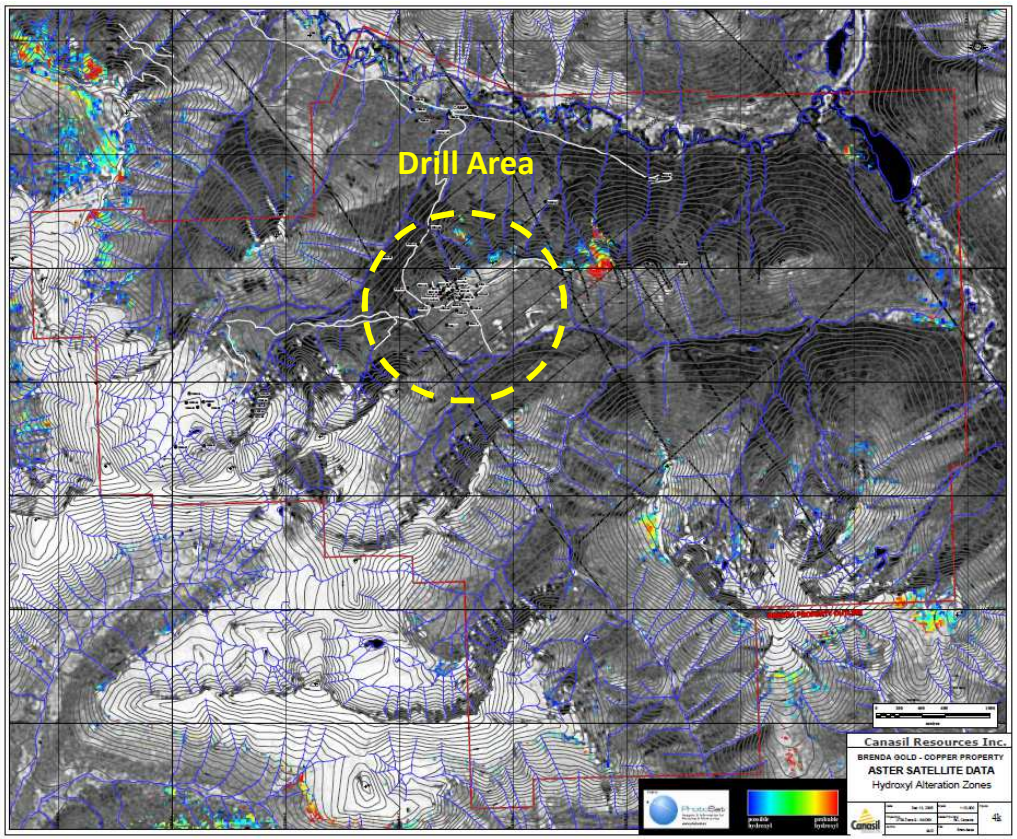
- Satellite Imaging & Airborne Surveys
- Geological Mapping, Surface Sampling
- Airborne & Ground geophysics
- 11,000 metres drilling in 64 drill holes
- Focus on project in light of developments at Kemess Underground and Kemess East discovery, interest in BC copper-gold projects and Toodoggone Region potential
- Updated database review and remodeling with Leapfrog Geo identified mineralization trends, post mineral dykes, faults and geophysical anomalies
- Past drilling indicates a tabular, mineralized body* roughly 1km x 400m x 100 to 600 metres thick, striking NW-SE, with average grades of 0.41 g/t Au, 0.066% Cu and 2.74 g/t Ag, with a higher grade zone around 200m x 300m x 150m in size with average grades of 0.659 g/t Au, 0.092% Cu and 3.32 g/t Ag *(*Note: on periphery of main target)*
- Historical geophysics is reliable to around 400m depth, drilling has been to less than 500m depth – Kemess Underground and East deposits are below 600m - 900m depth
- Two potential porphyry targets were identified by tracing porphyry indicator minerals (pathfinders) in the geochemistry of the drill holes and surface samples

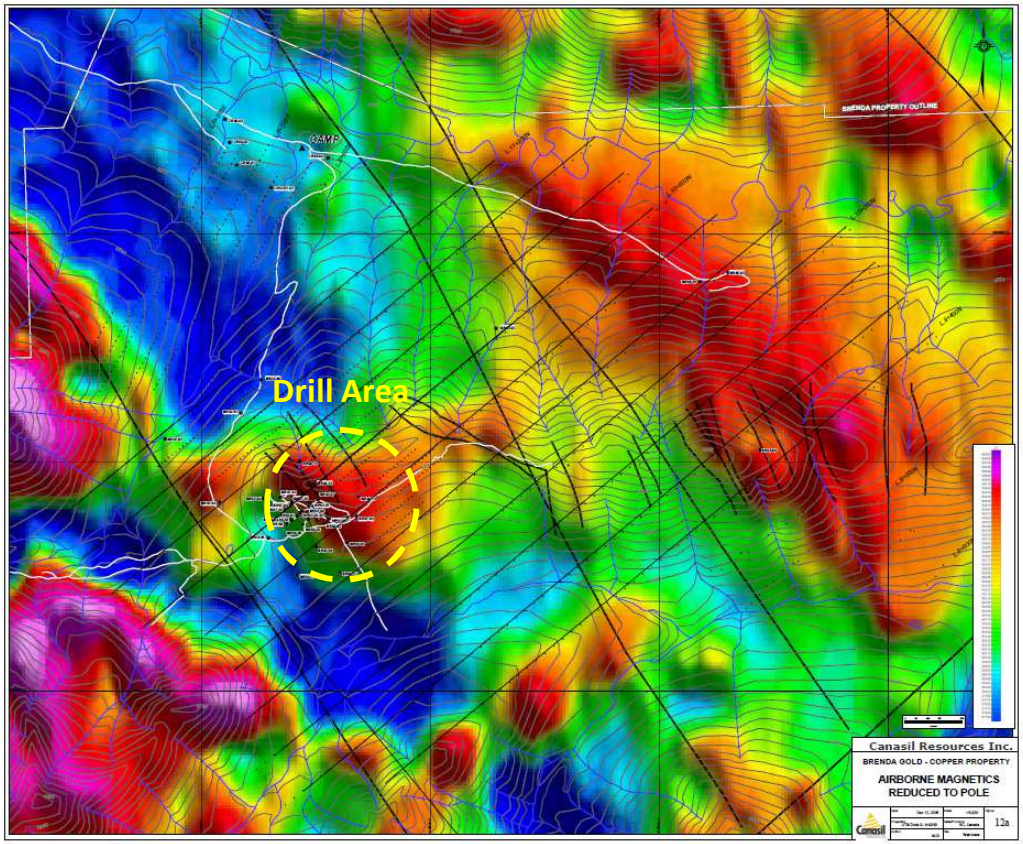
Brenda Project: surface signature of porphyry gold-copper systems



Brenda Project Database

Satellite Imaging	Airborne Geophysics
Hydroxyl Alteration	RTP Magnetic Signature

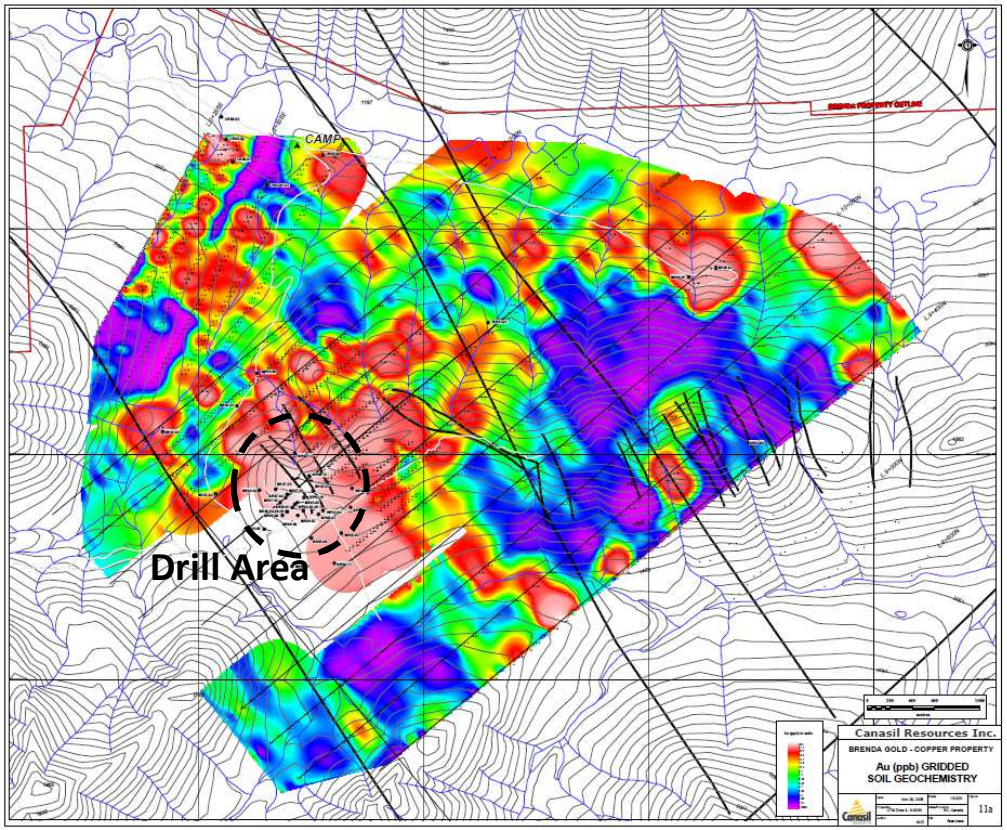




Brenda Project Database

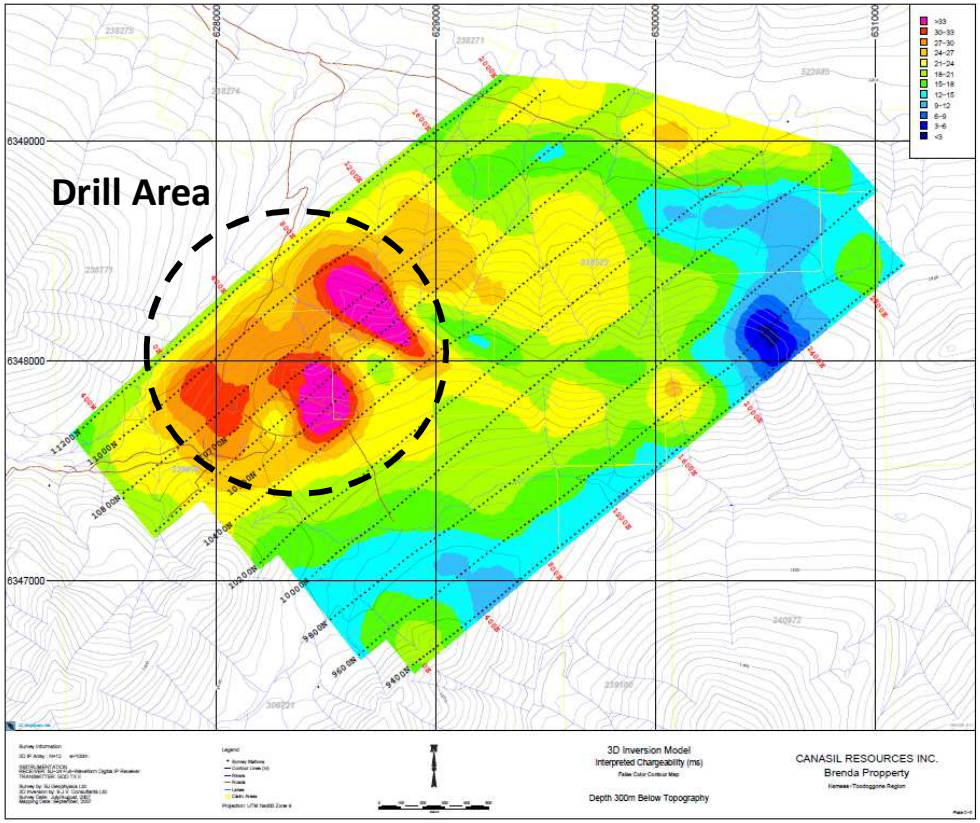
Surface Sampling & Geological Mapping

Gold Geochemistry

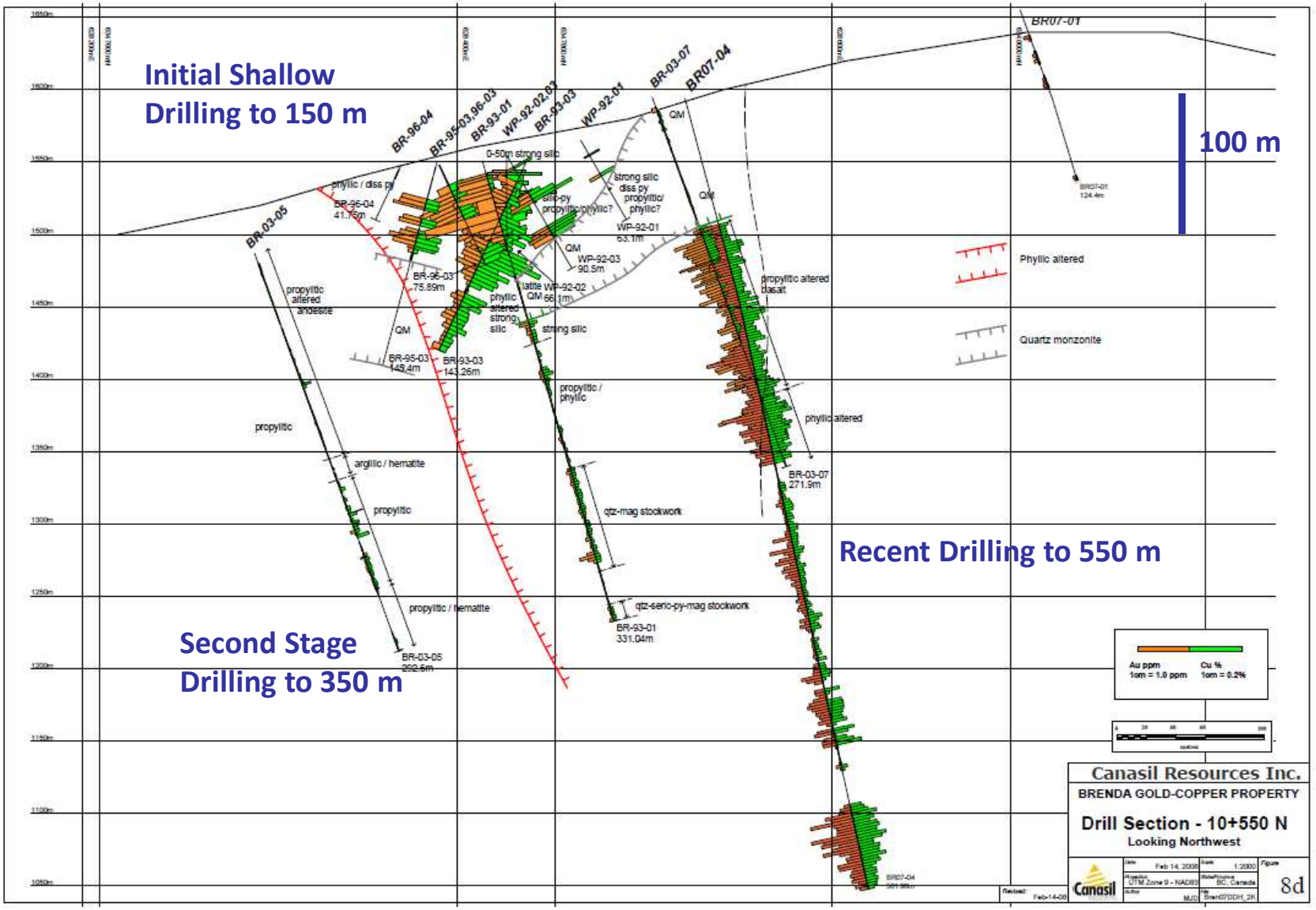


3D-IP Geophysics Plan View

Chargeability 300m below surface



Brenda Project Drill Database – 64 Drill Holes, 11,000 metres



2016 -17 Review: 3D Models from Drill Data and Geophysics

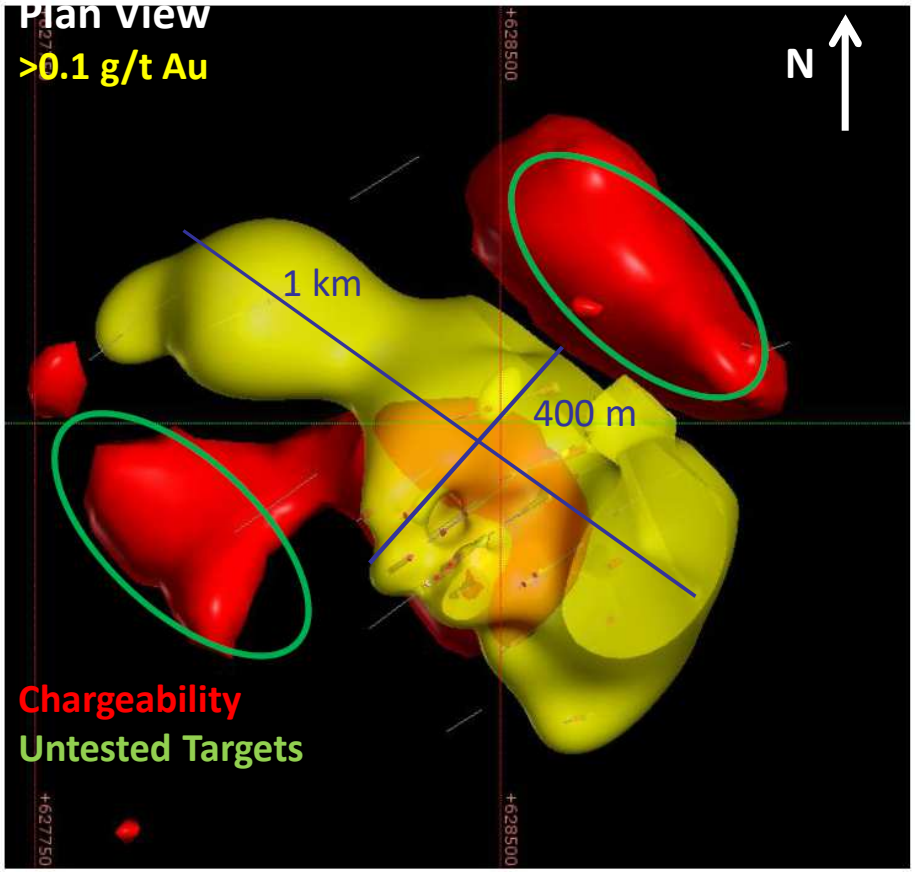
** Modelling is only for the purpose of identifying exploration targets and does not indicate any potential resources*

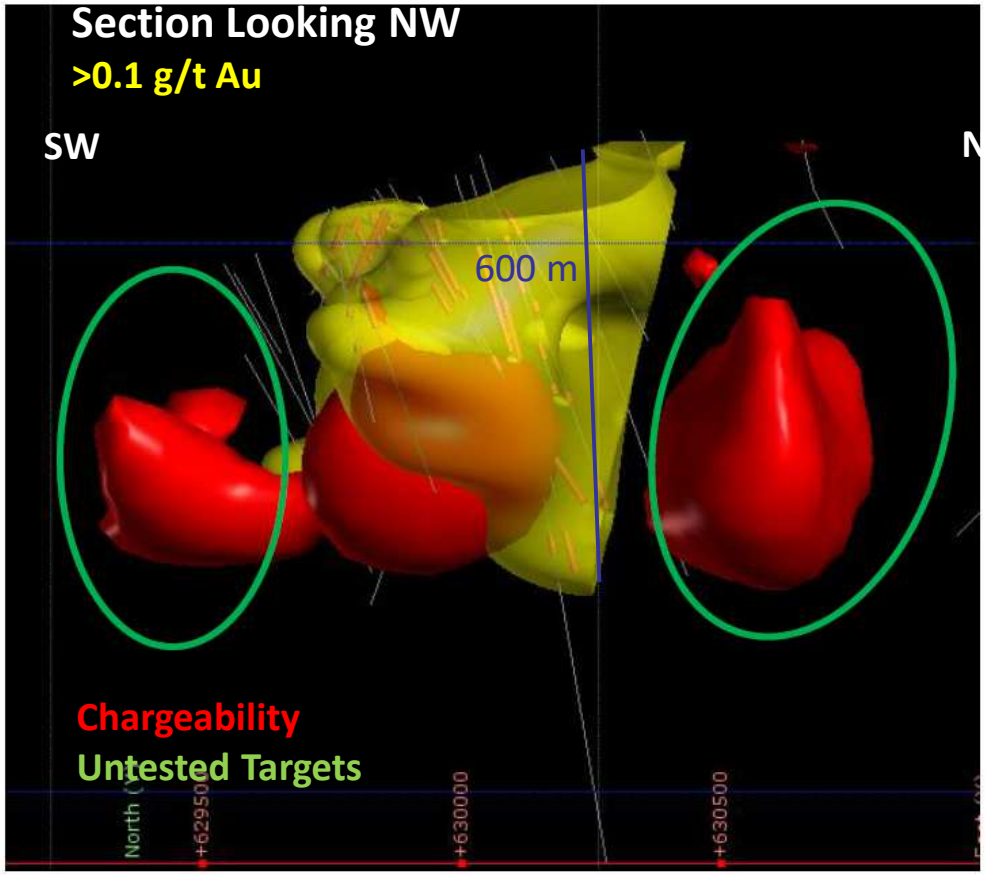
Gold Zone (>0.1 g/t Au) cut-off by faults and drill data limits - L 1 km x W 400 m x D 100-600 m

Gold Zone Open for expansion: NE, SW, Depth

Planned ZTEM Airborne Survey for Wider and Deeper Geophysical Data

Planned Drilling of Targets Along Strike and to Depth based on New Geophysical Data

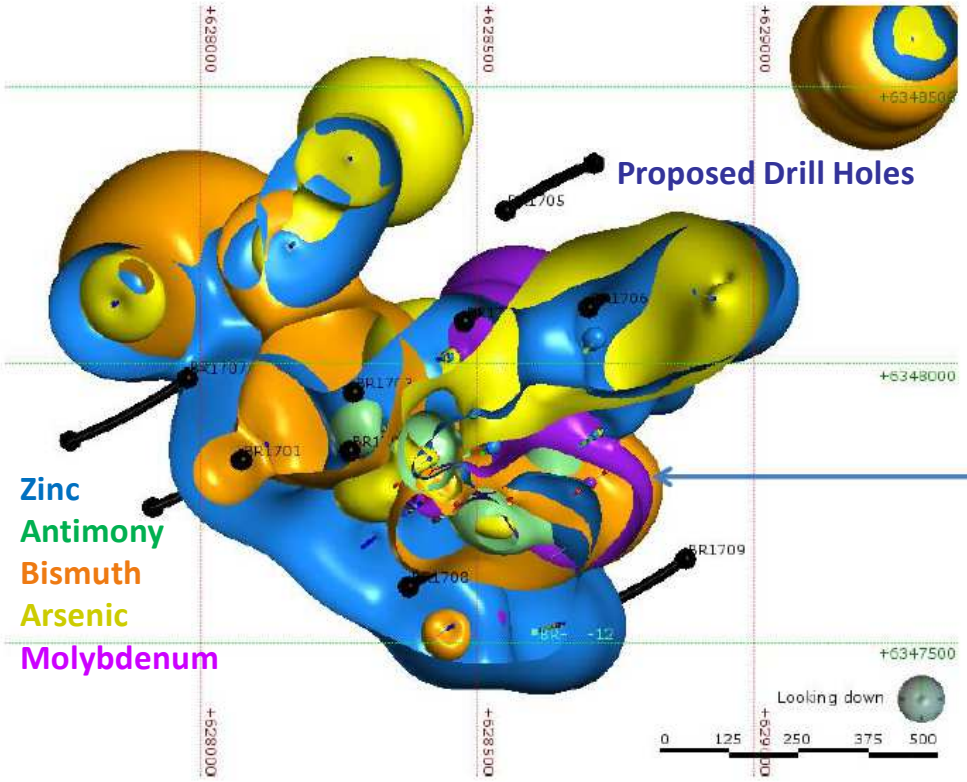


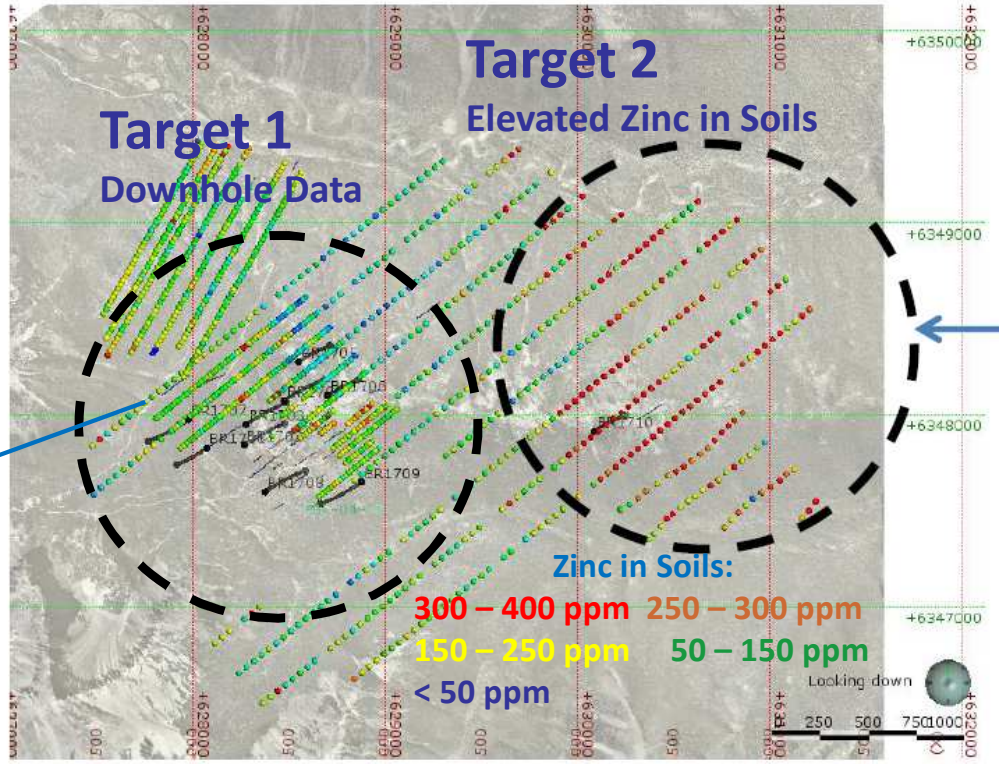


2016 -17 Review: Porphyry Finder Targets from Drill Data and Geochemistry

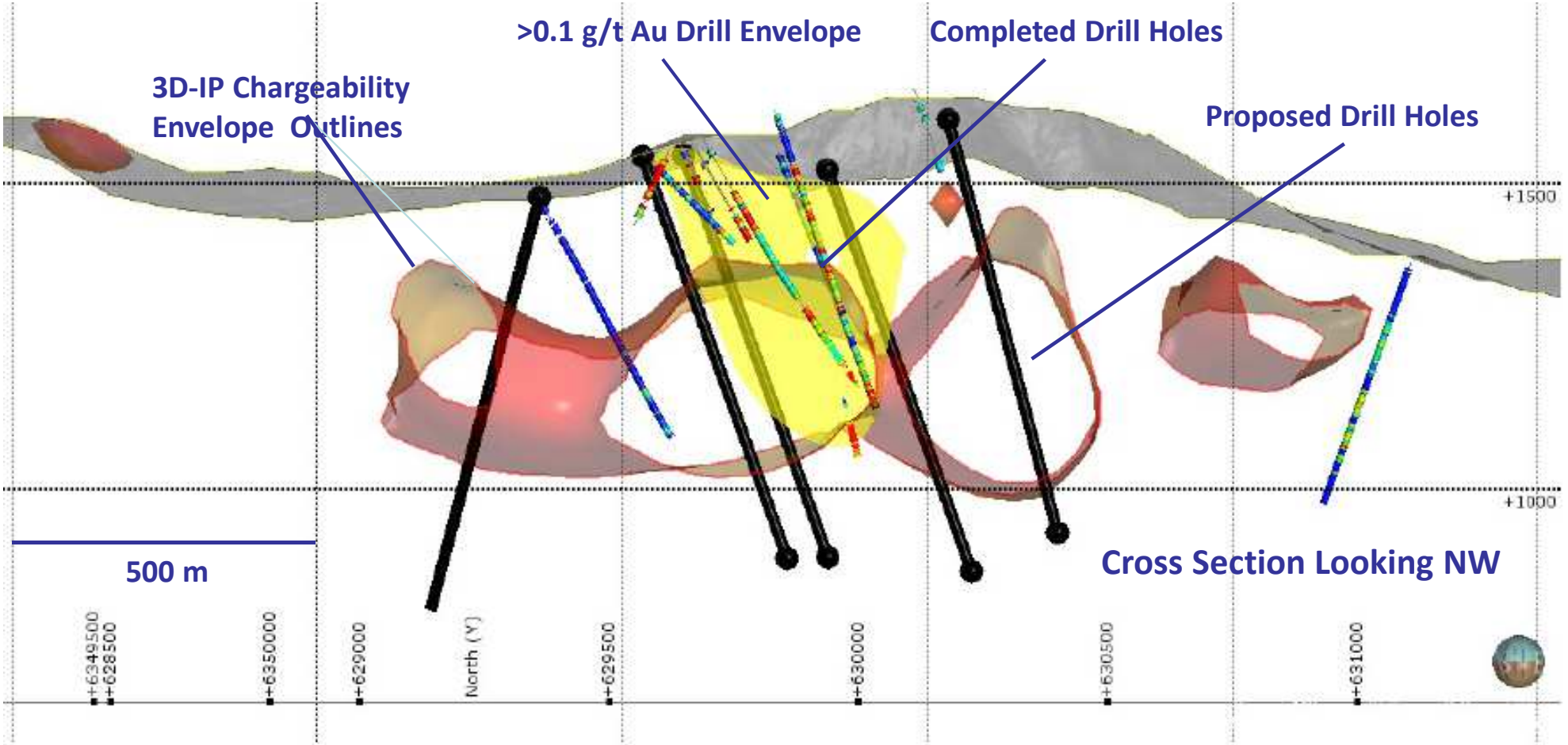
Downhole Zinc, Antimony, Arsenic, Bismuth, Molybdenum Signatures Indicate Strong Porphyry Target in Drill Zone Area - Target 1

Analysis of Porphyry Finder Elements in Surface Geochemistry Identifies Second Target East of Prior Drill Zone – Target 2





Drill Targets Defined with Potential Future Exploration Programs Includes Airborne Geophysics and 10,000 Metres of Drilling



Note: Proposed Drill Holes will be further defined following ZTEM Survey

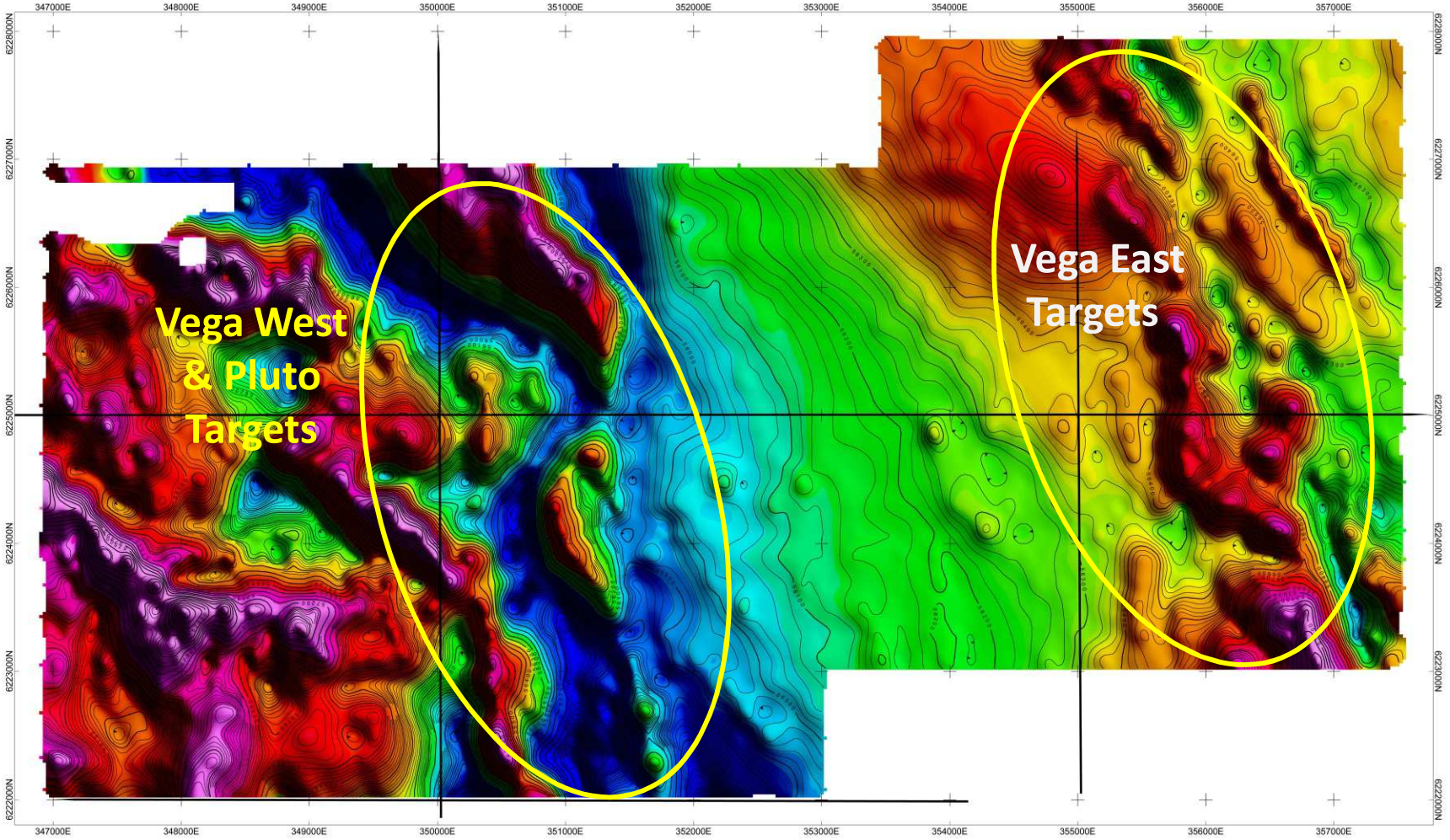
Vega Copper-Gold Porphyry

Large Property Area (90 Sq Km) within Major Porphyry Trend
Hosting Mt. Milligan, Chuchi, Kwanika, Lorraine and Cat Deposits

- Located 300 km NW of Prince George, BC, with good road access via Omineca Mines Access Road and logging roads to East, South and West of the project area
- Historical workings by Cominco reported copper and gold mineralization around Vega Creek – 200 m underground workings identified 10.5 m zone 1.46% Cu and 4.82 g/t Au
- BP Minerals completed 2,000 m drilling in 1970's on Cu anomalies, no records of data
- Cu-Au anomalies outlined in Vega East area with 1,100 m drilling by Cyprus Gold in 1980's with anomalous gold intercepts
- 2010 – 2011 Canasil expanded project area to cover Vega West areas based on regional geophysical magnetic anomalies and recorded Minfile surface showings
- Subsequent prospecting identified Pluto showing in Vega West area with sulphide rich gossans and porphyritic volcanic flows, returning anomalous Cu and As values
- 2016 Airborne magnetics survey outlined prospective structures in both Vega East and Vega West areas with potential for hosting multiple porphyry mineralized targets

2016 Vega Aerial Magnetic Survey - Total Magnetic Intensity Map

- Structures and Possible Intrusion-related Anomalies stand out on Vega East and West
  - Central and Western areas have never been mapped and tested

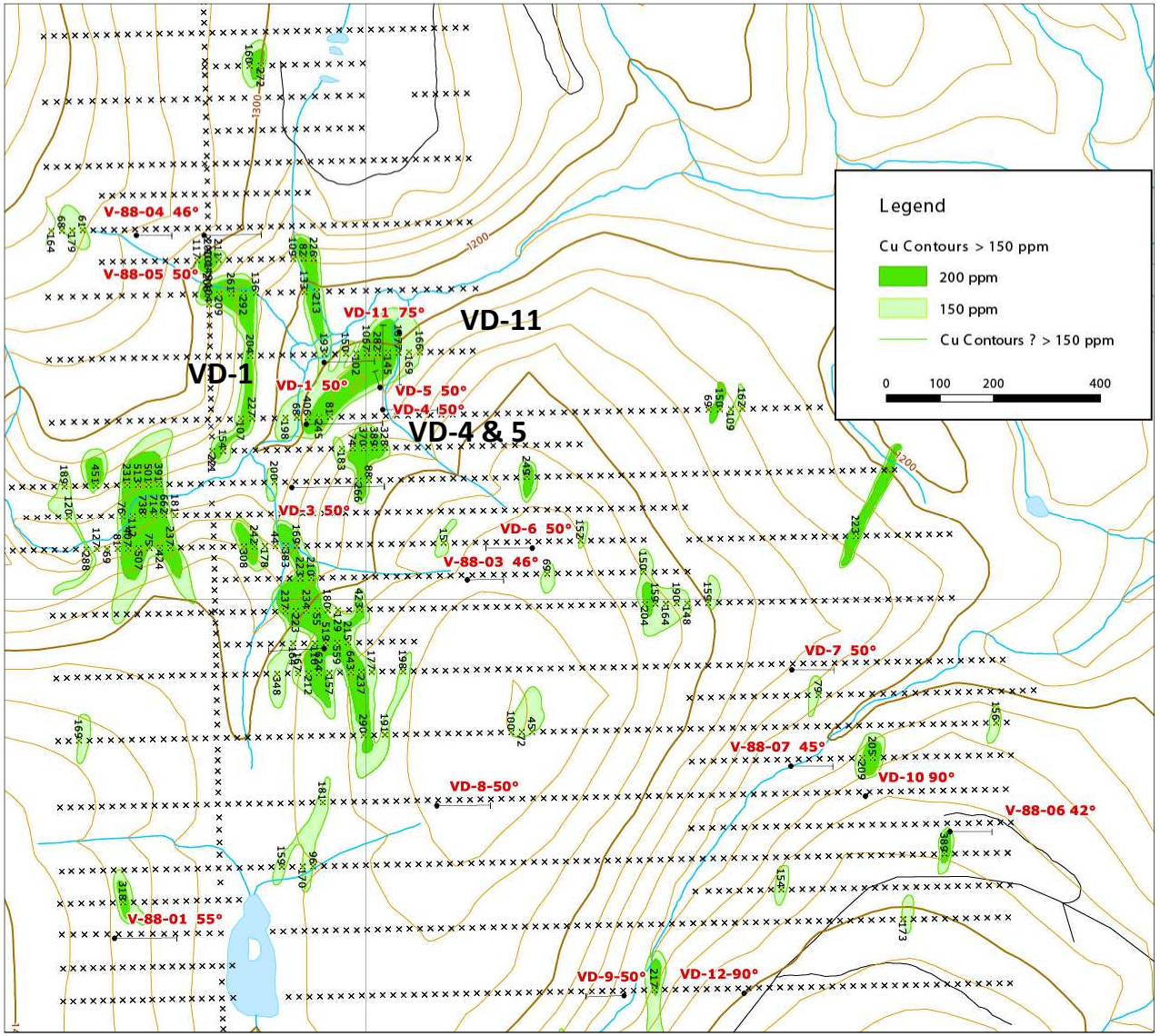


Vega East
Copper Soil Geochemistry

Historic grid soil sampling, multi-element, high contrast anomalies over an area of 2 km x 1.5 km

Several Copper Anomalies:

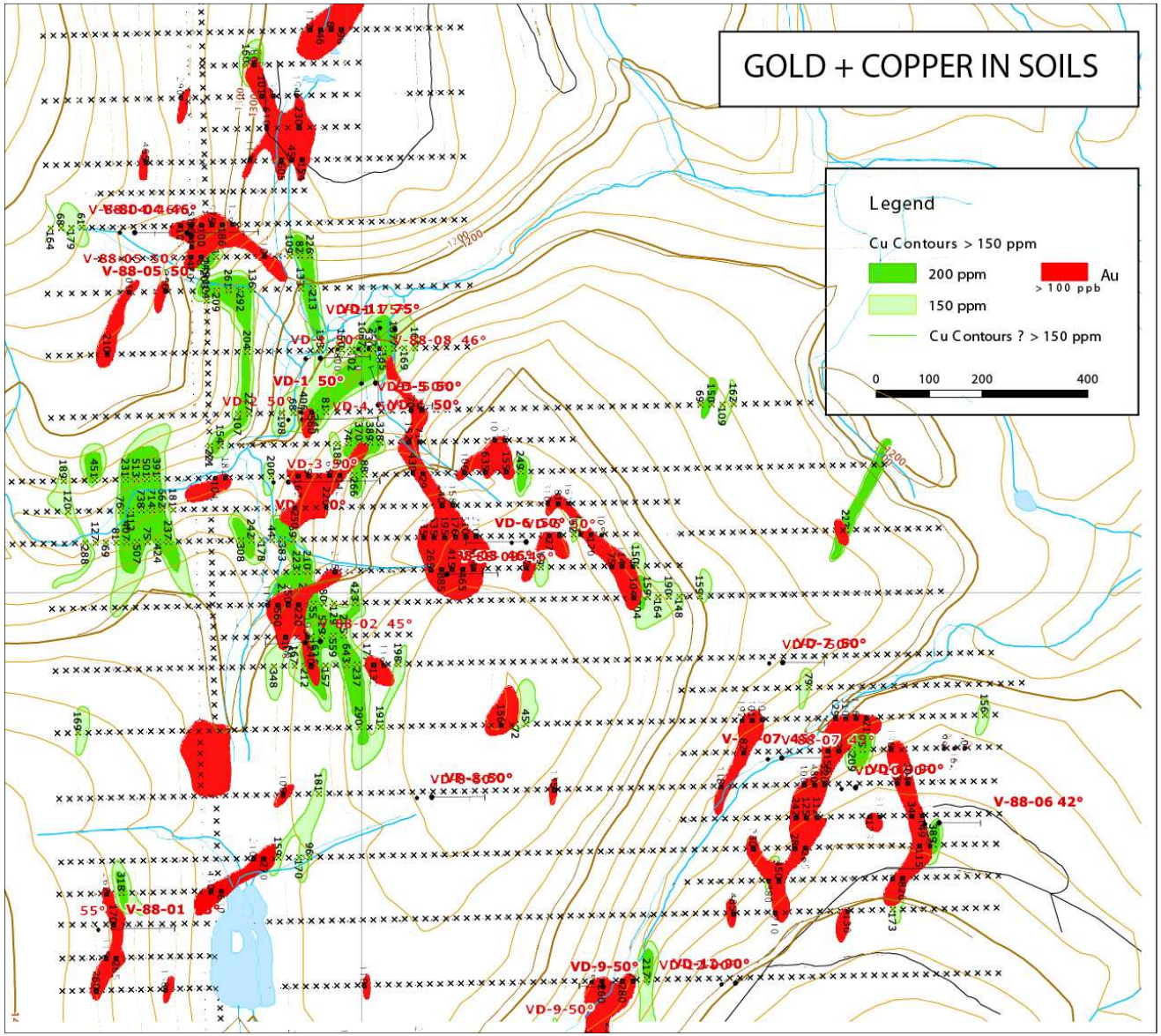
- **Around VD-1, 4, 5, 11 – original showings at Vega creek and adit**
- **Southern anomalies mostly untested**
- **Possibility that copper anomalies are moving downslope from sub-cropping source mineralization**



Vega East
Gold Soil Geochemistry

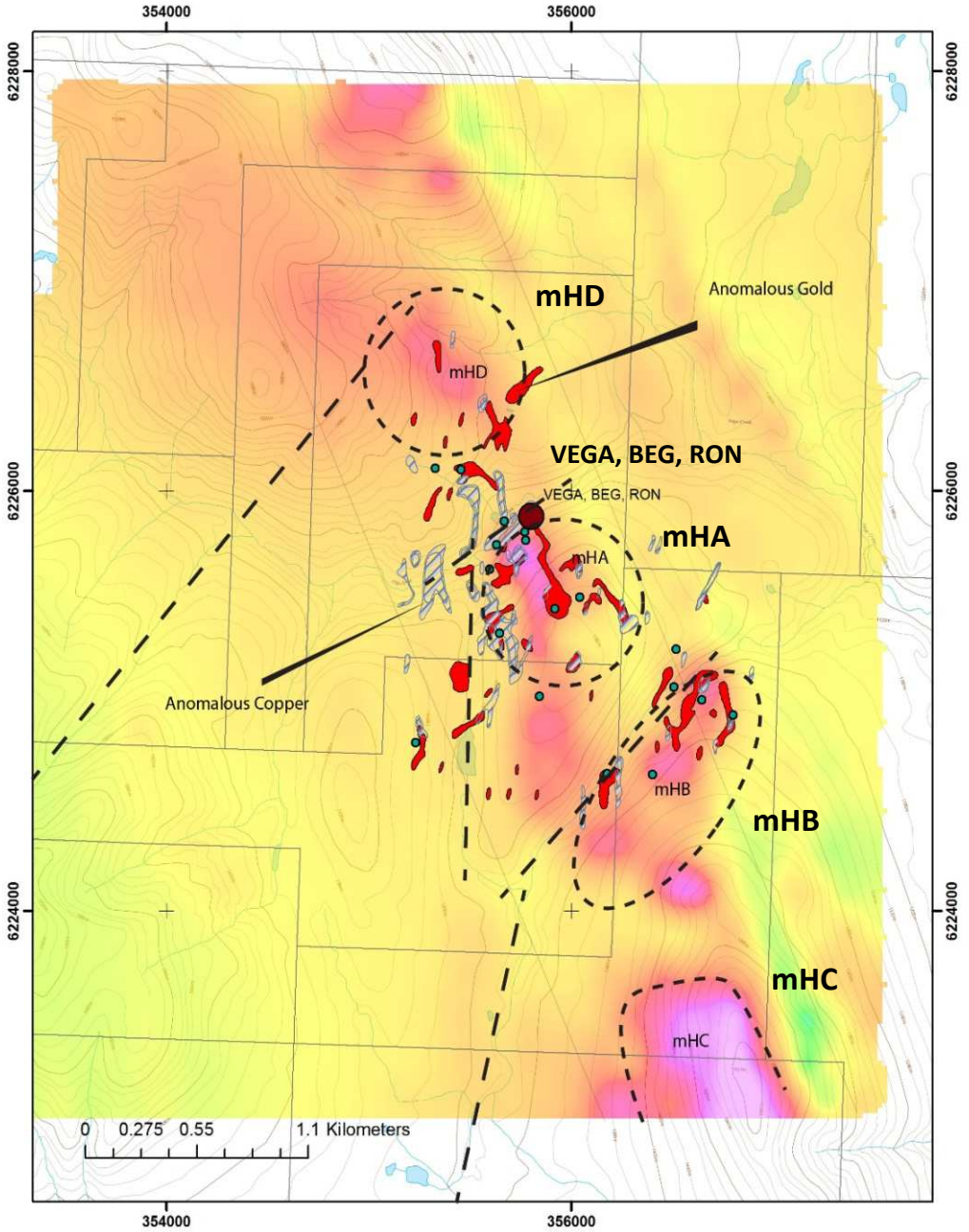
Historic soil Gold anomalies also cover an area of over 2 km x 1.5 km

- Gold is less mobile in soils, usually occurs as fine particles, which will disperse downslope
- Viewing Gold and Copper anomalies together highlights target areas south of original showings
- Strong suggestion of downslope dispersal with many untested anomalies
- Indicates targets may not have been adequately tested by relatively shallow and limited historic drilling



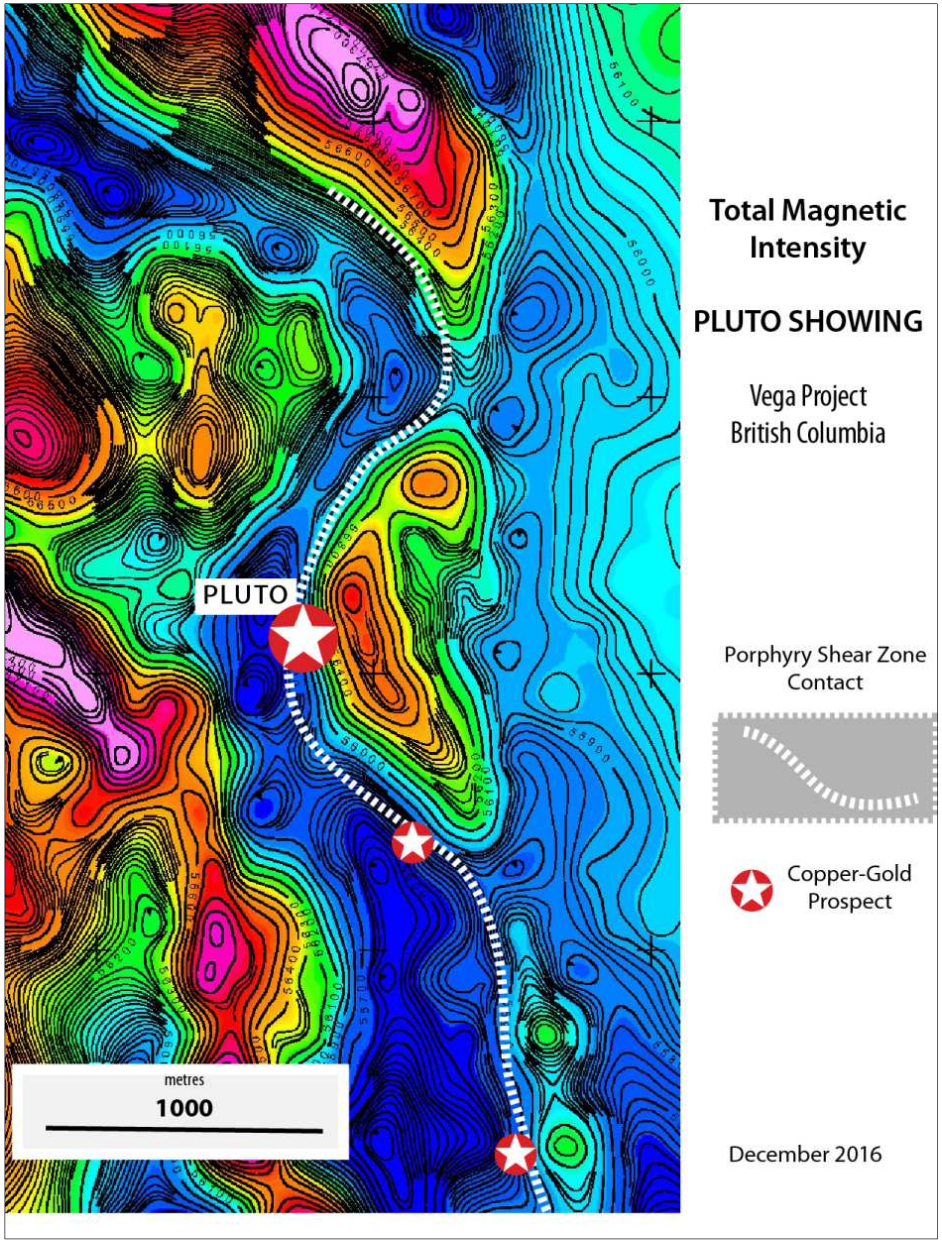
Vega East: 2016 Aeromag Anomalies Coincident with Au-Cu Geochem Outline Multiple Targets

- mHA: Immediately south of original Vega Minfile surface geochem occurrence
- mHB: 1 km SE of MHA, associated with elevated gold soil geochemistry, on flank of topographic high and IP anomaly
- mHC: Situated in the southwestern corner of the survey block, remains open, only historical coverage is a geochemical response over this feature
- mHD: Immediately north of the Vega showing, exhibits weaker copper and gold geochemical response as well as weaker magnetic response – possible deeper source
- Other magnetic features within the area, only limited historic information, appear to be located to the east of the main corridor.



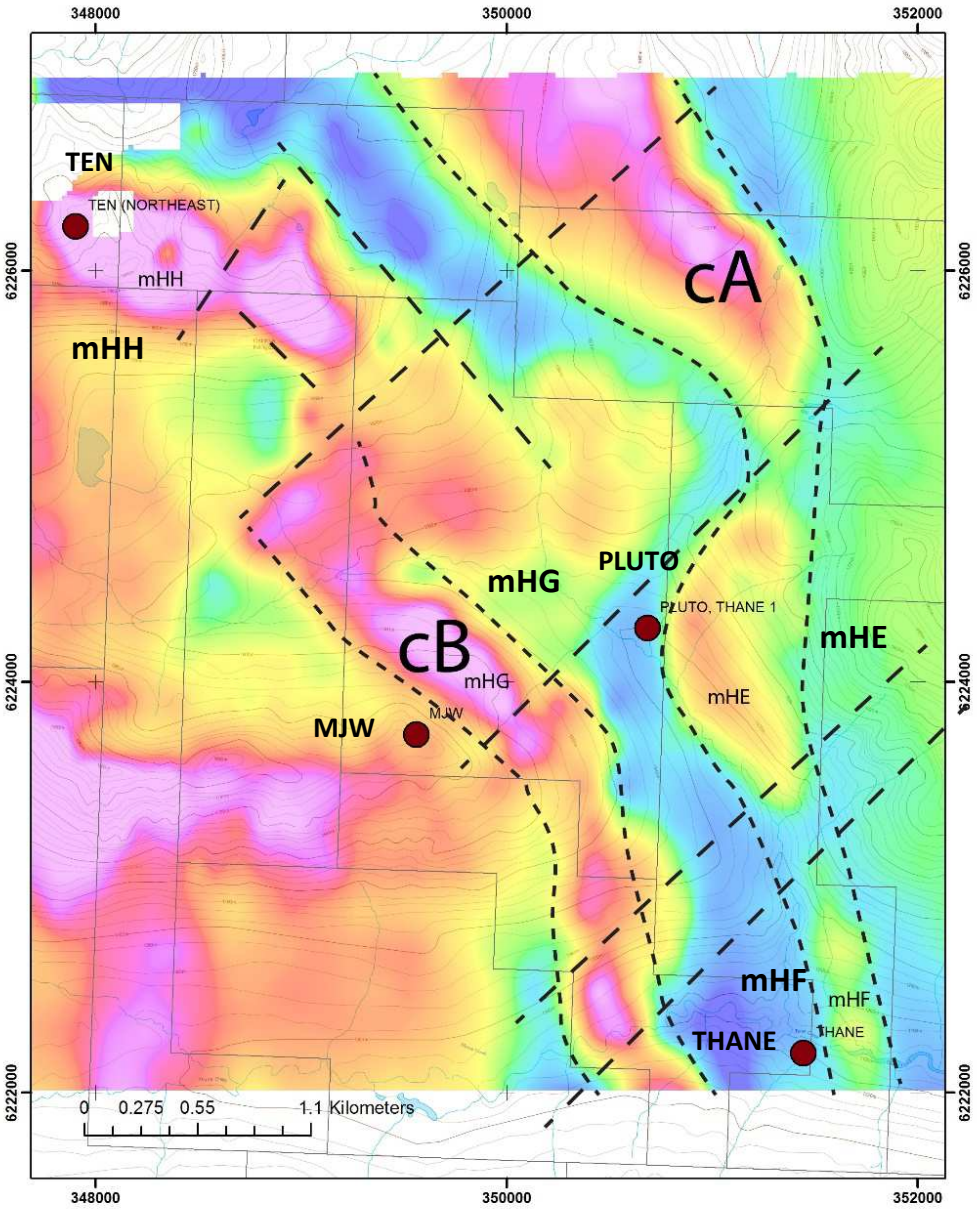
Vega West – Pluto Showing

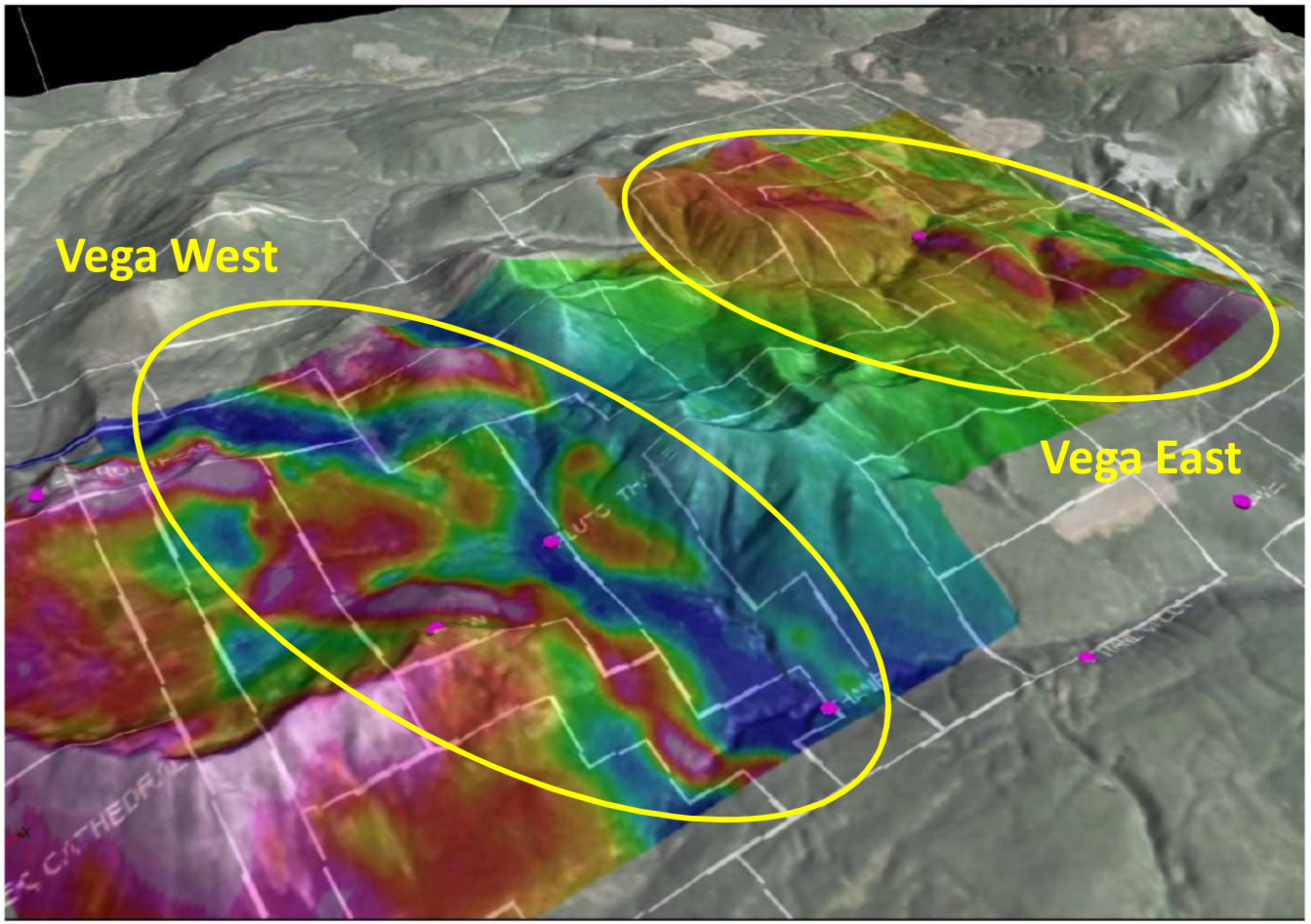
- Pluto showing is located in a ravine, in an area of continuous overburden.
- Airborne Mag survey shows strong magnetic features, possibly related to intrusive units
- A well defined magnetic break links Pluto to three other surface showings
- Multiple porphyry targets in the Vega West area



Vega West: 2016 Aeromag Survey Outlines Multiple Target Corridors

- Corridor cA: north south trending magnetic corridor, hosting the Pluto and Thane Minfile occurrences on its western flank, proximal to anomaly mHE and mHF. NE trending structures appear to offset the respective magnetic features.
- Corridor cB: immediately to the west of cA, where similar NE structures bisect and offset numerous magnetic features. The MJW showing flanks the western edge of anomaly mHG.
- Anomaly mHH: magnetic feature in the northwestern part of the survey area, proximal to the Ten mineral occurrence. Appears to track an east-westerly trending ridgeline, and bisected and slightly offset by a north easterly trending structure.
- These areas to be prospected and sampled proximal to the NE trending structures.



Vega Potential Future Exploration Programs:

- Prospecting, sampling and geological mapping of Vega East and West areas
- ZTEM Airborne Survey over project area
- 3D-IP surface geophysical surveys over selected target areas
- 4,000 m Drill testing of selected targets