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Geological and Structural Interpretations

CASA BERARDI SOUTH PROPERTY
Québec, Canada

Report submitted to
GREG Exploration Inc.

November 28, 2014

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CASA BERARDI SOUTH PROJECT
QUÉBEC, CANADA

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CASA BERARDI SOUTH PROJECT
QUÉBEC, CANADA

1.0 INTRODUCTION

On behalf of GREG Exploration Inc., a geological and structural study based on a SPOT satellite image, topography image and magnetic data has been carried out by Technologies Earthmetrix inc. between October 8 and November 19, 2014 on the Casa Berardi South (Casa South) property delineated by the following rectangle box of coordinates (approx.): from 619000E to 642000E and from 5482000N to 5493000N (UTM ZONE 17N, NAD 83) at scale 1: 5,000. The Casa Berardi South property is situated in the Abitibi-Témiscamingue region approximately 100 km North of La Sarre, Quebec in NTS sheet Map 32E06/32E11.

The main objective sought for this study is to determine most promising exploration targets within the property from identified structures and geology. The interpretation has been realized at 1: 5,000.

This report presents results obtained for this study and identified exploration targets that should be investigated in the Casa Berardi South property.

Outputs are:

Structural and geological maps at scale 1: 100,000 with exploration targets;
A short technical report in PDF;
Project's data files (Interpretation, images and technical report (including figures)).

2.0 AREA OF INTEREST LOCALIZATION

The Casa Berardi South property is situated in the Abitibi-Témiscamingue region approximately 100 km North of La Sarre, Quebec in NTS sheet Map 32E06/32E11. The area of interest is shown in figures 1 and 2. The area of interest covers approximately 200 km^2: Figure 2a shows the claims map of property (157 claims).

Figure 1: Regional Location Map (scale 1: 8,000,000)

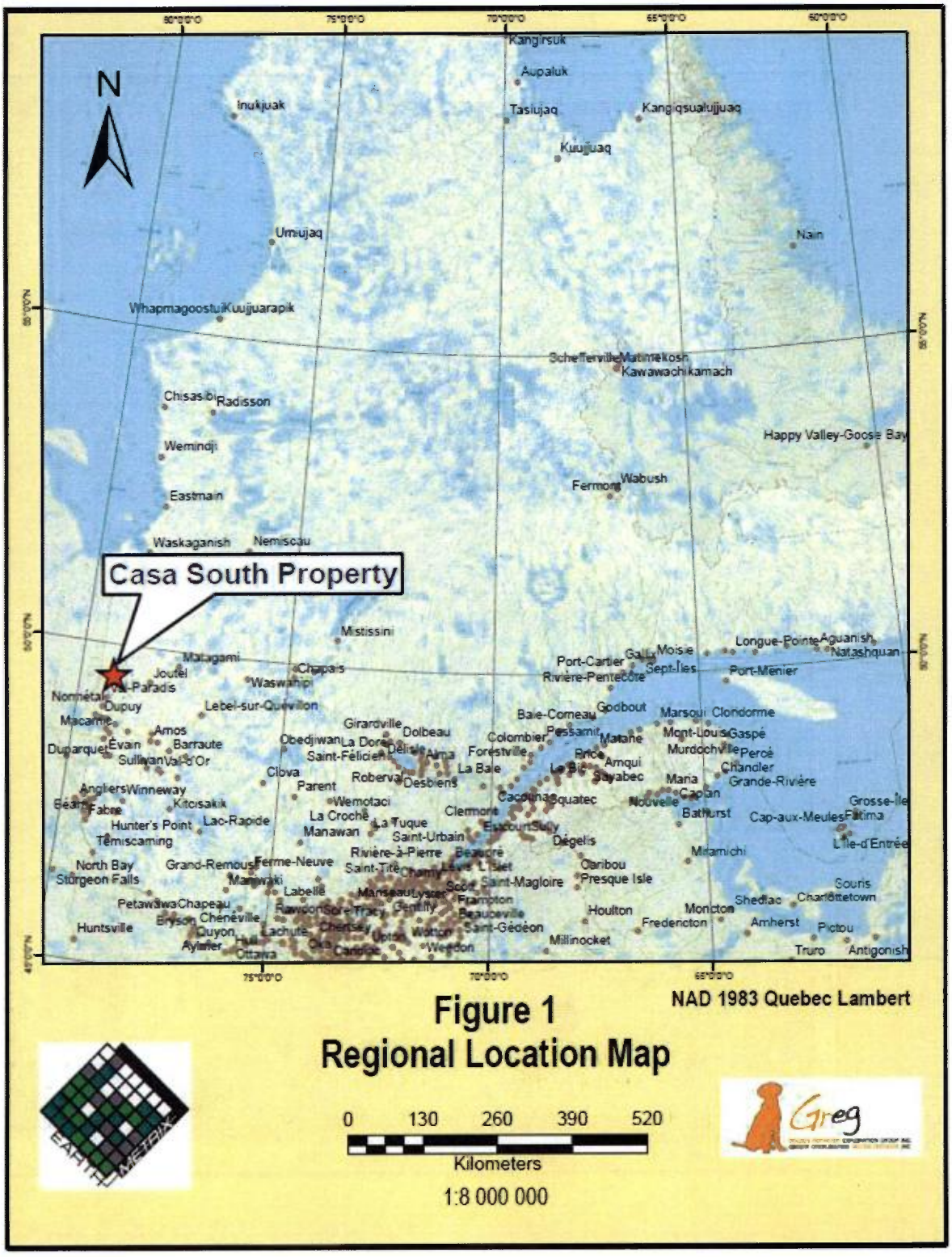


Figure 2: Property Location Map (scale 1: 100,000)

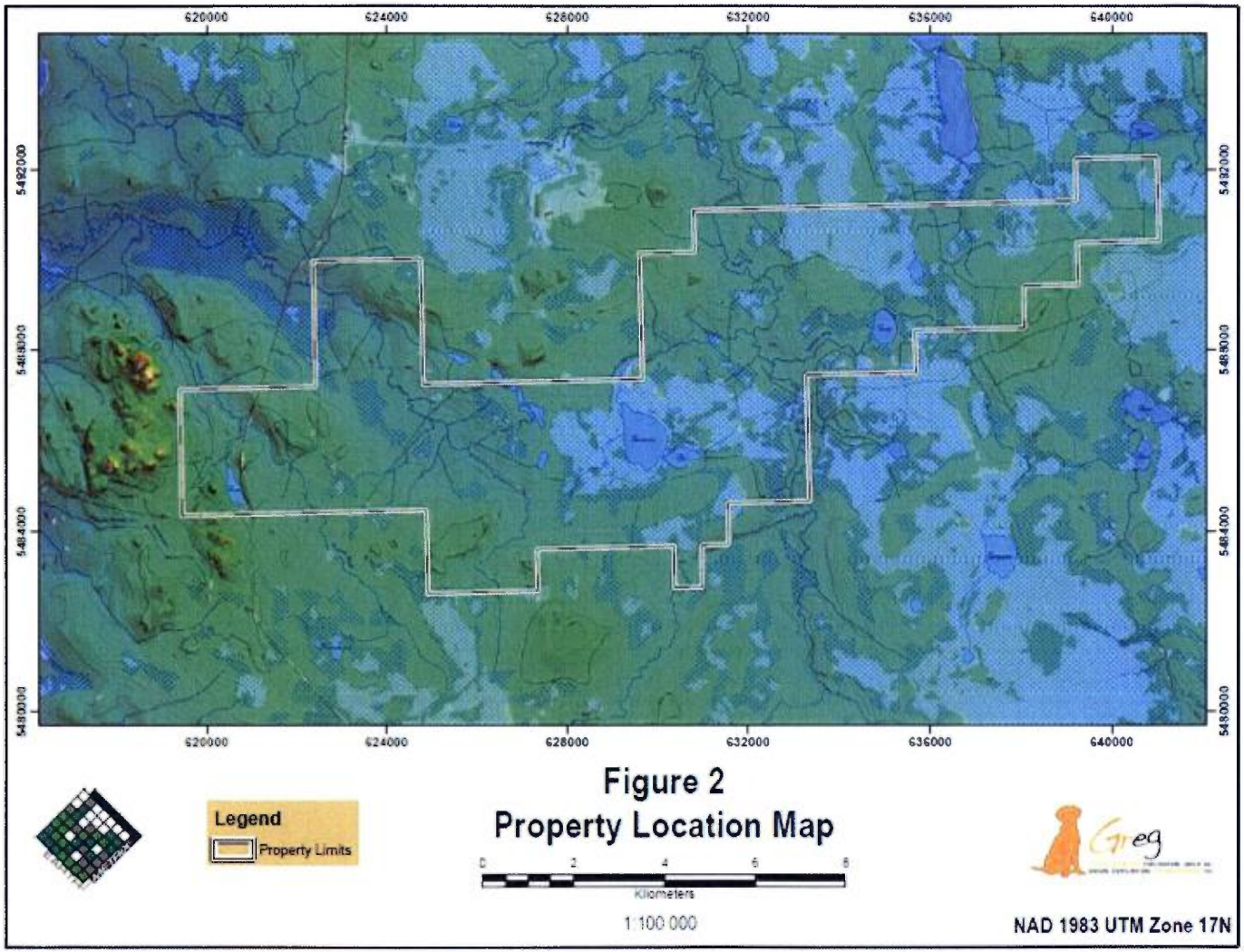
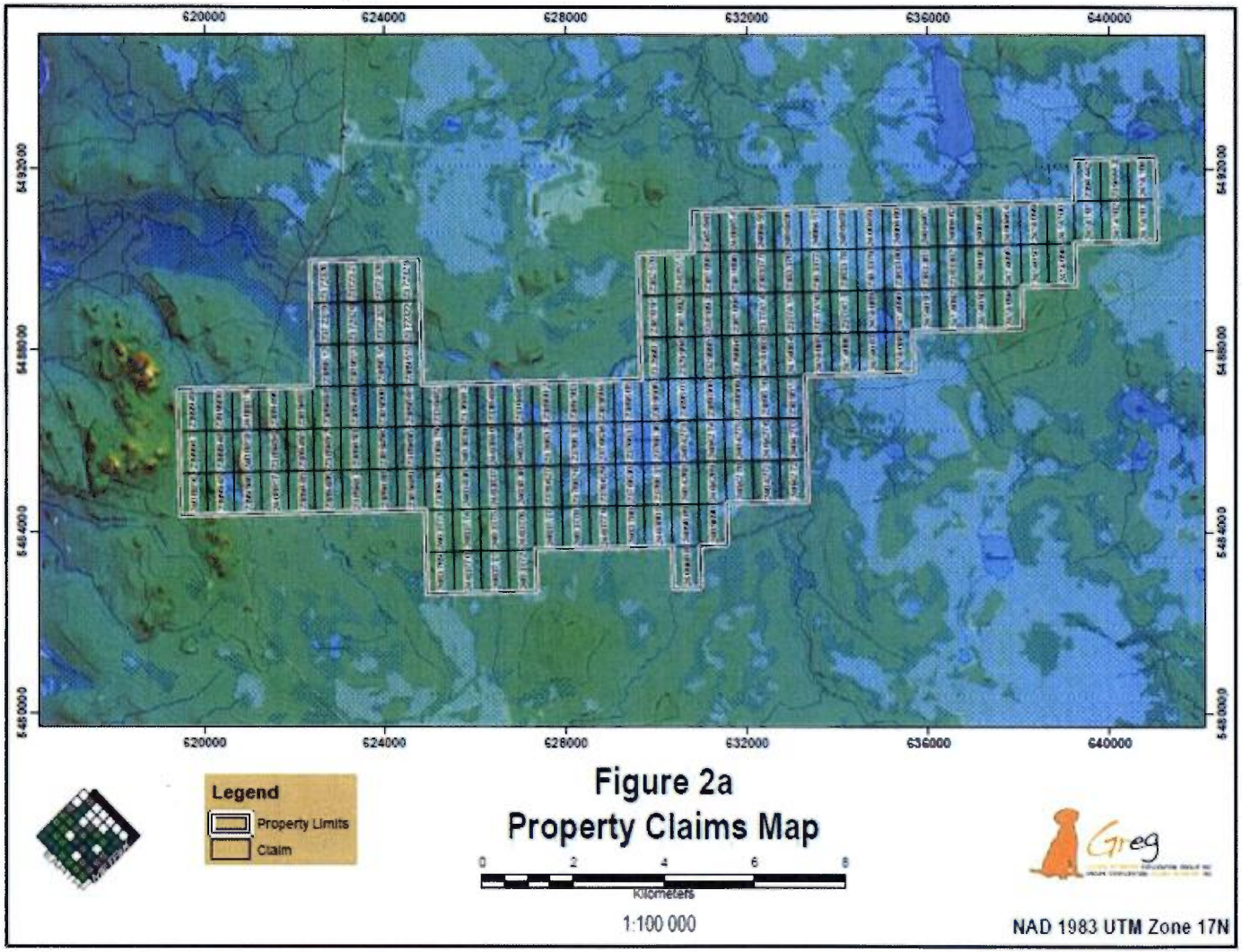


Figure 2a: Property Claims Map (scale 1: 100,000)



3.0 DATA

Data used for this study come from many sources: a multispectral SPOT image sampled at 10 m resolution (2002); a 1:50,000 topographic image (2009), magnetic total field and geological map from the SIGEOM (MRN (Quebec)). The average localization precision of the SPOT image, both absolute and relative are respectively 15 m (CE90) and 5 m (CE90); bigger errors may occur in higher topographic gradients areas (that are unlikely to occur in the vicinity of the Casa Berardi South property, a relatively flat area).

4.0 GEOLOGICAL AND STRUCTURAL INTERPRETATIONS

Figure 3, 4 and 5 show respectively the Geological, Total field and Vertical gradient Magnetic maps generated by the MERN.

Figure 6 and 7 show the structural map generated by EarthMetrix's STRUCT software. Figure 8 and 9 show respectively structures and structural targets overlain on the geological map (MERN).

The structural interpretation is based on numerical processing technologies/methodologies applied on digital data. Data were enhanced and processed by STRUCT 3.1 technology (a proprietary technology that maps brittle and ductile structures from digital data). A manual edition has been performed in order to eliminate spurious structures and artefacts in digital data that aren't geological features. This approach allows us to maximize the information that could be extracted from the data. **We haven't determined dip measurements of the structures (our technology allows us to do so).**

We have performed the structural interpretation at 1:5,000 with the identification of brittle and ductile structures. Structures identified at these scales generally correspond to geological features. Interpretation precision of the structures is approximately 4m and correlates about 90% with geological elements.

Structural exploration targets correspond to the intersection of ductile zones (inferred EW geology) with NNW/SSE and ENE/NE discordant brittle fault zones. The structural context of the Casa Berardi South property is complex. Numerous structural elements are present and their correlation with mineralization is unclear **although EW structures are the most promising targets as depicted by the Casa Berardi fault gold deposits**. Closed fold structures (ovoid structures) trending WNW are observed in the western part of property.

Figure 3: Geological Map (scale 1:100,000)

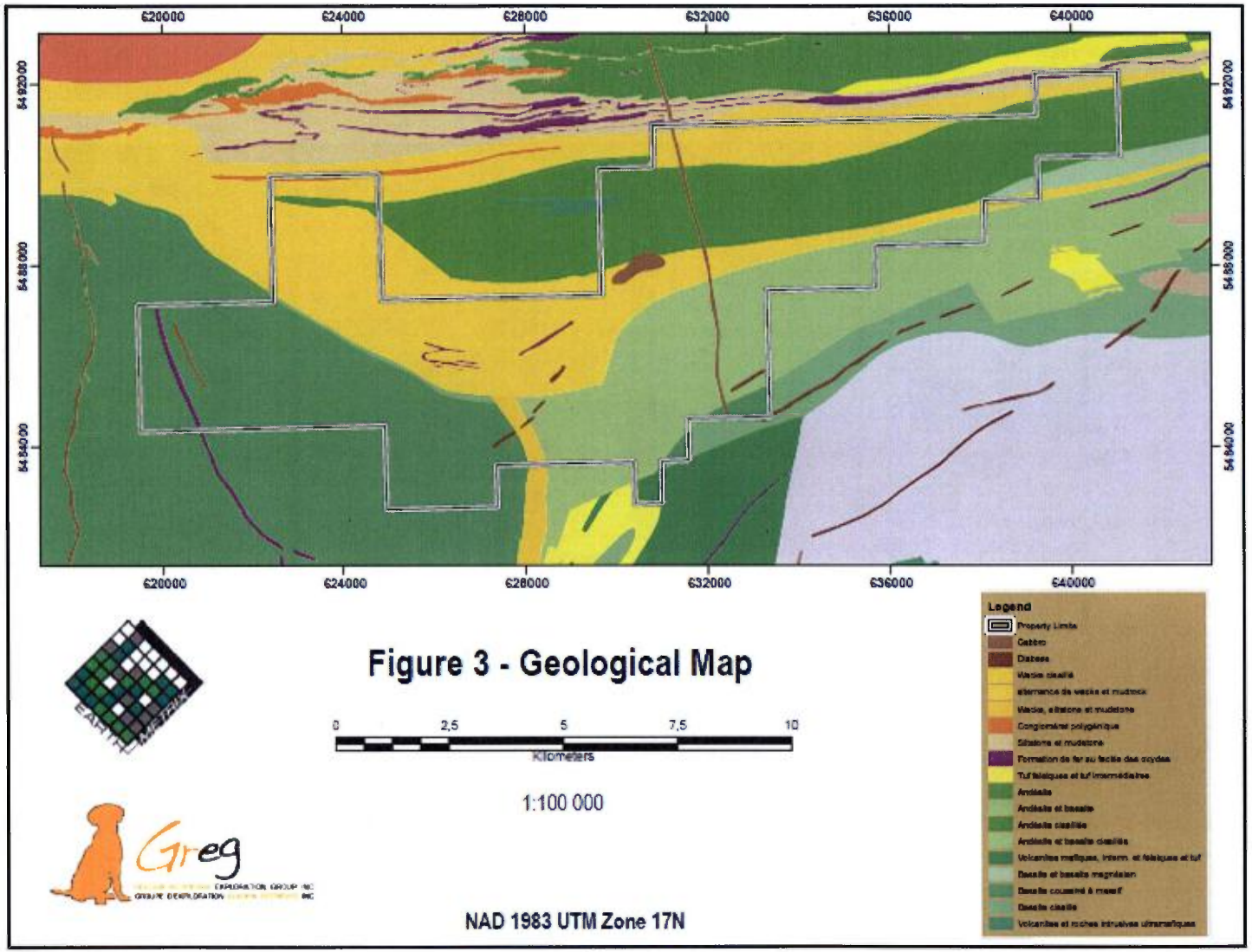


Figure 4: Total Field Magnetics Map (scale 1:100,000)

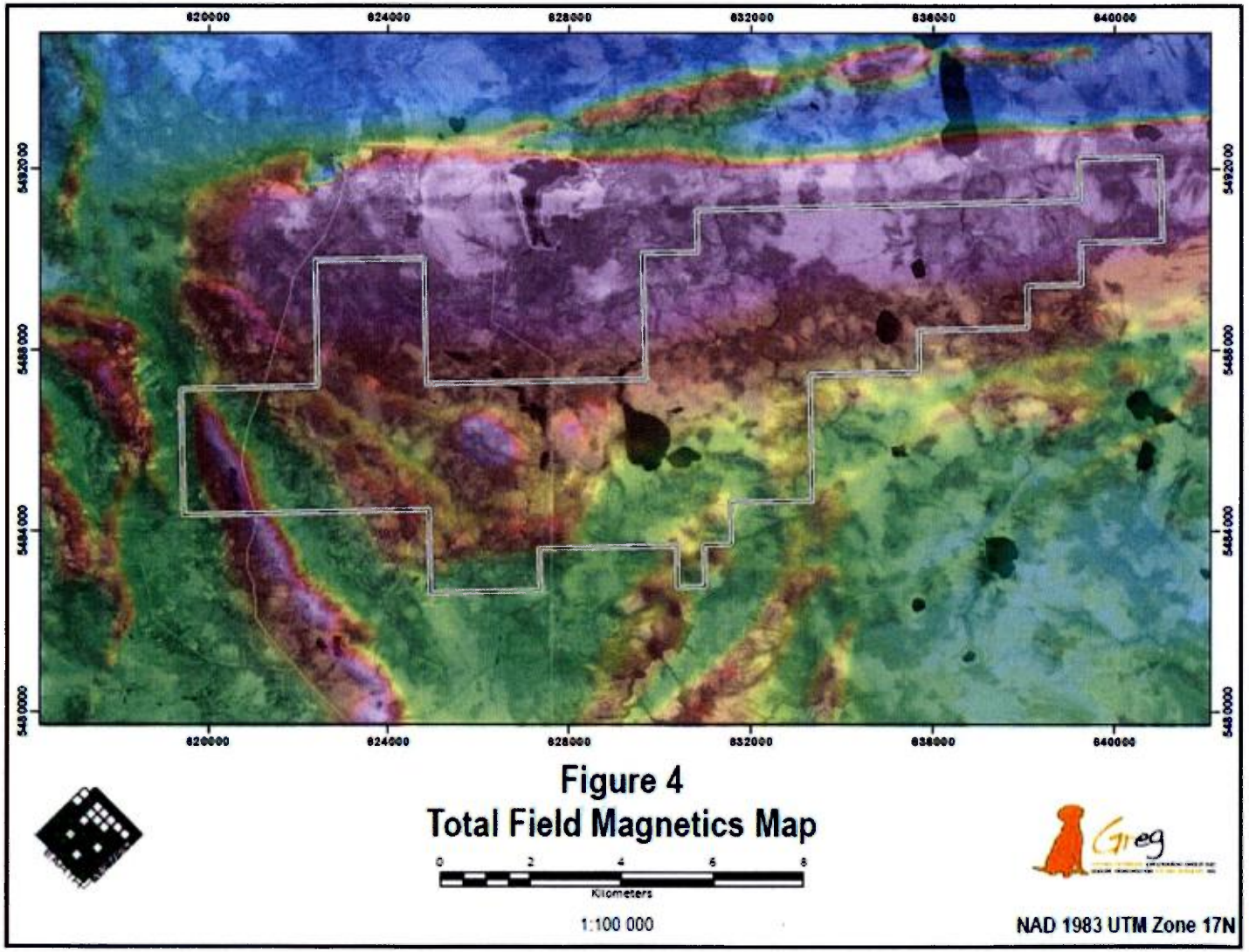


Figure 5: Vertical Gradient Magnetics Map (scale 1:100,000)

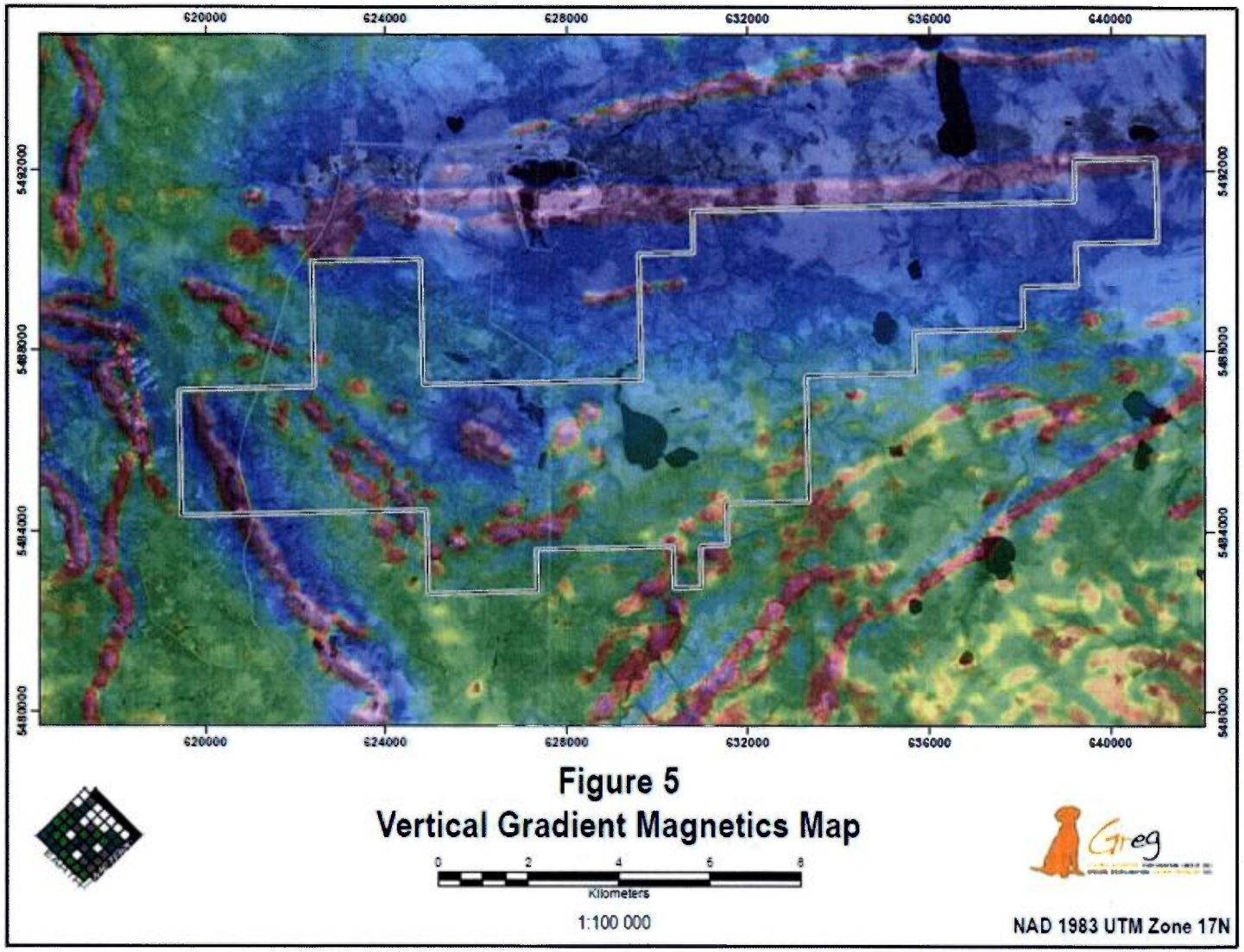


Figure 6: Regional Structural Map (scale 1:100,000)

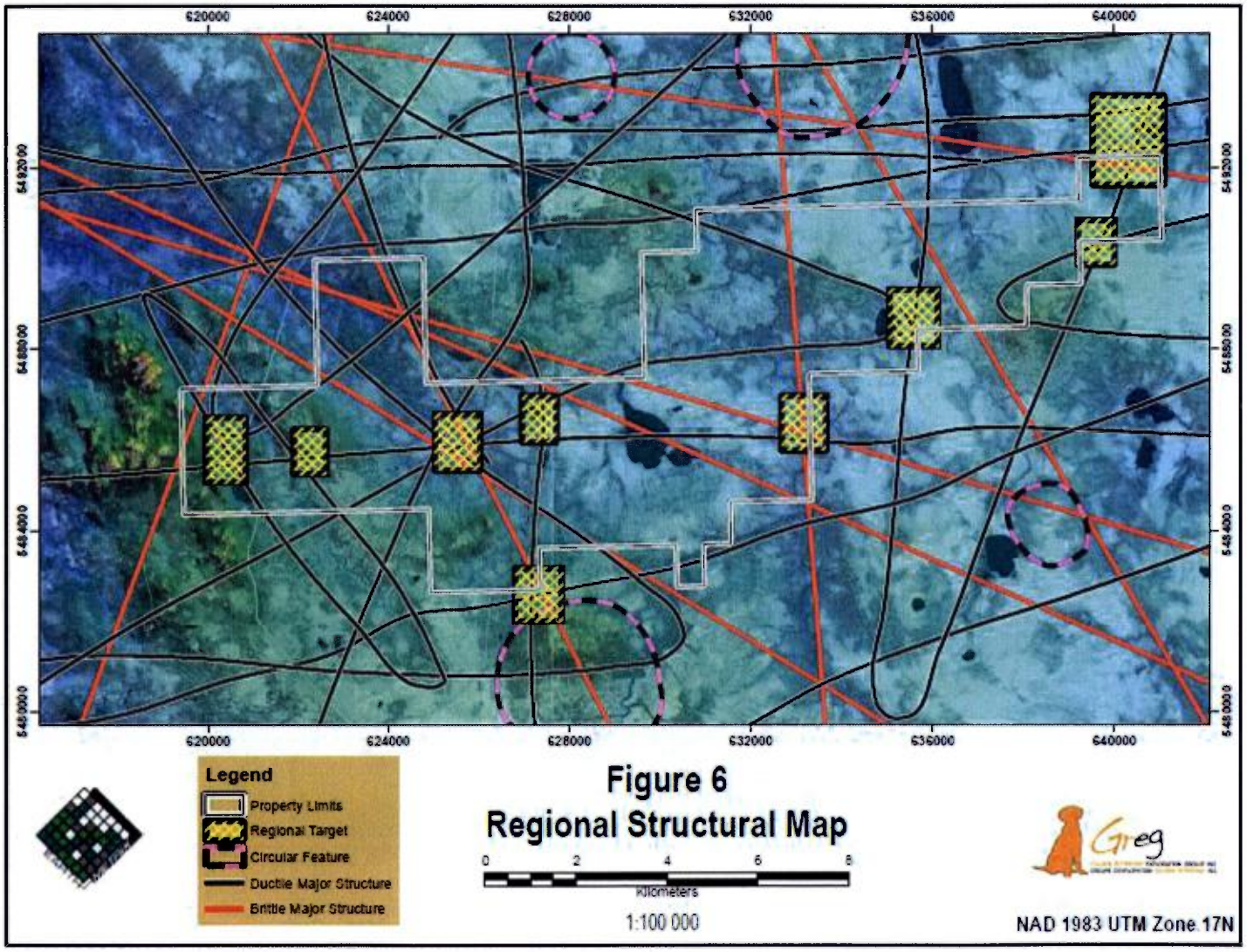


Figure 7: Property Structural Map (scale 1:100,000)

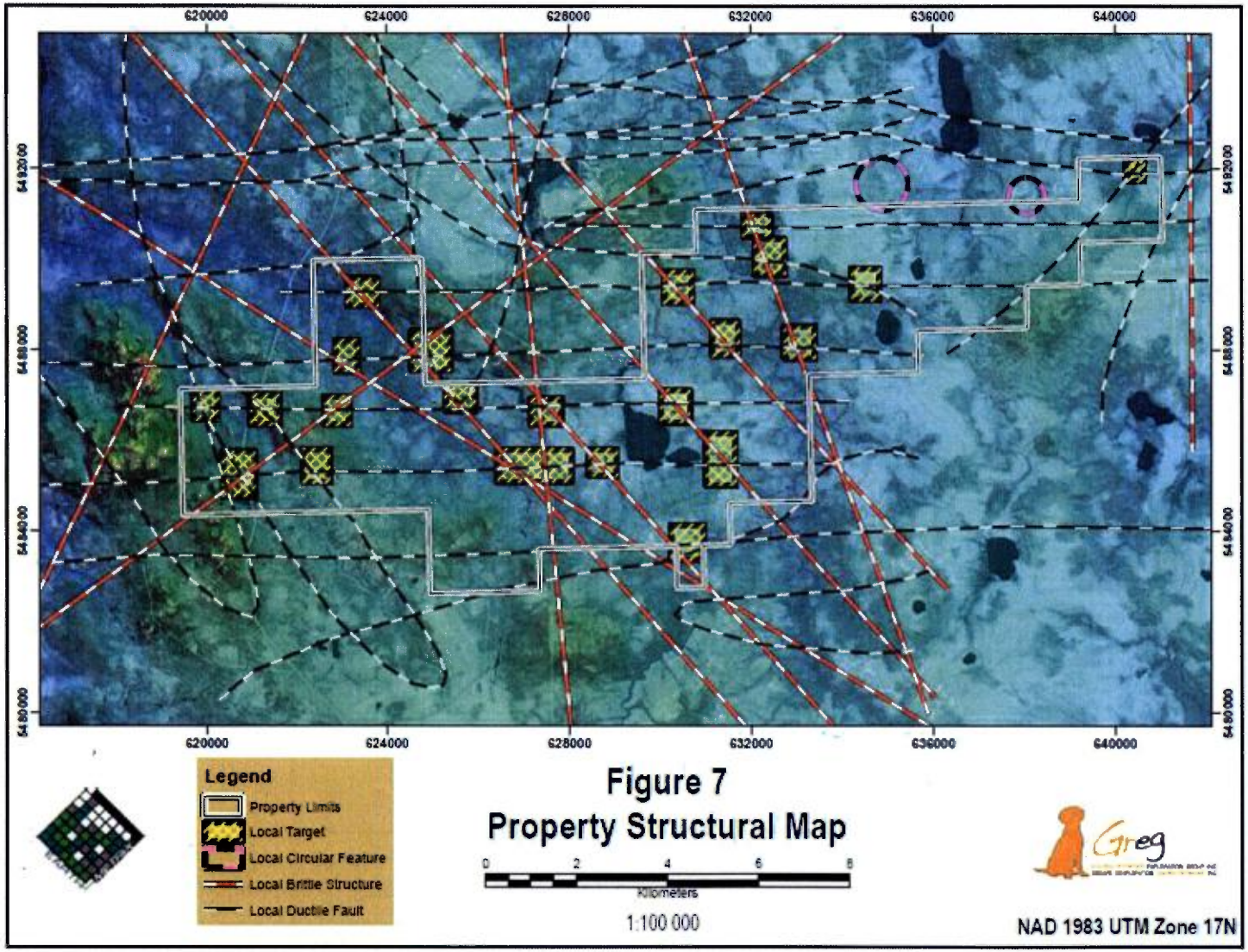


Figure 8: Property Structures overlain on Geological Map (scale 1:100,000)

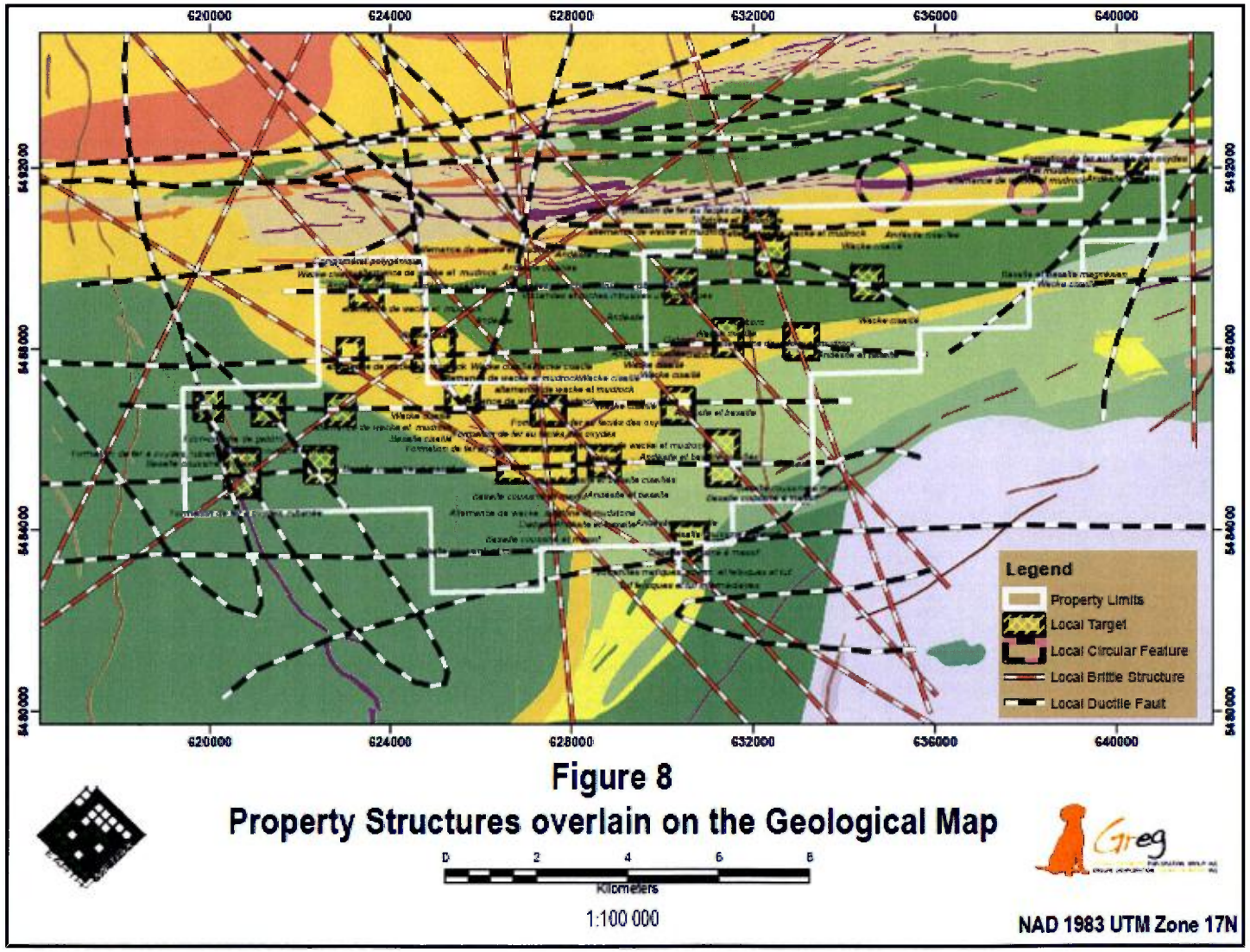
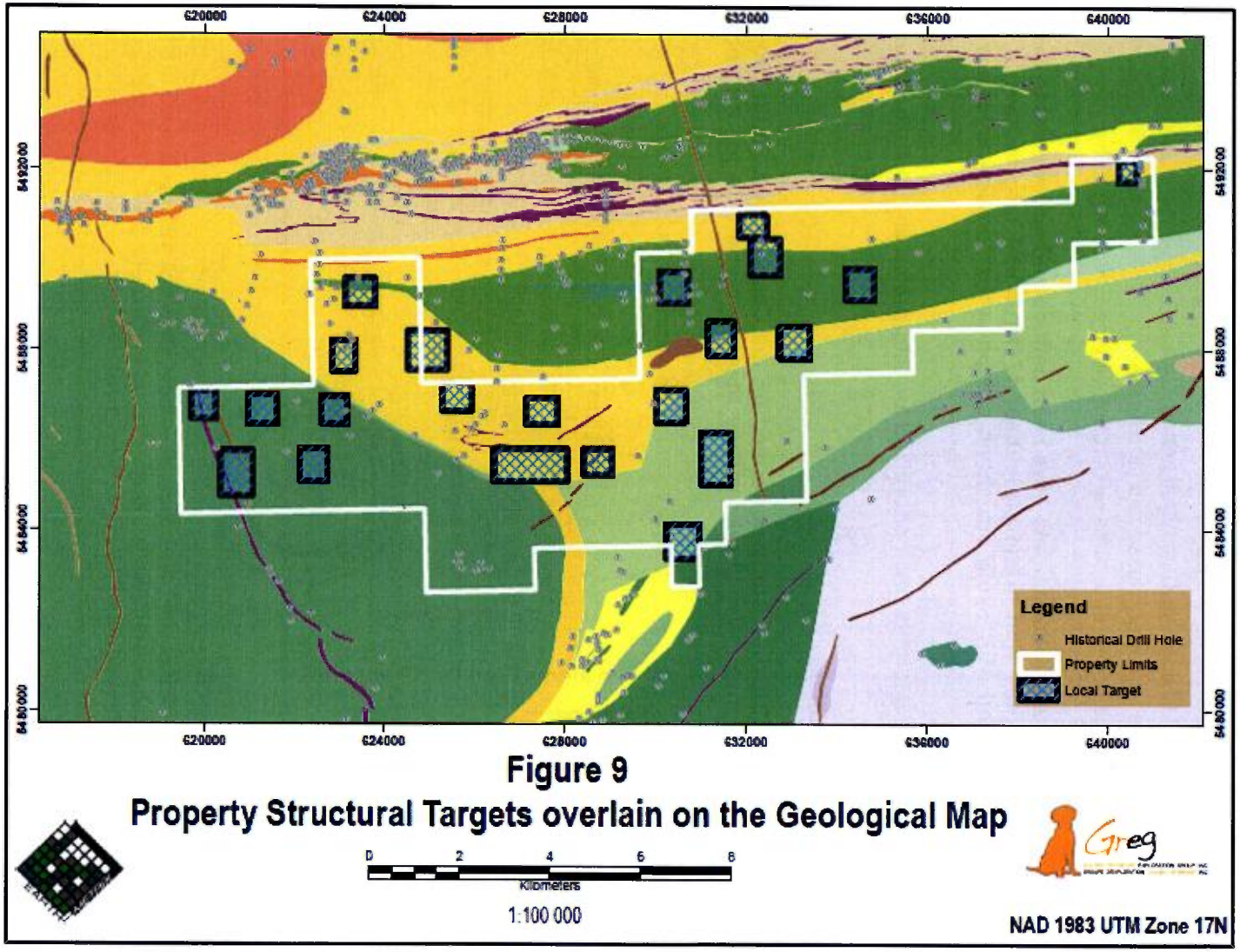


Figure 9: Property Structural Targets overlain on Geological Map (scale 1:100,000)



5.0 EXPLORATION TARGETS DESCRPTION

PROPERTY SCALE STUDY (1 : 100,000, figure 7)

- EW ductile features that are correlated with the geological map of the area
- NNW/SSE and ENE to NE brittle fault zones
- Ovoid structures (inferred closed fold structures)
- Other brittle and ductile structures discordant with the EW stratigraphy.

22 high priority exploration targets have been defined and correspond to the intersection of ductile structures with brittle structures. 17 structural targets haven't been drilled. Targets associated with ovoid structures are prime exploration areas for Base Metals mineralization.

These 22 structural targets once prioritized are interpreted as drill hole targets.

6.0 CONCLUSION

This geological/structural study performed on the Casa Berardi South property allowed us to determine major structural features that are favourable for Au and Base Metal mineralization.

Therefore, it is recommended to:

1) Perform a correlation analysis with existing DDH data from nearby mineralized areas in order to further prioritize structures and/or targets.

2) Drill prioritized structural targets identified in this study.

GÉOLOGUE / GEOLOGIST
ALAIN MOREAU # 1298
QUÉBEC

Alain Moreau, P.Geo (OGQ #1298), M.A Sc. Geological Engineering
Président Technologies Earthmetrix Inc.
Montréal, this November 28, 2014

APPENDIX

Certification

Certification

I, Alain Moreau (OGQ #1298), do hereby certify that:

1. I am a consultant geologist for EarthMetrix Technologies Inc., located at 6661, des Écores, Montreal, Quebec, H2G 2J8;

2. I graduated from École Polytechnique de Montréal with a Master Degree in Geological Engineering (M.A.Sc., 1987). I also have an Honours Bachelor Degree from Université de Montréal (B.Sc., 1980). I have practised my profession continuously since that time.

3. I am a member of the Ordre des Géologues du Québec, # 1298;

4. I work in the Mining Industry since 27 years;

5. I am responsible for the preparation of this report (Casa Berardi South property). The work has been executed between October 8 and November 19, 2014;

6. I have no personal knowledge as of the date of this certificate of any material fact or change, which is not reflected in this report;

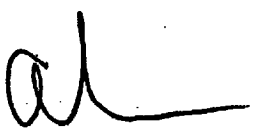
7. I do not have at present any implication or interests in the Casa Berardi South property;

8. I am independent from GREG Exploration Inc.;

9. I have read the NI 43-101 guidelines and have prepared the technical report in compliance with these and in conformity with generally accepted mineral exploration industry practices;

10. I consent the use of this report for assessment work and disclosure to regulatory authorities.

Dated, this November 28, 2014 in Montreal, Québec, Canada



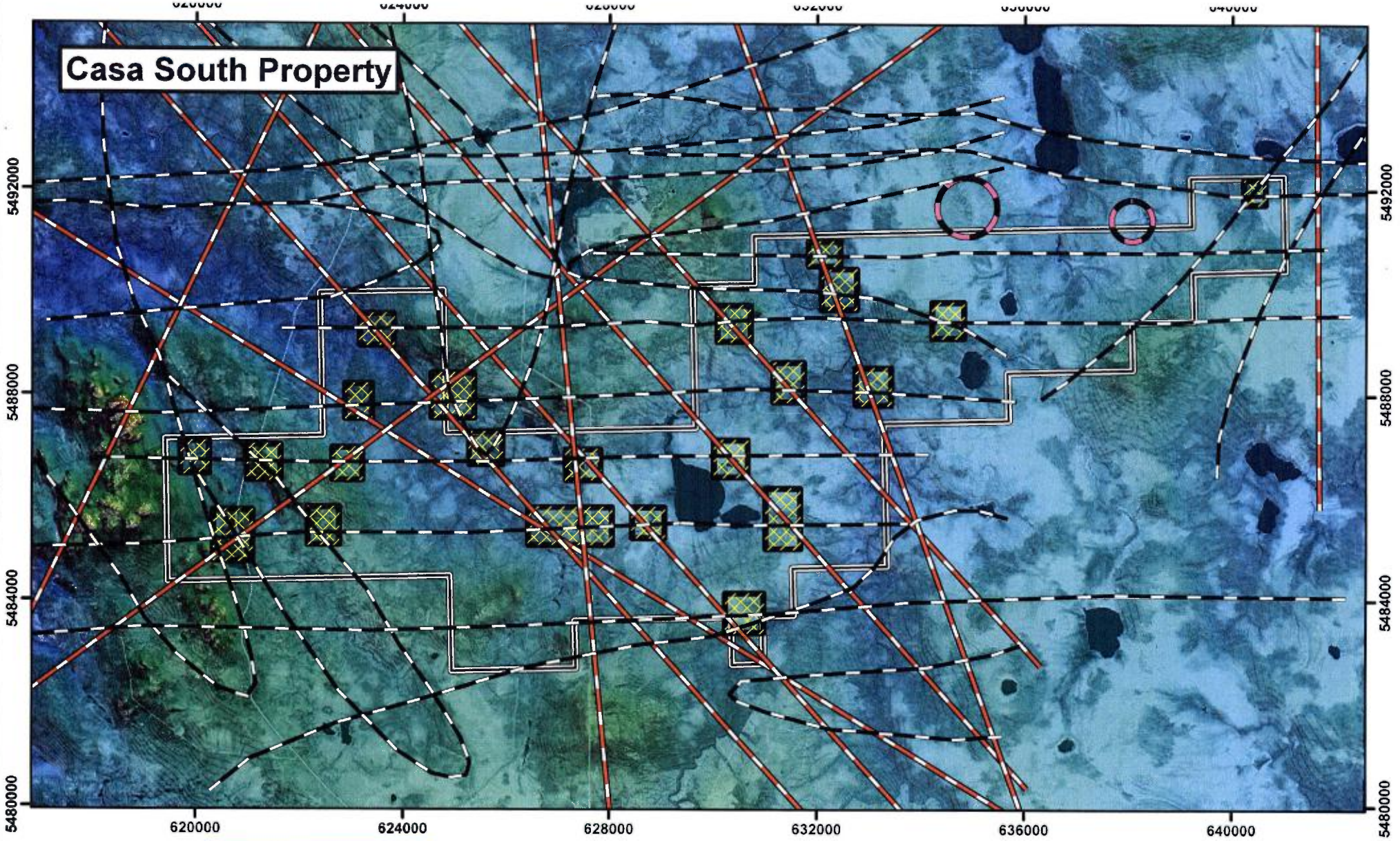
Alain Moreau
Geologist, M.A.Sc., P. Geo.

APPENDIX 4

List of Maps

List of Maps

1. Regional Structural Map
2. Property Structural Map



Legend

- Local Ductile Fault
- Local Brittle Structure
- Local Circular Feature
- Local Target
- Property Limits

Property Structural Map

0 2 4 6 8

Kilometers

1:100 000

NAD 1983 UTM Zone 17N