

2003 GEOPHYSICAL REPORT
ON THE
CANYON GOLD (DOZER PROSPECT)

Whitehorse Mining District

NTS: 105K/3

Latitude 133° 07', Longitude 62° 09'

By

Allen Carlos

September 3 - 9, 2003



094386

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INTRODUCTION

The DOZER target zone occurs along the same structural influence responsible for the Grew Creek deposit, 18 Km distant. The latter is well documented in Yukon Geology (Vol.3) by Christie, Duke and Rushton.

PROGRAM 2002

2625 meters of line were newly cut or refurbished over a previously established geochemical target, determined by both conventional and mobile element means (Enzyme Leach).

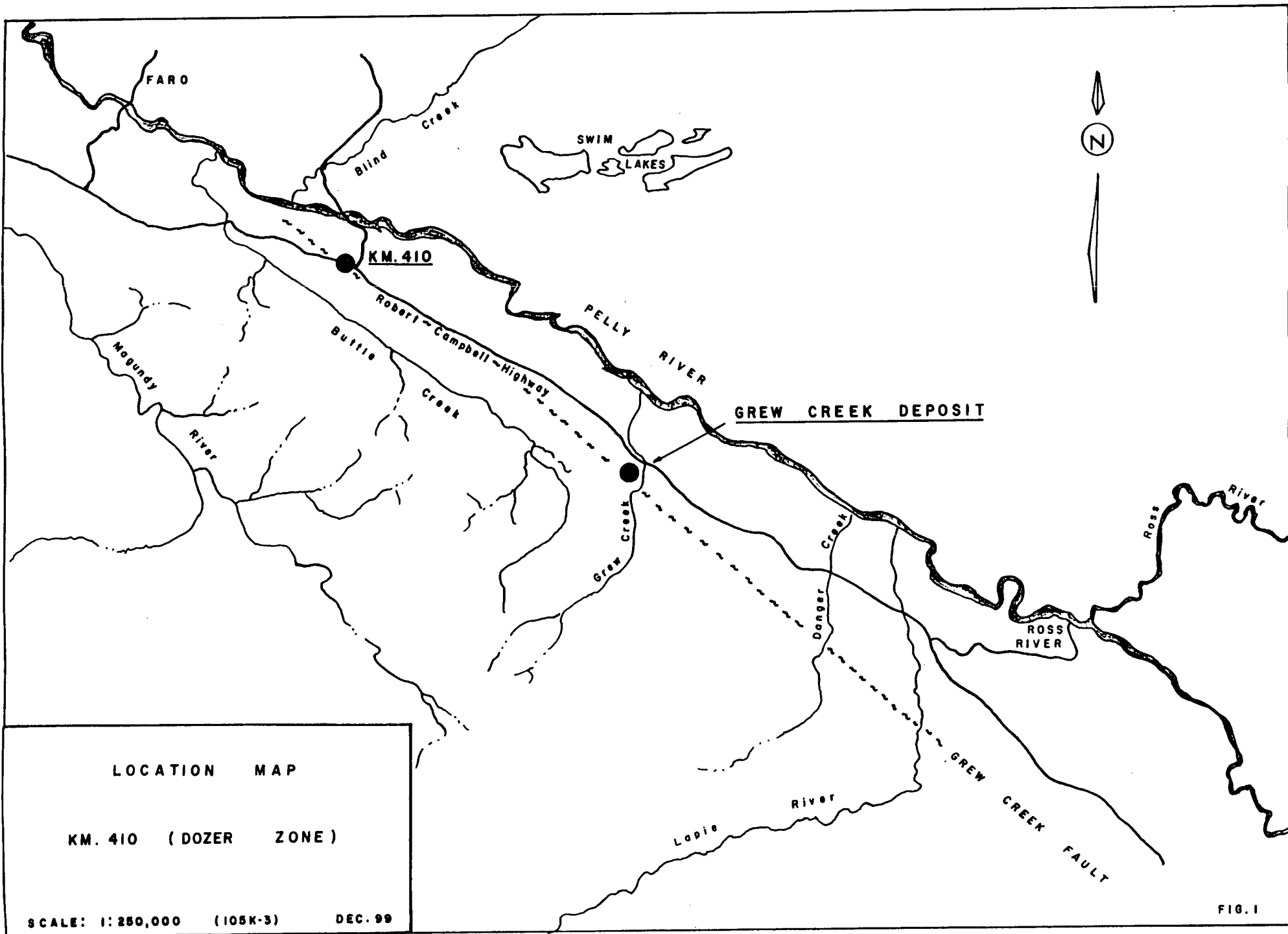
Magnetometer (SCINTREX MP-2) and V.L.F. E.M.-16 surveys were performed and plotted.

HISTORY AND PROJECT SUMMARY

In July of 1999, 14 DOZER claims were staked to cover an interesting airborne geophysical feature located proximal to Permian limestone exposures (Fig. 2-Fig.3).

This target zone occurs immediately north of the Canyon Graben, within which locally altered Tertiary volcanic and sedimentary units, anomalous in Au and other indicator elements, are present.

From a perspective of geology, structure, location and airborne geophysical signature (Appendix 1), the target warranted attention.



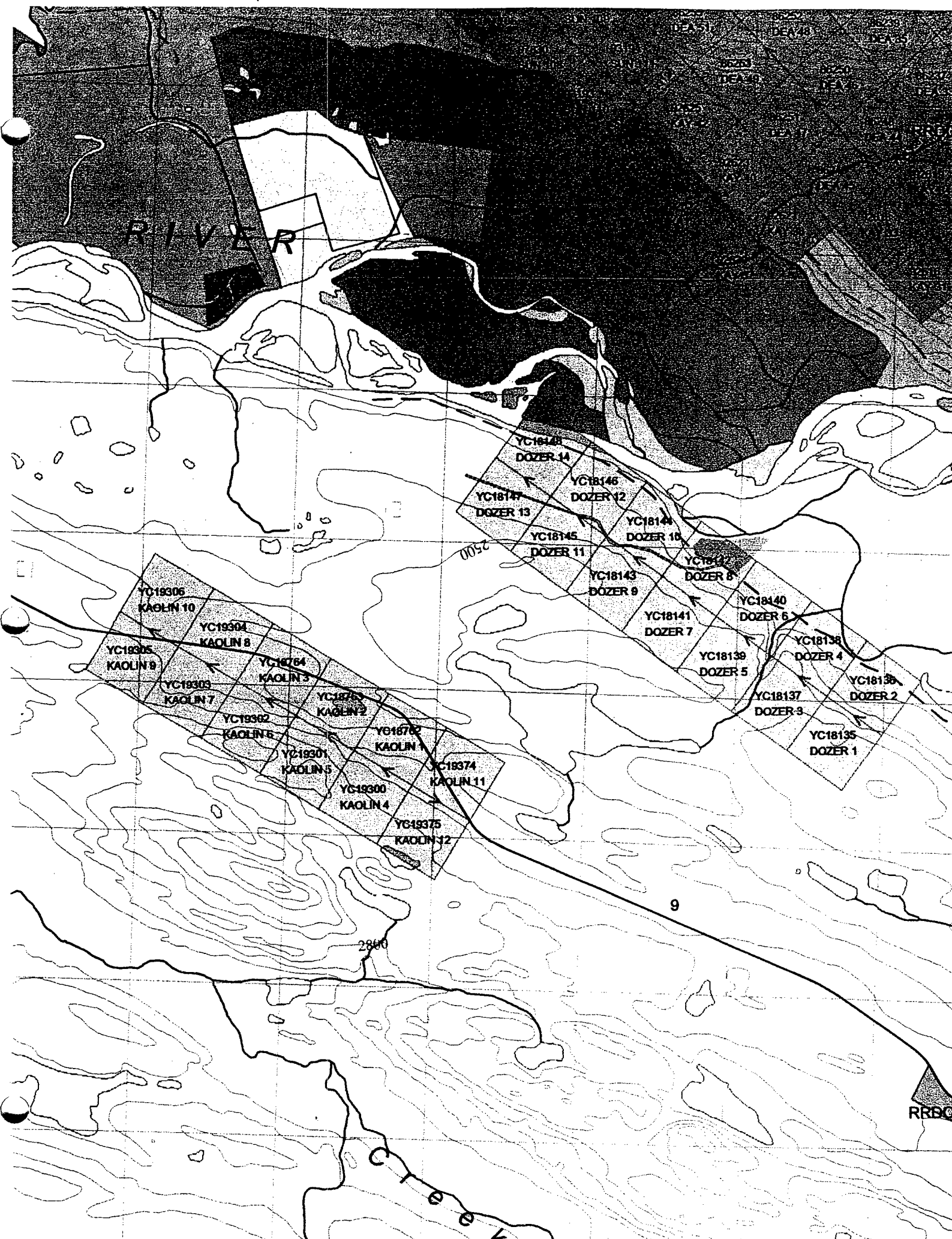
LOCATION MAP

KM. 410 (DOZER ZONE)

SCALE: 1:250,000 (105K-3) DEC. 99

FIG. 1

RIVER



2800

9

Creek

RRDC

In 1999 a total of 148 deep soil samples were strategically taken over a 3 Km baseline distance in order to initially assess the geophysical features. Results were positive (summary report: July 23-Aug. 20, 1999). Of the 2 geochemically anomalous zones determined, the easterly one was further tested in 2000 with a more comprehensive Enzyme Leach survey. The results refined and confirmed the initial conventional geochemical approach (Gregory T. Hill, 28 Jan. 2001).

DISCUSSION OF SURVEY RESULTS

Fig.4 portrays a 40 gamma magnetic anomaly flanking the geochemical anomaly center. The magnetics very likely reflect a Tertiary mafic unit. Fine and coarse grained intersections of these rocks were encountered in drilling of the Grew Creek deposit.

The more intense southerly V.L.F. E.M. conductive zone correlates with the location of a possible fault, initially suggested by Gregory T. Hill in his report of the Enzyme Leach results. In our initial deep sampling of 1999, clay rich black to dark grey till was noted along this trend, most likely due to a carbonaceous fault origin.

CONCLUSIONS

Geochemical results have positively defined a distinct target. The presently discussed ground geophysical survey indirectly supports the possibilities of a mineralized zone.

Enzyme Leach geochemical patterns led Gregory T. Hill to pattern a structural interpretation, which is noted in Fig.4 and Fig.5. See also his report of Jan. 28, 2001. This is portrayed as a right lateral fault with a proposed inflection occurring at a point of most intense alteration and potential mineralization. This fault interpretation by Gregory has been validated to a great degree by a recent report by L.C. Pigage (open file 2001-31). Just such a fault with the required trend has been determined a short distance to the east.

Drilling is recommended.

EM Anomalies

Conductivity Thickness (mhos)

- 0 - 1
- 1 - 2
- ⊖ 2 - 4
- ⊙ 4 - 8
- ⊕ 8 - 15
- 15 - 30
- 30



EM Anomaly A. 4600 Hz
In phase amplitude 7 ppm.
Conductivity thickness
1-2 mhos (see code).

INTERPRETATION LEGEND

- Interpreted bedrock conductor axis
- Possible bedrock conductor axis
- Fault
- Conductive Zone
- Magnetic trend
- Contact

PRIME EXPLORATIONS LTD

INTERPRETATION

PELLY RIVER

YUKON TERRITORY

SCALE 1:10,000

0 330 660 1320 1/2 MILE

0 100 200 500 1 KILOMETRE



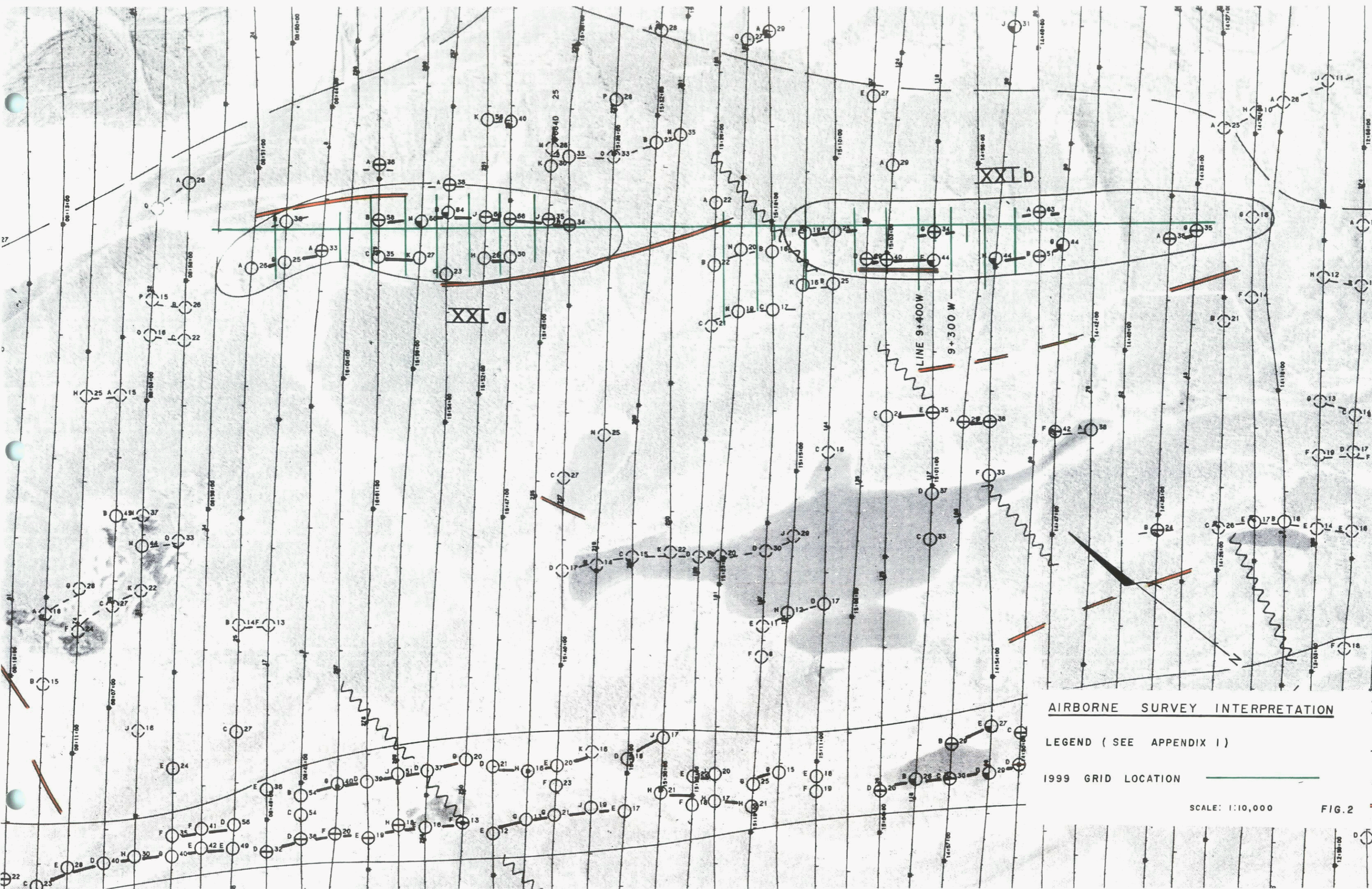
AERODAT LIMITED

DATE: MARCH/APRIL 1988

NTS No: 105 K/3

MAP No: 3

J8815-6



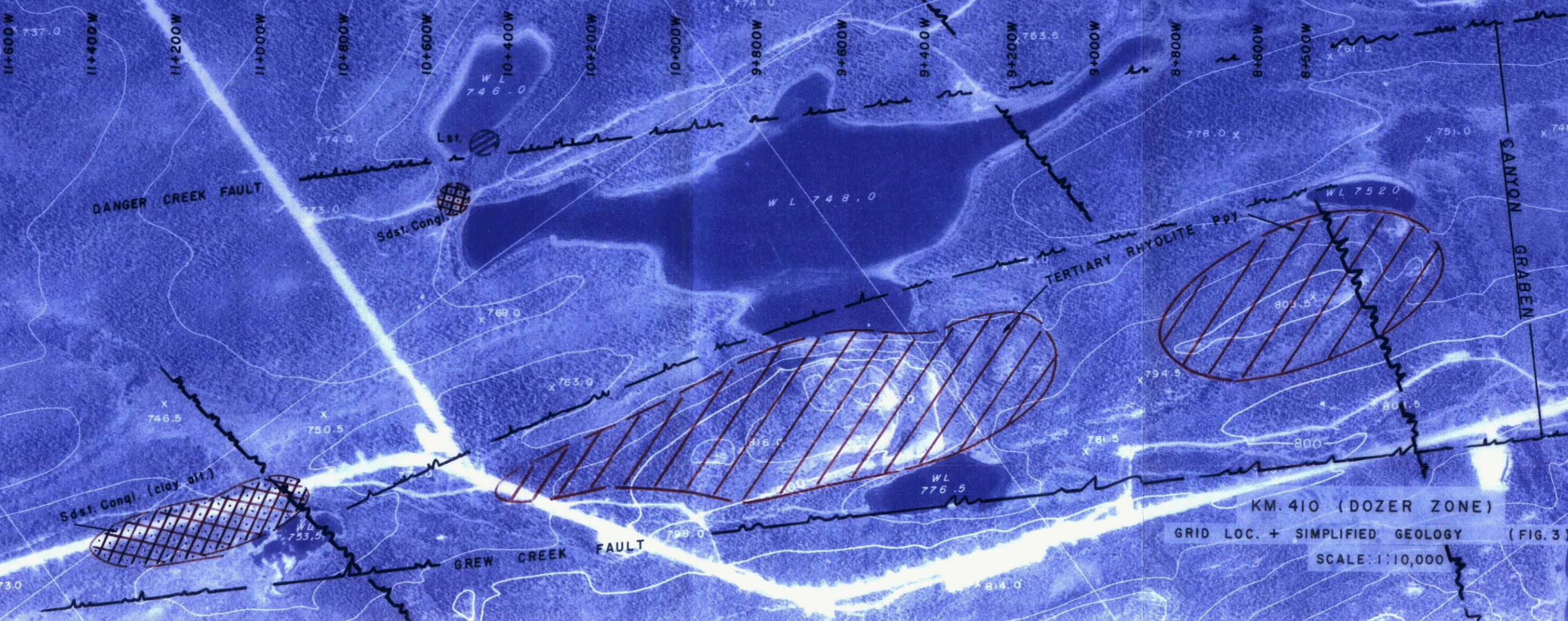
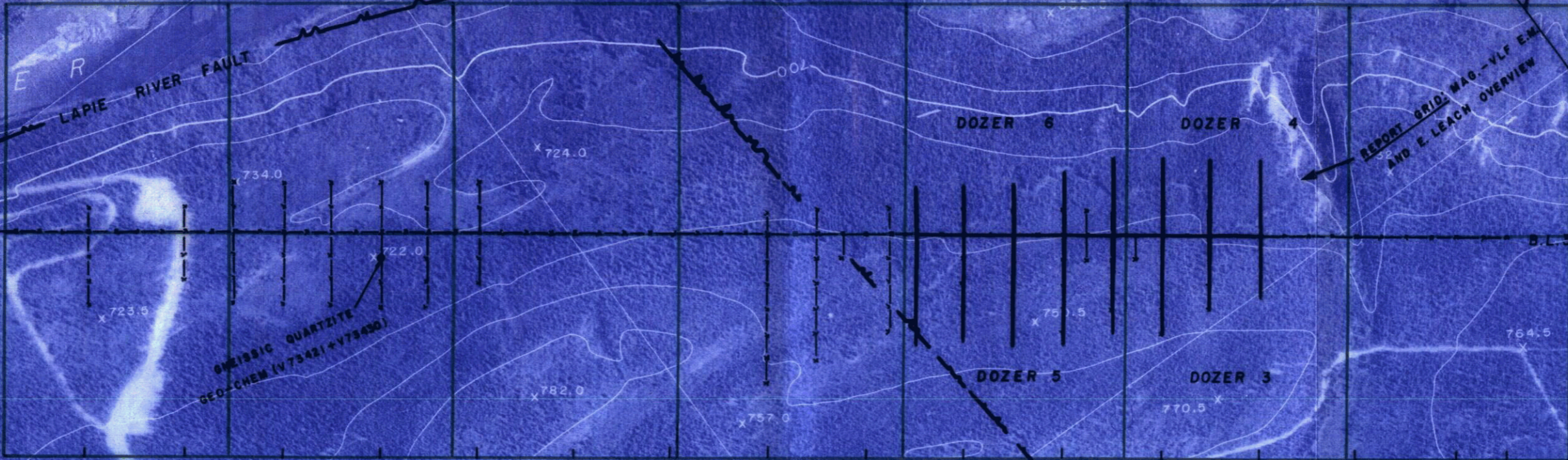
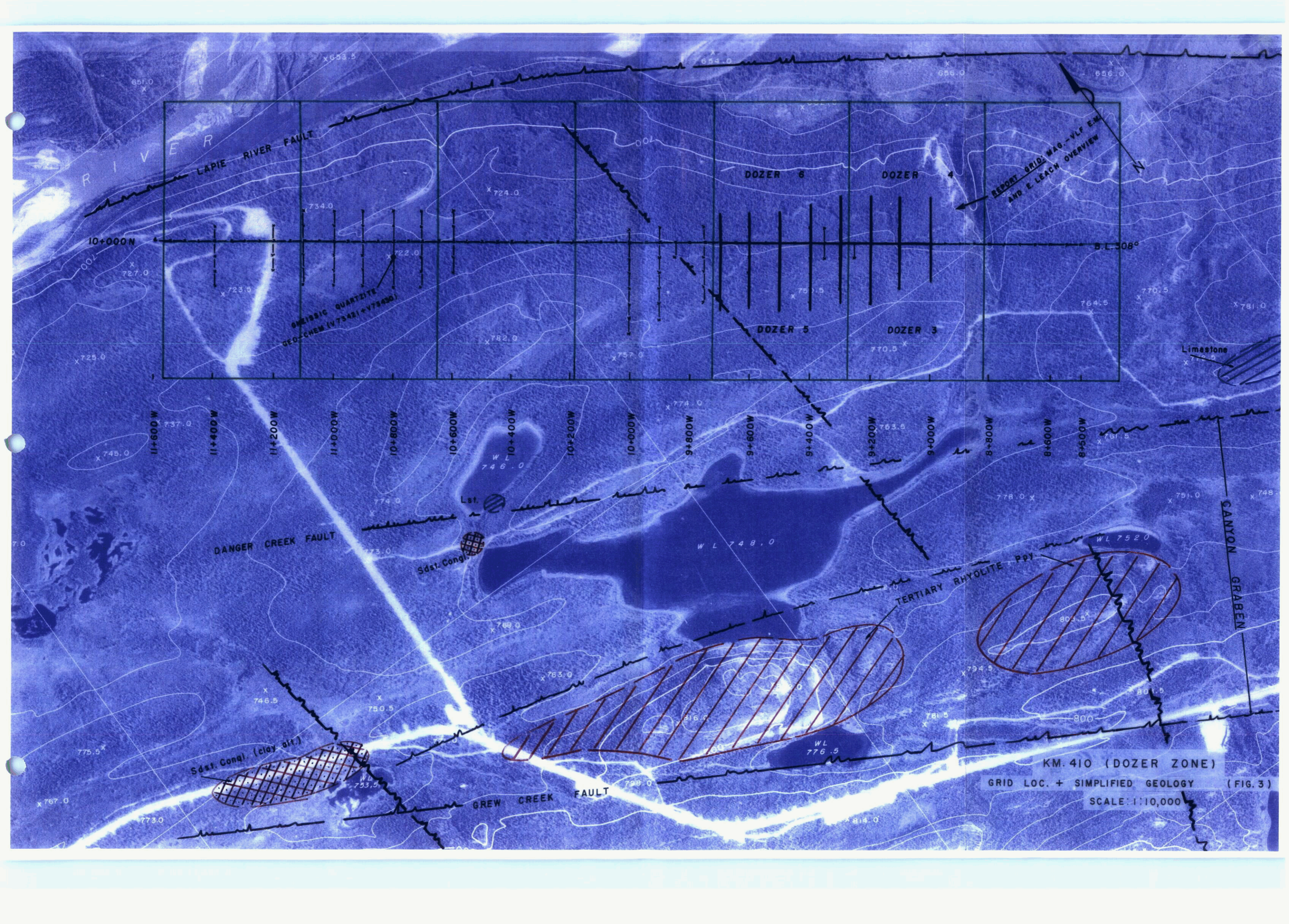
AIRBORNE SURVEY INTERPRETATION

LEGEND (SEE APPENDIX I)

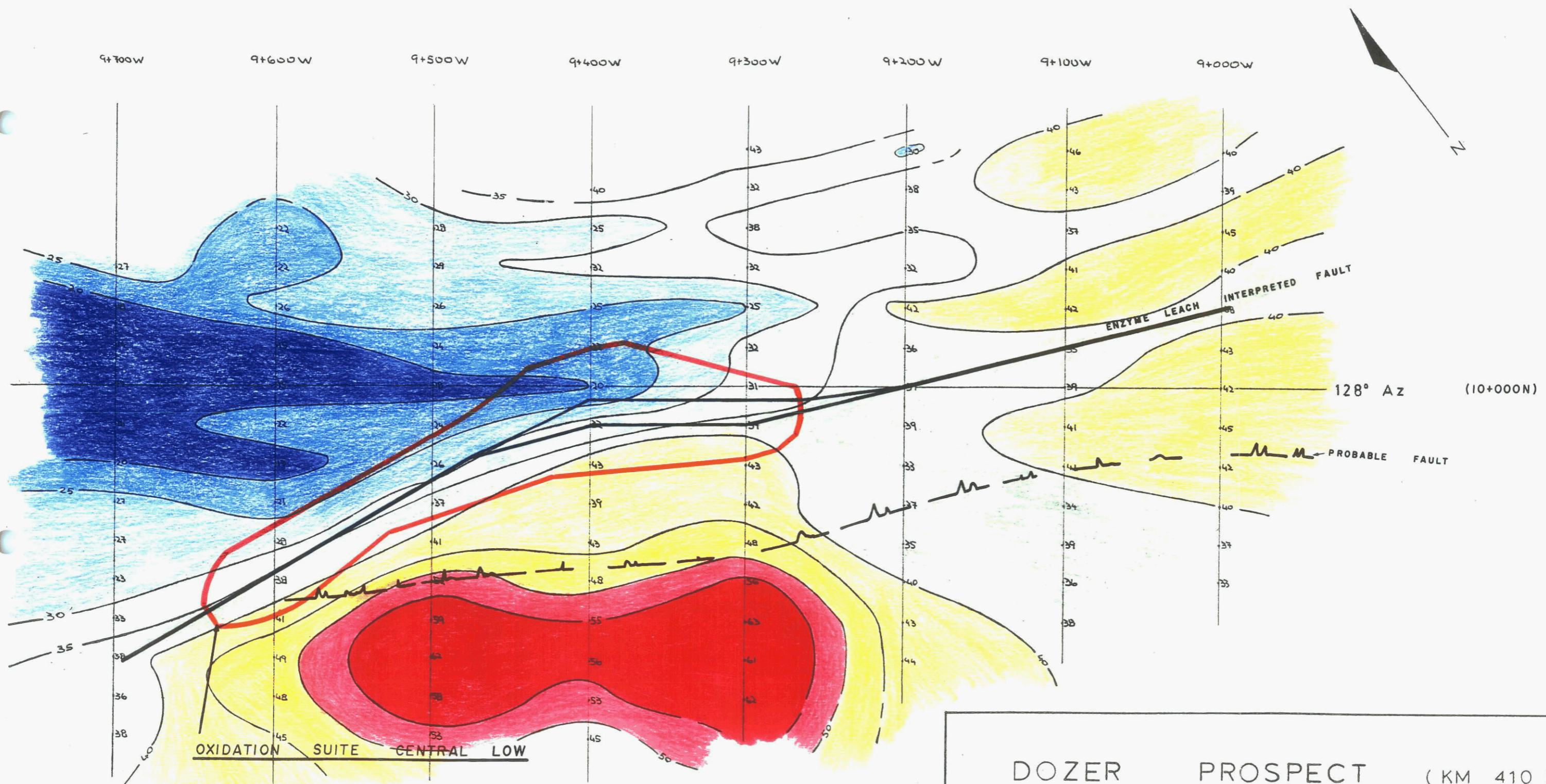
1999 GRID LOCATION ———

SCALE: 1:10,000

FIG. 2

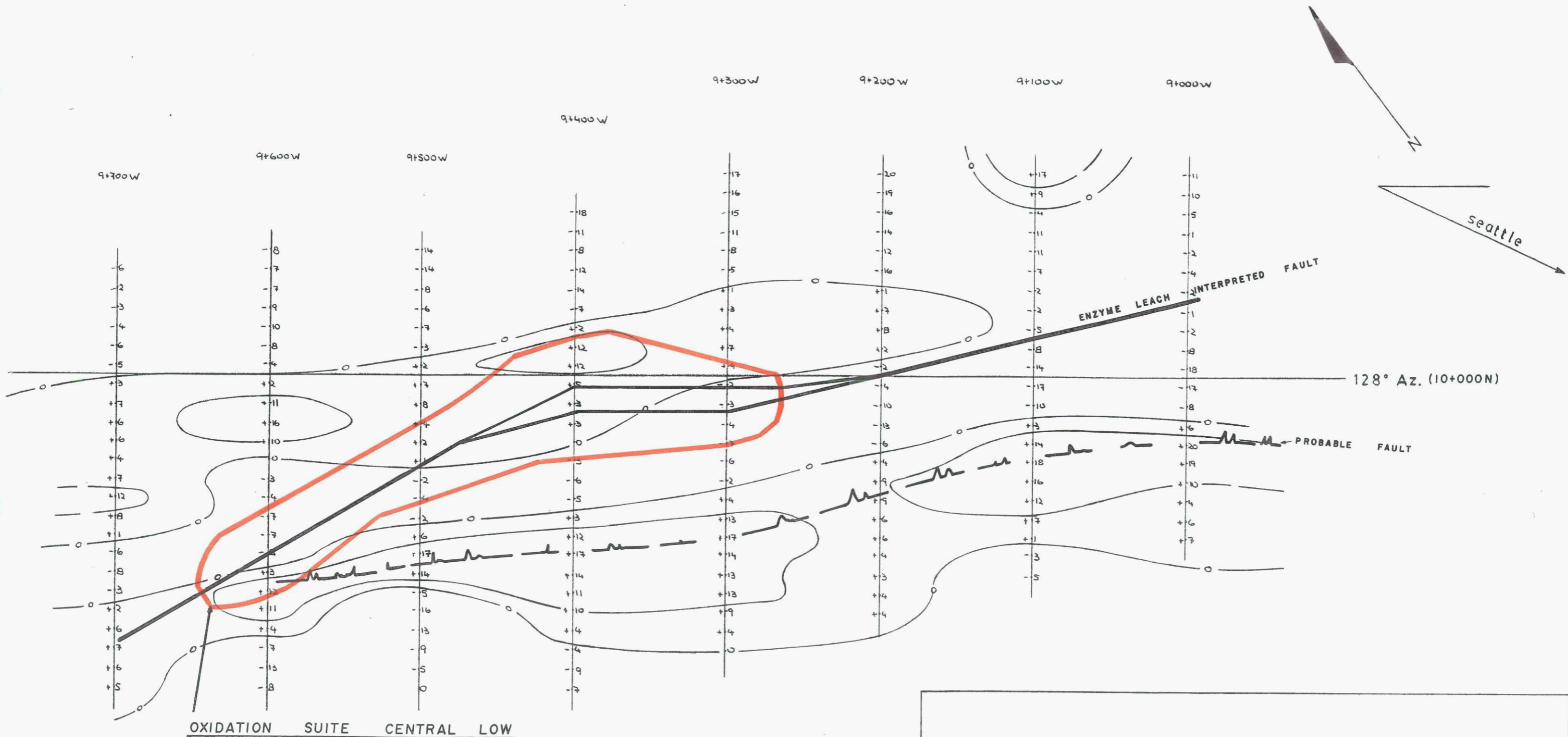


KM. 410 (DOZER ZONE)
 GRID LOC. + SIMPLIFIED GEOLOGY (FIG. 3)
 SCALE: 1:10,000



NOTE: SEE 1999 DOZER REPORT (fig.6) FOR INTERESTING
 CONVENTIONAL SOIL SURVEY RESULTS RELATIVE TO
 TARGET (OXIDATION SUITE CENTRAL LOW).

DOZER PROSPECT (KM 410)
 CANYON GOLD PROPERTY
 Magnetometer survey (scintrex MP-2)
 FIG. 4 nts 105K-3 SCALE 1:2500



NOTE: SEE 1999 DOZER REPORT (fig.6) FOR INTERESTING
 CONVENTIONAL SOIL SURVEY RESULTS RELATIVE TO
 TARGET (OXIDATION SUITE CENTRAL LOW).

DOZER PROSPECT (KM. 410)		
CANYON	GOLD	PROPERTY
fraser	filter	plot
FIG. 5	nts 105 K-3	SCALE 1:2500

APPENDIX I

ASSESSMENT OF AIRBORNE

GEOPHYSICAL FEATURES

Conductors XXIa and XXIb. These groups of mostly moderate quality conductors are located along the eastern sheet boundary. Group XXIa appears to be related to a well defined magnetic anomaly, or a unit. In contrast, group XXIb occurs in an area of virtually no magnetic activity. Short strike length and moderate quality of these conductors, as well as the termination by structural features and/or magnetic association of some conductors make them attractive exploration targets. Ground follow-up is recommended.

APPENDIX 2

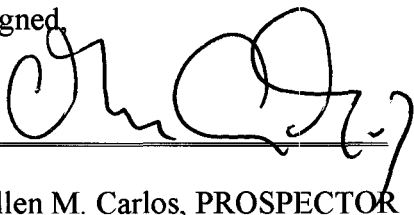
STATEMENT OF QUALIFICATIONS

ALLEN M. CARLOS, PROSPECTOR

I, Allen M. Carlos of Whitehorse, Yukon Territory, hereby certify that:

1. I have been actively engaged as a mineral prospector in Western Canada for 35 years, initially for a major company, then as an independent.
2. I studied 3 years at the University of Saskatchewan:
One year of Engineering followed by 2 years Arts and Science (Geology).
3. I worked one year in northern Saskatchewan as a student assistant for the Department of Mineral Resources.
4. I have for the last 18 years spent much time researching papers regarding Volcanic Hosted Epithermal type deposits.
5. In 1983 I was responsible for discovering the Grew Creek precious metal deposit, the first epithermal deposit of this type along the Tintina Trench in Yukon.

Signed



Allen M. Carlos, PROSPECTOR

Nov. 25, 2003

APPENDIX 3

SUMMARY OF FIELD EXPENDITURES

2002 MAG. and E.M.

SURVEYS

Summary of Expenditures/Work Performed

Grid establishment and geophysical survey costs

▪ Cutting of chainsaw grid & chaining (2.625Km at \$600.00 per)	\$1,575.00
▪ Five man days: travel & survey at \$200.00 per	\$1,000.00
▪ Truck rental (7 days at \$65.00 per))	\$ 455.00
▪ Truck costs: Whitehorse – return (650Km x .42)	\$ 273.00
▪ Drafting, copy and report	<u>\$ 650.00</u>

Total for project

\$3,953.00

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