

MAR 19990009: SWAN HILLS

Received date: Apr 13, 1999

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APR 13 1999
1999 0009

March 31, 1999

Gold Corp.
4355 68 Street
Edmonton, Alberta
T6K 0T7

Alberta Energy
Petroleum Plaza, North Tower
9945 108 Street
Edmonton, Alberta

Attn: Mr. Brian Hudson
Manager, Mineral Agreements


Re: Assessment Work Report, Metallic and Industrial Permits
Permit #9397010004, 9397010005, 9397010006, 9397010007.

Dear Sir,

Through the work done over the past two years we have concluded permit numbers 9397010004 through 9397010007 be retained for another two year period.

It is respectfully requested that these permits be renewed for another term of two years.

Sincerely,


Gold Corp.
James Empson, President

GOLD CORP.

METALLIC MINERAL EXPLORATION
PERMIT ASSESSMENT REPORT
SWAN HILLS PROSPECT, ALBERTA

James Empson & Liz Comrie
March 31, 1999

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SUMMARY

The following report outlines assessment work performed on the Swan Hills Area Prospect in Central Alberta. Much work was completed this period including, an area review, access availability, satellite imagery, aerial magnetics, surface prospecting, stream sediment sampling, subterranean isotope sensing, and a bulk sample extraction program.

This work indicates the presence of gold, platinum, other precious metals, all of which seem to be from numerous eruptions over a considerably large area.

INTRODUCTION

Over the past two year period Gold Corp carried out an extensive Subterranean Isotope Sensor survey of the permit area. This along with information gathered from surface prospecting and a comprehensive stream sampling program have helped us understand the origin of these minerals. The Isotope Sensor Survey has also indicated numerous anomalies considered to be volcanic eruptions. The indicator minerals being found by surface sediment sampling suggest these eruptions to be kimberlite intrusions.

LOCATION AND ACCESS

The property is located in Cental Alberta, north of the town of Swan Hills and south of Lesser Slave Lake, with Hwy. 33 running through the length of all four permits. (See Figure 1) The property lies on four permits encompassing 36,848 hectares. The location and area of the permit are outlined in Table 1 and displayed in Figure 2.

TABLE 1: LOCATION AND AREA OF PERMIT

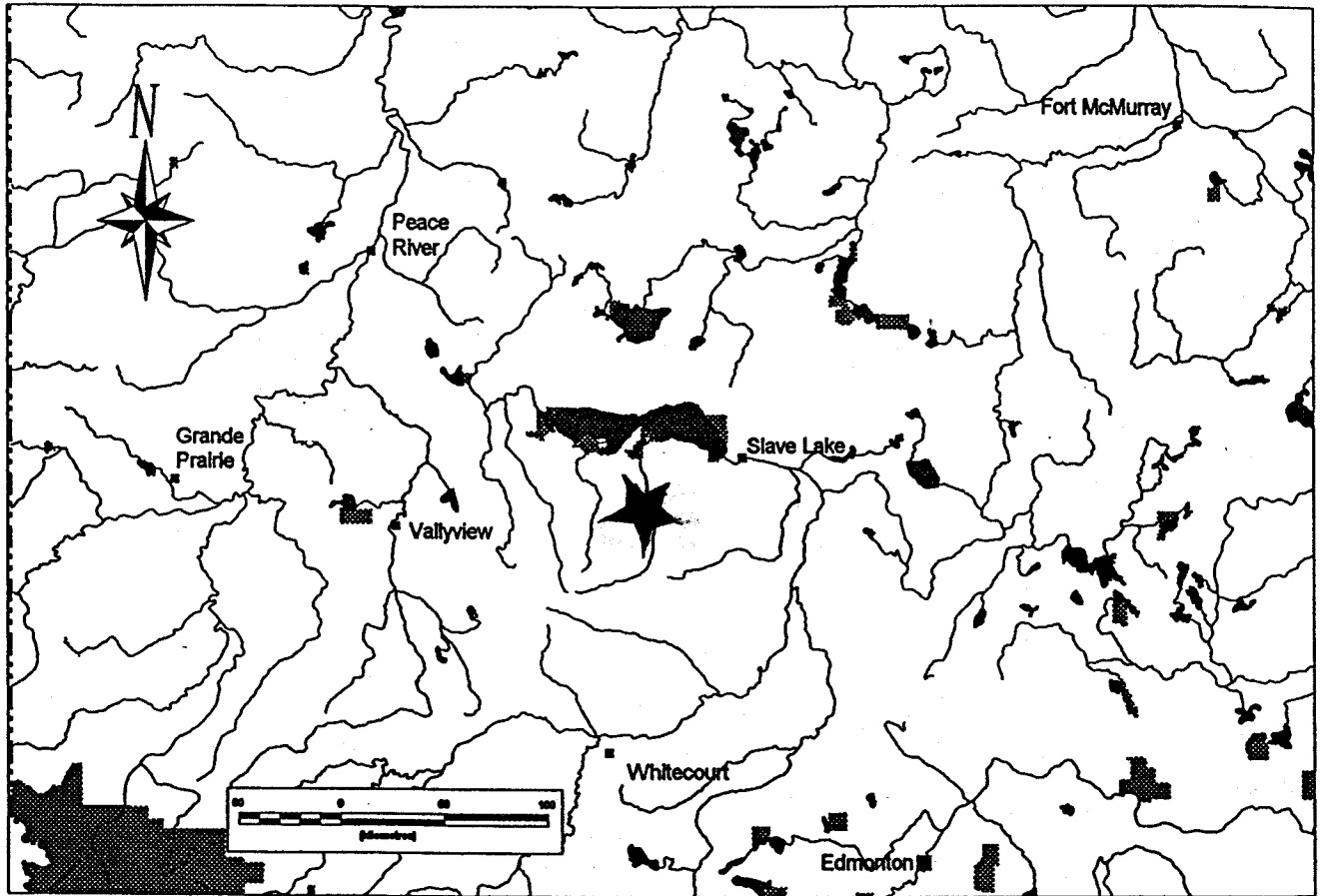
Permit Number	Location	Area
9397010004	Twp 68 - Rge 09 - W5	9,216 Hectares
9397010005	Twp 69 - Rge 09 - W5	9,216 Hectares
9397010006	Twp 70 - Rge 09 - W5	9,200 Hectares
9397010007	Twp 71 - Rge 09 - W5	9,216 Hectares

PERMIT TABULATION

Permit #9397010004 through #9397010007 are held by Gold Corp. This report is being submitted by James Empson and Liz Comrie, both of Gold Corp.

FIGURE 1

Location Map Of Permits



SCALE: 1 : 3 500 000

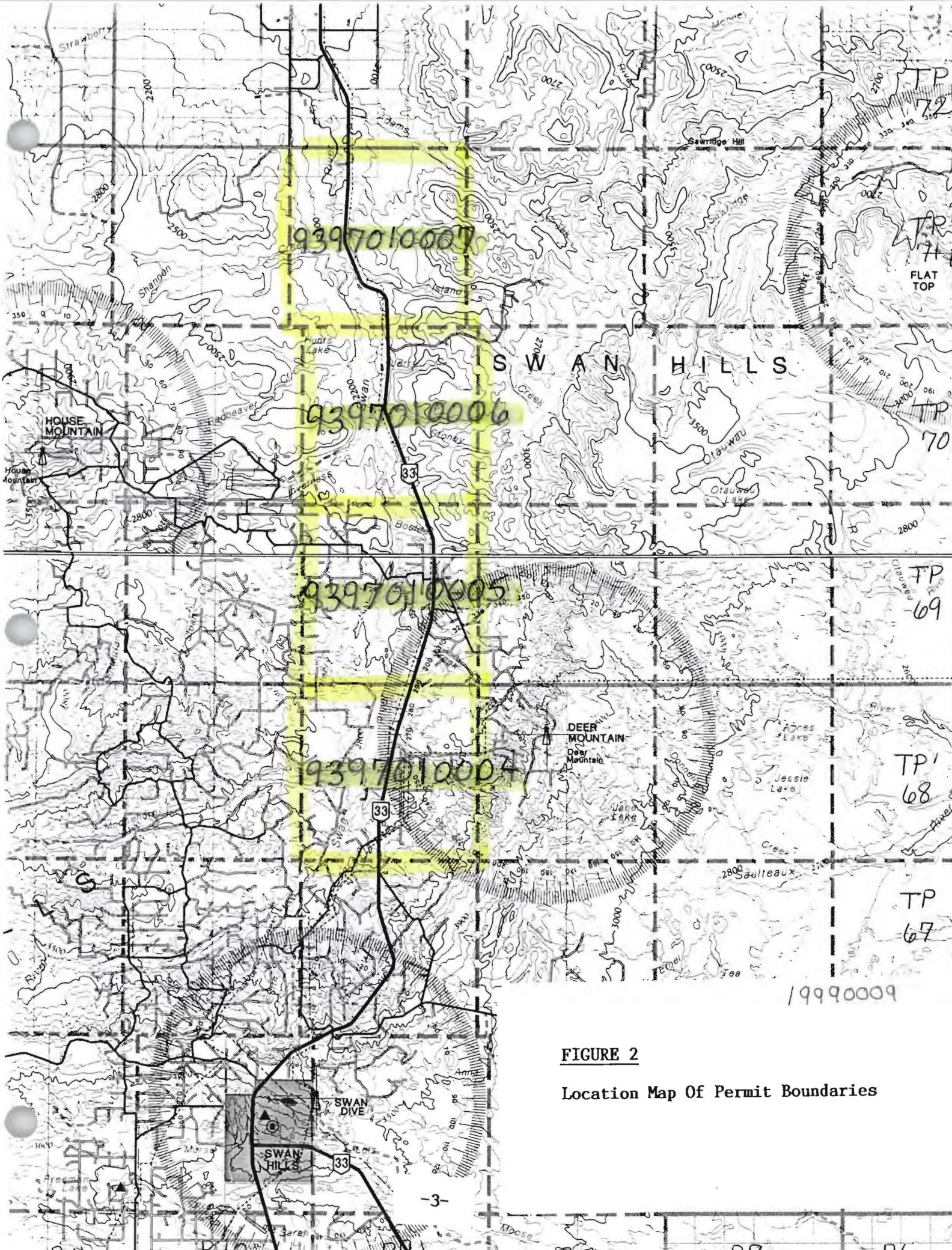


FIGURE 2

Location Map Of Permit Boundaries

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WORK PERFORMED

Gold Corp conducted a very extensive exploration program this period on the Swan Hills Prospect. Many roads, cutlines etc. allowed access to the numerous streams and rivers, giving a very good overall view of much of the property.

With excellent access and the use of a mobile Subterranean Isotope Sensor, large areas of the permit property were covered. The type of Isotope Sensor used was an "Algor X110". After the initial findings had been reviewed, the Isotope Sensing equipment was used in conjunction with a comprehensive stream sampling program. These samples were taken and washed, using panning equipment, then field evaluated.

Also during this period a review of the permit areas was conducted from the office using available maps, published information, satellite imagery and aerial magnetics.

The two northern most townships (70-09-W5 & 71-09-W5) were flown by Spectra Exploration Geoscience Corp. (See figure 4A, 4B, 4C, 4D) The information was then given to Tom Bryant for evaluation. (See figure 5)

Satellite Imagery taken on all four permits was given to J. H. Siferd of Calgary for evaluation. (See figure 6)

On completion of these evaluations, Isotope Sensing In many of the indicated areas was performed.

Bulk samples were then taken from three areas using a tracked backhoe.

The samples extracted ranged in size from five to one hundred pounds.

Care was taken when digging the 14' holes in order to maintain close control on stratigraphy (See figure 7) Reclamation of the extraction areas is under way.

CONCLUSION

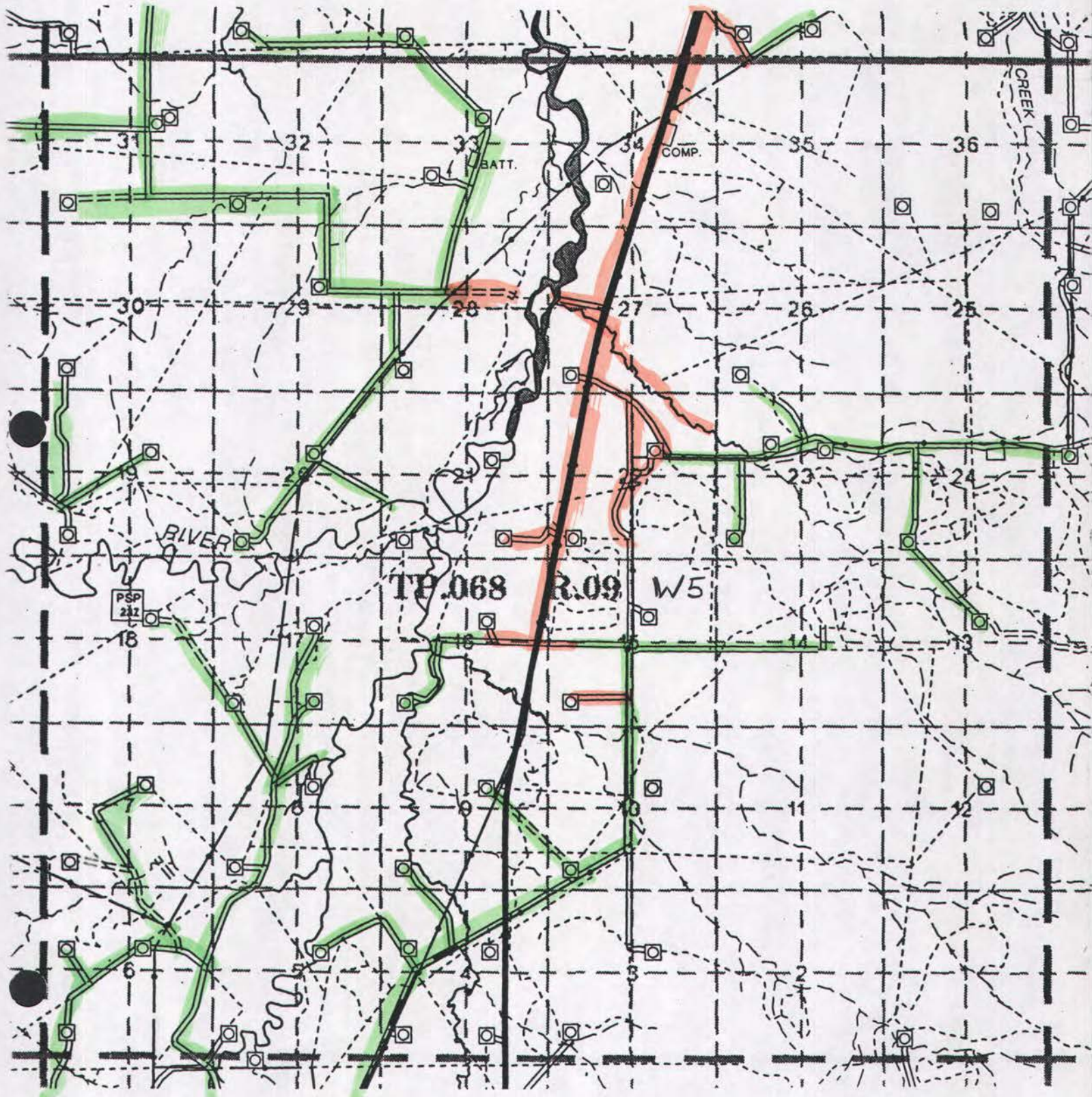
Through the work done to date, we have concluded the permit properties require further exploration with emphasis on what seem to be numerous small volcanic eruptions. Indications show that the gold, platinum and indicator minerals associated with diamonds are being collected by the flow of water near or above these eruptions.

With the size and quantity of the metals being found, we believe the potential to recover the gold and platinum is economically viable.

FIGURE 3A

Subterranean Isotope Sensor Readings

Orange --- High
Green --- Low



19990009

FIGURE 3B

Subterranean Isotope Sensor Readings

Orange --- High

Green --- Low

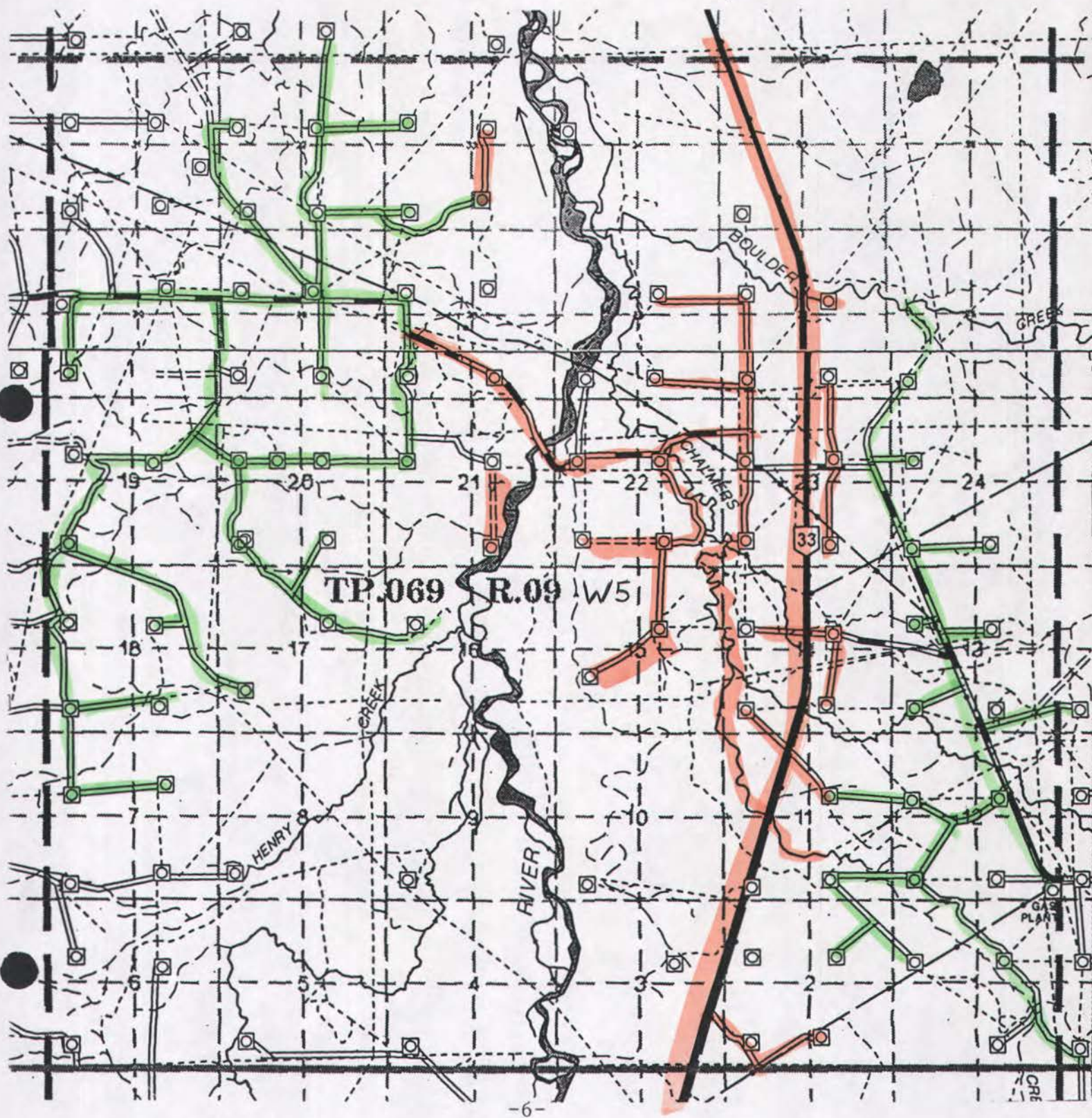


FIGURE 3C

Subterranean Isotope Sensor Readings

Orange --- High

Green --- Low

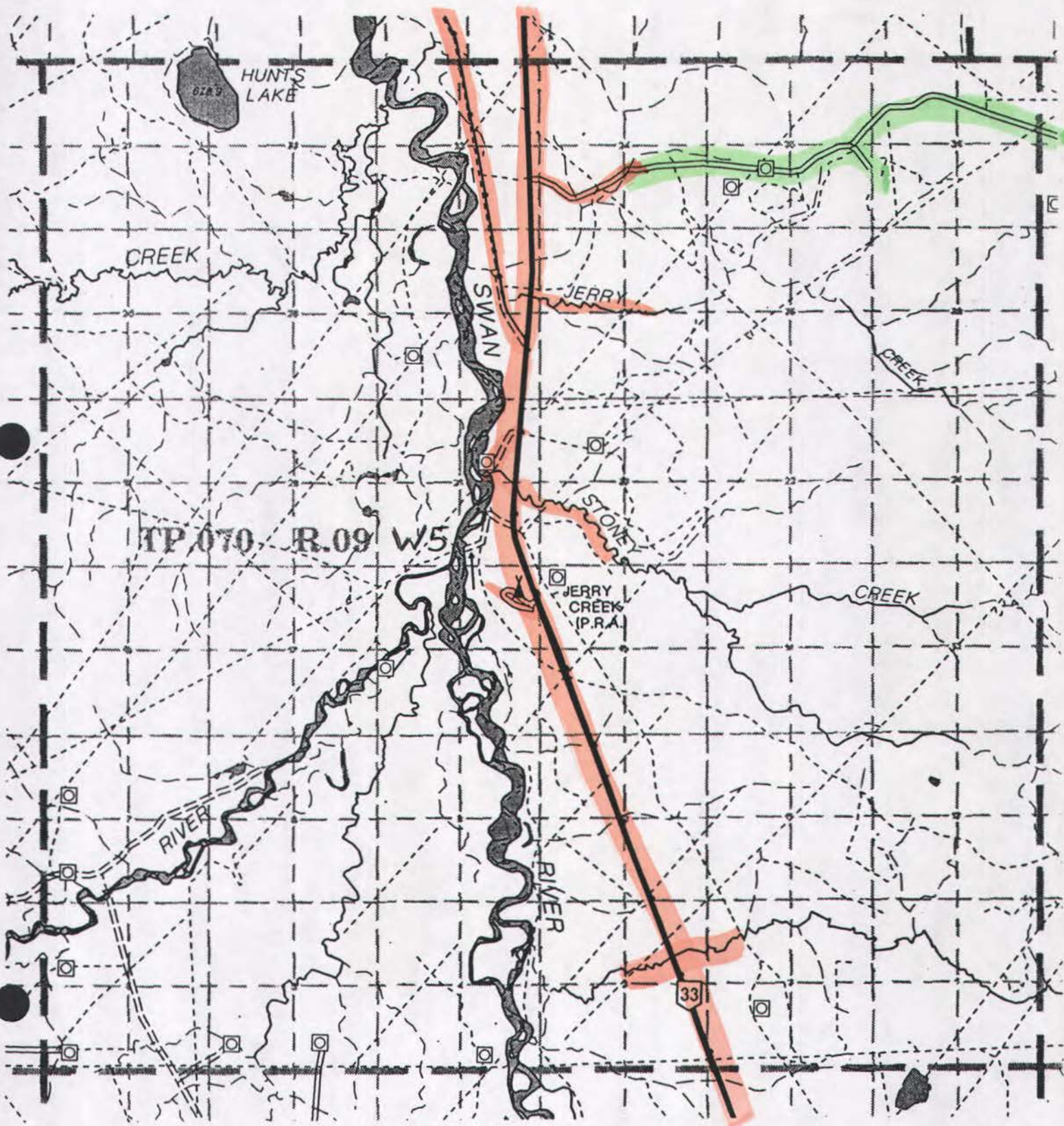


FIGURE 3D

Subterranean Isotope Sensor Readings

Orange --- High

Green --- Low

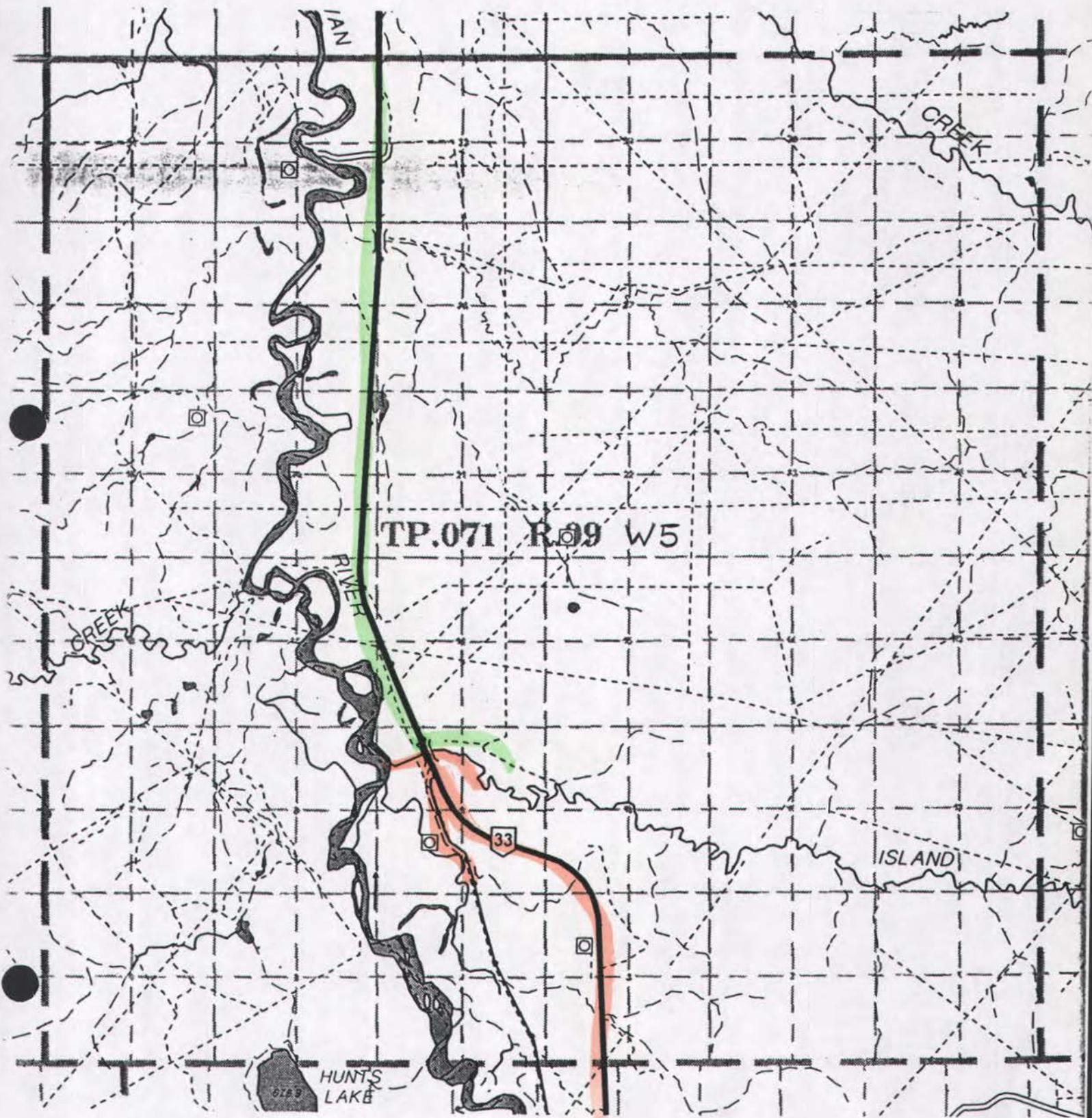
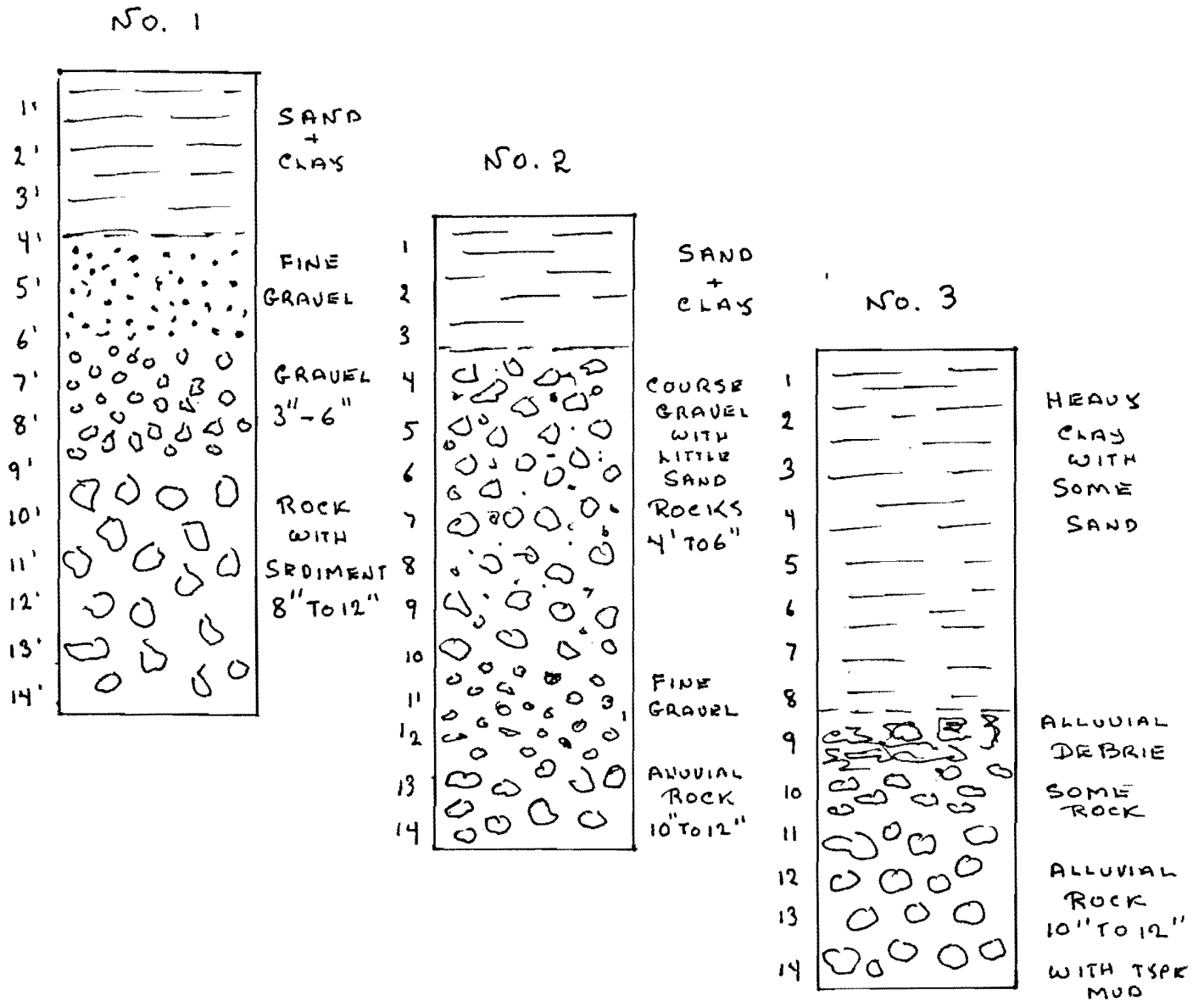


FIGURE 7

CROSS SECTIONS OF
THREE EXPLORATION HOLES



Statement Of Expenditures

Date: Jan. 13, 1997 - Jan. 13, 1999

Aerial Mags	Purchase & Evaluation	\$11,000.00
Satellite Imagery	Purchase & Evaluation	\$16,500.00
Office	Rent, Supplies, Wages, Administration, etc.	\$57,341.00
Isotope Sensing	(500.00/day man included)	\$61,000.00
Surface & Stream Sampling		\$24,000.00
Supervision	350.00/day vehicle included	\$42,700.00
Field Trips	Area Review, Access Avail., Supplies, Vehicles, ATV. Rentals	\$11,500.00
Trucking		\$ 200.00
Bulk Sampling	Equipment, Wages, Supplies, etc.	\$ 3,500.00
Travel	Hotels, Meals, Fuel Etc.	<u>\$ 9,864.00</u>
Total		\$237,605.00

March 31, 1999

LETTER OF AUTHORIZATION

This letter authorizes whom ever it may concern, permission to reproduce "Gold Corps. Assessment Report" written by James Empson and Liz Comrie.

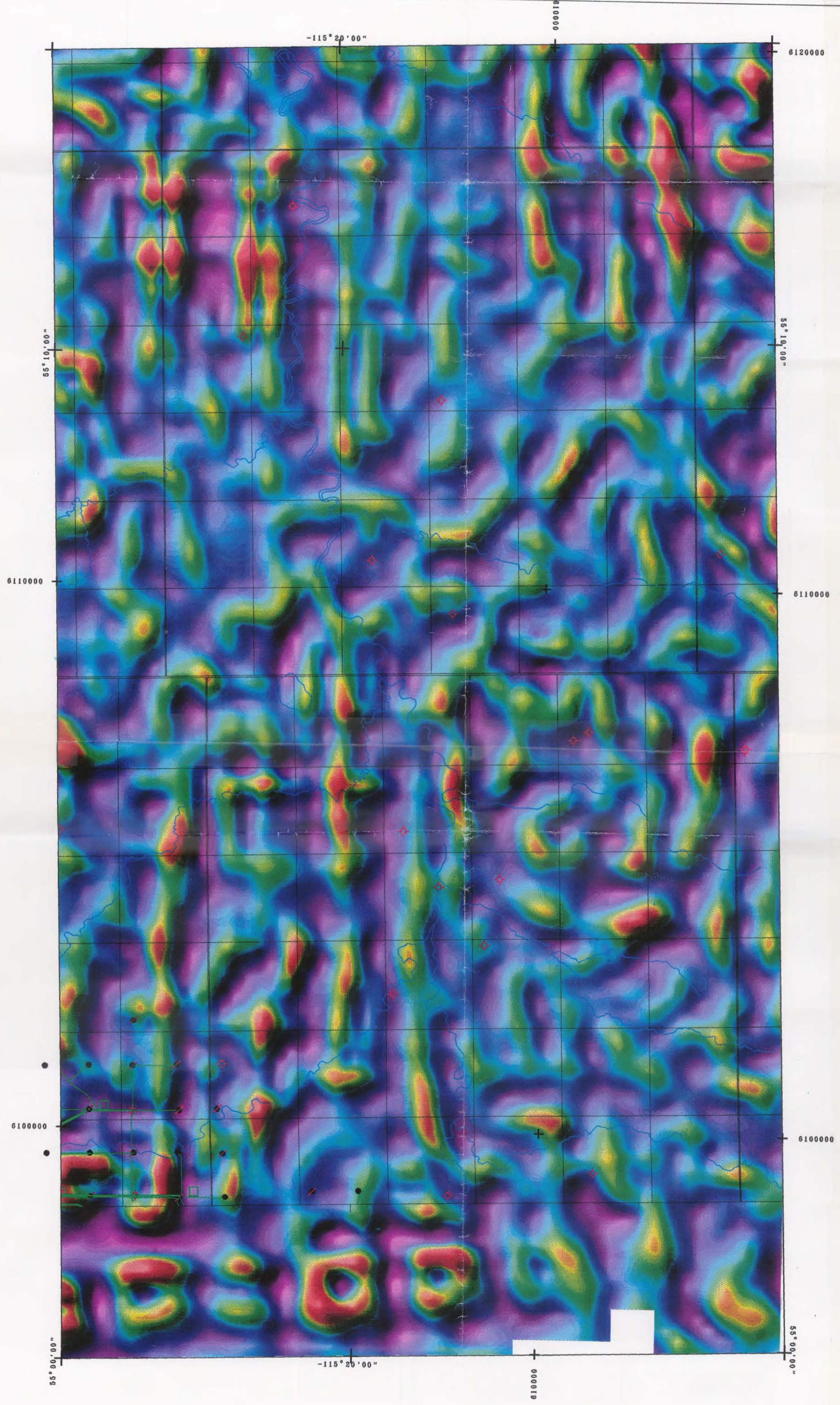
Sincerely,



James Empson



Liz Comrie



PROCESSING

PRELIMINARY LOCATIONS!
 CULTURALLY EDITED
 IGRF CORRECTED
 WIENER FILTERED 0.11 nT
 REDUCED TO POLE

nT/m²/m



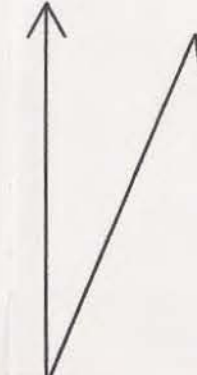
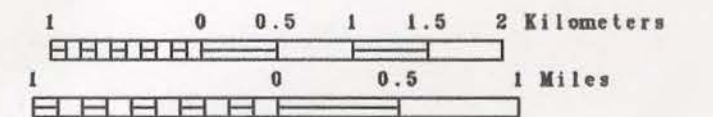
WELL SYMBOL LEGEND

- GENERAL**
- Well currently drilling
 - Suspended well
 - Dry hole
 - Tight hole, abandoned
 - Tight hole, suspended
 - Water injector
- DISCOVERIES**
- Oil well
 - Oil shows
 - Gas well
 - Gas shows
 - Oil and gas well
 - Oil and gas shows
 - Gas/condensate well
 - Gas discovery with oil shows
- APPRAISALS**
- Oil appraisal
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- Oil appraisal, suspended
 - Oil discovery, suspended
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 - Oil and gas discovery, suspended

SHADED RELIEF PARAMETERS

LINEAR STRETCH
 SUN ANGLES:
 Azimuth: 315 DEGREES
 Elevation: 35 DEGREES

Scale 1:50000



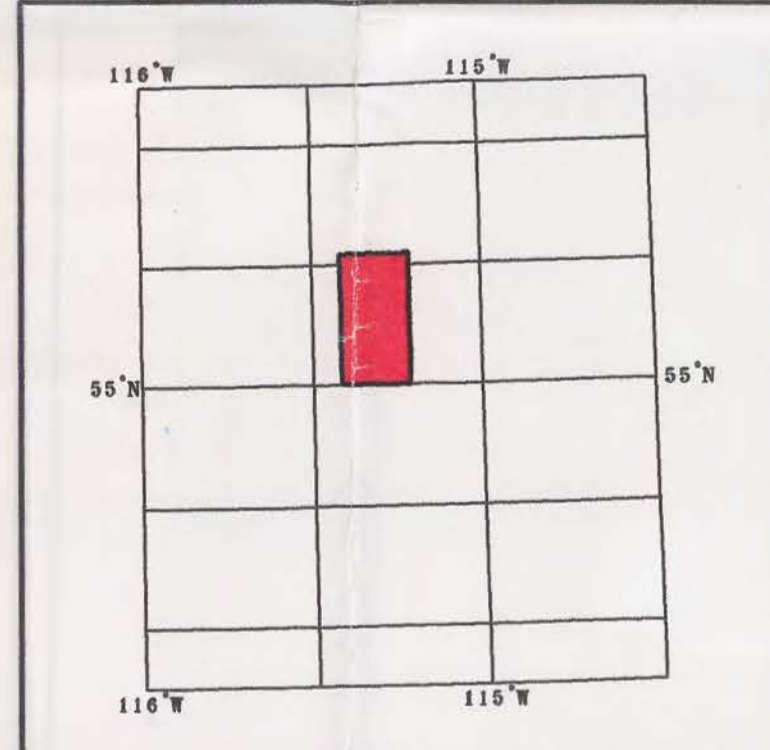
56.10N 115.25W; 600m; 1996, JD330

Magnetic Field: 59183 nT
 Magnetic Inclination: 76.84
 Magnetic Declination: 20.94

19990009 Figure 4A

SURVEY PARAMETERS

FLOWN BY: TERRAQUEST
 TRAVERSE LINE SPACING: 600 METERS
 CONTROL LINE SPACING: 1800 METERS
 FLYING HEIGHT: 120m DRAPE
 SPHEROID: *CLARKE 1866*



PROJECTION PARAMETERS

PROJECTION: UTM
 ELLIPSOID: *CLARKE 1866*
 UNITS: METERS
 CENTRAL MERIDIAN: -117 DEGREES WEST
 LATITUDE ORIGIN: 0.0 DEGREES
 SCALE FACTOR: 0.9996
 FALSE EASTING: 500000.0 METERS
 FALSE NORTHING: 0.0 METERS

GOLD CORP

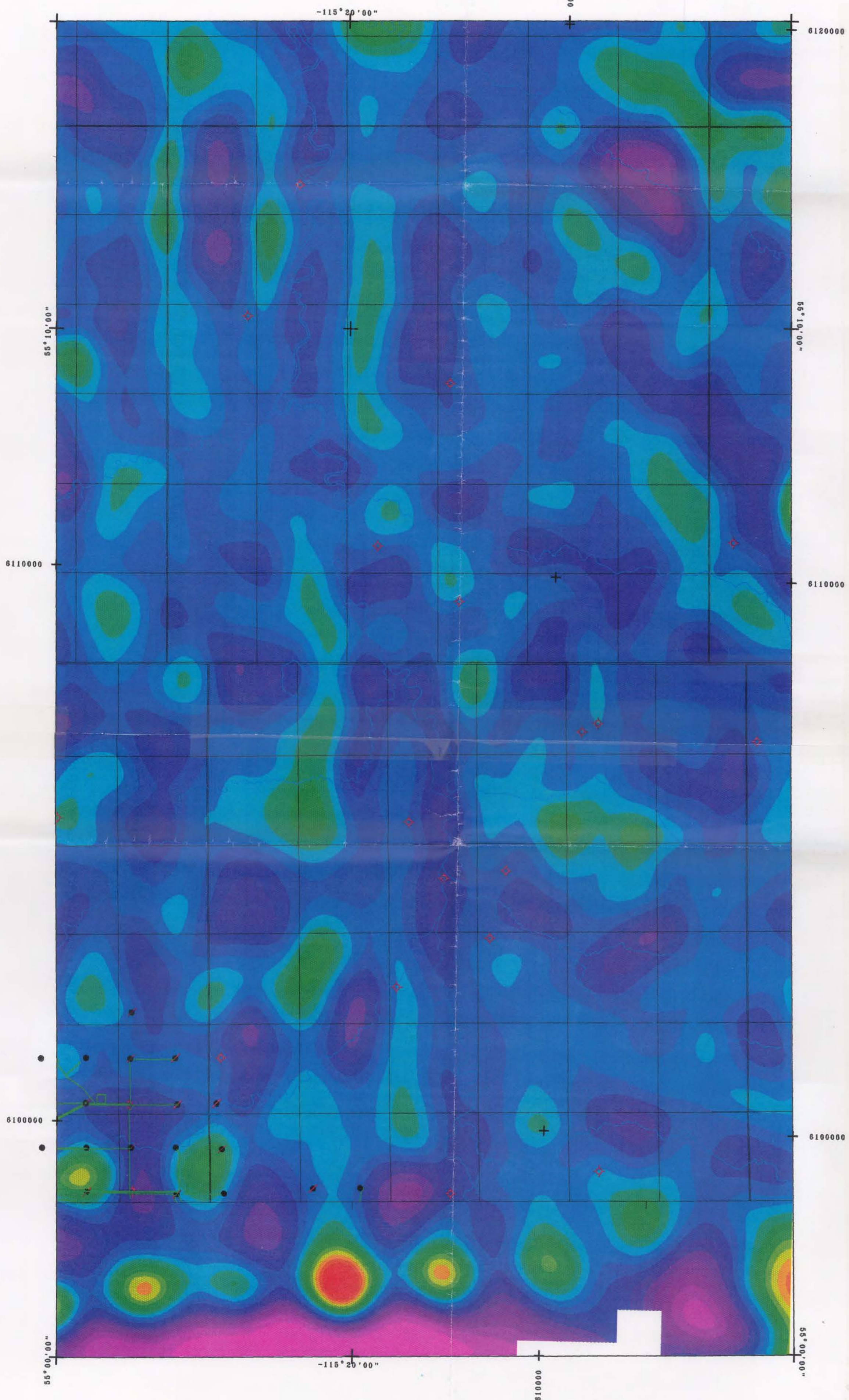
PRELIMINARY UTIKUMA MAG MAP



HG OF 1st VERT. DERIVATIVE
 OF TOTAL MAGNETIC INTENSITY

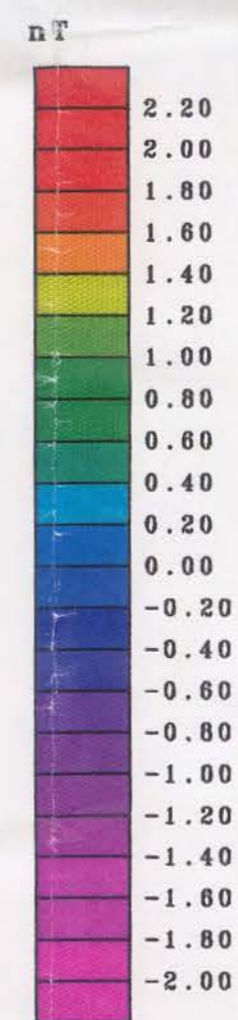
Date: 1997-11-24

ELS Consulting Inc.



PROCESSING

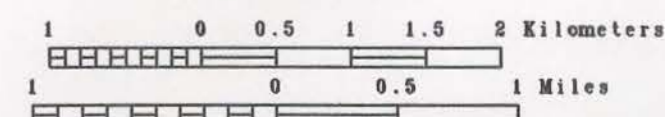
PRELIMINARY LOCATIONS!
 CULTURALLY EDITED
 IGRF CORRECTED
 WIENER FILTERED 0.11 nT
 REDUCED TO POLE



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 - Gas appraisal, suspended
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 - Oil and gas discovery, suspended

Scale 1:50000



56.10N 115.26W; 606m; 1996, JD330

Magnetic Field: 59183 nT
 Magnetic Inclination: 76.84
 Magnetic Declination: 20.94

19990009 Figure 4B

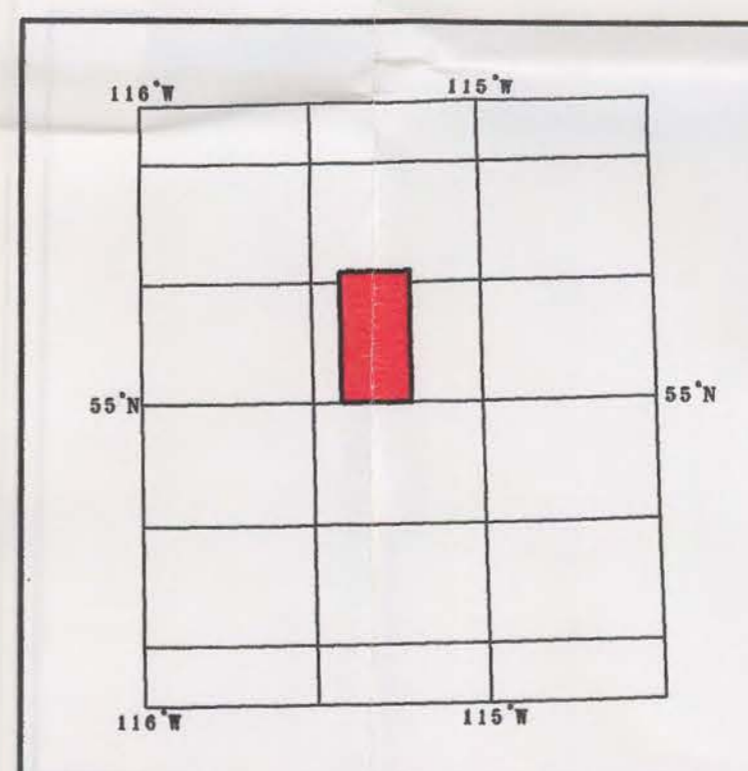
SURVEY PARAMETERS

FLOWN BY: TERRAQUEST

TRAVERSE LINE SPACING: 600 METERS
 CONTROL LINE SPACING: 1800 METERS
 FLYING HEIGHT: 120m DRAPE
 SPHEROID: *CLARKE 1866*

PROJECTION PARAMETERS

PROJECTION: UTM
 ELLIPSOID: *CLARKE 1866*
 UNITS: METERS
 CENTRAL MERIDIAN: -117 DEGREES WEST
 LATITUDE ORIGIN: 0.0 DEGREES
 SCALE FACTOR: 0.9996
 FALSE EASTING: 500000.0 METERS
 FALSE NORTHING: 0.0 METERS



GOLD CORP

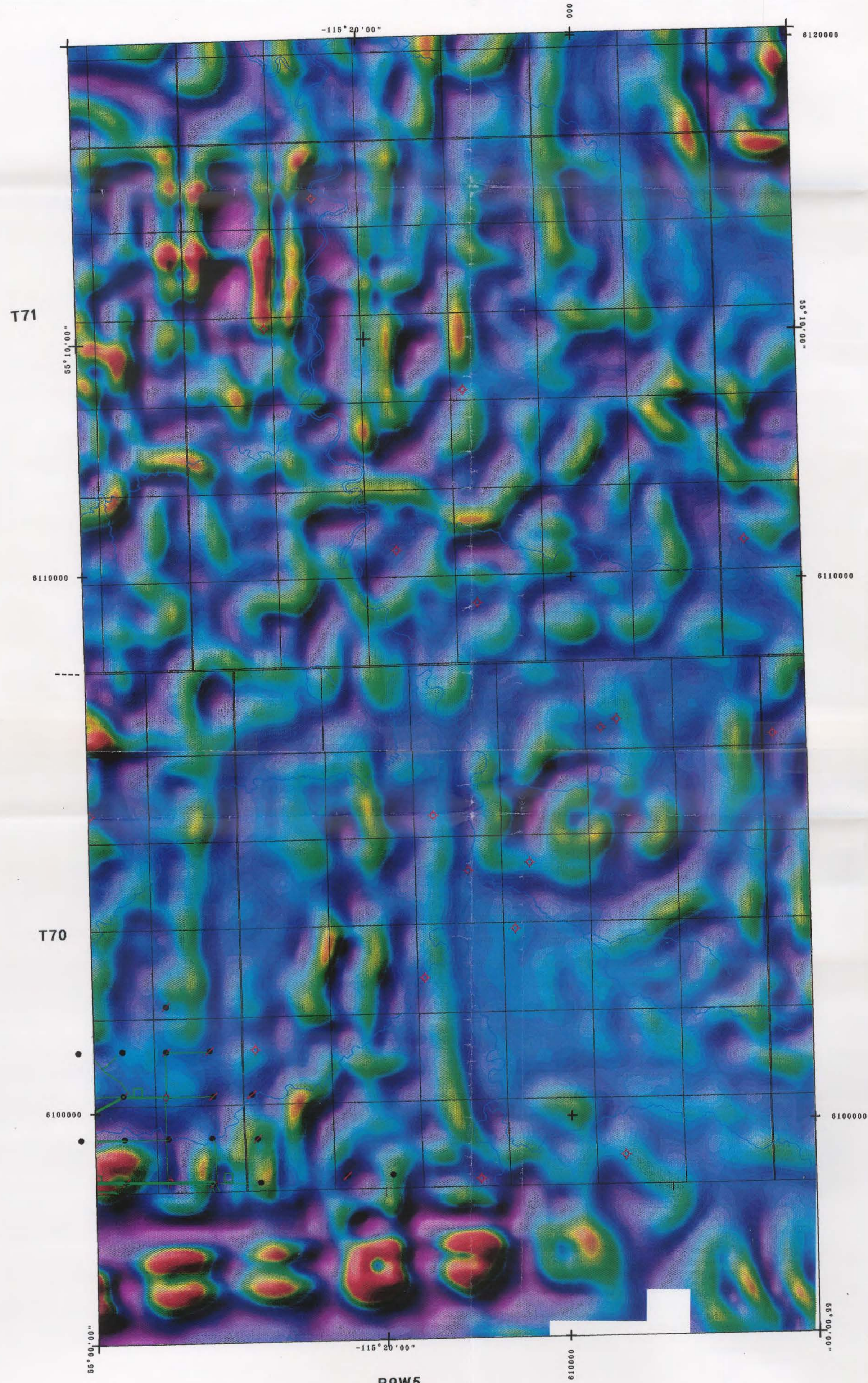
PRELIMINARY UTIKUMA MAG MAP



HIGH HP DIFFERENCE FILTER
 OF TOTAL MAGNETIC INTENSITY

Date: 1997-11-24

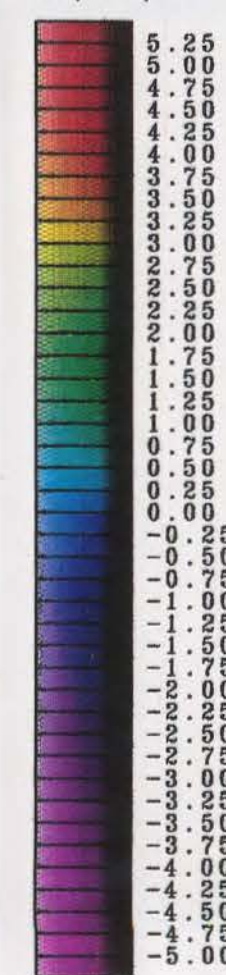
ELS Consulting Inc.



PROCESSING

PRELIMINARY LOCATIONS!
 CULTURALLY EDITED
 IGRF CORRECTED
 WIENER FILTERED 0.11 nT
 REDUCED TO POLE

nT/m*/m

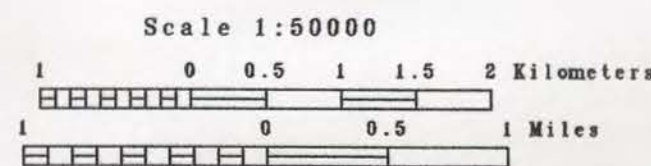


WELL SYMBOL LEGEND

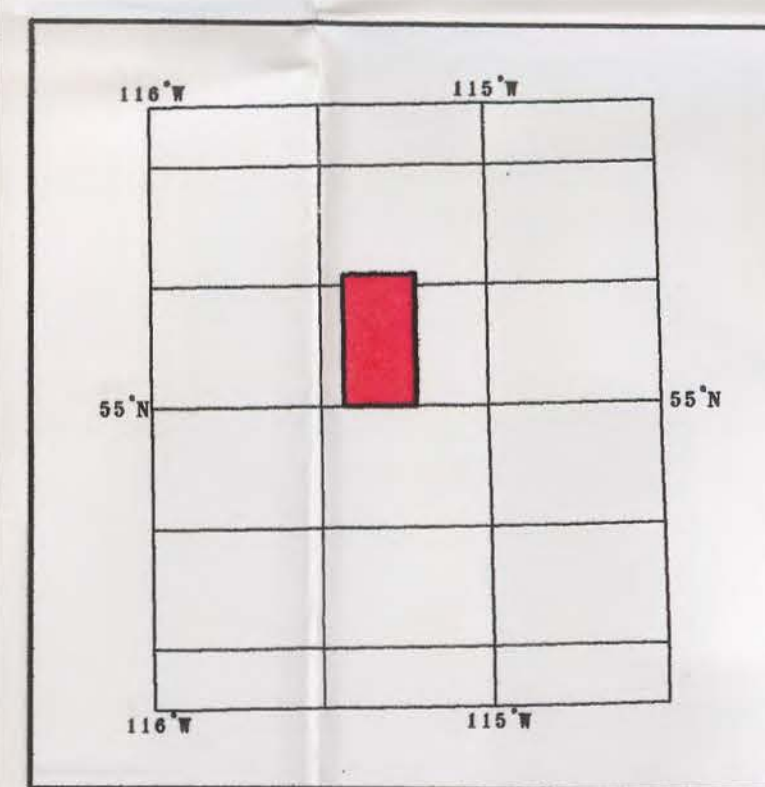
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SHADED RELIEF PARAMETERS

LINEAR STRETCH
SUN ANGLES:
 Azimuth: 315 DEGREES
 Elevation: 35 DEGREES



56.10N 115.25W; 606m; 1996, JDS30
 Magnetic Field: 59183 nT
 Magnetic Inclination: 76.84
 Magnetic Declination: 20.94



19990009 Figure 4C

SURVEY PARAMETERS

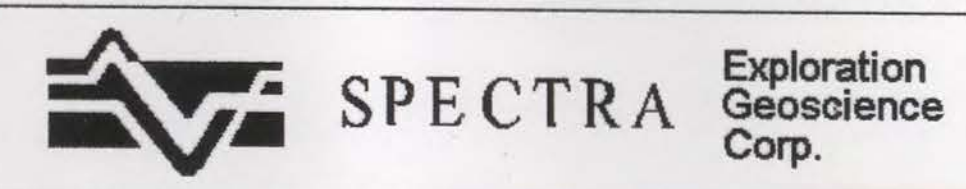
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 CONTROL LINE SPACING: 1800 METERS
 FLYING HEIGHT: 120m DRAPE
 SPHEROID: *CLARKE 1866*

PROJECTION PARAMETERS

PROJECTION: UTM
ELLIPSOID: *CLARKE 1866*
UNITS: METERS
CENTRAL MERIDIAN: -117 DEGREES WEST
LATITUDE ORIGIN: 0.0 DEGREES
SCALE FACTOR: 0.9996
FALSE EASTING: 500000.0 METERS
FALSE NORTHING: 0.0 METERS

GOLD CORP

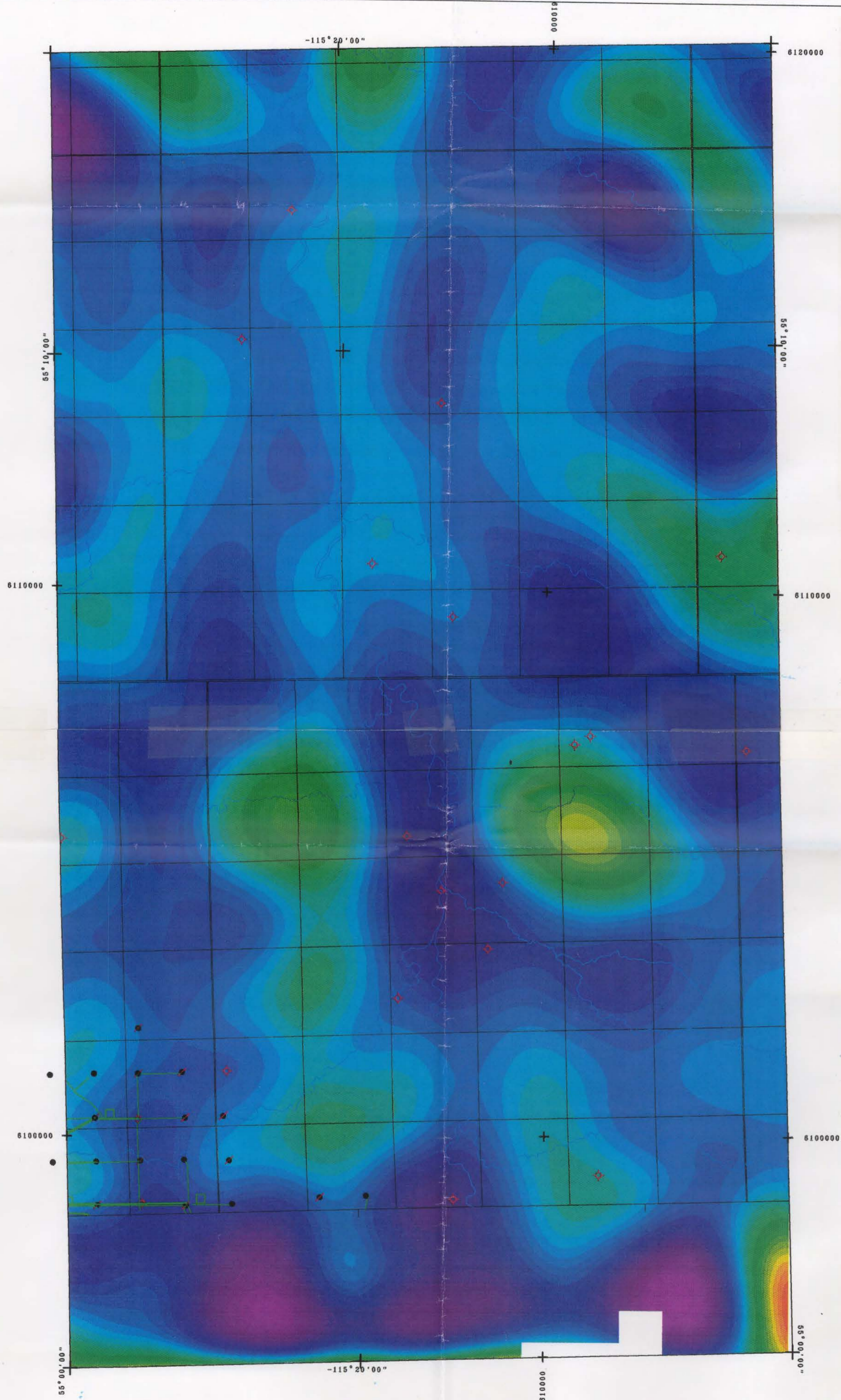
PRELIMINARY UTIKUMA MAG MAP



HG of calc. VERTICAL GRADIENT
 OF TOTAL MAGNETIC INTENSITY

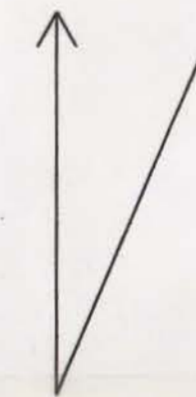
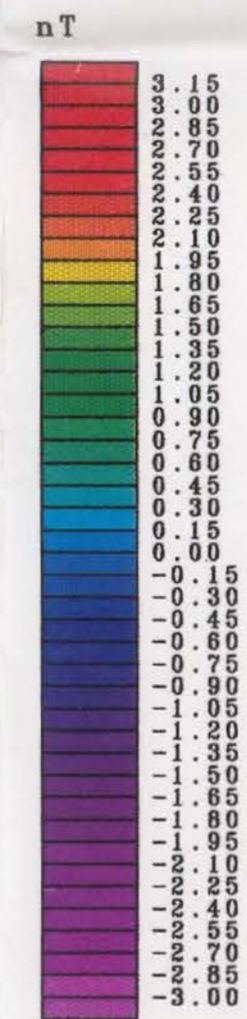
Date: 1997-11-24

ELS Consulting Inc.



PROCESSING

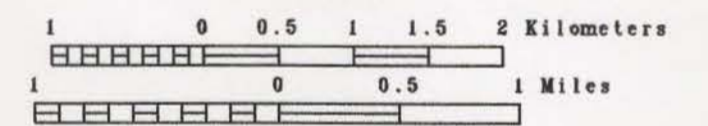
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WIENER FILTERED 0.11 nT
REDUCED TO POLE



WELL SYMBOL LEGEND

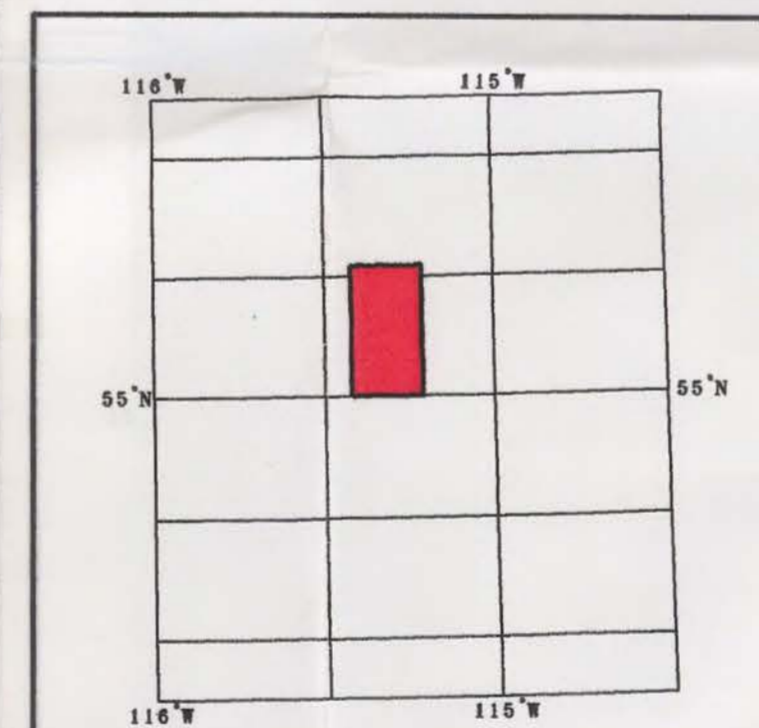
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 - Oil and gas discovery, suspended

Scale 1:50000



56.10N 115.25W; 600m; 1996, JDS30

Magnetic Field: 59183 nT
Magnetic Inclination: 76.84
Magnetic Declination: 20.94



19990009 Figure 4D

SURVEY PARAMETERS

FLOWN BY: TERRAQUEST

TRAVERSE LINE SPACING: 600 METERS
CONTROL LINE SPACING: 1800 METERS
FLYING HEIGHT: 120m DRAPE
SPHEROID: *CLARKE 1866*

PROJECTION PARAMETERS

PROJECTION: UTM
ELLIPSOID: *CLARKE 1866*
UNITS: METERS
CENTRAL MERIDIAN: -117 DEGREES WEST
LATITUDE ORIGIN: 0.0 DEGREES
SCALE FACTOR: 0.9996
FALSE EASTING: 500000.0 METERS
FALSE NORTHING: 0.0 METERS

GOLD CORP

PRELIMINARY UTIKUMA MAG MAP






SPECTRA Exploration
Geoscience
Corp.

2.1 - 6.0 km BAND PASS
OF TOTAL MAGNETIC INTENSITY

Date: 1997-11-24

ELS Consulting Inc.

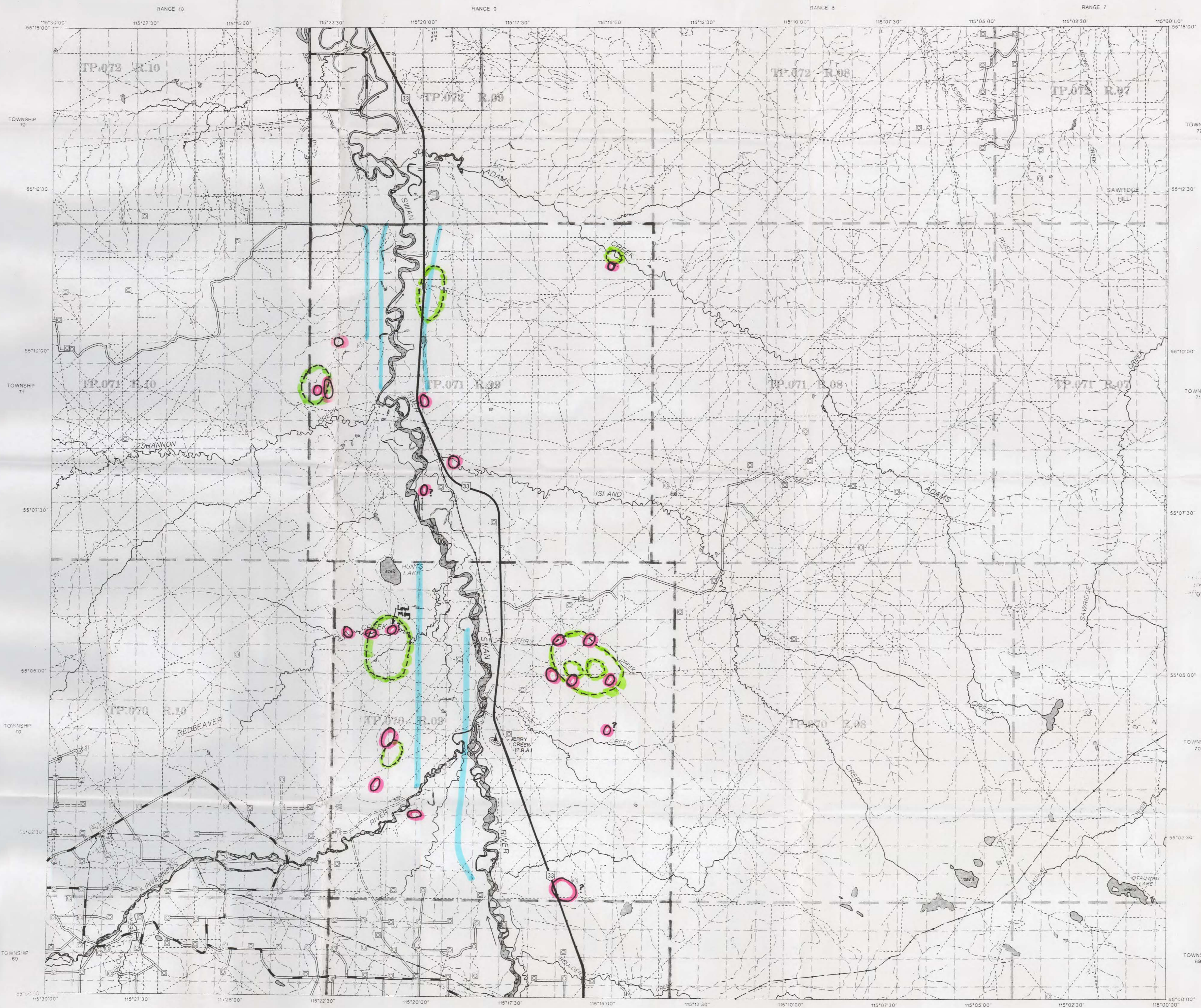
 Deep root target showing expression at depth
 Deep root target showing expression near/at surface
 Linear target showing deep root to surface

MAP TOWN
 10815-100 AVE.
 Edmonton, AB T5J 4X4
 Tel. 429-2600

SHEET NO. 83-0-03

Alberta
 ENVIRONMENTAL PROTECTION
 Land Information Services
 Resource Information Branch

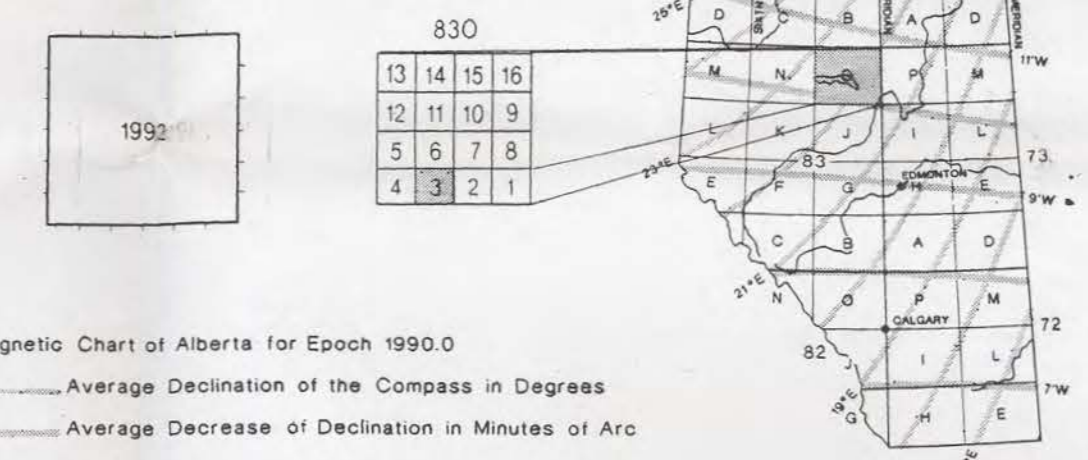
RESOURCE ACCESS MAP
 1:50 000



- Highway Designation - Primary / Secondary
- Hard Surface - All weather
- Loose or Stabilized Surface - All weather (Main route)
- Loose or Stabilized Surface - All weather
- Loose Surface - Dry weather
- Truck Trail
- Seismic Line, Trail, Outline
- Highway Interchange
- Bridge
- Ford Crossing (Subject to Conditions)
- Railway, Railway Point
- Railway (Abandoned, Condition or use unknown)
- Pipeline
- Transmission Line (Major)
- Communication Tower (100 metres)
- Recreation Area
- Helipad (Transport Canada)
- Airfield - Elevation and Length (A.S.L.) in hundreds of feet (brackets) of metres in brackets
- Airstrip (Condition unknown)
- Township Line - Surveyed
- Township Line - Unsurveyed
- Section Line - Surveyed/Unsurveyed
- Quarter Section Line with Section Number
- Major River
- Perennial River or Stream
- Intermittent or Indefinite Stream
- Lake (Water level in metres A.S.L.)
- Intermittent Lake
- Sand or Gravel Bar
- Oil and Gas Activity Site
- Clearing (Manmade)
- Permanent Sample Plots (P.S.P.)
- Mit Site
- Gravel Pit, Sand Pit, Mine or Quarry
- Lookout Tower
- Forest Headquarters
- Ranger Station
- 28 40 (8) (12)

PRODUCED MAY 1993

Map Base created from 1:20,000 Provincial Digital Base
 Alberta township survey current to 1992
 LATEST aerial photography used in revising ACCESS ONLY

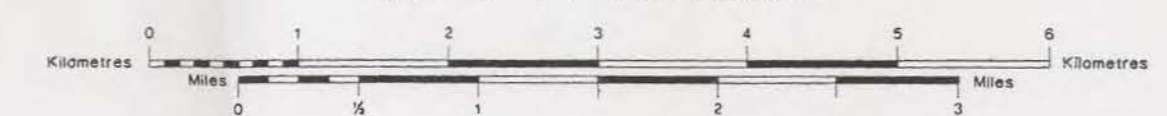


Magnetic Chart of Alberta for Epoch 1990.0
 Average Declination of the Compass in Degrees
 Average Decrease of Declination in Minutes of Arc

NOTE: Information as depicted is subject to change, therefore the Government of Alberta assumes no responsibility for discrepancies at time of use.

SCALE 1:50 000

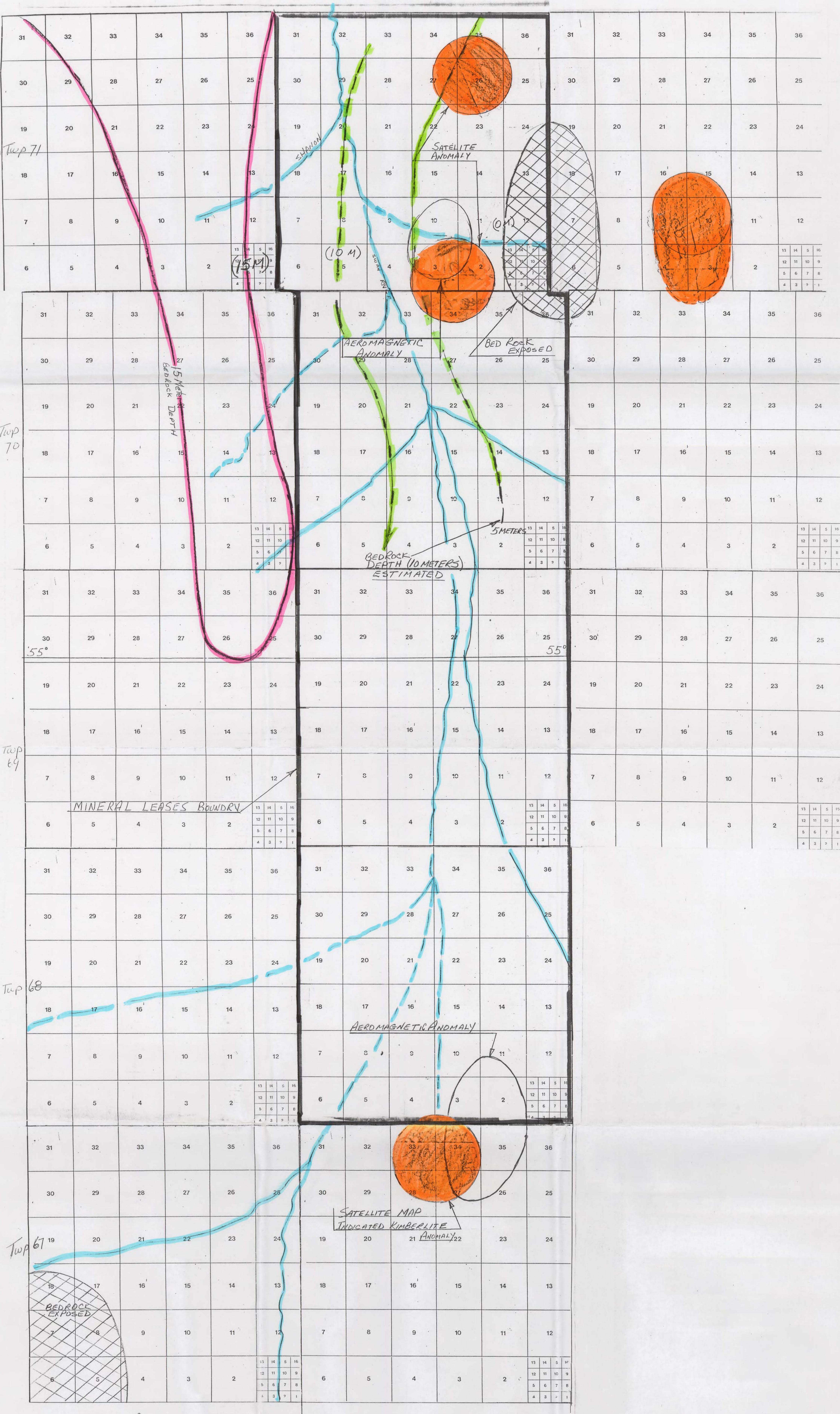
WEST OF THE FIFTH MERIDIAN



Universal Transverse Mercator Projection

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SHEET NO. 83-0-03



RANGE 10 W 5 M

RANGE 9 W 5 M

BED ROCK DEPTH DATA FROM BULLETIN 13 ALBERTA ENERGY GEOL. SURV.

SWAN HILLS AREA INDICATED KIMBERLITE DIAMONDIFEROUS PIPES

Figure 6 19990009

BY: J.H. SIFERD, APRIL 13, 1998