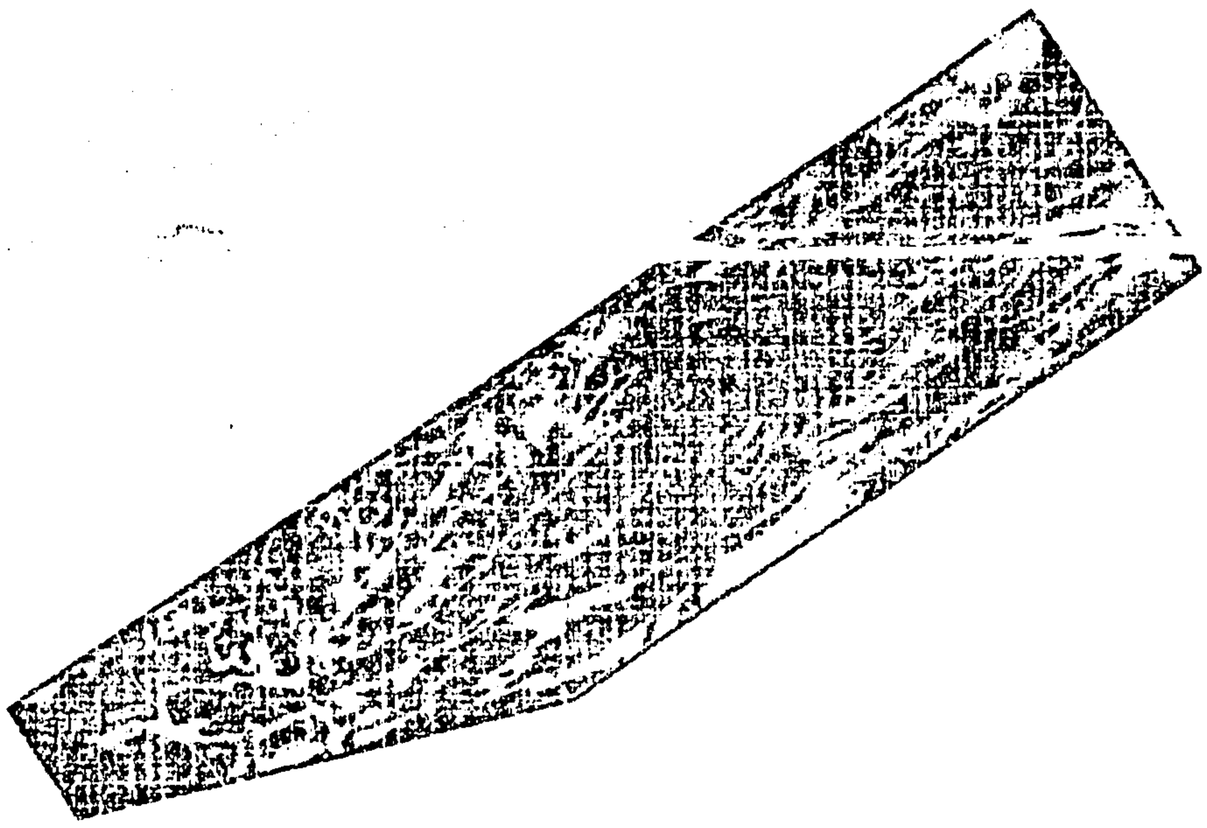
73005

GOSSAN RESOURCES LTD

ELECTROMAGNETIC AND MAGNETIC SURVEY
CROSS LAKE, MANITOBA

JULY 1995



SIAL GEOSCIENCES INC.

GOSSAN RESOURCES Ltd.

[redacted]
73005

244601

RECORDING OFFICE
MINES
WINNIPEG, MAN.

'96 MAY 21 PM 2 07

HIGH SENSITIVITY MAGNETIC SURVEY CROSS LAKE, MANITOBA

FINAL REPORT

By

SIAL GEOSCIENCES Inc.

July 1995

SIAL

Table of Contents

Page

1.0 INTRODUCTION 1

2.0 SURVEY SPECIFICATIONS 1

2.1 Instruments 1

2.1.1 Magnetometer 2
2.1.2 VLF system 2
2.1.3 Positioning system 3
2.1.4 Ancillary equipment 3

2.2 Lines and data 4

3.0 PERSONNEL 4

4.0 DATA PROCESSING 5

5.0 SURVEY PRODUCTS 6

6.0 RESULTS 7
6.1 Magnetic features 7
6.2 VLF results 8

7.0 CONCLUSION 9

SIAL

1.0 INTRODUCTION

This report describes the specifications and results of a high sensitivity magnetic and EM-VLF airborne survey carried out for **GOSSAN RESSOURCES INC** by **SIAL Géosciences Inc.** The field work began April 25, 1995 and was completed May 1st ,1995. The final processed data and report were delivered on July 14, 1995.

The survey was located approximately 25 km south west of CROSS Lake, Manitoba and covers an area of 10 km by 50 km and required approximately 3550 line-km of airborne survey.

The purpose of the survey is two-fold. First, the survey prospects for anomalous magnetic areas which may be caused by, or related to, mineral deposits. Secondly, the survey provides magnetic and EM-VLF results to assist geological mapping and to indicate structures potentially favourable to the presence of base-metal mineralization.

2.0 SURVEY SPECIFICATIONS

2.1 Instruments

The survey was carried out using a Single engine CESSNA 185, registration, C-FURP which carries two magnetometers, mounted in wing tip pods, and a VLF electromagnetic sensor. A base station, equipped with a magnetometer, was located near the survey area to record the diurnal magnetic variation.

2.1.1 Magnetometer

A cesium-vapour magnetometer CS-2 was rigidly positioned a short distance from the aircraft by a non-magnetic housing that is fixed to the aircraft.
Specifications are as follows:

Model:	2321H8
Manufacturer:	SCINTREX
In flight sensitivity:	0.001 nT
Sampling interval:	0.1 second
Heading error:	0.25 nT
Range:	20 000 to 100 000 nT
Gradient tolerance:	10 000 nT/m.

An RMS AADCII magnetic compensator was used to reduce the distortive effects of aircraft motion, as measured by the Figure of Merit, to less than 1.0 nT.

2.1.2 VLF system

The VLF-EM sensor uses three orthogonal coils to measure:

(a) the total field strength of the VLF field
(b) the quadrature component of the VLF field

Two VLF station transmitters were selected so that, at least, one station was approximately aligned with the general geological strike and a second was orthogonal to the strike.

The specifications of the VLF-system are:

Model:	TOTEM 2A
Manufacturer:	Hertz Industries
Accuracy:	1%
Sampling interval:	0.1 second
VLF stations selected:	Seattle\WA 24.8 KHz
	Honolulu\Hawaii

2.1.3 Positioning system

In-flight positioning was sampled at a rate of 1 per second using a NAVCON\MOTOROLA 610 real-time differential GPS system. In addition to real-time guidance, the system enables data to be positioned to an absolute accuracy of a few meters. The system used a mobile receiver in the aircraft and a reference receiver located at the base station hooked to the aircraft through a VHF data link. At least 4 satellites were monitored at all times.

Terrain clearance was sampled once per second, using a KING KRA-10A radar altimeter. The radar altimeter recorded the ground clearance to an accuracy of 1 meter. Recording was done both in digital and analog forms.

2.1.4 Ancillary equipment

- The data records are recorded digitally by the NAVCON system to a magnetic fixed disk and were saved to a QIC-80 digital magnetic tape for processing following every flight.

- A Panasonic CCD video camera and cassette recorder operating in NTSC format recorded the flight-path. Time and fiducial numbers were superimposed on the video recording.

- A Scintrex ENVI-MAG was used as a magnetic base station. It operated at a sample interval of 2 seconds. It was located near the middle of the survey area, in a region of low magnetic gradient and cultural interference. It was used to monitor the fluctuations in the earth's magnetic field. No fluctuation exceeding 10 nT over a 2 minute period was observed during the survey.

2.2 Lines and data

A total of 3550 line-km of airborne survey was flown at a nominal line spacings of 200 meters and 100 meters; terrain clearance meters was observed during all survey flights. The spacing between lines never exceed 150% of this nominal line spacing over a distance of more than 8 km. The line were flown in a north 32° east direction.

Two tie lines were flown perpendicular to the traverse lines at an interval of 4 km The average survey-speed of the aircraft was 270 km/hr. At this speed, the distance between samples along survey lines was approximately 8 m for magnetics and VLF.

3.0 PERSONNEL

The survey crew consisted of Ben Goldak an experienced pilot and technician who operated the geophysical instruments and his co-pilot who assisted with aircraft navigation.

4.0 DATA PROCESSING

Flight path was recovered from differential GPS X- and Y- data. It was verified daily in the field to enable reflights to be selected where needed. For this survey no reflights were necessary.

The aeromagnetic data were levelled using the base station magnetic data (The International Geomagnetic Reference Field (IGRF) was not removed). The levelled magnetic data set was gridded at grid cell spacing of 25 m. The vertical magnetic gradient was computed from the total field data by transforming the data set into the frequency domain, applying a transform function to calculate the vertical gradient, and then transforming it back into the spatial domain.

5.0 SURVEY PRODUCTS

All maps were produced at a scale of 1:15 000. The following preliminary maps were given to **GOSSAN RESSOURCES LTD.** at the beginning of May, 1995:

-Total-field magnetic field contours
-Flight Path

The following final maps on transparency along with paper prints were shipped to **GOSSAN MINERALS Ltd.** on June 1995:

Total-field magnetic contour maps
Vertical-gradient magnetic contour maps
Filtered total-field VLF profiles

These final maps display a geophysical parameter combined with the flight path, main water drainage features and UTM (NAD 1927) coordinates. Three paper-prints of each

map have been supplied.

Copies of the following final maps were produced in colour on paper:

Total-field magnetic contours map
Vertical Gradient Magnetic contours map

Two (2) copies of colour maps also display UTM (NAD 1927) registration as well as the main water drainage system.

The following miscellaneous items were also delivered:

- Digital profile archives
- Survey report (3 copies)

6.0 RESULTS

6.1 Magnetic Features

Along the western and central parts of the survey area, the magnetic total field is dominated by a positive serie of magnetic anomalies that range in values from 61000 to 63000 nT. These anomalies run parallel to each other for many tens of kilometres across the middle part of the entire survey area.

In the south west section of the survey area these anomalies trend east while in the central section of the survey area they trend northeast(NE).

In the northeast section of the survey area, the set of positive anomalies separate. The shape of the anomalies that follows seems to indicate folding with an axis running east, northeast.

Coming back to the central and south west sections of the survey area, the total field and vertical gradient maps show a serie of positive anomalies running parallel to each other but varying in number and in width. The changes seem to coincide with at least three noticeable north, northwest (NNW) trending magnetic anomalies that crosscut the northeast anomalies.

These NNW trending magnetic anomalies are positive. They could indicate more recent mafic dikes, as it has been suggested for that area. They could be part of a swarm of diabase dikes that settled in NNW trending faults. Such faults are common in the Churchill province rocks.These faults have been mapped as steeply dipping structures. They could explain the changes in the number and width of NE trending anomalies discussed beforehand.

As for these NNE anomalies it can be assumed that they represent mafic or ultramafic

units which have been mapped in the Thomson area. Since the survey area lies at the border of the Superior and Churchill geological provinces, it is to be expected that east-west trending rocks from the Superior province will become east, northeast trending units in the Churchill province as we move north.

It has been well documented that many units within the Churchill province have been folded at least once, if not more, and sometimes overturned.

The NNW trending faults which are known to be steeply dipping, could affect the folded units in many ways. The latter could be uplifted, one section relative to another and then eroded. The final outcome could look like the magnetic signature present in the southwest and central parts of the survey area: sets of positive anomalies running parallel to each other and varying in number and in width.

If those folded units are also overturned as a result of more recent faulting or of previous tectonic movement, the final outcome would resemble what is being observed in the northeast section of the survey area: a magnetic anomaly shaped in the form of a horseshoe with an east, northeast trending axis or a magnetic anomaly shaped lik half a horseshoe with a west, northwest trending axis. The latter maybe the case for the anomaly located in the northern part of the central section of the survey area, south of Black Duck Creek. If this is the case, then the survey area should be extended north of Black Duck Creek so to confirm or not the extension of this anomaly.

6.2 EM-VLF anomalies

Numerous VLF conductors have been mapped by the survey. These conductors seem to be either superimposed on magnetic axes running north-east or running parallel to them.

They could reflect a general structural trend which crosses geological units and can be associated with the Churchill and Superior province boundary.

7.0 CONCLUSION

A 3550 km high resolution airborne magnetic and EM-VLF survey was completed by SIAL Geosciences Inc. 25km to the southwest of Cross lake, Manitoba, for Gossan Ressources Ltd.

The survey provides magnetic and VLF results which assist the geological and structural mapping of the area.

A major set of northeast trending positive anomalies running parallel to each other could be indicative of a major lithological unit running for more than 30 km. Because it is magnetic and it is within the Thompson area, it could represent a mafic or ultramafic unit of value for base metal exploration.

As a follow-up to this survey, an on-site mapping and sampling of this unit is highly recommended. If it proves to be ultramafic rocks, an helicopter multifrequency EM survey should be undertaken over those units in order to pinpoint the most favourable targets for further ground geophysics and geology follow-up.

Fernand Deschamps
Geophysicist

73005

REPORT ON

TITANIUM, VANADIUM, IRON EXPLORATION

IN THE

KISKITTO LAKE AREA OF MANITOBA

NOVEMBER, 1994 TO NOVEMBER, 1995

NTS: 63J 2/7&8

THE PAS MINING DIVISION

FOR

GOSSAN RESOURCES LIMITED

by

L.C. Chastko P.Eng.

DATE: NOVEMBER 16, 1995

[redacted]
73005

TABLE OF CONTENTS

244600

RECORDING OFFICE
MINES
WINNIPEG, MAN.

'96 MAY 21 PM 2 07

General Recommendation
Conclusions
Scope of Report
Introduction
Description, Location & Access to Property
General Geology
Observations & Discussion
Kis West Zone
Creek Zone
Note on Line & Drill Hole Locations

Figure 1 General Location & Property Map
Figure 2 Claim Block Sketch Map 1
Figure 3 Claim Block Sketch Map 2
Figure 4 Airborne Magnetometer Survey Sketch

Diamond Drill Hole Location Sketch 1:50,000
Figure 5 Drill Holes K-1 & K-10
Figure 6 Drill Holes K-2, K-5
Figure 7 Drill Holes K-7, K-8, K-9

Airborne Vertical Gradiometer & Drill Hole Sketches 1:15,000
Figure 8 Drill Holes K-1 & K-10
Figure 9 Drill Holes K-2, & K-5
Figure 10 Drill Holes K-3 & K-6
Figure 11 Drill Holes K-7, K-8 & K-9
Figure 12 Drill Hole K-4

Recon. Pace & Compass Fluxgate Surveys
G-1 Drill Hole K-1
G-2 Drill Hole K-2
G-3 Drill Hole K-3
G-4 Drill Hole K-4

Cut & Chained Line - Proton Mag Survey
G-5 Drill Hole K-6
G-6 Drill Holes K-7 & K-8
G-7 Drill Hole K-9
G-8 Drill Hole K-10
G-9 Nose Fold Area
G-10 #2 Base Line

Accompanying Diamond Drill Logs K-1 to K-10

GENERAL RECOMMENDATIONS

- Determination of the top direction and exploration of upper layers should result in higher grades of ilmenite. These zones may or may not coincide with strong magnetic expressions.

The mega rafts known to exist in the Kis West, Creek, Black Duck Lake & Loughead Lake Areas are logical points to work out from.

Detailed ground magnetic surveys would provide good guidance in pinpointing and outlining oxide bearing layers for further evaluation by diamond drilling.

CONCLUSIONS

A summary of diamond drill highlights is presented in four tables (Table 1-4). Slightly different criteria is been implemented in arriving at the selected section.

Table I	Selected Intervals
Table II	Intervals with TiO_2> 5%, no gaps below 5%
Table III	Intervals with TiO_2> 4%, no gaps below 4%
Table IV	Intervals with TiO_2> 4%, with gaps up to 50 feet below 4% grade.

SCOPE OF REPORT

This report summarizes exploration activities conducted by Gossan Resources Limited in the Kiskitto Lake Area of Manitoba during the period of November 1994 to November 1995.

INTRODUCTION

Gossan Resources Limited initiated a program to assess the titanium, vanadium and iron potential of a large anorthosite-gabbro complex situated in the Kiskitto Lake Area of Manitoba.

An airborne magnetometer survey flown by the Province of Manitoba, Department of Mines and Natural Resources & Department of Mines and Technical Services of the Geological Survey of Canada indicates a large broad magnetic high extending approximately 50 km in strike length within this complex (Figure 1).

Permit 131 was taken out in November, 1994 covering this large magnetic feature. Subsequently three claim blocks were staked to the north and twelve claim blocks to the west to cover extensions of the magnetometer feature laying outside the Permit 131 area (Figure1). Four areas were selected for further

evaluation (Figure 1; #1 to #4). During the period of January - March, 1995 four small pace and compass fluxgate magnetometer surveys were conducted to locate the magnetic highs. The results are appended as Plans G-1 to G-4. Four diamond drill holes (K-1 to K-4) were drilled to test these magnetically high anomalies.

Subsequently a detailed airborne magnetic survey was contracted to Sial Geosciences Inc. in April of 1995. A 35 km base line was cut down the centre of the magnetic anomaly.

During the period of June and July a number of sites were examined and prospected. Several grid lines were cut and detailed. Magnetometer surveys were conducted to pinpoint anomalies. Six additional drill holes K-5 to K-10 were drilled during September and October. Due to abundance of swamp and lack of accessibility the drill program was supported by helicopter and fixed wing aircraft.

The ten holes, K-1 to K-10, were drilled for a total footage of 7,736 feet.

DESCRIPTION, LOCATION & ACCESS OF PROPERTY

The property consists of the area covered by Permit 131 and claims Duck 1 to Duck 15 inclusive. Table V provides details on the individual dispositions.

The property is recorded 100% in the name of Gossan Resources Limited.

The property is located in the Kiskitto Lake Area of Manitoba; NTS References 63J 2, 7 & 8.

Access to the property from Jenpeg is via a Manitoba Hydro service road running south west from Jenpeg and the waters of Kiskitto Lake.

TABLE V

LIST OF DISPOSITIONS

DISPOSITION	NAME	CERT.#	HECTARES	CLAIM MAP	REC. DATE
Permit 131			48,400	63J	Dec-1-1994
P2571F	Duck 1	21966	256	NE7 63J	Feb-21-1995
P2572F	Duck 2	21967	256	NE7 63J	Feb-21-1995
P2573F	Duck 3	21968	256	NE7 & SE7 63J	Feb-21-1995
P2574F	Duck 4	21969	244	NW2 63J	Feb-21-1995
P2575F	Duck 5	21970	256	NW2 63J	Feb-21-1995
P326F	Duck 6	21971	256	NW2 63J	Feb-21-1995
P3327F	Duck 7	21972	256	NW2 63J	Feb-21-1995
P3328F	Duck 8	21973	256	NW2 63J	Feb-21-1995
P3329F	Duck 9	21974	256	NW2 63J	Feb-21-1995
P3330F	Duck 10	21975	256	NW2 63J	Feb-21-1995
P3331F	Duck 11	21976	256	NW2 63J	Feb-21-1995
P3332F	Duck 12	21977	256	NW2 63J	Feb-21-1995
P3333F	Duck 13	21978	256	NW2 63J	Feb-21-1995
P3334F	Duck 14	21979	226	NW2 63J	Feb-21-1995
P3335F	Duck 15	21980	80	NW2 63J	Feb-21-1995
15 CLAIMS			3,622		

GENERAL GEOLOGY

The property is underlain by Archean rocks of the Superior Province. More specifically the property is underlain by a highly altered anorthosite-gabbro intrusive. The Manitoba Energy & Mines, 1993 Bedrock Geology compilation describe the rocks ranging from anorthosites, anorthosite-gabbro, Enderlite gneiss, gneissic opdalite, leuco tonolitic granofels and tonalitic gneiss. The rock strikes a general NE- SW direction and dip near vertical. The project area is extremely flat and largely swamp covered. Outcrops are sparse.

OBSERVATIONS & DISCUSSION

Based on field work conducted to date at least several oxide bearing layers have been discovered. The large defuse magnetic pattern appears to be due to low grade redistributed oxides within highly sheared rocks and gneisses. The more intense magnetic patterns represent large rafts or mega boudens of preserved oxide bearing rocks. Rocks within these mega boudens or rafts are well layered varying from anorthosite to gabbro composition. Igneous textures are often well preserved. No conclusive evidence for determining the top direction of the intrusive has been observed in the field.

Diamond drilling has demonstrated the layering varys from anorthosite-leucogabbro to gabbro. The oxide bearing rocks intersection in drilling are generally less altered than the surrounding rocks. It is thought that these represent large rafts or mega boudens within the gneisses. Good igneous textures are well preserved in these oxide bearing blocks. The surrounding sheared to gneissic rocks bear low grade widely dispersed oxide mineralization.

Top determination is crucial as the titanium content of oxide bearing layers generally increased towards the top of the intrusive as was with case at Pipestone Lake.

Dr. Dave Peck of Department of Mines & Energy has selected drill holes K-6 and K-10 to study and may be able to provide guidance.

The oxides observed at Kiskitto Lake generally occur within leuco gabbro to gabbro layers. These layers bear a strong visual resemblance to the South Zone oxide layers at Pipestone Lake.

There is a strong possibility that higher grade oxide layers remain to be discovered especially in an upward direction of the known zones.

The Fe_2O_3 content of the rocks at Kiskitto and Pipestone Lake appear similar. However, the melagabbro at Pipestone Lake has considerably more iron tied up in

mafic minerals whereas the oxide bearing rocks at Kiskitto are largely leucogabbro and gabbro with a much larger percentage of the Fe_2O_3 coming from free magnetite.

KIS WEST ZONE

Airborne magnetic pattern indicates a strike length of at least 4 km. The pattern is complex and indicates multi-layering.

Two closely spaced holes K-2 and K-5 intersected separate stacked oxide bearing horizons. The southern layer (K-2) intersected 3.28 % TiO_2, 20.63% Fe_2O_3 and 0.16% V_2O_5 over the entire length of the hole with the extended true width of 442.42 feet. Sections within this zone exceeded 5% TiO_2. The tow zones intersected in K-2 and K-5 are closely spaced and appear as one zone on the airborne magnetic map. A significant magnetic zone is located several hundred meter south and has not been tested.

CREEK ZONE

Magnetic pattern indicates a strike length of approximately 1.5 km. This zone was tested by two diamond drill holes K-3 and K-6.

K-3 was drilled towards the eastern end of the magnetic high where the magnetics were weaker.

It is note worthy that massive oxide bands were intersected in the hole.

K-6 intersects disseminated mineralization on strike of K-2. The upper zone in K-6 is believed to be a separate zone with the lower zone being the same as the zone in K-2.

It is noteworthy, that drill hole was stopped in mineralization and the first 20 feet exceeded 5% TiO_2.

Other present rafts or mega boudens with oxide mineralization have been intersected in the Black Duck Lake Area by holes K-7, 8 & 9 and the Loughead lake Area by hole K-10.

NOTE ON LINE & DRILL HOLE LOCATION

Where ever practical survey lines and diamond drill holes were tied into topographic features. A G P S unit was utilized for locating diamond drill holes but was discovered to be of limited accuracy, therefore the co-ordinates are approximate.

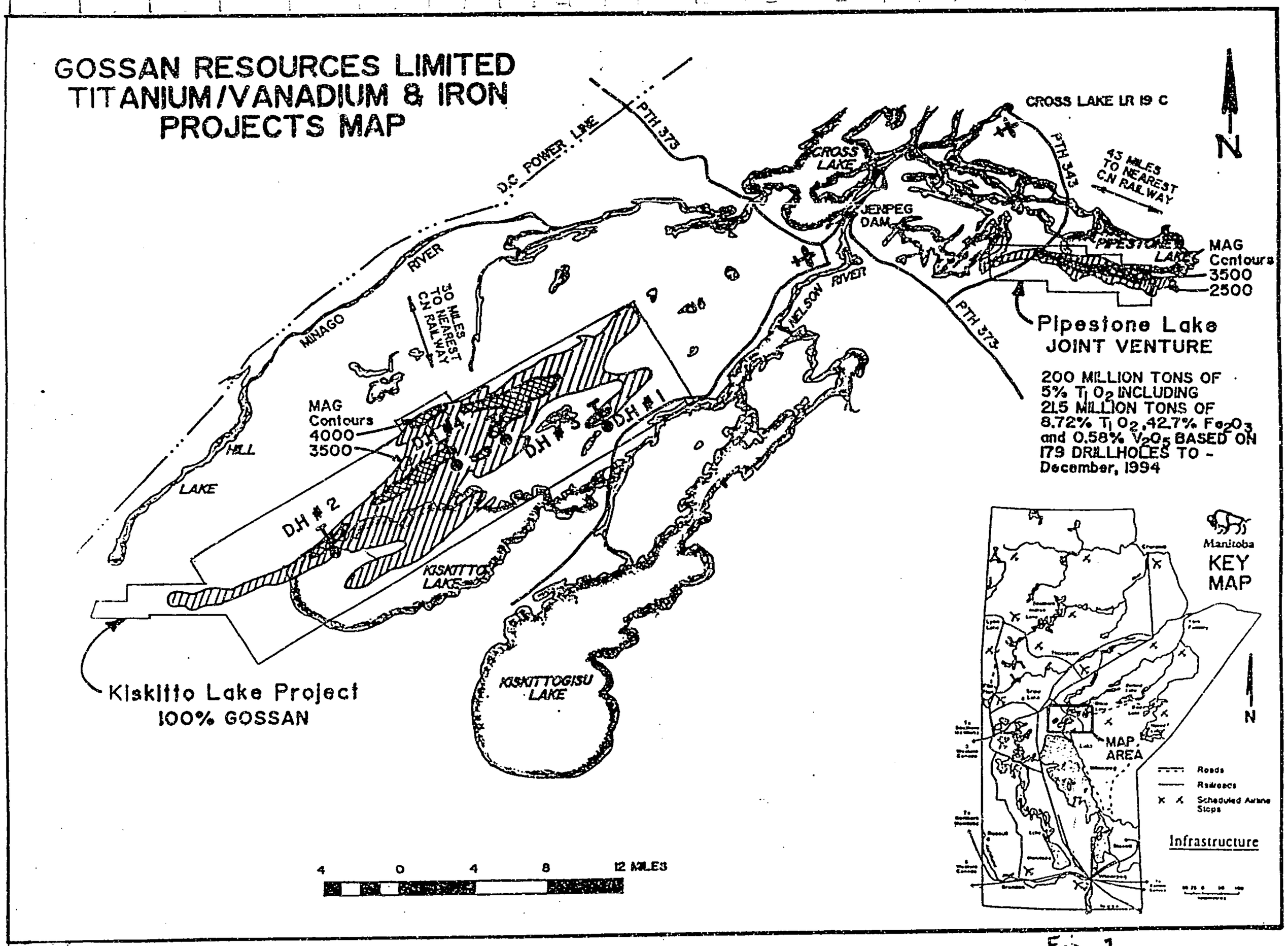

GOSSAN RESOURCES LIMITED
TITANIUM/VANADIUM & IRON
PROJECTS MAP
D.C. POWER LINE
PTH 373
CROSS LAKE LR 19 C
PTH 343
45 MILES TO NEAREST C.N RAILWAY
N
CROSS LAKE
JENPEG DAM
PIPESTONE LAKE
MAG Contours
3500
2500
NELSON RIVER
PTH 373
Pipestone Lake
JOINT VENTURE
200 MILLION TONS OF 5% TiO_2 INCLUDING 21.5 MILLION TONS OF 8.72% TiO_2, 42.7% Fe_2O_3 and 0.58% V_2O_5 BASED ON 179 DRILLHOLES TO - December, 1994
MINAGO RIVER
30 MILES TO NEAREST C.N RAILWAY
MAG Contours
4000
3500
HILL LAKE
DH #1
DH #3
DH #2
KISKITTO LAKE
KISKITTOGISU LAKE
Kiskitto Lake Project
100% GOSSAN
4 0 4 8 12 MILES
Manitoba
KEY MAP
MAP AREA
N
Roads
Railroads
Scheduled Airline Stops
Infrastructure

Fig. 1

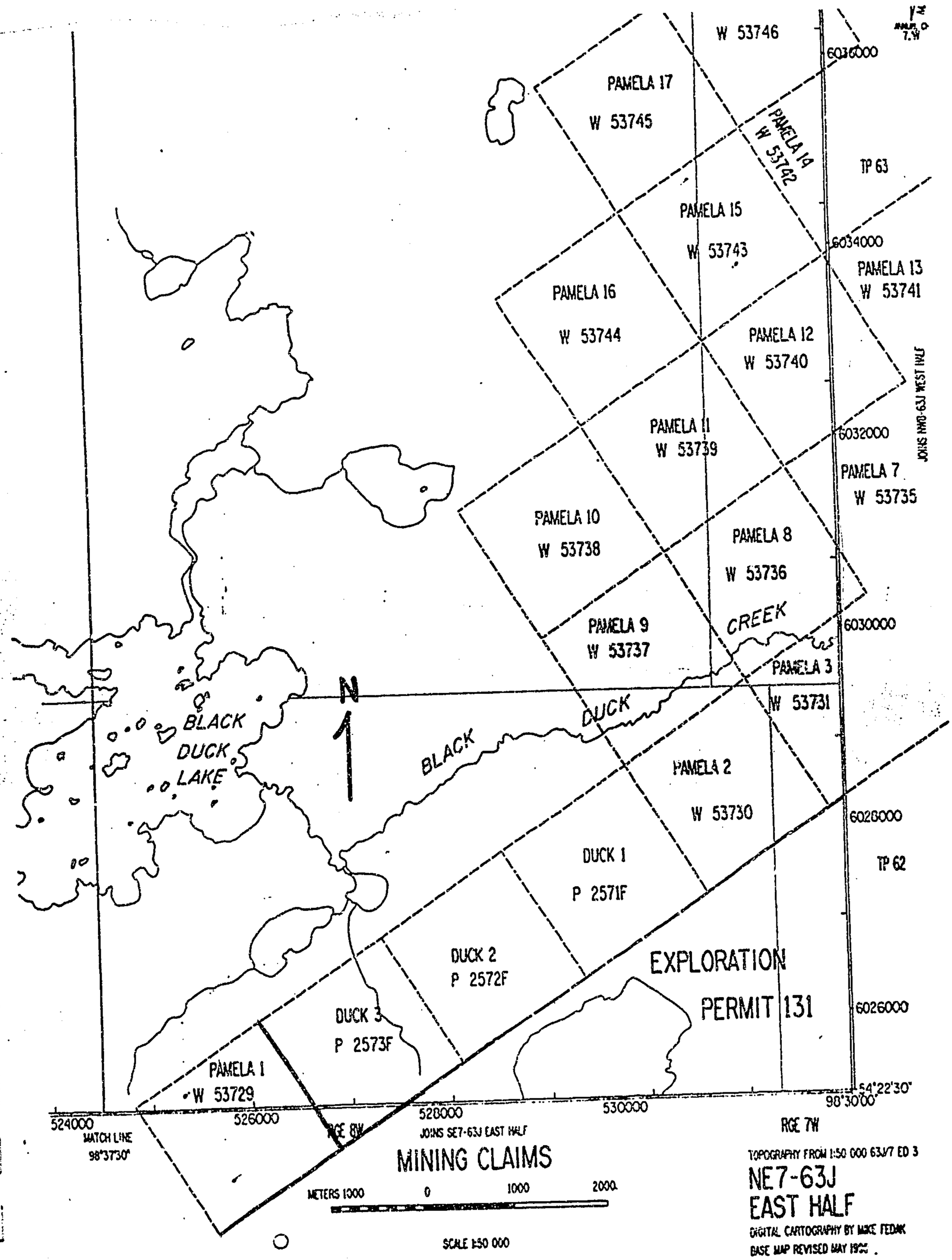

W 53746
PAMELA 17
W 53745
PAMELA 14
W 53742
TP 63
PAMELA 15
W 53743
PAMELA 13
W 53741
PAMELA 16
W 53744
PAMELA 12
W 53740
PAMELA 11
W 53739
PAMELA 7
W 53735
PAMELA 10
W 53738
PAMELA 8
W 53736
PAMELA 9
W 53737
CREEK
PAMELA 3
W 53731
BLACK
DUCK
LAKE
N
BLACK
DUCK
PAMELA 2
W 53730
DUCK 1
P 2571F
TP 62
DUCK 2
P 2572F
EXPLORATION
PERMIT 131
DUCK 3
P 2573F
PAMELA 1
W 53729
6036000
6034000
6032000
6030000
6028000
6026000
524000
526000
528000
530000
54°22'30"
98°30'00"
MATCH LINE
98°37'30"
RGE 8W
RGE 7W
JOINS SE7-63J EAST HALF
JOINS NW0-63J WEST HALF
MINING CLAIMS
METERS 1000 0 1000 2000
SCALE 1:50 000
TOPOGRAPHY FROM 1:50 000 63J/7 ED 3
NE7-63J
EAST HALF
DIGITAL CARTOGRAPHY BY MIKE FEDAK
BASE MAP REVISED MAY 1995

Figure 2

NOTE: CLAIM LINES ARE PLOTTED BY MINES BR. FROM SKETCHES PROVIDED BY PROSPECTORS AND STAKERS AND THEREFOR DOES NOT HOLD ITSELF FOR THE ACCURACY OF THE LOCATION OF THE CLAIM LINES ON THE GROUND.

NOTE: CLAIM LINES ARE PLOTTED BY MINES BR. FROM SKETCHES PROVIDED BY PROSPECTORS AND STAKERS AND THEREFOR DOES NOT HOLD ITSELF FOR THE ACCURACY OF THE LOCATION OF THE CLAIM LINES ON THE GROUND.

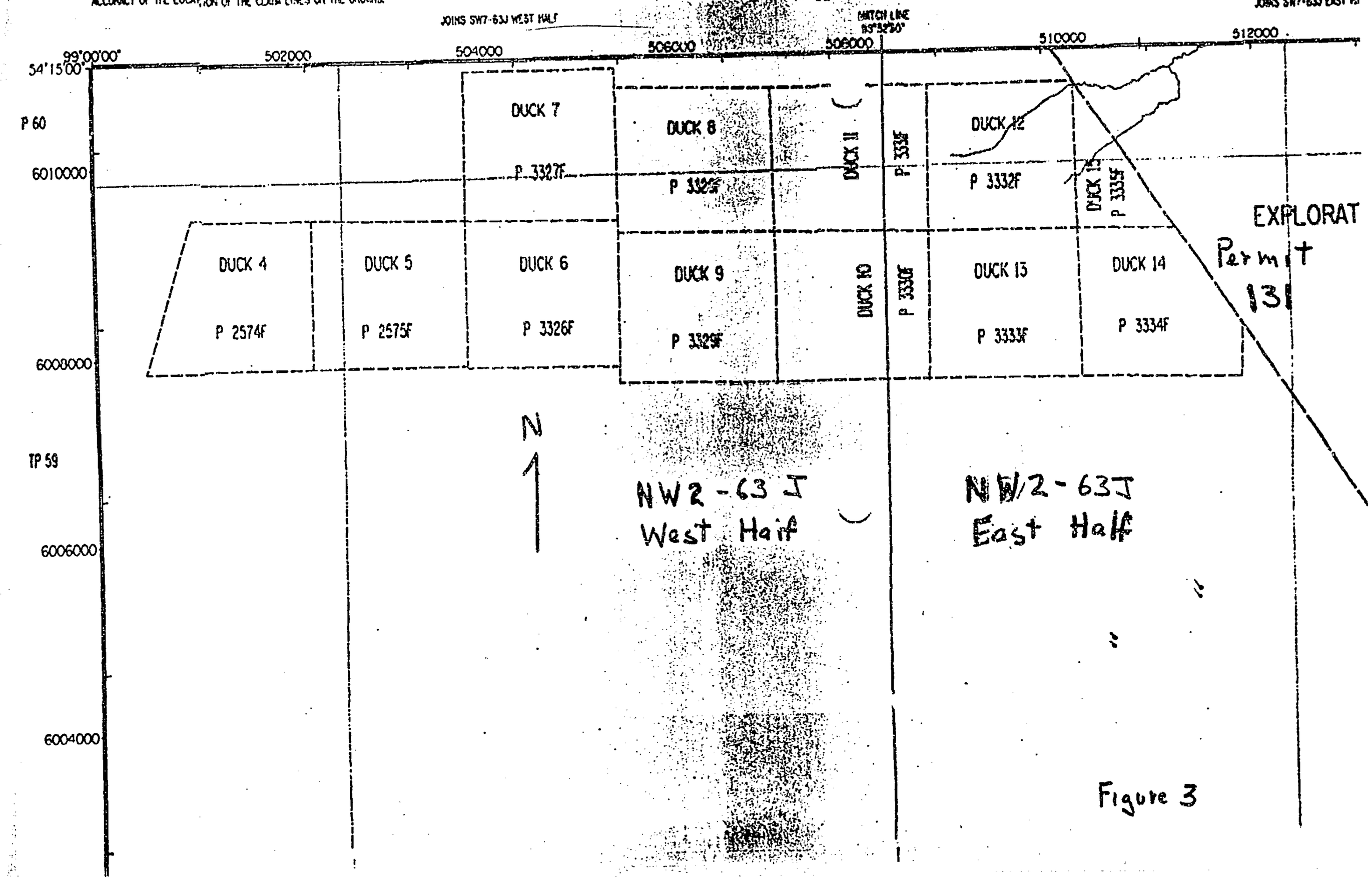
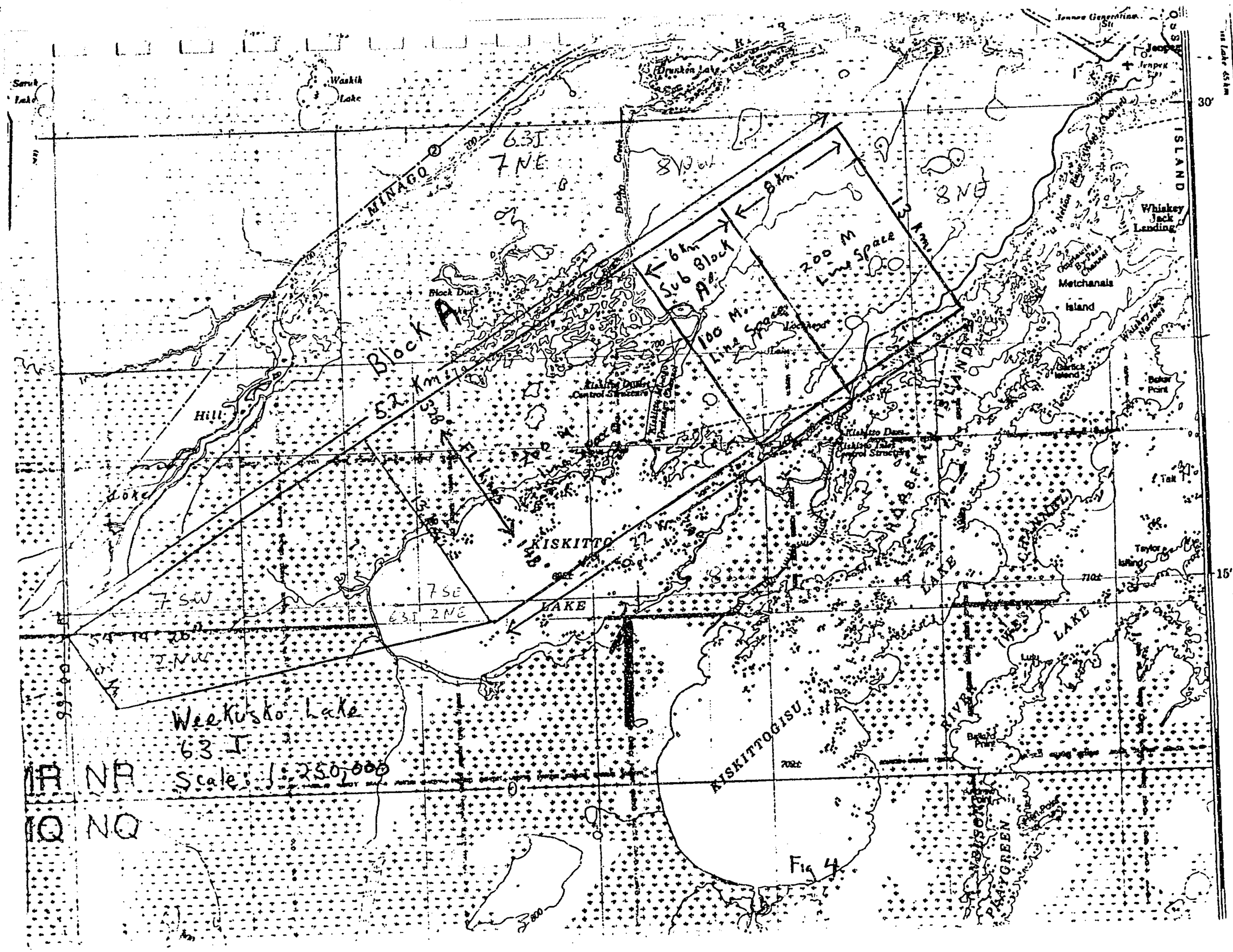


Figure 3


Block A
Sub Block A'
6 km
8 km
13 km
200 M Line Space
100 M Line Space
52 km
38 km
MINAGO
KISKITTOGISU
LAKE
Weekusko Lake
63 I
Scale: 1:250,000
7 NE
7 SE
7 SW
7 NW
8 NE
Block Duck
Whiskey Jack Landing
Metchanais Island
ISLAND
Baker Point
Taylor Island
Hill
Lake
Fig 4

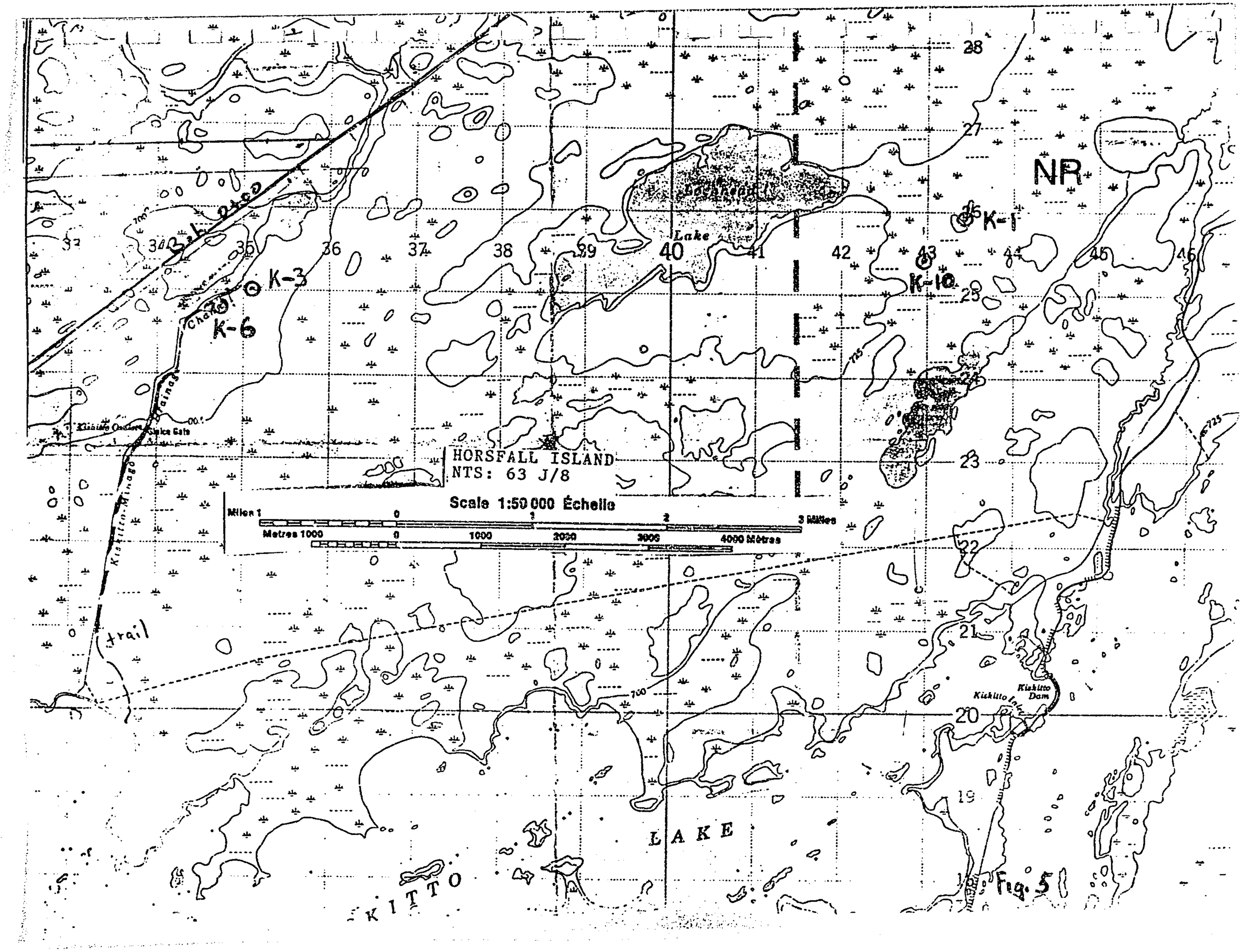
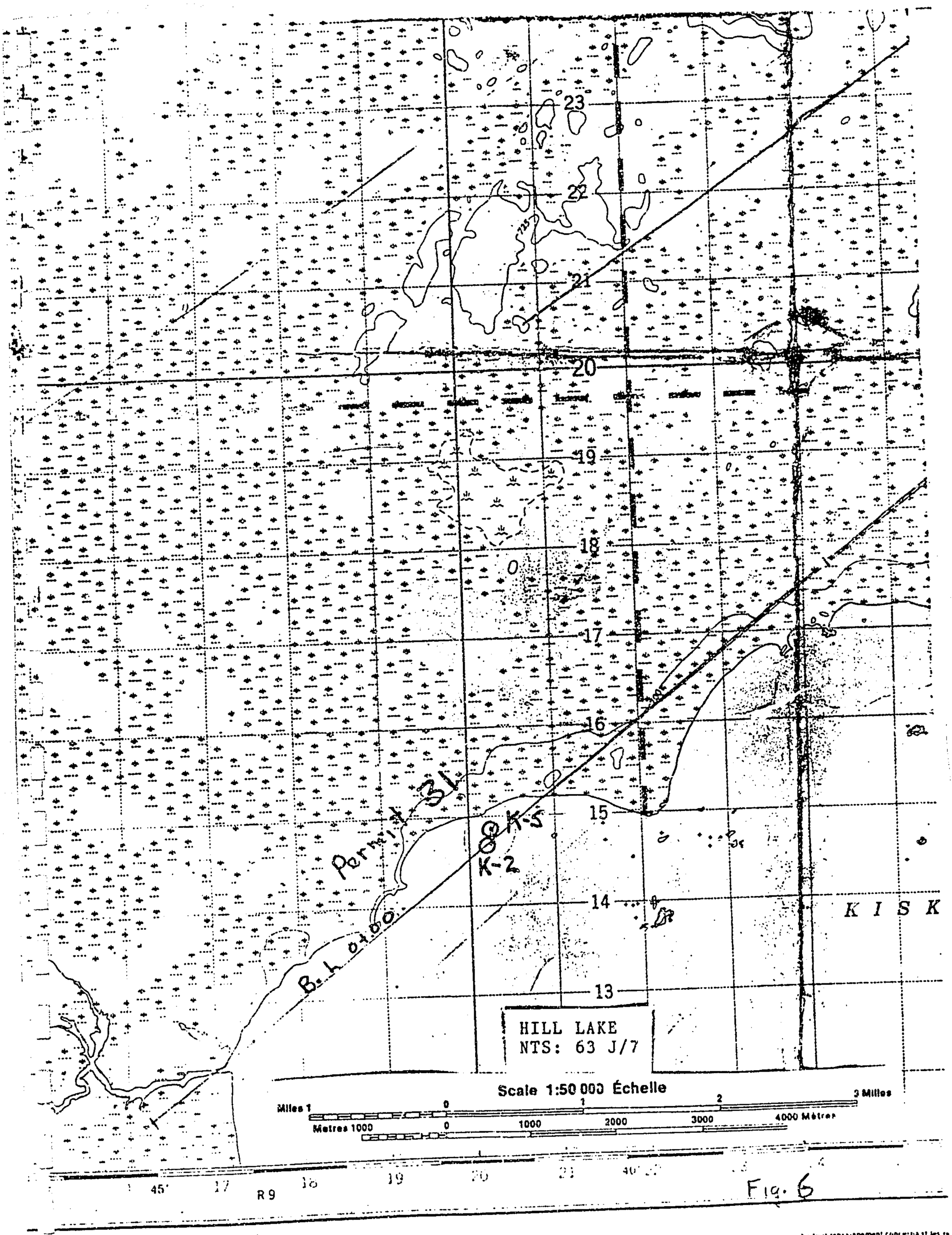

HORSFALL ISLAND
NTS: 63 J/8
Scale 1:50 000 Échelle
Miles 1
0
1
2
3 Miles
Metres 1000
0
1000
2000
3000
4000 Mètres
NR
K-1
K-3
K-6
K-10
Lake
KITTO
LAKE
Kiskitto Dam
trail
28
27
26
25
24
23
22
21
20
19
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
700
725

Fig. 5



HILL LAKE

Information concerning bench marks and horizontal survey monuments can be obtained from Geodetic Survey, Surveys and Mapping Branch, Ottawa

Pour tout renseignement concernant les repères d'arpentage et les levés géodésiques, Direction de la géodésie

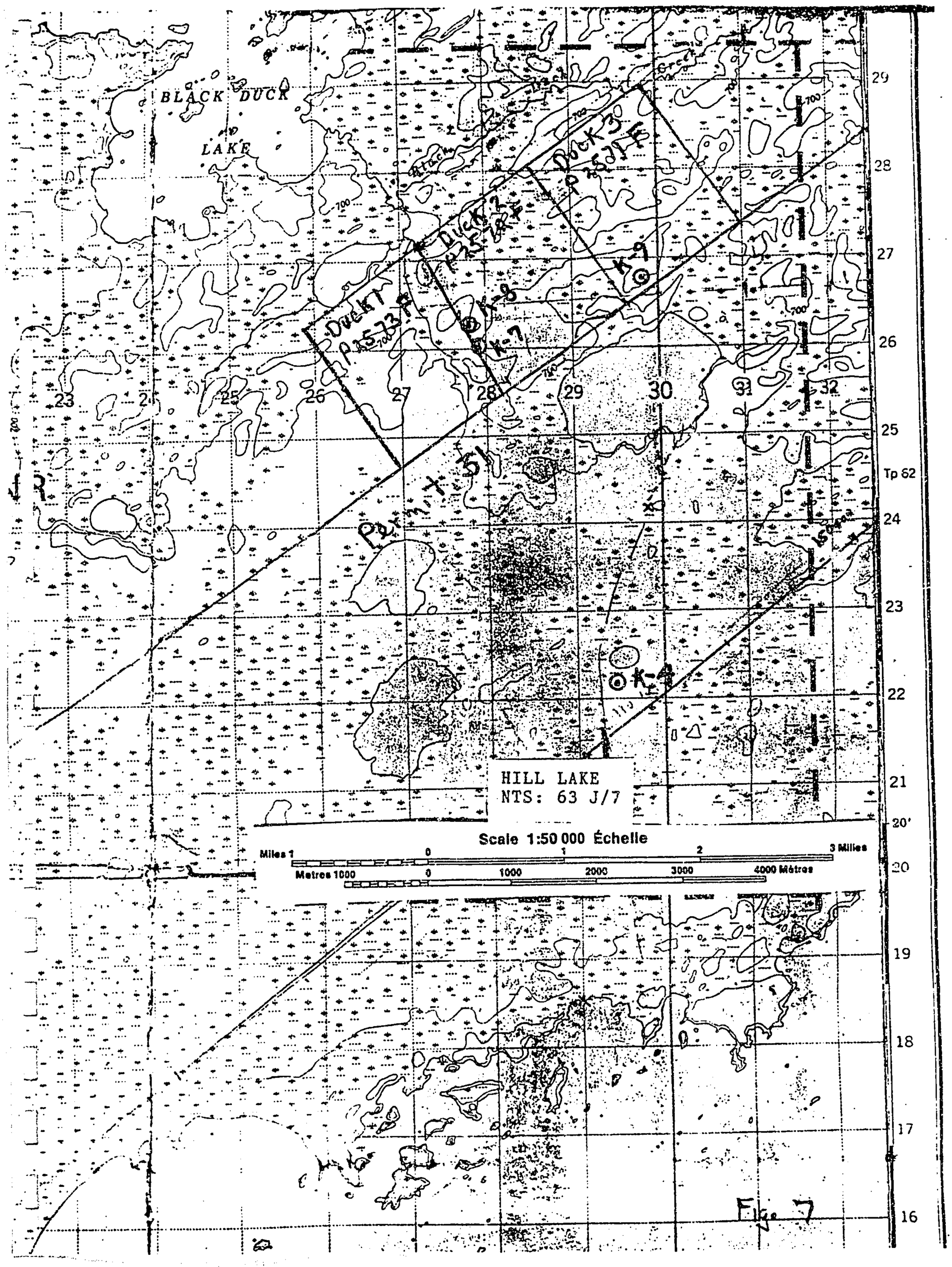
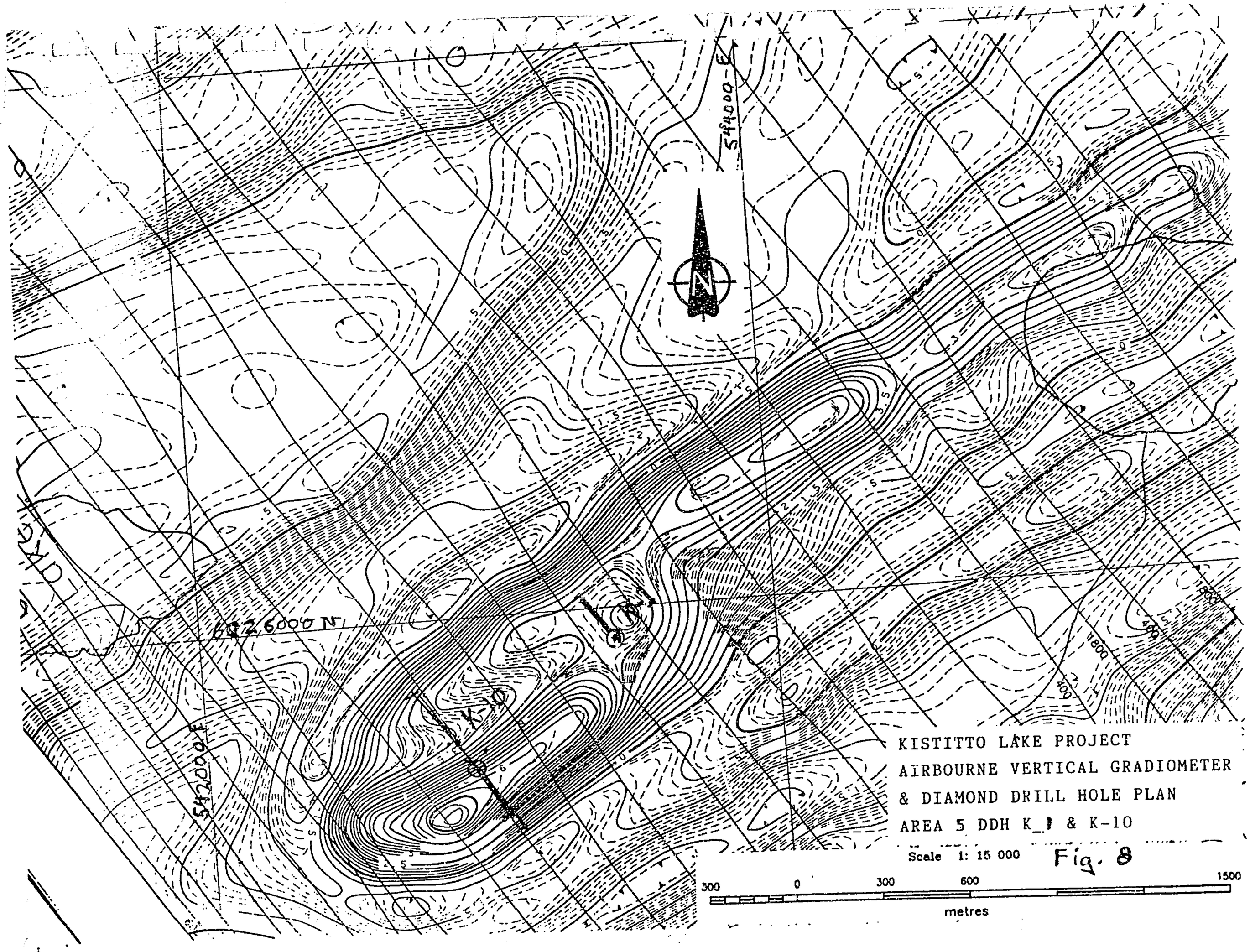

BLACK DUCK
LAKE
HILL LAKE
NTS: 63 J/7
Scale 1:50 000 Échelle
Miles 1
0
1
2
3 Miles
Metres 1000
0
1000
2000
3000
4000 Mètres
Tp 62
23
24
25
26
27
28
29
30
31
32
22
21
20
19
18
17
16
K-7
K-8
K-9
K-4

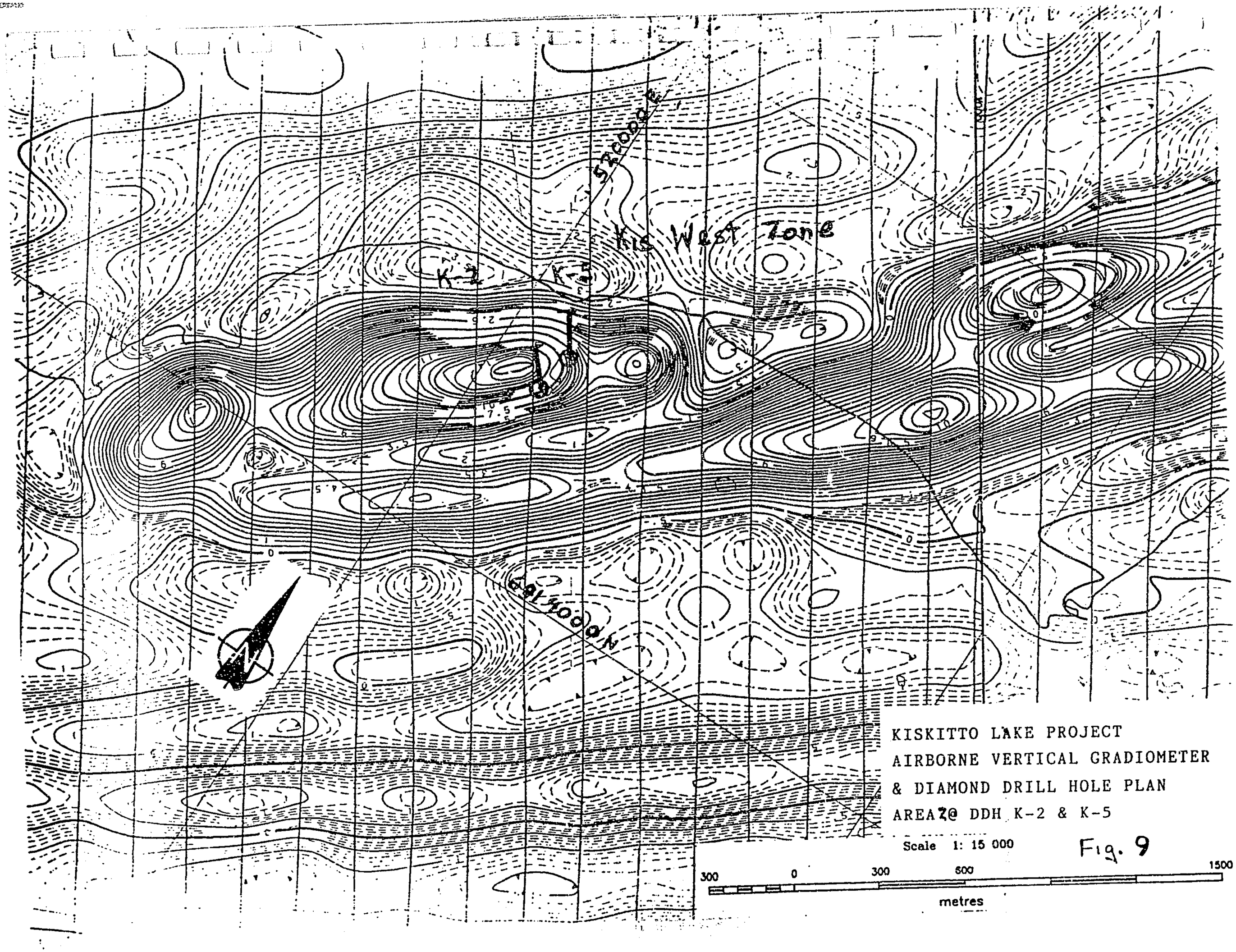
Fig. 7



KISTITTO LAKE PROJECT
AIRBOURNE VERTICAL GRADIOMETER
& DIAMOND DRILL HOLE PLAN
AREA 5 DDH K-1 & K-10

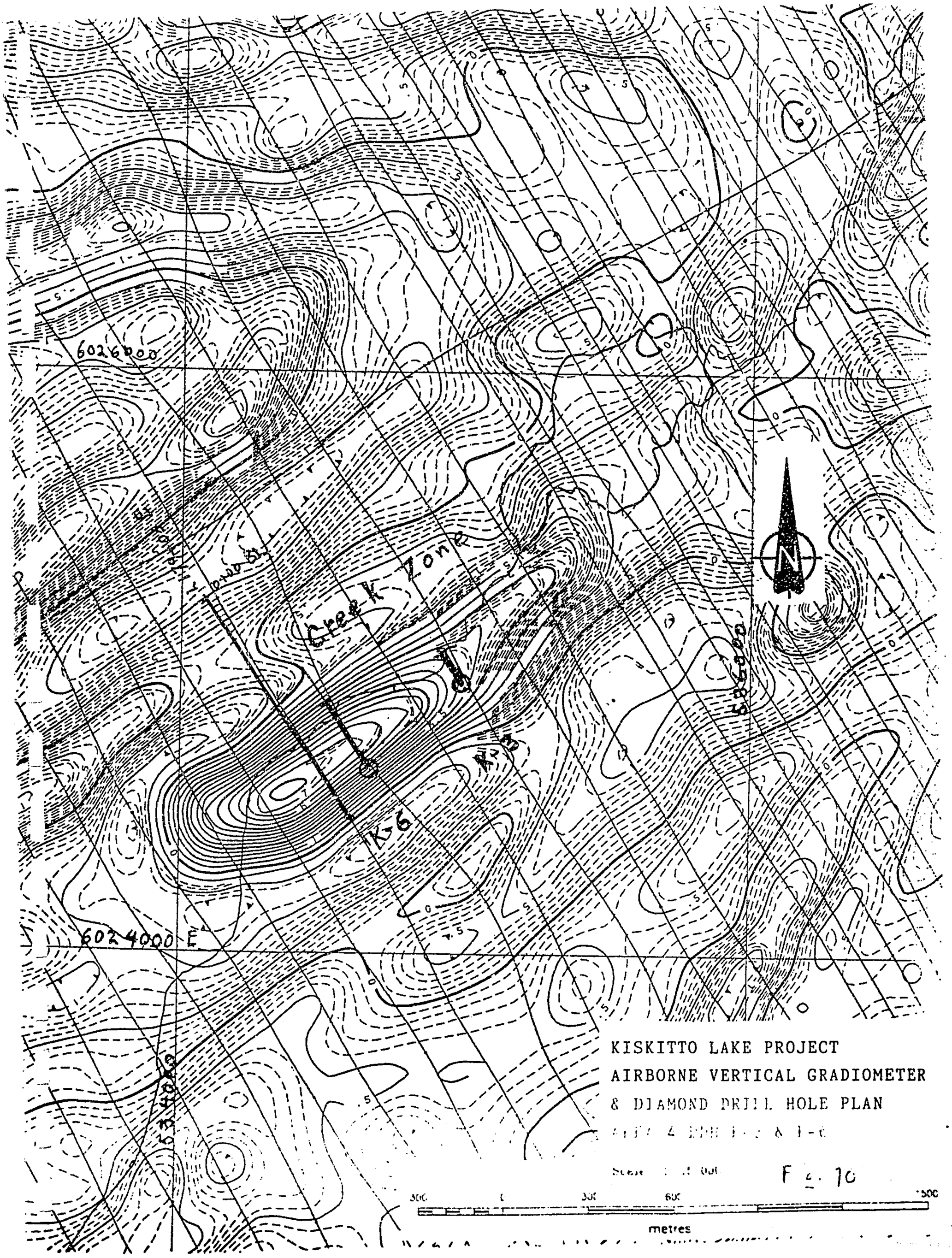
Scale 1: 15 000

Fig. 8



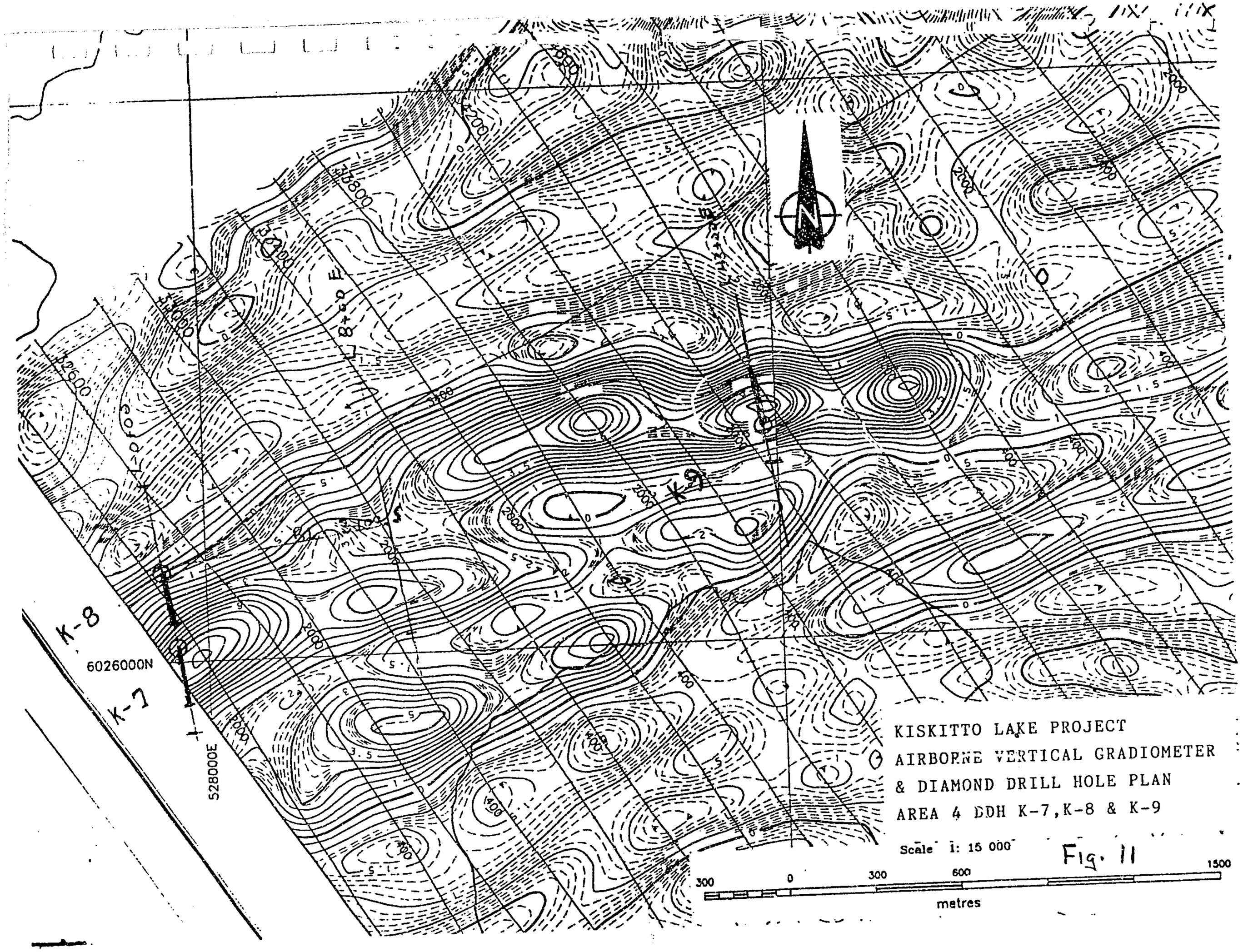
KISKITTO LAKE PROJECT
AIRBORNE VERTICAL GRADIOMETER
& DIAMOND DRILL HOLE PLAN
AREA @ DDH K-2 & K-5

Fig. 9



KISKITTO LAKE PROJECT
AIRBORNE VERTICAL GRADIOMETER
& DIAMOND DRILL HOLE PLAN

Fig. 10



KISKITTO LAKE PROJECT
AIRBORNE VERTICAL GRADIOMETER
& DIAMOND DRILL HOLE PLAN
AREA 4 DDH K-7, K-8 & K-9

Scale 1: 15 000

Fig. 11

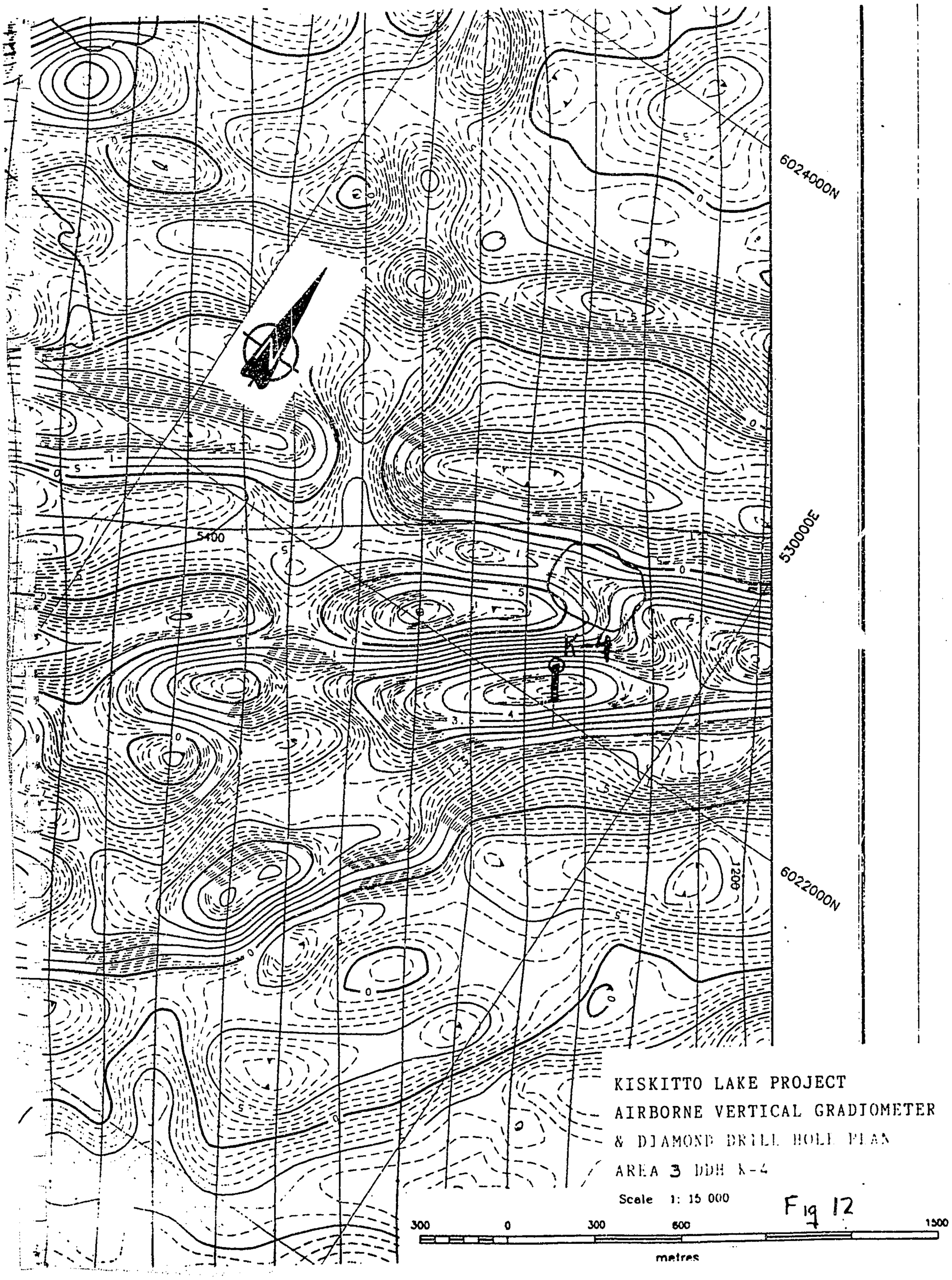
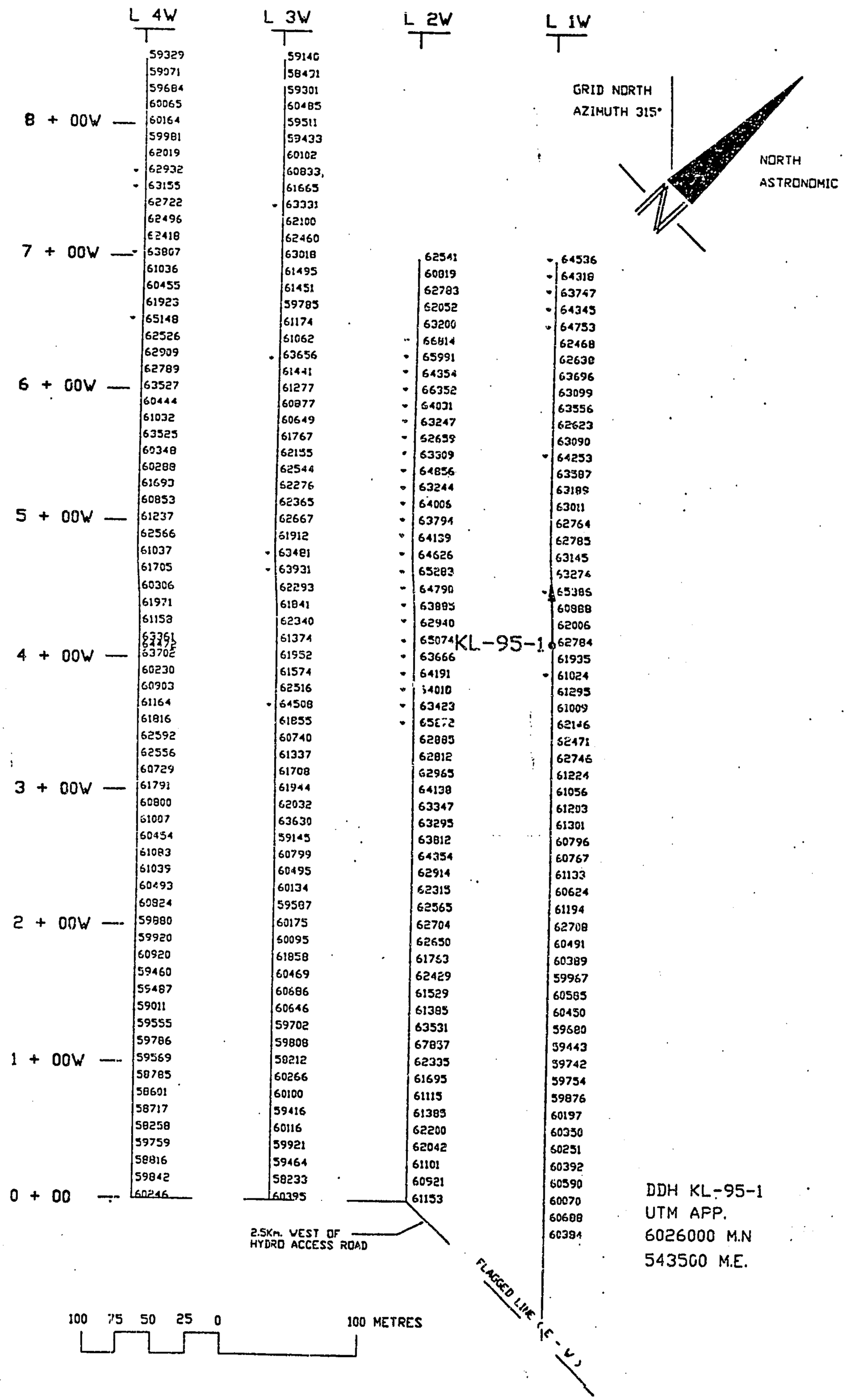

6024000N
530000E
6022000N
5400
K-4
KISKITTO LAKE PROJECT
AIRBORNE VERTICAL GRADIOMETER
& DIAMOND DRILL HOLE PLAN
AREA 3 DDH K-4
Scale 1: 15 000
300
0
300
600
1500
metres

Fig 12



DDH KL-95-1
UTM APP.
6026000 M.N
543500 M.E.

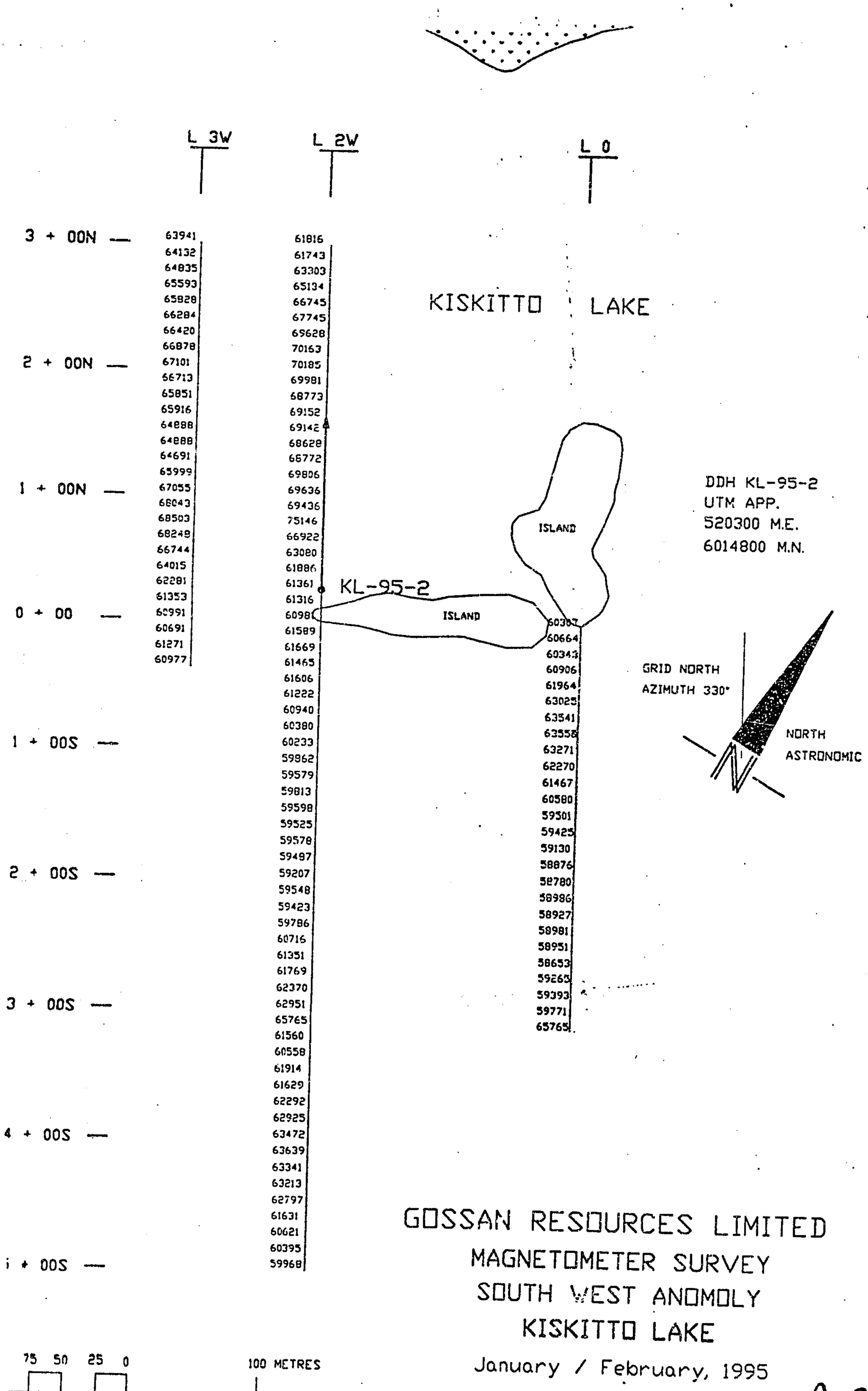
GOSSAN RESOURCES LIMITED

MAGNETOMETER SURVEY
WEST OF HYDRO ROAD
KISKITTO LAKE

January / February, 1995

By: P. BARC

G-1



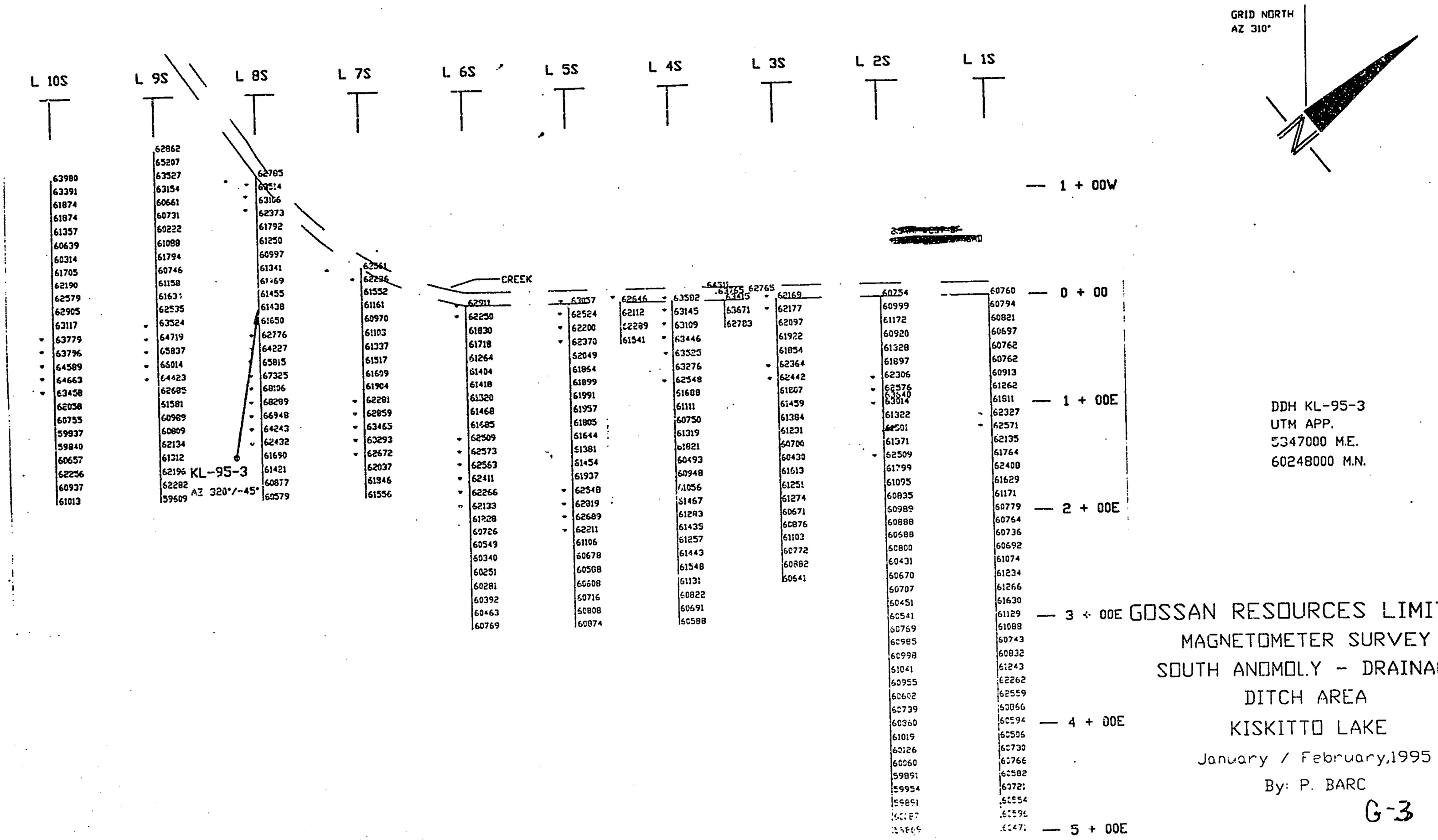
GOSSAN RESOURCES LIMITED

MAGNETOMETER SURVEY
SOUTH WEST ANOMOLY
KISKITTO LAKE

January / February, 1995

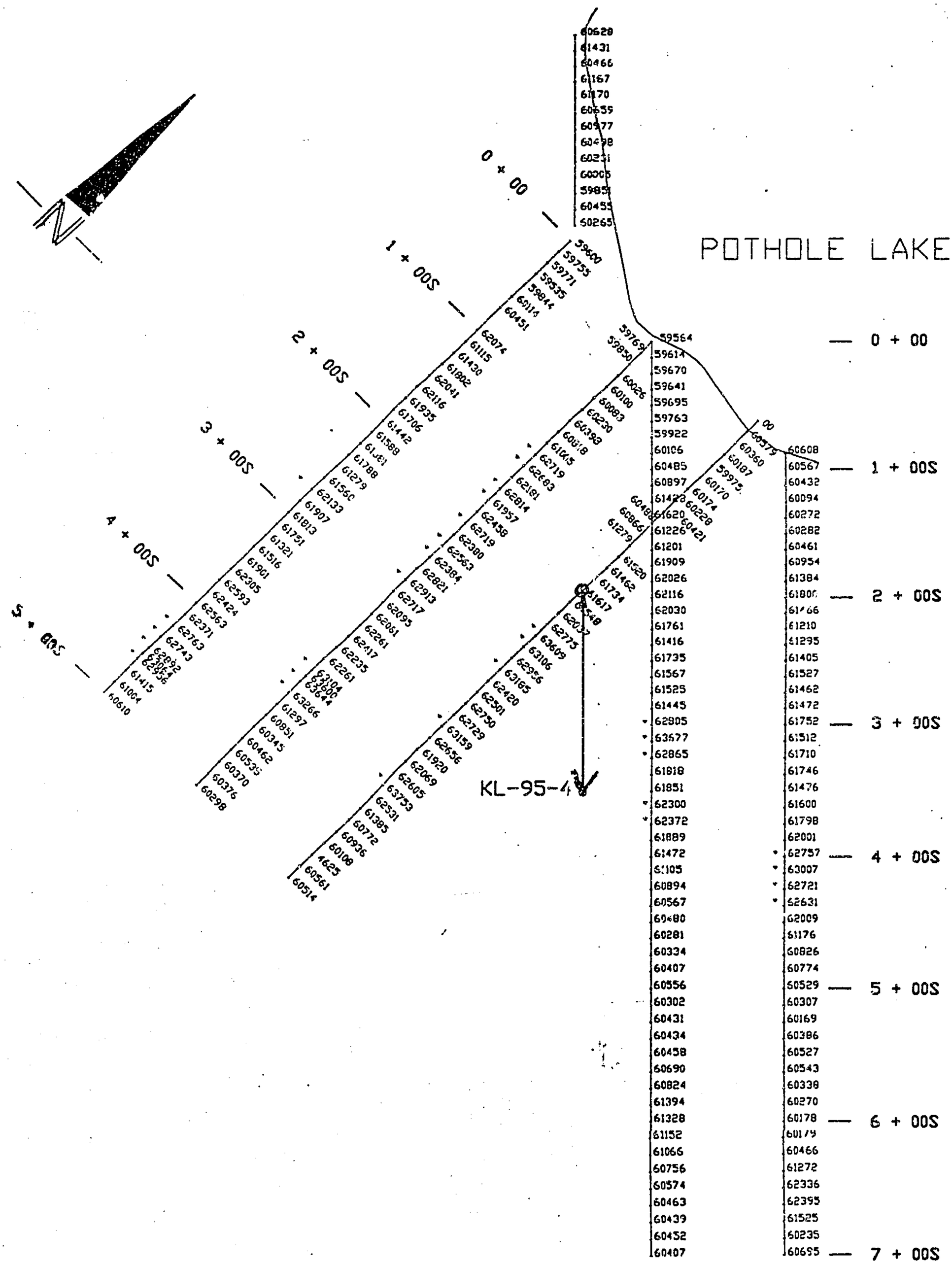
By: P. BARC

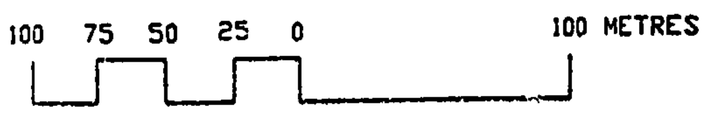
G-2



GOSSAN RESOURCES LIMITED
MAGNETOMETER SURVEY
SOUTH ANOMOLY - DRAINAGE
DITCH AREA
KISKITTO LAKE
January / February,1995
By: P. BARC

G-3





GOSSAN RESOURCES LIMITED

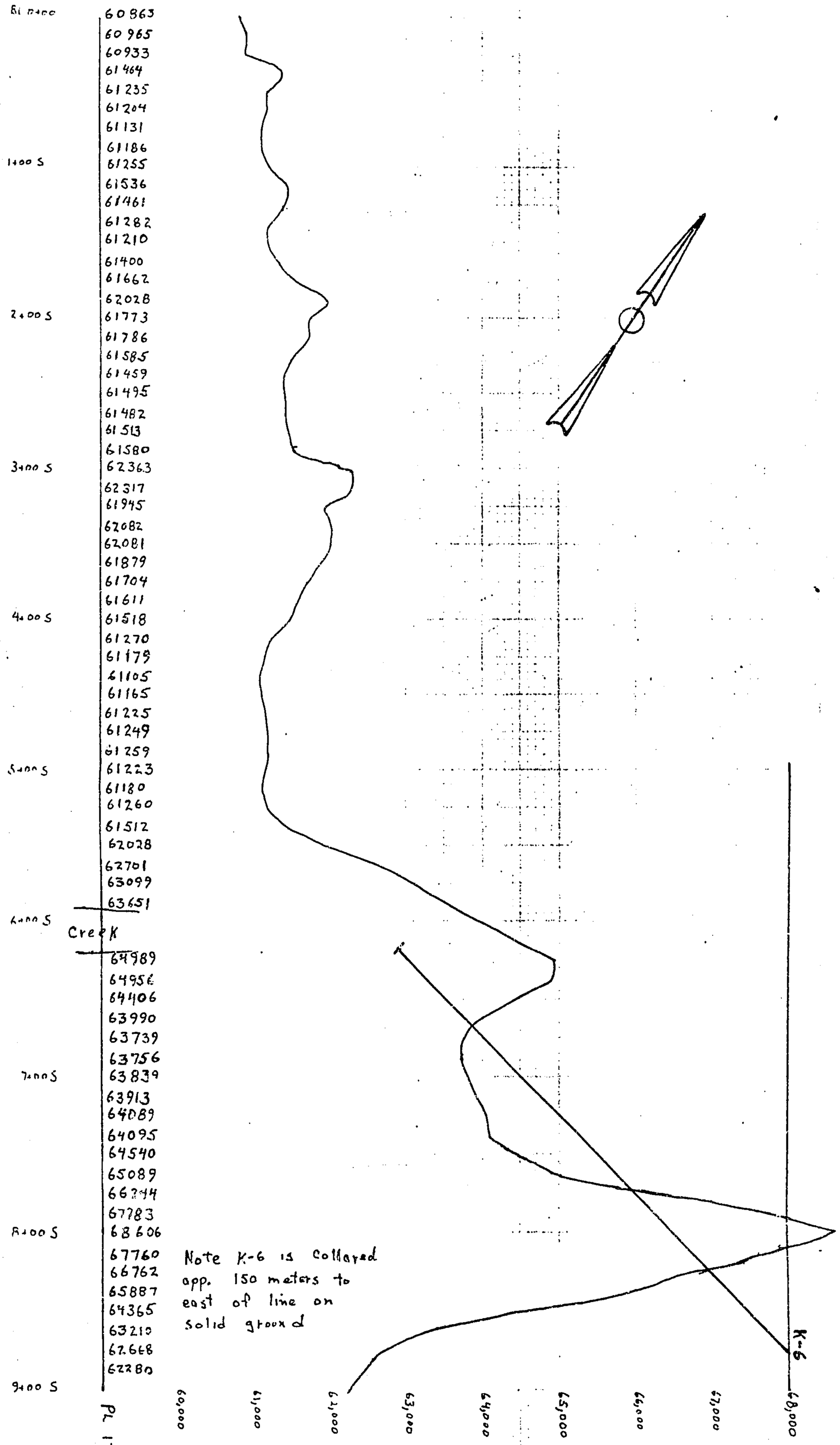
MAGNETOMETER SURVEY

POTHOLE LAKE

January / February, 1995

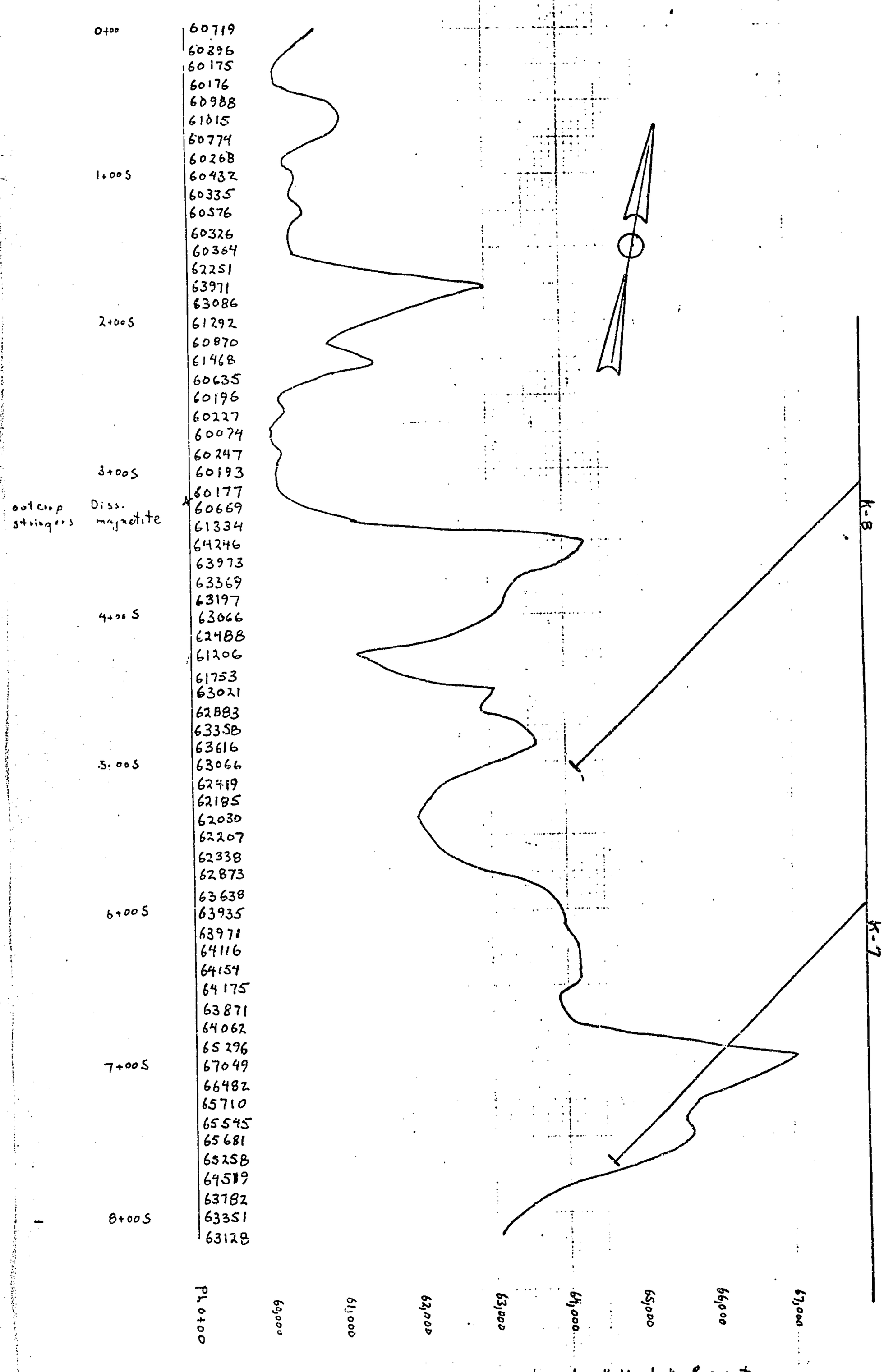
By: P. BARC

G-4



Kiskitto Lake Project
Drainage Ditch Anomaly
Drill Hole K-6

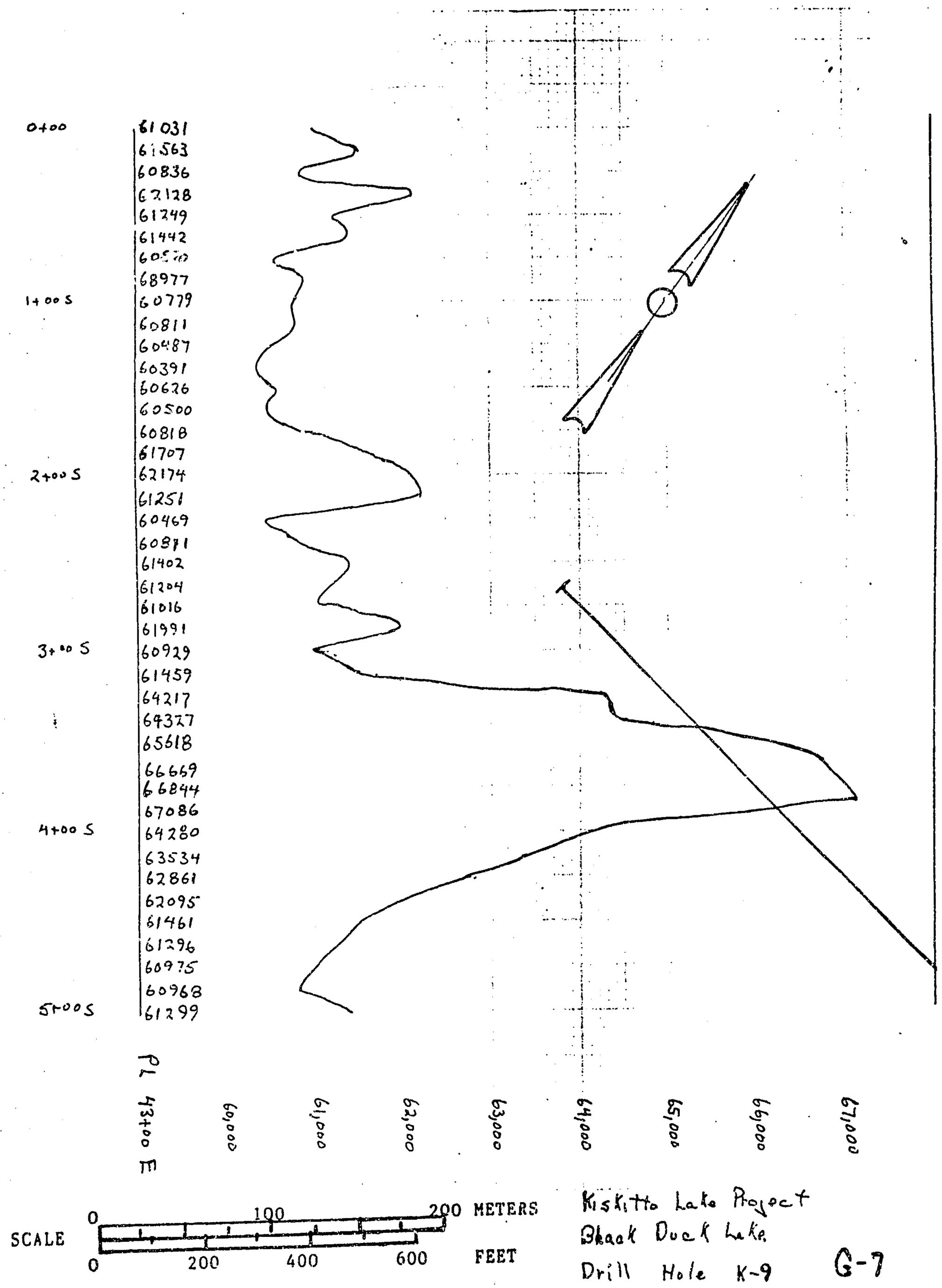
G-5



SCALE 0 100 200 METERS
0 200 400 600 FEET

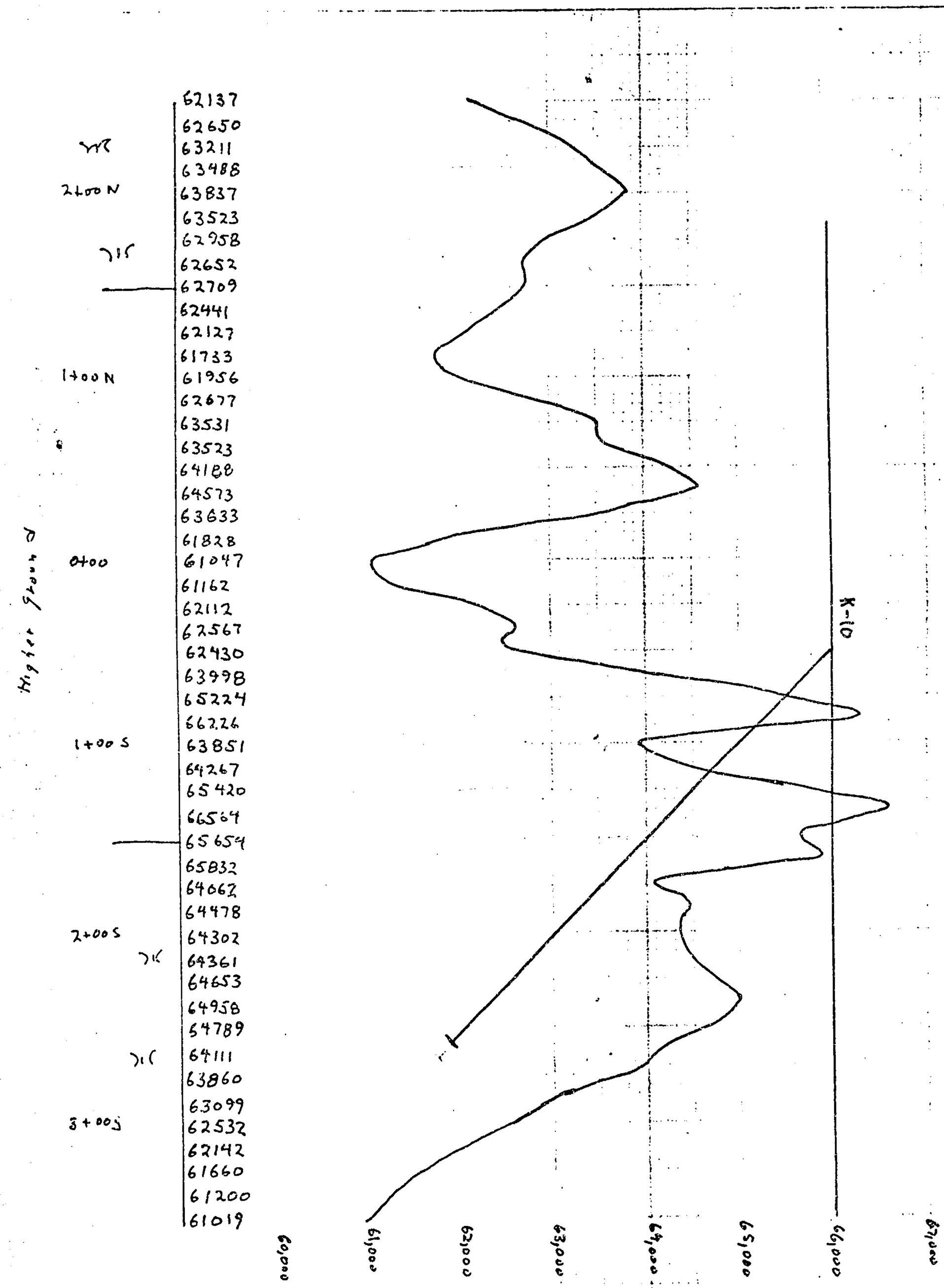
Kiskitto Lake Project
Black Duck Lake
Drill Holes K-7 & K-8

G-6



Kiskitto Lake Project
Black Duck Lake
Drill Hole K-9

G-7

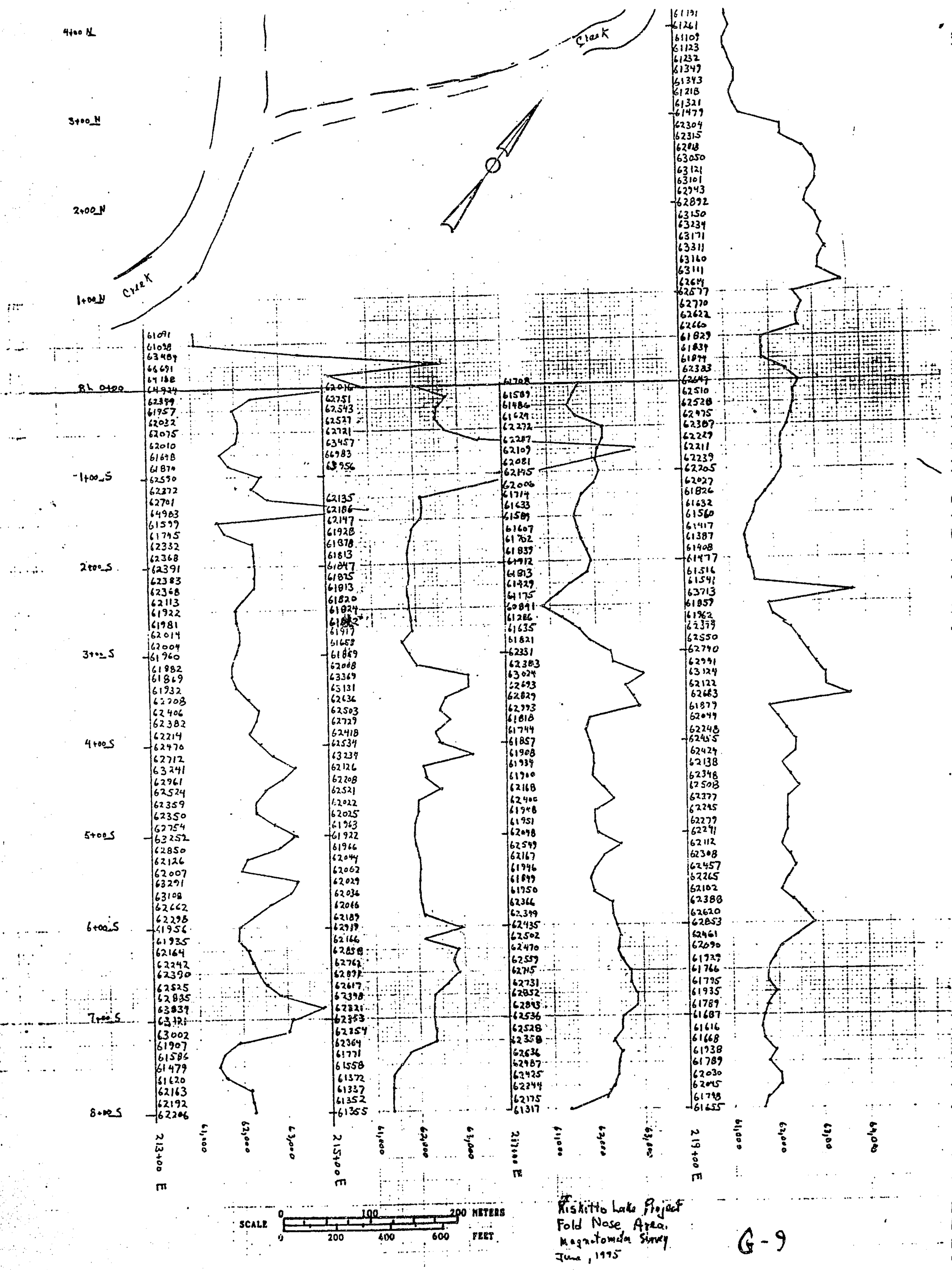


SCALE 0 100 200 METERS

0 200 400 600 FEET

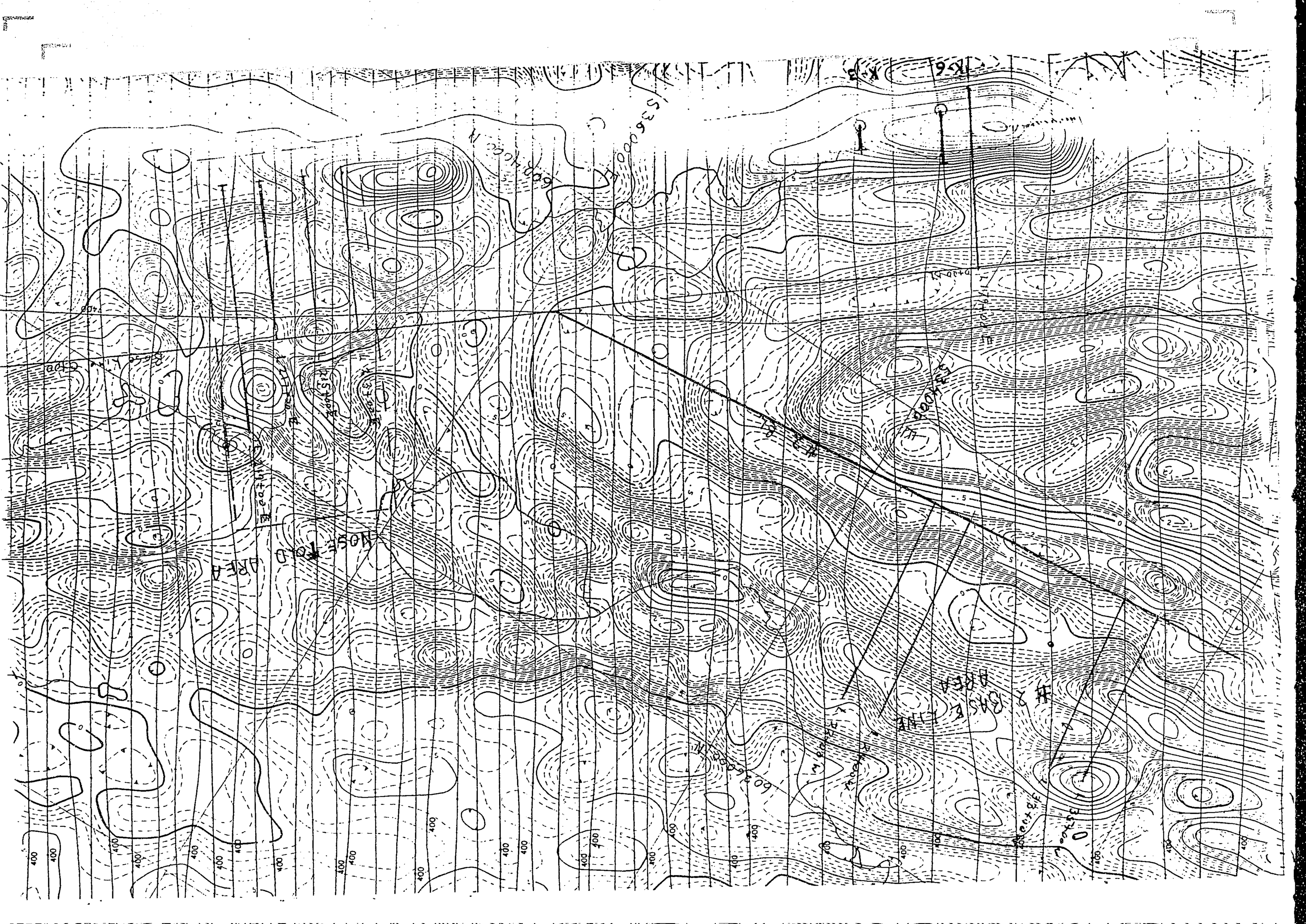
Kiska Ho Lak Project
Longhead Lake Anomaly.
Drill Hole K-10

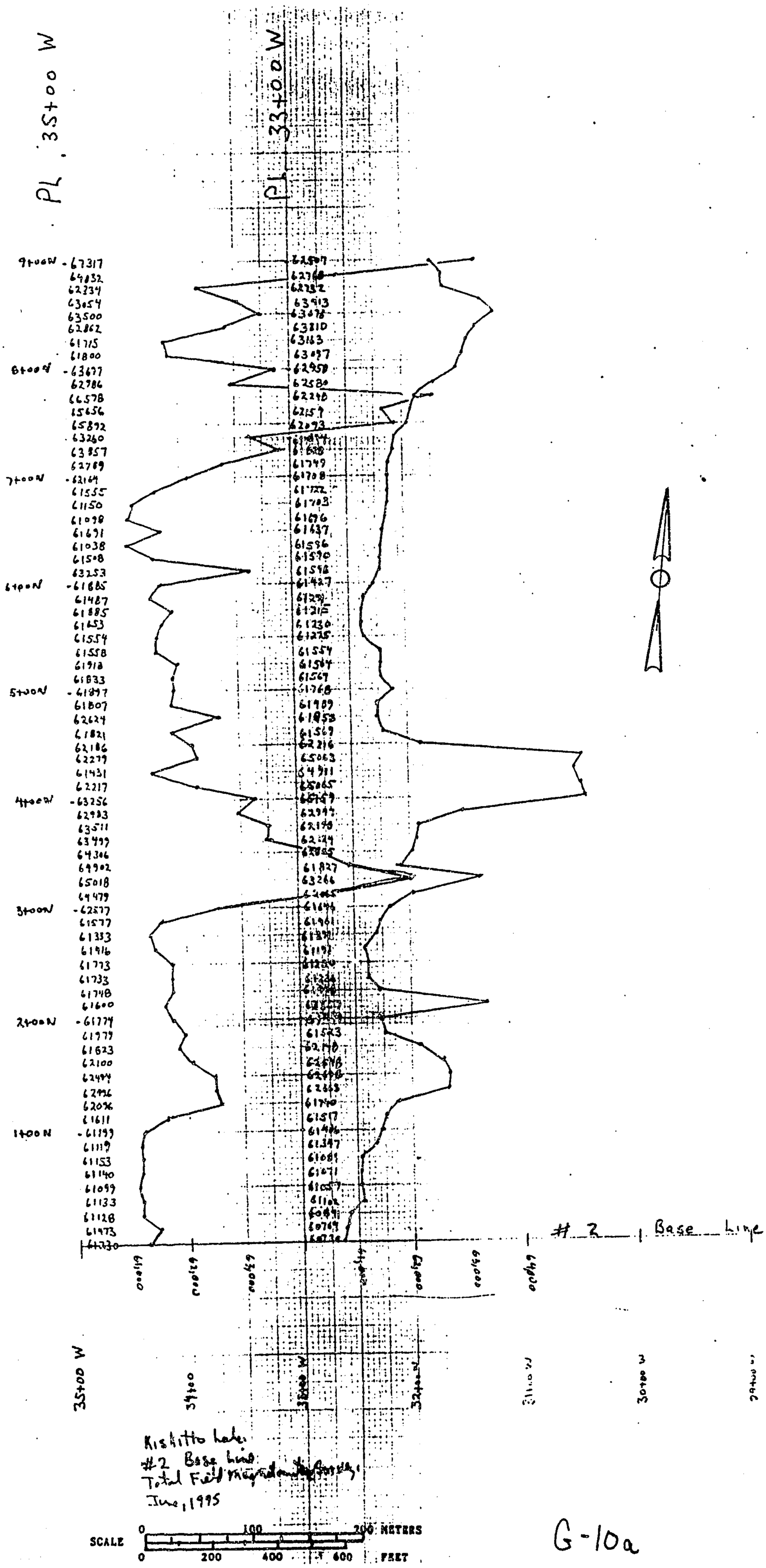
G-8



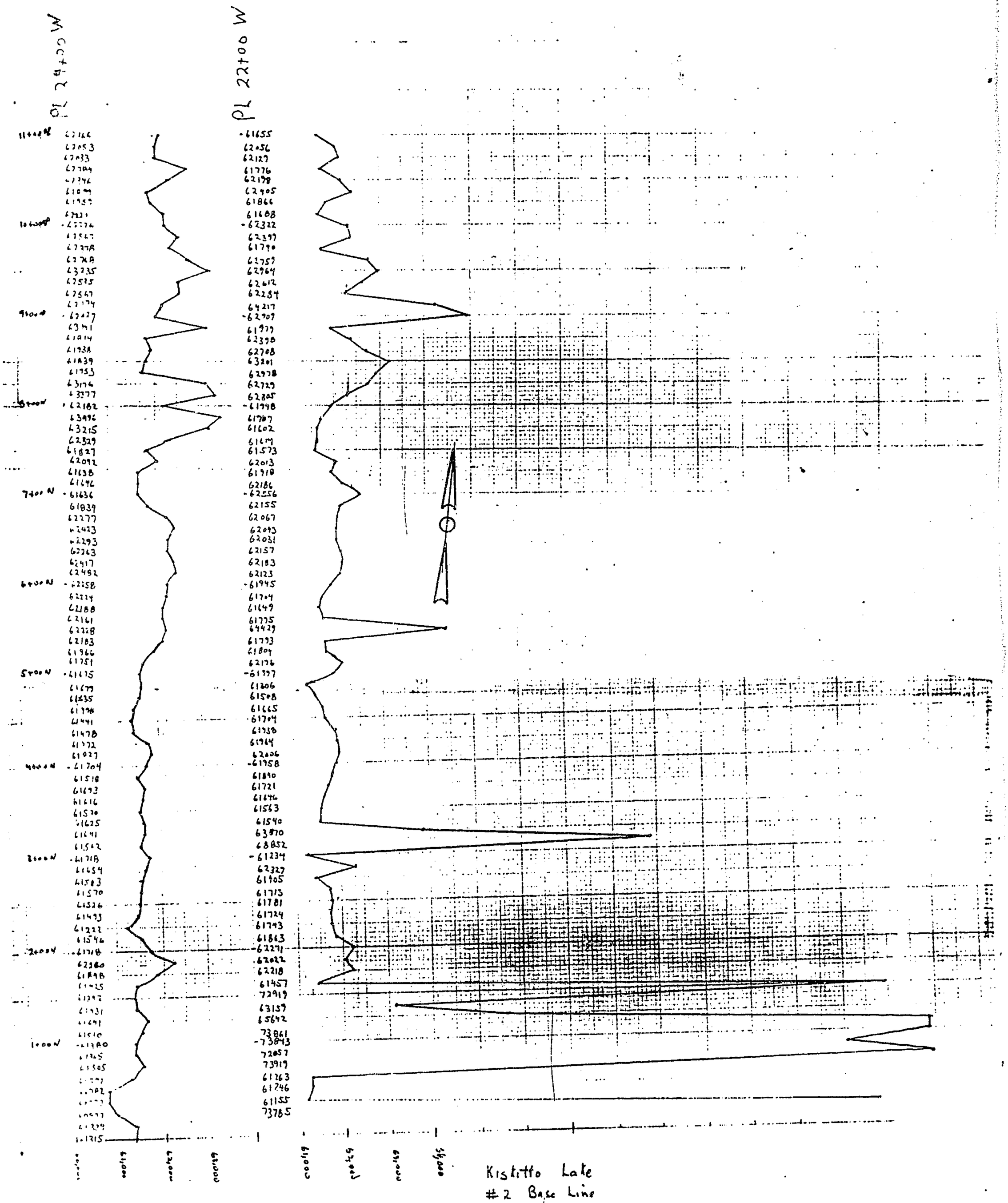
Riskitto Lake Project
Fold Nose Area
Magnetometer Survey
June, 1995

G-9


K-6
K-3
NOSE HOLD AREA
BASE LINE
AREA
400

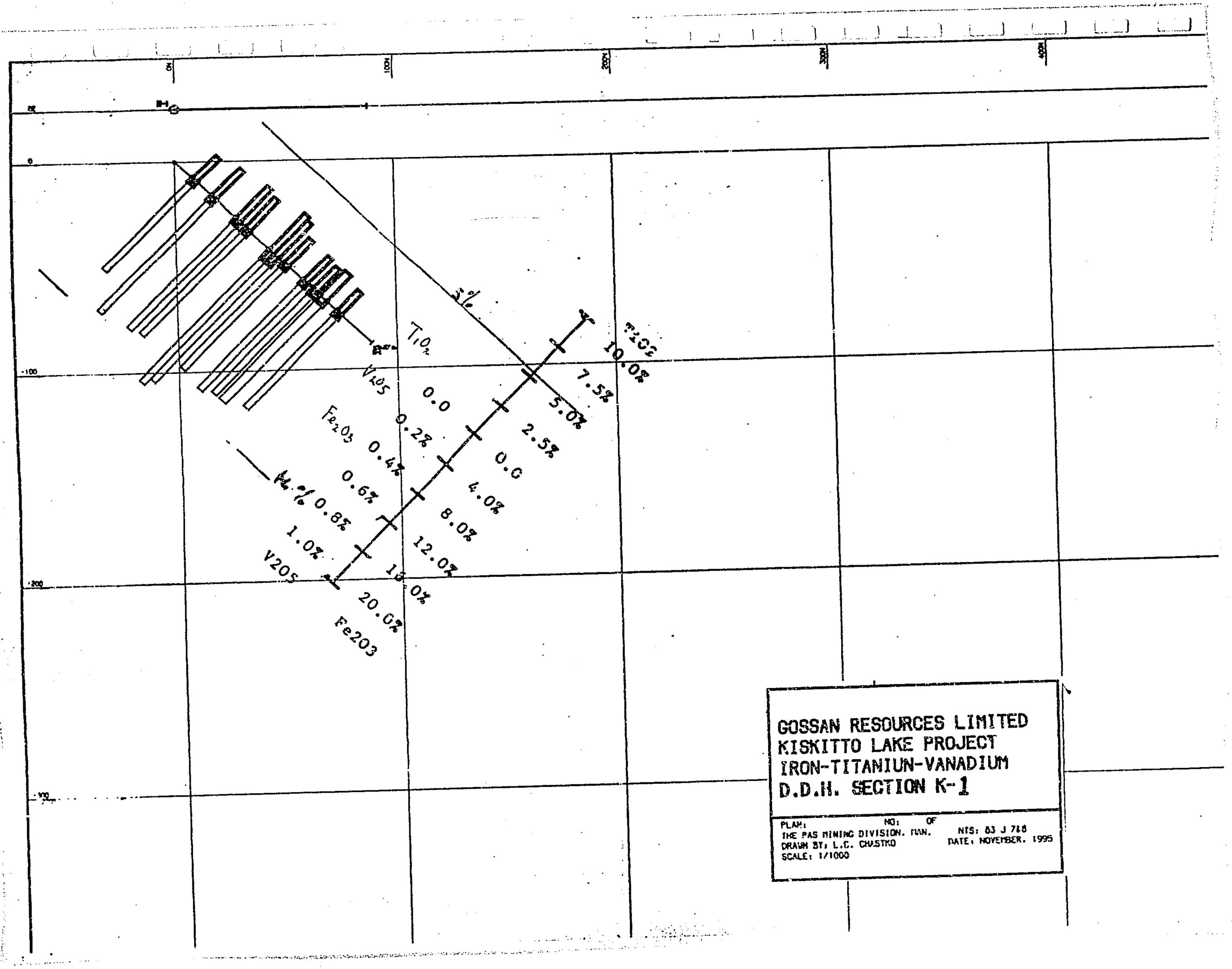

PL 35+00 W
PL 33+00 W
9+00N
8+00N
7+00N
6+00N
5+00N
4+00N
3+00N
2+00N
1+00N
#2 Base Line
35+00 W
34+00
32+00 W
30+00 W
Kishitto Lake
#2 Base Line
Total Field Magnetic Survey
June, 1995
SCALE
0
100
200 METERS
0
200
400
600 FEET

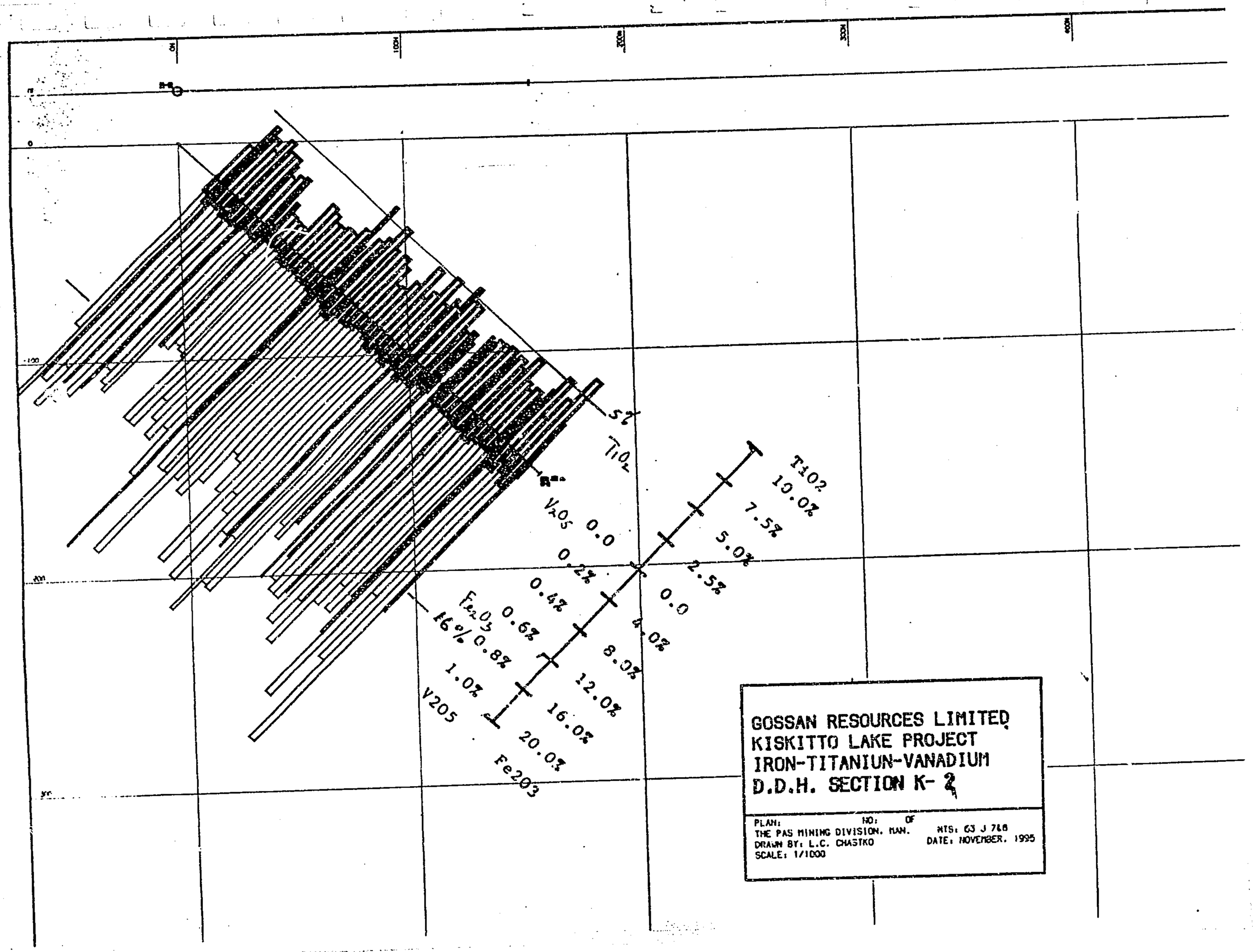
G-10a

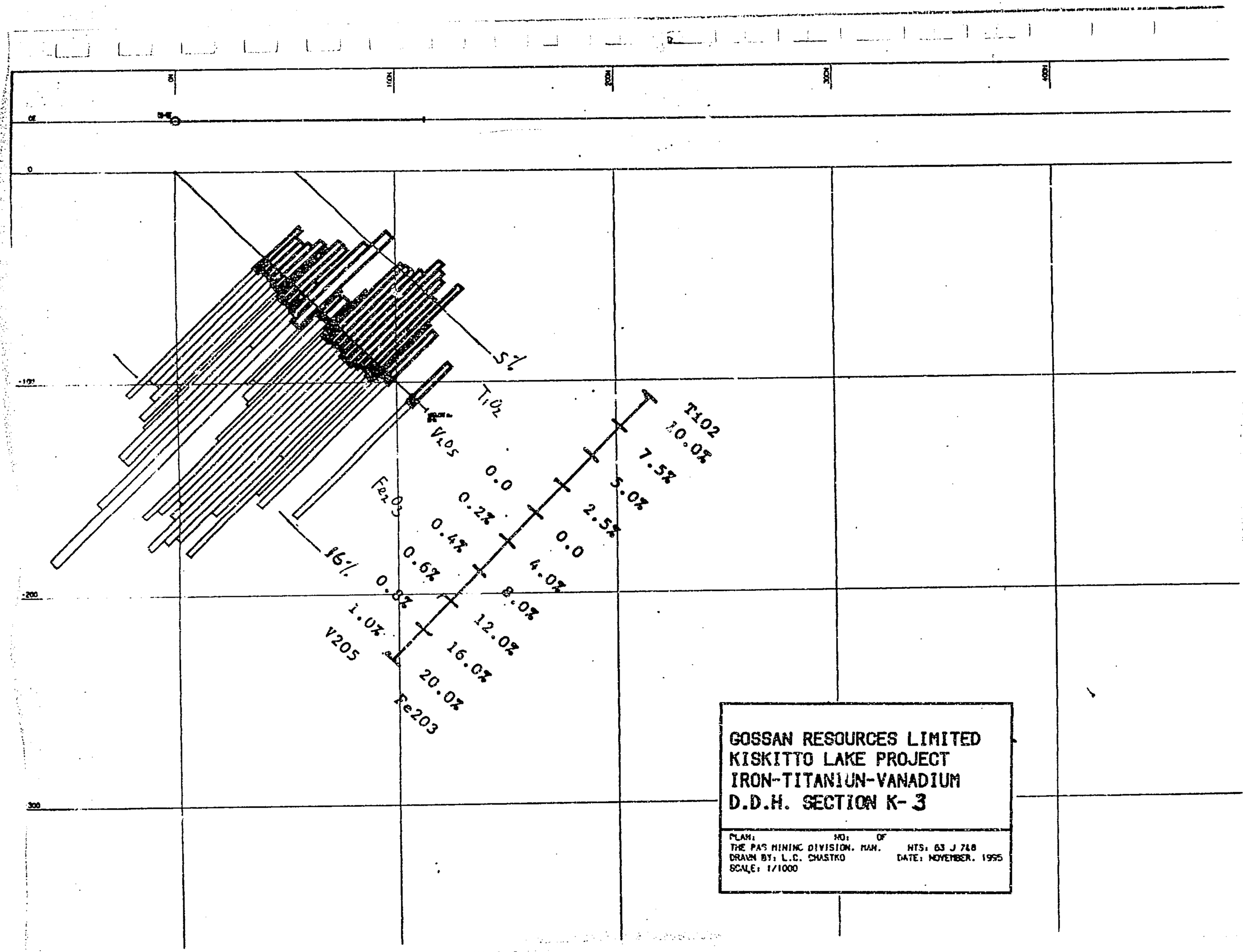


Kistitto Lake
#2 Base Line
Total Field Magnetometer Survey
June, 1995

G-10b

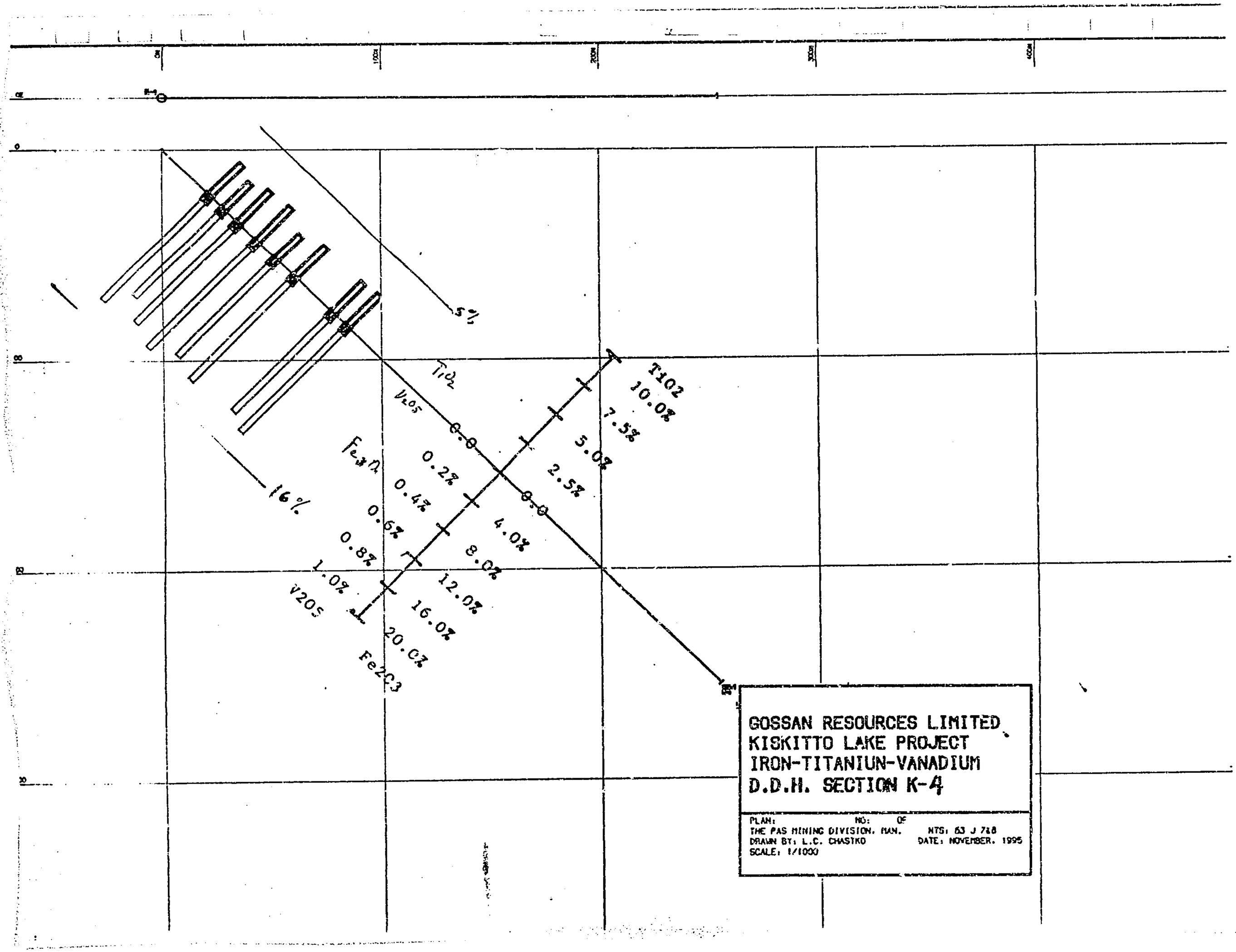

TiO2
V2O5
Fe2O3
SiO2
0.0
0.2%
0.4%
0.6%
0.8%
1.0%
2.5%
5.0%
7.5%
10.0%
12.5%
0.0
4.0%
8.0%
12.0%
16.0%
20.0%
V2O5
Fe2O3
GOSSAN RESOURCES LIMITED
KISKITTO LAKE PROJECT
IRON-TITANIUN-VANADIUM
D.D.H. SECTION K-1
PLAN: NO: OF
THE PAS MINING DIVISION, MAN.
NTS: 63 J 7&8
DRAWN BY: L.C. CHASTKO
DATE: NOVEMBER, 1995
SCALE: 1/1000


50
TiO2
V2O5
0.0
0.2%
0.4%
0.6%
0.8%
1.0%
V205
Fe2O3
16%
Fe203
20.0%
16.0%
12.0%
8.0%
4.0%
0.0
2.5%
5.0%
7.5%
10.0%
TiO2
GOSSAN RESOURCES LIMITED
KISKITTO LAKE PROJECT
IRON-TITANIUN-VANADIUM
D.D.H. SECTION K- 2
PLAN: NO: OF
THE PAS MINING DIVISION, MAN.
NTS: 63 J 7&8
DRAWN BY: L.C. CHASTKO
DATE: NOVEMBER, 1995
SCALE: 1/1000



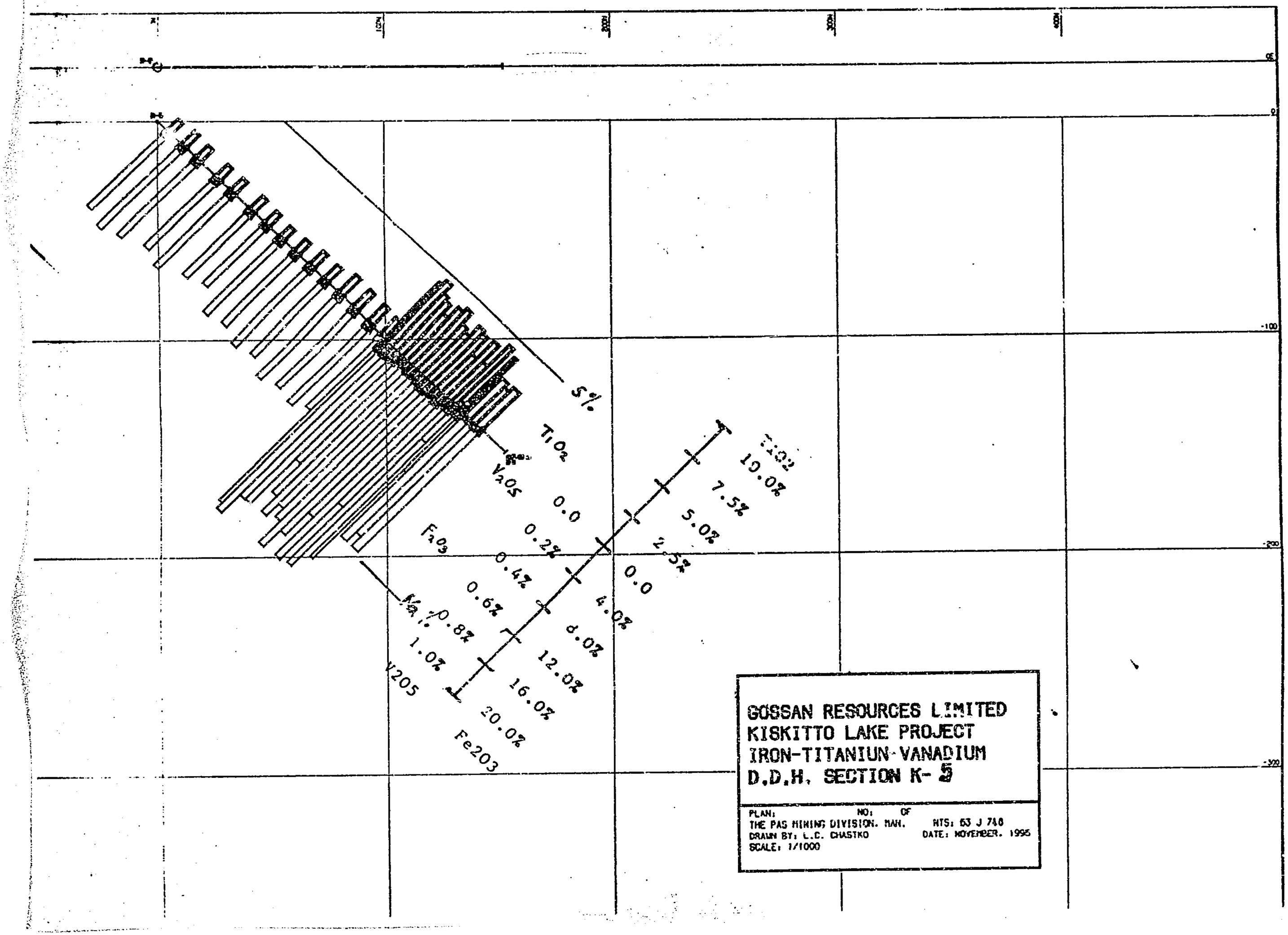
GOSSAN RESOURCES LIMITED
KISKITTO LAKE PROJECT
IRON-TITANIUN-VANADIUM
D.D.H. SECTION K-3

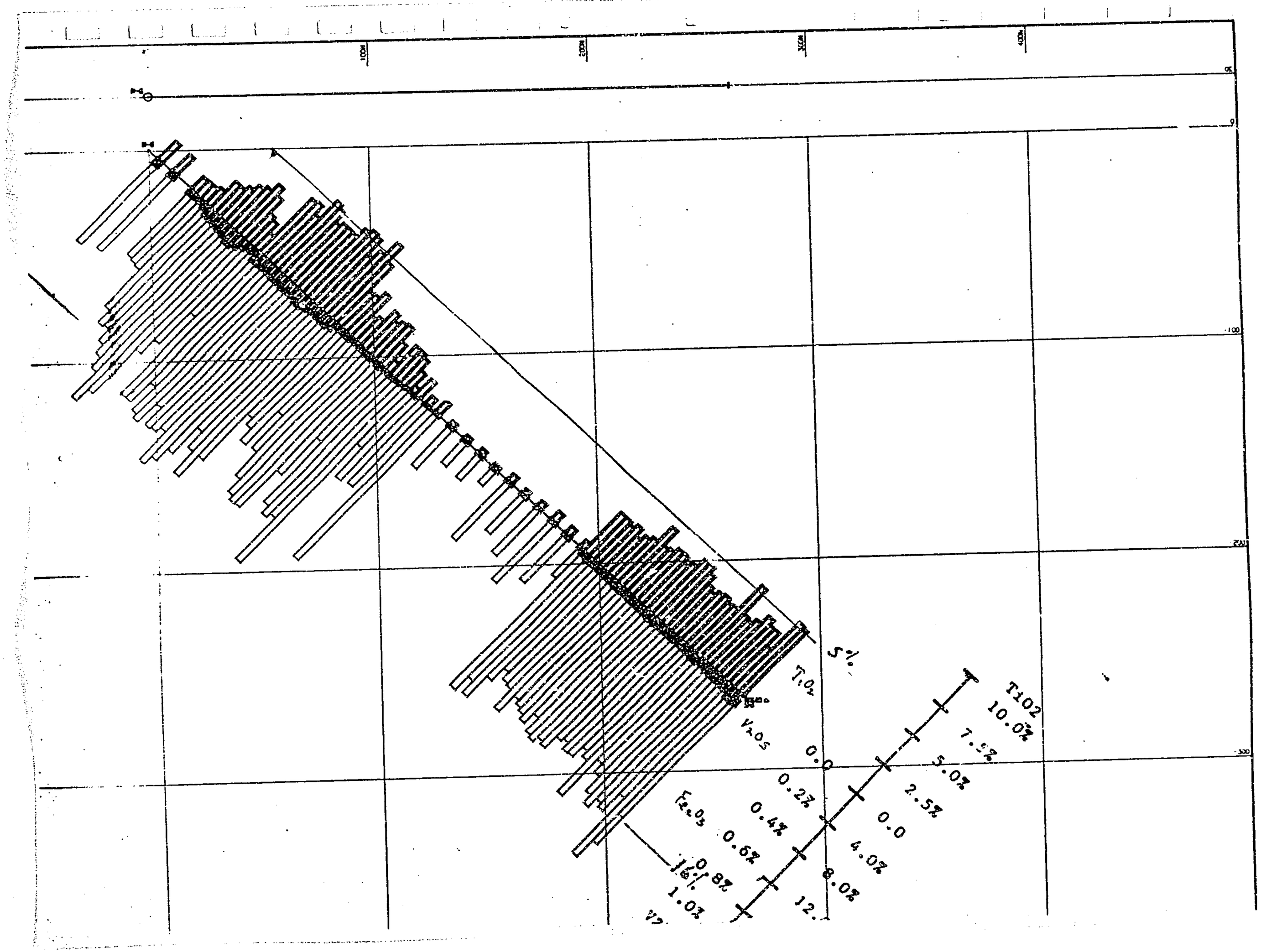
PLAN: NO: OF
THE PAS MINING DIVISION. MAN. NTS: 63 J 7&8
DRAWN BY: L.C. CHASTKO DATE: NOVEMBER. 1995
SCALE: 1/1000

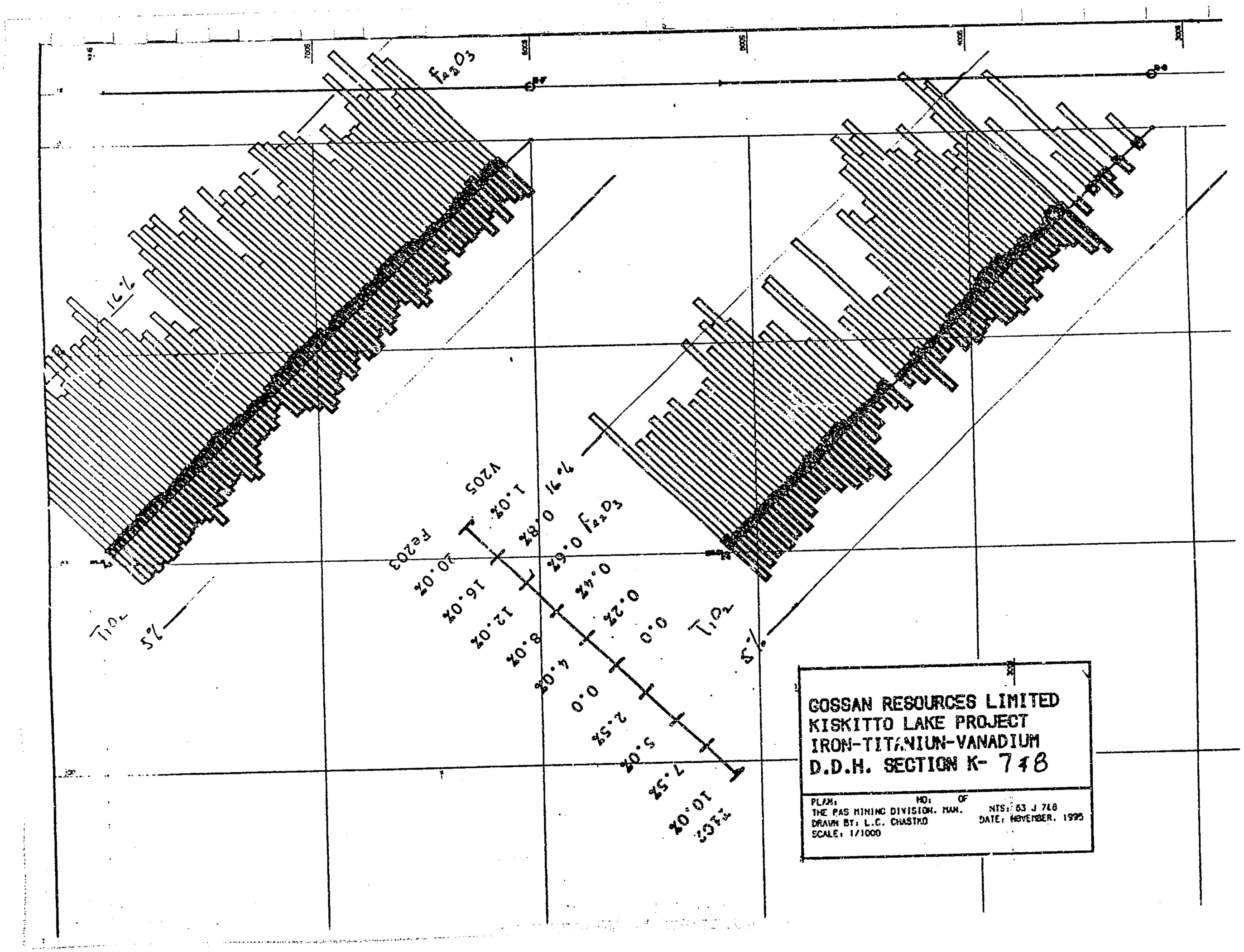


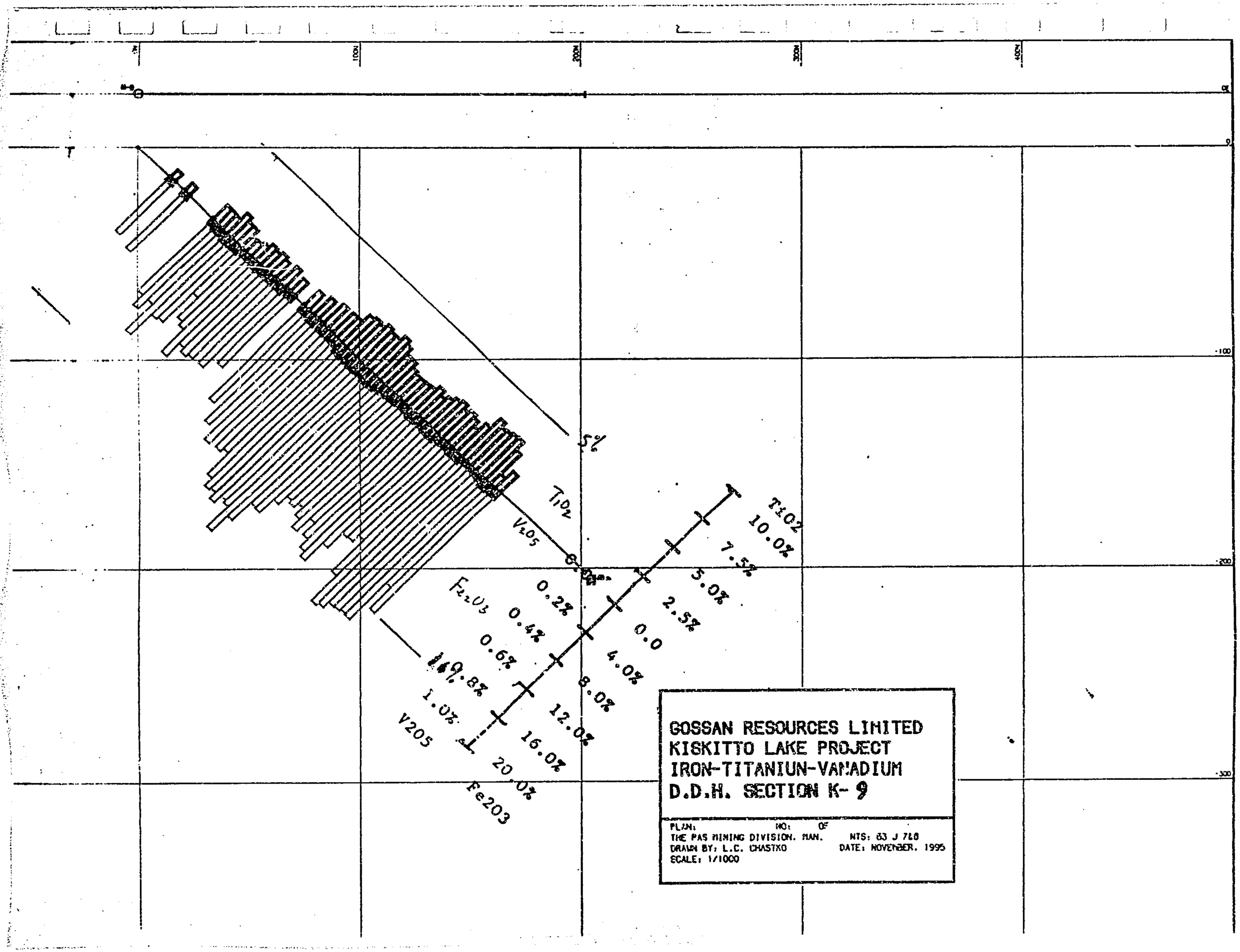
GOSSAN RESOURCES LIMITED
KISKITTO LAKE PROJECT
IRON-TITANIUN-VANADIUM
D.D.H. SECTION K-4

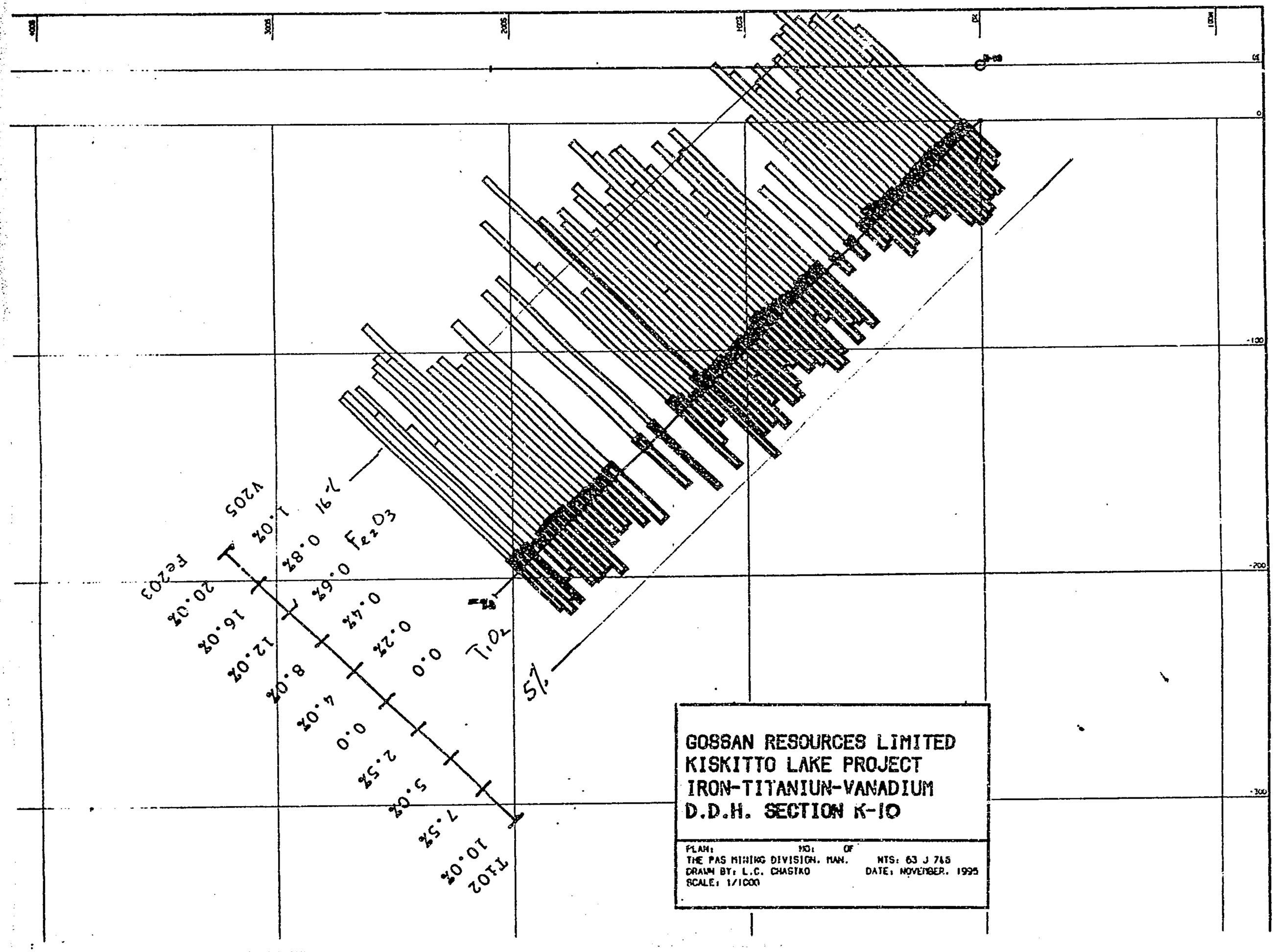
PLAN: NO: OF
THE PAS MINING DIVISION, MAN. NTS: 63 J 7&8
DRAWN BY: L.C. CHASTKO DATE: NOVEMBER, 1995
SCALE: 1/1000


5%
TiO2
V2O5
Fe2O3
Na2O
V2O5
Fe2O3
0.0
0.2%
0.4%
0.6%
0.8%
1.0%
0.0
2.5%
5.0%
7.5%
10.0%
4.0%
8.0%
12.0%
16.0%
20.0%
GOSSAN RESOURCES LIMITED
KISKITTO LAKE PROJECT
IRON-TITANIUM-VANADIUM
D.D.H. SECTION K-5
PLAN: NO: OF
THE PAS MINING DIVISION, MAN. NTS: 63 J 7&8
DRAWN BY: L.C. CHASTKO DATE: NOVEMBER, 1995
SCALE: 1/1000


100m
200m
300m
400m
0R
0
-100
-200
-300
5%
TiO_2
V_2O_5
0.0
0.2%
0.4%
0.6%
0.8%
1.0%
Fe_2O_3
1.0%
0.0
2.5%
5.0%
7.5%
10.0%
TiO2
4.0%
8.0%
12.


GOSSAN RESOURCES LIMITED
KISKITTO LAKE PROJECT
IRON-TITANIUN-VANADIUM
D.D.H. SECTION K- 748
PLAN: NO: OF
THE PAS MINING DIVISION. MAN.
NTS: 63 J 7&8
DRAWN BY: L.C. CHASTKO
DATE: NOVEMBER. 1995
SCALE: 1/1000
7005
6005
5005
4005
3005
$f_{42}D_3$
16%
5%
TiO_2
Fe_2O_3
V2O5
20.0%
16.0%
12.0%
8.0%
4.0%
0.0
0.4%
0.8%
1.0%
2.5%
5.0%
7.5%
10.0%
12.5%


100N
200N
300N
400N
5%
TiO2
V2O5
Fe2O3
V205
Fe203
0.2%
0.4%
0.6%
0.8%
1.0%
0.0
2.5%
5.0%
7.5%
10.0%
4.0%
8.0%
12.0%
16.0%
20.0%
GOSSAN RESOURCES LIMITED
KISKITTO LAKE PROJECT
IRON-TITANIUN-VANADIUM
D.D.H. SECTION K-9
PLAN: NO: OF
THE PAS MINING DIVISION, MAN. NTS: 63 J 7&8
DRAWN BY: L.C. CHASTKO DATE: NOVEMBER, 1995
SCALE: 1/1000



GOSSAN RESOURCES LIMITED
KISKITTO LAKE PROJECT
IRON-TITANIUN-VANADIUM
D.D.H. SECTION K-10

PLAN: NO: OF
THE PAS MINING DIVISION, MAN. NTS: 63 J 7&8
DRAWN BY: L.C. CHASTKO DATE: NOVEMBER, 1995
SCALE: 1/1000

1995/11/14

** BORSURV **

SUMMARY OF DRILL HOLE LOCATIONS AT Kiskitto

Hole No.	EASTINGS	NORTHINGS	ELEVATION	UNITS	INCLINATION	BEARING	FINAL DEPTH
K-1	543410.00	6025900.00	0.00	feet	-45.00	325.00	410.00
K-2	520220.00	6014675.00	0.00	feet	-45.00	320.00	~~727.00~~ 709
K-3	535000.00	6024910.00	0.00	feet	-45.00	325.00	527.00
K-4	529520.00	6022110.00	0.00	feet	-45.00	150.00	410.00
K-5	520230.00	6014810.00	0.00	feet	-45.00	325.00	708.00
K-6	534680.00	6024620.00	0.00	feet	-45.00	325.00	1227.00
K-7	527900.00	6026025.00	0.00	feet	-45.00	170.00	908.00
K-8	527850.00	6026310.00	0.00	feet	-45.00	170.00	917.00
K-9	529980.00	6026775.00	0.00	feet	-45.00	350.00	938.00 738
K-10	542900.00	6025475.00	0.00	feet	-45.00	325.00	964.00

1995/11/14

SUMMARY OF DRILL DATA ON BORSURV FILES AT Kiskitto

Hole No.	Grid Name	Eastings	Northings	Elevation	Units	Dip	Grid Bearing	Depth	Wedges	Litho Units	No. of Assays	Averaged Zones Total	Averaged Zones Named	Elements
K-1	Recon	543410.00	6025900.00	0.00	feet	-45.00	325.00	410.00	0	0	11	0	4	4(, TiO2(%), Fe2O3(%), V2O5(%))
K-2	Recon	520220.00	6014675.00	0.00	feet	-45.00	320.00	727.00	0	0	81	5	4	4(, TiO2(%), Fe2O3(%), V2O5(%))
K-3	Recon	535000.00	6024910.00	0.00	feet	-45.00	325.00	527.00	0	0	30	4	4	4(, TiO2(%), Fe2O3(%), V2O5(%))
K-4	Recon	529520.00	6022110.00	0.00	feet	-45.00	150.00	410.00	0	0	8	0	4	4(, TiO2(%), Fe2O3(%), V2O5(%))
K-5	None	520230.00	6014810.00	0.00	feet	-45.00	325.00	708.00	0	6	36	1	4	4(SAMPLE, TiO2(%), Fe2O3(%), V2O5(%))
K-6	None	534660.00	6024620.00	0.00	feet	-45.00	325.00	1227.00	0	5	94	2	4	4(SAMPLE, TiO2(%), Fe2O3(%), V2O5(%))
K-7	None	527900.00	6026025.00	0.00	feet	-45.00	170.00	908.00	0	6	85	3	4	4(SAMPLE, TiO2(%), Fe2O3(%), V2O5(%))
K-8	None	527850.00	6026310.00	0.00	feet	-45.00	170.00	917.06	0	3	57	4	4	4(SAMPLE, TiO2(%), Fe2O3(%), V2O5(%))
K-9	None	525980.00	6026775.00	0.00	feet	-45.00	350.00	938.00	0	0	55	3	4	4(SAMPLE, TiO2(%), Fe2O3(%), V2O5(%))
K-10	None	542900.00	6025475.00	0.00	feet	-45.00	325.00	944.00	0	2	67	4	4	4(SAMPLE, TiO2(%), Fe2O3(%), V2O5(%))

Total Holes: 10 Total depth: 7736.00 Total assays: 524

1995/11/14

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT Kiskitto

Selected Intervals

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width		TiO2(%)	Fe2O3(%)	V2O5(%)
K-2	ALL	76.50	705.00	628.50	45.0	444.42	1704	3.28	20.63	0.16
	1	86.50	152.00	65.50	45.0	46.32	9048	3.80	23.13	0.18
	2	227.00	347.00	120.00	45.0	84.85	5644	3.39	21.68	0.17
	3	460.00	516.80	56.80	45.0	40.16	853	3.94	23.35	0.18
	4	547.00	701.00	154.00	45.0	108.89	800	3.84	23.50	0.19
K-3	1	189.10	417.00	227.90	45.0	161.15	686	3.87	20.34	0.14
	2	275.30	301.90	26.60	45.0	18.81	685	5.40	31.31	0.23
	3	338.30	417.00	78.70	45.0	55.65	695	5.74	24.17	0.15
	4	338.30	433.00	94.70	45.0	66.96	695	5.54	23.24	0.14
K-5	1	462.20	606.50	144.30	45.0	102.04	1023	3.84	18.48	0.10
K-6	1	220.00	388.00	160.00	45.0	113.14	1060	4.72	18.63	0.11
	2	897.00	1227.00	330.00	45.0	233.35	1114	3.70	15.72	0.07
K-7	all	58.00	908.00	850.00	45.0	601.04	1173	2.03	15.12	0.09
	1	438.00	538.00	100.00	45.0	70.71	1173	2.46	18.25	0.11
	2	648.00	908.00	260.00	45.0	183.85	1202	2.94	16.03	0.09
K-8	1	182.60	208.00	25.40	45.0	17.96	1223	2.96	18.61	0.10
	3	182.60	428.00	245.40	45.0	173.52	1234	1.89	15.58	0.09
	2	308.00	378.00	70.00	45.0	49.50	1238	2.28	18.77	0.13
	3	658.00	698.00	40.00	45.0	28.28	1259	3.04	16.55	0.08
K-9	1	408.00	758.00	350.00	45.0	247.49	1310	2.16	16.35	0.08
	1a	428.00	528.00	100.00	45.0	70.71	1299	2.37	18.32	0.11
	1b	608.00	738.00	130.00	45.0	91.92	1319	2.47	16.39	0.06
K-10	1	48.00	118.00	70.00	45.0	49.50	1334	3.71	17.61	0.10
	2	308.00	348.00	40.00	45.0	28.28	1352	3.52	17.05	0.09
	3	368.00	428.00	60.00	45.0	42.43	1359	3.70	19.88	0.11
	4	448.00	478.00	30.00	45.0	21.21	1366	3.73	19.17	0.10

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT Kiskitto

$TiO_2 > 5\%$; No gaps below 5% grade

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width		TiO2(%)	Fe2O3(%)	V2O5(%)
K-2	1	297.00	300.00	3.00	----	-----	726	5.73	33.80	0.28
	2	329.00	339.00	10.00	----	-----	1352	5.30	32.30	0.26
	3	437.00	447.00	10.00	----	-----	739	5.08	29.40	0.23
	4	472.00	477.00	5.00	----	-----	744	5.52	31.50	0.25
	5	661.00	671.00	10.00	----	-----	669	5.12	31.30	0.27
	6	691.00	701.00	10.00	----	-----	672	6.09	35.40	0.32
K-3	1	287.00	301.90	14.90	----	-----	685	6.01	34.30	0.26
	2	338.30	417.00	78.70	----	-----	695	5.74	24.17	0.15
	3	425.00	433.00	8.00	----	-----	700	6.56	25.00	0.15
K-6	1	258.00	278.00	20.00	----	-----	1056	5.11	19.15	0.11
	2	318.00	348.00	30.00	----	-----	1063	5.27	20.63	0.12
	3	368.00	378.00	10.00	----	-----	1067	5.80	20.40	0.11
	4	1128.00	1138.00	10.00	----	-----	1121	5.41	18.30	0.09
	5	1208.00	1227.00	19.00	----	-----	1129	5.29	20.51	0.13
K-10	1	539.80	548.00	8.20	----	-----	1373	5.23	26.40	0.15

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT Kiskitto
TiO_2 > 4%; No gaps below 4% grade

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width		TiO2(%)	Fe2O3(%)	V2O5(%)
K-2	1	86.50	92.50	6.00	----	-----	9044	4.53	26.10	0.23
	2	96.50	106.50	10.00	----	-----	9046	4.05	24.00	0.19
	3	116.50	125.00	8.50	----	-----	9048	4.52	26.30	0.21
	4	128.00	148.00	20.00	----	-----	9050	4.02	24.30	0.19
	5	297.00	300.00	3.00	----	-----	726	5.73	33.80	0.28
	6	322.00	339.00	17.00	----	-----	1096	4.84	28.39	0.24
	7	357.00	367.00	10.00	----	-----	733	4.03	23.40	0.19
	8	407.00	417.00	10.00	----	-----	1355	4.80	28.90	0.22
	9	437.00	447.00	10.00	----	-----	739	5.08	29.40	0.23
	10	460.00	462.00	2.00	----	-----	742	4.16	24.40	0.19
	11	472.00	497.00	25.00	----	-----	989	4.92	28.52	0.22
	12	547.00	577.00	30.00	----	-----	891	4.16	23.97	0.19
	13	586.00	597.00	11.00	----	-----	661	4.18	26.30	0.21
	14	607.00	617.00	10.00	----	-----	1358	4.77	27.70	0.23
	15	661.00	671.00	10.00	----	-----	669	5.12	31.30	0.27
	16	681.00	701.00	20.00	----	-----	671	5.13	30.55	0.27
K-3	1	275.30	301.90	26.60	----	-----	685	5.40	31.31	0.23
	2	338.30	417.00	78.70	----	-----	695	5.74	24.17	0.15
	3	425.00	433.00	8.00	----	-----	700	6.56	25.00	0.15
K-5	1	462.20	488.00	25.80	----	-----	1017	4.35	20.55	0.12
	2	508.00	528.00	20.00	----	-----	1021	4.18	18.05	0.09
	3	548.00	568.00	20.00	----	-----	1025	4.09	20.15	0.12
	4	578.00	588.00	10.00	----	-----	1028	4.15	21.00	0.13
	5	598.00	606.50	8.50	----	-----	1030	4.55	20.70	0.10

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT Kiskitto

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	SAMPLE	TiO2(%)	Fe2O3(%)	V2O5(%)
	6	615.70	621.00	5.30	----	-----	1032	4.26	18.90	0.08
K-6	1	228.00	248.00	20.00	----	-----	1053	4.38	18.40	0.11
	2	258.00	388.00	130.00	----	-----	1062	4.85	18.80	0.11
	3	968.00	978.00	10.00	----	-----	1105	4.44	16.40	0.07
	4	1038.00	1058.00	20.00	----	-----	1112	4.32	16.10	0.07
	5	1128.00	1138.00	10.00	----	-----	1121	5.41	18.30	0.09
	6	1168.00	1198.00	30.00	----	-----	1126	4.19	16.87	0.09
	7	1208.00	1227.00	19.00	----	-----	1129	5.29	20.92	0.13
K-10	1	88.00	108.00	20.00	----	-----	1335	4.06	17.70	0.10
	2	378.00	398.00	20.00	----	-----	1358	4.28	20.70	0.10
	3	498.00	508.00	10.00	----	-----	1370	4.40	19.80	0.11
	4	539.80	548.00	8.20	----	-----	1373	5.29	26.40	0.15
	5	588.00	596.50	8.50	----	-----	1376	4.21	23.70	0.14
	6	631.10	638.00	6.90	----	-----	1377	4.33	19.40	0.11

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT Kiskitto

TiO_2 > 4%: with upto 50 foot gaps below 4%

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width		TiO2(%)	Fe2O3(%)	V2O5(%)
K-2	1	86.50	92.50	6.00	----	-----	9044	4.53	28.10	0.23
	2	96.50	106.50	10.00	----	-----	9046	4.05	24.00	0.19
	3	116.50	125.00	8.50	----	-----	9048	4.52	26.30	0.21
	4	128.00	148.00	20.00	----	-----	9050	4.02	24.30	0.19
	5	297.00	300.00	3.00	----	-----	726	5.73	33.80	0.28
	6	322.00	339.00	17.00	----	-----	1096	4.84	28.39	0.24
	7	357.00	367.00	10.00	----	-----	733	4.03	22.40	0.19
	8	407.00	497.00	90.00	----	-----	877	4.18	25.25	0.19
	9	547.00	577.00	30.00	----	-----	891	4.16	23.97	0.19
	10	586.00	617.00	31.00	----	-----	886	4.08	24.56	0.20
	11	661.00	701.00	40.00	----	-----	670	4.46	27.63	0.24
K-3	1	275.30	433.00	157.70	----	-----	632	4.63	21.80	0.14
K-5	1	462.20	528.00	65.80	----	-----	1019	4.05	18.51	0.10
	2	548.00	568.00	20.00	----	-----	1025	4.09	20.15	0.12
	3	578.00	588.00	10.00	----	-----	1028	4.15	21.00	0.13
	4	598.00	606.50	8.50	----	-----	1030	4.55	20.70	0.10
	5	615.70	621.00	5.30	----	-----	1032	4.26	18.90	0.08
K-6	1	228.00	388.00	160.00	----	-----	1060	4.72	18.63	0.11
	2	968.00	978.00	10.00	----	-----	1105	4.44	16.40	0.07
	3	1038.00	1058.00	20.00	----	-----	1112	4.32	16.10	0.07
	4	1128.00	1227.00	99.00	----	-----	1125	4.22	16.91	0.09
K-10	1	88.00	108.00	20.00	----	-----	1335	4.06	17.70	0.10
	2	378.00	398.00	20.00	----	-----	1358	4.23	20.25	0.10
	3	498.00	508.00	10.00	----	-----	1370	4.46	19.80	0.11

** BORSURV **

SUMMARY OF AVERAGED ASSAY INTERVALS AT Kiskitto

Hole No.	Zone	From	To	Drilled Width	Core Angle	True Width	SAMPLE	TiO2(%)	Fe2O3(%)	V2O5(%)
	4	539.80	548.00	8.20	----	-----	1373	5.23	26.40	0.15
	5	588.00	596.50	8.50	----	-----	1376	4.21	23.70	0.14
	6	631.10	638.00	6.90	----	-----	1377	4.33	19.40	0.11

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-1
Collar Eastings: 543410.00
Collar Northings: 6025900.00
Collar Elevation: 0.00
Grid: Recon
UTM COORDINATES APPROXIMATE

Collar Inclination: -45.00
Grid Bearing: 325.00
Final Depth: 410.00 feet
Drilled by:Rodren Drilling Limited

Logged by: J. Campbell
Date: Jan., 1995
Down-hole Survey:
Core size:BQ

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	10.0	(CASING)
10.0	410.0	LEUCOGABBRO-MAGNETITE BEARING (4M) medium grained, foliated at 45 to CA, 10.0 - 73.0 slightly magnetic 73.0 - 75.6 aplite, medium grained granite 219.0 - 224.0 pink to salmon conformable dike 238.0 - 248.0 same 73.0 - 238.0 darker phase, 5-10% magnetite and biotite 2% po, .5% py 248.0 - and down very minor magnetite, becoming coarser, foliation at 45 to CA 410.0 - (E.O.H.)

SAMPLE No.	FROM	TO	ASSAYS WIDTH	Fe2O3(%)	TiO2(%)	V2O5(%)
712	37.00	47.00	10.00	11.90	1.94	0.05
713	77.00	87.00	10.00	15.10	2.32	0.06
714	127.00	137.00	10.00	14.40	2.62	0.05
715	147.00	157.00	10.00	14.00	2.40	0.05
716	197.00	207.00	10.00	17.20	2.95	0.11
717	207.00	217.00	10.00	16.40	2.75	0.11
718	227.00	237.00	10.00	13.70	2.09	0.05
719	267.00	277.00	10.00	14.00	2.07	0.05
720	287.00	297.00	10.00	13.40	1.88	0.06
721	302.00	316.00	14.00	13.40	2.05	0.06
722	337.00	347.00	10.00	12.40	1.73	0.05

HOLE No: K-1

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-2
Collar Eastings: 520220.00
Collar Northings: 6014675.00
Collar Elevation: 0.00
Grid: Recon
UTM COORDINATES APPROXIMATE

Collar Inclination: -45.00
Grid Bearing: 320.00
Final Depth: 727.00 feet
Drilled by:Rodren Drilling Limited

Logged by: J. Campbell
Date: Jan. 27-30, 1995
Down-hole Survey:
Core size:BQ

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	8.0	(CASING)
8.0	66.5	LEUCOGABBRO (4) medium to coarse grained, slightly magnetic
66.5	192.5	LEUCOGABBRO-MAGNETITE BEARING (4M) slightly darker, 10% magnetite, 6% ilmenite 125.0 - 126.0 lighter color, non magnetic 152.0 - 154.0 lighter color, non magnetic 164.0 - 165.0 lighter color, non magnetic 178.0 - 179.0 white, non magnetic 181.0 - 188.0 white, non magnetic MINERALIZED ZONE: 1 Core Angle: 45 True Width: 46.32
202.5	227.0	BASIC DIKE (10) fine grained, 10-15% magnetite and ilmenite, intrudes leucogabbro
227.0	312.0	LEUCOGABBRO-MAGNETITE BEARING (4M) 10-15% disseminated magnetite and ilmenite 251.0 - 252.0 grey and white banded, non magnetic 256.0 - 257.5 grey and white banded, non magnetic 300.0 - 302.0 grey and white banded, non magnetic 305.0 - 312.0 grey and white banded, non magnetic

SAMPLE No.	FROM	TO	ASSAYS WIDTH	Fe2O3(%)	TiO2(%)	V2O5(%)
9043	76.50	86.50	10.00	18.40	2.70	0.15
9044	86.50	92.50	6.00	28.10	4.53	0.23
9045	92.50	96.50	4.00	15.10	2.36	0.12
9046	96.50	106.50	10.00	24.00	4.05	0.19
9047	106.50	116.50	10.00	21.80	3.42	0.17
9048	116.50	125.00	8.50	26.30	4.52	0.21
9049	125.00	128.00	3.00	9.68	1.37	0.07
9050	128.00	138.00	10.00	24.90	4.03	0.20
9051	138.00	148.00	10.00	23.70	4.02	0.19
9052	148.00	152.00	4.00	22.40	3.59	0.18
	86.50	152.00	65.50	23.13	3.80	0.18
9053	152.00	153.50	1.50	7.42	1.02	0.04
9054	153.50	164.00	10.50	19.40	2.99	0.15
9055	164.00	174.00	10.00	20.70	3.34	0.16
9056	174.00	180.00	6.00	21.30	3.51	0.17
9057	180.00	188.00	8.00	3.37	0.30	0.02
9058	188.00	192.00	4.00	14.70	2.07	0.10
9059	192.00	202.00	10.00	14.40	1.51	0.10
9060	202.00	212.00	10.00	13.50	1.41	0.11
9061	212.00	222.00	10.00	13.80	1.38	0.10
9062	222.00	227.00	5.00	14.10	1.43	0.10
9063	227.00	237.00	10.00	21.80	3.42	0.17
9064	237.00	247.00	10.00	21.80	3.21	0.16
9065	247.00	257.00	10.00	18.10	2.85	0.14
9066	257.00	267.00	10.00	20.10	2.85	0.15
9067	267.00	277.00	10.00	21.70	3.09	0.17
9068	277.00	287.00	10.00	20.00	3.06	0.16
9069	287.00	297.00	10.00	25.00	3.69	0.19
726	297.00	300.00	3.00	33.00	5.73	0.28
727	300.00	303.00	3.00	9.72	1.24	0.07
728	303.00	305.00	2.00	18.50	2.85	0.15

HOLE No: K-2

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-2

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Fe2O3(%)	TiO2(%)	V2O5(%)
			729	305.00	312.00	7.00	8.13	0.98	0.06
312.0	709.0	LEUCOGABBRO-MAGNETITE BEARING (4M)	730	312.00	322.00	10.00	22.90	3.72	0.18
		10-15% magnetite and ilmenite	731	322.00	329.00	7.00	22.80	4.18	0.21
		grey and white bands, weakly magnetic at;	1352	329.00	339.00	10.00	32.30	5.30	0.20
		385.0 - 386.0	732	339.00	347.00	8.00	22.60	3.98	0.18
		389.0 - 390.5	1354	347.00	357.00	10.00	N.A.	N.A.	N.A.
		392.0 - 393.0 1-2% py	733	357.00	367.00	10.00	23.40	4.03	0.19
		396.0 - 396.5 1-2% py	734	367.00	377.00	10.00	21.20	3.58	0.17
		446.0 - 449.0 1-2% py	1351	377.00	387.00	10.00	17.30	2.49	0.13
		456.5 - 457.0 1-2% py	735	387.00	397.00	10.00	17.60	2.60	0.13
		460.0 - 463.0 1-2% py	736	397.00	407.00	10.00	20.90	3.33	0.17
		465.0 - 466.0 1-2% py	1355	407.00	417.00	10.00	28.90	4.80	0.22
		502.0 - 509.0 1-2% py	737	417.00	427.00	10.00	20.00	2.92	0.15
		516.0 - 518.0 1-2% py	738	427.00	437.00	10.00	21.90	3.60	0.17
		522.0 - 524.0 1-2% py	739	437.00	447.00	10.00	29.40	5.08	0.23
		524.0 - 526.5 weakly magnetic <2% magnetite	740	447.00	457.00	10.00	23.30	3.49	0.17
		526.5 - 533.5 8-10% magnetite	741	457.00	460.00	3.00	14.30	2.38	0.11
		533.0 - 534.0 grey pink aplite no magnetite	742	460.00	452.00	2.00	24.40	4.16	0.19
		534.0 - 537.0 8-10% magnetite	743	462.00	472.00	10.00	23.00	3.87	0.18
		537.0 - 544.0 grey pink aplite non magnetic	744	472.00	477.00	5.00	31.50	5.52	0.25
		544.0 - 581.0 10% magnetite	1356	477.00	487.00	10.00	27.80	4.70	0.21
		581.0 - 586.0 1% magnetite	745	487.00	497.00	10.00	28.00	4.75	0.21
		586.0 - 588.5 10% magnetite	746	497.00	502.00	5.00	7.94	1.11	0.06
		588.5 - 590.0 1-2% magnetite	747	502.00	510.00	8.00	19.20	3.15	0.15
		590.0 - 604.5 10% magnetite	748	510.00	516.80	6.80	20.40	3.42	0.16
		604.5 - 606.5 1% magnetite	749	516.80	518.00	1.20	13.40	1.48	0.11
		606.5 - 652.0 8-10% magnetite	750	518.00	522.00	4.00	18.20	2.89	0.14
		652.0 - 653.5 no magnetite	653	534.00	535.50	1.50	3.57	0.52	0.03
		654.0 - 655.0 no magnetite	654	535.50	537.00	1.50	23.90	3.92	0.18
		656.0 - 657.0 no magnetite	655	537.00	543.00	6.00	4.63	0.34	0.02
		MINERALIZED ZONE: 2 Core Angle: 45 True Width: 84.85		227.00	347.00	120.00	21.68	3.39	0.17
		MINERALIZED ZONE: 3 Core Angle: 45 True Width: 40.16		460.00	516.80	56.80	23.35	3.94	0.18
			656	543.00	547.00	4.00	20.90	3.75	0.18
		709.0 - (E.O.H.)	1357	547.00	557.00	10.00	23.30	4.08	0.18
			657	557.00	567.00	10.00	24.30	4.13	0.19
			658	567.00	577.00	10.00	24.30	4.28	0.19
			659	577.00	580.00	3.00	23.40	3.85	0.18
			660	580.00	586.00	6.00	5.90	0.90	0.05
			561	586.00	597.00	11.00	26.30	4.18	0.21
			662	597.00	605.00	8.00	23.10	3.73	0.19

HOLE No: K-2

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Xiskitto
HOLE No.: K-2

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Fe2O3(%)	TiO2(%)	V2O5(%)
			663	605.00	607.00	2.00	9.80	1.51	0.08
			1358	607.00	617.00	10.00	27.70	4.77	0.23
			664	617.00	627.00	10.00	22.30	3.44	0.18
			1359	627.00	637.00	10.00	19.50	3.06	0.15
			665	637.00	647.00	10.00	22.10	3.42	0.17
			666	647.00	653.00	6.00	19.70	3.07	0.16
			667	653.00	657.00	4.00	16.30	2.54	0.12
			668	657.00	661.00	4.00	23.90	3.97	0.20
			669	661.00	671.00	10.00	31.30	5.12	0.27
			670	671.00	681.00	10.00	18.20	2.47	0.14
			671	681.00	691.00	10.00	25.70	4.18	0.22
			672	691.00	701.00	10.00	35.40	6.09	0.32
		MINERALIZED ZONE: 4 Core Angle: 45 True Width: 108.89		547.00	701.00	154.00	23.50	3.84	0.19
			673	701.00	705.00	4.00	16.70	2.91	0.15
		MINERALIZED ZONE: ALL Core Angle: 45 True Width: 444.42		76.50	705.00	628.50	20.63	3.28	0.16

HOLE No: K-2

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-3
Collar Eastings: 535000.00
Collar Northings: 6024910.00
Collar Elevation: 0.00
Grid: Recon
UTM COORDINATES APPROXIMATE

Collar Inclination: -45.00
Grid Bearing: 325.00
Final Depth: 527.00 feet
Drilled by:Rodren Drilling Limited

Logged by: L.C. Chastko
Date: FEB., 1995
Down-hole Survey:
Core size:BQ

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Fe2O3(%)	TiO2(%)	V2O5(%)
0.0	54.0	(CASING)							
54.0	57.3	PEGMATITE (peg) pink, coarse grained, 40% assimilated leucogabbro, 10% coarse biotite and amph							
57.3	189.1	LEUCOGABBRO (4) plag-amph-bio-mag schist, schistose to crudely gneissic 60-70% plag, 30% amph and bio, 10% pegmatitic stringers medium to coarse grained, variable texture and grain size, highly recrystallized, minor, <5% disseminated oxides, weakly to moderately magnetic. variable foliation 25-45 to CA, generally 45 to CA							
189.1	267.1	LEUCOGABBRO-MAGNETITE BEARING (4M) mottled grey and dark greenish-brown, medium grained variable plag to mafic ratio in alternating bands down section, 5% pegmatite stringers, 5-15% disseminated oxides, variable along section, greater concentration in mafic rich sections general foliation at 40-45 to CA	674	189.10	197.00	7.90	18.20	2.68	0.14
			675	197.00	207.90	10.00	15.70	2.15	0.11
			676	207.00	217.00	10.00	15.60	2.14	0.11
			677	217.00	227.00	10.00	16.80	2.38	0.12
			678	227.00	237.00	10.00	18.80	3.00	0.16
			679	237.00	242.00	5.00	14.30	2.15	0.10
			680	242.00	247.00	5.00	19.30	2.90	0.14
			681	247.00	257.00	10.00	22.80	3.71	0.19
			682	257.00	267.10	10.10	22.80	3.65	0.18
267.1	275.3	ANORTHOSITE (3) medium grey, fine to medium grained, highly recrystallized, foliation at 40-45 to CA, uniform texture, minor disseminated oxides weakly magnetic	683	267.10	275.30	8.20	6.92	0.96	0.03
275.3	301.9	LEUCOGABBRO & MASSIVE OXIDES (4,6) 275.3 - 288.0 20-30% disseminated oxides banded with semi massive oxides 288.0 - 301.9 50% massive oxide bands alternating with leucogabbro with disseminated oxides, massive oxide vary up to 15 cm in width, strongly magnetic, banding and foliation at 40-45 to CA	684	275.30	287.00	11.70	27.50	4.63	0.20
			685	287.00	301.90	14.90	34.30	6.01	0.26
		MINERALIZED ZONE: 2 Core Angle: 45 True Width: 18.81		275.30	301.90	26.60	31.31	5.40	0.23

HOLE No: K-3

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-3

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	Fe2O3(%)	TiO2(%)	V2O5(%)
301.9	314.6	LEUCOGABBRO (4) similar to 57.3 - 189.1 crudely gneissic, minor disseminated oxides	686	301.90	307.00	5.10	9.66	1.62	0.05
			687	307.00	314.60	7.60	9.00	1.38	0.05
314.6	338.3	ANORTHOSITE-MAGNETITE BEARING (3M) medium grey, fine to medium grained, gneissic banding and foliation at 40 to CA, 5% disseminated oxides, magnetic	688	314.60	327.00	12.40	10.80	1.49	0.04
			689	327.00	332.00	5.00	11.10	1.52	0.04
			690	332.00	338.30	6.30	15.40	2.60	0.09
338.3	438.8	LEUCOGABBRO-MAGNETITE BEARING & MASSIVE OXIDES (3M,6) 70% magnetite bearing leucogabbro with 10-15% disseminated oxides, 20% massive oxide bands, overall 20-30% magnetite and ilmenite, crude gneissic banding, 438.6 - sharp termination of magnetite content	691	338.30	347.00	8.70	25.50	5.16	0.16
			692	347.00	357.00	10.00	24.10	5.29	0.15
			693	357.00	367.00	10.00	22.00	5.32	0.14
			694	367.00	377.00	10.00	23.60	5.67	0.14
			695	377.00	387.00	10.00	27.20	6.83	0.18
			696	387.00	397.00	10.00	25.70	6.44	0.18
			697	397.00	407.00	10.00	24.70	6.07	0.15
			698	407.00	417.00	10.00	20.70	5.04	0.12
		MINERALIZED ZONE: 1 Core Angle: 45 True Width: 161.15		189.10	417.00	227.90	20.34	3.87	0.14
			699	417.00	425.00	8.00	12.40	2.62	0.06
			700	425.00	433.00	8.00	25.00	6.56	0.15
		MINERALIZED ZONE: 4 Core Angle: 45 True Width: 66.96		338.30	433.00	94.70	23.24	5.54	0.14
			701	433.00	438.80	5.80	16.50	3.71	0.09
438.8	442.5	ANORTHOSITE (3) similar to before							
442.5	527.0	GABBRO (2) 50-60% plag, 40-45% amph and bio, medium grained uniform texture, gradual increase in mafics down section, non magnetic 506.5 - 510.0 coarse pegmatite	702	447.00	457.00	10.00	17.20	3.58	0.06
			703	497.00	506.50	9.50	15.70	2.85	0.06
		527.0 - (E.O.H.)							

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-4
Collar Eastings: 529520.00
Collar Northings: 6022110.00
Collar Elevation: 0.00
Grid: Recon
UTM COORDINATES APPROXIMATE

Collar Inclination: -45.00
Grid Bearing: 150.00
Final Depth: 410.00 feet
Drilled by: Rodren Drilling Limited

Logged by: L.C. Chastko
Date: Feb., 1995
Down-hole Survey:
Core size: BQ

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	Fe2O3(%)	TiO2(%)	V2O5(%)
0.0	67.0	(CASING)							
67.0	320.5	LEUCOGABBRO-MAGNETITE BEARING (4M) mottled grey and dark green, medium grained, relatively uniform texture, recrystallized, poorly foliated, minor 5-8%, uniform disseminated oxides, weakly to moderately magnetic 313.8 - 316.6 mafic dike, dark green, fine grained, weakly magnetic	704	97.00	107.00	10.00	14.00	2.61	0.07
			705	127.00	137.00	10.00	11.70	2.14	0.06
			706	157.00	167.00	10.00	13.40	2.59	0.07
			707	197.00	207.00	10.00	14.30	2.76	0.08
			708	237.00	247.00	10.00	12.90	1.98	0.08
			709	277.00	287.00	10.00	13.70	2.53	0.07
320.5	396.5	ANORTHOSITE (3) 10% mafics, light grey, gradational contacts, foliation at 60 to CA	710	357.00	367.00	10.00	13.10	2.47	0.07
396.5	410.0	LEUCOGABBRO-MAGNETITE BEARING (4M) similar to before. <8% disseminated oxides, poorly foliated at 50 to CA	711	387.00	397.00	10.00	14.00	2.61	0.07
		410.0 - (E.O.H.)							

HOLE No: K-4

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-5
Collar Eastings: 520230.00
Collar Northings: 6014810.00
Collar Elevation: 0.00
Grid: none
Approximate UTM coordinates

Collar Inclination: -45.00
Grid Bearing: 325.00
Final Depth: 708.00 feet
Drilled by: Kenora Soil & Drilling

Logged by: L.C. Chastko
Date: August 15-18, 1995
Down-hole Survey:
Core Size: BQ

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	10.0	CASING (Cas)
10.0	467.2	LEUCOGABBRO (LEUC 15-20) mottled grey and green, medium grained, 65-75% grey plagioclase, 15-20% irregular clotty aggregates of horneblende and biotite, weakly magnetic 1-5% disseminated magnetite andv ilmenite, poorly to moderately foliated at 50 to CA, overall relatively homogenous texture and composition, minor narrow zones more intensely sheared and foliated 62.6 - 62.7 mylonite fault zone at 60 to CA 74.5 - 75.8 inclusion on half core split lengthwise of 15-20% oxide bearing leucogabbro, distinctly more mafic than host rock 95.0 - and down, marginal increase in oxide content down section 244.8 - 245.0 3-4 cm white quartz vein at 45-50 to CA, conformable to foliation 355.0 - 410.0 mild to medium shearing and brecciation, gneissic to mylonitic sections, slight to moderate talc along fractures and slips, occassional concentrations of fine stringers of oxides 437.5 - 439.4 pink pegmatite dike, coarse grained general increase in grain size and decrease in mafics down section towards a sharp lower contact at 45 to CA
467.2	606.5	GABBRO - OXIDE BEARING (GAB 15-30) mottled dark green-black and grey, fine to medium grained, considerably finer than leucogabbro above, sharp distinctive upper contact at 45 to CA 30-40% grey plagioclase, 15-25% horneblende and biotite 15-30% disseminated medium grained magnetite and ilmenite with moderate variation of oxide content along section, moderately foliated at 45-50 to CA, relatively uniform texture and composition along section layered, original igneous textures preserved 508.6 - 538.9 distinctive slightly coarser grained sharp upper and lower contacts, occassional anorthosite

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	TiO2(%)	Fe2O3(%)	V2O5(%)
1001	18.00	28.00	10.00	0.92	9.92	0.05
1002	48.00	58.00	10.00	1.06	10.60	0.05
1003	78.00	88.00	10.00	0.97	9.95	0.05
1004	118.00	128.00	10.00	0.96	9.02	0.05
1005	148.00	158.00	10.00	0.99	9.70	0.05
1006	188.00	198.00	10.00	1.03	8.49	0.05
1007	218.00	228.00	10.00	0.92	7.85	0.04
1008	248.00	258.00	10.00	0.85	9.65	0.05
1009	278.00	288.00	10.00	0.92	3.16	0.05
1010	308.00	318.00	10.00	1.13	9.81	0.05
1011	338.00	348.00	10.00	1.10	9.28	0.05
1012	368.00	378.00	10.00	1.40	10.40	0.05
1013	398.00	408.00	10.00	1.32	9.81	0.05
1014	428.00	438.00	10.00	1.28	10.20	0.05
1015	453.00	462.20	9.20	1.23	9.41	0.05
1016	462.20	468.00	5.80	4.33	20.90	0.12
1017	468.00	478.00	10.00	4.68	21.60	0.13
1018	478.00	488.00	10.00	4.04	19.30	0.12
1019	488.00	498.00	10.00	3.81	19.20	0.11
1020	498.00	508.00	10.00	3.21	13.50	0.07
1021	508.00	518.00	10.00	4.04	17.10	0.09
1022	518.00	528.00	10.00	4.33	19.00	0.10
1023	528.00	538.00	10.00	3.58	17.50	0.09
1024	538.00	548.00	10.00	3.37	18.50	0.11
1025	548.00	558.00	10.00	4.15	21.20	0.13
1026	558.00	568.00	10.00	4.04	19.10	0.11
1027	568.00	578.00	10.00	2.77	16.20	0.09

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-5

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	TiO2(%)	Fe2O3(%)	V2O5(%)
		in narrow bands 538.9 - 557.2 35-45% pinkish granitic pegmatite sections with coarser grained gabbro 557.2 - 591.0 medium to coarse grained, layered poorly to moderately foliated sections grain size decrease down section back to original appearance before banded section 591.0 - 606.5 medium grianed gabbro with 15-20% disseminated oxides 597.6 - 597.9 coarse pegmatite 602.4 - 603.0 coarse pegmatite	1028	578.00	588.00	10.00	4.15	21.00	0.13
			1029	588.00	598.00	10.00	2.85	13.70	0.38
			1030	598.00	606.50	8.50	4.55	20.70	0.10
		MINERALIZED ZONE: 1 Core Angle: 45 True Width: 102.0%		462.20	606.50	144.30	3.84	18.48	0.10
606.5	615.8	PINK GRANITIC DIKE (GRAN) pinkish grey, medium grained, slightly magnetic, 5% fine disseminated oxides	1031	606.50	615.70	9.20	0.38	4.35	TRACE
615.8	660.7	GABBRO - OXIDE BEARING 15-20% (GAB 15-20) similar to before, 15-20% disseminated oxides 620.5 - 625.8 80% pegmatite and granite sections overall increasing gneissosity and recrystallization down section, sharp distinctive lower contact with definite gneiss 647.7 - 2-3 cm vuggy fracture filled with dog tooth spar and several small AMETHYST crystals	1032	615.70	621.00	5.30	4.25	18.90	0.08
			1033	621.00	626.10	5.10	0.98	7.53	0.02
			1034	626.10	638.00	11.90	2.92	15.70	0.04
			1035	638.00	648.00	10.00	2.59	14.50	0.04
			1036	648.00	660.70	12.70	2.95	15.70	0.05
660.7	708.0	GNEISS - PLAG-HORNEBLENDE-BIOTITE (GNEISS 5) variable down section, 5% disseminated oxides, weakly magnetic							
		708.0 - (E.O.H.)							

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-6
Collar Eastings: 534680.00
Collar Northings: 6024620.00
Collar Elevation: 0.00
Grid: none
UTM coordinates - Garmin GPS

Collar Inclination: -65.00
Grid Bearing: 325.00
Final Depth: 1227.00 feet
Drilled by: Kenora Soil and Drilling

Logged by: L.C. Chastko
Date: AAug. 27 - Sept. 3, 1995
Down-hole Survey:
Core size: BQ

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	3.0	CASING (Cas)
3.0	123.5	GABBRO-LEUCO GABBRO-ANORTHOSITE-OXIDE BEARING 10-15% (LEUC 10-15) interlayered, 60% gabbro, mottled, medium grained, foliated at 40-45 to CA, generally 5-8% oxides but variable down section; 20% bands anorthosite, grey, medium grained 10-15% oxides, generally more magnetic than gabbro, oxides are disseminated, good primary textures in gabbro
123.5	438.0	GABBRO-OXIDE BEARING (GAB 15-20) similar to above, marked increase in oxides to 15-25%, minor anorthosite bands 123.5 - 125.3 coarse anorthosite with coarse aggregates of magnetite comprising 15-20% of rock 387.0 - 438.0 gradual decline in oxide content down section gradational lower contact 427.5 - 431.0 coarse grained pink pegmatite

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	TiO2(%)	Fe2O3(%)	V2O5(%)
1037	18.00	28.00	10.00	1.51	10.70	0.06
1038	48.00	58.00	10.00	1.45	9.97	0.05
1039	88.00	98.00	10.00	0.97	6.53	0.05
1040	98.00	108.00	10.00	1.01	8.70	0.04
1041	108.00	118.00	10.00	1.02	8.86	0.04
1042	118.00	128.00	10.00	1.21	13.50	0.06
1043	128.00	138.00	10.00	2.07	15.10	0.10
1044	138.00	148.00	10.00	2.04	14.90	0.10
1045	148.00	158.00	10.00	2.38	16.30	0.11
1046	158.00	166.00	10.00	2.81	17.30	0.12
1047	168.00	178.00	10.00	3.06	18.50	0.13
1048	178.00	188.00	10.00	3.61	21.70	0.16
1049	188.00	198.00	10.00	3.11	20.20	0.13
1050	198.00	208.00	10.00	2.09	14.50	0.09
1051	208.00	218.00	10.00	1.90	12.70	0.07
1052	218.00	228.00	10.00	1.22	8.55	0.04
1053	228.00	238.00	10.00	4.32	18.40	0.12
1054	238.00	248.00	10.00	4.44	18.40	0.11
1055	248.00	258.00	10.00	3.78	15.80	0.09
1056	258.00	268.00	10.00	5.22	18.90	0.11
1057	268.00	278.00	10.00	5.01	19.40	0.12
1058	278.00	288.00	10.00	4.27	16.90	0.10
1059	288.00	298.00	10.00	4.52	19.10	0.12
1060	298.00	308.00	10.00	4.53	18.90	0.11
1061	308.00	318.00	10.00	4.47	18.30	0.11
1062	318.00	328.00	10.00	5.15	21.80	0.14
1063	328.00	338.00	10.00	5.39	20.80	0.12
1064	338.00	348.00	10.00	5.27	19.30	0.10
1065	348.00	358.00	10.00	4.06	16.00	0.08
1066	358.00	368.00	10.00	4.75	17.90	0.10
1067	368.00	378.00	10.00	5.80	20.40	0.11
1068	378.00	388.00	10.00	4.56	17.80	0.09
	228.00	388.00	160.00	4.72	18.63	0.11

MINERALIZED ZONE: 1 Core Angle: 45 True Width: 113.14

HOLE No: K-6

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-6

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	TiO2(%)	Fe2O3(%)	V2O5(%)
			1069	388.00	398.00	10.00	2.63	11.90	0.05
			1070	398.00	408.00	10.00	2.74	12.70	0.05
			1071	408.00	418.00	10.00	3.20	14.10	0.05
			1072	418.00	428.00	10.00	1.65	9.83	0.04
			1073	428.00	438.00	10.00	1.90	13.90	0.03
438.0	517.0	LEUCO GABBRO-ANORTHOSITE-OXIDE BEARING (LEUC 5-15) gradational from gabbro above to leuco gabbro, light grey, medium grained, mottled, foliated at 40-45 to CA 5-15% disseminated oxides, variable along section 483.0 - 517.0 anorthosite with minor quartz	1074	438.00	448.00	10.00	2.78	16.70	0.04
			1075	448.00	458.00	10.00	2.30	18.30	0.04
			1076	458.00	468.00	10.00	2.58	18.80	0.04
			1077	468.00	478.00	10.00	2.70	18.70	0.05
			1078	478.00	488.00	10.00	1.72	13.80	0.03
			1079	488.00	498.00	10.00	0.68	9.17	0.02
			1080	498.00	508.00	10.00	2.09	16.80	0.03
517.0	897.0	LEUCO GABBRO & ANORTHOSITE GNEISS (LEUC <5) light buffish, medium grained, well foliated to gneissic banded at 40-45 to CA, 5% quartz, 5% dark amphibole and magnetite rich bands and occassional garnetiferrous bands usually moderately to strongly magnetic, garnets are well sheared with vague crystal outlines 595.0 and down section, magnetite content decreases with <5% oxides generally concentrated in narrow bands 800.0 - and down section, oxide content gradually increases to 5-10% overall oxides 800.0 - foliation gradually flattens to 30-35 and back to 40-45 by 900.0 sharp lower contact at 40 to CA	1081	508.00	518.00	10.00	2.12	17.70	0.03
			1082	518.00	528.00	10.00	1.96	17.20	0.02
			1083	528.00	538.00	10.00	1.31	22.40	0.01
			1084	538.00	548.00	10.00	0.38	7.04	0.01
			1085	548.00	558.00	10.00	1.33	10.50	0.02
			1086	568.00	578.00	10.00	0.61	10.20	0.01
			1087	588.00	598.00	10.00	0.96	18.50	0.01
			1088	618.00	628.00	10.00	0.32	4.95	0.01
			1089	648.00	658.00	10.00	0.29	2.94	0.01
			1090	678.00	688.00	10.00	0.34	2.96	0.01
			1091	708.00	718.00	10.00	0.22	1.97	0.01
			1092	738.00	748.00	10.00	0.52	7.38	0.01
			1093	768.00	778.00	10.00	0.34	4.78	0.01
			1094	798.00	808.00	10.00	0.45	5.90	0.01
			1095	828.00	838.00	10.00	0.66	7.78	0.01
			1096	858.00	868.00	10.00	0.54	6.00	0.02
			1097	888.00	897.00	9.00	0.51	3.74	0.02
897.0	1227.0	GABBRO-OXIDE BEARING (GAB 10-15%) mottled grey and dark green, medium grained with gradation to leuco gabbro sections, layered moderately to well foliated at 40-45 to CA, 10-15% disseminated oxides, variable and increasing down section, similar to oxide bearing gabbro before 1025.0 - and down, occassional hairline slips in section filled with massive magnetite, occassional narrow <10 cm pegmate section 1200.0 and down increase in gneissic sections NOTE:gneissic sections in hole generally have marked	1098	897.00	908.00	11.00	3.05	17.70	0.05
			1099	908.00	918.00	10.00	3.05	16.00	0.06
			1100	918.00	928.00	10.00	2.89	17.40	0.06
			1101	928.00	938.00	10.00	3.17	14.80	0.06
			1102	938.00	948.00	10.00	2.65	13.20	0.05
			1103	948.00	958.00	10.00	3.00	14.00	0.06
			1104	958.00	968.00	10.00	3.27	14.20	0.06
			1105	968.00	978.00	10.00	4.44	16.40	0.07
			1106	978.00	988.00	10.00	3.32	14.40	0.06
			1107	988.00	998.00	10.00	3.42	14.80	0.06
			1108	998.00	1008.00	10.00	3.76	15.10	0.07

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-6

FROM	TO	LITHOLOGICAL DESCRIPTION
		quartz content mafic minerals noted consist of hornblende, variable biotite, pale green and tan pyroxenes 1227.0 - (E.O.H.)

ASSAYS						
SAMPLE No.	FROM	TO	WIDTH	TiO2(%)	Fe2O3(%)	V2O5(%)
1109	1008.00	1018.00	10.00	3.77	15.60	0.07
1110	1018.00	1028.00	10.00	3.33	14.40	0.06
1111	1028.00	1038.00	10.00	3.69	16.10	0.07
1112	1038.00	1048.00	10.00	4.30	16.40	0.08
1113	1048.00	1058.00	10.00	4.34	15.80	0.07
1114	1058.00	1068.00	10.00	3.93	16.10	0.07
1115	1068.00	1078.00	10.00	3.40	14.60	0.07
1116	1078.00	1088.00	10.00	3.20	14.30	0.07
1117	1088.00	1098.00	10.00	3.50	15.10	0.07
1118	1098.00	1108.00	10.00	3.61	15.00	0.07
1119	1108.00	1118.00	10.00	3.40	13.70	0.07
1120	1118.00	1128.00	10.00	3.51	14.40	0.07
1121	1128.00	1138.00	10.00	5.41	18.30	0.09
1122	1138.00	1148.00	10.00	3.55	13.70	0.06
1123	1148.00	1158.00	10.00	3.43	14.70	0.07
1124	1158.00	1168.00	10.00	3.79	16.50	0.08
1125	1168.00	1178.00	10.00	4.40	17.40	0.09
1126	1178.00	1188.00	10.00	4.08	16.40	0.08
1127	1188.00	1198.00	10.00	4.08	16.80	0.09
1128	1198.00	1208.00	10.00	3.02	14.60	0.08
1129	1208.00	1218.00	10.00	5.35	21.50	0.13
1130	1218.00	1227.00	9.00	5.23	19.40	0.12
	897.00	1227.00	330.00	3.70	15.72	0.07

MINERALIZED ZONE: 2 Core Angle: 45 True Width: 233.35

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kishitto
HOLE No.: K-7
Collar Eastings: 527900.00
Collar Northings: 6026025.00
Collar Elevation: 0.00
Grid: none
UTM Coordinates - Garmin GPS system

Collar Inclination: -45.00
Grid Bearing: 170.00
Final Depth: 908.00 feet
Drilled by: Kenora Soil and Drilling
CUT LINE 00, 600 M SOUTH

Logged by: L.C. Chastko
Date: Sept. 5-9, 1995
Down-hole Survey:
Core size: BQ

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	ASSAYS FROM	TO	WIDTH	TiO2(%)	Fe2O3(%)	V2O5(%)
0.0	45.0	CASING (Cas)							
45.0	153.2	LEUCOGABBRO-OXIDE BEARING (LEUC 5-10%) layered, variable texture from largely medium grained to minor layers of medium to coarse grained, coarse grained layers tend to have less mafics generally blotchy mottled grey and green-black, medium grained, variable foliation from poor to well foliated at 40-45 to CA, approximately 70% plagioclase, 10-15% mafics consisting of amphibole, biotite and pyroxene frequent pale brownish pyroxene generally 5-10% interstitial disseminated oxides usually associated with mafic minerals, moderately magnetic but variable oxide content along section minor but relatively cosistent fine quartz intergrowths with plag, overall only traces of py usually as fine film on fractures, occassional speck cpy, minor fracturing in rock with occassional minor slips crystal outlines tend to be indistinct and blotchy generally, coarser sections have more distinct crystal boundaries 75.0 - 107.0 plag rich layer with 5% oxides 07.0 - 153.2 5-15% disseminated oxides	1131 1132 1133 1134 1135 1136 1137 1138 1139	58.00 68.00 78.00 88.00 98.00 107.00 118.00 128.00 138.00	68.00 78.00 88.00 98.00 107.00 118.00 128.00 138.00 148.00	10.00 10.00 10.00 10.00 9.00 11.00 10.00 10.00 10.00	2.27 2.07 1.94 1.53 1.34 2.46 1.41 1.62 2.44	16.90 16.20 15.10 11.90 10.90 19.00 13.50 14.20 17.80	0.08 0.10 0.09 0.07 0.06 0.12 0.08 0.07 0.09
153.2	156.2	LEUCOGABBRO DIKE-OXIDE BEARING (LEUC 5-10%) medium green-grey, medium fine grained, massive, uniform moderately magnetic, 5-10% fine disseminated oxides uniform along section, distinct contacts							
156.2	159.0	LEUCO GABBRO-OXIDE BEARING (LEUC 5-15%) similar to before	1140	148.00	158.00	10.00	1.72	14.40	0.07
159.0	197.5	LEUCO GABBRO DIKE-OXIDE BEARING (LEUC 5-10%) similar to section before	1141 1142 1143	158.00 168.00 178.00	168.00 178.00 188.00	10.00 10.00 10.00	1.73 1.81 1.71	12.40 12.60 12.30	0.05 0.05 0.05
197.5	908.0	LEUCO GABBRO-OXIDE BEARING (LEUC 10-20%) layered, similar to section before, variable	1144 1145	188.00 198.00	198.00 208.00	10.00 10.00	1.73 1.92	12.50 14.60	0.05 0.07

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-7

FROM	TO	LITHOLOGICAL DESCRIPTION
		disseminated oxide content down section
		212.5 - 224.0 plag rich, coarse grained with
		1-2 cm diameter crystals, magnetite poor
		315.0 - 360.0 coarse grained, magnetite poor
		348.0 - traces py cpy
		415.0 - 437.0 plag rich, magnetite poor layer
		503.0 - 503.5 3-5 cm massive po with minor cpy
		core slightly ground, minor po py &cpy extends
		in disseminated form on either side of massive
		553.0 - 615.0 drop off in oxides to 5-10% also
		less mafics
		615.0 and down increase in mafics and oxides to
		10-15%
		654.1 - 654.7 mafic dike, dark green, fine grained
		sharp contacts
		908.0 - (E.O.H.)

SAMPLE No.	FROM	TO	WIDTH	ASSAYS TiO2(%)	Fe2O3(%)	V2O5(%)
1146	208.00	218.00	10.00	1.24	13.10	0.06
1147	218.00	228.00	10.00	0.49	9.75	0.05
1148	228.00	238.00	10.00	1.74	11.60	0.06
1149	238.00	248.00	10.00	2.30	15.50	0.09
1150	248.00	258.00	10.00	2.24	16.90	0.11
1151	258.00	268.00	10.00	1.90	15.60	0.11
1152	268.00	278.00	10.00	1.84	16.20	0.11
1153	278.00	288.00	10.00	2.17	17.20	0.12
1154	288.00	298.00	10.00	2.66	17.60	0.11
1155	298.00	308.00	10.00	2.34	17.80	0.12
1156	308.00	318.00	10.00	1.71	13.50	0.09
1157	318.00	328.00	10.00	1.31	11.70	0.06
1158	328.00	338.00	10.00	1.51	12.60	0.08
1159	338.00	348.00	10.00	1.67	16.60	0.10
1160	348.00	358.00	10.00	2.00	14.50	0.07
1161	358.00	368.00	10.00	2.37	16.00	0.09
1162	368.00	378.00	10.00	1.77	14.70	0.09
1163	378.00	388.00	10.00	1.98	16.80	0.10
1164	388.00	398.00	10.00	2.51	15.90	0.10
1165	398.00	408.00	10.00	2.52	18.40	0.11
1166	408.00	418.00	10.00	2.44	15.20	0.09
1167	418.00	428.00	10.00	1.72	9.44	0.05
1168	428.00	438.00	10.00	1.98	11.10	0.06
1169	438.00	448.00	10.00	2.37	18.30	0.11
1170	448.00	458.00	10.00	2.54	17.70	0.11
1171	458.00	468.00	10.00	1.85	15.40	0.09
1172	468.00	478.00	10.00	1.99	16.80	0.11
1173	478.00	488.00	10.00	2.58	19.80	0.13
1174	488.00	498.00	10.00	2.50	19.00	0.13
1175	498.00	508.00	10.00	2.96	19.70	0.12
1176	508.00	518.00	10.00	3.13	17.50	0.08
1177	518.00	528.00	10.00	2.51	20.10	0.12
1178	528.00	538.00	10.00	2.13	18.20	0.12
MINERALIZED ZONE: 1 Core Angle: 45 True Width: 70.71	438.00	538.00	100.00	2.46	18.25	0.11
1179	538.00	548.00	10.00	1.85	16.10	0.10
1180	548.00	558.00	10.00	1.84	16.50	0.10
1181	558.00	568.00	10.00	0.83	9.28	0.05
1182	568.00	578.00	10.00	0.73	9.54	0.06
1183	578.00	588.00	10.00	1.05	11.30	0.07
1184	588.00	598.00	10.00	1.44	13.30	0.08
1185	598.00	608.00	10.00	1.30	10.80	0.06
1186	608.00	618.00	10.00	1.39	9.00	0.05
1187	618.00	628.00	10.00	1.27	12.60	0.08

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-7

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS TiO2(%)	Fe2O3(%)	V2O5(%)
			1188	628.00	638.00	10.00	1.37	12.30	0.07
			1189	638.00	648.00	10.00	1.85	14.10	0.08
			1190	648.00	658.00	10.00	2.14	16.20	0.09
			1191	658.00	668.00	10.00	2.79	19.80	0.12
			1192	668.00	678.00	10.00	2.56	18.50	0.11
			1193	678.00	688.00	10.00	1.82	15.40	0.10
			1194	688.00	698.00	10.00	1.91	16.30	0.10
			1195	698.00	708.00	10.00	1.98	15.90	0.09
			1196	708.00	718.00	10.00	2.23	16.50	0.10
			1197	718.00	728.00	10.00	1.63	12.40	0.07
			1198	728.00	738.00	10.00	2.37	17.60	0.10
			1199	738.00	748.00	10.00	2.23	15.60	0.09
			1200	748.00	758.00	10.00	3.26	17.50	0.09
			1201	758.00	768.00	10.00	2.55	14.30	0.08
			1202	768.00	778.00	10.00	2.28	13.80	0.07
			1203	778.00	788.00	10.00	2.08	14.10	0.07
			1204	788.00	798.00	10.00	2.21	16.60	0.09
			1205	798.00	808.00	10.00	2.31	17.00	0.10
			1206	808.00	818.00	10.00	2.46	18.00	0.10
			1207	818.00	828.00	10.00	2.25	15.50	0.09
			1208	828.00	838.00	10.00	2.48	17.10	0.10
			1209	838.00	848.00	10.00	2.61	14.70	0.08
			1210	848.00	858.00	10.00	2.53	14.60	0.08
			1211	858.00	868.00	10.00	2.33	15.70	0.09
			1212	868.00	878.00	10.00	2.57	17.00	0.09
			1213	878.00	888.00	10.00	2.38	15.00	0.08
			1214	888.00	898.00	10.00	2.49	15.70	0.08
			1215	898.00	908.00	10.00	2.42	15.50	0.08
MINERALIZED ZONE: all Core Angle: 45 True Width: 601.04				58.00	908.00	850.00	2.03	15.12	0.09

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-8
Collar Eastings: 527850.00
Collar Northings: 6025310.00
Collar Elevation: 0.00
Grid: none
UTM coordinates - Garmin GPS System

Collar Inclination: -45.00
Grid Bearing: 170.00
Final Depth: 917.00 feet
Driller by:Kenora Soil and Drilling
CUT LINE 00, 315 M SOUTH

Logged by: L.C. Chastko
Date: Sept. 10-14, 1995
Down-hole Survey:
Core size:BQ

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	22.0	CASING (Cas)
22.0	182.6	LEUCOGABBRO-OXIDE BEARING (LEUC 5%) layered and banded, 85% light grey medium-fine grained, well foliated at 40 to CA, 10% mafic minerals, mainly horneblende, biotite and pale brownish pyroxene generally <5% disseminated oxides, weakly magnetic 15% more mafic rich bands generally few cms but up to 10s of cm thickness, mafic bands are enriched in disseminated oxides, 10-20%, and are moderately magnetic generally minor quartz laths and grains within feldspars occassional minor garnetiferrous sections overall rock has blotchy appearance and generally poor indistinct crystal boundaries 110.0 - 141.0 10-15% sheared, ghost like crystals of garnets occuring in bands, moderately magnetic 141.0 - 182.6 massive medium grained anortosite, uniform texture and composition, sharp distinct lower contact at 35-40 to CA
182.6	917.0	LEUCOGABBRO-OXIDE BEARING (LEUC 10-20%) mottled grey and dark green, blotchy, medium to coarse grained, 15-20% mafics, 60% plagioclase, well foliated at 35-40 to CA, 15-20% disseminated oxides but variable down section grain size and texture varies along section-layered, rock is moderately magnetic and variable along section 223.0 - gradation to finer grained, relatively uniform textured rock, with a decrease in oxides 245.0 - 260.0 somewhat blocky 287.1 - 287.6 mafic dike, fine grained, sharp contacts at 40 to CA 432.0 -663.0 decrease in mafic content accompanied by a marked decrease in oxides 574.0 - 575.3 several mafic rich stringers with minor PO & CPY 583.0 - 586.5 mafic rich irregular intergrowth at a low angle to core with massive intergrowth of PO & CPY

ASSAYS

SAMPLE No.	FROM	TO	WIDTH	TiO2(%)	Fe2O3(%)	V2O5(%)
1216	28.00	38.00	10.00	0.37	3.67	0.02
1217	68.00	78.00	10.00	0.99	7.53	0.03
1218	98.00	108.00	10.00	0.62	6.29	0.02
1219	108.00	118.00	10.00	1.69	14.76	0.02
1220	128.00	138.00	10.00	0.43	4.79	0.01
1221	158.00	168.00	10.00	1.00	11.40	TRACE
1222	182.60	188.00	5.40	3.45	17.90	0.08
1223	188.00	198.00	10.00	2.85	17.50	0.10
1224	198.00	208.00	10.00	2.81	20.10	0.12
1225	208.00	218.00	10.00	1.75	15.30	0.09
1226	218.00	228.00	10.00	1.46	11.80	0.06
1227	228.00	238.00	10.00	1.12	11.00	0.05
1228	238.00	248.00	10.00	1.31	12.00	0.06
1229	248.00	258.00	10.00	1.26	10.20	0.05
1230	258.00	268.00	10.00	1.93	16.80	0.11
1231	268.00	278.00	10.00	1.55	13.90	0.09
1232	278.00	288.00	10.00	1.33	13.20	0.07
1233	288.00	298.00	10.00	1.75	15.40	0.09
1234	298.00	308.00	10.00	1.60	15.90	0.10
1235	308.00	318.00	10.00	2.49	20.70	0.15
1236	318.00	328.00	10.00	2.14	19.20	0.14
1237	328.00	338.00	10.00	2.12	17.40	0.13
1238	338.00	348.00	10.00	2.50	20.40	0.14
1239	348.00	358.00	10.00	2.20	18.50	0.13

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-8

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	TiO2(%)	Fe2O3(%)	V2O5(%)
						ASSAYS			
		not a fracture	1240	358.00	368.00	10.00	2.27	17.60	0.10
		624.7 - 627.0 several 2-3 cm thick mafic rich stringers	1241	368.00	378.00	10.00	2.23	17.60	0.09
		with minor PO & CPY	1242	378.00	388.00	10.00	1.50	14.10	0.08
		663.0 - and down coarser grained, sharp upper contact,	1243	388.00	398.00	10.00	1.25	12.40	0.07
		sharp increase in oxides to 10-15%, relative uniform	1244	398.00	408.00	10.00	1.56	12.50	0.08
		texture and oxide content down section	1245	408.00	418.00	10.00	1.68	14.20	0.08
		MINERALIZED ZONE: 1 Core Angle: 45 True Width: 17.96		182.60	203.00	25.40	2.96	18.61	0.10
		MINERALIZED ZONE: 2 Core Angle: 45 True Width: 49.50		308.00	378.00	70.00	2.28	18.77	0.13
			1246	418.00	428.00	10.00	1.84	15.00	0.08
		917.0 - (E.O.H.)	1247	438.00	448.00	10.00	1.58	10.10	0.04
		MINERALIZED ZONE: 3 Core Angle: 45 True Width: 173.52		182.60	428.00	245.40	1.89	15.58	0.09
			1248	458.00	468.00	10.00	0.93	6.66	0.02
			1249	478.00	488.00	10.00	1.00	6.55	0.03
			1250	498.00	508.00	10.00	2.69	16.10	0.07
			1251	518.00	528.00	10.00	1.24	8.12	0.03
			1252	538.00	548.00	10.00	0.77	7.74	0.03
			1253	568.00	578.00	10.00	1.65	15.30	0.09
			1254	578.00	588.00	10.00	1.09	15.10	0.06
			1255	598.00	608.00	10.00	0.61	8.52	0.04
			1256	618.00	628.00	10.00	1.23	12.10	0.05
			1257	638.00	648.00	10.00	1.65	12.00	0.05
			1258	658.00	668.00	10.00	3.22	15.10	0.07
			1259	668.00	678.00	10.00	3.57	18.60	0.10
			1260	678.00	688.00	10.00	2.49	15.80	0.08
			1261	688.00	698.00	10.00	2.90	16.70	0.09
		MINERALIZED ZONE: 3 Core Angle: 45 True Width: 28.28		658.00	698.00	40.00	3.04	16.55	0.08
			1262	708.00	718.00	10.00	2.79	14.50	0.07
			1263	728.00	738.00	10.00	2.27	16.60	0.09
			1264	748.00	758.00	10.00	1.66	12.80	0.06
			1265	768.00	778.00	10.00	1.67	12.40	0.06
			1266	788.00	798.00	10.00	2.11	12.20	0.05
			1267	808.00	818.00	10.00	2.51	13.70	0.06
			1268	828.00	838.00	10.00	2.37	13.00	0.05
			1269	848.00	858.00	10.00	2.52	13.70	0.05
			1270	868.00	878.00	10.00	2.35	12.90	0.05
			1271	888.00	898.00	10.00	2.49	13.10	0.05
			1272	908.00	917.00	9.00	2.83	17.90	0.09

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-9
Collar Eastings: 529980.00
Collar Northings: 6026775.00
Collar Elevation: 0.00
Grid: none
UTM coordinates - Garmin GPS system

Collar Inclination: -45.00
Grid Bearing: 350.00
Final Depth: 938.00 feet 738
Drilled by:Kenora Soil and Drilling
CUT LINE 4300, 475 M SOUTH

Logged by: L.C. Chastko
Date: Sept. 18-21, 1995
Down-hole Survey:
Core size:BQ

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	46.)	CASING (cas)
46.0	270.0	LEUCOGABBRO-OXIDE BEARING <5% (LEUCO <5%) mottled light grey and dark green, pale brown amphibole pyroxene and biotite, medium grained, moderately to well foliated at 45 to CA minor, 1-4% disseminatedoxides, weakly magnetic occassional specks PY,Po,CPY, minor to moderate tight fractures 160.0 - 270.0 highly recrystallized, welded appearance, minor quartz, mafics leached and pale, minor oxides, increasing down section, trace to sections with minor PY,PO,CPY, 2-5 mm labradorite exhibit beautiful labradoresence
270.0	428.0	LEUCOGABBRO-OXIDE BEARING 5-15% (LEUCO 5-15%) similar to above, more definitive crystal outlines, less quartz, 5-15% disseminated oxides, moderately magnetic, traces PY,PO,CPY, generally fine grained and coarsens down section, distinctive lower contact with finer grained leucogabbro with distinct increase in oxides
428.0	738.0	LEUCOGABBRO-OXIDE BEARING 10-20% (LEUCO 10-20%) layered, cyclic change in grain size, 10-20% disseminated oxides, variable along section occassional traces PY,PO,CPY 535.0 - decrease in oxides down section 665.0 - coarser grained, increased oxides, grain size decreasing down section 749.0 - 752.0 segregated feldspar and mafics with 2-5% massive PO minor CPY in irregular stringers associated with mafic rich bands overall traces PY,PO,CPY

MINERALIZED ZONE: 1a Core Angle: 45 True Width: 70.71

SAMPLE No.	FROM	TO	ASSAYS WIDTH	TiO2(%)	Fe2O3(%)	V2O5(%)
1273	68.00	78.00	10.00	0.61	6.95	0.04
1274	98.00	108.00	10.00	0.63	7.45	0.04
1275	158.00	168.00	10.00	1.13	9.57	0.05
1276	168.00	178.00	10.00	1.15	10.80	0.07
1277	178.00	188.00	10.00	1.09	9.56	0.06
1278	188.00	198.00	10.00	1.62	13.00	0.09
1279	198.00	208.00	10.00	1.34	10.30	0.08
1280	208.00	218.00	10.00	1.34	10.10	0.08
1281	218.00	228.00	10.00	0.89	6.24	0.04
1282	228.00	238.00	10.00	0.92	8.85	0.06
1283	238.00	248.00	10.00	1.09	9.28	0.06
1284	248.00	258.00	10.00	1.35	12.10	0.08
1285	258.00	268.00	10.00	1.23	10.50	0.07
1286	268.00	278.00	10.00	1.38	10.90	0.07
1287	278.00	288.00	10.00	1.21	10.60	0.07
1288	298.00	308.00	10.00	1.35	10.50	0.07
1289	318.00	328.00	10.00	1.10	9.26	0.05
1290	348.00	358.00	10.00	1.21	12.20	0.05
1291	368.00	378.00	10.00	1.42	14.00	0.08
1292	388.00	398.00	10.00	1.64	15.30	0.08
1293	408.00	418.00	10.00	1.66	15.10	0.08
1294	418.00	428.00	10.00	1.66	14.70	0.08
1295	428.00	438.00	10.00	2.23	17.40	0.11
1296	438.00	448.00	10.00	2.37	18.40	0.12
1297	448.00	458.00	10.00	2.26	18.20	0.11
1298	458.00	468.00	10.00	2.56	19.00	0.12
1299	468.00	478.00	10.00	2.39	18.10	0.11
1300	478.00	488.00	10.00	2.41	18.40	0.11
1301	488.00	498.00	10.00	2.75	21.10	0.13
1302	498.00	508.00	10.00	2.48	19.10	0.12
1303	508.00	518.00	10.00	2.13	16.70	0.10
1304	518.00	528.00	10.00	2.10	16.80	0.09
1305	528.00	538.00	10.00	1.79	15.00	0.08
	428.00	528.00	100.00	2.37	18.32	0.11
1306	538.00	548.00	10.00	1.68	13.90	0.08

HOLE No: K-9

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-9

FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	ASSAYS TiO2(%)	Fe2O3(%)	V2O5(%)
		738.0 - (E.O.H.)	1307	548.00	558.00	10.00	1.68	11.20	0.07
			1308	558.00	568.00	10.00	1.70	13.70	0.07
			1309	568.00	578.00	10.00	1.75	14.70	0.08
			1310	578.00	588.00	10.00	2.08	15.70	0.09
			1311	588.00	598.00	10.00	1.73	14.00	0.07
			1312	598.00	608.00	10.00	1.98	15.50	0.08
			1313	608.00	618.00	10.00	2.24	16.50	0.09
			1314	618.00	628.00	10.00	2.38	17.10	0.09
			1315	628.00	638.00	10.00	2.07	14.80	0.07
			1316	638.00	648.00	10.00	2.27	12.90	0.06
			1317	648.00	658.00	10.00	2.07	12.80	0.06
			1318	658.00	668.00	10.00	1.70	12.00	0.07
			1319	668.00	678.00	10.00	2.30	16.10	0.07
			1320	678.00	688.00	10.00	3.10	19.30	0.04
			1321	688.00	698.00	10.00	2.78	19.00	0.03
			1322	698.00	708.00	10.00	2.85	18.30	0.04
			1323	708.00	718.00	10.00	2.97	18.20	0.05
			1324	718.00	728.00	10.00	3.02	18.00	0.06
			1325	720.00	738.00	10.00	2.39	18.10	0.09
		MINERALIZED ZONE: 1b Core Angle: 45 True Width: 91.92		608.00	738.00	130.00	2.47	15.39	0.06

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-10
Collar Eastings: 542900.00
Collar Northings: 6025475.00
Collar Elevation: 0.00
Grid: none
UTM coordinates - Garmin GPS system

Collar Inclination. -45.00
Grid Bearing: 325.00
Final Depth: 9[illegible].00 feet
Drilled by:Kenora Soil and Drilling
CUT LINE 00, 50 M SOUTH

Logged by: L.C. Chastko
Date: Sept. 25-Oct.2, 1995
Down-hole Survey:
Core size:BQ

FROM	TO	LITHOLOGICAL DESCRIPTION
0.0	18.0	CASING (Cas)
18.0	214.0	GABBRO-OXIDE BEARING 15-20% (GAB 15-20%) mottled dark green and grey, medium grained, layered with minor, 15%, leucogabbro sections varying from 10's of cms to 2 meters core length, 15-20% disseminated oxides varying down section with heavier concentrations in more mafic sections, occassional narrow feldspar rich or pegmatite injection, generally several cms thickness, overall foliation at 45-50 to CA, mildly moderately magnetic gneissic appearance in sections mafics consist of green hornebiende and minor biotite biotite is generally concentrated in narrow bands especially adjacent to injections 39.5 - 50.0 leucogabbro band 120.0 - 164.0 40% leucogabbro bands 162.5 - 164.0 pink pegmatite dike 180.4 - 181.3 mafic dike, dark green, fine grained, massive, sharp conformable contacts at 45-50 to CA 184.5 - 184.7 mafic dike, as above 208.0 - 214.0 pinkish granite gneiss MINERALIZED ZONE: 1 Core Angle: 45 True Width: 49.50
214.0	305.3	LEUCOGABBRO <5% OXIDES (LEUCO <5%) mottled light grey and dark green, well foliated at 45-50 to CA, sreaky mafic clots of amphibole and minor biotite, medium grained but coarser than gabbro above and below, relatively uniform appearance, minor disseminated oxides weakly magnetic
305.3	535.8	GABBRO-OXIDE BEARING 10-15% (GAB 10-15%) similar to gabbro above, 5-10% plag rich pegmatite injections, weak gneissic appearance 403.0 - 403.3 white quartz stringer 437.0 - 450.0 60% crushed pink pegmatite and granite with minor gabbro sections

SAMPLE No.	FROM	TO	WIDTH	TiO2(%)	Fe2O3(%)	V2O5(%)
1328	18.00	28.00	10.00	2.02	13.40	0.09
1329	28.00	38.00	10.00	2.31	15.30	0.10
1330	38.00	48.00	10.00	1.36	10.40	0.06
1331	48.00	58.00	10.00	3.45	16.70	0.09
1332	58.00	68.00	10.00	3.36	16.50	0.09
1333	68.00	78.00	10.00	3.40	17.60	0.10
1334	78.00	88.00	10.00	3.91	19.30	0.11
1335	88.00	98.00	10.00	4.05	17.90	0.10
1336	98.00	108.00	10.00	4.08	17.50	0.10
1337	108.00	118.00	10.00	3.70	17.80	0.10
1338	118.00	128.00	10.00	2.04	14.30	0.06
1339	128.00	138.00	10.00	2.47	16.40	0.09
1340	138.00	148.00	10.00	1.77	13.00	0.07
1341	148.00	158.00	10.00	1.66	12.40	0.08
1342	158.00	168.00	10.00	2.48	17.10	0.11
1343	168.00	178.00	10.00	2.07	15.10	0.10
1344	178.00	188.00	10.00	1.96	15.60	0.10
1345	188.00	198.00	10.00	2.39	18.10	0.12
1346	198.00	208.00	10.00	2.63	19.70	0.14
	48.00	118.00	70.00	3.71	17.61	0.10
1347	203.00	218.00	10.00	1.24	10.50	0.06
1348	218.00	228.00	10.00	1.38	14.20	0.08
1349	248.00	258.00	10.00	0.97	10.10	0.05
1350	278.00	288.00	10.00	1.00	9.08	0.04
1351	308.00	318.00	10.00	3.87	18.00	0.10
1352	318.00	328.00	10.00	3.26	16.20	0.09
1353	328.00	338.00	10.00	3.02	15.80	0.09
1354	338.00	348.00	10.00	3.92	18.20	0.10
1355	348.00	358.00	10.00	1.91	13.00	0.07
1356	358.00	368.00	10.00	1.28	10.70	0.05

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

PROPERTY: Kiskitto
HOLE No.: K-10

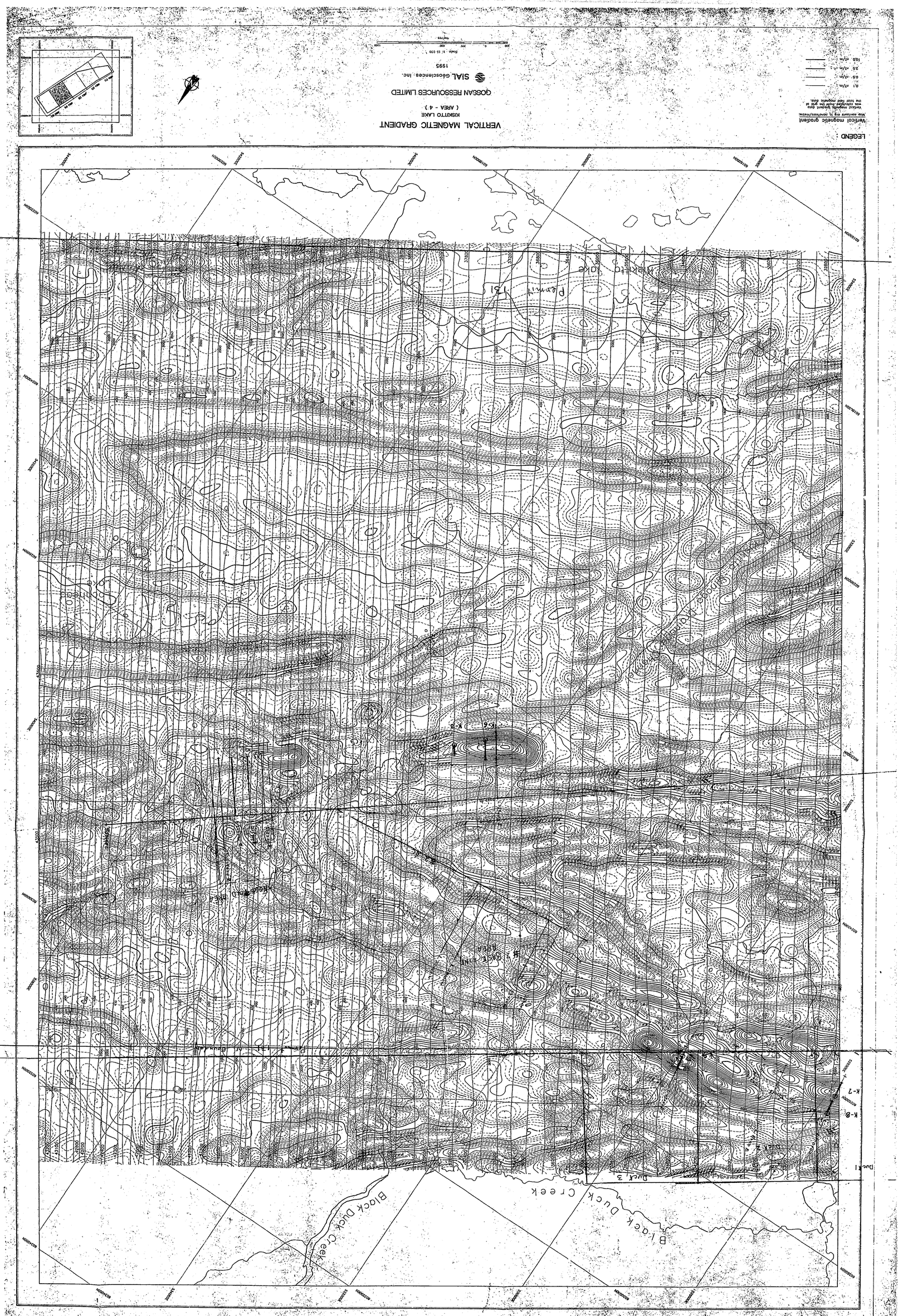
FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH	TiO2(%)	Fe2O3(%)	V2O5(%)
						ASSAYS			
		a number of pegmatite dike within gabbro are generally	1357	368.00	378.00	10.00	3.79	17.20	0.09
		conformable, gabbro adjacent to dikes is often enriched	1358	378.00	388.00	10.00	4.27	20.20	0.10
		in oxides over narrow widths	1359	388.00	398.00	10.00	4.29	20.30	0.11
		471.0 - 472.2 pink pegmatite	1360	398.00	408.00	10.00	3.49	17.10	0.09
		477.9 - 478.3 pink pegmatite	1361	408.00	418.00	10.00	3.11	21.20	0.13
		479.8 - 487.4 pink pegmatite, 10% gabbro stringers	1362	418.00	428.00	10.00	3.23	23.30	0.15
		492.5 - 493.2 pegmatite stringer	1363	428.00	438.00	10.00	2.44	18.30	0.11
		493.2 - 498.0 30% pegmatite stringers	1364	438.00	448.00	10.00	2.13	11.90	0.06
		MINERALIZED ZONE: 2 Core Angle: 45 True Width: 28.28		308.00	348.00	40.00	3.52	17.05	0.09
		MINERALIZED ZONE: 3 Core Angle: 45 True Width: 42.43		368.00	428.00	60.00	3.70	19.88	0.11
			1365	448.00	458.00	10.00	3.34	17.30	0.09
			1366	458.00	468.00	10.00	3.95	20.50	0.11
			1367	468.00	478.00	10.00	3.90	19.70	0.10
		MINERALIZED ZONE: 4 Core Angle: 45 True Width: 21.21		448.00	478.00	30.00	3.73	19.17	0.10
			1368	478.00	488.00	10.00	1.40	8.38	0.04
			1369	488.00	498.00	10.00	3.16	16.50	0.08
			1370	498.00	508.00	10.00	4.46	19.80	0.11
			1371	508.00	518.00	10.00	3.95	18.80	0.10
			1372	528.00	535.80	7.80	3.97	20.50	0.11
535.8	539.3	MOLSON DIKE (MOL) medium grey, fine to medium grained, fresh, uniform, sharp contacts							
539.3	596.5	GABBRO-OXIDE BEARING 10-15% (GAB 10-15%) similar to above, a number of concordant pegmatite stringers of varying thicknesses generally cms thickness 567.0 - 568.5 pegmatite dike 571.7 - 572.3 pegmatite dike 572.3 - 596.5 10-15% pegmatite stringers	1373	539.80	548.00	8.20	5.23	26.40	0.15
			1374	558.00	568.00	10.00	1.92	13.40	0.04
			1375	578.00	588.00	10.00	2.75	17.80	0.10
			1376	588.00	596.50	8.50	4.21	23.70	0.14
596.5	631.1	GRANITE GNEISS & PEGMATITE (GRANITE) 50% tonalite gneiss, 30% coarse pegmatite, 20% altered gabbro, rock is brecciated and crushed, concentrations of oxides at contacts							
631.1	696.6	GABBRO-OXIDE BEARING 10-15% (GAB 10-15%) similar to above, few minor pegmatite stringers near top of section and decreasing in frequency down section 639.0 - 641.3 pegmatite	1377	631.10	638.00	6.90	4.33	19.40	0.11
			1378	658.00	668.00	10.00	3.06	19.30	0.11

GOSSAN RESOURCES LIMITED

DIAMOND DRILL LOG

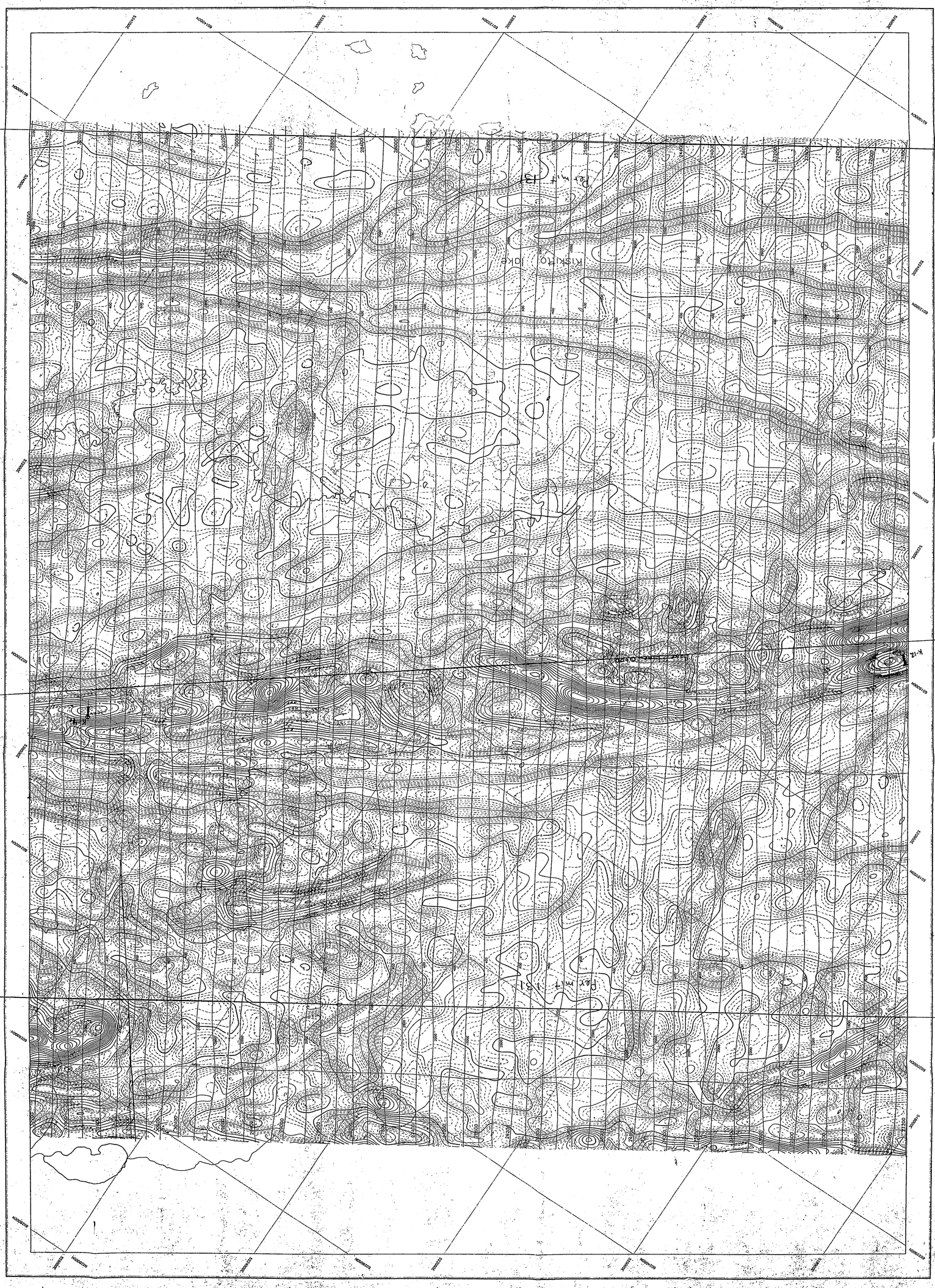
PROPERTY: Kiskitto
HOLE No.: K-10

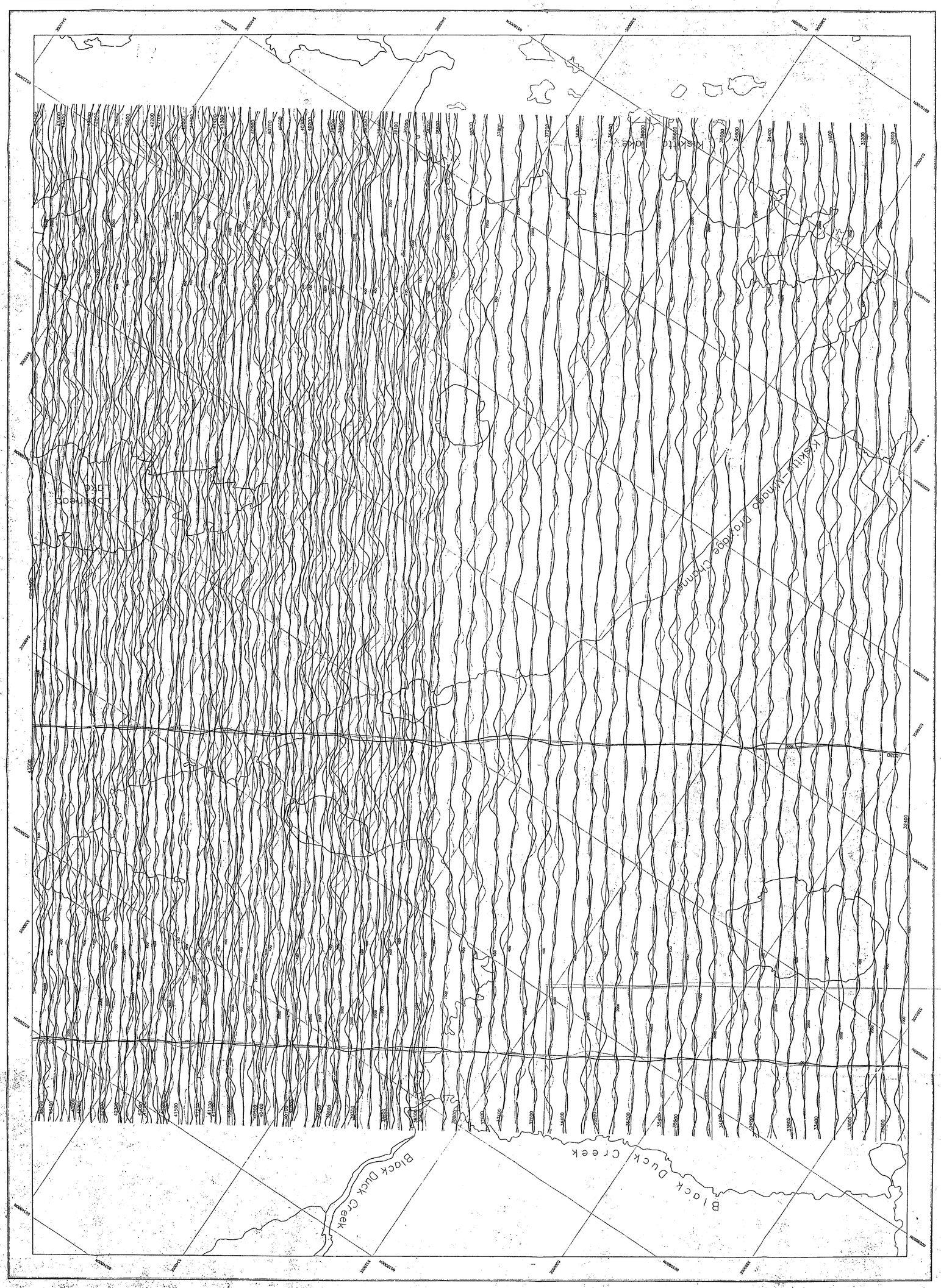
FROM	TO	LITHOLOGICAL DESCRIPTION	SAMPLE No.	FROM	TO	ASSAYS WIDTH	TiO2(%)	Fe2O3(%)	V2O5(%)
		651.2 - 652.3 pegmatite 693.3 - 694.1 pegmatite							
696.6	715.0	PEGMATITE-GANITE GNEISS (GNEISS) pink, medium grained with pegmatite sections, gneissic banding at 50 to CA, conformable sharp contacts							
715.0	768.6	GABBRO-OXIDE BEARING 10-15% (GAB 10-15%) similar to before, layered, 10-15% pegmatite stringers	1379	715.00	728.00	13.00	3.49	19.30	0.11
			1380	738.00	748.00	10.00	2.93	16.60	0.09
			1381	758.00	768.00	10.00	2.31	16.30	0.09
768.6	869.3	GABBRO-OXIDE BEARING 15-25% (GAB 15-25%) coarser grained than above, layered, variable grain size and composition down section, noticeable increase in oxides and magnetism increasing down section, good igneous textures, fine to coarse crystals, crystal aggregates and streaks of oxides 857.8 - 865.2 pegmatite, 20% gabbro stringers 868.6 - 869.3 fine grained gabbro dike, late, uniform, massive, moderately magnetic, sharp contacts	1382	768.00	778.00	10.00	2.38	18.00	0.10
			1383	788.00	798.00	10.00	2.51	18.00	0.10
			1384	808.00	818.00	10.00	3.95	24.50	0.13
			1385	818.00	828.00	10.00	3.27	21.00	0.13
			1386	828.00	838.00	10.00	3.29	22.00	0.14
			1387	838.00	848.00	10.00	3.35	21.50	0.13
			1388	848.00	858.00	10.00	3.23	20.90	0.12
			1389	858.00	869.30	11.30	1.81	13.00	0.06
869.3	964.0	GABBRO-OXIDE BEARING (GAB 10-15%) variable texture and composition as above, layered, minor pegmatite dike 908.0 - increasing oxides down section 910.2 - 911.5 pink pegmatite 915.1 - 915.8 granite gneiss 915.8 - 918.2 coarse gabbro 918.2 - 926.5 pegmatitic granite 926.5 - 938.0 gabbro, 10% pegmatite 938.0 - 964.0 60-70% pegmatite, 30% gabbro stringers 964.0 - (E.O.H.)	1390	869.30	881.70	12.40	2.17	15.60	0.08
			1391	881.70	888.00	6.30	3.47	21.10	0.12
			1392	888.00	898.00	10.00	3.06	18.30	0.10
			1393	898.00	908.00	10.00	3.56	21.50	0.13
			1394	908.00	915.10	7.10	3.04	21.40	0.13


VERTICAL MAGNETIC GRADIENT
KISKITTO LAKE
(AREA - 4)
GOSSAN RESSOURCES LIMITED
SIAL Geosciences Inc.
1995
Scale: 1/ 15 000
Metres
LEGEND :
Vertical magnetic gradient
Vertical magnetic gradient data
Map contours are in nanoteslas/metre.
Vertical magnetic gradient data
was compiled from the 0.5 m
the total field magnetic data.
0.1 nT/m
0.5 nT/m
2.5 nT/m
10.0 nT/m
Block Duck Creek
Block Duck Creek
Duck 3
Duck 1
K-8
K-7
K-6
K-5
Moose Lake
Kiskitto Lake
Point 131

73005

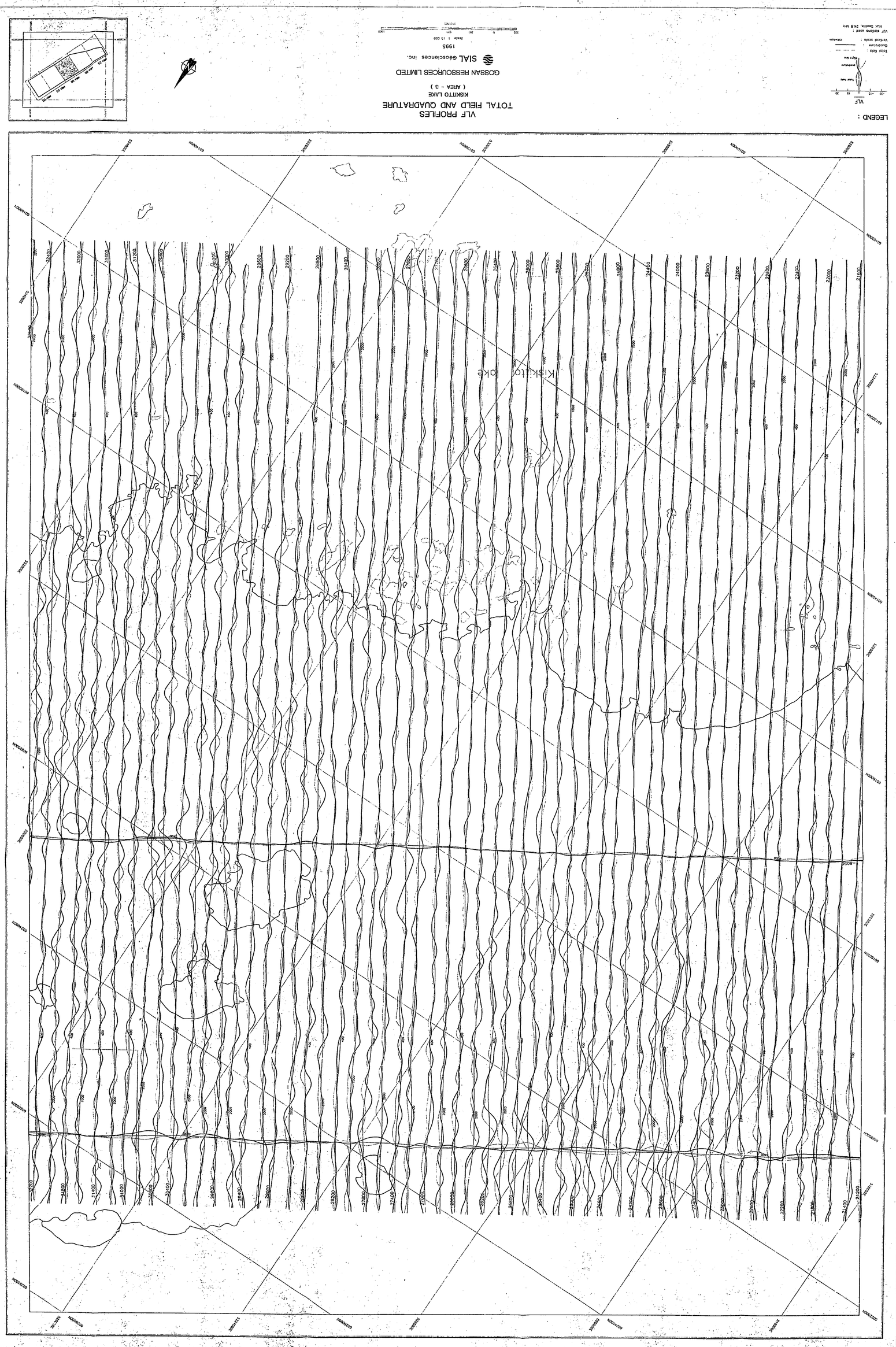
30X


LEGEND :
Vertical magnetic gradient
Map contours are in nanoteslas/metre.
Vertical magnetic gradient data was calculated from the grid of the total field magnetic data.
0.1 nT/m :
0.5 nT/m :
2.5 nT/m :
10.0 nT/m :
VERTICAL MAGNETIC GRADIENT
KISKITO LAKE
(AREA - 3)
GOSSAN RESSOURCES LIMITED
SIAL Géosciences Inc.
1995
Scale 1: 15 000
Metres
Kiskito Lake
Per Ex 1 131
Per Ex 1 131
K-12
K-13
K-14
K-15
K-16
K-17
K-18
K-19
K-20
K-21
K-22
K-23
K-24
K-25
K-26
K-27
K-28
K-29
K-30
K-31
K-32
K-33
K-34
K-35
K-36
K-37
K-38
K-39
K-40
K-41
K-42
K-43
K-44
K-45
K-46
K-47
K-48
K-49
K-50
K-51


VLF PROFILES
TOTAL FIELD AND QUADRATURE
KISKITTO LAKE
(AREA - 4)
GOSSAN RESSOURCES LIMITED
SIAL Geosciences Inc.
1995
Scale : 1:5000
Metres
LEGEND :
VLF
-30 -15 15 30
True Base
Underway
Flight line
Total field :
Quadrature :
Vertical scale : 50m=1cm
VLF solutions used :
NLK Seattle, 24.8 kHz
Kiskitto Lake
Kiskitto Lynogo Drainage Channel
Black Duck Creek
Black Duck Creek

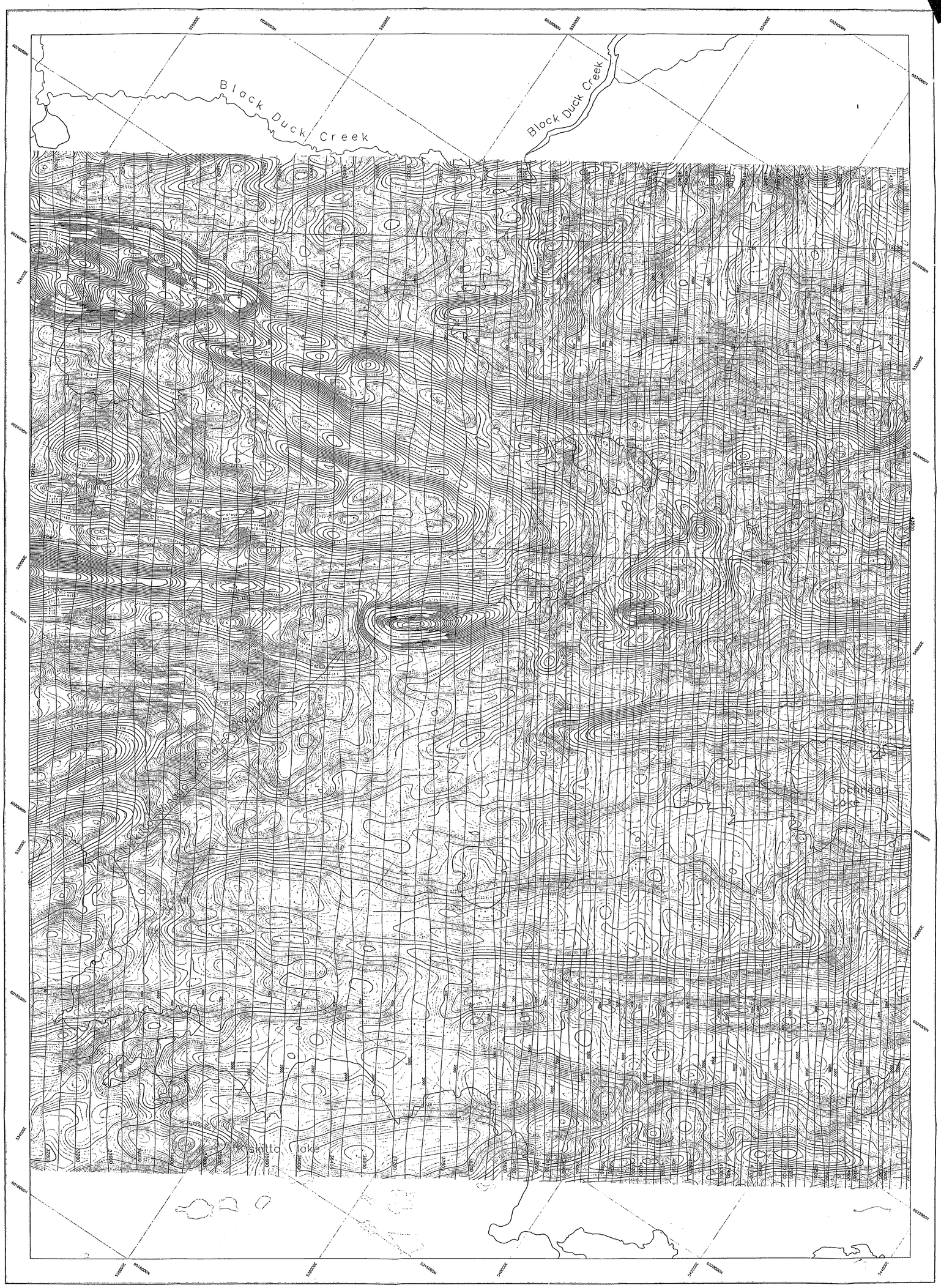
73005

3OX


VLF PROFILES
TOTAL FIELD AND QUADRATURE
KISKITTO LAKE
(AREA - 3)
GOSSAN RESSOURCES LIMITED
SIAL Géosciences Inc.
1995
Scale 1 : 15 000
METRES
LEGEND :
VLF
Total field
Quadrature
Vertical scale :
VLF Station used :
NLK Seattle, 24.8 kHz
Kiskitto Lake

73005

30X



LEGEND :

Total magnetic field

Map contours are in nanoTesla:

10 nT :

50 nT :

250 nT :

1000 nT :

TOTAL MAGNETIC FIELD

KISKITTO LAKE

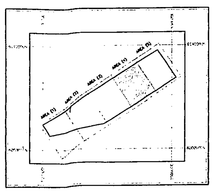
(AREA - 4)

GOSSAN RESSOURCES LIMITED

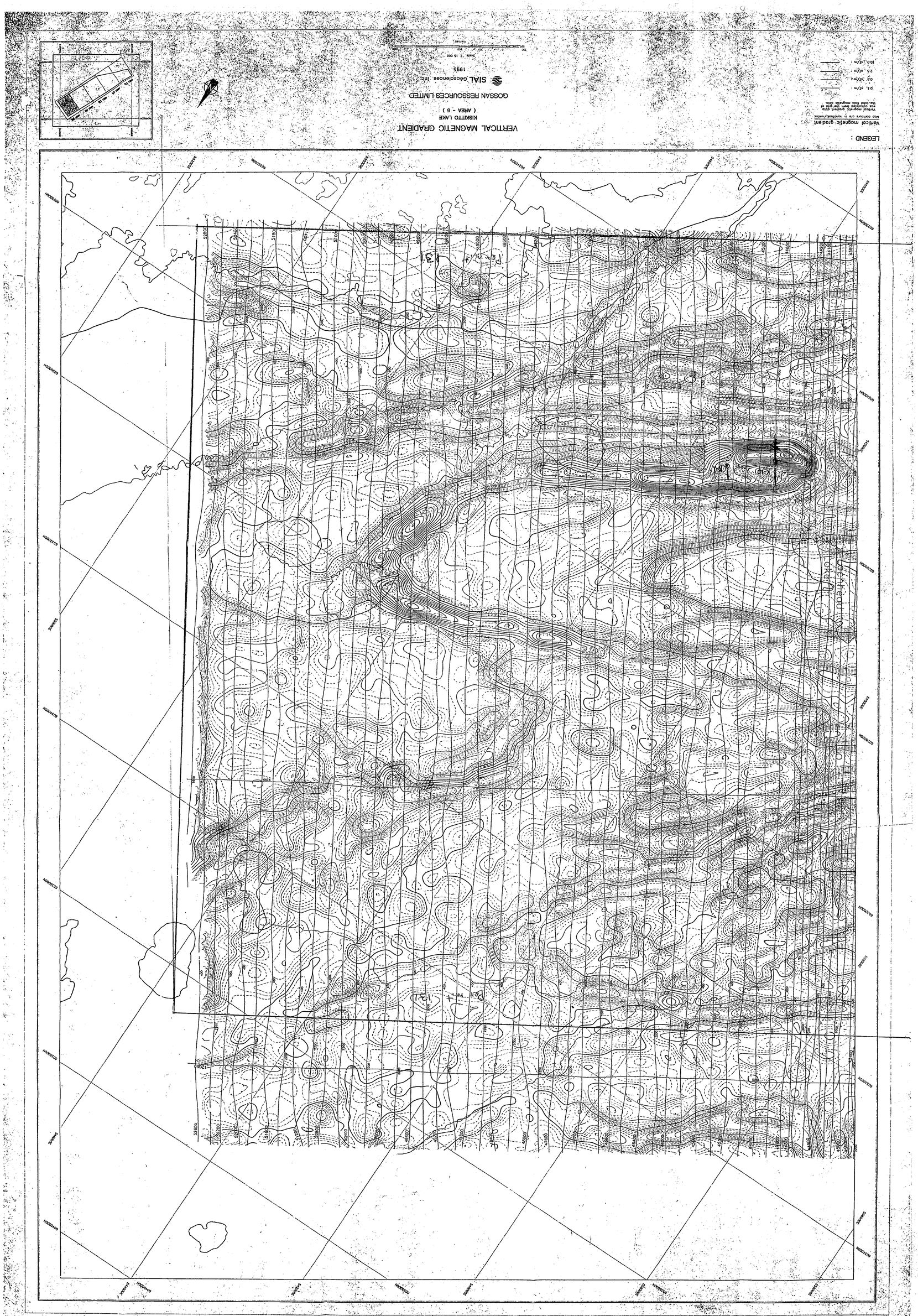
SIAL Géosciences Inc.

1995

Scale 1 : 15 000

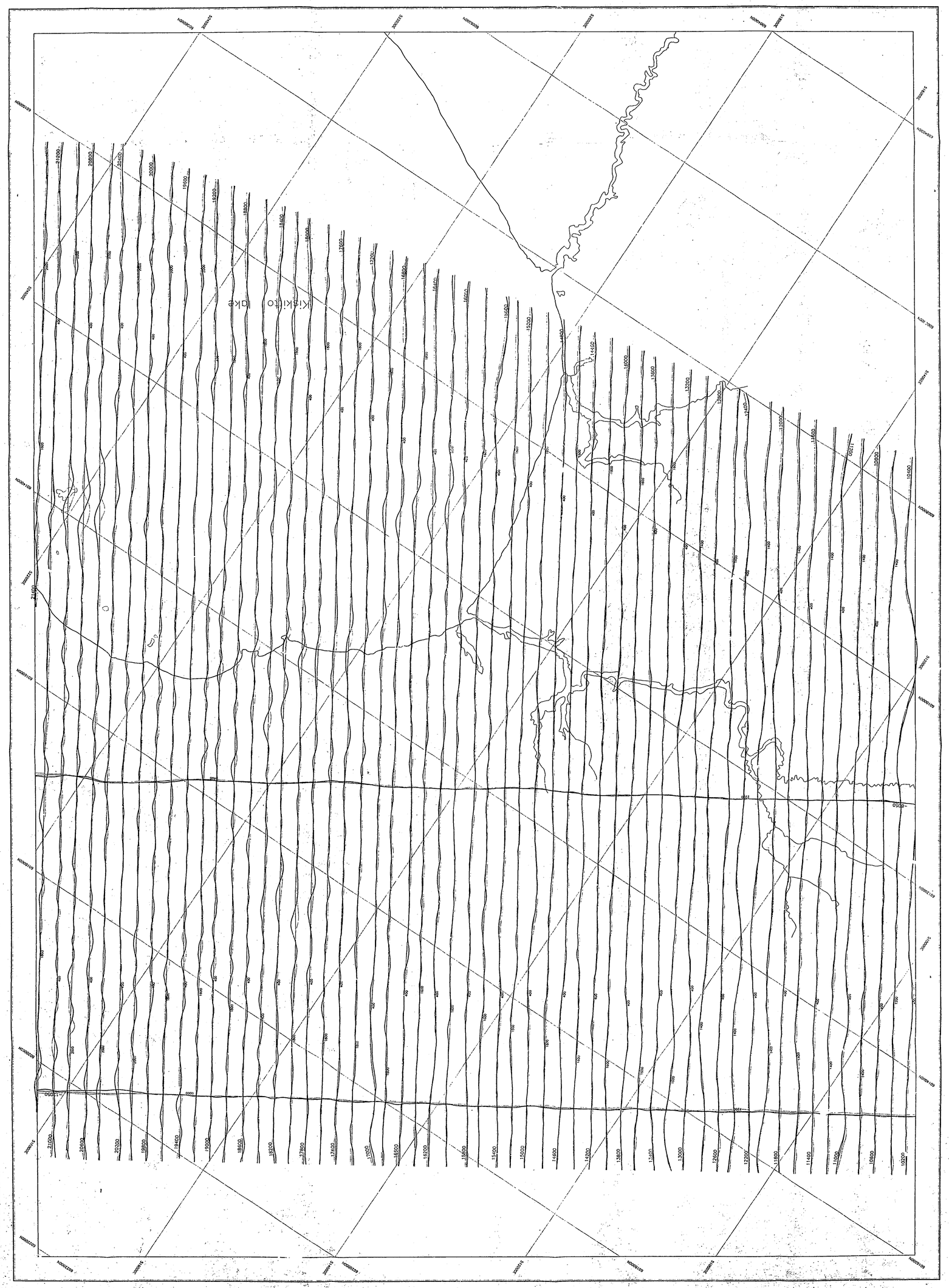


73005


VERTICAL MAGNETIC GRADIENT
KISKITTO LAKE
(AREA - 5)
GOSSAN RESSOURCES LIMITED
SIAL Geosciences Inc.
1995
Scale 1: 15 000
LEGEND :
Vertical magnetic gradient
map contours are in nanotesla/meter.
Vertical magnetic gradient data
was computed from ground or
flue-laden lake magnetic data.
0.1 nT/m
0.5 nT/m
2.5 nT/m
10.0 nT/m

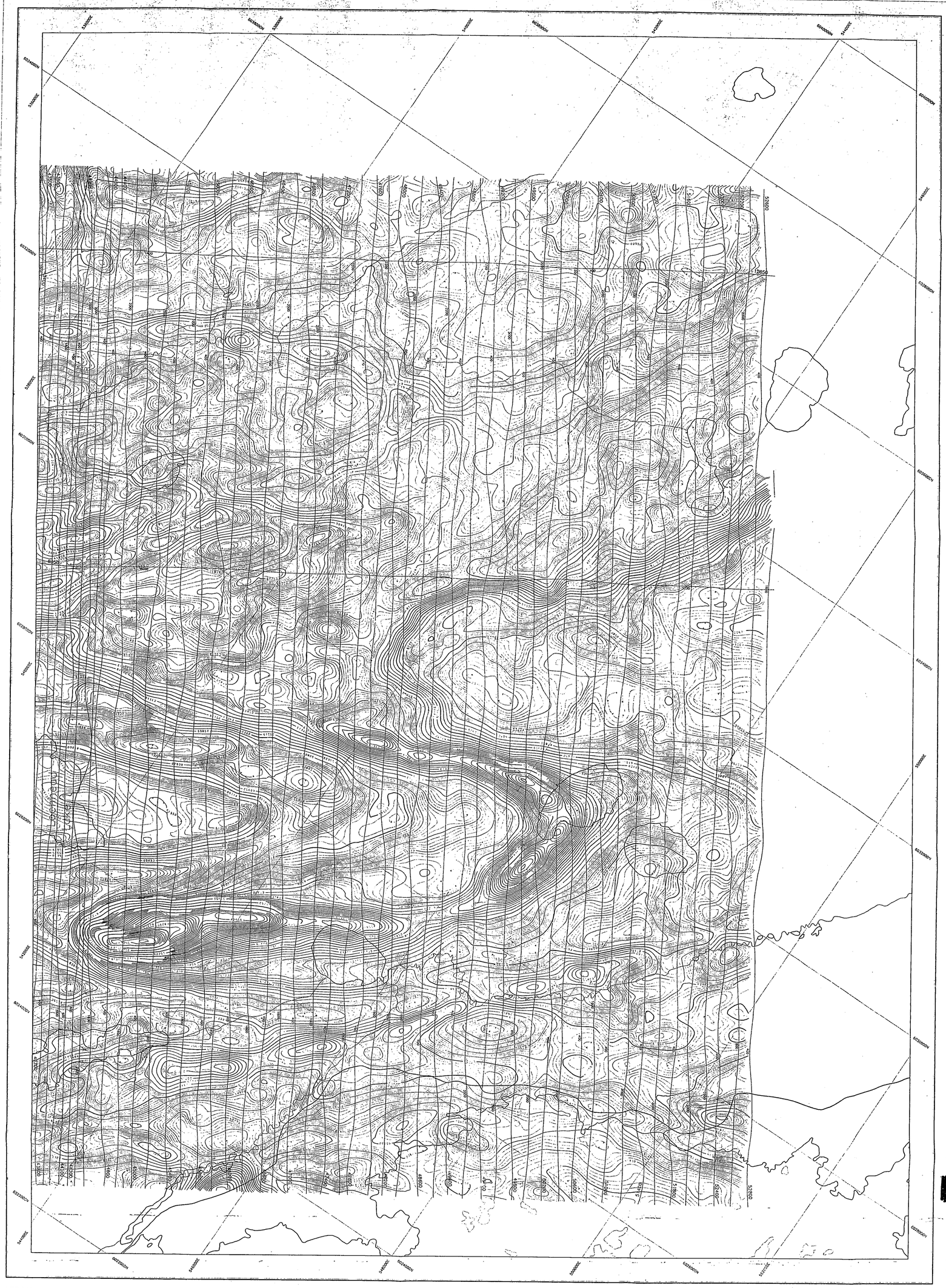
73005

30X


LEGEND :
VLF
Total field
Conductors
Dyke
Total field :
Quadrature :
Vertical scale :
VLF stations used :
NAA Seattle, 24.8 kHz
VLF PROFILES
TOTAL FIELD AND QUADRATURE
KIGITTO LAKE
(AREA - 2)
GOSSAN RESSOURCES LIMITED
SIAL Géosciences Inc.
1995
Kigittoq Lake

73005

30X



LEGEND :

Total magnetic field

Map contours are in nanoTesla:

10 nT :
50 nT :
250 nT :
1000 nT :

TOTAL MAGNETIC FIELD

KISKITTO LAKE

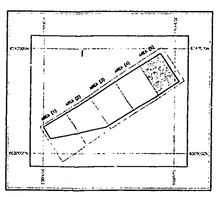
(AREA - 5)

GOSSAN RESSOURCES LIMITED

SIAL Géosciences inc.

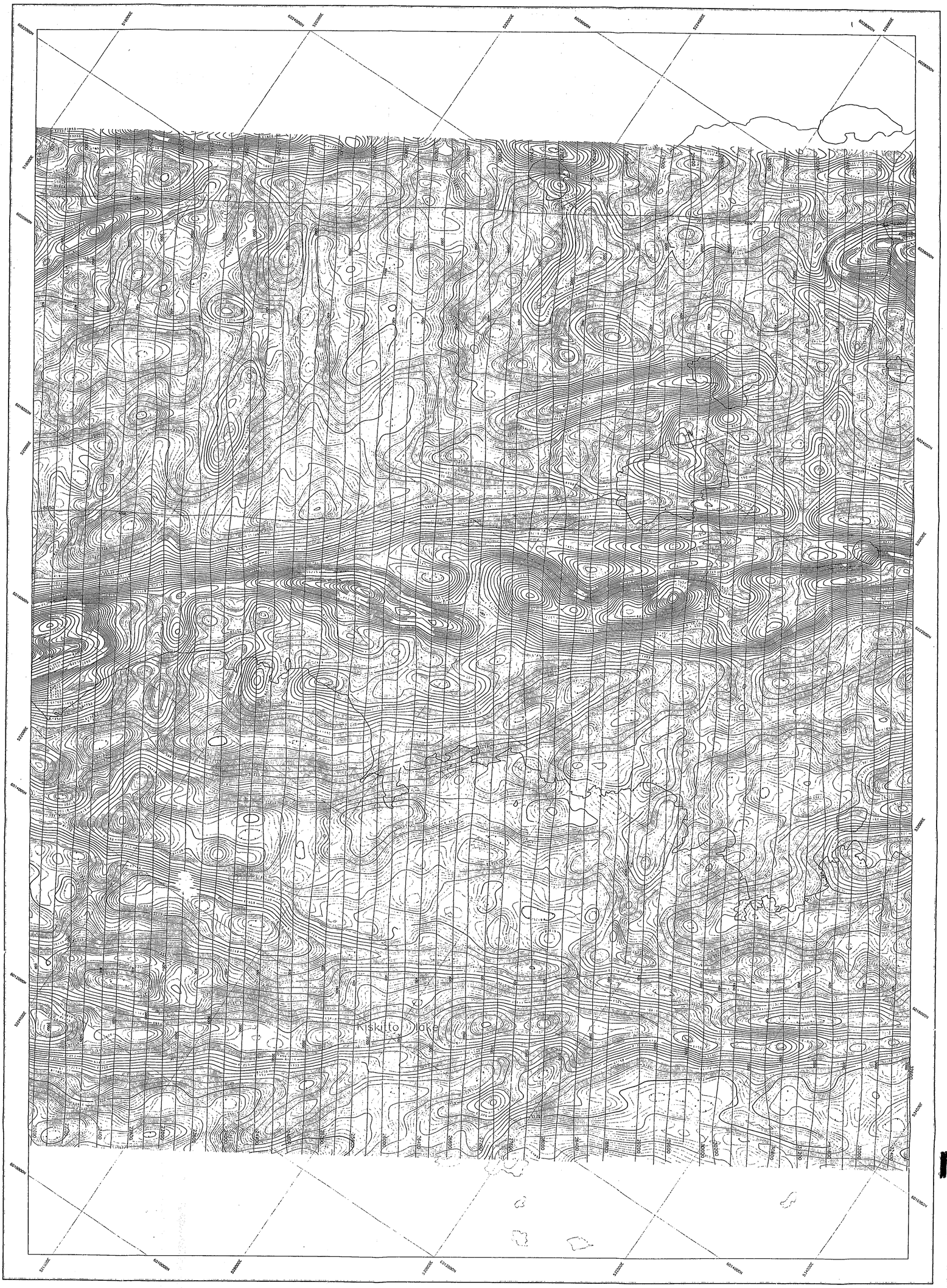
1995

Echelle 1 : 15 000



73005

30X



LEGEND :

Total magnetic field

Map contours are in nanoTesla:

10 nT :
50 nT :
250 nT :
1000 nT :

TOTAL MAGNETIC FIELD

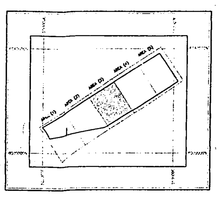
KISKITTO LAKE
(AREA - 3)

GOSSAN RESSOURCES LIMITED

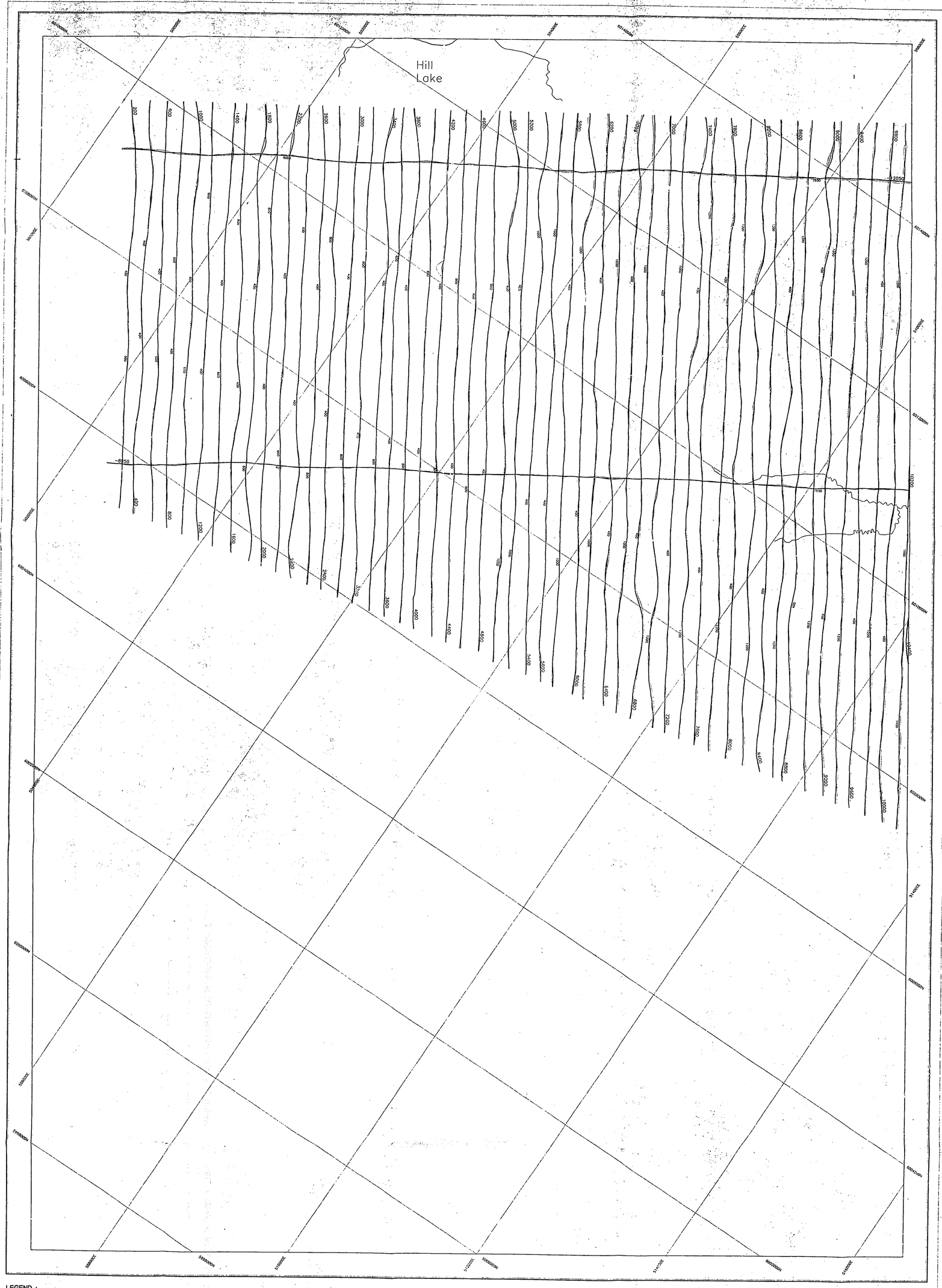
SIAL Géosciences inc.

1995

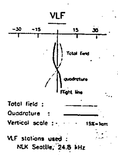
Scale 1 : 15 000



30X



LEGEND :



VLF PROFILES
TOTAL FIELD AND QUADRATURE

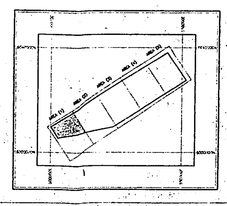
KISKITTO LAKE
(AREA - 1)

GOSSAN RESSOURCES LIMITED

SIAL Géosciences inc.

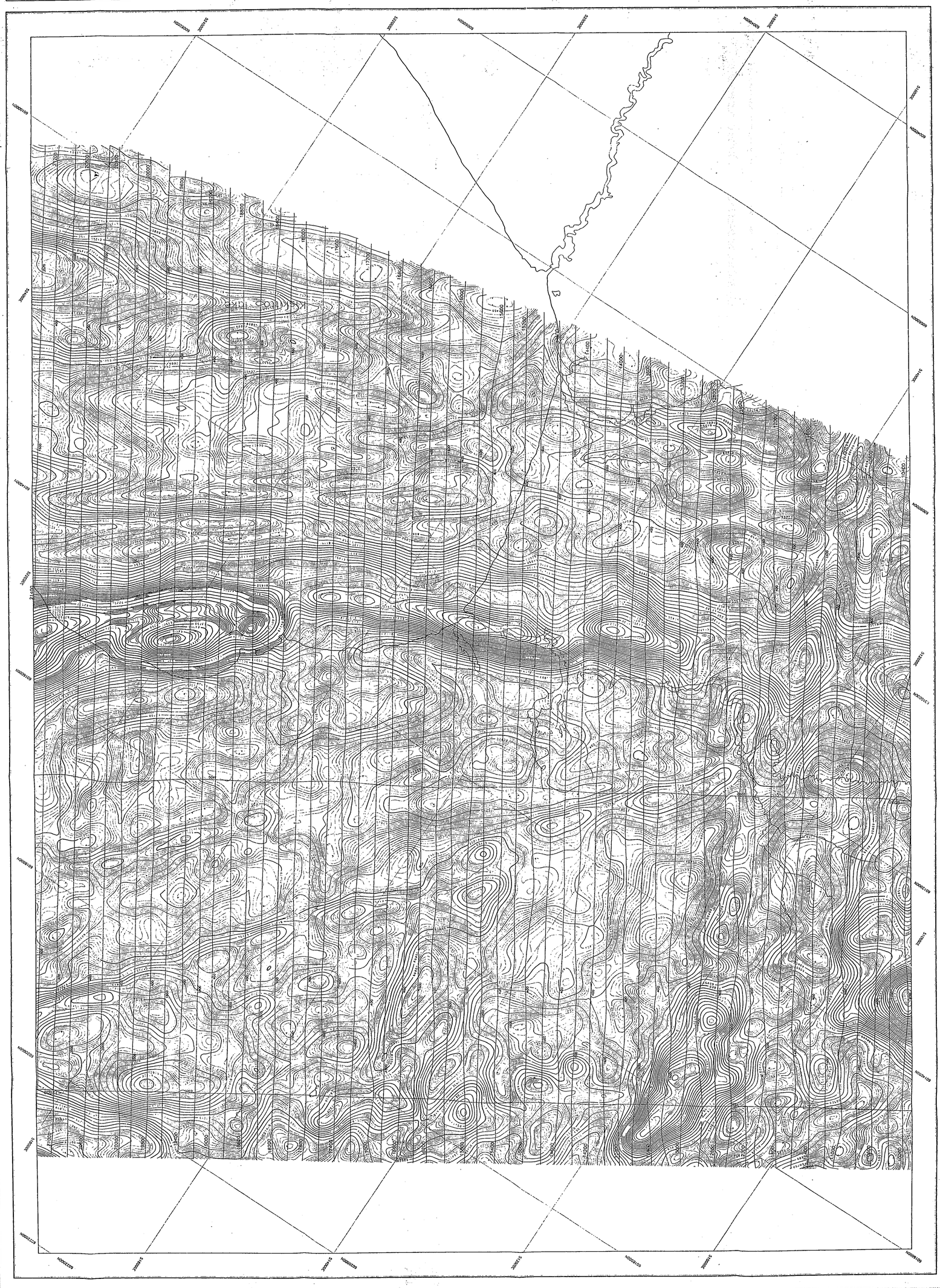
1995

Scale : 1 : 15 000



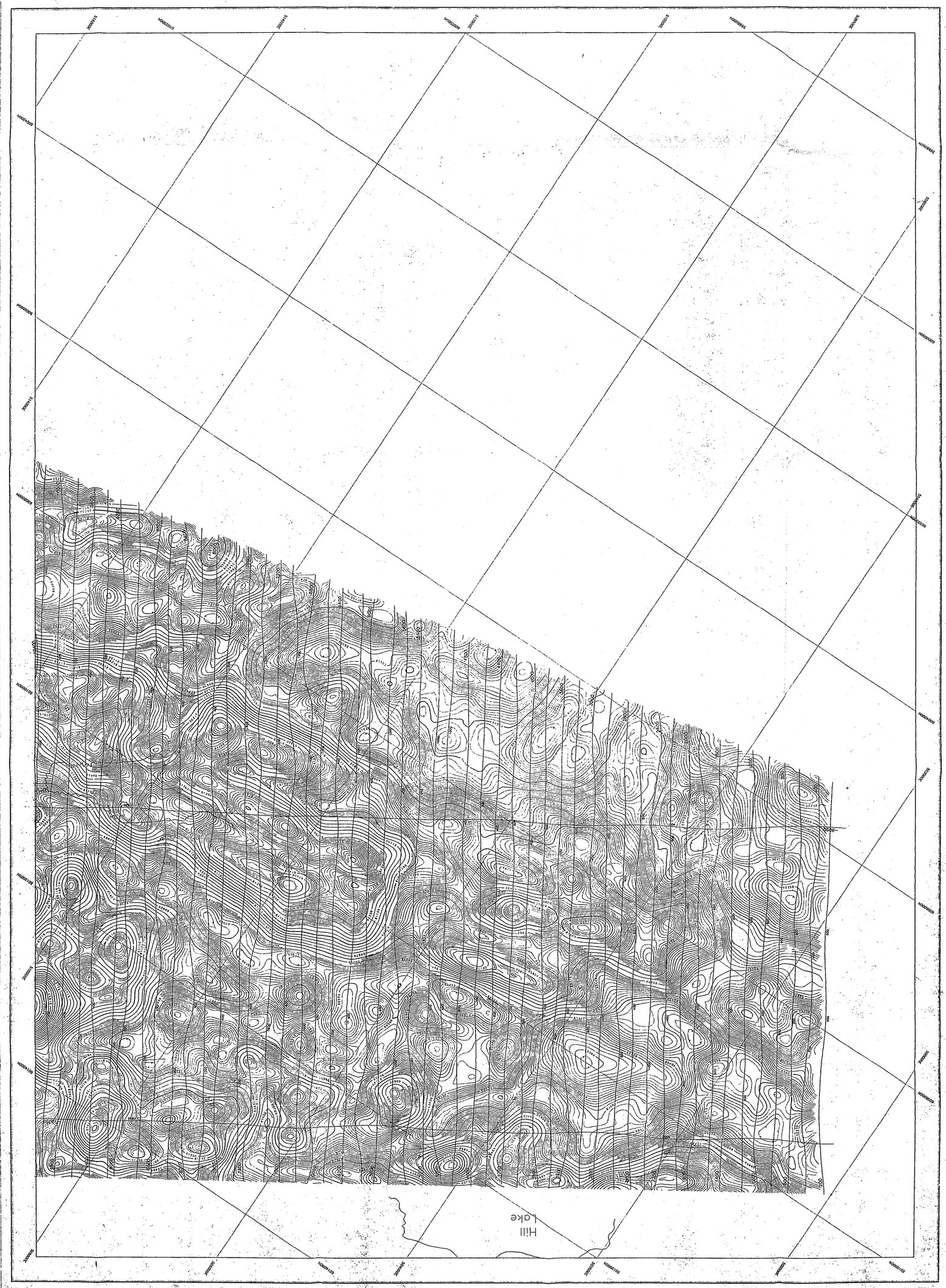
73005

30X


TOTAL MAGNETIC FIELD
KISWUTTO LAKE
(AREA - 2)
GOSSAN RESSOURCES LIMITED
SIAL Geosciences Inc
1995
Scale 1: 15 000
LEGEND :
Total magnetic field
Map contours are in nanoteslas:
10 nT :
50 nT :
250 nT :
1000 nT :

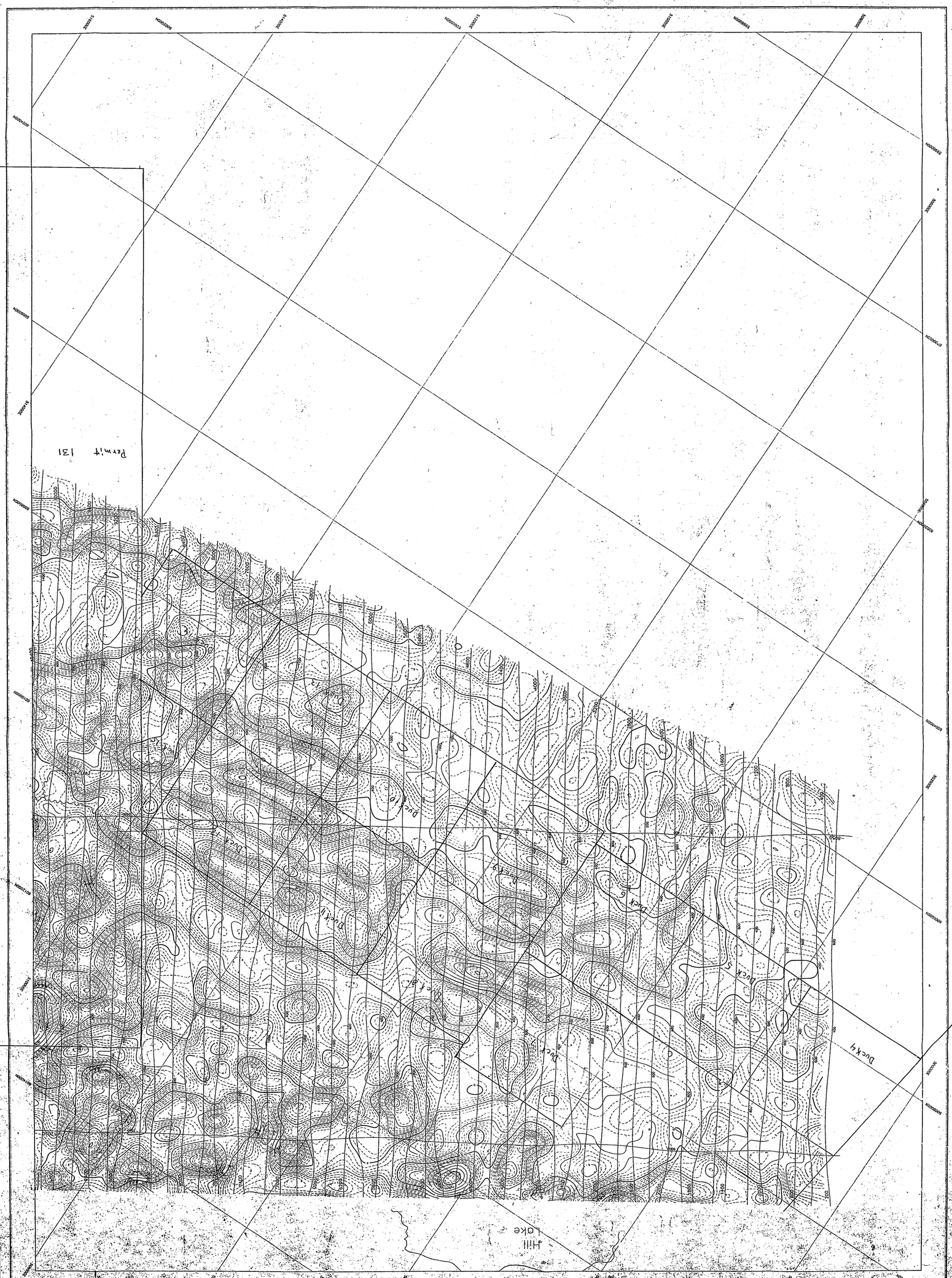
73005

30X

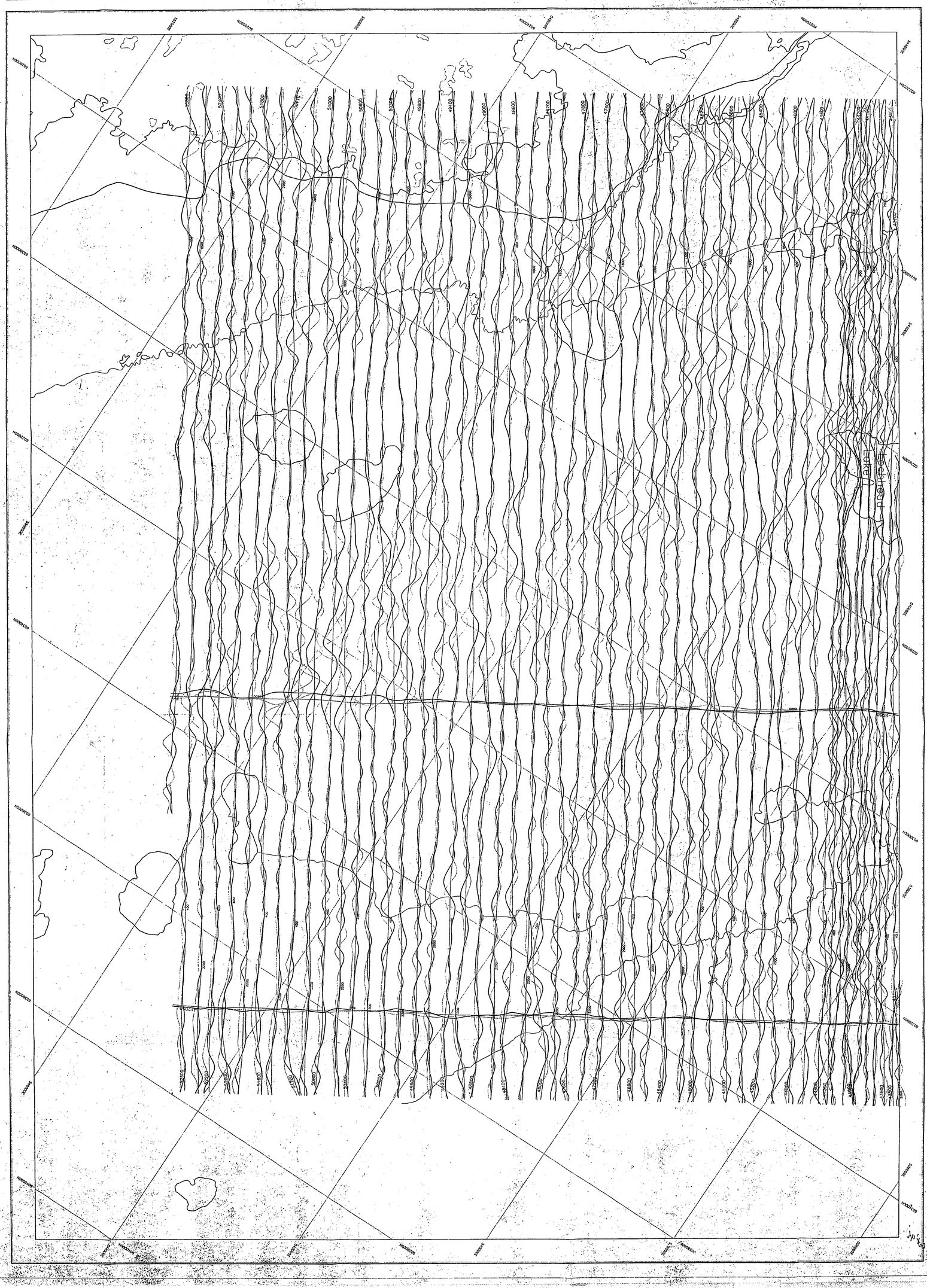

LEGEND :
Total magnetic field
Map contours are in nanoTesla:
5 nT :
10 nT :
50 nT :
250 nT :
TOTAL MAGNETIC FIELD
KISKITTO LAKE
(AREA - 1)
GOSSAN RESSOURCES LIMITED
SIAL Géosciences Inc.
1995
Scale 1 : 15 000
Hill
Lake

73 005

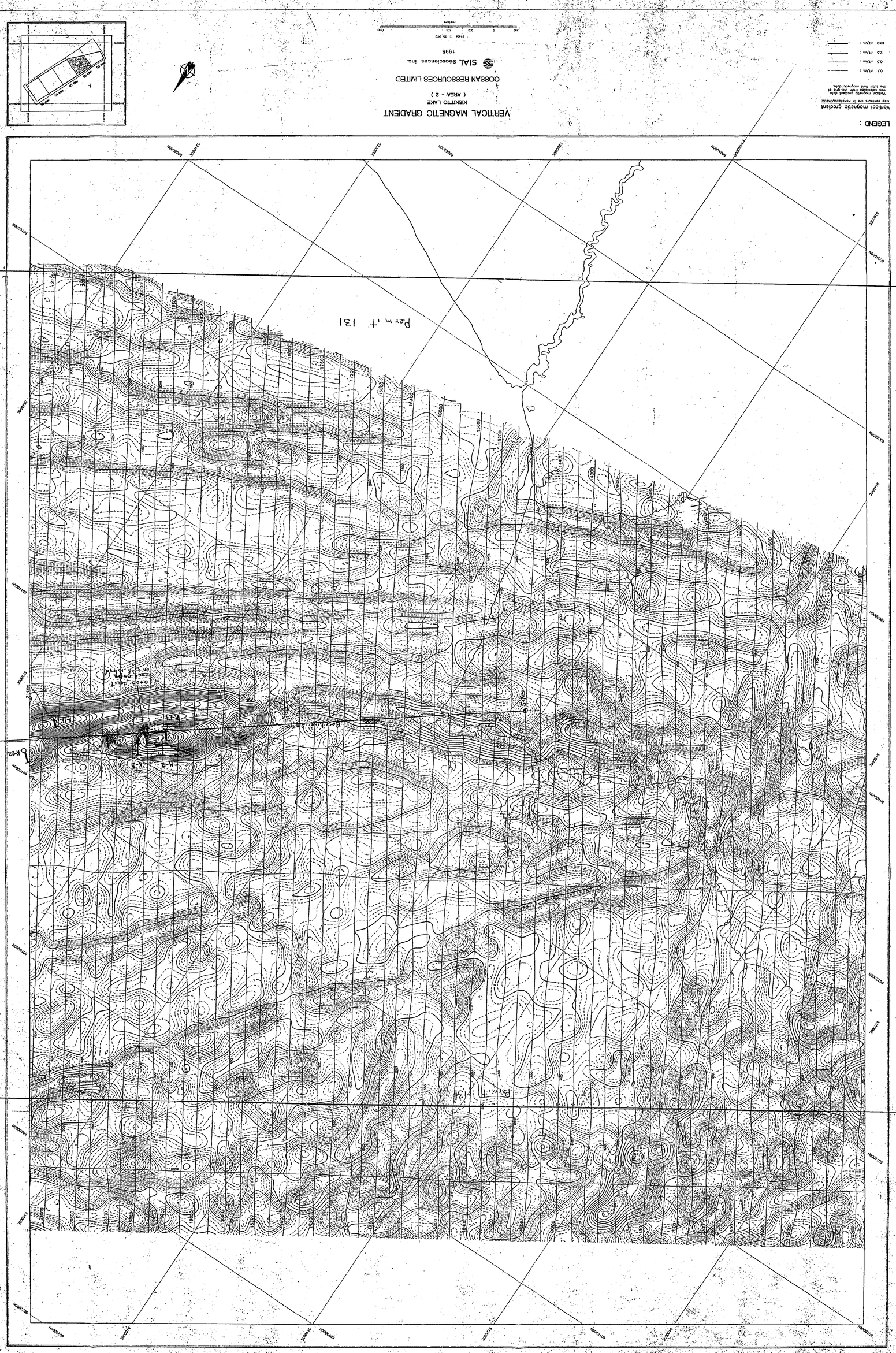
30X


VERTICAL MAGNETIC GRADIENT
KISKITTO LAKE
(AREA - 1)
GOSSAN RESSOURCES LIMITED
SIAL Géosciences Inc.
1995
Scale 1: 15 000
METRES
LEGEND :
Vertical magnetic gradient
Map contours are in nanotesla/metre
Vertical magnetic gradient data was computed from the grid of the total magnetic data
0.1 nT/m
0.5 nT/m
2.5 nT/m
10.0 nT/m
Permit 131
Duck 4
Duck 5
Duck 6
Duck 7
Duck 8
Duck 9
Duck 10
Duck 11
Duck 12
Duck 13
Duck 14
Duck 15
Duck 16
Duck 17
Duck 18
Duck 19
Duck 20
Duck 21
Duck 22
Hill Lake

3005


VLF PROFILES
TOTAL FIELD AND QUADRATURE
KSKITTO LAKE
(AREA - 5)
GOSSAN RESSOURCES LIMITED
SIAL Geosciences Inc.
1995
Scale 1 : 15 000
METRES
LEGEND :
VLF
Total field
Quadrature
Vertical scale : 125+1nT
VLF station used :
NLK Seattle, 24.8 kHz
Lake

73005


VERTICAL MAGNETIC GRADIENT
KISKITTO LAKE
(AREA - 2)
GOSSAN RESSOURCES LIMITED
SIAL Geosciences Inc.
1995
Scale 1: 15 000
metres
LEGEND :
Vertical magnetic gradient
large contours are in nanotesla/meter.
Vertical magnetic gradient data
was calculated from the grid of
the total field magnetic data.
0.1 nt/m
0.3 nt/m
2.5 nt/m
10.0 nt/m
Point 13
Point 13
Kiskitto Lake
Point 22
Point 22
Point 22