REPORT ON MAGNETOMETER AND INDUCED POLARIZATION SURVEYS CARMAN AND LANGMUIR TWPS. PROPERTY N.T.S. 42-A-6 GOLDEN PHEASANT RESOURCES LTD. VOLUME 2 - GEOPHYSICS

Porcupine Mining Division
Ontario

48°22'N Latitude 81°03'W Longitude

April, 1988

R.E. Gillick, M.Sc.
ROBERT E. GILLICK AND ASSOCIATES LTD.
for JAMES WADE ENGINEERING LTD.

TABLE OF

APPENDICES

LIST OF DRAWINGS

1.0 SUMMARY

Eight chargeability anomalies selected from the IP results are interpreted as representing sulfide zones with potential for gold mineralization. At least one of the zones (line 16 N, 0+45 W & line 17 N, 0+65 W) may be related to iron formation. Other zones are located within mafic to intermediate volcanics and may represent sulfide emplacement associated with faulting or shearing.

The magnetics survey has delineated a northeast striking ridge of high magnetic response located near the new baseline. The feature is believed to represent iron formation. A linear north-south striking magnetic low, interpreted as a fault, appears to terminate or offset the iron formation at its northern extremity.

Trenching or drilling of selected IP anomalous zones is recommended. In addition, it is highly recommended that the magnetic trend interpreted as iron formation be thoroughly investigated on surface. If the presence of iron formation is confirmed, the zone should be prospected and drilled.

2.0 INTRODUCTION

The following report describes ground geophysical surveys (induced polarization and magnetics) carried out during March and April, 1988, over parts of the Carman and Langmuir Property of Golden Pheasant Resources Ltd. in the Timmins area of northern Ontario.

3.0 PROPERTY DESCRIPTION, LOCATION AND ACCESS

The Golden Pheasant property consists of a block of 36 contiguous unpatented mining claims located approximately 25 kilometres southeast of the municipality of Timmins in northern Ontario. The claim block is located near the southwest corner of Carman Township and northwest corner of Langmuir Township (Fig. No. 1).

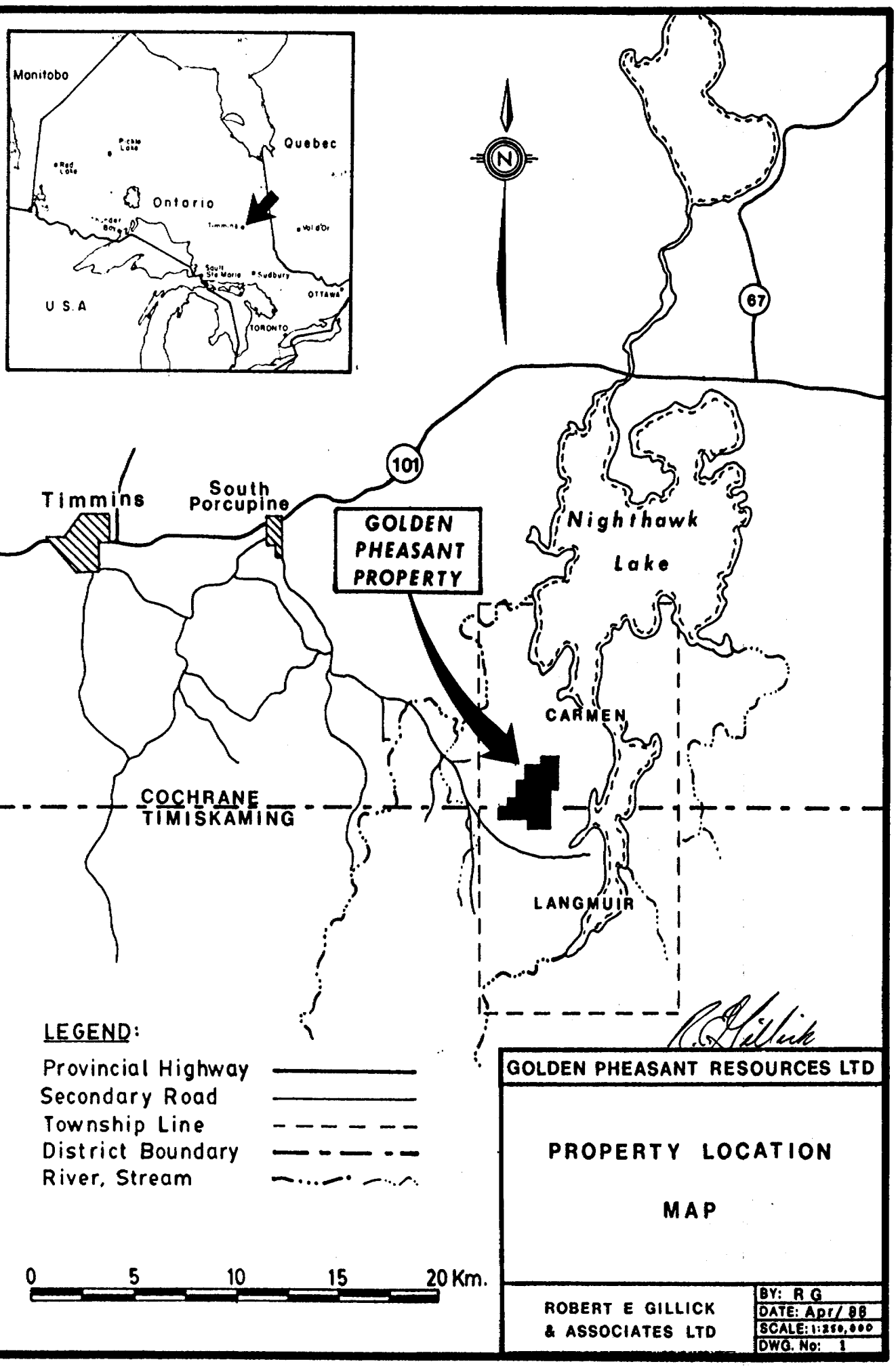
The claims comprising the property are as follows (Fig. No. 2):

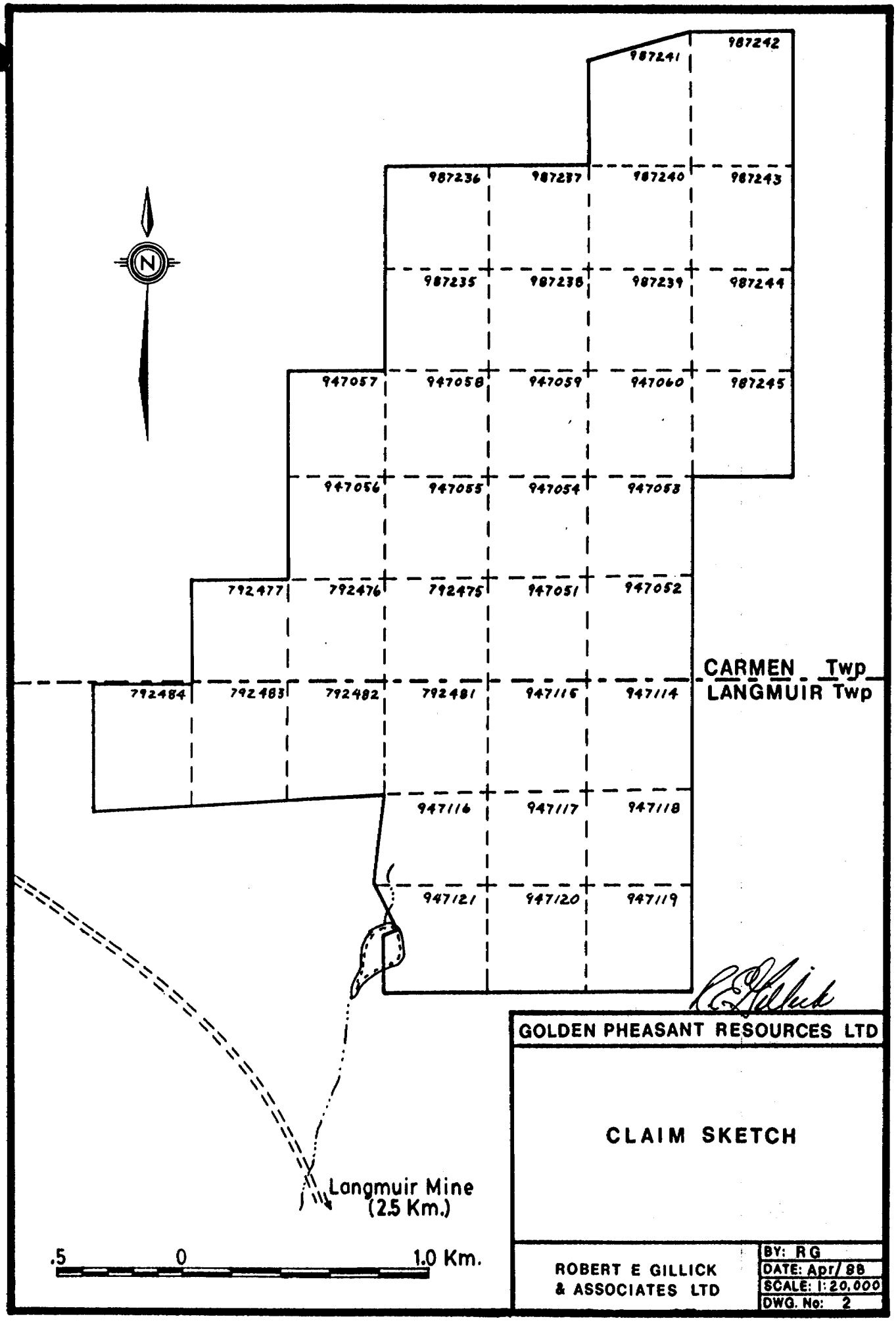
Claim Number		Recording Date
P 792475 - 792477	(3)	March 12, 1984
P 792481 - 792484	(4)	March 29, 1984
P 947051 - 947060	(10)	September 16, 1986
P 947114 - 947121	(8)	September 16, 1986
P 987235 - 987245	(11)	May 26, 1987

Total 36 Claims

The property is accessible by an all-season gravel road from the town of South Porcupine located on highway 101 to the north. By proceeding southeastwards along the gravel road for about 18 kilometres and then taking the Langmuir Mine branch road for an additional 5 kilometres, one passes within about 700 metres of the southern part of the Golden Pheasant property. From this point, the claims are accessible on foot or by snow machine.

The property can also be reached by helicopter from Timmins.


Manitoba
Quebec
Ontario
U.S.A
Red Lake
Timmins
Val d'Or
Sault Ste Marie
Sudbury
OTTAWA
TORONTO
N
67
101
Timmins
South Porcupine
GOLDEN PHEASANT PROPERTY
Nighthawk Lake
CARMEN
COCHRANE
TIMISKAMING
LANGMUIR
LEGEND:
Provincial Highway
Secondary Road
Township Line
District Boundary
River, Stream
0 5 10 15 20 Km.
GOLDEN PHEASANT RESOURCES LTD
PROPERTY LOCATION
MAP
ROBERT E GILLICK & ASSOCIATES LTD
BY: R G
DATE: Apr/ 88
SCALE: 1:250,000
DWG. No: 1


987241
987242
987236
987237
987240
987243
987235
987238
987239
987244
947057
947058
947059
947060
987245
947056
947055
947054
947053
792477
792476
792475
947051
947052
792484
792483
792482
792481
947115
947114
CARMEN Twp
LANGMUIR Twp
947116
947117
947118
947121
947120
947119
N
Langmuir Mine
(2.5 Km.)
.5
0
1.0 Km.
GOLDEN PHEASANT RESOURCES LTD
CLAIM SKETCH
ROBERT E GILLICK
& ASSOCIATES LTD
BY: RG
DATE: Apr/88
SCALE: 1:20,000
DWG. No: 2

No bodies of water large enough to permit the landing and take-off of ski- or float-equipped fixed-wing aircraft occur on the property.

4.0 TOPOGRAPHY AND VEGETATION

Approximately 60% to 70% of the property area is low-lying and covered by swamp or muskeg. Over the remainder of the property, topographic relief is variable ranging from several metres to a maximum of about 20 metres. The relief is relatively abrupt in places especially over diabase dikes where differential weathering has left the hard dike rock prominently exposed.

Vegetation is generally mixed. Cedar is common in the swampy areas with black spruce and balsam fir occurring in the regions of muskeg. Stands of birch, poplar and pine occur along the ridges and in the dryer parts of the property.

5.0 PREVIOUS WORK

Although no documented evidence is available in assessment files indicating work on the Golden Pheasant property prior to the 1960's, old pits and trenches located on the property suggest that some work may have been carried out.

In 1962, Dumont Nickel Corporation of Quebec, drilled a single hole (602') on the property in the west central part of present claim 792481. The hole reportedly intersected several bands of siliceous pyrite-bearing iron formation. One of the bands assayed 0.67 ounces gold per ton over a core length of 6 feet.

In 1974, T. K. Dowe drilled a single hole (146') in the north-east corner of present claim 792481. Banded iron formation was intersected near the bottom of the hole. No significant gold assays were reported.

In 1982, Rio Tinto Canadian Exploration Ltd. carried out magnetometer and VLF-EM surveys over the southern part of the present property. One hole was drilled to a depth of 372 feet in the east central part of present claim 792482. The hole reportedly intersected several bands of siliceous iron formation well-mineralized (5-10%) with pyrrhotite and pyrite and containing up to several percent chalcopyrite in places. No gold assays were published for this hole.

In 1984/85, J.K. Filo and M. C. Kean staked seven claims covering and surrounding the Dumont drill hole. VLF-EM surveying and geological mapping were carried out.

In 1986, Golden Pheasant Resources Ltd. optioned the Filo-Kean claims. During the latter part of 1986 and early part of 1987, 29 additional claims were staked contiguous to the original block to form the present 36 claims. During the early part of 1987, Golden Pheasant commissioned geophysical surveying (HLEM, magnetometer, IP) and geological mapping over the southern 25 claims of the block.

6.0 REGIONAL GEOLOGY AND ECONOMIC MINERALIZATION

The Timmins area lies within the Abitibi Volcanic Belt which forms a sub-province of the Superior Province of the Canadian Shield. The belt is characterized by a predominance of Archean metavolcanic/metasedimentary rock types intruded by numerous felsic to ultramafic bodies. Six major gold/base metal mining camps are located along this belt making it one of the most productive mining regions in the world.

The Timmins area is located near the western extremity of the Abitibi Belt. Volcanic rocks within this sub-region have been divided into the Tisdale and Deloro groups. The Tisdale group consists of a basal formation of predominantly ultra-

mafic volcanic rocks (komatiites) overlying tholeiitic basalts which in turn are overlain by volcaniclastic rocks of calc-alkaline dacite composition. The Deloro group is composed of andesitic and basaltic flows overlain by dacitic flows and and dacitic and rhyolitic pyroclastics. Iron formation commonly occurs near the top of the Deloro sequence. Both groups are overlain by interlayered and intercalated metasediments consisting of wacke, siltstone and, to a lesser extent, conglomerate. The regional metamorphic grade is lower to middle greenschist facies. Both groups have been intruded by numerous north and north-east trending diabase dikes.

The Destor-Porcupine Fault forms a major structural break in the Timmins area striking northeasterly between the Tisdale group and the Deloro group. The vast majority of gold deposits in the area are hosted in the lower volcanic rocks of the Tisdale sequence immediately to the north of the Destor-Porcupine Fault.

The Shaw Dome forms the main structural feature associated with the Deloro volcanic group. The easterly dip and northerly strike of the rocks on the Golden Pheasant property are due to their location along the eastern margin of the Shaw Dome.

Over 49 gold mines have operated in the Timmins area producing a combined total of 65 million ounces of gold from ore with an average grade of 0.254 ounces gold per ton. The majority of gold in the Timmins camp has been hosted in quartz-carbonate veins within volcanic rocks in the lower part of the Tisdale sequence. Most of the deposits are in close spatial association with ultramafic volcanic rocks suggesting that this latter rock type may have been the source rock for the gold.

Two iron formation hosted gold deposits are located within the Deloro volcanics about 2.5 kilometres northwest of the Golden

Pheasant property. The Carshaw and Malga deposits are reported to host 247,000 tons of ore with a combined average grade of 0.249 ounces gold per ton. Gold mineralization in both these deposits is associated with quartz veining and attendant pyrite replacement of magnetite-rich mesobands. The mineralization appears to have been emplaced by the percolation and precipitation of exotic gold and sulfur bearing hydrothermal solutions within fracture systems formed by the brittle deformation of the iron formation.

The Langmuir Mine, a former nickel producer, is located about 2.5 kilometres southeast of the Golden Pheasant property. Between 1973 and 1977, 1.1 million tons of ore grading 1.5% nickel were mined from this ultramafic hosted deposit.

7.0 PROPERTY GEOLOGY

The southeast portion of the Golden Pheasant property is underlain by ultramafic intrusive rock identified as serpentinized dunite or peridotite. Most of the western and northern parts of the 1987 gridded portion of the property are underlain by intermediate volcanics intercalated with thin mafic flows. Several outcrops of quartz-feldspar-porphry occur in the west near line 1+00 N at approximately 10+00 W. A large east-west trending carbonatized zone has been identified at 0+25 S, 4+00 W. Large diabase intrusives transect the property in both northerly and northeasterly directions.

Two zones of siliceous oxide iron formation were delineated during the 1987 mapping program. One zone is located between lines 1+00 N and 2+00 N at 1+50 W and the second zone strikes northeasterly across lines 5+00 N and 6+00 N at 9+00 E. The iron formation is reported to exhibit intense local folding and contain variable quantities of sulfide mineralization. The hole drilled by Dumont in 1962 intersected the western zone of

iron formation indicating it to be composed of two separate bands, the westernmost band being auriferous and 'well-mineralized' with pyrite.

8.C DESCRIPTION OF GEOPHYSICAL PROGRAM

Between the dates of March 3 and March 30, 1988, inclusive, 23.95 kilometres (14.89 miles) of line were cut over 11 claims comprising the northern part of the Golden Pheasant property. A baseline oriented at an azimuth of 34° was cut across the central part of the claim group and crosslines oriented perpendicular to the baseline were cut at 100 metre intervals to cover the claims. Labelled pickets were erected at 25 metre intervals along all crosslines and the baseline.

The linecutting was carried out by Mr. N. Wabie of Notre Dame du Nord, Quebec.

Between the dates of March 10 and April 4, 1988, inclusive, magnetometer and induced polarization surveying was carried out on the property by Robert E. Gillick & Associates Ltd. of North Bay, Ontario. Total mileages surveyed were as follows:

Magnetometer survey	20.16	kilometres	
IP survey	10.50	"	(n=1 to 4)
	.65	"	(n=1 to 6)

The personnel involved in the geophysical surveys were:

R. E. Gillick	North Bay, Ont.	March 10 - April 4
P. Butler	North Bay, Ont.	March 10 - March 27
T. Howe	North Bay, Ont.	March 10 - March 27

The magnetometer survey was carried out exclusively on the newly cut grid lines covering the 11 northern claims of the property. The survey was performed using two EDA OMNI IV

proton precession magnetometers with memory capability. One magnetometer was used as a recording basestation unit to monitor drift/diurnal changes while the other was used to take field readings along the grid lines. The instruments were synchronized each day prior to commencement of the survey. The basestation magnetometer was set up at a fixed location near the survey area and programmed to take readings at one minute intervals. The 'roving' magnetometer was used to take readings of the total magnetic field at 25 or 12.5 metre intervals along the grid lines. At the end of each survey day, the two instruments were interfaced and field data was automatically corrected and dumped.

The IP survey was performed using an EDA IP-2 time-domain receiver in conjunction with a Phoenix 1 kilowatt IPT-1 transmitter. A two second on/off reversing polarity transmitted waveform was employed.

The survey was carried out using the dipole-dipole electrode array with an a-spacing of 25 metres. Dipole separations of n= 1 to 4 were used on all lines surveyed except line 2 S where readings were taken at separations of n= 1 to 6. The IP coverage included parts of both the old and the new grids. The lines read were as follows:

Old (1987)grid -

Line 2 S	6+25 W to 0+25 E
Line 1 N	5+50 W to 7+25 E
Line 3 N	4+25 W to 10+25 E
Line 5 N	3+75 W to 2+50 E
Line 6 N	2+50 W to 3+75 E
Line 7 N	1+75 W to 11+00 E
Line 8 N	1+25 W to 4+25 E
Line 9 N	0+75 W to 11+75 E

New (1988) grid -

Line 12 N	3+25 W to 3+00 E
Line 14 N	4+50 W to 3+00 E
Line 15 N	5+50 W to 0+25 E
Line 16 N	5+50 W to 5+75 E
Line 17 N	2+75 W to 1+00 E

The coverages indicated above are determined by the stations occupied by current or potential electrodes at the extremities of the surveyed portion of each line. The line coverage of the IP survey totalled 11.15 kilometres over a period of 13.5 production days, giving an average coverage of 826 metres per day. Although noise levels were generally low during the survey allowing relatively rapid reading times, survey speed was hampered somewhat due to difficulties encountered with electrode emplacement in areas of frozen swamp and outcrop.

9.0 RESULTS AND INTERPRETATION

a) Induced Polarization Results:

The results of the induced polarization survey are presented in pseudosection form in Drawings 1 through 13. A compilation of the IP anomalies picked is shown in Drawing 14.

The IP anomalies have been categorized as follows:

i) DEFINITE BEDROCK ANOMALY

This is an anomaly which has a known geological source as proven by drilling and/or surface geology, OR, an anomaly whose signature and correlation with other geophysical and/or geological data indicate a bedrock source even though the exact nature of the source is unknown.

ii) PROBABLE BEDROCK ANOMALY

This is an anomaly whose signature OR correlation with other geophysical/geological data suggest a bedrock source.

iii) POSSIBLE BEDROCK ANOMALY

This category includes generally low amplitude chargeability anomalies with poor signatures and weak or nil correlation with other data.

A line by line description of the induced polarization results follows:

Line 2 S (Drawing No. 1) -

A strong, sharp chargeability anomaly centred at 5+10 W correlates with a mineralized zone of iron formation intersected by a Rio Tinto diamond drill hole in 1982. According to the log for this hole, the zone had a drill indicated thickness of 3.25 metres and contained up to 35% magnetite and 15% sulfides. A low resistivity anomaly immediately to the east of the chargeable zone suggests a fault may be present.

A generally weak although well-formed chargeability response centred at 2+70 W has been drill-proven (1962 & 1988) to represent a zone of silicified iron formation containing up to 20% sulfides over a core length of 1.65 metres. The 1962 drill results also suggested this zone to be auriferous.

Line 1 N (Drawing No. 2) -

A weak chargeability anomaly centred at 1+80 W and associated with an apparent resistivity high may represent a continuation of the sulfidized zone located on line 2 S at 2+70 W. The associated resistivity high may indicate silicification.

A moderate amplitude chargeability response centred at 6+20 E, is located over a region mapped as felsic to intermediate volcanics near the contact with ultramafic intrusive rocks. The anomaly may represent a zone of disseminated sulfides. The weak resistivity high associated with the chargeability anomaly may indicate silicification.

Line 3 N (Drawing No. 3) -

Three moderate amplitude chargeability peaks appearing to correlate with resistivity highs are located between 0+00 and 1+50 W. The anomalies may be related to an inferred diabase dike interpreted from ground magnetics to strike northwards through this area. Sulfide mineralization along dike contacts

or sulfide/magnetite mineralization within the dike rock could be the chargeable source.

A moderate amplitude chargeability anomaly is centred at 6+60 W. Again, this anomaly appears to be related to diabase. A flanking resistivity low immediately to the west of the chargeability peak may represent a fault.

A broad strong chargeability response at the eastern end of the line is due to serpentinized ultramafic rocks in this area.

Line 5 N (Drawing No. 4) -
A double-peaked (n=3,4) chargeability anomaly in the vicinity of 3+00 W appears to be associated with a northeasterly trending diabase dike. Sulfide/magnetite mineralization along the dike contacts or within the dike rock itself may be the chargeable source.

Line 6 N (Drawing No. 5) -
A weak chargeability peak centred at 0+75 W and associated with a high resistivity appears to correlate with a diabase-volcanic contact. The chargeability response may be due to sulfide mineralization along the contact.

A moderate amplitude chargeability anomaly centred at 0+90 E correlates with a resistivity low flanking a resistivity high to the east. The response may be due to a zone of sulfide mineralization within the volcanics. The associated resistivity low suggests a fault may be flanking the chargeable zone.

Line 7 N (Drawing No. 6) -
A weak chargeability response centred at 0+70 E is associated with a resistivity low. The anomaly may represent a zone of weak sulfide mineralization along a fault or shear.

Moderate amplitude chargeability anomalies centred at 2+70 E, 3+60 E, 4+85 E and 9+10 E are all associated with strong resistivity highs and are interpreted as zones of elevated sulfide

or magnetite content within a broad easterly striking diabase dike inferred from ground magnetics and geological mapping to underlie most of the eastern half of line 7 N.

Line 8 N (Drawing No. 7) -

A weak to moderate amplitude chargeability anomaly centred at 1+35 E exhibits flanking correlation with a resistivity low to the east. The response may indicate a zone of weak sulfide mineralization flanking a fault or shear.

A moderate amplitude chargeability anomaly centred at 2+45 E is associated with a strong resistivity high. The response may represent a zone of disseminated sulfide mineralization within mafic to intermediate volcanic rocks.

Line 9 N (Drawing No. 8) -

Two moderate amplitude chargeability anomalies located at the eastern end of the line and associated with a broad resistivity high may represent zones of sulfide/magnetite mineralization within diabase or at the contact of diabase and volcanic rock.

Line 12 N (Drawing No. 9) -

A weak chargeability response centred at 0+70 E is associated with a moderate amplitude well-formed high resistivity anomaly. The zone is located within a region mapped as mafic to intermediate volcanics. The high chargeability - high resistivity combination is similar to the response over the sulfidized and silicified zone located at 2+70 W on line 2 S. A similar geological source may be present on line 12 N.

A moderate amplitude chargeability response centred at 2+00 E and associated with a strong resistivity high is believed to correlate with diabase. A zone of disseminated sulfide or magnetite within the dike or at the dike contact may be the causative source.

Line 14 N (Drawing No. 10) -
Two weak poorly-formed chargeability anomalies centred at 3+55 W and 0+45 W correlate with linear magnetic features believed to represent a diabase dike and iron formation, respectively.

Line 15 N (Drawing No. 11) -
Two unusual anomalies are present on this line. A weak chargeability anomaly centred at 3+75 W and responsive on n= 1,2 only, is accompanied by sharp low resistivities on n=3,4. The higher chargeabilities may be due to weak sulfide or magnetite mineralization in the upper part of a diabase dike which is indicated to strike northwards through this area by the ground magnetics. The low resistivities may indicate the presence of of a fault along the dike contact. The sharpness of the resistivity low at n=4 is unusual. A second chargeability anomaly centred at 2+25 W is expressed as an extremely sharp negative chargeability on n=1,2. There is no associated resistivity anomaly. The chargeability response is similar to that which may occur over a buried wire or pipe. Alternatively, the response could be due to a very shallow vein of sulfide of very limited depth extent.

Line 16 N Drawing No. 12) -
A single anomaly centred at 0+45 W has been located on this line. The chargeability response is unusually shaped consisting of a sharp positive peak flanked to the east by a low zone of abnormally noisy readings. The resistivity data indicates a contrast suggesting a contact. The zone is associated with a sharp strong linear magnetic feature on a northeasterly strike. The zone may represent sulfidized iron formation along a geologic contact.

Line 17 N (Drawing No. 13) -
A weak chargeability response centred at 0+65 W is associated with a dipolar magnetic anomaly. The response may be due to

weak sulfides associated with lean iron formation.

b) Magnetometer Survey Results:

The contoured results of the magnetometer survey on the newly cut grid covering the northern part of the Golden Pheasant property are presented on Drawing No. 15.

A strong narrow magnetic linear srtiking northwards near the western boundary of the property is believed to represent a diabase dike.

Regions of active magnetics in the eastern and northern parts of the property are believed to be underlain by ultramafic intrusive rocks perhaps accompanied by diabase intrusions.

A strong narrow magnetic linear on a northeasterly strike near the grid baseline is interpreted to be iron formation. The feature exhibits an apparent strike length of at least 600 metres extending from line 13 N to line 19 N. A narrow magnetic low trending northwards from line 14 N at 3+25 E to line 22 N at 3+25 W may represent a fault or shear which has terminated or displaced the interpreted iron formation.

10.0 CONCLUSIONS AND RECOMMENDATIONS

A number of zones of anomalous chargeability have been located on the Golden Pheasant property. More than half of these zones appear to be associated with diabase dikes and are not considered to warrant further work at this time. The chargeable zones not associated with diabase may contain sulfide mineralization emplaced along faults or shears. Several of these latter zones correlate with weak to moderate resistivity highs suggesting that silicification may be present. Three chargeable zones located near the baseline of the new grid may be associated with iron formation.

The following IP zones are considered to have potential for gold mineralization and should be investigated by trenching or diamond drilling:

a) Line 1 N, 1+80 W
b) Line 6 N, 0+90 E
c) Line 7 N, 0+70 E
d) Line 8 N, 1+35 E and 2+45 E
e) Line 12 N, 0+70 E
f) Line 16 N, 0+45 W
g) Line 17 N, 0+65 W

In addition to delineating a diabase dike near the western boundary of the property and magnetically active regions in the north and east parts of the grid, believed to be underlain by ultramafic intrusive rocks, the magnetics survey has defined a narrow northeast striking magnetic linear, located near the grid baseline, which may be iron formation. This latter trend extends from line 13 N to line 19 N where it appears to be fault terminated or offset. Since iron formation is known to host gold mineralization on the property, it is recommended that this zone be thoroughly investigated on the surface and, if the presence of iron formation is confirmed, the zone should be diamond drilled.

Respectfully submitted,

R. E. Gillick, M.Sc.
ROBERT E. GILLICK & ASSOCIATES LTD.
for
JAMES WADE ENGINEERING LTD.

11.0 REFERENCES

D. R. Pyke, 1982, OGS Report 219, Geology of the Timmins Area, District of Cochrane.

S. A. Ferguson, 1968, ODM Geological Report 58, Geology and Ore Deposits of Tisdale Township.

J. A. Fyon, J. H. Crocket, H. P. Schwarcz, 1983, The Carshaw and Malga Iron-Formation-Hosted Gold Deposits of the Timmins Area, in OGS Misc. Paper 110 - The Geology of Gold in Ontario.

C. J. Hodgson, 1983, The Structure and Geological Development of the Porcupine Camp - A Re-Evaluation, in, OGS Misc Paper 110 - The Geology of Gold in Ontario.

R. W. Stevenson, 1987, Geological Report on the Carman & Langmuir Townships Property, Porcupine Mining Division for Golden Pheasant Resources Ltd.

G. Hodges,1987, A Report on the Total Field Magnetics Survey on the Carman and Langmuir Townships Property of Golden Pheasant Resources Ltd.

G. Hodges, 1987, A Report on the Electromagnetic and Induced Polarization Surveys on the Carman and Langmuir Townships Property of Golden Pheasant Resources Ltd.

A. Moore, 1987, Geological Report on the Property of Golden Pheasant Resources Ltd. in Langmuir and Carman Townships, Porcupine Mining Division.

R. J. Anderson, personal communication.

APPENDIX A

CERTIFICATE OF QUALIFICATIONS

CERTIFICATE OF QUALIFICATIONS

This is to certify that:

1) I am a consulting geophysicist with an office at 114 Willingdon Drive, North Bay, Ontario.

2) I hold a BSc.in Mathematics from Dalhousie University and an MSc. Diploma in Applied Geophysics (1979) from McGill University.

3) I have been working in the Mineral Exploration and Mining Industry for the past 13 years.

4) I am an associate member of the Society of Exploration Geophysicists.

5) I have no direct or indirect interest in the property described in this report.

Dated at North Bay, Ontario, this 2nd day of MAY , 1988 .

R. E. Gillick

R. E. Gillick.

APPENDIX B

TECHNICAL DATA STATEMENT

Ministry of Northern Development and Mines

Assessment Work Breakdown

1. Type of Survey ..... Induced Potential - Resistivity .....

2. Township or Area ... Langmuir and Carman .....

3. Numbers of Mining Claims Traversed by Survey .....

947051	947056	987235
947052	947058	987236
947054	947059	987238
947055	947060	987239

4. Number of Miles of Line Cut ..... Flown .....

*5. Number of Stations Established .....

*6. Make and type of Instrument Used .....

*7. Scale Constant or Sensitivity .....

*8. Frequency Used and Power Output .....

9. Summary of Assessment Credits (details on reverse side)

Total 8 hour Technical Days (Include Consultants, Draughting etc.) ... 54.5 .....

Total 8 hour Line-Cutting Days .....

Calculation

54.5 (Technical) x 7 = 381.5 + _____ (Line-cutting) = _____ ÷ _____ (Number of claims) = _____ (Assessment credits per claim)

This is a fraction of a survey done on claims involving several recorded owners.

The dates listed on this form represent working time spent entirely within the limits of the above listed claims ☐ Check

If otherwise, please explain ..... Office days are spent off above listed claims .....

Dated: May 15/88 Signed: [signature]

Note: (A) * Complete only if applicable.
(B) Complete list of names, addresses and dates on reverse side.
(C) Submit separate breakdown for each type of survey.
(D) Submit in duplicate.

FIELD WORK

Type of Work	Name & Address	Dates Worked	Number of 8 hour days
IP Survey	Robert E. Gillick and Associates		
	4 man crew	13.5 days during	45.28
	114 Willingdon Dr.	March	
	North Bay, Ontario		

CONSULTANTS

Name & Address	Dates Worked (specify in field or office)		Number of 8 hour days
Robert J. Anderson, North Bay	March 12, 26	Field	
	March 4, April 25	Office	3.35
Robert E. Gillick, North Bay	May 1,2,3	Office	2.51

DRAUGHTSMAN, TYPING, OTHERS (specify)

Name & Address	Type of Work	Dates Worked	Number of 8 hour days
R. Cope	Draftsman	April 22,25,27	3.35
#501-5734 Yonge St.			
Willowdale, Ontario M2M 3T3			

TOTAL 8 HOUR TECHNICAL DAYS 54.5

LINE-CUTTING

Name	Address	Dates Worked	Number of 8 hour days

TOTAL 8 HOUR LINE-CUTTING DAYS _____

APPENDIX C

IP PSEUDOSECTIONS

2+00 W | 1+00 W | 0+00 | 1+00 E | 2+00 E

APPARENT CHARGEABILITY (M SEC.)

·1 ·1 ·0 ·0 ·0
·1 ·1 ·1 ·0 ·0 ·-3
·1 ·1 ·0 ·-1 ·-2 ·-1
·3 ·1 ·0 ·0 ·-2 ·0 ·-1
·2 ·1 ·1 ·-2 ·-1 ·-1 ·-2
·5 ·3 ·0 ·-1 ·0 ·-1 ·-1 ·-3
4 2

APPARENT RESISTIVITY (OHM-M)

·124 ·136 ·198 ·112 ·140
·191 ·190 ·201 ·199 ·261 ·253
250
·244 ·211 ·159 ·388 ·442 ·226
·281 ·256 ·148 ·285 ·583 ·337 ·298
·266 ·171 ·270 ·445 ·398 ·417 ·267
·352 ·160 ·262 ·398 ·295 ·531 ·409 ·416
250 250 .5K .5K

PARAMETERS

: DIPOLE / DIPOLE
PACING : 25 METRES
EPARATION : 1 -

BEDROCK ANOMALY

DEFINITE
PROBABLE
POSSIBLE

NO.	DESCRIPTION	DATE	DR. BY	APPR.

REVISIONS

CLIENT
GOLDEN PHEASANT RESOURCES LTD.

TITLE
I. P. SURVEY
LINE AT 2 S

SCALE:	DRN. BY:	APPR. BY:	DATE:	DRNG. NO.:
1 : 1250	R. C.		APR/88	1

JAMES WADE ENGINEERING LTD.

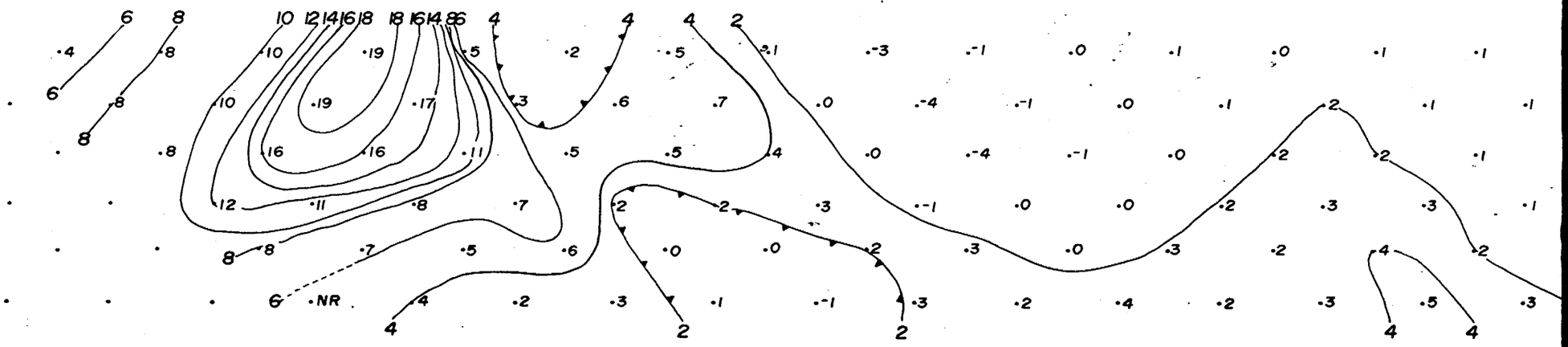
7+00 W

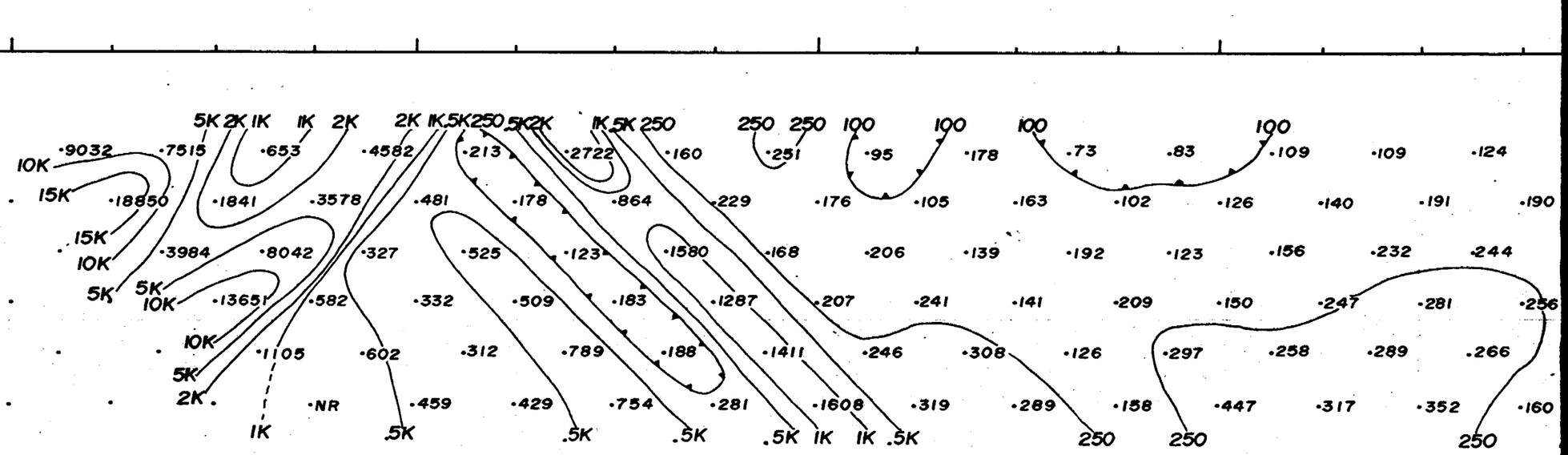
6+00 W

5+00 W

4+00 W

3+00 W





LEGEND

INSTRUMENTATION

RECEIVER : EDA IP-2 (TIME DOMAIN)

TRANSMITTER : PHOENIX IPT-1

Tx POWER : 1 k WATT

Tx DUTY CYCLE : 2 sec. on / 2 sec. off

ARRAY PARAMETER

MODE : DIPOLE

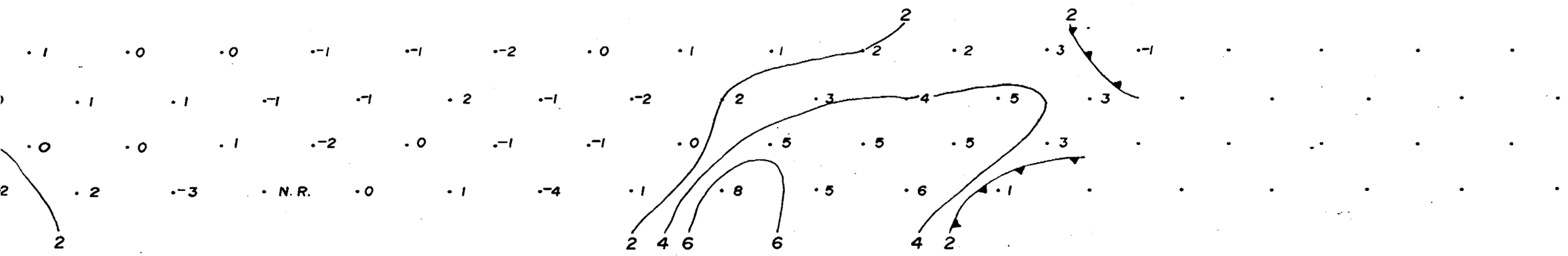
A-SPACING : 25

N-SEPARATION

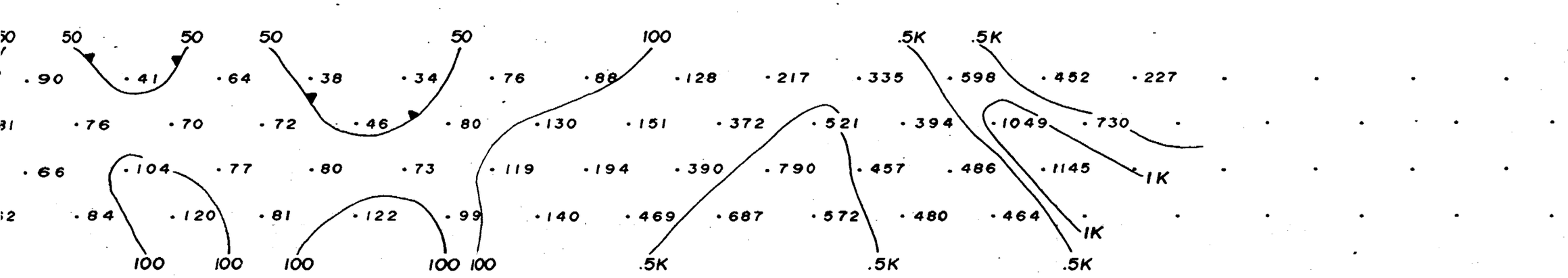
4+00E 5+00E 6+00E 7+00E 8+00E

APPARENT CHARGEABILITY (M SEC.)

( ) : NOISY READING



APPARENT RESISTIVITY (OHM-M)



RS

E / DIPOLE

5 METRES

N : 1-4

BEDROCK ANOMALY

- DEFINITE
- PROBABLE
- POSSIBLE

NO.	DESCRIPTION	DATE	DR. BY	APPR.

REVISIONS

CLIENT

GOLDEN PHEASANT RESOURCES LTD.

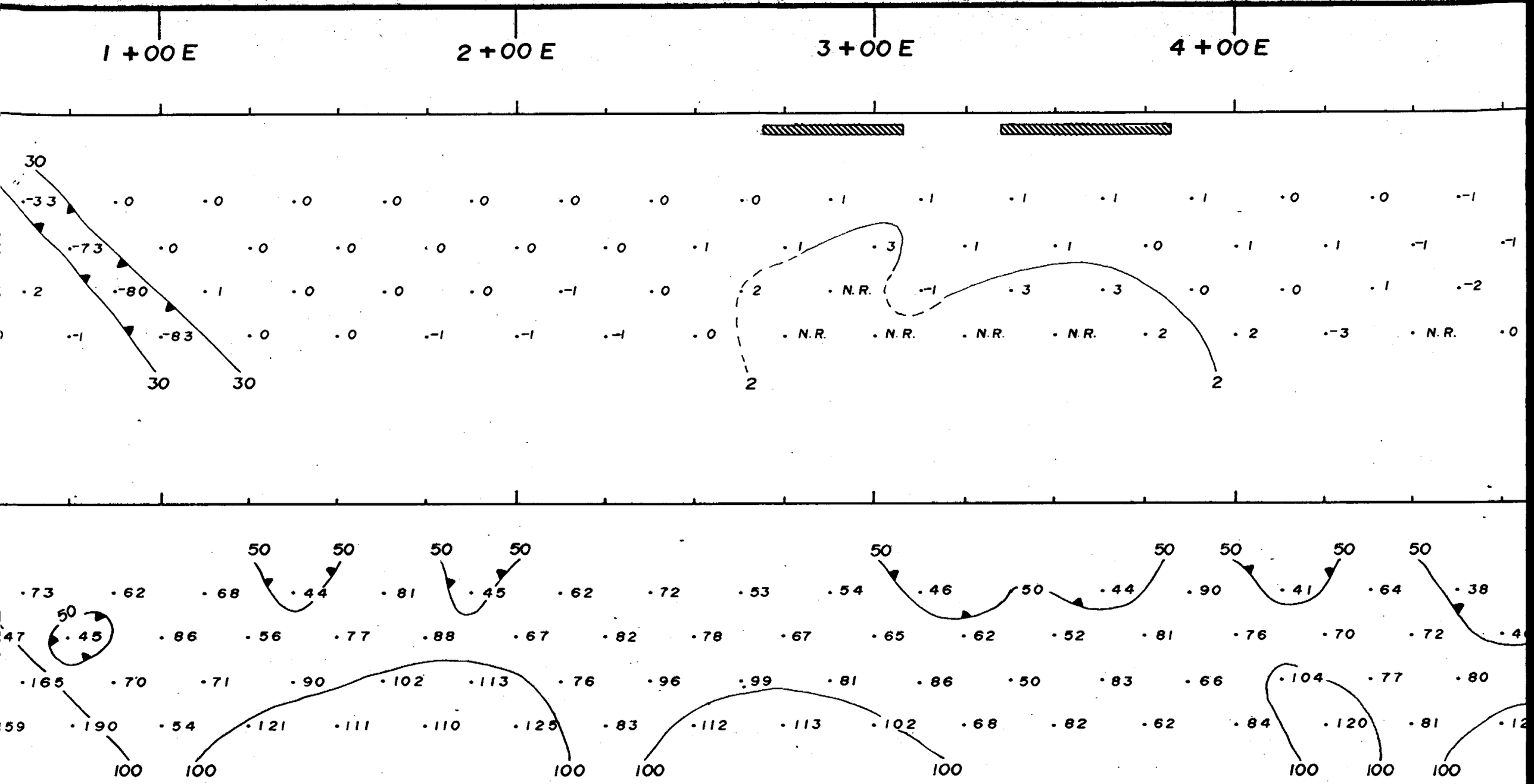
TITLE

I. P. SURVEY
LINE AT IN

SCALE:	DRN. BY:	APPR. BY:	DATE:	DRNG. NO.:
1 : 1250	R.C.		APR/88	2

JAMES WADE ENGINEERING Ltd.

Translar



LEGEND

INSTRUMENTATION

RECEIVER : EDA IP-2 (TIME DOMAIN)

TRANSMITTER : PHOENIX IPT-1

Tx POWER : 1 kWATT

Tx DUTY CYCLE : 2 sec. on / 2 sec. off

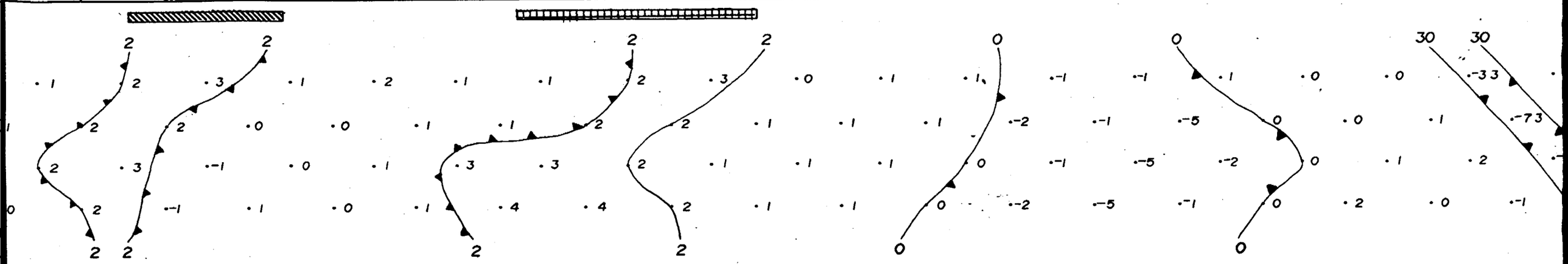
ARRAY PARAMETERS

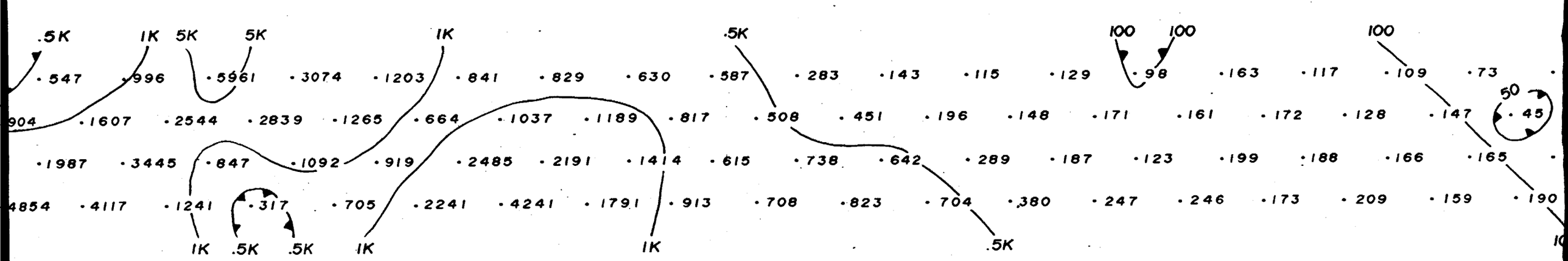
MODE : DIPOLE / DIPOLE

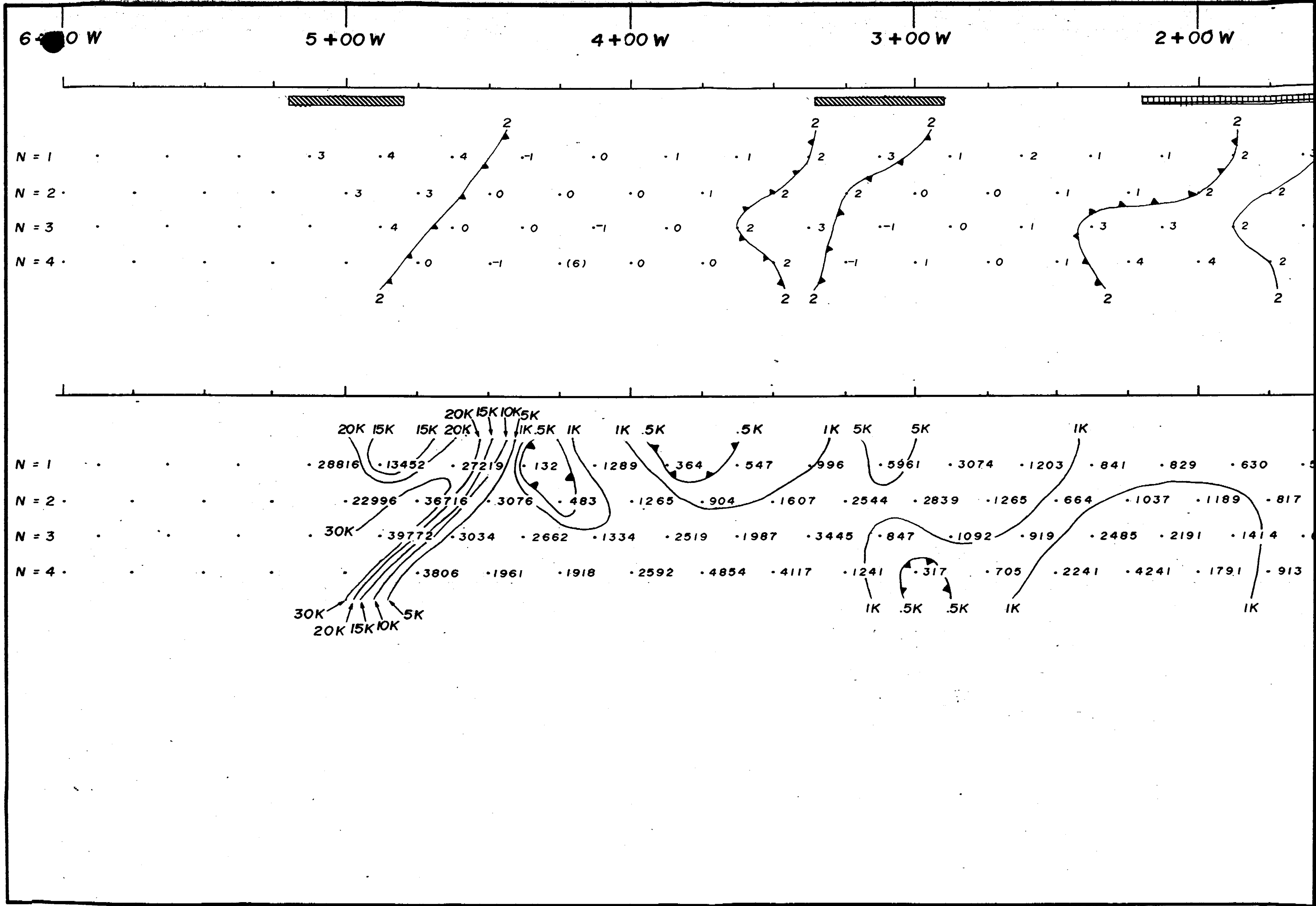
A-SPACING : 25 METRES

N-SEPARATION : 1-4

3+00 W 2+00 W 1+00 W 0+00 1



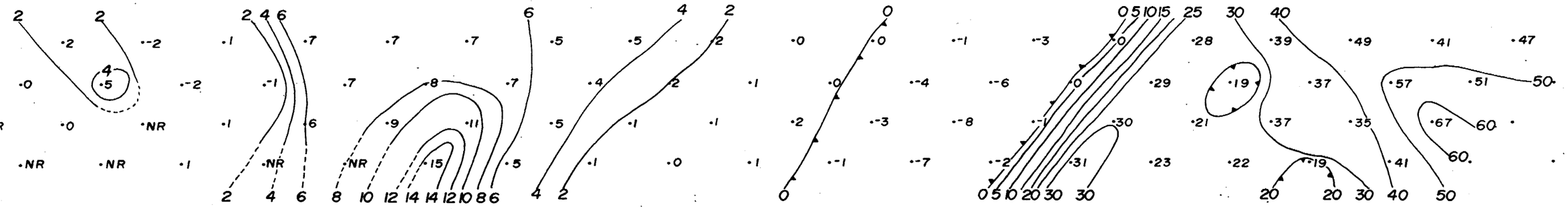




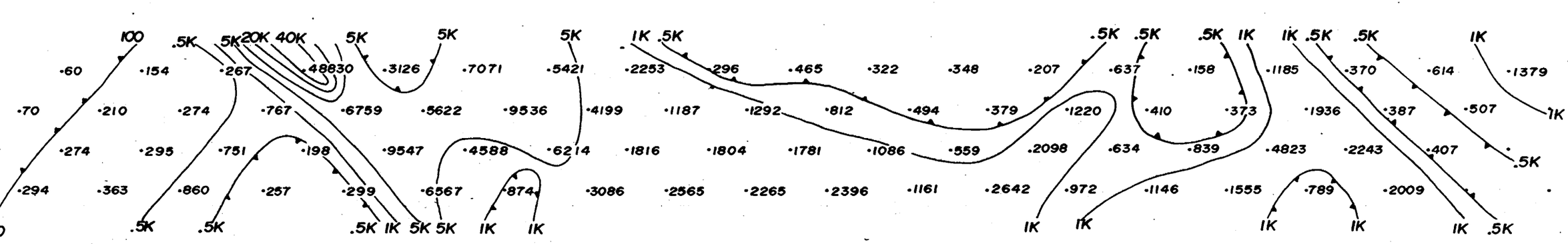
6+00 W
5+00 W
4+00 W
3+00 W
2+00 W
N = 1
N = 2
N = 3
N = 4
3 4 4 -1 0 1 1 2 3 1 2 1 1 2
3 3 0 0 0 1 2 2 0 0 1 1 2 2
4 0 0 -1 0 2 3 -1 0 1 3 3 2
0 -1 (6) 0 0 2 -1 1 0 1 4 4 2
2
20K 15K 15K 20K 20K 15K 10K 5K 1K .5K 1K 1K .5K .5K 1K 5K 5K 1K
28816 13452 27219 132 1289 364 547 996 5961 3074 1203 841 829 630
22996 36716 3076 483 1265 904 1607 2544 2839 1265 664 1037 1189 817
30K
39772 3034 2662 1334 2519 1987 3445 847 1092 919 2485 2191 1414
3806 1961 1918 2592 4854 4117 1241 317 705 2241 4241 1791 913
30K 20K 15K 10K 5K 1K .5K .5K 1K 1K

6+00 E | 7+00 E | 8+00 E | 9+00 E | 10+00 E

APPARENT CHARGEABILITY (M SEC.)



APPARENT RESISTIVITY (OHM-M)



ARRAY PARAMETERS

MODE : DIPOLE / DIPOLE

A-SPACING : 25 METRES

N-SEPARATION : 1 - 4

BEDROCK ANOMALY

- DEFINITE
- PROBABLE
- POSSIBLE

NO.	DESCRIPTION	DATE	DR. BY	APPR.
REVISIONS				

CLIENT

GOLDEN PHEASANT RESOURCES LTD.

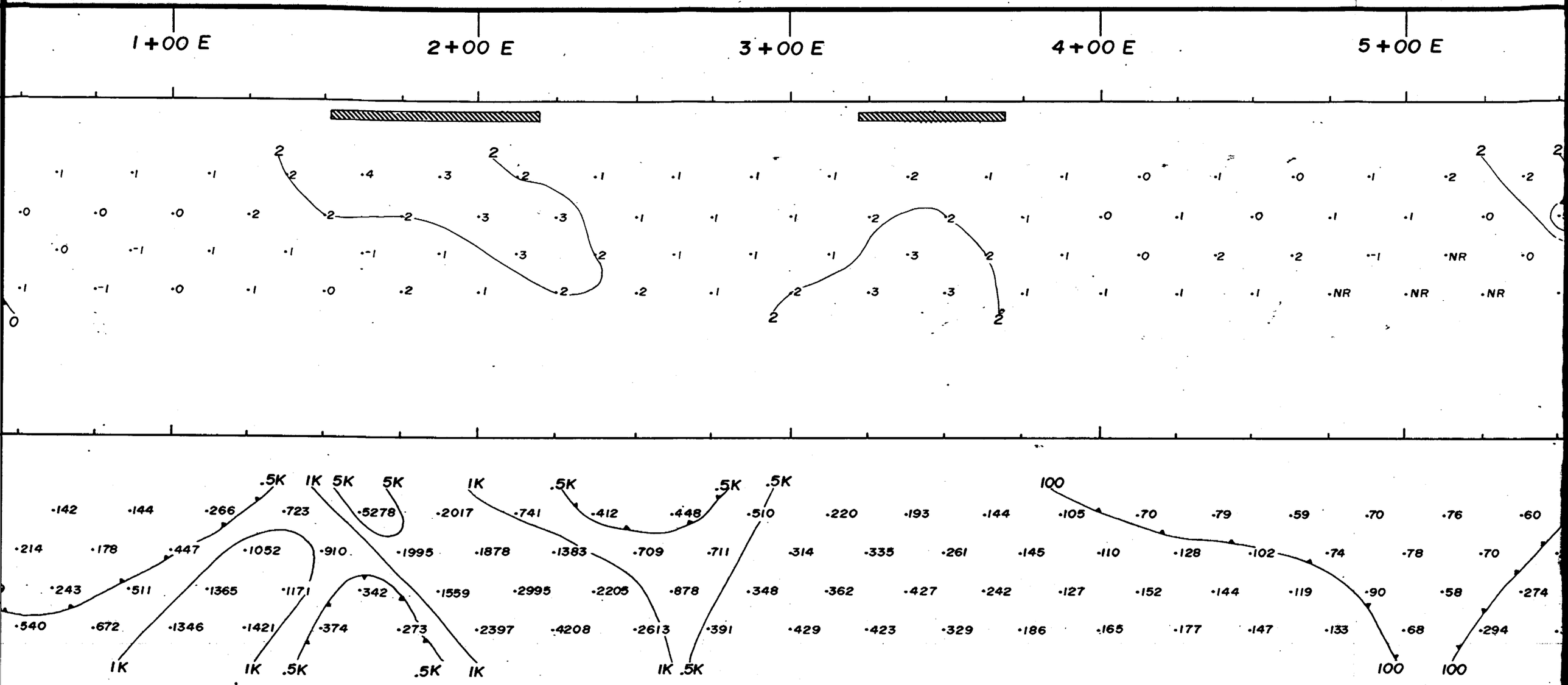
TITLE

I. P. SURVEY
LINE AT 3 N

SCALE:	DRN. BY:	APPR. BY:	DATE:	DRNG. NO.:
1 : 1250	R. C.		APR/88	3

JAMES WADE ENGINEERING Ltd.

Translar



LEGEND

INSTRUMENTATION

RECEIVER : EDA IP-2 (TIME DOMAIN)

TRANSMITTER : PHOENIX IPT-1

Tx POWER : 1 k WATT

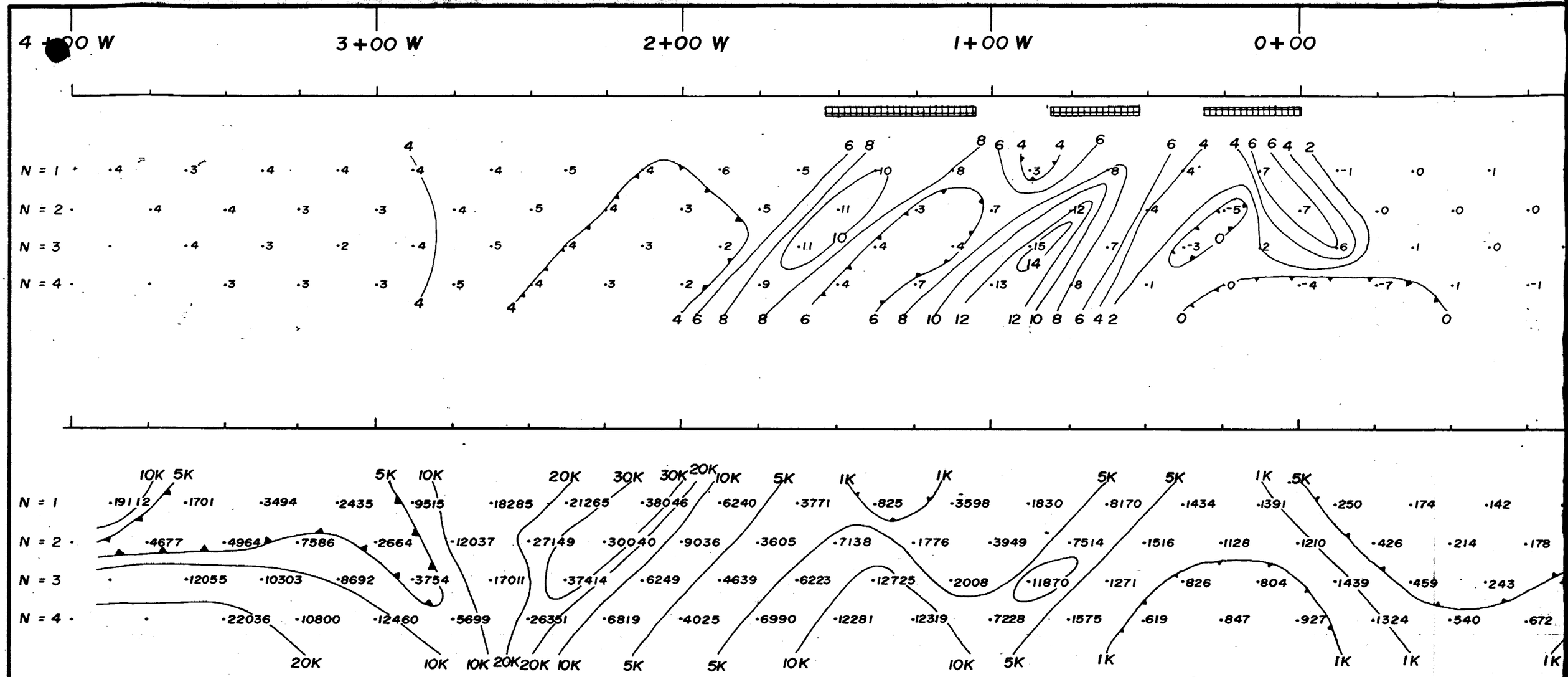
Tx DUTY CYCLE : 2 sec. on / 2 sec. off

ARRAY F

MODE

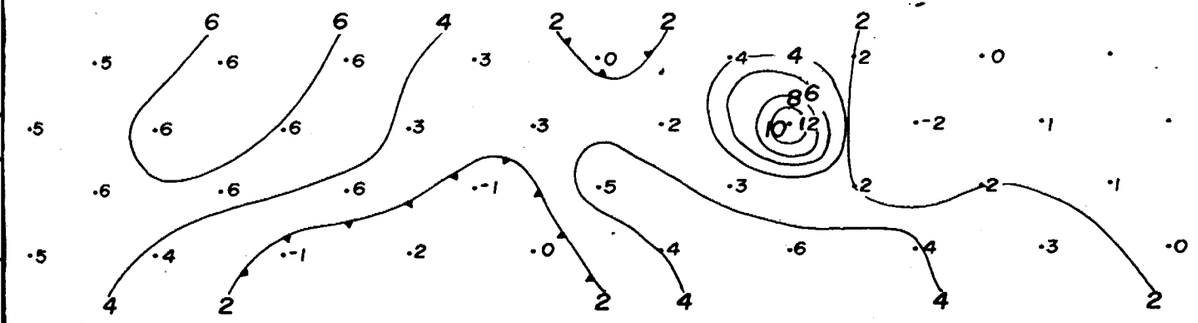
A-SP

N-SE

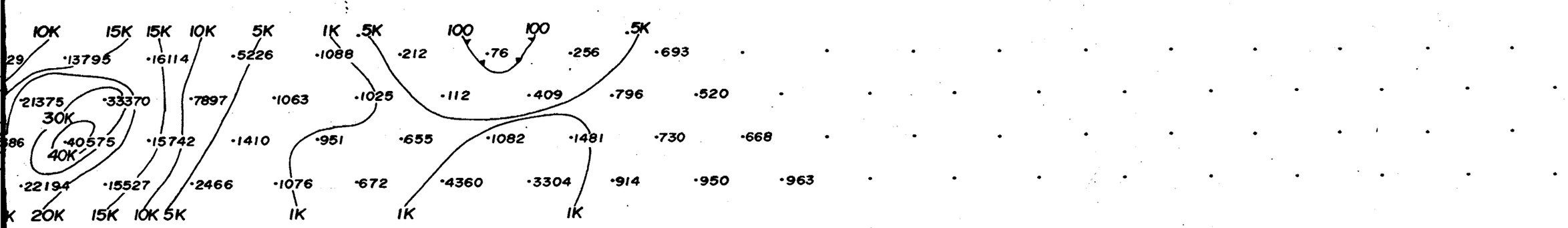

4+00 W
3+00 W
2+00 W
1+00 W
0+00
N = 1
N = 2
N = 3
N = 4
10K 5K
5K 10K
20K 30K 30K 20K 10K 5K 1K 1K
5K 5K 1K .5K
N = 1 ·19112 ·1701 ·3494 ·2435 ·9515 ·18285 ·21265 ·38046 ·6240 ·3771 ·825 ·3598 ·1830 ·8170 ·1434 ·1391 ·250 ·174 ·142
N = 2 ·4677 ·4964 ·7586 ·2664 ·12037 ·27149 ·30040 ·9036 ·3605 ·7138 ·1776 ·3949 ·7514 ·1516 ·1128 ·1210 ·426 ·214 ·178
N = 3 ·12055 ·10303 ·8692 ·3754 ·17011 ·37414 ·6249 ·4639 ·6223 ·12725 ·2008 ·11870 ·1271 ·826 ·804 ·1439 ·459 ·243
N = 4 ·22036 ·10800 ·12460 ·5699 ·26351 ·6819 ·4025 ·6990 ·12281 ·12319 ·7228 ·1575 ·619 ·847 ·927 ·1324 ·540 ·672
20K 10K 10K 20K 20K 10K 5K 5K 10K 10K 5K 1K 1K 1K

0+00 | 1+00 E | 2+00 E | 3+00 E | 4+00 E

APPARENT CHARGEABILITY (M SEC.)



APPARENT RESISTIVITY (OHM-M)



PARAMETERS

DE : DIPOLE / DIPOLE

SPACING : 25 METRES

SEPARATION : 1 - 4

BEDROCK ANOMALY

- DEFINITE
- PROBABLE
- POSSIBLE

NO.	DESCRIPTION	DATE	DR. BY	APPR.

REVISIONS

CLIENT

GOLDEN PHEASANT RESOURCES LTD.

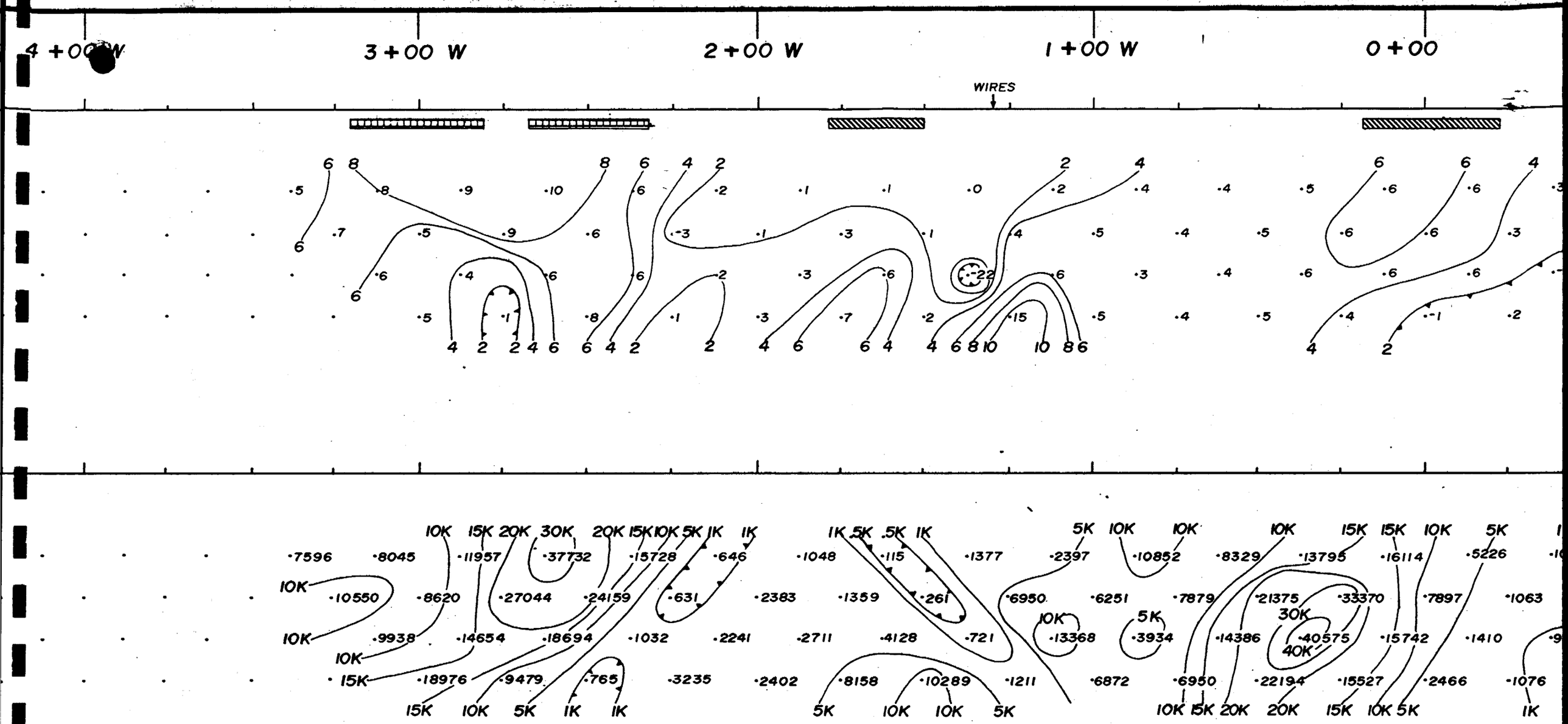
TITLE

I. P. SURVEY
LINE AT 5 N

SCALE:	DRN. BY:	APPR. BY:	DATE:	DRNG. NO.:
1 : 1250	R. C.		APR/88	4

JAMES WADE ENGINEERING Ltd.

Translar



LEGEND

INSTRUMENTATION

RECEIVER : EDA. IP-2 (TIME DOMAIN)

TRANSMITTER : PHOENIX IPT-1

Tx POWER : 1 kWATT

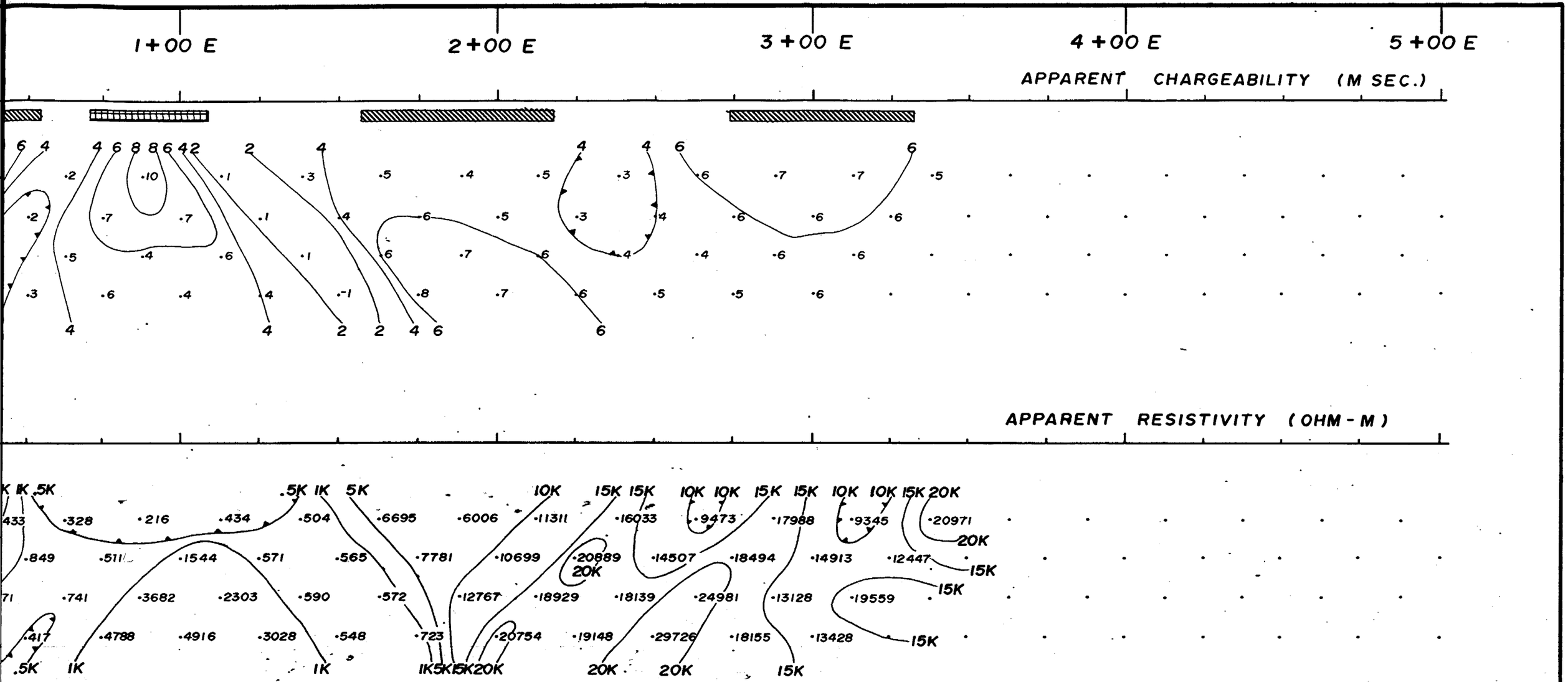
Tx DUTY CYCLE : 2 sec. on / 2 sec. off

ARRAY PARAMETERS

MODE : DIPOLE / DIPOLE

A-SPACING : 25 METRES

N-SEPARATION : 1 - 4



PARAMETERS

DE : DIPOLE / DIPOLE

SPACING : 25 METRES

SEPARATION : 1 - 4

BEDROCK ANOMALY

- DEFINITE
- PROBABLE
- POSSIBLE

NO.	DESCRIPTION	DATE	DR. BY	APPR.
REVISIONS				

CLIENT

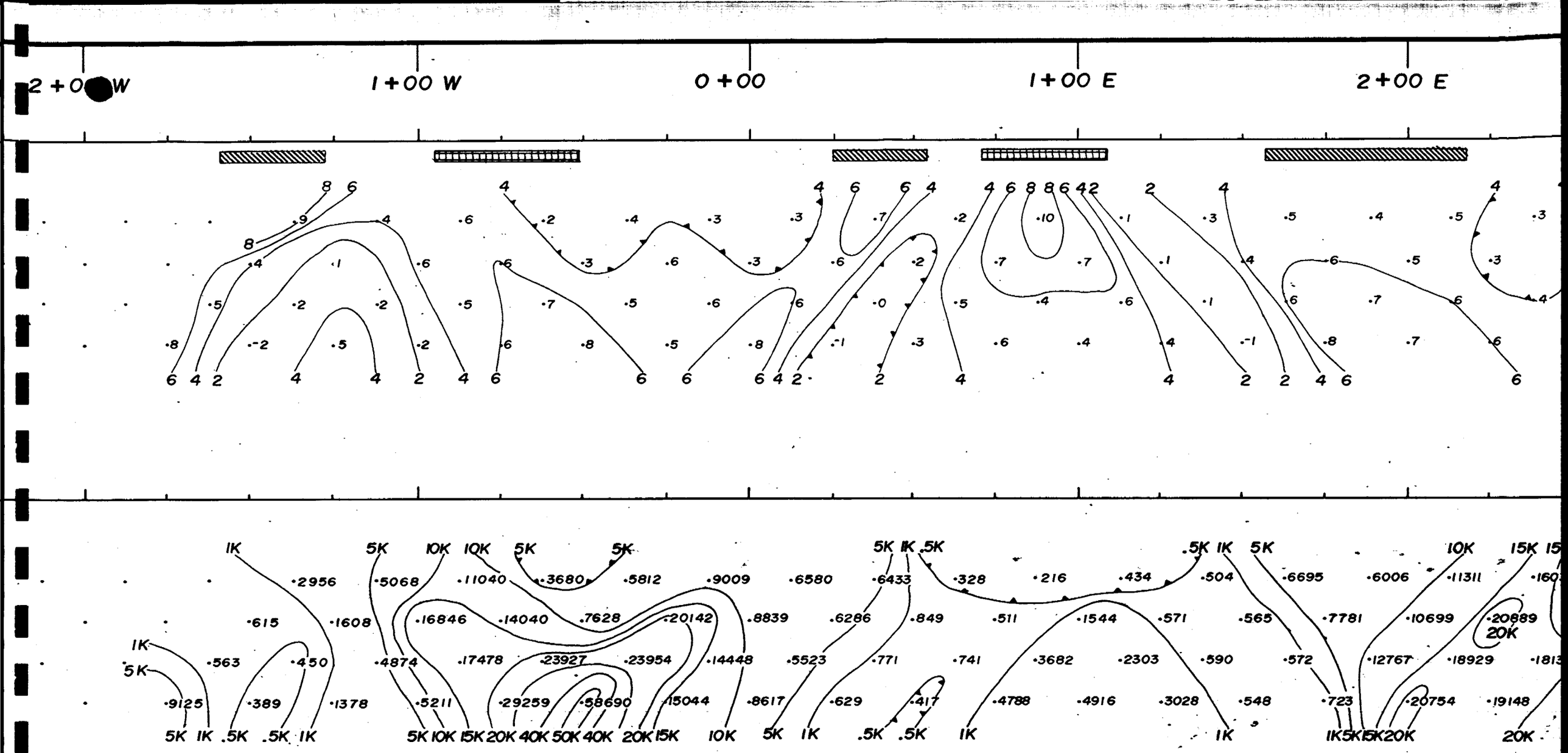
GOLDEN PHEASANT RESOURCES LTD.

TITLE

I. P. SURVEY
LINE AT 6 N

SCALE:	DRN. BY:	APPR. BY:	DATE:	DRNG. NO.:
1 : 1250	R. C.		APR/88	5

JAMES WADE ENGINEERING Ltd.



LEGEND

INSTRUMENTATION

RECEIVER : EDA IP-2 (TIME DOMAIN)

TRANSMITTER : PHOENIX IPT-1

Tx POWER : 1 k WATT

Tx DUTY CYCLE : 2 sec. on / 2 sec. off

ARRAY PARAMETERS

MODE : DIPOLE / DIPOLE

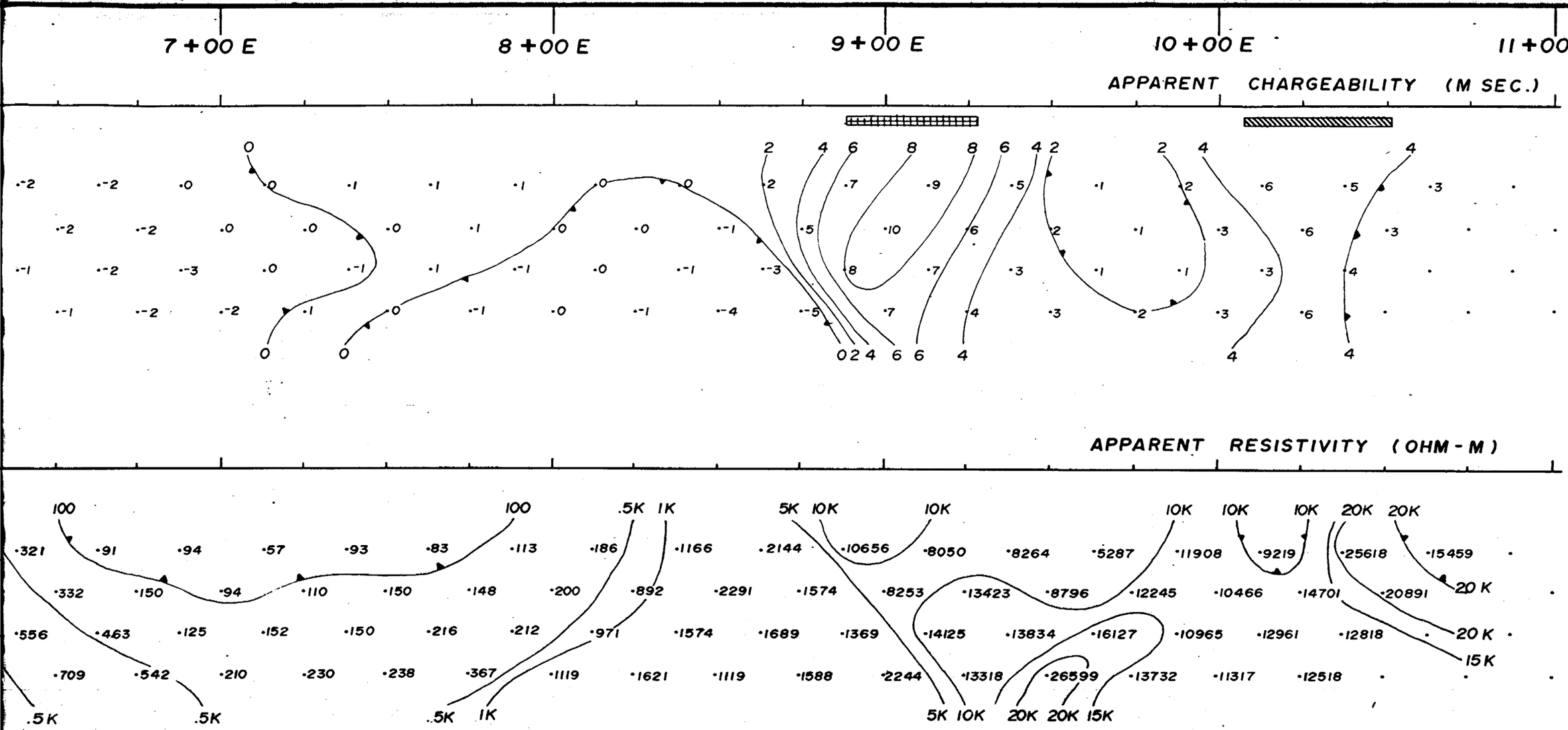
A-SPACING : 25 METRES

N-SEPARATION : 1 - 4

BEDROCK ANOMALY

- DEFINITE
- PROBABLE
- POSSIBLE

NO.	DESCRI



AY PARAMETERS

MODE : DIPOLE / DIPOLE

A-SPACING : 25 METRES

N-SEPARATION : 1 - 4

BEDROCK ANOMALY

- DEFINITE
- PROBABLE
- POSSIBLE

NO.	DESCRIPTION	DATE	DR. BY	APPR.

REVISIONS

CLIENT

GOLDEN PHEASANT RESOURCES LTD.

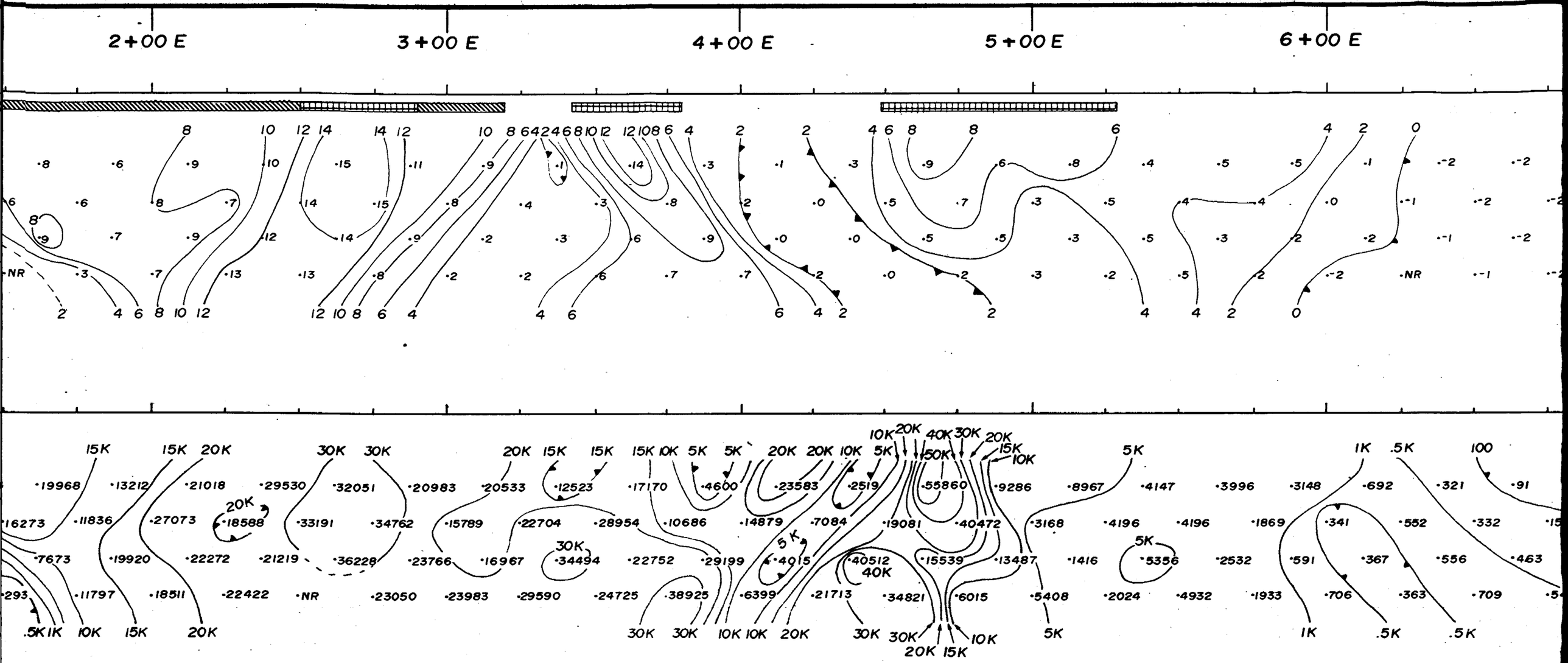
TITLE

I. P. SURVEY
LINE AT 7 N

SCALE:	DRN. BY:	APPR. BY:	DATE:	DRNG. NO.:
1 : 1250	R. C.		APR/88	6

JAMES WADE ENGINEERING Ltd.

Translar



LEGEND

INSTRUMENTATION

RECEIVER : EDA IP-2 (TIME DOMAIN)

TRANSMITTER : PHOENIX IPT-1

Tx POWER : 1 k WATT

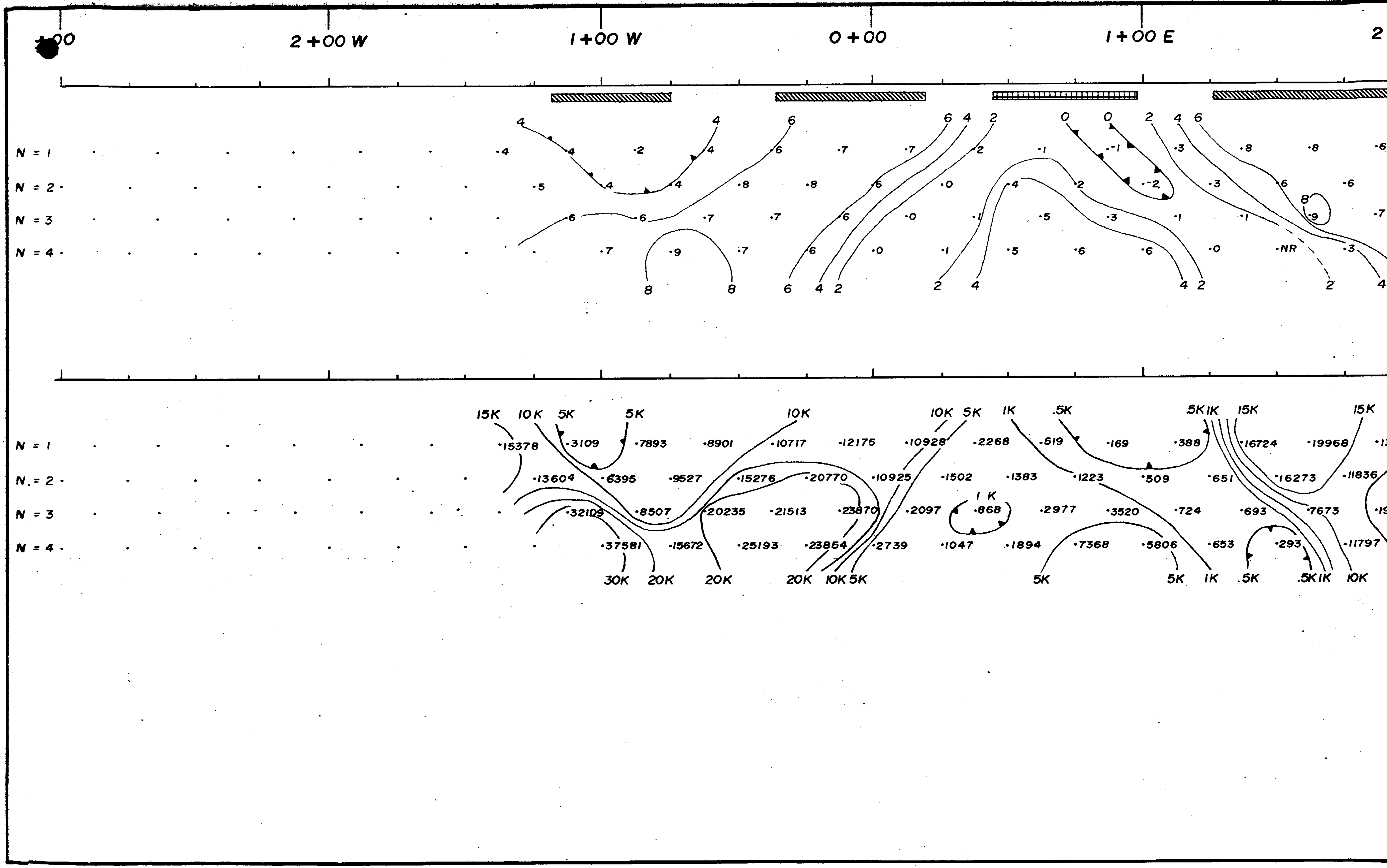
Tx DUTY CYCLE : 2 sec. on / 2 sec. off

ARRAY PARAMETE

MODE : DIPOL

A-SPACING : 2

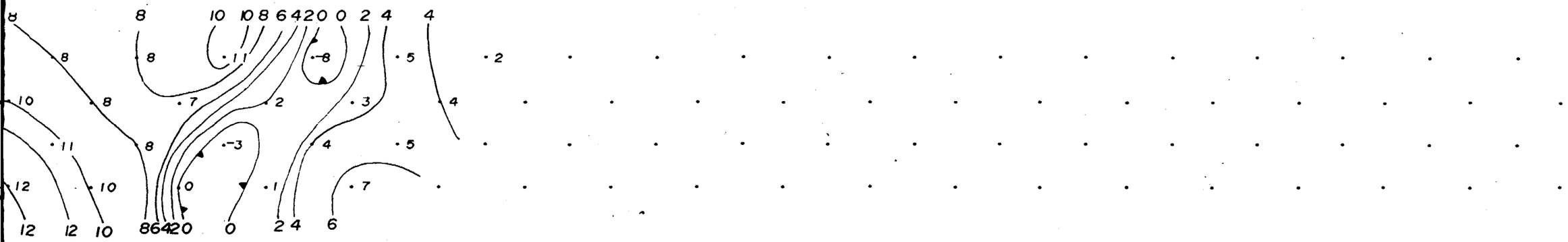
N-SEPARATIO



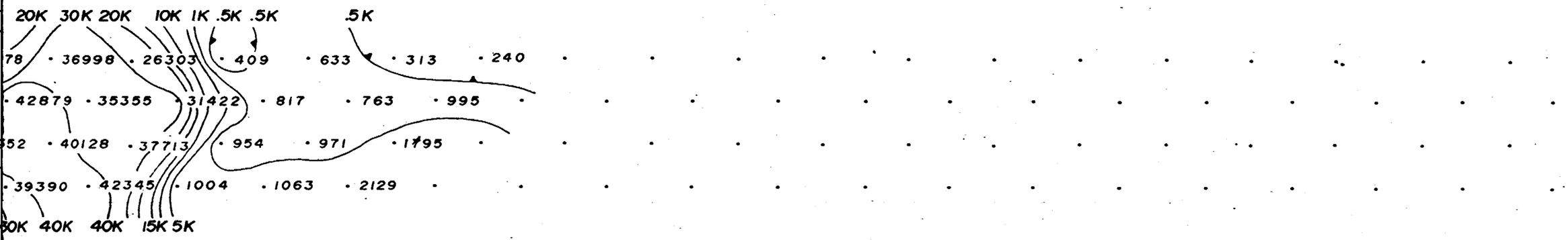
2+00 W
1+00 W
0+00
1+00 E
N = 1
N = 2
N = 3
N = 4
4 4 6 6 4 2 0 0 2 4 6
4 2 4 6 7 7 2 1 -1 3 8 8 6
5 4 4 8 8 6 0 4 2 -2 3 6 6
6 6 7 7 6 0 1 5 3 1 1 9 7
7 9 7 6 0 1 5 6 6 0 NR 3
8 8 6 4 2 2 4 4 2 2 4
15K 10K 5K 5K 10K 10K 5K 1K .5K 5K 1K 15K 15K
15378 3109 7893 8901 10717 12175 10928 2268 519 169 388 16724 19968
13604 6395 9527 15276 20770 10925 1502 1383 1223 509 651 16273 11836
32109 8507 20235 21513 23870 2097 868 2977 3520 724 693 7673
1K
37581 15672 25193 23854 2739 1047 1894 7368 5806 653 293 11797
30K 20K 20K 20K 10K 5K 5K 5K 1K .5K .5K 1K 10K

3 +00 E | 4 +00 E | 5 +00 E | 6 +00 E | 7 +00 E

APPARENT CHARGEABILITY (M SEC.)



APPARENT RESISTIVITY (OHM-M)



PARAMETERS

: DIPOLE / DIPOLE

PACING : 25 METRES

EPARATION : 1 - 4

BEDROCK ANOMALY

- DEFINITE
- PROBABLE
- POSSIBLE

NO.	DESCRIPTION	DATE	DR. BY	APPR.
REVISIONS				

CLIENT

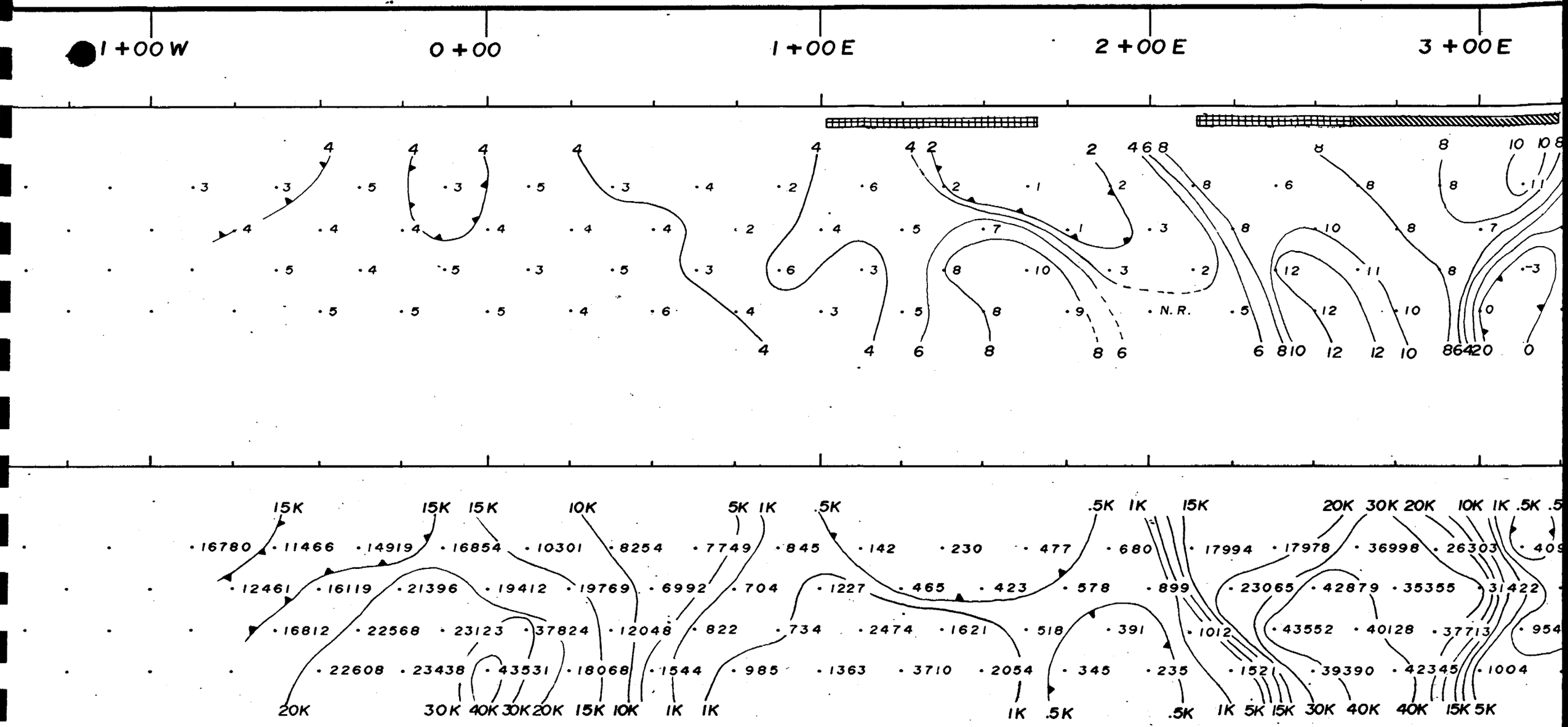
GOLDEN PHEASANT RESOURCES LTD.

TITLE

I. P. SURVEY
LINE AT 8N

SCALE:	DRN. BY:	APPR. BY:	DATE:	DRNG. NO.:
1 : 1250	R. C.		APR/88	7

JAMES WADE ENGINEERING Ltd.



LEGEND

INSTRUMENTATION

RECEIVER : EDA IP-2 (TIME DOMAIN)

TRANSMITTER : PHOENIX IPT-1

Tx POWER : 1 kWATT

Tx DUTY CYCLE : 2 sec. on / 2 sec. off

ARRAY PARAMETERS

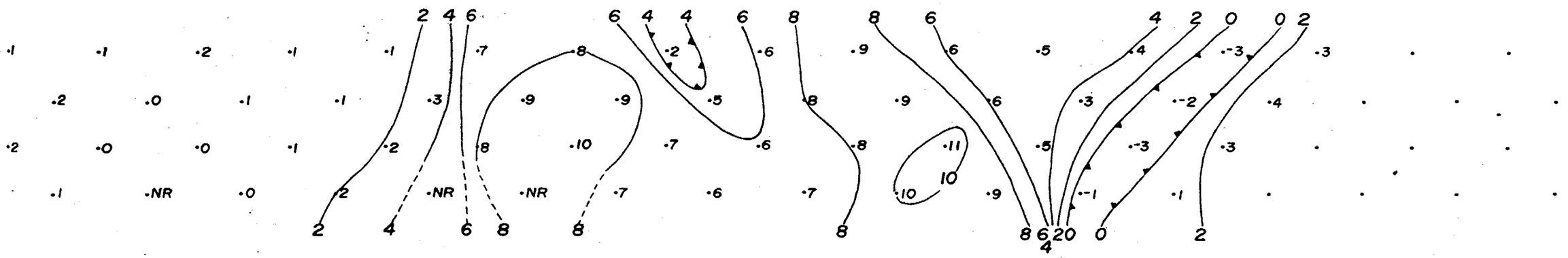
MODE : DIPOLE / DIPOLE

A-SPACING : 25 METRES

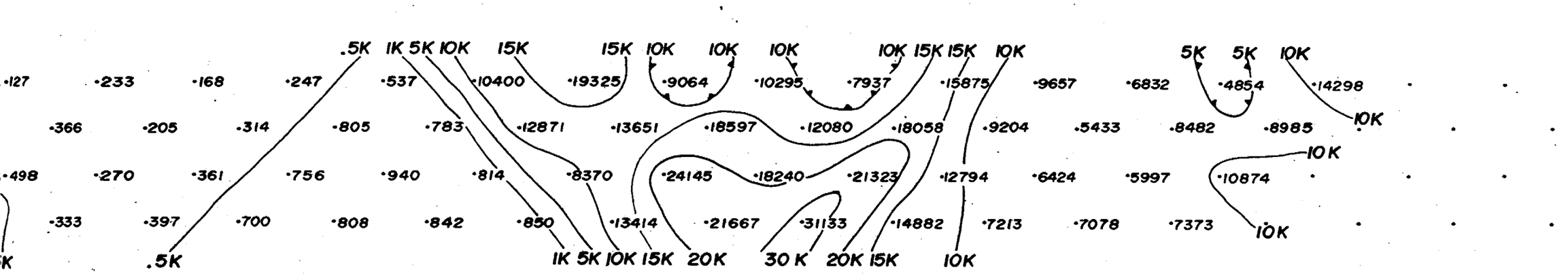
N-SEPARATION : 1 - 4

8+00 E | 9+00 E | 10+00 E | 11+00 E | 12+00 E

APPARENT CHARGEABILITY (M SEC.)



APPARENT RESISTIVITY (OHM-M)



BEDROCK ANOMALY

- DEFINITE
- PROBABLE
- POSSIBLE

DIPOLE

METRES

1 - 4

No.	DESCRIPTION	DATE	DR. BY	APPR.

REVISIONS

CLIENT

GOLDEN PHEASANT RESOURCES LTD.

TITLE

I. P. SURVEY
LINE AT 9 N

SCALE:	DRN. BY:	APPR. BY:	DATE:	DRNG. NO.:
1:1250	R. C.		APR/88	8

JAMES WADE ENGINEERING Ltd.

4+00 E

5+00 E

6+00 E

7+00 E

8+00 E

9+

·1 ·0 ·1 ·0 ·1 ·2 ·1 ·2 ·1 ·1 ·1 ·1 ·0 ·1 ·1 ·1 ·1 ·1 ·2 ·1 ·1

·0 ·0 ·0 ·0 ·0 ·0 ·1 ·1 ·0 ·1 ·1 ·2 ·1 ·1 ·1 ·1 ·2 ·0 ·1 ·1

·0 ·0 ·0 ·-1 ·0 ·1 ·1 ·0 ·1 ·1 ·1 ·1 ·1 ·1 ·1 ·2 ·2 ·0 ·0 ·1 ·2

·0 ·0 ·0 ·-1 ·0 ·-1 ·0 ·1 ·1 ·2 ·1 ·1 ·1 ·0 ·1 ·2 ·1 ·NR ·0 ·2

2 4

10.0 10.0 10.0 .5K 1K

100 100 100

·84 ·55 ·61 ·56 ·80 ·79 100 ·149 ·103 ·66 ·85 ·91 ·142 ·211 ·141 ·147 ·127 ·233 ·168 ·247 ·5

·107 ·80 ·75 ·108 ·187 ·111 ·208 ·225 ·155 ·147 ·134 ·201 ·195 ·164 ·248 ·223 ·366 ·205 ·314 ·805

·132 ·150 ·107 ·131 ·262 ·222 ·209 ·278 ·255 ·276 ·284 ·242 ·241 ·128 ·211 ·322 ·498 ·270 ·361 ·756 ·9

·212 ·195 ·186 ·319 ·291 ·334 ·246 ·266 ·381 ·376 ·455 ·258 ·142 ·146 ·258 ·715 ·333 ·397 ·700 ·808

.5K .5K .5K

LEGEND

INSTRUMENTATION

RECEIVER : EDA IP-2 (TIME DOMAIN)

TRANSMITTER : PHOENIX IPT-1

Tx POWER : 1 k WATT

Tx DUTY CYCLE : 2 sec. on / 2 sec. off

ARRAY PARAMETERS

MODE : DIPOLE / DIPOLE

A-SPACING : 25 METRES

N-SEPARATION : 1-4

BEDROC

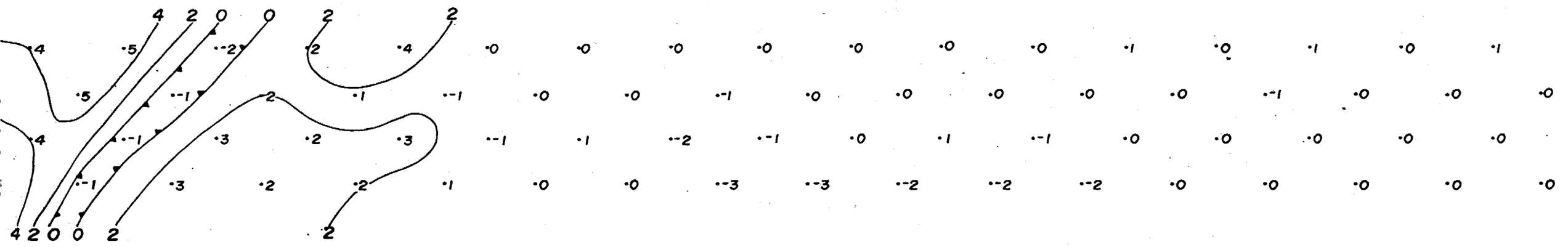
- DE
- PR
- PO

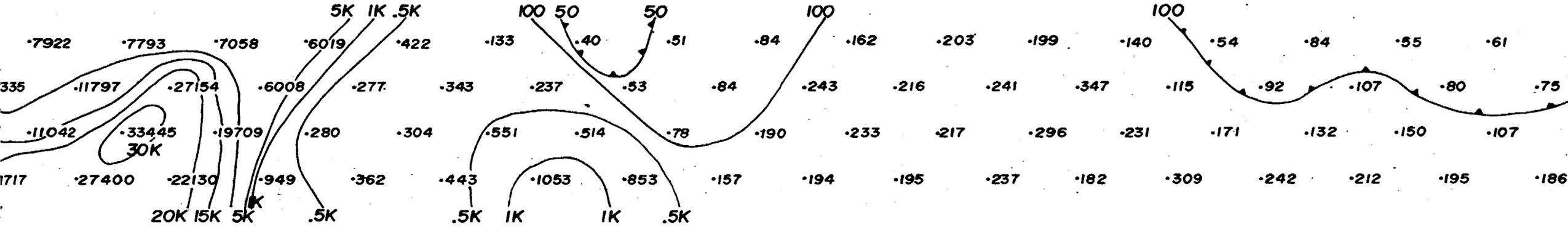
1+00 E

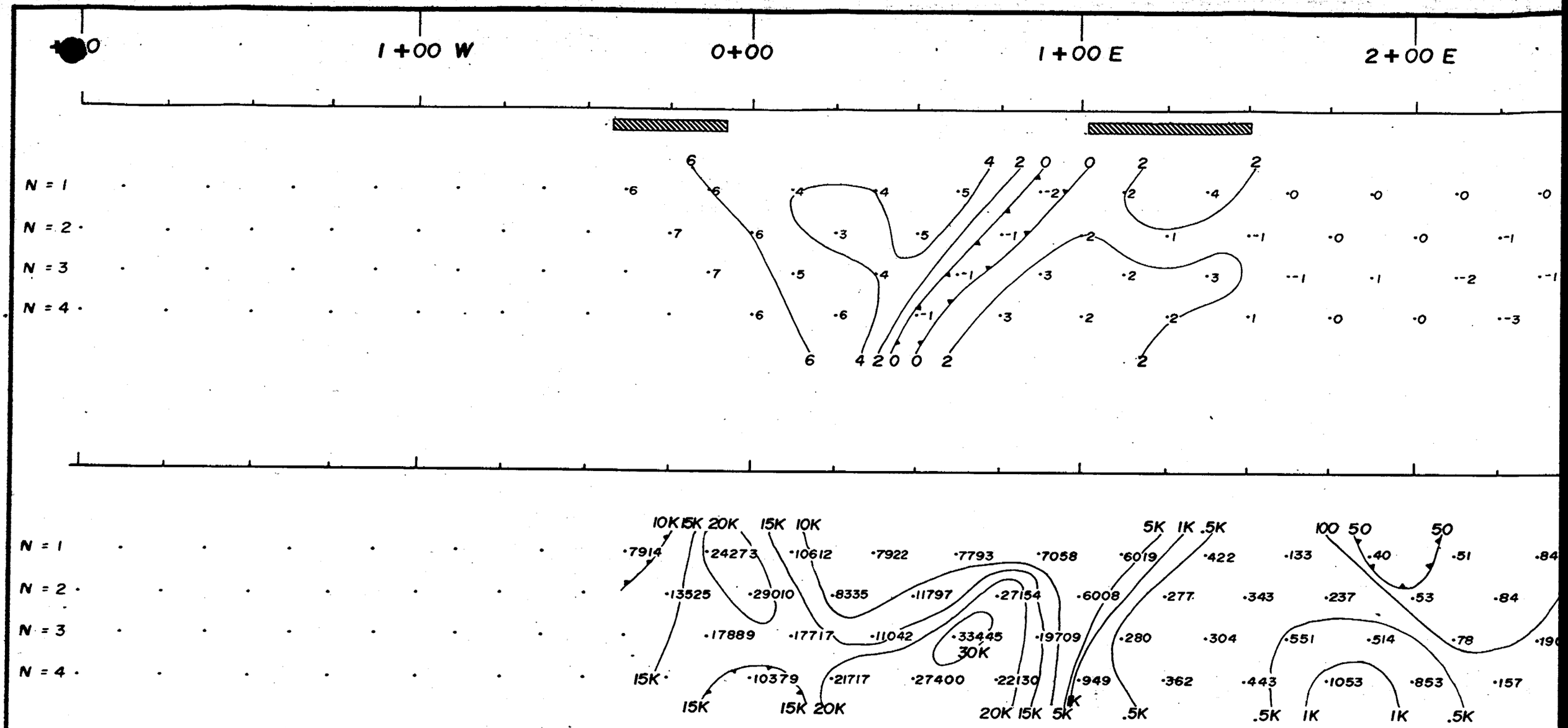
2+00 E

3+00 E

4+00 E

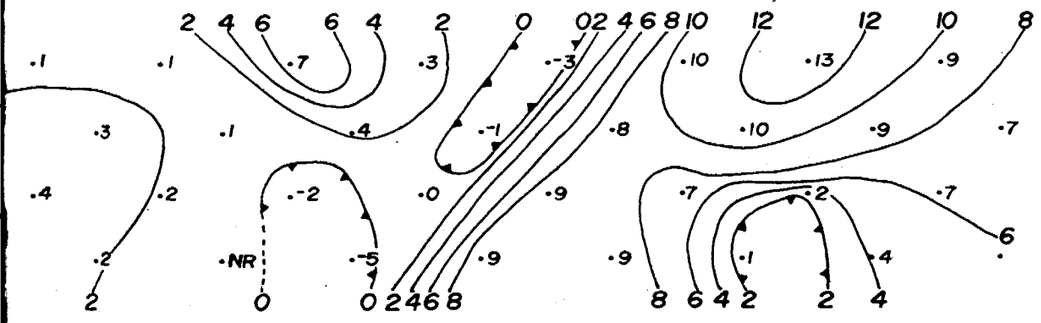




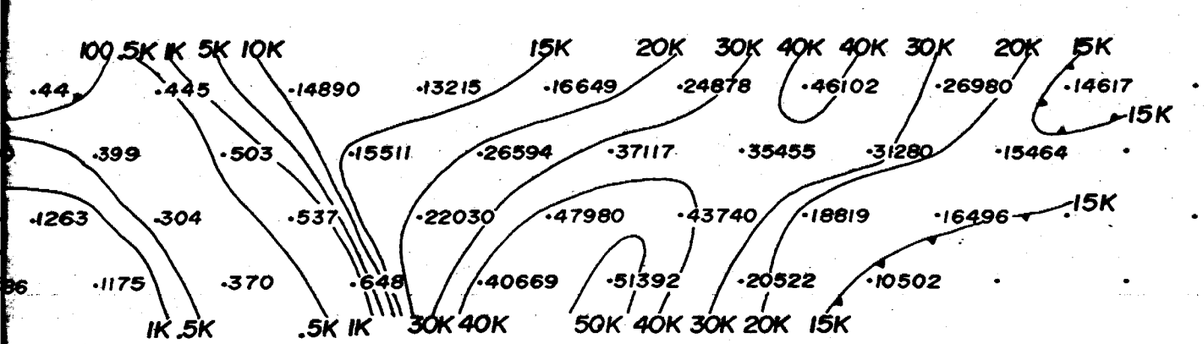

0
1+00 W
0+00
1+00 E
2+00 E
N = 1
N = 2
N = 3
N = 4
6 6 ·6 ·4 4 ·5 4 2 0 ·-2 0 2 ·4 2 ·0 ·0 ·0 ·0
·7 6 ·3 ·5 ·-1 ·2 ·1 ·-1 ·0 ·0 ·-1
·7 ·5 4 ·-1 ·3 ·2 ·3 ·-1 ·1 ·-2 ·-1
·6 ·6 ·-1 ·3 ·2 ·2 ·1 ·0 ·0 ·-3
6 4 2 0 0 2 2
10K 15K 20K 15K 10K 5K 1K .5K 100 50 50
·7914 ·24273 ·10612 ·7922 ·7793 ·7058 ·6019 ·422 ·133 ·40 ·51 ·84
·13525 ·29010 ·8335 ·11797 ·27154 ·6008 ·277 ·343 ·237 ·53 ·84
·17889 ·17717 ·11042 ·33445 ·19709 ·280 ·304 ·551 ·514 ·78
30K
15K ·10379 ·21717 ·27400 ·22130 ·949 ·362 ·443 ·1053 ·853 ·157
15K 15K 20K 20K 15K 5K .5K .5K 1K 1K .5K

1+00 E | 2+00 E | 3+00 E | 4+00 E | 5+00 E

APPARENT CHARGEABILITY (M SEC.)



APPARENT RESISTIVITY (OHM-M)



RAMETERS

DIPOLE / DIPOLE

ING : 25 METRES

ARATION : 1 - 4

BEDROCK ANOMALY

- DEFINITE
- PROBABLE
- POSSIBLE

NO.	DESCRIPTION	DATE	DR. BY	APPR.

REVISIONS

CLIENT

GOLDEN PHEASANT RESOURCES LTD.

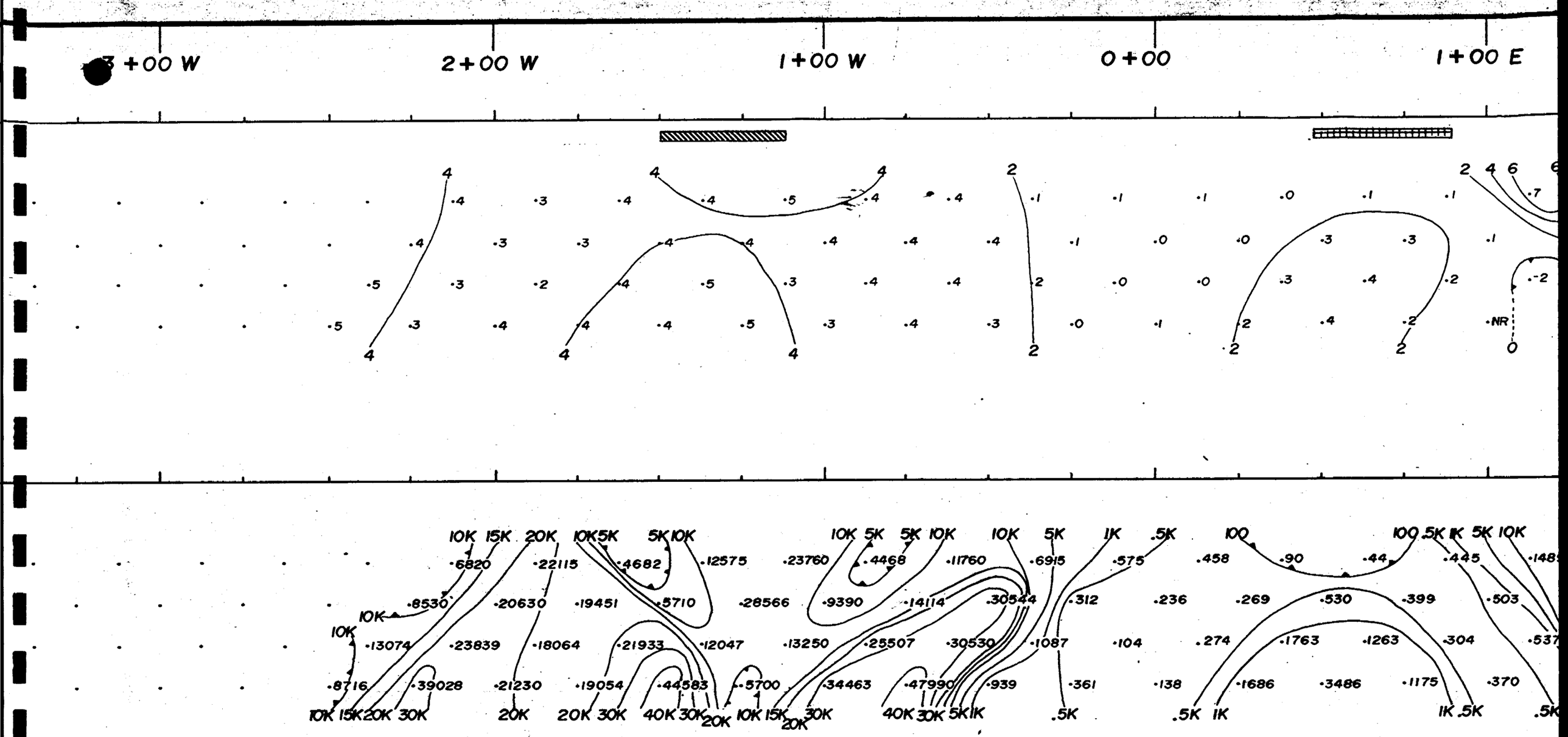
TITLE

I. P. SURVEY
LINE AT 12 N

SCALE:	DRN. BY:	APPR. BY:	DATE:	DRNG. NO.:
1 : 1250	R. C.		APR/88	9

JAMES WADE ENGINEERING Ltd.

Transfer



LEGEND

INSTRUMENTATION

RECEIVER : EDA IP-2 (TIME DOMAIN)

TRANSMITTER : PHOENIX IPT-1

Tx POWER : 1 k WATT

Tx DUTY CYCLE : 2 sec. on / 2 sec. off

ARRAY PARAMETERS

MODE : DIPOLE / DIPOLE

A-SPACING : 25 METRES

N-SEPARATION : 1 - 4

2+00E 3+00E 4+00E 5+00E

APPARENT CHARGEABILITY (M SEC.)

( ): NOISY READING

APPARENT RESISTIVITY (OHM-M)

BEDROCK ANOMALY

- DEFINITE
- PROBABLE
- POSSIBLE

NO.	DESCRIPTION	DATE	DR. BY	APPR.
REVISIONS				

CLIENT

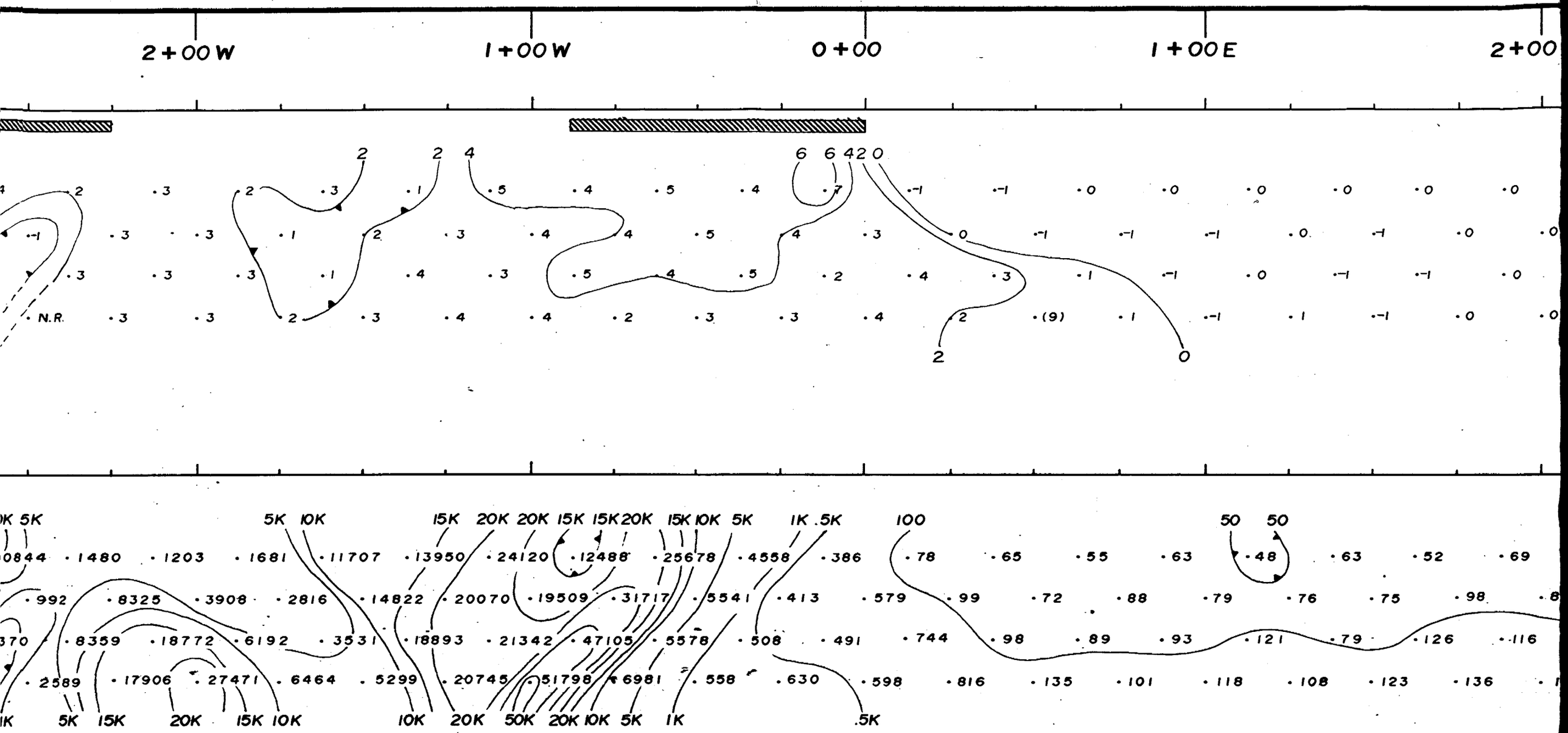
GOLDEN PHEASANT RESOURCES LTD.

TITLE

I. P. SURVEY
LINE AT 14N

SCALE:	DRN. BY:	APPR. BY:	DATE:	DRNG. NO.:
1:1250	R. C.		APR/88	10

JAMES WADE ENGINEERING LTD.



LEGEND

INSTRUMENTATION

RECEIVER : EDA IP-2 (TIME DOMAIN)

TRANSMITTER : PHOENIX IPT-1

Tx POWER : 1 kWATT

Tx DUTY CYCLE : 2 sec. on / 2 sec. off

ARRAY PARAMETERS

MODE : DIPOLE / DIPOLE

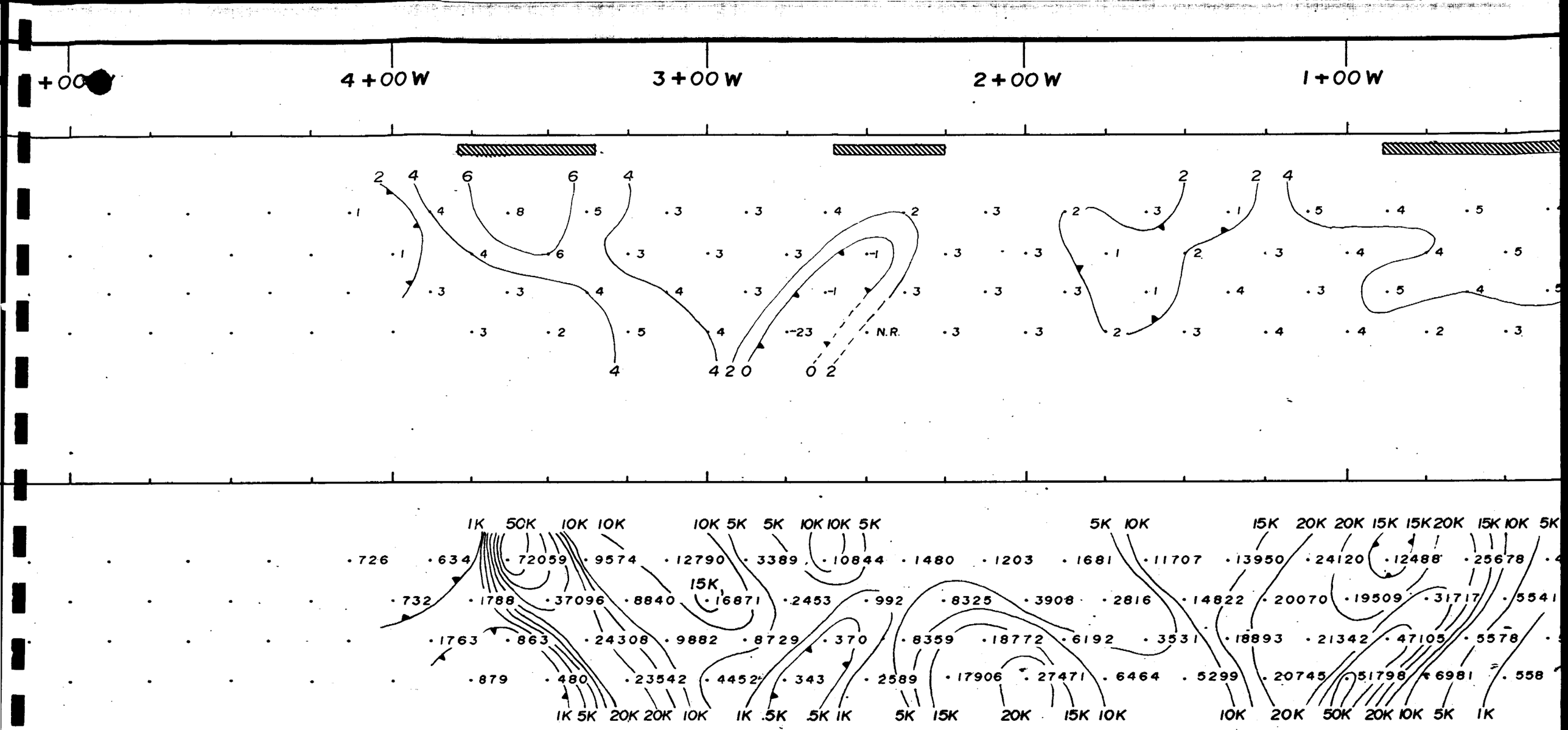
A-SPACING : 25 METRES

N-SEPARATION : 1 - 4

BEDROCK ANO

- DEFINITE
- PROBABLE
- POSSIBLE

No.



LEGEND

INSTRUMENTATION

RECEIVER : EDA IP-2 (TIME DOMA

TRANSMITTER : PHOENIX IPT-1

Tx POWER : 1 k WATT

Tx DUTY CYCLE : 2 sec. on / 2 sec.

1+00 W | 0+00 | 1+00 E | 2+00 E | 3+00 E

APPARENT CHARGEABILITY (M SEC.)

( ) : NOISY READING

	.4		.5		.3		.4		.4											
		.5		.3		.5		.3		(4)										
	.5		.4		.5		.3		(8)											
		.4		.5		(7)		(5)												

APPARENT RESISTIVITY (OHM-M)

K		20K		20K				20K	10K	5K	IK									
	.26511		.14609		.22266		.23155		.550											
1267		.22265		.23187		.42026		.730		.500										
	20K																			
	.16541		.33207		.43504		.1284		.521											
8416		.24246		.55179		.1281		.792												
	30K		30K		50K	40K	5K		IK											

RAMETERS

DIPOLE / DIPOLE

CING : 25 METRES

ARATION : 1 - 4

BEDROCK ANOMALY

- DEFINITE
- PROBABLE
- POSSIBLE

NO.	DESCRIPTION	DATE	DR. BY	APPR.
REVISIONS				

CLIENT

GOLDEN PHEASANT RESOURCES LTD.

TITLE

I. P. SURVEY
LINE AT 15N

SCALE:	DRN. BY:	APPR. BY:	DATE:	DRNG. NO.:
1 : 1250	R. C.		APR/88	11

JAMES WADE ENGINEERING LTD.

6 +00 W

5 +00 W

4 +00 W

3 +00 W

2 +00 W

1

REPEATABLE

LEGEND

INSTRUMENTATION

RECEIVER : EDA IP-2 (TIME DOMAIN)

TRANSMITTER : PHOENIX IPT-1

Tx POWER : 1 kWATT

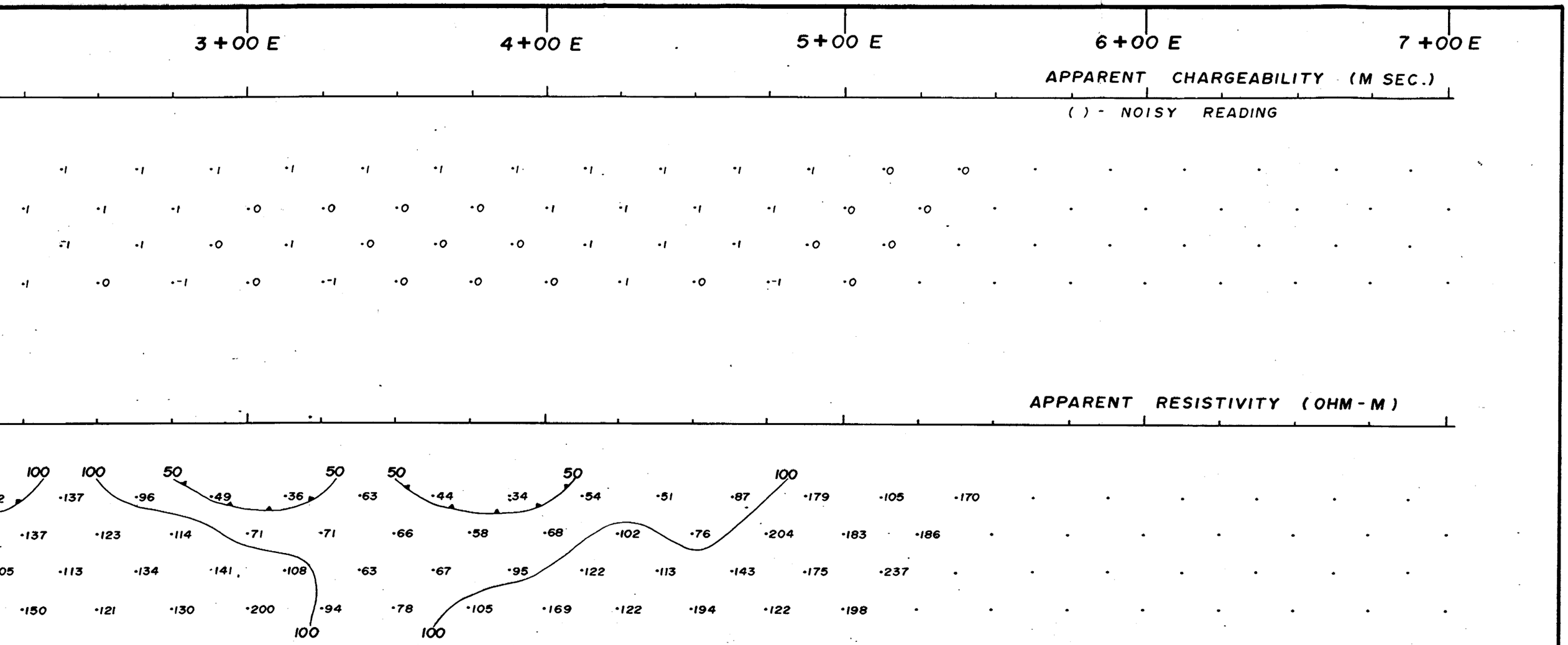
Tx DUTY CYCLE : 2 sec. on / 2 sec. off

ARRAY PARAMETERS

MODE : DIPOLE/

A-SPACING : 25

N-SEPARATION :



ARRAY PARAMETERS

MODE : DIPOLE / DIPOLE

A - SPACING : 25 METRES

N - SEPARATION : 1 - 4

BEDROCK ANOMALY

- DEFINITE
- PROBABLE
- POSSIBLE

NO.	DESCRIPTION	DATE	DR. BY	APPR.

REVISIONS

CLIENT

GOLDEN PHEASANT RESOURCES LTD.

TITLE

I. P. SURVEY
LINE AT 16 N

SCALE:	DRN. BY:	APPR. BY:	DATE:	DRNG. NO.:
1 : 1250	R. C.		APR/88	12

JAMES WADE ENGINEERING Ltd.

2+00 W

1+00 W

0+00

1+00 E

2+00 E

REPEATABLE AND STABLE ON ALL DIPOLES

LEGEND

INSTRUMENTATION

RECEIVER : EDA IP-2 (TIME DOMAIN)

TRANSMITTER : PHOENIX IPT-1

Tx POWER : 1 kWATT

Tx DUTY CYCLE : 2 sec. on / 2 sec. off

ARRAY PARAMET

MODE : DIPO

A-SPACING :

N-SEPARATI

+00 5+00 W 4+00 W 3+00 W 2+

-1 -2 -0 -1 -1 -1 -1 -1 -1 -1
-1 -1 -1 -0 -0 -1 -1 -1 -0 -0
-2 -1 -1 -1 -0 -1 -1 -0 -0 -1 -1
-2 -1 -1 -1 -1 -0 -0 -1 -0 -1 -1

100 100 .5K .5K 100 100 100 100
-86 -776 -134 -148 -82 -103 -56 -78 -60 -118
-174 -38 -1029 -315 -119 -136 -117 -100 -100 -111
-241 -74 -69 -1959 -252 -147 -144 -224 -119 -148 -124
-341 -102 -127 -130 -1381 -287 -136 -324 -269 -172 -163
.5K 1K 1K .5K

1+00 E

2+00 E

3+00 E

4+00 E

APPARENT CHARGEABILITY (M SEC.)

.1

APPARENT RESISTIVITY (OHM-M)

100

98

4

BEDROCK ANOMALY

— DEFINITE

— PROBABLE

— POSSIBLE

NO.	DESCRIPTION	DATE	DR. BY	APPR.
REVISIONS				

CLIENT

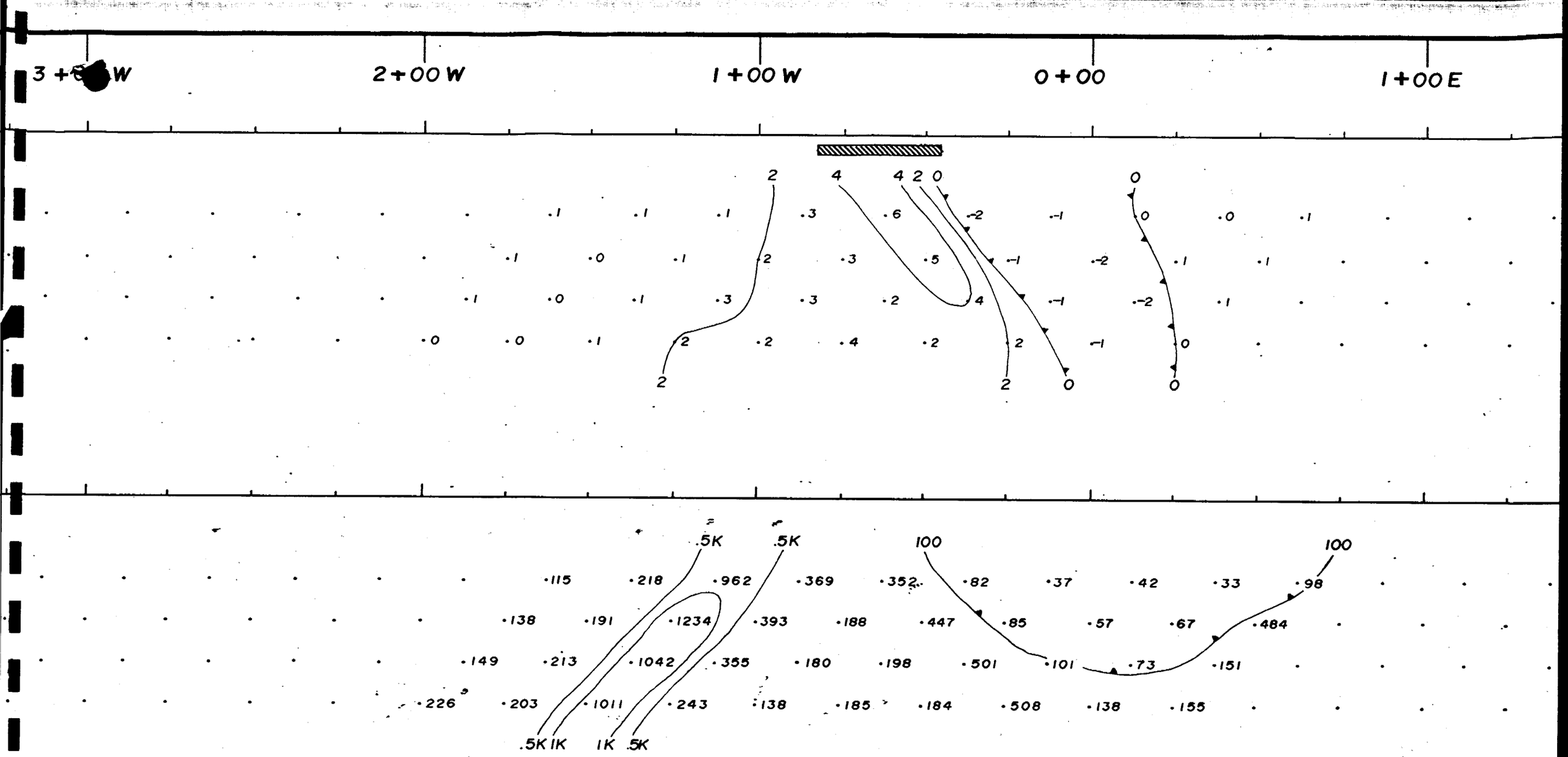
GOLDEN PHEASANT RESOURCES LTD.

TITLE

I. P. SURVEY
LINE AT 17N

SCALE:	DRN. BY:	APPR. BY:	DATE:	DRNG. NO.:
1 : 1250	R. C.		APR/88	13

JAMES WADE ENGINEERING Ltd.



LEGEND

INSTRUMENTATION

RECEIVER : EDA IP-2 (TIME DOMAIN)

TRANSMITTER : PHOENIX IPT-1

Tx POWER : 1 k WATT

Tx DUTY CYCLE : 2 sec. on / 2 sec. off

ARRAY PARAMETERS

MODE : DIPOLE / DIPOLE

A-SPACING : 25 METRES

N-SEPARATION : 1 - 4

BEDROCK ANOMALY

— DEFINITE

— PROBABLE

— POSSIBLE

NO.	DES

Ministry of Northern Development and Mines
Ontario

Report of Work
(Geophysical, Geological, Geochemical and Expenditures)

Dr
M

42A06NE0280 2.11290 CARMAN

900

Type of Survey(s)
Induced Potential - Resistivity

Carman

Claim Holder(s)
Golden Pheasant Resources Ltd. W8806-50076

Prospector's Licence No.
T-4781

Address
500-455 Granville Street Vancouver, B.C.

Survey Company
Robert E. Gillick & Associates

Date of Survey (from & to)
03 03 88 (Day Mo. Yr.) 04 04 88 (Day Mo. Yr.)

Total Miles of line Cut

Name and Address of Author (of Geo-Technical report)
Robert E. Gillick, 144 Willington Dr. North Bay, Ontario

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	· Electromagnetic	
	· Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	· Radiometric	
	· Other	
	Geological	
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	· Electromagnetic	
	· Magnetometer	
	· Radiometric	
	· Other I.P.	5
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

Calculation of Expenditure Days Credits

Total Expenditures $ ÷ 15 = Total Days Credits

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
P	947058				
	947059				
	947060				

FOR ROUTINE MINING DIVISION
RECEIVED
SEP 1 1988
Sudbury

RECORDED
SEP 01 1988

RECEIVED
OCT 24 1988
MINING LANDS SECTION

Total number of mining claims covered by this report of work. 3

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
15	Sept 1/88	S. White
	Date Approved as Recorded	Branch Director
	9 Nov 88	

Date: Aug. 26/88
Recorded Holder or Agent (Signature): U. Paltser

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying
Ulo Paltser, 501-5734 Yonge Street
Willowdale, Ontario M2M 3T3

Date Certified: August 26, 1988
Certified by (Signature): U. Paltser

1362 (85/12)

Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

September 7, 1988

Your File: W8806-158
W8806-160
Our File : 2.11290

Mining Recorder
Ministry of Northern Development and Mines
60 Wilson Avenue
Timmins, Ontario
P4N 2S7

Dear Sir:

RE: Notice of Intent dated August 22, 1988.
Geophysical (Magnetometer & Induced Polarization)
Survey submitted on Mining Claims P 947057 et al
in the Township of Carman

The assessment work credits, as listed with the above-mentioned Notice of Intent, have been approved as of the above date.

Please inform the recorded holder of these mining claims and so indicate on your records.

Yours sincerely,

W.R. Cowan, Manager
Mining Lands Section
Mines & Minerals Division

Whitney Block, Room 6610
Queen's Park
Toronto, Ontario
M7A 1W3
Telephone: (416) 965-4888

AB:sc

cc: Golden Pheasant Resources Ltd
Suite 500
455 Granville Street
Vancouver, B.C.
V6C 1V2

cc: Mr. G.H. Ferguson
Mining & Lands Commissioner
Toronto, Ontario

cc: Resident Geologist
Timmins, Ontario

cc: Mr. R.E. Gillick
114 Wellington Dr.
North Bay, Ontario
P1C 1E9

cc: Mr. U. Paltser
James Wade Engineering Ltd
Suite 501
5734 Yonge Street
Willowdale, Ontario
M2M 3T3

Ministry of Northern Development and Mines

Ontario

Technical Assessment Work Credits

File: 2.11290

Date: August 22, 1988

Mining Recorder's Report of Work No.: W8806-158

Recorded Holder: Golden Pheasant Resources Ltd.

Township or Area: ~~XXXX~~ Carman

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	P 947057 to 60 inclusive 987235 to 45 inclusive
Electromagnetic _____ days	
Magnetometer 35 days	
Radiometric _____ days	
Induced polarization _____ days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological _____ days	
Geochemical _____ days	
Man days ☐ Airborne ☐	
Special provision ☐ Ground ☒	
☒ Credits have been reduced because of partial coverage of claims.	
☐ Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

☐ not sufficiently covered by the survey ☐ insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

Ministry of Northern Development and Mines
Ontario

Technical Assessment Work Credits

File 2.11290

Date August 22, 1988

Mining Recorder's Report of Work No. W8806-160

Recorded Holder: Golden Pheasant Resources Ltd.

Township or ~~XXXX~~: Carman

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	P 947051-52-54-55-56 987235-36-38
Electromagnetic _____ days	
Magnetometer _____ days	
Radiometric _____ days	
Induced polarization 31.8 days	
Other _____ days	
Section 77 (19) See "Mining Claims Assessed" column	
Geological _____ days	
Geochemical _____ days	
Man days [X] Airborne [ ]	
Special provision [ ] Ground [X]	
[ ] Credits have been reduced because of partial coverage of claims.	
[ ] Credits have been reduced because of corrections to work dates and figures of applicant.	

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

[X] not sufficiently covered by the survey [ ] insufficient technical data filed

P 987239

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical - 80; Geologocal - 40; Geochemical - 40; Section 77(19) - 60.

Ministry of Northern Development and Mines

Ontario

Report of Work

(Geophysical, Geological, Geochemical and Expenditures)

Mining Act

DOCUMENT No. W8806·158

2.11290

Instructions: – Please type or print.
– If number of mining claims traversed exceeds space on this form, attach a list.
Note: – Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
– Do not use shaded areas below.

Type of Survey(s)	Township or Area
Magnetometer	Carman Twp.

Claim Holder(s)	Prospector's Licence No.
Golden Pheasant Resources Ltd.	T - 4781

Address: 500-455 Granville St., Vancouver, B.C.

Survey Company	Date of Survey (from & to)	Total Miles of line Cut
Robert E. Gillick & Associates Ltd.	03 03 88 (Day / Mo. / Yr.) to 04 04 88 (Day / Mo. / Yr.)	14.89

Name and Address of Author (of Geo-Technical report): R.E. Gillick, 114 Wellington Dr., North Bay, Ontario P1C 1E9

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	40
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
P	947057	
	947058	
	947059	
	947060	
	987235	
	987236	
	987237	
	987238	
	987239	
	987240	
	987241	
	987242	
	987243	
	987244	
	987245	

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

RECEIVED
JUN 27 1988
MINING LANDS SECTION

RECORDED
MAY 25 1988

Expenditures (excludes power stripping)

Type of Work Performed	
Performed on Claim(s)	

RECEIVED
MAY 25 1988

Calculation of Expenditure Days Credits

Total Expenditures $ ÷ 15 = Total Days Credits

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Total number of mining claims covered by this report of work: 15

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
600	May 25, 1988	L. White
	Date Approved as Recorded	Branch Director
	See revised statement	

Date: May 24, 1988

Recorded Holder or Agent (Signature): U. Paltser

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: U. Paltser 501-5734 Yonge St., Willowdale, Ontario M2M 3T3

Date Certified: May 24, 1988

Certified by (Signature): U. Paltser

Ministry of Northern Development and Mines

Ontario

Report of Work

(Geophysical, Geological, Geochemical and Expenditures)

2.11290

DOCUMENT

W8806.160

Mining Act

Instructions: – Please type or print.
– If number of mining claims traversed exceeds space on this form, attach a list.
Note: – Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns.
– Do not use shaded areas below.

Type of Survey(s): Induced Potential - Resistivity	Township or Area: Carman Twp.
Claim Holder(s): Golden Pheasant Resources Ltd.	Prospector's Licence No.: T-4781
Address: 500-455 Granville St., Vancouver, B.C.	
Survey Company: Robert E. Gillick & Associates Ltd.	Date of Survey (from & to): 03 03 88 (Day Mo. Yr.) 04 04 88 (Day Mo. Yr.)
Total Miles of line Cut:	
Name and Address of Author (of Geo-Technical report): Robert E. Gillick, 114 Willington Dr., North Bay, Ontario	

Credits Requested per Each Claim in Columns at right

Special Provisions		Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	Geophysical	
	- Electromagnetic	
	- Magnetometer	
For each additional survey: using the same grid: Enter 20 days (for each)	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Man Days		Days per Claim
Complete reverse side and enter total(s) here: 381.5	Geophysical	
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other IP	31.8
	Geological	
	Geochemical	

Airborne Credits		Days per Claim
Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic	
	Magnetometer	
	Radiometric	

Mining Claims Traversed (List in numerical sequence)

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
P	947051	
	947052	
	947054	
	947055	
	947056	
	947058	
	947059	
	947060	
	987235	
	987236	
	987238	
	987239	

RECEIVED
JUN 27 1988
MINING LANDS SECTION

Credits not allowed. Maximum days credit recorded under Section 77-(9) RSO 1980.

RECORDED
MAY 25 1988

Total number of mining claims covered by this report of work: 9

Expenditures (excludes power stripping)

Type of Work Performed

Performed on Claim(s)

PORCUPINE MINING DIVISION
RECEIVED
MAY 25 1988

Calculation of Expenditure Days Credits

Total Expenditures $ ÷ 15 = Total Days Credits

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

For Office Use Only		
Total Days Cr. Recorded: 286.2	Date Recorded: May 25, 1988	Mining Recorder: B White
	Date Approved as Recorded: See revised statement	Branch Director

Date	Recorded Holder or Agent (Signature)
May 24, 1988	U. Paltser

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: U. Paltser, 501-5734 Yonge St., Willowdale, Ontario M2M 3T3

Date Certified	Certified by (Signature)
May 24, 1988	U. Paltser

Ministry of Northern Development and Mines

Ontario

Geophysical-Geological-Geochemical Technical Data Statement

File _____

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Induced Polarization - Resistivity

Township or Area Carman & Langmuir Twps.

Claim Holder(s) Golden Pheasant Resources Ltd.

Survey Company Robert E. Gillick & Associates Ltd.

Author of Report R.E. Gillick

Address of Author 114 Wellingdon Dr. North Bay, Ontario

Covering Dates of Survey March 3 - April 4, 1988 (linecutting to office)

Total Miles of Line Cut _____

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
–Electromagnetic	
–Magnetometer	
–Radiometric	
–Other	31.8
Geological	
Geochemical	

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____ (enter days per claim)

DATE: May 24, 1988 SIGNATURE: R. Patton
Author of Report or Agent

Res. Geol. _____ Qualifications 2.372

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
P	947051
P	947052
P	947054
P	947055
P	947056
P	947058
P	947059
P	947060
P	987235
P	987236
P	987238
P	987239

If space insufficient, attach list

TOTAL CLAIMS 12

OFFICE USE ONLY

837 (85/12)

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations _____ Number of Readings _____

Station interval _____ Line spacing _____

Profile scale _____

Contour interval _____

MAGNETIC

Instrument _____

Accuracy – Scale constant _____

Diurnal correction method _____

Base Station check-in interval (hours) _____

Base Station location and value _____

_____

ELECTROMAGNETIC

Instrument _____

Coil configuration _____

Coil separation _____

Accuracy _____

Method: ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency _____
(specify V.L.F. station)

Parameters measured _____

GRAVITY

Instrument _____

Scale constant _____

Corrections made _____

_____

Base station value and location _____

_____

Elevation accuracy _____

INDUCED POLARIZATION RESISTIVITY

Instrument EDA IP-2

Method ☒ Time Domain ☐ Frequency Domain

Parameters – On time 2 sec. Frequency _____

– Off time 2 sec. Range _____

– Delay time 160 millisec.

– Integration time 120,220,420, 820, millisec.

Power Phoenix 1 kwatt IPT-1

Electrode array dipole - dipole

Electrode spacing 25 metres

Type of electrode steel stake

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

_____

Corrections made _____

_____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

_____

Additional information (for understanding results) _____

_____

_____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

_____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken _____

_____

_____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

_____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

_____

Drainage Development _____

Estimated Range of Overburden Thickness _____

_____

_____

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

_____

_____

_____

General _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☐
p. p. b. ☐

Cu, Pb, Zn, Ni, Co, Ag, Mo, As,-(circle)

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____

_____

_____

_____

_____

_____

_____

_____

_____

Ministry of Northern Development and Mines

Ontario

Geophysical-Geological-Geochemical Technical Data Statement

File _____

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Magnetometer

Township or Area Carman Twp

Claim Holder(s) Golden Pheasant Resources Ltd.

Survey Company Robert E. Gillick & Associates ltd.

Author of Report R. E. Gillick

Address of Author 114 Wellington Dr., North Bay, Ontario

Covering Dates of Survey March 3 - April 4, 1988 (linecutting to office)

Total Miles of Line Cut 14.89 miles

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
–Electromagnetic	
–Magnetometer	40
–Radiometric	
–Other	
Geological	
Geochemical	

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____ (enter days per claim)

DATE: May 24, 1988 SIGNATURE: R. Palmer Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
P	947057
P	947058
P	947059
P	947060
P	987235
P	987236
P	987237
P	987238
P	987239
P	987240
P	987241
P	987242
P	987243
P	987244
P	987245

If space insufficient, attach list

TOTAL CLAIMS 15

OFFICE USE ONLY

837 (85/12)

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations 958 Number of Readings 1437

Station interval 25 metres Line spacing 100 metres

Profile scale

Contour interval 100 gammas

MAGNETIC

Instrument EDA OMNI IV

Accuracy – Scale constant ±.1 gamma

Diurnal correction method recording base station

Base Station check-in interval (hours) N/A

Base Station location and value N/A

ELECTROMAGNETIC

Instrument

Coil configuration

Coil separation

Accuracy

Method: ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency
(specify V.L.F. station)

Parameters measured

GRAVITY

Instrument

Scale constant

Corrections made

Base station value and location

Elevation accuracy

INDUCED POLARIZATION RESISTIVITY

Instrument

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time Frequency

– Off time Range

– Delay time

– Integration time

Power

Electrode array

Electrode spacing

Type of electrode

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

_____

Corrections made _____

_____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

_____

Additional information (for understanding results) _____

_____

_____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

_____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken _____

Total Number of Samples _____

Type of Sample _____
(Nature of Material)

Average Sample Weight _____

Method of Collection _____

Soil Horizon Sampled _____

Horizon Development _____

Sample Depth _____

Terrain _____

Drainage Development _____

Estimated Range of Overburden Thickness _____

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis _____

General _____

ANALYTICAL METHODS

Values expressed in: per cent ☐
p. p. m. ☐
p. p. b. ☐

Cu, Pb, Zn, Ni, Co, Ag, Mo, As,-(circle)

Others _____

Field Analysis (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Field Laboratory Analysis

No. (_____ tests)

Extraction Method _____

Analytical Method _____

Reagents Used _____

Commercial Laboratory (_____ tests)

Name of Laboratory _____

Extraction Method _____

Analytical Method _____

Reagents Used _____

General _____

Ministry of Northern Development and Mines

Ontario

Assessment Work Breakdown

1. Type of Survey Induced Potential - Resistivity

2. Township or Area Langmuir and Carman Twp.

3. Numbers of Mining Claims Traversed by Survey

947051 947056 987235

947052 947058 987236

947054 947059 987238

947055 947060 987239

4. Number of Miles of Line Cut _____ Flown _____

*5. Number of Stations Established _____

*6. Make and type of Instrument Used _____

*7. Scale Constant or Sensitivity _____

*8. Frequency Used and Power Output _____

9. Summary of Assessment Credits (details on reverse side)

Total 8 hour Technical Days (Include Consultants, Draughting etc.) _____

Total 8 hour Line-Cutting Days _____

Calculation

54.4	x 7 =	381.5	+		=	381.5	÷	12	=	31.8
Technical				Line-cutting				Number of claims		Assessment credits per claim

This is the fraction of the survey applicable to claims listed.

The dates listed on this form represent working time spent entirely within the limits of the above listed claims ☐ Check

If otherwise, please explain Office days are spent off above listed claims

Dated: May 24/88 Signed: W. Patterson

Note: (A) * Complete only if applicable.
(B) Complete list of names, addresses and dates on reverse side.
(C) Submit separate breakdown for each type of survey.
(D) Submit in duplicate.

827 (85/12)

Details of Assessment Work Breakdown

FIELD WORK

Type of Work	Name & Address	Dates Worked	Number of 8 hour days
IP Survey	Robert E. Gillick and Associates		
	4 man crew	13.5 days during	45.28
	114 Willingdon Dr.	March	
	North Bay, ONtario		

CONSULTANTS

Name & Address	Dates Worked (specify in field or office)	Number of 8 hour days
Robert J. Anderson, North Bay	March 12,26 Field	
	March 4, April 25 Office	3.35
Robert E. Gillick, North Bay	May 1, 2, 3 Office	2.51

DRAUGHTSMAN, TYPING, OTHERS (specify)

Name & Address	Type of Work	Dates Worked	Number of 8 hour days
R. Cope	Draftsman	April 22,25,27	3.35
#501-5734 Yonge St.			
Willowdale, Ontario M2M 3T3			

TOTAL 8 HOUR TECHNICAL DAYS 54.5

LINE-CUTTING

Name	Address	Dates Worked	Number of 8 hour days

TOTAL 8 HOUR LINE-CUTTING DAYS _____

CODY TWP.

MAP SYMBOLOGY

- Aerial Cableway
- Boundary
  - International
  - Interprovincial
  - District, Township, Indian Reserve
  - Regional Municipality
  - Lot, Concession
  - Approximate
  - Park Boundary
- Bridge
- Road, Railroad
- Building
- Chimney
- Cliff, Pit, Quarry
- Contours
  - Intermediate
  - Approximate
  - Depression
- Control Points
  - Horizontal
  - Vertical
- Culvert
- Falls
- Fence, Hedge, Wall
- Feature Outline (Construction Features, etc.)
- Flooded Land
- Lock
- Marsh or Swamp
- Mast
- Mine Head Frame
- Outcrop
- Pipeline (above ground)
- Railroad
  - Single Track
  - Double Track
  - Abandoned
  - Turntable
- Road
  - Highway, County, Township
  - Access (road of doubtful maintenance or upgrading necessary)
  - Trail, Bush Road (portage, etc.)
- Rapids
  - Double line river with multiple rapids
  - Double line river with multiple rapids
- Reservoir
- River, Stream, Canal
  - Approximate centreline
  - Direction of flow
- Rock
  - Islet
  - Shoal
- Spot Elevation (false elevation)
- Tower
- Transmission Line
  - Poles
  - Pylons
- Tunnel
- Utility Poles
- Wharf, Dock, Pier
- Wooded Area

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+ S. – MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File

SHAW TWP.

LANGMUIR TWP.

THOMAS TWP.

NIGHT HAWK LAKE

MOOSE ISLAND (ALL IN CODY TWP)

CROW ISLAND

NEST ISLAND

GULL ISLAND

Redstone R.

Carman Bay

CARMAN BAY

NIGHT HAWK LAKE

LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
  - TOWNSHIPS, BASE LINES, ETC.
  - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" , SURFACE RIGHTS ONLY	◒
" , MINING RIGHTS ONLY	◒
LEASE, SURFACE & MINING RIGHTS	■
" , SURFACE RIGHTS ONLY	◨
" , MINING RIGHTS ONLY	◨
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	Ⓡ
CANCELLED	⊕
SAND & GRAVEL	Ⓢ

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC 1.

Metres 500 0 1000
Chains 10 0 10 20 30 40 50 60 70 Chains
Feet 500 0 1000 2000 3000 4000 5000 Feet

SCALE 1:20 000

GRID ZONE: 17

Rec'd Jan. 23/85

RECEIVED AUG 29 1988

TOWNSHIP

CARMAN

M.N.R. ADMINISTRATIVE DISTRICT

TIMMINS

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

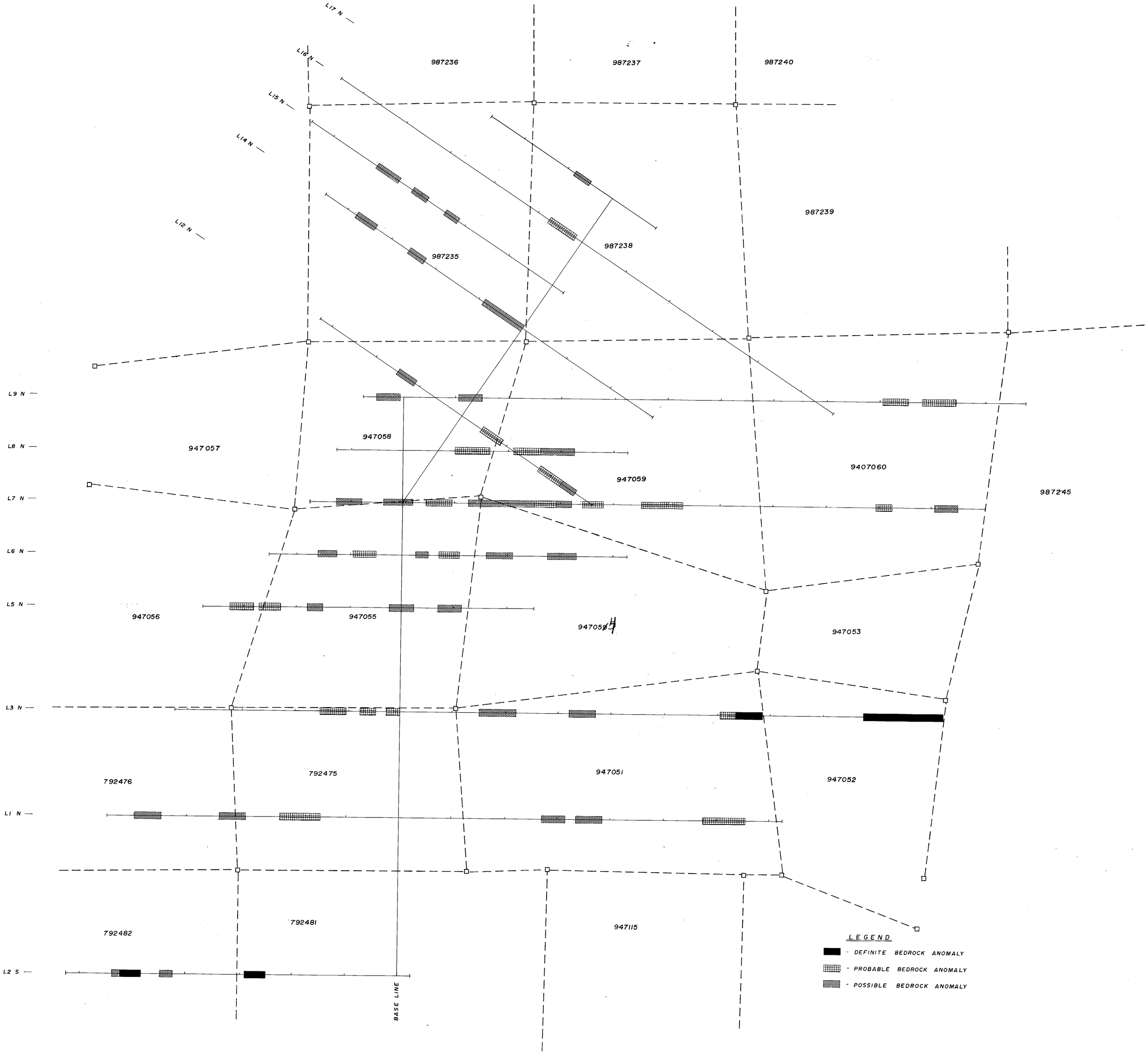
COCHRANE

Ontario Ministry of Natural Resources — Land Management Branch

ORIGINAL COMPILATION	JULY 1984	Number G-4000
REVISED:		

42A06NE0280 2.11298 CARMAN

200



2.11290

No	DESCRIPTION	DATE	DR. BY	APPR.
	REVISIONS			

CLIENT: GOLDEN PHEASANT RESOURCES LTD.

TITLE: CARMEN-LANGMUIR TOWNSHIP PROPERTY I.P. COMPILATION MAP

SCALE:	DRN. BY:	APPR. BY:	DATE:	DRNG. NO.:
1:2500	R. C.		MAY/88	MAP 14

JAMES WADE ENGINEERING Ltd.

2.11290

CLIENT
GOLDEN PHEASANT RESOURCES LTD

TITLE
CARMEN-LANGMUIR TOWNSHIP
PROPERTY - CONTOURED TOTAL
FIELD MAGNETICS

SCALE:	DRN. BY:	APPR. BY:	DATE:	DWG. NO.
1: 2500	R. C.		MAY/88	MAP 15

James Wade Engineering Ltd.

REVISIONS			
N°	DESCRIPTION	DATE	DR. BY	APPR.

LEGEND

- 1000 ± CONTOURS
- 500 ± CONTOURS
- 100 ± CONTOURS
- INTERPRETED IRON FORMATION
- INTERPRETED FAULT/SHEAR

BASE LINE

L8 N L9 N L10 N L11 N L12 N L13 N L14 N L15 N L16 N L17 N L18 N L19 N L20 N L21 N L22 N L23 N L24 N L25 N L26 N L27 N

L8 N L9 N L10 N L11 N L12 N L13 N L14 N L15 N L16 N L17 N L18 N L19 N L20 N L21 N L22 N L23 N L24 N L25 N L26 N L27 N

947057

947058

947059

947060

987235

987236

987237

987238

987239

987240

987241

987242

987243

987244

987245

NOTES

INSTRUMENTATION - EDA OMNI IV MAGNETOMETER
BACKGROUND REMOVED - 57,000 γ

2.11290

SURVEY BY - ROBERT E. GILLICK and ASSOCIATES LTD.

No	DESCRIPTION	DATE	DR. BY	APPR.
	REVISIONS			

CLIENT
GOLDEN PHEASANT RESOURCES LTD.

TITLE
CARMEN-LANGMUIR TOWNSHIP PROPERTY
- TOTAL FIELD MAGNETICS

SCALE:	DRN. BY:	APPR. BY:	DATE:	DRNG. NO.
1:2500	R.C.		MAY/88	DWG. 16

JAMES WADE ENGINEERING LTD.