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REPORT

ON THE

GEOPHYSICS PROGRAMME

DYMENT LAKE PROPERTY 2.16342

DENYES TOWNSHIP, ONTARIO

PORCUPINE MINING DIVISION

ONTARIO

BY

DAN PATRIE

OCTOBER, 1995

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1. INTRODUCTION

The Dyment Lake property consists of 113 claims (16 hectare units) in the central part of Denyes township, approximately 40 km east of Chapleau, 140 km southwest of Timmins and 200 km northwest of Sudbury, Ontario in the Swayze area, Porcupine Mining Division (Figure 1).

The writer carried out a limited programme of exploration on the Barty Lake property. A programme of line-cutting, line cutting, induced polarization, magnetometer and VLF-EM survey was carried out to locate areas of gold and base metal potential. The following report summarizes the results of previous work in the area, the work carried out during the current programme and the results obtained from that work.

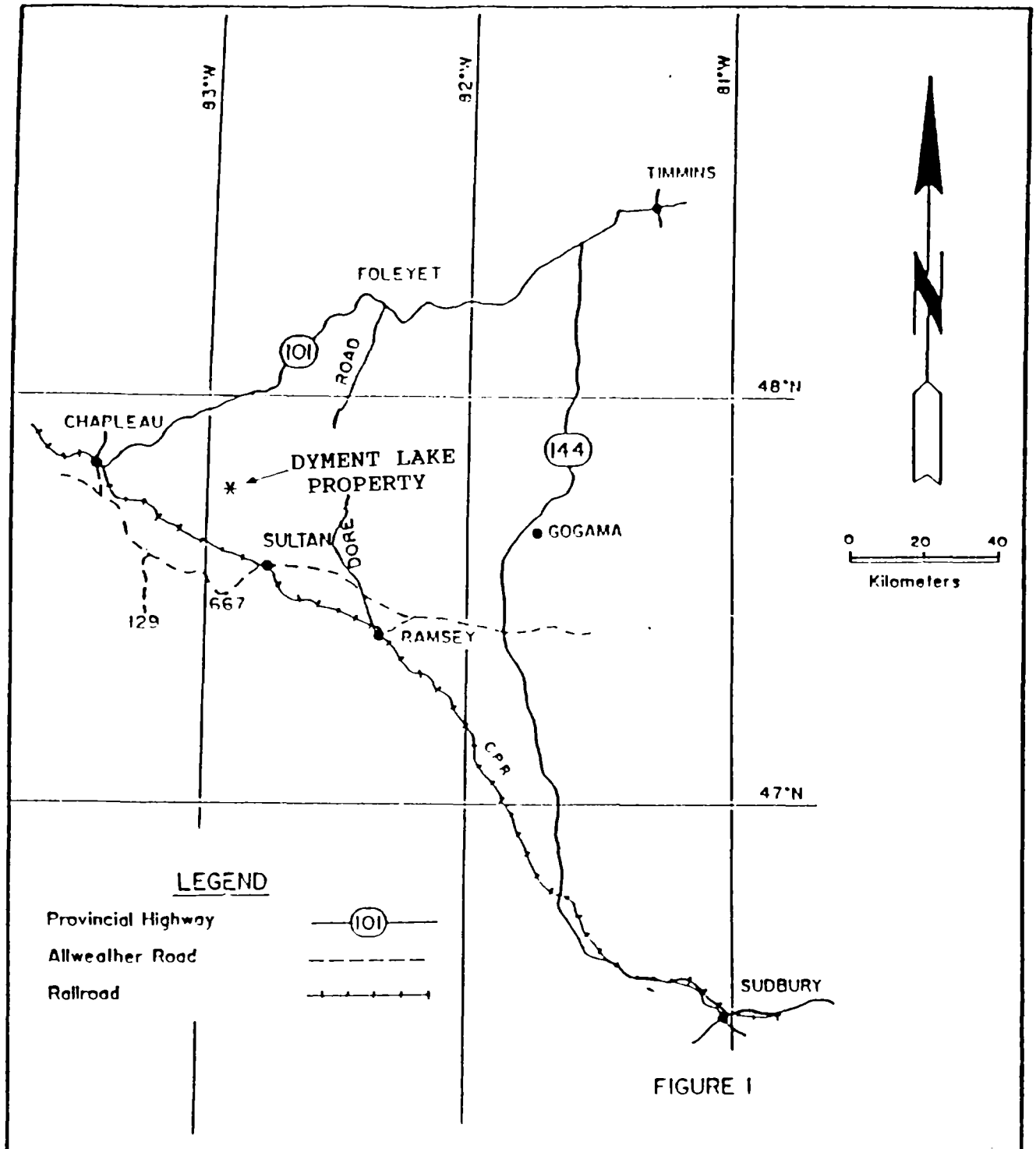


FIGURE 1

HALCROW-DENYES TOWNSHIP

LOCATION MAP

2. SUMMARY AND RECOMMENDATIONS

Between August 01 to September 02, 1995 a programme of line-cutting, mag/VLF and Induced Polarization program was completed on the Dyment Lake property. A 4 level with 25 meter spacing I.P Was done on lines 0 to 14+00 E, from 400 South to 900 North.

The I.P. anomallies werw coincidental with the VLF-EM anomalies over the same locations.

The following programme be carried out on all existing claims on the property to complete the evaluation.

1. Completion of the grid lines spaced at 100 metres over the total claim group of 104 claims.
2. Geological mapping and prospecting of the property.
3. Completion of the magnetometer, VLF-EM and horizontal loop surveys.
4. A test I.P. survey be completed over showings and along shear zones, as well as zones of magnetic depletion and V.L.F. anomalies.
5. Geochemical soil sampling of the property.

Following completion of this work and contingent upon the results then additional work could be considered to further evaluate property for gold and base metal mineralization.

Respectfully submitted,

Daniel Patrie
Geophysics and Geology Technologist
September, 1995

3. PROPERTY

3.1 CLAIM DESCRIPTION

The property consists of 113 contiguous, unpatented mining claims (16 hectare units) which are listed below and which are shown in Figure 2 after claim map M-758, Denyes township, Ministry of Natural Resources, Ontario, Surveys and Mapping Branch. The claims are held in the name of: Daniel F. Patrie, P.O. Box 45, Massey, Ontario, POP 1PO.

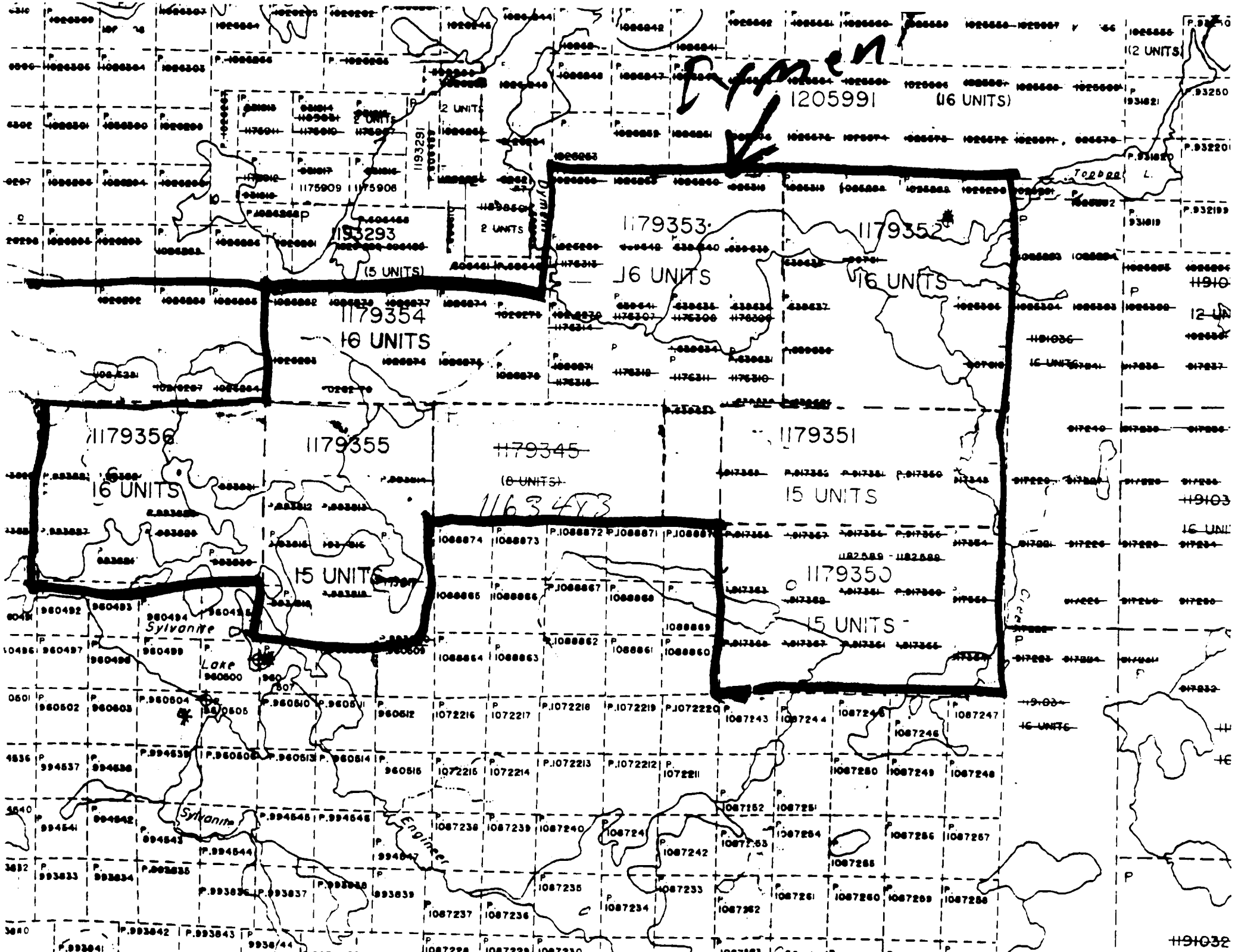
TABLE 1
DENYES TOWNSHIP CLAIMS

Claim Numbers	No. of Units
1179350	15
1179351	15
1179352	16
1179353	16
1179354	10
1179355	15
1179356	16
1163483	10
TOTAL	113

3.2 LOCATION AND ACCESS

The Dyment Lake property is located at 47 degrees 47 latitude, 82 degrees 48' longitude in Denyes township, District of Sudbury, Porcupine Mining Division approximately 40 kilometres east of Chapleau, 140 kilometres southwest of Timmins and 200 kilometres northwest of Sudbury, Ontario.

Access to the property is by float-equipped or ski-equipped aircraft to the lake in the centre of the property. The property can also be reached by trail. The Dore Forest access road between Foleyet and the Eddy Forest products road in the south provides access on lumber roads to the west which are located along the


1205991
(16 UNITS)
1193291
2 UNITS
2 UNITS
1193293
(5 UNITS)
1179353
16 UNITS
1179352
16 UNITS
1179354
16 UNITS
1179356
16 UNITS
1179355
15 UNITS
1179345
(8 UNITS)
1179351
15 UNITS
1179350
15 UNITS
Sylvanite
Lake
Sylvanite
Engineer

southern edge of the claim group. From here the property can be easily accessed on foot, all terrain vehicle or by snow machine.

3.3 TOPOGRAPHY AND VEGETATION

The main topographic feature of the property is Dyment Lake in its central part which is drained by Dyment Creek southwestward to Barty Lake. In general the property consists of a series of ridges seperated by sections of low ground and swamp. For the most part, the ridges are covered with jackpine, the occasional red pine, poplar and birch. Cedars, in particular, and alders are common in the low-lying, swampy areas. Much of the area has been infected by spruce, budworm which creates very difficult travel conditions due to the number of blow-downs.

4. PREVIOUS WORK IN THE AREA

The Dyment Lake gold showing was staked by Joseph Beaumont for Dyment Mining and Investments Limited in 1932. The company completed numerous trenches and a series of short drill holes tottaling 1,000 feet, underneath and along strike of the main showing.

The Ontario Department of Mines (Rickaby, 1935 reported that native gold was visible along fractures within the milky-white quartz. Galena, and chacopyrite were also noted in the vein material.

The Canada Centre for Mineral and Energy Technology, Ottawa, took out a (101 pound) bulk sample in 1953 and tested for gold and silver which assayed 18.25 ounces of Au per ton and 3.08 ounces of Ag per ton.

In 1968 Umex completed an airborne magnetic survey which illustrates a strong east-west magnetic trend about 1 km south of Dyment Lake. There was no magnetic response from the gold showing.

Scan Exploration filed ground geophysics, manetics and E.M.16.

In 1972, Claw Lake Molybdenum Mines did a geophysical survey of magnetics over 41 claims in the Dyment Lake area. The work was contracted to Canadore Exploration.

The only diamond drilling in the area was completed by Mattagami Lake Mines (1960) who drilled a hole 3 km northwest of Dyment Lake. The was to test a geophysical anomaly and intersected dacite tuffs and argillites. There were no economically significant gold values.

Placer Development Limited did 23 kms of geological mapping, ground magnetics, VLF., and 6.6 of humus sampling in 1984.

1932-1934: Considerable surface trenching and stripping, 1,000 feet of diamond drilling by Dyment Mining and Investments Limited.

1953: a bulk sample (101 pounds) tested for gold and silver by the Canada Centre for Mineral and Energy Technology, Ottawa.

1984: Placer Dome did a 23 km of mag\vlf and geological mapping.

1968: J.F. Donovan and assistants was the most recent mapping.

1980: a geophysical airborne survey released by the government.

1984: a 23 km of mag\vlf and geological mapping by Placer Dome.

4.1 WORK DONE

The Writer carried out a limited programme of exploration on the Dyment Lake property which included line-cutting, magnetometer survey, VLF-EM survey and induced polarization survey, which shows in the central part, a prominent east-west trending magnetic anomaly. In the north central part of the property, the VLF-EM survey showed a number of anomalies over a strike length of several hundred metres . These anomalous zones are considered to parallel the formational contacts and may be due to sulphides. Also, the old trenching found indicates that at some time, probably during the 1930's the area was prospected and limited amount of hand trenching carried out. Also, there are three induced polarization anomalies. The first and most prominent is found on lines 13E to 9E corresponding to VLF-EM anomalies on both 24.0 kHz. and 21.4 kHz. The second is a much smaller anomaly on lines 14E to 6E and possibly further. The third is a partial anomaly at the south end of line 5+50 E and should be looked at in the future.

5. GEOLOGY

5.1 REGIONAL GEOLOGY

The general geology of the area is shown on the Chapleau-Foleyet compilation map (#2116) of the Ontario Geological Survey. In addition, the geology of the area is described by Donovan in his report on the Halcrow-Ridout Lakes area (1968).

The rocks of the area form the western part of the east-west trending Swayze greenstone belt approximately 50 km long and 30 km wide. The bedrock of the area is Precambrian in age and comprises an older assemblage of felsic to mafic volcanic rocks, sedimentary rocks and iron formation with younger granitic, dioritic and diabase intrusives. All are steeply dipping in fold structures whose axes trend east-west across the area (Figure 3).

Felsic volcanic rocks are abundant in Denyes township where a wide band crosses the area south of Denyes Lake and extends westward into Halcrow township. Numerous small intercalated felsic volcanic layers are found associated wiith intermediate to mafic volcanic rocks in Halcrow and Denyes township. The felsic volcanic rocks vary in texture from fine grained to porphyritic with pyroclastic units also present.

Sedimentary rocks are present in both Denyes and Halcrow townships and delianeate the north limb of a synclinal structure in Halcrow and Denyes townships. The north limb of the sedimentary rocks widens eastward near Denyes Lake. Smaller isolated bands of sedimentary rocks are found elsewhere in the area intercalated with

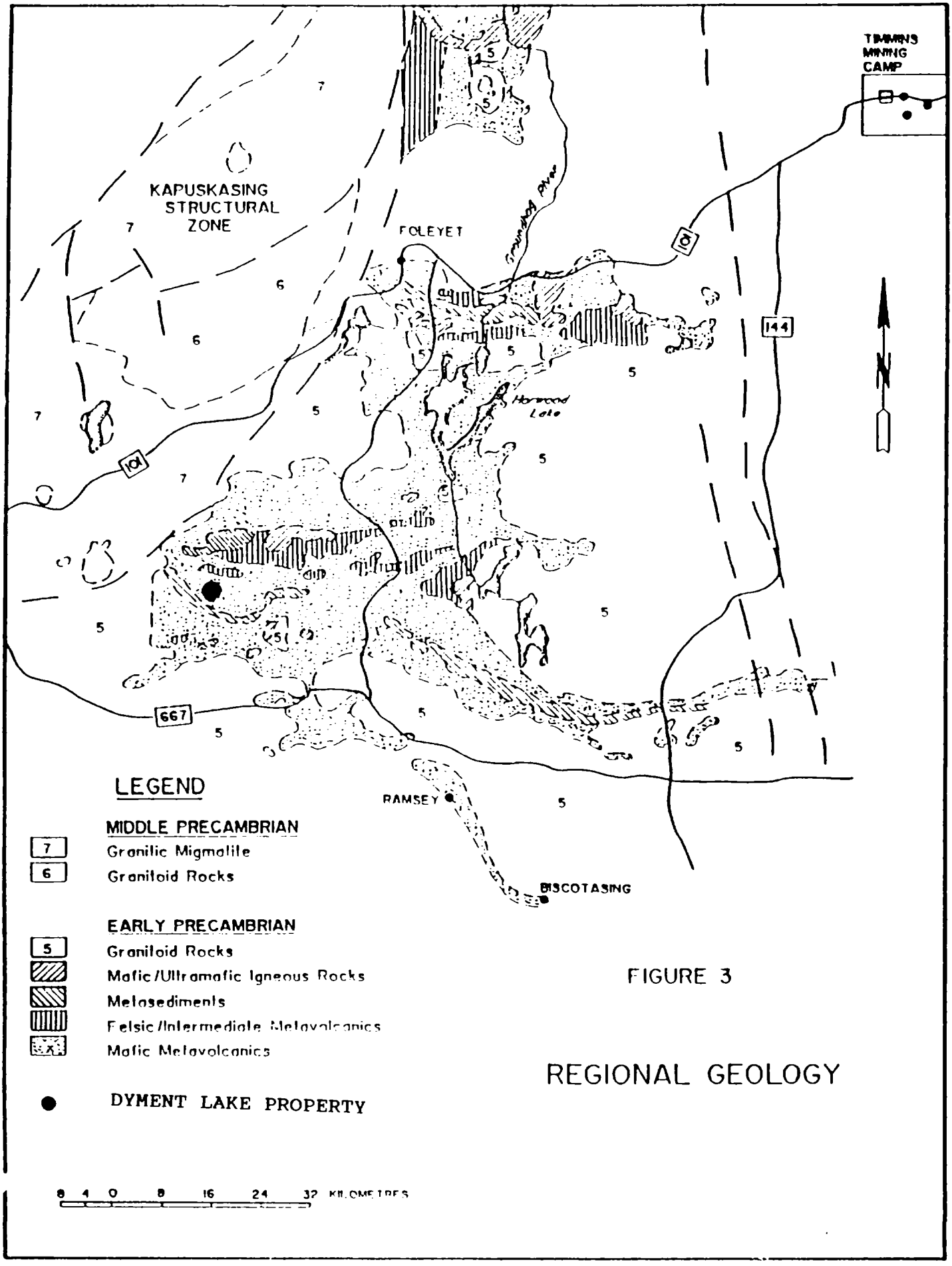


FIGURE 3

REGIONAL GEOLOGY

the metavolcanics. Conglomerate and feldspathic quartzite are the main types of sedimentary rocks with smaller amounts of greywacke, arkose and pelitic sediments. These sediments are spatially and possibly genetically associated with the volcanic units.

Some iron formation is dispersed through the area generally in narrow, lean discontinuous horizons. The iron formation is associated with the volcanic and sedimentary units and varies from typical banded iron formation to rusty schistose material. Sedimentary rocks, notably conglomerate with a mafic or pelitic matrix are closely associated with the intermediate to mafic volcanics.

Granitic rocks ranging from fine to coarse grained and massive to gneissic occur in the area. The largest body is in the western part of Halcrow township where granite intrudes intermediate to mafic volcanic rocks resulting in a contact metamorphic zone. Other bodies representing small lenses, stocks, sills and dykes are present throughout the area.

Dioritic rocks are known from the area and may represent intrusive rocks or coarse grained volcanic flows.

The youngest intrusive rock is diabase. Two (2) sets of dykes striking northeast and northwest are dominant. A few small north-south and east-west dykes are also present. The dykes range in thickness from 3 to 80 meters with most dipping vertically. The largest is approximately 6 km long.

Extensive areas are covered by glacial drift and sandy overburden of varying thickness. Pleistocene and recent deposits cover most of the area and are a deterrent to geological work and prospecting in the area.

TABLE OF FORMATION (after Donovan, 1968)

CENOZOIC

RECENT Stream and swamp deposits.

PLEISTOCENE Sand, gravel, till.

UNCONFORMITY

PRECAMBRIAN

INTRUSIVE ROCKS

Late Basic Intrusive Rocks:

Diabase

Intrusive Contact

Intermediate to ultramafic intrusive rocks.

Intrusive Contact

Granitic Rocks

Intrusive Contact

INTERMEDIATE TO MAFIC VOLCANIC ROCKS

SEDIMENTARY ROCKS

FELSIC VOLCANIC ROCKS

5.2 PROPERTY GEOLOGY

Donovan's (1968) work has indicated that the property is underlain dominantly by intermediate to mafic metavolcanic rocks which strike east-west to east-southeast and dip vertically. The rocks are cut by north-south trending diabase dykes cross-cut the metavolcanics.

The property shows a well developed vertical foliation trending between 90 and 120 degrees with local variations due to cross structures. Deformation is expressed by well-defined zones of shearing. Associated with the deformation zones are gold-bearing quartz veins generally trending at 150 degrees and accompanied by strong carbonate alteration. The quartz veins are situated in a highly sheared and altered metavolcanic (feldspar porphyry). The quartz veins trend 120 degrees. The veins appear to form an en echolon pattern accross the shear zone. The quartz veins observed over a strike length of 350 metres. The veins are discontinuous but appear to be on strike. The shear zone is approximately 150 metres in width.

6. CURRENT EXPLORATION PROGRAMME

6.1 WORK DONE

A programme of re-picketting, line-cutting and detailed induced polarization survey on the Dyment Lake property. The work was carried out between Aug. 01 and Sept 02 1995. The work covered the following claims all or in part. 1179350, 1179351, 1179352, 1179353, 1179354, 1179355, 1179356 and 1163483.

Approximately of 22.6 km of pole-dipole and 26 km of line-cutting, magnetics and VLF-EM on the Dyment Lake Property.

7. CONCLUSIONS

1) The Dyment Lake property is underlain by metavolcanic rocks with a range in composition from mafic to felsic.
2) There is a well developed regional foliation on the property trending 100 to 120 degees and dipping vertically to the north.
3) In the north part of the claim block, there is extensive carbonate and fuschite alteration which is associated with well developed shearing parallel to the regional trend.
4) One (1) large area on the property have been identified to have a potential for the localization of gold mineralization of economic significance. This is along the north and east part of the claim block along a trend at 100

degrees and is considered to be situated on a major regional deformation zone with strong green carbonate and fuchsite alteration associated with quartz veining in zones of shearing.

In summary it is considered that the property contains a very favourable geological environment for the localization of gold mineralization of economic importance. To further evaluate the potential of this property and due to a lack of geological information from the property, it is suggested that on-going work should consist of a programme of geological mapping, prospecting, line-cutting and geophysical surveys over the balance of the property not covered.

Daniel F. Patrie
Geological Technologist (Dipl. T)
June 30, 1993

8. INTERPRETATION OF INDUCED POLARIZATION SURVEY

There are three significant Induced Polarization anomalies present on the Dyment Lake property. The first most prominent is found on lines 13+00 E to 9+00 E corresponding to VLF-EM anomalies on both 24.0 kHz. and 21.4 kHz. The second is a much smaller anomaly found on lines 14+00 E to 6+00 E and possibly further. The third is a partial anomaly at the south end of line 5+50 E.

1. Anomaly 1

This is a prominent bedrock chargeability anomaly with corresponding low resistivity zone and a high metal factor zone. This anomaly corresponds exactly to VLF-EM anomalies on 24.0 kHz. and 21.4 kHz. even to the arcuate track of the axis of the anomaly. The anomaly probably continues to the east, but cannot be proven since the survey did not continue far enough to the north on line 14+00 E to pick it up. To the west this anomaly tails off at line 8+00 E, this may mean the target is dipping below the depth of penetration of the survey. The target is close to the surface if not outcropping and varies in width between approximately 35 metres and 100 metres. There is a marked absence of a magnetic signature corresponding to the location of this anomaly, suggesting the absence of magnetic minerals pyrrhotite and magnetite.

2. Anomaly 2

This anomaly has much smaller chargeability value up to 19 mV/V as compared to 25 m V/V for anomaly 1. This anomaly does not show the classic triangular shape associated with I.P. anomalies

plotted in pseudosection. The anomaly can be seen between lines 14+00 E and 6+00 E and possibly beyond. This anomaly corresponds to weak VLF-EM anomalies on 24.0 kHz. and 21.4 kHz. and is also associated with a large magnetic anomaly slightly to the south of the VLF-EM anomaly. This could be the contact between two different rock types or metamorphic zones, and should be compared to the geology of the property or surrounding area.

3. Anomaly 3

This is a partial anomaly showing high chargeability values in the 60's and a somewhat lowered resistivity and small metal factor response (low metal factor due to higher resistivity values). The shape of the anomaly is somewhat triangular, the odd shape may be due to the partial data. The target looks to be right at the surface, but an accurate assessment is difficult.

Interpretation completed by T. Insinna (see Certificate of Qualifications Attached) on Octobeer 21, 1995, for D. Patrie.

9. RECOMMENDED EXPLORATION PROGRAMME

The following programme is recommended to evaluate the 103 claim block in and around Dyment Lake property.

1. Complete the line cutting as required to provide a control for geological, geochemical and geophysical work.
2. Completion of ground magnetometer and VLF work.
3. Cutting of a detailed grid over anomalous areas.
4. Geochemical soil sampling of appropriate areas.
5. Detailed IP over anomalous areas.
6. Complete the prospecting of the 104 claims.
7. Stripping, trenching, mapping and sampling targets with potential interest.

Daniel Patrie
Geophysics Technologist (Dipl.T)
October 21, 1995

REFERENCES

1. Donovan, .F.,1968
   Geology of Halcrow-Ridout Lakes Area, Ontario,
   Deparment of Mines, Geological Paper 63, p.45.

3. Gordon, J.B., et al, 1979
   Gold Deposits of Ontario, Part 2, Ontario Geological
   Survey, Mineral Deposits Circular 18, p. 60 & 63-64.

4. Ireland, J.C. 1988
   Mineral Deposit Inventory Record, Patrie Claim Group,
   Timmins Office, Ontario Geological Survey.

5. Ontario Geological Survey Assessment Files, Toronto.

6. Norwin Geological Ltd. December 30, 1991
   Report On The Exploration Program, Barty Lake Property
   Denyes Township, Ontario, Porcupine Mining Division Ontario
   For Elliott Strashin & Associates. 16 P., 6 maps.

7. Placer Development Limited, 1984
   Report on Geological & Geochemical Surveys, Dyment Lake
   Property, Denyes Township, Ontario Venture 200.

8. Terraquest Ltd., 1989
   Airborne Magnetic & VLF-EM Survey, Denyes, Halcrow and
   Greenlaw Townships, Porcupine Mining Division, Ontario
   for Patrie Exploration Services. 7 p., 3 maps.

CERTIFICATE OF QUALIFICATION

I, Daniel Patrie do hereby certify:

1. that I am a geophysics and geology technologist and reside at Hwy. 17 West, Massey, Ontario, Canada, P.O. Box 45, POP 1PO,

2. that I graduated from Cambrian College of Applied Arts and Technology in 1987 with a Diploma in Geological Technology with a one-year certificate in geophysics,

3. that I have practised my profession continuously since that time and prior to that since 1972, I have been an active prospector,

4. that this report is based on a personal review of provincial, federal and some assessment reports as well as interpretation of field observations undertaken on the Dyment Lake Property, Denyes Townships, Porcupine Mining Division, Ontario and was present on the property throughout the whole work programme,

Daniel Patrie
Geological Technologist (Dipl. T)
October 21, 1995

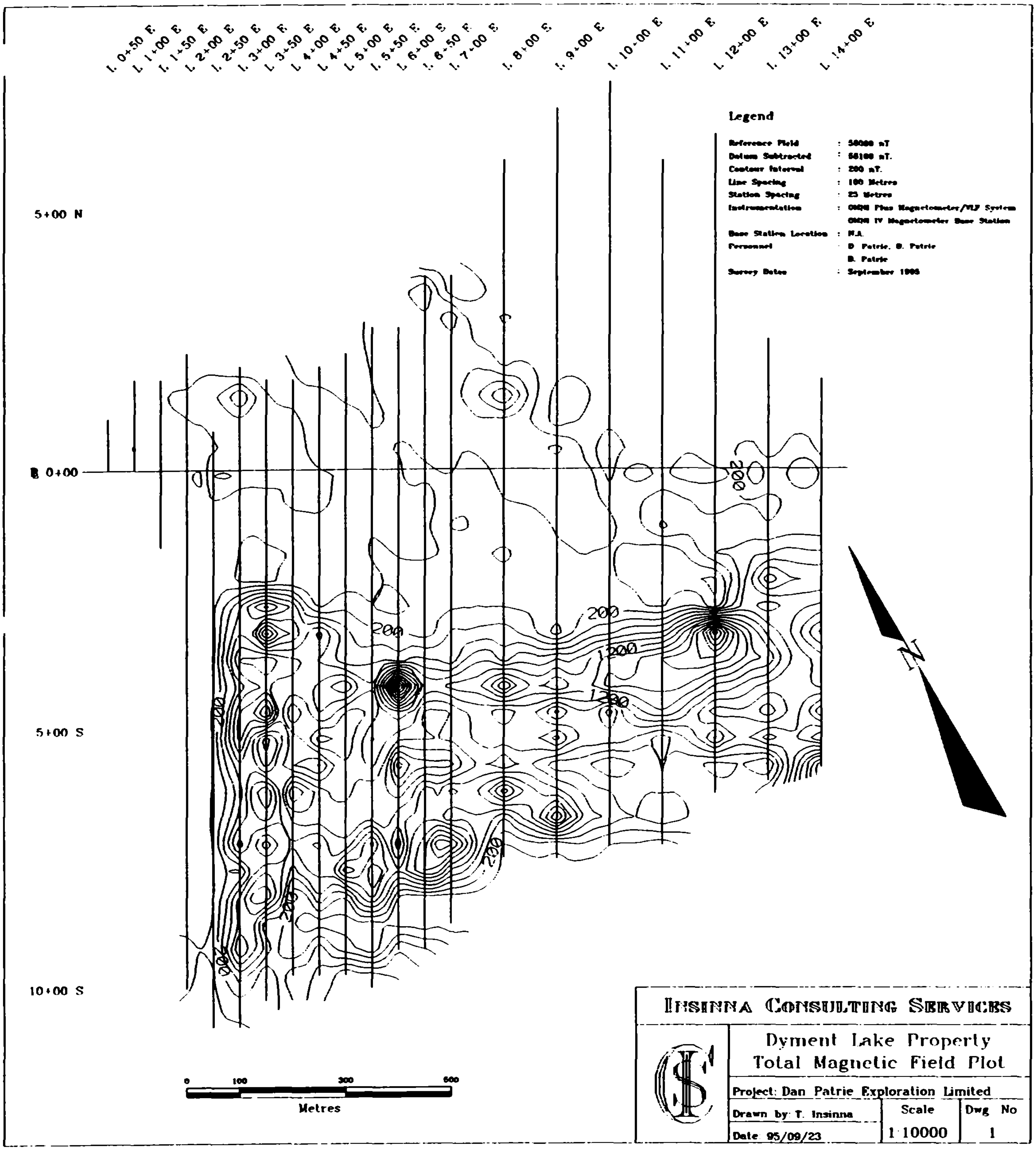
Certificate of Qualification

I, Anthony Insinna do hereby certify:

1. that I am a geophysicist and reside at 23-1060 Martindale Road, Sudbury, Ontario, P3E 5T2,
2. that I graduated from the University of Waterloo in 1984, obtaining a Bachelor of Science degree in Honours Co-op Earth Science,
3. that I have practised my profession continuously since 1984,
4. that my interpretation of the geophysical surveys completed on the Dyment Lake property in Deynes Township, is based on my personal knowledge of the surveys completed and the techniques used to present them,
5. that I have no personal, direct or indirect interest in the properties surveyed or any adjacent properties, and I have written this interpretation as a totally independent consultant.

A. Insinna, B.Sc.

21 October 1995



L 0+50 E
L 1+00 E
L 1+50 E
L 2+00 E
L 2+50 E
L 3+00 E
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L 4+00 E
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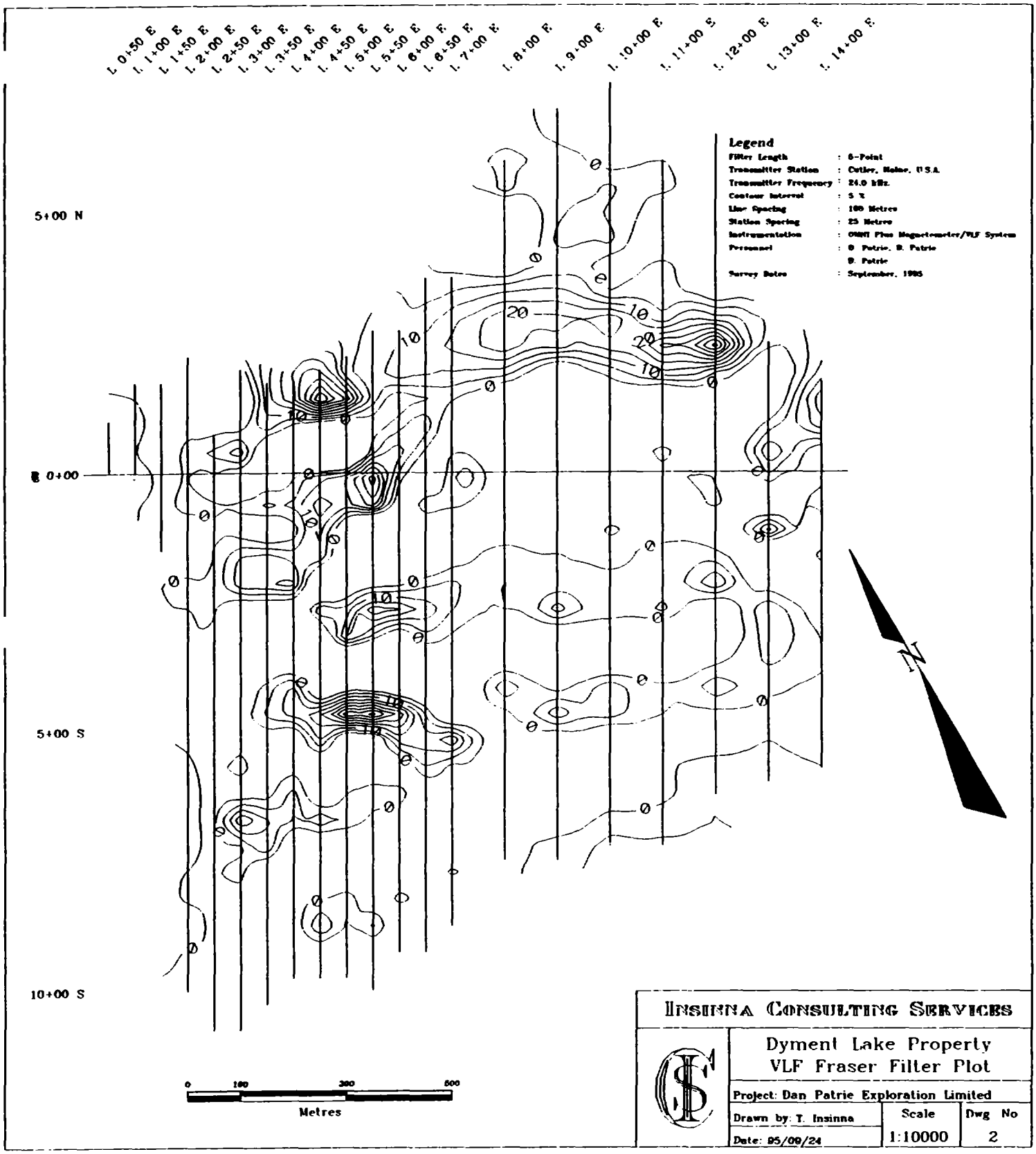
L 5+00 E
L 5+50 E
L 6+00 E
L 6+50 E
L 7+00 E
L 8+00 E
L 9+00 E
L 10+00 E
L 11+00 E
L 12+00 E
L 13+00 E
L 14+00 E
Legend
Reference Field
Datum Subtracted
Contour Interval : 200 nT.
Line Spacing : 100 Metres
Station Spacing : 25 Metres
Instrumentation
Base Station Location
Personnel
Survey Dates
5+00 N
B 0+00
5+00 S
10+00 S
200
N
0 100 300 500
Metres
Insinna Consulting Services
Dyment Lake Property
Total Magnetic Field Plot
Project: Dan Patrie Exploration Limited
Drawn by: T. Insinna
Date: 95/09/23
Scale
1:10000
Dwg No
1



INSINNA CONSULTING SERVICES

Dyment Lake Property
VLF Fraser Filter Plot

Project: Dan Patrie Exploration Limited

Drawn by: T. Insinna	Scale	Dwg No
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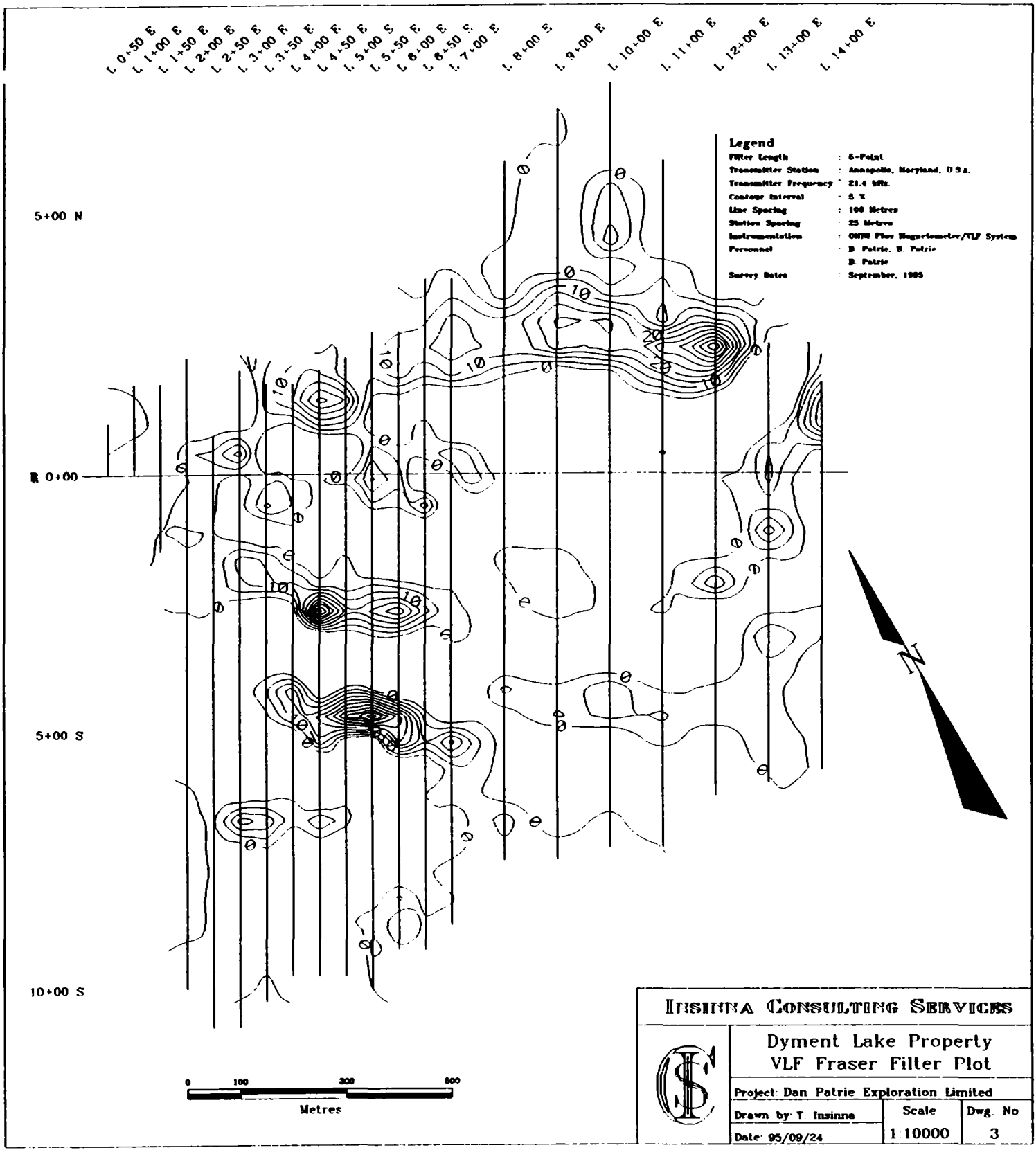
L 0+50 E
L 1+00 E
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L 4+00 E
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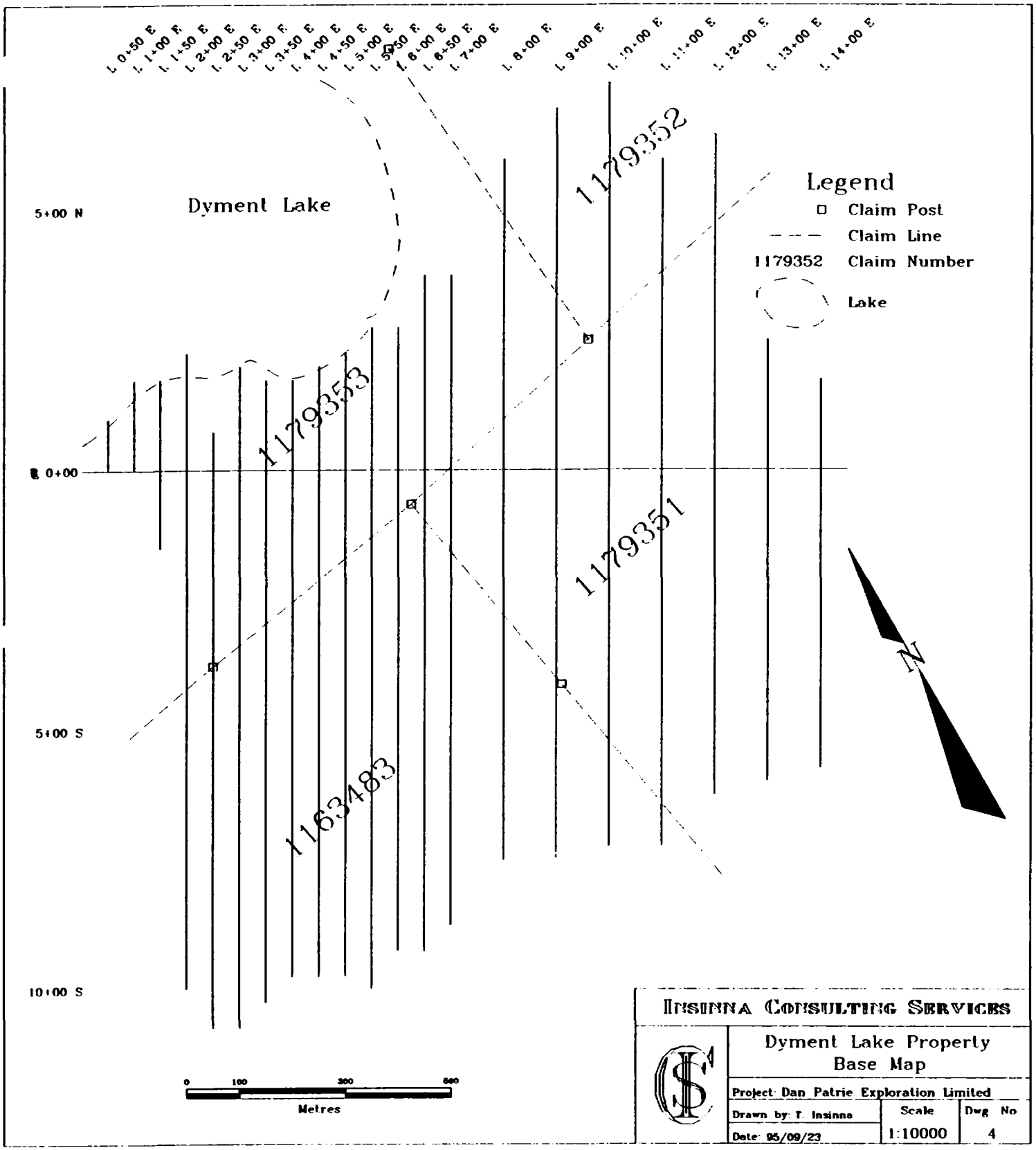
L 5+00 E
L 5+50 E
L 6+00 E
L 6+50 E
L 7+00 E
L 8+00 S
L 9+00 E
L 10+00 E
L 11+00 E
L 12+00 E
L 13+00 E
L 14+00 E
5+00 N
B 0+00
5+00 S
10+00 S
Legend
Filter Length : 6-Point
Transmitter Station : Annapolis, Maryland, U.S.A.
Transmitter Frequency : 21.4 kHz
Contour Interval : 5 %
Line Spacing : 100 Metres
Station Spacing : 25 Metres
Instrumentation : GEM Plus Magnetometer/VLF System
Personnel : D. Patrie, B. Patrie
B. Patrie
Survey Dates : September, 1995
N
0
100
300
600
Metres
INSINNA CONSULTING SERVICES
Dyment Lake Property
VLF Fraser Filter Plot
Project: Dan Patrie Exploration Limited
Drawn by: T. Insinna
Scale
1:10000
Dwg. No
3
Date: 95/09/24



INSINNA CONSULTING SERVICES

Dyment Lake Property
Base Map

Project: Dan Patrie Exploration Limited

Drawn by: T. Insinna	Scale	Dwg No
Date: 95/09/23	1:10000	4

APPENDIX 1

PERSONNEL

PERSONNEL

1. Dan Patrie
   P.O. Box 45
   Massey, Ontario
   POP 1PO

2. Bryan Patrie
   General Delivery
   Walford, Ontario
   POP 2E0

3. Brent Patrie
   P.O. Box 45
   Massey, Ontario
   POP 1PO

4. Jean Paul Paradis
   General Delivery
   Massey, Ontario
   POP 1P0

5. Dean Rogers
   General Delivery
   Espanola, Ontario

6. Charles Laundriault
   General Delivery
   Walford, Ontario
   P0P 2E0

7. James Spoares
   General Delivery
   Massey, Ontario
   P0P 1P0

8. Anthony Burli
   General Delivery
   Massey, Ontario
   P0P 1P0

APPENDIX 2

MAG DATA

Dyment Lake Property
Total Magnetic Field Data

Line	Station	TFM	TFM-Datum
1000	0	58849.1	749.1
1000	25	58683.9	583.9
1000	50	58300.9	200.9
1000	75	58240.4	140.4
1000	100	58243.4	143.4
1000	125	58225.9	125.9
1000	150	58203.4	103.4
1000	175	58225.8	125.8
1000	200	58192.9	92.9
1000	225	58311.0	211.0
1000	250	58195.7	95.7
1000	275	58167.2	67.2
1000	300	58153.9	53.9
1000	325	58169.6	69.6
1000	350	58167.4	67.4
1000	375	58145.5	45.5
1000	400	58167.4	67.4
1000	425	58146.9	46.9
1000	450	58163.5	63.5
1000	475	58147.4	47.4
1000	500	58161.2	61.2
1000	525	58159.2	59.2
1000	550	58148.9	48.9
1000	575	58169.6	69.6
1000	600	58172.0	72.0
1000	625	58156.9	56.9
1000	650	58185.7	85.7
1000	675	58183.6	83.6
1000	700	58167.6	67.6
1000	725	58179.1	79.1
1000	750	58177.4	77.4
900	700	58194.2	94.2
900	675	58185.8	85.8
900	650	58163.7	63.7
900	625	58187.0	87.0
900	600	58231.9	131.9
900	575	58218.1	118.1
900	550	58200.9	100.9
900	525	58202.3	102.3

900	500	58234.3	134.3
900	475	58311.6	211.6
900	450	58249.8	149.8
900	425	58173.2	73.2
900	400	58165.2	65.2
900	375	58165.2	65.2
900	350	58165.6	65.6
900	325	58174.9	74.9
900	300	58179.2	79.2
900	275	58190.4	90.4
900	250	58212.7	112.7
900	225	58210.8	110.8
900	200	58218.1	118.1
900	175	58268.9	168.9
900	150	58324.0	224.0
900	125	58476.2	376.2
900	100	58708.6	608.6
900	75	57841.0	-259.0
900	50	57786.2	-313.8
900	25	57956.1	-143.9
900	0	58007.2	-92.8
900	-25	58037.6	-62.4
900	-50	58063.5	-36.5
900	-75	58075.4	-24.6
900	-100	58084.8	-15.2
900	-125	58098.1	-1.9
900	-150	58106.4	6.4
900	-175	58124.4	24.4
900	-200	58142.8	42.8
900	-225	58171.9	71.9
900	-250	58199.1	99.1
900	-275	58326.7	226.7
900	-300	58317.7	217.7
900	-325	57803.8	-296.2
900	-350	58355.0	255.0
900	-375	59564.7	1464.7
900	-400	59123.5	1023.5
900	-425	60005.5	1905.5
900	-450	59026.5	926.5
900	-475	58142.3	42.3
900	-500	58933.7	833.7
900	-525	59575.9	1475.9

900	-550	58685.7	585.7
900	-575	58237.5	137.5
900	-600	58097.2	-2.8
900	-625	59241.0	1141.0
900	-650	59696.9	1596.9
900	-675	59966.6	1866.6
900	-700	58339.4	239.4
900	-725	58148.4	48.4
900	-750	58076.7	-23.3
800	-750	58080.4	-19.6
800	-725	58067.9	-32.1
800	-700	58171.3	71.3
800	-675	58248.6	148.6
800	-650	59434.4	1334.4
800	-625	60103.3	2003.3
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800	-550	58937.8	837.8
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800	-300	58244.6	144.6
800	-275	58288.8	188.8
800	-250	58300.9	200.9
800	-225	58300.9	200.9
800	-200	58172.0	72.0
800	-175	58407.3	307.3
800	-150	58262.3	162.3
800	-125	58225.9	125.9
800	-100	58166.7	66.7
800	-75	58106.5	6.5
800	-50	58097.9	-2.1
800	-25	58064.1	-35.9
800	0	58063.7	-36.3
800	25	58051.7	-48.3
800	25	58068.0	-32.0

800	50	58054.2	-45.8
800	75	58032.3	-67.7
800	100	58007.3	-92.7
800	125	57925.3	-174.7
800	150	56960.0	-1140.0
800	175	57391.1	-708.9
800	200	58379.6	279.6
800	225	58293.7	193.7
800	250	58266.4	166.4
800	275	58262.4	162.4
800	300	58324.5	224.5
800	325	58355.0	255.0
800	350	58159.8	59.8
800	375	58165.8	65.8
800	400	58164.8	64.8
800	425	58189.5	89.5
800	500	58168.4	68.4
800	525	58171.7	71.7
800	550	58173.1	73.1
800	575	58166.2	66.2
800	600	58147.2	47.2
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700	-725	59909.7	1809.7
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700	-150	58107.8	7.8
700	-125	58193.0	93.0
700	-100	58415.0	315.0
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700	-25	58101.5	1.5
700	0	58063.0	-37.0
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700	50	58036.9	-63.1
700	75	58021.7	-78.3
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700	225	57934.2	-165.8
700	250	58030.8	-69.2
700	275	57949.7	-150.3
700	300	57730.0	-370.0
700	325	58799.5	699.5
700	350	58315.0	215.0
700	375	58283.3	183.3
650	375	58427.3	327.3
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650	-625	59424.7	1324.7
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650	-675	59291.9	1191.9
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600	75	58070.4	-29.6
600	100	58043.7	-56.3
600	125	58049.1	-50.9

600	150	58065.9	-34.1
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600	225	58057.4	-42.6
600	250	58048.4	-51.6
600	275	58050.3	-49.7
550	275	58070.5	-29.5
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550	200	58087.8	-12.2
550	175	58082.2	-17.8
550	150	58103.9	3.9
550	125	58110.7	10.7
550	100	58121.7	21.7
550	75	58135.0	35.0
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550	-150	58111.2	11.2
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550	-800	59924.8	1824.8
550	-825	59073.2	973.2
550	-850	58729.2	629.2
550	-875	57967.2	-132.8
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550	-925	57943.5	-156.5
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550	-1000	59018.1	918.1
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450	-925	58689.3	589.3
450	-900	57981.4	-118.6
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450	-850	58019.0	-81.0
450	-825	58752.7	652.7
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450	-775	58945.5	845.5
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450	-700	58283.2	183.2
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450	-600	59078.5	978.5
450	-575	59447.8	1347.8
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450	-475	59051.7	951.7
450	-450	59289.9	1189.9
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450	-350	59068.2	968.2

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450	-225	57944.3	-155.7
450	-200	57935.9	-164.1
450	-175	57921.0	-179.0
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450	-125	58075.9	-24.1
450	-100	58052.7	-47.3
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450	-50	58130.2	30.2
450	0	58102.7	2.7
450	25	58049.3	-50.7
450	50	58040.3	-59.7
450	75	58050.1	-49.9
450	100	58074.0	-26.0
450	125	58038.5	-61.5
450	150	57964.7	-135.3
450	175	58071.1	-28.9
450	200	58378.4	278.4
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500	200	58178.5	78.5
500	175	58271.6	171.6
500	150	58130.3	30.3
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500	-675	58488.2	388.2
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1300	0	58218.0	118.0
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1100	475	58137.6	37.6
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1100	400	58138.0	38.0
1100	375	58129.5	29.5
1100	350	58149.5	49.5
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1100	275	58165.0	65.0
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400	-950	58472.1	372.1
400	-925	58129.8	29.8
400	-900	57993.5	-106.5
400	-875	58121.5	21.5
400	-850	58130.7	30.7
400	-825	58072.9	-27.1
400	-800	58353.9	253.9
400	-775	58293.8	193.8
400	-750	60292.8	2192.8
400	-725	59031.2	931.2

400	-700	58639.5	539.5
400	-675	58632.7	532.7
400	-650	58707.0	607.0
400	-625	58064.2	-35.8
400	-600	58021.5	-78.5
400	-575	58867.4	767.4
400	-550	59655.8	1555.8
400	-525	59143.3	1043.3
400	-500	58924.4	824.4
400	-475	58355.6	255.6
400	-450	58664.9	564.9
400	-425	59111.1	1011.1
400	-400	58987.0	887.0
400	-375	58802.8	702.8
400	-350	59638.9	1538.9
400	-325	59170.1	1070.1
400	-300	57661.7	-438.3
400	-275	59084.9	984.9
400	-250	58510.5	410.5
400	-225	57999.7	-100.3
400	-200	57873.8	-226.2
400	-175	57904.5	-195.5
400	-150	57956.9	-143.1
400	-125	58005.9	-94.1
400	-100	58020.0	-80.0
400	-75	58125.3	25.3
400	-50	58139.8	39.8
400	-25	58114.8	14.8
400	0	58106.3	6.3
400	25	58180.2	80.2
400	50	58143.9	43.9
400	75	58141.4	41.4
400	100	58111.6	11.6
400	125	58101.7	1.7
400	150	58075.3	-24.7
400	175	58050.8	-49.2
350	175	58068.6	-31.4
350	150	58092.8	-7.2
350	125	58102.9	2.9
350	100	58128.4	28.4
350	75	58207.9	107.9
350	50	58416.8	316.8

350	25	58075.8	-24.2
350	0	58145.5	45.5
350	-25	58200.1	100.1
350	-50	58126.7	26.7
350	-75	57903.4	-196.6
350	-100	57975.5	-124.5
350	-125	58023.5	-76.5
350	-150	57816.2	-283.8
350	-175	57853.4	-246.6
350	-200	57807.6	-292.4
350	-225	57869.8	-230.2
350	-250	58711.0	611.0
350	-275	59854.4	1754.4
350	-300	59948.6	1848.6
350	-325	56306.7	-1793.3
350	-350	59940.9	1840.9
350	-375	59194.6	1094.6
350	-400	58657.5	557.5
350	-425	59395.5	1295.5
350	-450	58936.2	836.2
350	-475	60454.9	2354.9
350	-500	57121.5	-978.5
350	-525	58624.2	524.2
350	-550	58867.0	767.0
350	-575	58227.2	127.2
350	-600	59982.9	1882.9
350	-625	59420.7	1320.7
350	-650	59599.7	1499.7
350	-675	59061.0	961.0
350	-700	58620.1	520.1
350	-725	58308.7	208.7
350	-750	58432.3	332.3
350	-775	59203.1	1103.1
350	-800	59454.3	1354.3
350	-825	59482.2	1382.2
350	-850	60398.1	2298.1
350	-875	58125.4	25.4
350	-900	58023.2	-76.8
350	-925	58665.5	565.5
350	-950	58739.8	639.8
350	-975	58063.4	-36.6
350	-1000	58092.4	-7.6

350	-1025	58147.7	47.7
300	-1075	58062.1	-37.9
300	-1050	58088.5	-11.5
300	-1025	58243.8	143.8
300	-1000	58183.3	83.3
300	-975	58585.7	485.7
300	-950	58794.4	694.4
300	-925	59315.3	1215.3
300	-900	59355.9	1255.9
300	-875	58978.1	878.1
300	-850	58849.8	749.8
300	-825	58939.7	839.7
300	-800	58838.6	738.6
300	-775	58118.5	18.5
300	-750	59174.6	1074.6
300	-725	59353.3	1253.3
300	-700	58620.8	520.8
300	-675	58785.0	685.0
300	-650	58755.8	655.8
300	-625	58657.5	557.5
300	-600	58423.7	323.7
300	-575	58725.3	625.3
300	-550	59213.6	1113.6
300	-525	59770.1	1670.1
300	-500	58645.2	545.2
300	-475	59409.1	1309.1
300	-450	59110.8	1010.8
300	-425	58674.3	574.3
300	-400	59078.4	978.4
300	-375	59428.7	1328.7
300	-350	59143.9	1043.9
300	-325	58500.1	400.1
300	-300	59555.3	1455.3
300	-275	59105.3	1005.3
300	-250	58098.8	-1.2
300	-225	57905.2	-194.8
300	-200	57875.1	-224.9
300	-175	57880.5	-219.5
300	-150	57895.9	-204.1
300	-125	57881.4	-218.6
300	-100	57926.8	-173.2
300	-75	57831.3	-268.7

300	-50	58001.3	-98.7
300	-25	58314.1	214.1
300	0	58203.3	103.3
300	25	58158.2	58.2
300	50	58144.4	44.4
300	75	58160.6	60.6
300	100	58205.7	105.7
300	125	58339.9	239.9
300	150	58893.7	793.7
300	175	57747.6	-352.4
300	200	58009.3	-90.7
200	225	58043.7	-56.3
200	200	58041.7	-58.3
200	175	58108.0	8.0
200	150	58111.3	11.3
200	125	58117.4	17.4
200	100	58130.3	30.3
200	75	58029.6	-70.4
200	50	58029.3	-70.7
200	25	58001.0	-99.0
200	0	57912.9	-187.1
200	-25	57873.4	-226.6
200	-50	57798.2	-301.8
200	-75	57801.7	-298.3
200	-100	57796.7	-303.3
200	-125	57799.3	-300.7
200	-150	57825.0	-275.0
200	-175	57824.9	-275.1
200	-200	57868.3	-231.7
200	-225	57868.2	-231.8
200	-250	57882.9	-217.1
200	-275	57908.3	-191.7
200	-300	57908.8	-191.2
200	-325	57909.3	-190.7
200	-350	57908.9	-191.1
200	-375	57913.2	-186.8
200	-400	57913.5	-186.5
200	-425	57913.4	-186.6
200	-450	57913.1	-186.9
200	-475	57914.5	-185.5
200	-500	57917.3	-182.7
200	-525	57915.6	-184.4

200	-550	57957.1	-142.9
200	-575	57960.1	-139.9
200	-600	57972.2	-127.8
200	-625	57969.0	-131.0
200	-650	57993.9	-106.1
200	-675	57994.2	-105.8
200	-700	58007.8	-92.2
200	-725	58003.0	-97.0
200	-750	57991.6	-108.4
200	-775	57987.9	-112.1
200	-800	57983.7	-116.3
200	-825	57986.9	-113.1
200	-850	57987.1	-112.9
200	-875	57989.5	-110.5
200	-900	58256.2	156.2
200	-925	58206.0	106.0
200	-950	58136.4	36.4
200	-975	58136.5	36.5
200	-1000	58098.1	-1.9
250	-1075	58094.3	-5.7
250	-1050	58097.9	-2.1
250	-1025	58067.7	-32.3
250	-1000	58083.7	-16.3
250	-975	58084.3	-15.7
250	-950	58102.3	2.3
250	-925	58121.3	21.3
250	-900	58108.9	8.9
250	-875	58106.5	6.5
250	-850	58099.2	-0.8
250	-825	58091.4	-8.6
250	-800	58087.6	-12.4
250	-775	58087.7	-12.3
250	-750	58088.1	-11.9
250	-725	58089.8	-10.2
250	-700	58090.3	-9.7
250	-675	58113.7	13.7
250	-650	58113.5	13.5
250	-625	58112.0	12.0
250	-600	58110.3	10.3
250	-575	58092.0	-8.0
250	-550	58092.7	-7.3
250	-525	58079.0	-21.0

250	-500	58105.6	5.6
250	-475	58105.2	5.2
250	-450	58085.0	-15.0
250	-425	58085.0	-15.0
250	-400	58055.1	-44.9
250	-375	58033.8	-66.2
250	-350	58034.0	-66.0
250	-325	58026.1	-73.9
250	-300	58023.4	-76.6
250	-275	58040.1	-59.9
250	-250	58072.6	-27.4
250	-225	58071.6	-28.4
250	-200	58084.4	-15.6
250	-175	58084.5	-15.5
250	-150	58084.3	-15.7
250	-125	58080.6	-19.4
250	-100	58091.7	-8.3
250	-75	58091.2	-8.8
250	-50	58091.7	-8.3
250	-25	58090.9	-9.1
250	0	58114.3	14.3
250	25	58096.9	-3.1
250	50	58079.7	-20.3
250	75	58080.2	-19.8
150	175	58099.0	-1.0
150	150	58099.6	-0.4
150	125	58078.2	-21.8
150	100	58078.9	-21.1
150	75	58077.4	-22.6
150	50	58077.9	-22.1
150	25	58084.2	-15.8
150	0	58050.5	-49.5
150	-25	58033.4	-66.6
150	-50	57983.7	-116.3
150	-75	57982.6	-117.4
150	-100	57976.0	-124.0
150	-125	57977.3	-122.7
150	-150	57977.9	-122.1
100	0	57975.6	-124.4
100	25	57885.1	-214.9
100	50	57884.9	-215.1
100	75	57882.6	-217.4

100	100	57975.3	-124.7
100	125	57974.6	-125.4
100	150	57980.5	-119.5
100	175	57981.0	-119.0
50	100	58031.3	-68.7
50	75	58034.4	-65.6
50	50	58045.5	-54.5
50	25	58044.8	-55.2
50	0	58024.3	-75.7
1000	0	58820.1	720.1
1000	-25	58268.2	168.2
1000	-50	58181.8	81.8
1000	-75	58045.5	-54.5
1000	-100	58055.1	-44.9
1000	-125	58086.5	-13.5
1000	-150	58110.6	10.6
1000	-175	58116.8	16.8
1000	-200	58102.9	2.9
1000	-225	58143.6	43.6
1000	-250	58166.5	66.5
1000	-275	58205.7	105.7
1000	-300	58345.6	245.6
1000	-325	58850.7	750.7
1000	-350	59722.8	1622.8
1000	-375	59510.7	1410.7
1000	-400	59904.3	1804.3
1000	-425	59713.9	1613.9
1000	-450	58728.5	628.5
1000	-475	58239.3	139.3
1000	-500	60122.6	2022.6
1000	-525	58293.2	193.2
1000	-550	58200.8	100.8
1000	-575	58111.8	11.8
1000	-600	58068.3	-31.7
1000	-625	58634.2	534.2
1000	-650	58645.4	545.4
1000	-675	58679.6	579.6
1000	-700	58109.9	9.9
1000	-725	58113.4	13.4
0	0	58056.7	-43.3
25	0	58067.3	-32.7
50	0	58077.7	-22.3

75	0	58077.2	-22.8
100	0	58088.9	-11.1
125	0	58099.6	-0.4
150	0	58100.4	0.4
175	0	58085.0	-15.0
200	0	58005.1	-94.9
225	0	57770.1	-329.9
250	0	58881.6	781.6
275	0	58338.1	238.1
300	0	58202.9	102.9
325	0	58168.0	68.0
350	0	58141.2	41.2
375	0	58102.8	2.8
400	0	58110.0	10.0
425	0	58125.9	25.9
450	0	58120.0	20.0
475	0	58103.7	3.7
500	0	58066.6	-33.4
525	0	58057.1	-42.9
550	0	58040.0	-60.0
575	0	58045.0	-55.0
600	0	58076.6	-23.4
625	0	58263.1	163.1
650	0	58125.8	25.8
675	0	58102.2	2.2
700	0	58087.6	-12.4
725	0	58290.8	190.8
750	0	58125.2	25.2
775	0	58098.0	-2.0
800	0	58068.2	-31.8
825	0	58077.9	-22.1
850	0	58079.4	-20.6
875	0	58078.9	-21.1
900	0	58063.1	-36.9
925	0	58055.0	-45.0
950	0	58057.2	-42.8
975	0	58051.2	-48.8
1000	0	58041.2	-58.8
1025	0	58033.0	-67.0
1050	0	58023.8	-76.2
1075	0	58007.5	-92.5
1100	0	57997.6	-102.4

1125	0	57980.8	-119.2
1150	0	57977.9	-122.1
1175	0	57955.7	-144.3
1200	0	57938.0	-162.0
1225	0	58002.0	-98.0
1250	0	58399.5	299.5
1275	0	58851.1	751.1
1300	0	58781.1	681.1
1325	0	58415.3	315.3
1350	0	58688.7	588.7
1375	0	58793.8	693.8
1400	0	58855.1	755.1

APPENDIX 3

VLF DATA

Dyment Lake Property

VLF Data - Cutler, Maine, U.S.A., 24.0 kHz.

Line	Station	I/P	Quad	T.Fld	Tilt	Dir	4-Fra	5-Fra
1000.0	0.0	13.0	-25.7	49.8	7.4	-52.2		
1000.0	25.0	18.9	-27.0	46.7	10.7	-32.6		
1000.0	50.0	15.9	-29.2	48.5	9.0	1.6		
1000.0	75.0	22.1	-29.0	47.3	12.4	-25.1	-3.3	
1000.0	100.0	27.1	-29.4	48.4	15.1	-69.1	-7.8	-5.6
1000.0	125.0	36.7	-23.7	48.6	20.2	-31.7	-13.9	-10.9
1000.0	150.0	50.0	-14.0	51.4	26.5	-42.0	-19.2	-16.6
1000.0	175.0	38.4	-22.5	62.7	21.0	-72.5	-12.2	-15.7
1000.0	200.0	33.1	-25.4	62.5	18.3	4.4	7.4	-2.4
1000.0	225.0	40.4	-23.9	62.1	22.0	-58.7	7.2	7.3
1000.0	250.0	46.1	-7.7	73.3	24.7	-5.1	-7.4	-0.1
1000.0	275.0	12.2	-15.1	84.5	6.9	11.5	8.7	0.6
1000.0	300.0	-0.4	-17.1	69.6	-0.2	-6.5	40.0	24.3
1000.0	325.0	-1.6	-14.3	61.6	-0.9	2.2	32.7	36.3
1000.0	350.0	0.6	-10.2	59.5	0.3	-36.7	7.3	20.0
1000.0	375.0	-0.7	-7.6	59.2	-0.4	-39.5	-1.0	3.1
1000.0	400.0	-1.8	-6.6	55.5	-1.0	-32.3	0.8	-0.1
1000.0	425.0	7.1	-0.9	53.7	4.0	-29.7	-3.1	-1.2
1000.0	450.0	4.6	1.2	60.7	2.6	25.3	-8.0	-5.6
1000.0	475.0	-6.8	-0.1	57.4	-3.9	-48.8	4.3	-1.9
1000.0	500.0	-0.7	2.7	56.3	-0.4	14.4	10.9	7.6
1000.0	525.0	-6.0	1.4	60.1	-3.4	-44.3	2.5	6.7
1000.0	550.0	-10.6	0.5	55.0	-6.0	16.4	5.1	3.8
1000.0	575.0	-13.2	-0.6	52.1	-7.5	-21.0	9.7	7.4
1000.0	600.0	-7.3	0.2	52.3	-4.1	-39.4	2.2	5.9
1000.0	625.0	-9.1	1.2	51.6	-5.2	-3.7	-4.2	-1.0
1000.0	650.0	-6.5	2.1	52.2	-3.7	4.3	-2.7	-3.5
1000.0	675.0	-9.1	-1.0	51.7	-5.1	-77.4	-0.5	-1.6
1000.0	700.0	-6.9	-0.4	48.1	-3.9	-6.8	0.1	-0.2
1000.0	725.0	-2.4	0.3	47.8	-1.3	-31.1	-3.6	-1.8
1000.0	750.0	1.4	0.9	46.6	0.8	-21.5	-8.5	-6.1
900.0	700.0	-17.6	0.7	101.6	-10.0	-5.2		
900.0	675.0	-4.4	0.6	48.8	-2.5	-29.6		
900.0	650.0	-8.4	-0.6	49.2	-4.8	-35.3		
900.0	625.0	-11.3	-1.9	52.0	-6.4	-25.8	1.3	
900.0	600.0	-10.8	-1.1	55.3	-6.1	-52.5	-5.2	-2.0
900.0	575.0	-6.9	-0.5	58.0	-3.9	-53.3	1.2	-2.0
900.0	550.0	-4.7	-0.6	57.6	-2.6	-46.6	6.0	3.6
900.0	525.0	-6.2	-0.5	57.1	-3.5	-42.0	3.9	4.9
900.0	500.0	-5.5	-1.6	59.0	-3.1	-19.9	-0.1	1.9

900.0	475.0	-2.9	-1.2	60.7	-1.6	-31.4	1.4	0.6
900.0	450.0	1.9	0.0	62.0	1.1	-35.8	6.1	3.7
900.0	425.0	3.8	-1.3	62.3	2.2	-27.6	8.0	7.0
900.0	400.0	4.5	-5.6	63.2	2.6	-12.6	5.3	6.6
900.0	375.0	4.4	-5.7	62.6	2.5	-14.0	1.8	3.5
900.0	350.0	5.7	-7.4	68.5	3.2	-18.6	0.9	1.3
900.0	325.0	13.9	-8.8	74.0	7.9	-12.1	6.0	3.4
900.0	300.0	22.9	-9.7	74.0	12.9	-18.7	15.1	10.5
900.0	275.0	31.2	-13.4	76.2	17.3	-9.4	19.1	17.1
900.0	250.0	48.9	-19.0	74.2	26.0	4.0	22.5	20.8
900.0	225.0	60.0	-22.1	62.5	31.0	-17.3	26.8	24.6
900.0	200.0	54.8	-26.8	56.1	28.7	-37.5	16.4	21.6
900.0	175.0	45.5	-31.0	52.6	24.4	-23.6	-3.9	6.2
900.0	150.0	37.3	-28.7	51.2	20.4	-59.6	-14.9	-9.4
900.0	125.0	28.9	-34.3	49.8	16.1	-26.2	-16.6	-15.8
900.0	100.0	24.7	-29.5	51.6	13.9	-48.4	-14.8	-15.7
900.0	75.0	16.7	-31.6	52.7	9.4	-33.9	-13.2	-14.0
900.0	50.0	32.8	-23.7	47.9	18.1	-32.4	-2.5	-7.9
900.0	25.0	20.6	-28.4	47.3	11.6	-32.1	6.4	1.9
900.0	0.0	22.4	-25.6	47.5	12.6	-33.7	-3.3	1.5
900.0	-25.0	13.8	-27.5	47.3	7.8	-11.1	-9.3	-6.3
900.0	-50.0	14.7	-25.5	47.4	8.3	-22.8	-8.1	-8.7
900.0	-75.0	10.5	-25.9	47.3	5.9	-19.3	-6.2	-7.2
900.0	-100.0	6.9	-25.7	47.6	3.9	-15.1	-6.3	-6.3
900.0	-125.0	4.0	-24.3	49.3	2.3	-31.1	-8.0	-7.2
900.0	-150.0	4.5	-22.4	50.3	2.6	-27.0	-4.9	-6.5
900.0	-175.0	7.5	-21.0	49.8	4.3	-33.6	0.7	-2.1
900.0	-200.0	5.2	-20.3	46.5	2.9	-12.1	2.3	1.5
900.0	-225.0	1.3	-18.2	50.8	0.7	-20.5	-3.3	-0.5
900.0	-250.0	6.7	-13.3	52.5	3.8	-22.6	-2.7	-3.0
900.0	-275.0	19.9	-4.8	52.7	11.2	-46.0	11.4	4.3
900.0	-300.0	20.6	-5.5	46.1	11.6	-25.3	18.3	14.8
900.0	-325.0	10.5	-10.2	44.1	5.9	-40.3	2.5	10.4
900.0	-350.0	9.7	-10.7	43.9	5.5	-26.3	-11.4	-4.5
900.0	-375.0	3.2	-13.1	43.7	1.8	-10.1	-10.2	-10.8
900.0	-400.0	-3.1	-12.6	46.3	-1.7	-10.7	-11.3	-10.8
900.0	-425.0	-3.8	-10.6	46.9	-2.2	-19.9	-11.2	-11.3
900.0	-450.0	-7.2	-8.7	51.9	-4.1	-41.8	-6.4	-8.8
900.0	-475.0	14.4	1.0	52.0	8.2	-22.0	8.0	0.8
900.0	-500.0	10.9	0.0	44.2	6.2	1.8	20.7	14.3
900.0	-525.0	6.6	-1.3	42.7	3.7	-25.4	5.8	13.2
900.0	-550.0	2.3	-1.8	44.5	1.3	-31.5	-9.4	-1.8
900.0	-575.0	2.5	-0.1	45.9	1.4	-18.4	-7.2	-8.3

900.0	-600.0	7.2	1.9	45.5	4.1	-4.9	0.5	-3.4
900.0	-625.0	0.0	0.1	43.6	0.0	-6.1	1.4	0.9
900.0	-650.0	-6.5	-1.2	43.2	-3.7	-30.1	-9.2	-3.9
900.0	-675.0	-11.1	-1.6	45.6	-6.3	-26.9	-14.1	-11.7
900.0	-700.0	-7.6	0.7	50.0	-4.3	-21.0	-6.9	-10.5
900.0	-725.0	-7.1	3.0	47.6	-4.0	-37.8	1.7	-2.6
900.0	-750.0	-9.6	1.3	47.7	-5.5	-2.2	1.1	1.4
800.0	-750.0	-17.2	1.7	45.7	-9.7	-29.3		
800.0	-725.0	-13.8	3.7	45.3	-7.8	-18.9		
800.0	-700.0	-7.1	7.5	45.5	-4.1	-24.5		
800.0	-675.0	-13.4	-0.8	45.8	-7.6	-37.4	-5.8	
800.0	-650.0	-9.4	1.1	46.6	-5.4	-24.8	1.1	-2.4
800.0	-625.0	-9.8	-2.2	44.3	-5.5	-16.3	-0.8	0.1
800.0	-600.0	-7.5	-2.5	43.1	-4.3	-22.5	-3.2	-2.0
800.0	-575.0	0.5	1.1	44.1	0.2	-22.2	-6.8	-5.0
800.0	-550.0	-2.0	-2.2	45.0	-1.1	-17.3	-8.9	-7.9
800.0	-525.0	2.2	-2.3	45.1	1.2	-32.6	-4.2	-6.6
800.0	-500.0	1.1	-3.7	44.7	0.6	-28.8	-2.7	-3.5
800.0	-475.0	6.1	-2.8	45.9	3.5	-23.5	-4.0	-3.4
800.0	-450.0	16.3	0.0	53.1	9.2	-24.5	-10.9	-7.5
800.0	-425.0	-5.9	-8.0	51.0	-3.3	-28.6	-1.8	-6.4
800.0	-400.0	-5.5	-9.3	46.2	-3.1	-22.4	19.1	8.6
800.0	-375.0	1.6	-8.8	46.2	0.9	-16.8	8.1	13.6
800.0	-350.0	1.5	-8.6	46.5	0.9	-16.1	-8.2	-0.1
800.0	-325.0	1.8	-10.6	45.8	1.0	-23.2	-4.1	-6.2
800.0	-300.0	8.5	-9.0	45.3	4.9	-23.4	-4.1	-4.1
800.0	-275.0	10.8	-9.6	46.8	6.2	-22.0	-9.2	-6.7
800.0	-250.0	7.4	-11.2	49.8	4.2	-22.4	-4.5	-6.9
800.0	-225.0	8.3	-13.7	48.2	4.7	-15.7	2.2	-1.2
800.0	-200.0	9.7	-13.6	48.9	5.5	-14.3	0.2	1.2
800.0	-175.0	7.8	-15.9	51.5	4.5	-16.6	-1.1	-0.5
800.0	-150.0	7.0	-16.5	53.9	4.0	-9.9	1.7	0.3
800.0	-125.0	1.3	-22.4	50.9	0.7	-13.8	5.3	3.5
800.0	-100.0	5.8	-23.4	48.5	3.3	-32.6	4.5	4.9
800.0	-75.0	13.1	-23.0	47.7	7.5	-19.0	-6.1	-0.8
800.0	-50.0	15.1	-22.5	48.6	8.6	-21.4	-12.1	-9.1
800.0	-25.0	14.9	-26.2	48.8	8.4	-28.9	-6.2	-9.2
800.0	0.0	19.7	-25.7	48.3	11.1	-32.7	-3.4	-4.8
800.0	25.0	22.5	-25.6	49.7	12.7	-24.1	-6.8	-5.1
800.0	50.0	25.5	-23.9	51.8	14.3	-24.1	-7.5	-7.2
800.0	75.0	30.7	-23.0	52.4	17.0	-21.2	-7.5	-7.5
800.0	100.0	33.2	-22.6	52.6	18.4	-29.6	-8.4	-8.0
800.0	125.0	38.7	-20.8	54.4	21.1	-25.3	-8.2	-8.3

800.0	150.0	44.9	-18.2	56.4	24.2	-17.1	-9.9	-9.1
800.0	175.0	54.4	-15.3	63.5	28.5	-38.6	-13.2	-11.6
800.0	200.0	53.7	-12.6	72.6	28.2	-23.7	-11.4	-12.3
800.0	225.0	37.7	-12.7	83.3	20.6	-13.8	3.9	-3.8
800.0	250.0	26.9	-12.7	82.1	15.0	-42.5	21.1	12.5
800.0	275.0	17.3	-12.3	84.9	9.8	-29.4	24.0	22.5
800.0	300.0	4.4	-11.4	79.9	2.5	-30.4	23.3	23.6
800.0	325.0	-5.0	-11.3	75.6	-2.8	-21.2	25.1	24.2
800.0	350.0	-15.2	-10.7	61.6	-8.6	-23.4	23.7	24.4
800.0	375.0	-13.0	-8.8	57.6	-7.4	-33.2	15.7	19.7
800.0	400.0	-8.4	-5.1	54.9	-4.8	-30.3	0.8	8.2
800.0	425.0	-6.9	-3.6	55.0	-3.9	-23.9	-7.3	-3.3
800.0	500.0	-2.7	-0.7	54.3	-1.5	-15.9	-6.8	-7.1
800.0	525.0	9.8	2.1	63.1	5.6	-8.5	-12.8	-9.8
800.0	550.0	12.9	0.9	73.2	7.3	-7.9	-18.3	-15.6
800.0	575.0	-3.9	-0.4	66.4	-2.2	-17.6	-1.0	-9.7
800.0	600.0	-10.6	0.9	58.5	-6.0	6.9	21.1	10.0
1400.0	-575.0	-7.4	26.5	48.4	-4.2	-19.9		
1400.0	-550.0	-0.1	-9.4	46.4	0.0	0.0		
1400.0	-525.0	-1.2	-2.2	49.4	-0.7	-25.6		
1400.0	-500.0	-1.7	-3.0	48.4	-1.0	-36.5	-2.5	
1400.0	-475.0	1.7	-2.1	47.1	1.0	-26.5	-0.7	-1.6
1400.0	-450.0	7.7	-1.2	48.0	4.4	-32.6	-7.1	-3.9
1400.0	-425.0	9.4	-0.9	49.2	5.3	-32.1	-9.7	-8.4
1400.0	-400.0	9.3	-2.2	52.1	5.3	-34.4	-5.2	-7.5
1400.0	-375.0	7.4	-3.6	53.1	4.2	-33.7	0.2	-2.5
1400.0	-350.0	7.7	-4.7	51.3	4.4	-29.8	2.0	1.1
1400.0	-325.0	7.3	-5.4	52.0	4.1	-36.6	1.0	1.5
1400.0	-300.0	9.0	-5.8	51.7	5.1	-21.5	-0.6	0.2
1400.0	-275.0	7.7	-9.8	50.9	4.4	-36.0	-1.0	-0.8
1400.0	-250.0	8.8	-11.4	50.8	5.0	-34.1	-0.2	-0.6
1400.0	-225.0	13.1	-10.8	49.8	7.4	-23.5	-2.9	-1.6
1400.0	-200.0	19.3	-9.1	50.3	10.9	-0.6	-8.9	-5.9
1400.0	-175.0	25.5	-6.7	52.3	14.3	-26.7	-12.8	-10.9
1400.0	-150.0	10.8	-16.6	59.5	6.1	-34.5	-2.1	-7.5
1400.0	-125.0	21.8	-13.5	55.3	12.3	-28.2	6.8	2.3
1400.0	-100.0	19.9	-3.5	83.7	11.2	-15.1	-3.1	1.8
1400.0	-75.0	26.8	-11.7	62.3	15.0	-26.8	-7.8	-5.5
1400.0	-50.0	20.5	-15.1	68.8	11.5	-22.6	-3.0	-5.4
1400.0	-25.0	17.1	-19.9	68.3	9.7	-30.3	5.0	1.0
1400.0	0.0	22.7	-22.5	65.3	12.8	-39.2	4.0	4.5
1400.0	25.0	19.9	-24.7	67.3	11.2	-68.4	-2.8	0.6
1400.0	50.0	27.5	-24.0	69.5	15.4	-16.9	-4.1	-3.5

1400.0	75.0	29.5	-21.5	74.4	16.4	-19.0	-7.8	-6.0
1400.0	100.0	23.2	-14.0	82.8	13.0	-21.9	-2.8	-5.3
1400.0	125.0	2.3	-7.4	82.6	1.3	5.1	17.5	7.3
1400.0	150.0	-7.5	-4.3	74.8	-4.3	-22.9	32.4	24.9
1400.0	175.0	-7.9	-0.1	69.6	-4.5	-14.7	23.1	27.7
1300.0	250.0	-3.5	3.9	79.6	-2.0	17.6		
1300.0	225.0	6.3	4.0	73.6	3.6	16.1		
1300.0	200.0	6.9	-0.6	69.3	3.9	9.0		
1300.0	175.0	8.6	-8.1	77.6	4.9	7.4	-7.2	
1300.0	150.0	30.9	-27.1	74.5	17.1	4.8	-14.5	-10.8
1300.0	125.0	27.4	-34.9	67.3	15.3	15.1	-23.6	-19.0
1300.0	100.0	24.6	-33.7	62.7	13.8	18.4	-7.1	-15.3
1300.0	75.0	24.2	-29.1	62.3	13.6	17.6	5.0	-1.0
1300.0	50.0	28.5	-27.6	55.8	15.9	-13.6	-0.4	2.3
1300.0	25.0	16.6	-28.6	53.4	9.4	37.3	2.1	0.9
1300.0	0.0	4.7	-30.1	53.7	2.6	37.4	17.5	9.8
1300.0	-25.0	-7.2	-27.3	61.7	-4.1	21.2	26.8	22.2
1300.0	-50.0	6.8	-18.2	67.5	3.9	25.1	12.2	19.5
1300.0	-75.0	16.8	-15.2	61.4	9.5	20.7	-14.9	-1.3
1300.0	-100.0	22.2	-13.9	56.3	12.5	20.0	-22.2	-18.5
1300.0	-125.0	-14.3	-3.3	107.1	-8.1	4.4	9.0	-6.6
1300.0	-150.0	-3.0	-14.6	67.1	-1.7	10.5	31.8	20.4
1300.0	-175.0	25.1	-8.6	72.3	14.1	16.5	-8.0	11.9
1300.0	-200.0	27.0	-10.7	56.1	15.1	38.8	-39.0	-23.5
1300.0	-225.0	21.5	-13.0	52.2	12.1	38.8	-14.8	-26.9
1300.0	-250.0	31.5	0.5	52.6	17.5	24.6	-0.4	-7.6
1300.0	-275.0	20.6	-4.7	48.7	11.6	28.2	-1.9	-1.1
1300.0	-300.0	12.5	-7.7	49.8	7.1	57.1	10.9	4.5
1300.0	-325.0	15.8	-6.1	51.2	9.0	14.8	13.0	12.0
1300.0	-350.0	8.8	-7.5	50.3	5.0	17.3	4.7	8.9
1300.0	-375.0	6.2	-6.5	52.4	3.5	19.7	7.6	6.2
1300.0	-400.0	6.1	-6.2	52.2	3.5	44.8	7.0	7.3
1300.0	-425.0	4.7	-5.9	50.6	2.6	25.3	2.4	4.7
1300.0	-450.0	3.5	-5.0	53.0	2.0	10.2	2.4	2.4
1300.0	-475.0	5.8	-3.7	52.9	3.3	33.1	0.8	1.6
1300.0	-500.0	7.9	-2.0	52.5	4.5	15.3	-3.2	-1.2
1300.0	-525.0	7.1	-0.4	49.3	4.0	20.5	-3.2	-3.2
1300.0	-550.0	5.6	-0.2	50.0	3.2	40.9	0.6	-1.3
1300.0	-575.0	9.0	1.7	47.3	5.1	9.4	0.2	0.4
1300.0	-600.0	-1.0	-3.2	47.5	-0.6	26.1	2.7	1.5
1200.0	-625.0	0.2	9.3	50.0	0.1	-1.2		
1200.0	-600.0	7.0	2.6	51.7	4.0	-34.6		
1200.0	-575.0	-1.4	0.6	52.8	-0.8	-25.7		

1200.0	-550.0	-0.6	0.3	49.7	-0.3	-35.3	5.2	
1200.0	-525.0	-2.3	-1.5	48.8	-1.3	-23.5	4.8	5.0
1200.0	-500.0	3.8	-1.2	49.3	2.2	-13.8	-2.0	1.4
1200.0	-475.0	12.1	1.3	53.5	6.9	-19.3	-10.7	-6.4
1200.0	-450.0	3.8	-3.8	51.7	2.2	-51.7	-8.2	-9.5
1200.0	-425.0	9.2	-0.7	55.0	5.3	-24.3	1.6	-3.3
1200.0	-400.0	-2.3	-9.1	54.4	-1.3	-34.9	5.1	3.3
1200.0	-375.0	-5.1	-11.2	51.9	-2.9	-15.9	11.7	8.4
1200.0	-350.0	2.4	-10.0	51.0	1.4	-26.8	5.5	8.6
1200.0	-325.0	-2.2	-10.6	49.1	-1.3	-12.1	-4.3	0.6
1200.0	-300.0	10.7	-9.3	48.2	6.1	-28.5	-6.3	-5.3
1200.0	-275.0	14.3	-8.0	51.0	8.1	-54.6	-14.1	-10.2
1200.0	-250.0	21.5	-3.4	52.0	12.1	-20.6	-15.4	-14.8
1200.0	-225.0	23.7	-3.0	68.4	13.3	-22.2	-11.2	-13.3
1200.0	-200.0	6.3	-10.6	64.7	3.6	-22.1	3.3	-4.0
1200.0	-175.0	-0.2	-19.2	58.1	-0.1	-27.0	21.9	12.6
1200.0	-150.0	5.8	-18.3	58.8	3.3	-44.8	13.7	17.8
1200.0	-125.0	1.6	-19.5	56.3	0.9	-26.5	-0.7	6.5
1200.0	-100.0	9.8	-18.7	53.9	5.6	-27.7	-3.3	-2.0
1200.0	-75.0	14.6	-19.0	57.3	8.3	-6.0	-9.7	-6.5
1200.0	-50.0	3.2	-26.2	58.7	1.8	-42.2	-3.6	-6.7
1200.0	-25.0	10.4	-25.9	55.2	5.9	-35.4	6.2	1.3
1200.0	0.0	*	*	*	*	*	*	*
1200.0	25.0	16.5	-23.0	58.6	9.4	-19.7		
1200.0	50.0	11.2	-32.2	57.3	6.4	-27.4		
1200.0	75.0	24.2	-29.2	54.7	13.6	-21.7		
1200.0	100.0	35.5	-23.6	56.2	19.5	-27.6	-20.8	
1200.0	125.0	33.0	-25.0	63.5	18.2	-21.5	-17.7	-19.3
1200.0	150.0	33.4	-31.7	64.1	18.5	-23.3	-3.6	-10.7
1200.0	175.0	50.3	-25.2	66.5	26.7	-0.2	-7.5	-5.6
1200.0	200.0	54.5	-15.6	77.6	28.6	-7.0	-18.6	-13.1
1200.0	225.0	40.7	-8.4	95.1	22.1	-1.4	-5.5	-12.1
1200.0	250.0	3.4	-3.9	95.3	1.9	5.0	31.3	12.9
1200.0	275.0	-12.6	0.6	82.7	-7.1	-19.1	55.9	43.6
1200.0	300.0	-17.2	4.2	73.4	-9.7	19.3	40.8	48.3
1200.0	325.0	-18.5	1.9	65.0	-10.5	-26.6	15.0	27.9
1200.0	350.0	-12.6	2.8	60.9	-7.2	-6.2	0.9	7.9
1200.0	375.0	-11.8	1.9	58.6	-6.7	-22.9	-6.3	-2.7
1200.0	400.0	-9.7	3.0	58.5	-5.5	-10.3	-5.5	-5.9
1200.0	425.0	-6.6	2.5	59.9	-3.8	-19.0	-4.6	-5.1
1200.0	450.0	-5.4	2.4	59.9	-3.1	-10.1	-5.3	-5.0
1200.0	475.0	-6.5	0.2	58.4	-3.7	8.2	-2.5	-3.9
1200.0	500.0	-5.9	1.0	56.0	-3.4	1.1	0.2	-1.2

1200.0	525.0	-1.6	2.7	60.1	-0.9	-8.9	-2.5	-1.2
1200.0	550.0	-3.6	1.2	59.7	-2.1	-24.1	-4.1	-3.3
1200.0	575.0	-0.4	2.5	60.1	-0.2	-12.0	-2.0	-3.1
1200.0	600.0	-0.1	1.9	59.6	0.0	-33.0	-2.8	-2.4
1200.0	625.0	0.0	2.3	61.7	0.0	-23.5	-2.3	-2.6
1200.0	650.0	-4.7	1.8	62.3	-2.7	-14.7	2.5	0.1
1100.0	600.0	-0.4	1.7	62.8	-0.2	-21.3		
1100.0	575.0	-0.2	1.6	62.6	-0.1	-26.2		
1100.0	550.0	0.9	1.5	61.9	0.5	-19.4		
1100.0	525.0	0.1	0.5	62.0	0.1	-10.6	0.9	
1100.0	500.0	2.8	0.9	61.2	1.6	-14.9	1.3	1.1
1100.0	475.0	0.9	0.2	60.3	0.5	-14.7	1.5	1.4
1100.0	450.0	-11.4	0.1	120.7	-6.5	-4.3	-7.7	-3.1
1100.0	425.0	-9.6	-0.4	110.6	-5.5	-3.6	-14.1	-10.9
1100.0	400.0	-13.8	-0.9	96.9	-7.8	-1.3	-7.3	-10.7
1100.0	375.0	-4.5	-1.7	86.4	-2.6	-10.2	1.6	-2.9
1100.0	350.0	-11.3	-2.1	81.7	-6.4	-17.2	4.3	2.9
1100.0	325.0	-8.4	-3.6	84.6	-4.8	-15.6	-0.8	1.7
1100.0	300.0	-5.7	-6.8	91.6	-3.2	-14.5	1.0	0.1
1100.0	275.0	-8.1	-4.3	115.5	-4.6	-6.6	3.4	2.2
1100.0	250.0	3.8	-7.5	110.1	2.1	-5.8	5.5	4.4
1100.0	225.0	25.7	-13.4	92.2	14.4	-7.4	24.3	14.9
1100.0	200.0	36.1	-14.9	73.2	19.8	3.2	36.7	30.5
1100.0	175.0	47.5	-13.1	59.8	25.4	-41.4	28.7	32.7
1100.0	150.0	35.5	-26.6	57.4	19.5	-19.1	10.7	19.7
1100.0	125.0	27.0	-33.2	54.0	15.1	-19.6	-10.6	0.0
1100.0	100.0	20.2	-34.2	53.9	11.4	-21.1	-18.4	-14.5
1100.0	75.0	16.3	-32.5	53.2	9.2	-33.4	-14.0	-16.2
1100.0	50.0	9.5	-32.5	55.5	5.4	-17.9	-11.9	-13.0
1100.0	25.0	20.0	-23.2	56.4	11.3	-67.0	-3.9	-7.9
1100.0	0.0	16.9	-22.5	55.3	9.5	-70.4	6.2	1.1
1100.0	-25.0	13.0	-24.4	54.2	7.4	-10.6	0.2	3.2
1100.0	-50.0	12.3	-23.8	53.5	7.0	-1.9	-6.4	-3.1
1100.0	-75.0	13.0	-21.7	53.8	7.4	-69.2	-2.5	-4.5
1100.0	-100.0	7.5	-21.9	54.3	4.3	-20.1	-2.7	-2.6
1100.0	-125.0	5.1	-19.4	55.2	2.9	-22.7	-7.2	-5.0
1100.0	-150.0	9.0	-16.4	55.0	5.1	-20.7	-3.7	-5.5
1100.0	-175.0	10.2	-15.4	54.0	5.8	-18.9	3.7	0.0
1100.0	-200.0	10.4	-14.1	54.5	5.9	-23.3	3.7	3.7
1100.0	-225.0	10.0	-12.7	54.0	5.7	-33.9	0.7	2.2
1100.0	-250.0	9.7	-10.7	56.3	5.5	-46.3	-0.5	0.1
1100.0	-275.0	16.5	-9.1	53.0	9.3	-69.4	3.2	1.3
1100.0	-300.0	19.7	-6.6	51.5	11.1	-26.8	9.2	6.2

1100.0	-325.0	13.4	-8.8	47.3	7.6	-30.5	3.9	6.5
1100.0	-350.0	4.4	-11.2	47.2	2.5	-14.2	-10.3	-3.2
1100.0	-375.0	3.8	-11.1	49.2	2.1	-24.5	-14.1	-12.2
1100.0	-400.0	0.0	-9.3	55.7	0.0	-17.2	-8.0	-11.1
1100.0	-425.0	12.0	-4.9	49.7	6.8	-26.9	2.2	-2.9
1100.0	-450.0	-2.2	-8.7	48.9	-1.2	-26.6	3.5	2.8
1100.0	-475.0	6.5	-2.0	56.2	3.7	-28.7	-4.3	-0.4
1100.0	-500.0	6.0	-1.2	49.1	3.4	-37.3	1.5	-1.4
1100.0	-525.0	-1.7	-4.3	51.4	-1.0	-23.4	-0.1	0.7
1100.0	-550.0	5.5	2.3	50.3	3.1	-34.3	-5.0	-2.6
1100.0	-575.0	-0.3	0.1	51.1	-0.1	-25.6	0.6	-2.2
1100.0	-600.0	2.0	1.7	50.0	1.1	-26.0	-1.1	-0.3
1100.0	-625.0	1.3	0.6	49.6	0.7	-28.8	-1.2	-1.2
1100.0	-650.0	1.2	0.8	48.7	0.7	-25.0	0.4	-0.4
1100.0	-675.0	-5.3	0.3	52.6	-3.0	-29.5	-4.1	-1.9
1100.0	-700.0	5.8	5.6	52.3	3.3	-4.9	-1.1	-2.6
1100.0	-725.0	4.5	6.1	50.2	2.6	7.7	8.2	3.5
700.0	-875.0	-13.0	1.0	49.8	-7.4	69.0	11.0	
700.0	-850.0	-12.0	2.3	49.8	-6.8	5.8		
700.0	-825.0	-7.0	4.2	50.0	-4.0	3.6		
700.0	-800.0	-5.4	4.5	48.6	-3.1	11.6	-7.1	
700.0	-775.0	-4.9	3.8	51.7	-2.8	21.0	-4.9	-6.0
700.0	-750.0	-7.7	0.5	49.5	-4.4	4.8	0.1	-2.4
700.0	-725.0	-5.3	0.4	47.6	-3.0	14.8	1.5	0.8
700.0	-700.0	-2.7	1.0	48.2	-1.5	0.4	-2.7	-0.6
700.0	-675.0	1.3	1.0	46.8	0.7	-13.6	-6.6	-4.7
700.0	-650.0	5.6	3.3	48.2	3.2	-24.8	-8.4	-7.5
700.0	-625.0	0.8	-1.4	49.0	0.4	-21.2	-4.4	-6.4
700.0	-600.0	7.0	0.3	47.9	4.0	-14.9	-0.5	-2.5
700.0	-575.0	9.9	0.5	49.0	5.6	-14.9	-6.0	-3.3
700.0	-550.0	18.3	3.8	56.0	10.3	-13.8	-11.5	-8.8
700.0	-525.0	1.6	-5.6	63.2	0.9	-14.8	-1.6	-6.6
700.0	-500.0	-18.2	-20.9	56.4	-10.3	-19.5	25.3	11.8
700.0	-475.0	-3.4	-17.0	49.7	-1.9	-19.4	23.4	24.3
700.0	-450.0	2.9	-13.4	49.2	1.7	-21.1	-9.2	7.1
700.0	-425.0	8.6	-11.3	50.6	4.9	-22.6	-18.8	-14.0
700.0	-400.0	9.2	-11.2	48.4	5.2	-26.0	-10.3	-14.6
700.0	-375.0	13.1	-9.6	49.6	7.4	-20.9	-6.0	-8.2
700.0	-350.0	15.7	-9.4	53.0	8.9	-19.5	-6.2	-6.1
700.0	-325.0	19.0	-9.2	52.8	10.7	-18.0	-7.0	-6.6
700.0	-300.0	17.6	-12.0	55.1	9.9	-16.1	-4.3	-5.7
700.0	-275.0	16.1	-13.3	56.1	9.1	-20.6	0.6	-1.9
700.0	-250.0	18.3	-11.9	60.5	10.3	-19.4	1.2	0.9

700.0	-225.0	7.7	-16.8	61.8	4.4	-19.8	4.3	2.7
700.0	-200.0	6.0	-21.0	57.7	3.4	-20.6	11.6	7.9
700.0	-175.0	8.8	-19.7	56.3	5.0	-25.3	6.3	8.9
700.0	-150.0	7.5	-20.0	54.9	4.3	-26.4	-1.5	2.4
700.0	-125.0	12.8	-19.1	53.5	7.3	-25.2	-3.2	-2.4
700.0	-100.0	16.5	-18.9	53.6	9.4	-25.3	-7.4	-5.3
700.0	-75.0	17.6	-18.2	55.9	9.9	-24.0	-7.7	-7.6
700.0	-50.0	18.8	-15.9	58.5	10.6	-24.3	-3.8	-5.8
700.0	-25.0	14.4	-17.4	60.7	8.2	-25.4	0.5	-1.7
700.0	0.0	12.1	-18.8	58.3	6.9	-23.4	5.4	2.9
700.0	25.0	17.9	-17.7	56.3	10.1	-23.2	1.8	3.6
700.0	50.0	14.6	-20.1	60.1	8.3	-19.0	-3.3	-0.8
700.0	75.0	13.7	-22.4	59.5	7.8	-21.3	0.9	-1.2
700.0	100.0	20.4	-19.5	59.0	11.5	-29.9	-0.9	0.0
700.0	125.0	31.2	-14.7	65.7	17.3	-18.4	-12.7	-6.8
700.0	150.0	15.7	-14.9	70.8	8.9	-27.2	-6.9	-9.8
700.0	175.0	27.8	-11.7	71.1	15.5	-22.2	4.4	-1.3
700.0	200.0	20.0	-11.8	79.1	11.3	-21.7	-0.6	1.9
700.0	225.0	11.1	-12.0	80.7	6.3	-23.2	6.8	3.1
700.0	250.0	4.4	-11.2	81.6	2.5	-19.0	18.0	12.4
700.0	275.0	-3.5	-10.9	76.5	-2.0	-19.0	17.1	17.5
700.0	300.0	-5.4	-9.8	73.3	-3.1	-18.7	13.9	15.5
700.0	325.0	-17.3	-10.7	71.4	-9.8	-18.5	13.4	13.6
700.0	350.0	-15.9	-9.5	63.3	-9.0	-24.6	13.7	13.5
700.0	375.0	-13.0	-7.8	61.9	-7.4	-4.4	3.5	8.6
650.0	375.0	-9.5	-6.4	56.9	-5.4	-17.5		
650.0	350.0	-11.4	-7.4	59.9	-6.5	-14.3		
650.0	325.0	-12.2	-8.3	65.7	-6.9	-19.2		
650.0	300.0	-6.9	-8.0	72.3	-4.0	-16.6	1.0	
650.0	275.0	-3.1	-9.4	71.5	-1.8	-20.4	7.6	4.3
650.0	250.0	-1.0	-10.7	75.2	-0.5	-18.4	8.6	8.1
650.0	225.0	4.2	-12.3	78.9	2.4	-24.2	7.7	8.1
650.0	200.0	14.7	-12.4	77.7	8.4	-24.7	13.1	10.4
650.0	175.0	18.2	-13.9	73.1	10.3	-28.8	16.8	14.9
650.0	150.0	18.3	-16.6	68.7	10.4	-31.5	9.9	13.3
650.0	125.0	11.1	-18.0	71.2	6.3	-32.5	-2.0	3.9
650.0	100.0	21.9	-17.0	70.8	12.3	-31.3	-2.1	-2.1
650.0	75.0	27.2	-17.7	64.1	15.2	-22.2	10.8	4.3
650.0	50.0	23.0	-18.8	62.6	12.9	-21.1	9.5	10.1
650.0	25.0	34.6	-13.6	57.4	19.1	-24.7	4.5	7.0
650.0	0.0	18.8	-21.2	51.9	10.6	-20.8	1.6	3.0
650.0	-25.0	3.0	-24.2	55.9	1.7	-21.8	-19.7	-9.1
650.0	-50.0	11.5	-17.7	58.6	6.5	-22.3	-21.5	-20.6

650.0	-75.0	14.9	-14.7	53.0	8.5	-24.8	2.7	-9.4
650.0	-100.0	14.6	-15.4	53.3	8.3	-30.7	8.6	5.6
650.0	-125.0	8.1	-18.0	50.8	4.6	-20.0	-2.1	3.2
650.0	-150.0	1.7	-19.6	51.8	1.0	-19.2	-11.2	-6.7
650.0	-175.0	-1.3	-18.4	53.2	-0.7	-23.7	-12.6	-11.9
650.0	-200.0	-10.3	-19.4	57.2	-5.9	-23.9	-12.2	-12.4
650.0	-225.0	-7.2	-14.7	65.2	-4.1	-24.6	-10.3	-11.3
650.0	-250.0	2.2	-11.3	63.5	1.2	-23.9	3.7	-3.3
650.0	-275.0	8.2	-9.0	61.5	4.6	-24.4	15.8	9.7
650.0	-300.0	12.3	-6.0	57.1	7.0	-24.4	14.5	15.1
650.0	-325.0	12.3	-5.0	56.0	7.0	-31.4	8.2	11.3
650.0	-350.0	16.7	-8.5	55.0	9.5	-37.6	4.9	6.5
650.0	-375.0	7.1	-8.9	56.2	4.0	-36.8	-0.5	2.2
650.0	-400.0	4.2	-10.7	56.3	2.4	-32.2	-10.1	-5.3
650.0	-425.0	-5.9	-11.8	58.4	-3.3	-37.7	-14.4	-12.3
650.0	-450.0	-7.7	-11.5	60.3	-4.4	-32.0	-14.1	-14.3
650.0	-475.0	-6.0	-11.0	61.5	-3.4	-22.0	-6.9	-10.5
650.0	-500.0	-1.1	-7.7	60.9	-0.6	-19.5	3.7	-1.6
650.0	-525.0	4.9	-4.4	59.4	2.8	-14.6	10.0	6.8
650.0	-550.0	10.9	-1.1	58.8	6.2	-17.6	13.0	11.5
650.0	-575.0	15.9	2.4	54.1	9.0	-14.3	13.0	13.0
650.0	-600.0	14.6	3.5	50.3	8.3	-9.4	8.3	10.6
650.0	-625.0	8.6	1.8	48.6	4.9	-14.9	-2.0	3.1
650.0	-650.0	5.4	0.8	50.2	3.1	-15.5	-9.3	-5.7
650.0	-675.0	4.8	1.8	48.4	2.7	-11.8	-7.4	-8.4
650.0	-700.0	0.4	2.1	47.1	0.2	-13.8	-5.1	-6.3
650.0	-725.0	-5.8	0.5	48.9	-3.3	-16.3	-8.9	-7.0
650.0	-750.0	-6.6	1.3	50.4	-3.7	2.8	-9.9	-9.4
650.0	-775.0	-9.0	0.9	52.5	-5.1	1.5	-5.7	-7.8
650.0	-800.0	-7.4	2.7	50.9	-4.2	-24.2	-2.3	-4.0
650.0	-825.0	-12.5	0.5	53.3	-7.1	-21.1	-2.5	-2.4
650.0	-850.0	-10.0	4.6	51.5	-5.7	-12.8	-3.5	-3.0
650.0	-875.0	-10.1	5.2	50.6	-5.8	-23.6	-0.2	-1.9
650.0	-900.0	-16.0	2.2	53.1	-9.1	-16.1	-2.1	-1.2
650.0	-925.0	-17.2	2.5	56.2	-9.7	-14.4	-7.3	-4.7
600.0	-925.0	-13.4	5.4	57.7	-7.6	8.7		
600.0	-900.0	-16.8	3.0	49.6	-9.5	-21.2		
600.0	-875.0	-12.0	5.2	51.5	-6.8	-6.4		
600.0	-850.0	-6.1	8.4	50.8	-3.4	-12.6	-6.9	
600.0	-825.0	-6.6	4.9	51.9	-3.8	-2.5	-9.1	-8.0
600.0	-800.0	-11.2	0.0	51.5	-6.4	-4.1	0.0	-4.6
600.0	-775.0	-6.9	1.8	49.5	-3.9	-8.9	3.1	1.5
600.0	-750.0	-7.3	-0.1	47.1	-4.2	-14.4	-2.1	0.5

600.0	-725.0	-0.2	3.6	47.6	-0.1	3.4	-6.0	-4.1
600.0	-700.0	4.6	7.1	48.7	2.6	4.9	-10.6	-8.3
600.0	-675.0	3.6	5.8	50.3	2.0	2.6	-8.9	-9.8
600.0	-650.0	8.9	6.5	51.3	5.1	-6.6	-4.6	-6.8
600.0	-625.0	6.8	4.4	58.6	3.8	-32.9	-4.3	-4.5
600.0	-600.0	0.8	3.5	53.8	0.4	-23.4	2.9	-0.7
600.0	-575.0	7.3	5.0	54.7	4.1	-25.9	4.4	3.6
600.0	-550.0	7.6	6.1	54.4	4.3	-18.5	-4.2	0.1
600.0	-525.0	19.5	10.5	55.3	11.0	-18.7	-10.8	-7.5
600.0	-500.0	9.4	3.1	64.3	5.4	-8.6	-8.0	-9.4
600.0	-475.0	-15.6	-4.8	69.7	-8.9	-10.6	18.8	5.4
600.0	-450.0	-28.8	-11.6	63.5	-16.0	-17.7	41.3	30.0
600.0	-425.0	-28.1	-18.1	50.0	-15.7	-26.1	28.2	34.7
600.0	-400.0	-14.2	-14.2	45.7	-8.0	-24.9	-1.2	13.5
600.0	-375.0	-7.3	-9.1	47.6	-4.2	-25.4	-19.5	-10.4
600.0	-350.0	-0.8	-4.9	45.5	-0.4	-22.9	-19.1	-19.3
600.0	-325.0	8.3	-1.1	47.2	4.7	-26.6	-16.5	-17.8
600.0	-300.0	23.1	3.8	56.8	13.0	-18.0	-22.3	-19.4
600.0	-275.0	4.0	-5.8	65.6	2.3	-17.8	-11.0	-16.7
600.0	-250.0	-7.7	-12.6	60.8	-4.4	-20.7	19.8	4.4
600.0	-225.0	-8.4	-15.8	58.3	-4.7	-18.4	24.4	22.1
600.0	-200.0	-9.8	-20.4	53.8	-5.6	-25.2	8.2	16.3
600.0	-175.0	-3.0	-20.1	51.4	-1.7	-23.6	-1.8	3.2
600.0	-150.0	6.3	-17.8	49.9	3.6	-21.3	-12.2	-7.0
600.0	-125.0	5.7	-16.6	52.0	3.2	-20.7	-14.1	-13.2
600.0	-100.0	7.7	-17.1	51.0	4.4	-19.3	-5.7	-9.9
600.0	-75.0	17.5	-14.2	50.3	9.9	-19.4	-7.5	-6.6
600.0	-50.0	30.1	-8.1	57.3	16.7	-20.0	-19.0	-13.3
600.0	-25.0	15.3	-16.5	62.2	8.7	-20.9	-11.1	-15.1
600.0	0.0	20.6	-18.4	57.6	11.6	-20.5	6.3	-2.4
600.0	25.0	24.1	-14.9	68.7	13.5	-23.2	0.3	3.3
600.0	50.0	18.5	-15.5	71.7	10.5	-25.0	-3.7	-1.7
600.0	75.0	3.6	-17.0	80.2	2.0	-25.6	12.6	4.4
600.0	100.0	-2.1	-21.7	62.0	-1.2	-25.0	23.2	17.9
600.0	125.0	11.6	-16.2	61.7	6.6	-24.6	7.1	15.1
600.0	150.0	15.5	-13.1	70.5	8.8	-22.1	-14.6	-3.8
600.0	175.0	12.4	-12.6	73.5	7.0	-27.5	-10.4	-12.5
600.0	200.0	0.7	-13.0	76.0	0.4	-20.7	8.0	-1.2
600.0	225.0	-1.0	-11.8	72.5	-0.6	-17.1	16.0	12.0
600.0	250.0	-9.1	-10.9	71.7	-5.2	-13.1	13.2	14.6
600.0	275.0	-10.2	-10.7	69.3	-5.8	-11.9	10.8	12.0
550.0	275.0	-11.2	-7.4	66.3	-6.3	-1.6		
550.0	250.0	-8.4	-8.6	67.6	-4.8	-16.0		

550.0	225.0	-7.1	-10.0	69.2	-4.0	-26.7		
550.0	200.0	-1.3	-11.2	68.7	-0.7	-25.6	6.4	
550.0	175.0	-3.1	-13.4	71.1	-1.7	-24.8	6.4	6.4
550.0	150.0	7.2	-13.8	71.5	4.1	-22.3	7.1	6.7
550.0	125.0	8.4	-16.4	67.5	4.8	-23.1	11.3	9.2
550.0	100.0	9.0	-20.2	62.7	5.1	-27.5	7.5	9.4
550.0	75.0	2.7	-20.5	62.4	1.5	-19.6	-2.3	2.6
550.0	50.0	2.8	-18.4	65.5	1.6	-27.3	-6.8	-4.6
550.0	25.0	3.9	-17.7	67.3	2.2	-22.0	-2.8	-4.8
550.0	0.0	11.8	-16.3	68.0	6.7	-20.6	5.8	1.5
550.0	-25.0	17.5	-15.7	65.3	9.9	-24.0	12.8	9.3
550.0	-50.0	89.7	-23.1	31.1	41.9	-57.5	42.9	27.8
550.0	-75.0	81.5	-19.4	29.7	39.2	-63.4	64.5	53.7
550.0	-100.0	63.7	-39.4	23.1	32.5	-61.5	19.9	42.2
550.0	-125.0	44.9	-40.0	23.5	24.1	-61.8	-24.5	-2.3
550.0	-150.0	6.1	-23.1	43.3	3.5	-21.0	-44.1	-34.3
550.0	-175.0	1.8	-22.2	45.0	1.0	-25.1	-52.1	-48.1
550.0	-200.0	-7.8	-22.4	47.6	-4.4	-25.1	-31.0	-41.6
550.0	-225.0	-11.0	-18.9	50.5	-6.3	-20.9	-15.2	-23.1
550.0	-250.0	-3.5	-12.1	54.6	-2.0	-21.7	-4.9	-10.1
550.0	-275.0	1.9	-9.4	56.2	1.1	-25.6	9.8	2.4
550.0	-300.0	24.4	-0.9	55.0	13.7	-24.2	23.1	16.4
550.0	-325.0	31.6	5.7	44.4	17.5	-27.8	32.1	27.6
550.0	-350.0	10.5	-5.7	39.5	6.0	-24.4	8.7	20.4
550.0	-375.0	-1.4	-11.4	39.2	-0.8	-22.0	-26.0	-8.7
550.0	-400.0	-13.1	-17.2	41.0	-7.4	-22.3	-31.7	-28.9
550.0	-425.0	-32.3	-20.7	48.4	-17.9	-25.2	-30.5	-31.1
550.0	-450.0	-15.5	-7.9	63.6	-8.8	-19.2	-18.5	-24.5
550.0	-475.0	24.0	5.3	63.1	13.5	-3.6	30.0	5.7
550.0	-500.0	30.6	14.1	48.2	17.0	-25.9	57.2	43.6
550.0	-525.0	13.8	5.9	44.9	7.8	-24.3	20.1	38.6
550.0	-550.0	7.0	2.6	45.3	4.0	-22.0	-18.7	0.7
550.0	-575.0	3.3	0.9	46.9	1.9	-26.1	-18.9	-18.8
550.0	-600.0	5.9	2.3	46.9	3.3	-25.4	-6.6	-12.8
550.0	-625.0	2.3	2.0	47.7	1.3	-31.1	-1.3	-4.0
550.0	-650.0	11.0	6.2	52.4	6.3	-26.7	2.4	0.5
550.0	-675.0	8.8	7.4	45.3	5.0	-25.9	6.7	4.5
550.0	-700.0	4.5	5.4	48.2	2.5	-20.1	-0.1	3.3
550.0	-725.0	4.6	6.5	45.4	2.6	-30.4	-6.2	-3.2
550.0	-750.0	-4.1	5.3	44.1	-2.3	-5.9	-7.2	-6.7
550.0	-775.0	1.7	9.0	46.7	0.9	-19.9	-6.5	-6.9
550.0	-800.0	-5.7	6.1	45.0	-3.2	-23.0	-2.6	-4.6
550.0	-825.0	-11.3	5.3	39.3	-6.4	-16.1	-8.2	-5.4

550.0	-850.0	-14.7	5.6	41.7	-8.3	-20.7	-12.4	-10.3
550.0	-875.0	1.0	14.5	42.2	0.6	-13.1	1.9	-5.3
550.0	-900.0	-5.8	12.3	37.0	-3.3	-9.5	12.0	6.9
550.0	-925.0	-9.1	11.9	38.1	-5.2	1.3	-0.8	5.6
550.0	-950.0	-13.4	10.5	39.1	-7.6	2.1	-10.1	-5.5
550.0	-975.0	-11.6	12.8	40.8	-6.6	-3.1	-5.7	-7.9
550.0	*******	-11.3	12.9	42.0	-6.4	12.7	-0.2	-3.0
450.0	-975.0	-40.8	8.7	40.9	-22.2	-27.2		
450.0	-950.0	-42.3	9.9	39.0	-22.9	-25.9		
450.0	-925.0	-31.2	14.9	34.2	-17.3	-31.8		
450.0	-900.0	-30.9	22.0	28.3	-17.1	-36.0	-10.7	
450.0	-875.0	-36.0	23.4	27.1	-19.8	-51.5	-3.3	-7.0
450.0	-850.0	-39.8	21.7	24.9	-21.7	-53.6	7.1	1.9
450.0	-825.0	-52.7	5.4	24.0	-27.7	-53.7	12.5	9.8
450.0	-800.0	-39.6	7.3	23.9	-21.6	-58.4	7.8	10.1
450.0	-775.0	-41.7	7.5	22.5	-22.6	-53.0	-5.2	1.3
450.0	-750.0	-25.8	13.1	22.2	-14.5	-53.5	-12.2	-8.7
450.0	-725.0	-17.4	16.3	21.1	-9.9	-54.9	-19.8	-16.0
450.0	-700.0	-7.6	18.3	23.4	-4.3	-57.5	-22.9	-21.4
450.0	-675.0	-27.7	0.7	24.4	-15.4	-55.8	-4.7	-13.8
450.0	-650.0	-27.4	-0.6	27.7	-15.3	-61.0	16.5	5.9
450.0	-625.0	-19.7	0.1	27.4	-11.1	-63.7	6.7	11.6
450.0	-600.0	-17.7	4.2	28.6	-10.0	-64.7	-9.6	-1.5
450.0	-575.0	-14.0	7.6	26.2	-7.9	-62.2	-8.5	-9.1
450.0	-550.0	-7.1	8.0	24.8	-4.1	-61.9	-9.1	-8.8
450.0	-525.0	0.8	13.1	26.0	0.4	-62.5	-14.2	-11.7
450.0	-500.0	-8.1	1.5	31.5	-4.6	-63.2	-7.8	-11.0
450.0	-475.0	-29.4	-14.3	27.5	-16.4	-55.5	17.3	4.7
450.0	-450.0	-35.8	-24.9	28.3	-19.7	-59.2	31.9	24.6
450.0	-425.0	-36.4	-44.2	26.2	-20.0	-59.4	18.7	25.3
450.0	-400.0	-6.1	-18.1	25.9	-3.5	-64.2	-12.6	3.0
450.0	-375.0	-32.9	-19.5	32.2	-18.2	-65.2	-18.0	-15.3
450.0	-350.0	2.6	-7.9	1.1	1.5	-72.8	-6.8	-12.4
450.0	-325.0	-9.2	-18.9	14.7	-5.2	-57.8	-18.0	-12.4
450.0	-300.0	3.6	-9.1	13.9	2.0	-57.3	-13.5	-15.8
450.0	-275.0	28.9	-6.6	13.3	16.1	-37.4	-21.8	-17.7
450.0	-250.0	-45.6	-57.4	21.2	-24.5	-30.8	5.2	-8.3
450.0	-225.0	23.3	-22.9	23.4	13.1	-59.3	29.5	17.3
450.0	-200.0	14.7	-37.8	23.5	8.3	-53.4	-29.8	-0.2
450.0	-175.0	16.6	-32.3	27.4	9.4	-60.9	-29.1	-29.5
450.0	-150.0	13.6	-28.9	31.2	7.7	-63.9	4.3	-12.4
450.0	-125.0	6.2	-28.5	32.7	3.5	-64.5	6.5	5.4
450.0	-100.0	-2.5	-26.9	34.7	-1.4	-62.3	15.0	10.7

450.0	-75.0	1.0	-32.1	31.4	0.5	-58.1	12.1	13.5
450.0	-50.0	-16.5	-41.7	29.6	-9.3	-54.8	10.9	11.5
450.0	0.0	-24.4	-44.2	29.4	-13.7	-52.7	22.1	16.5
450.0	25.0	-19.4	-39.0	29.6	-10.9	-59.6	15.8	18.9
450.0	50.0	-3.3	-45.6	23.6	-1.9	-51.9	-10.2	2.8
450.0	75.0	-3.3	-42.4	22.5	-1.9	-49.4	-20.8	-15.5
450.0	100.0	31.8	-34.3	23.3	17.6	-46.8	-28.5	-24.7
450.0	125.0	5.2	-42.4	21.1	3.0	-36.7	-24.4	-26.5
450.0	150.0	-23.6	-36.6	23.5	-13.2	-39.7	25.9	0.7
450.0	175.0	-51.1	-46.4	19.6	-27.0	-8.0	60.8	43.3
450.0	200.0	-52.4	-36.1	18.8	-27.6	11.5	44.4	52.6
500.0	225.0	23.0	-26.9	18.0	12.9	-12.5		
500.0	200.0	5.6	-25.9	27.1	3.2	-53.3		
500.0	175.0	2.2	-28.2	29.0	1.2	-54.4		
500.0	150.0	11.5	-32.1	29.6	6.5	-52.3	-8.4	
500.0	125.0	48.7	-35.7	27.3	26.0	-43.6	28.1	9.8
500.0	100.0	46.8	-39.5	26.1	25.1	-45.6	43.4	35.7
500.0	75.0	36.1	-34.2	28.5	19.8	-53.5	12.4	27.9
500.0	50.0	23.1	-41.0	27.7	13.0	-53.9	-18.3	-3.0
500.0	25.0	1.1	-16.7	62.7	0.6	-26.6	-31.3	-24.8
500.0	0.0	2.8	-16.4	66.8	1.6	-21.1	-30.6	-31.0
500.0	-25.0	11.1	-14.3	68.6	6.3	-21.5	-5.7	-18.2
500.0	-50.0	26.9	-11.8	66.9	15.0	-21.2	19.1	6.7
500.0	-75.0	33.8	-12.6	55.2	18.6	-22.5	25.7	22.4
500.0	-100.0	29.3	-19.2	47.1	16.3	-26.0	13.6	19.6
500.0	-125.0	12.6	-25.4	44.8	7.2	-17.8	-10.1	1.7
500.0	-150.0	17.5	-18.2	45.8	9.9	-22.6	-17.8	-14.0
500.0	-175.0	5.2	-22.2	43.7	3.0	-17.3	-10.6	-14.2
500.0	-200.0	2.8	-18.9	46.6	1.6	-11.6	-12.5	-11.6
500.0	-225.0	-6.0	-19.5	48.9	-3.4	-12.0	-14.7	-13.6
500.0	-250.0	-0.5	-14.6	48.6	-0.3	-17.0	-8.3	-11.5
500.0	-275.0	-6.4	-13.2	51.5	-3.6	-15.4	-2.1	-5.2
500.0	-300.0	5.1	-5.0	56.1	2.9	-22.3	3.0	0.4
500.0	-325.0	21.7	0.3	55.3	12.2	-23.3	19.0	11.0
500.0	-350.0	20.4	-3.0	43.9	11.5	-25.0	24.4	21.7
500.0	-375.0	3.7	-10.9	43.1	2.1	-33.4	-1.5	11.4
500.0	-400.0	-11.7	-20.9	42.9	-6.7	-29.8	-28.3	-14.9
500.0	-425.0	-23.6	-18.1	51.8	-13.3	-16.0	-33.6	-31.0
500.0	-450.0	-8.7	-6.9	64.6	-4.9	-22.0	-13.6	-23.6
500.0	-475.0	17.1	1.0	66.7	9.7	-21.5	24.8	5.6
500.0	-500.0	40.3	15.9	51.6	21.9	-24.3	49.8	37.3
500.0	-525.0	13.9	1.0	45.4	7.9	-32.0	25.0	37.4
500.0	-550.0	5.9	1.9	47.8	3.4	-29.1	-20.3	2.3

500.0	-575.0	4.8	3.6	48.7	2.7	-24.8	-23.7	-22.0
500.0	-600.0	0.9	1.2	47.8	0.5	-29.0	-8.1	-15.9
500.0	-625.0	-0.4	2.6	52.0	-0.2	-48.0	-5.8	-7.0
500.0	-650.0	-0.9	2.2	49.5	-0.5	-20.0	-3.9	-4.9
500.0	-675.0	13.3	9.7	52.2	7.5	-17.6	6.7	1.4
500.0	-700.0	4.8	8.0	46.1	2.7	-21.0	10.9	8.8
500.0	-725.0	-0.8	7.2	47.1	-0.4	-25.6	-4.7	3.1
500.0	-750.0	-2.0	6.9	48.3	-1.1	-21.9	-11.7	-8.2
500.0	-775.0	-6.2	7.7	45.8	-3.5	-16.0	-6.9	-9.3
500.0	-800.0	-9.0	6.9	48.9	-5.1	-25.7	-7.1	-7.0
500.0	-825.0	-11.6	5.8	51.9	-6.6	-16.8	-7.1	-7.1
500.0	-850.0	-3.2	12.4	50.9	-1.8	-17.3	0.2	-3.5
500.0	-875.0	-5.4	10.6	52.0	-3.0	-31.6	6.9	3.5
500.0	-900.0	-4.6	13.0	49.4	-2.6	-20.3	2.8	4.8
500.0	-925.0	-13.5	9.8	49.5	-7.7	-24.3	-5.5	-1.4
500.0	-950.0	-16.3	9.1	51.3	-9.3	-25.0	-11.4	-8.5
500.0	-975.0	-19.7	7.7	55.6	-11.1	-21.5	-10.1	-10.8
400.0	975.0	-28.8	5.3	48.8	-16.0	-19.3		
400.0	-950.0	-22.0	8.1	45.9	-12.4	-10.8		
400.0	-925.0	-17.2	8.3	46.6	-9.7	-15.5		
400.0	-900.0	-15.7	9.5	47.3	-8.9	-34.7	-9.8	
400.0	-875.0	-14.7	10.1	46.8	-8.3	-31.9	-4.9	-7.4
400.0	-850.0	-10.3	11.4	46.0	-5.8	-33.4	-4.5	-4.7
400.0	-825.0	-10.8	9.4	46.0	-6.1	-29.0	-5.3	-4.9
400.0	-800.0	-11.7	7.4	46.2	-6.6	-14.5	-1.4	-3.4
400.0	-775.0	-7.3	7.9	43.7	-4.2	-22.2	-1.1	-1.3
400.0	-750.0	-6.6	7.9	44.1	-3.8	-19.3	-4.7	-2.9
400.0	-725.0	0.1	8.9	42.9	0.0	-30.0	-7.0	-5.9
400.0	-700.0	3.9	8.7	45.2	2.2	-17.9	-10.2	-8.6
400.0	-675.0	10.1	8.4	48.6	5.8	-25.5	-11.8	-11.0
400.0	-650.0	-1.5	2.8	50.1	-0.8	-36.1	-2.8	-7.3
400.0	-625.0	-0.7	2.7	50.9	-0.4	-25.6	9.2	3.2
400.0	-600.0	-6.3	0.5	48.8	-3.6	-26.0	9.0	9.1
400.0	-575.0	-6.5	0.4	48.1	-3.7	-20.8	6.1	7.5
400.0	-550.0	-6.0	1.0	46.8	-3.4	-24.9	3.1	4.6
400.0	-525.0	-0.2	2.4	45.2	-0.1	-30.9	-3.8	-0.4
400.0	-500.0	8.2	5.6	48.5	4.7	-24.3	-11.7	-7.8
400.0	-475.0	9.9	5.4	52.6	5.7	-19.0	-13.9	-12.8
400.0	-450.0	0.0	1.7	55.1	0.0	-25.3	-1.1	-7.5
400.0	-425.0	-10.9	-4.5	52.4	-6.2	-11.5	16.6	7.7
400.0	-400.0	-20.2	-10.9	48.7	-11.4	-16.7	23.3	19.9
400.0	-375.0	-8.6	-10.1	43.8	-4.9	-21.7	10.1	16.7
400.0	-350.0	-11.3	-10.7	43.4	-6.4	-24.0	-6.3	1.9

400.0	-325.0	-2.3	-9.7	40.9	-1.3	-24.9	-8.6	-7.5
400.0	-300.0	4.1	-8.1	40.4	2.3	-28.5	-12.3	-10.5
400.0	-275.0	16.5	-4.3	40.0	9.3	-24.3	-19.3	-15.8
400.0	-250.0	24.6	-0.7	45.2	13.8	-19.0	-22.1	-20.7
400.0	-225.0	22.0	-4.4	51.7	12.4	-12.2	-14.6	-18.4
400.0	-200.0	10.0	-8.9	55.8	5.7	-21.8	5.0	-4.8
400.0	-175.0	-0.2	-12.3	54.3	-0.1	-21.3	20.6	12.8
400.0	-150.0	-2.1	-13.8	52.9	-1.2	-19.5	19.4	20.0
400.0	-125.0	-0.4	-15.0	50.6	-0.2	-22.0	7.0	13.2
400.0	-100.0	0.8	-14.3	51.0	0.4	-16.9	-1.5	2.7
400.0	-75.0	3.9	-14.0	51.8	2.2	-32.0	-4.0	-2.8
400.0	-50.0	2.1	-14.3	54.9	1.2	-26.6	-3.2	-3.6
400.0	-25.0	-7.7	-17.5	55.7	-4.4	-16.4	5.8	1.3
400.0	0.0	-7.4	-20.8	50.2	-4.2	-18.8	12.0	8.9
400.0	25.0	2.2	-17.8	47.8	1.2	-13.8	-0.2	5.9
400.0	50.0	7.0	-17.3	47.4	4.0	-18.3	-13.8	-7.0
400.0	75.0	14.6	-14.2	48.6	8.3	-17.0	-15.3	-14.6
400.0	100.0	20.4	-10.1	56.7	11.5	-14.8	-14.6	-15.0
400.0	125.0	11.1	-9.7	61.3	6.3	-22.6	-5.5	-10.1
400.0	150.0	1.6	-11.2	60.2	0.9	-15.2	12.6	3.5
400.0	175.0	-1.8	-11.6	55.1	-1.0	-17.6	17.9	15.2
350.0	175.0	3.9	-9.8	52.2	2.2	-20.9		
350.0	150.0	0.2	-11.8	55.9	0.1	-13.1		
350.0	125.0	10.3	-10.2	60.0	5.9	-15.8		
350.0	100.0	17.2	-10.1	60.6	9.7	-23.9	13.3	
350.0	75.0	25.3	-9.9	51.6	14.2	-16.1	17.9	15.6
350.0	50.0	16.9	-13.8	48.1	9.6	-14.9	8.2	13.0
350.0	25.0	9.9	-16.2	47.1	5.6	-12.6	-8.7	-0.3
350.0	0.0	4.0	-17.7	49.0	2.3	-9.5	-15.9	-12.3
350.0	-25.0	-1.2	-18.1	50.3	-0.7	-11.9	-13.6	-14.8
350.0	-50.0	4.0	-13.1	57.7	2.3	-12.3	-6.3	-10.0
350.0	-75.0	13.7	-11.4	50.3	7.8	-19.5	8.5	1.1
350.0	-100.0	5.8	-12.8	47.5	3.3	-16.4	9.5	9.0
350.0	-125.0	2.2	-12.6	47.4	1.2	-20.0	-5.6	1.9
350.0	-150.0	-8.5	-12.7	54.0	-4.8	-30.5	-14.7	-10.2
350.0	-175.0	13.6	-7.2	56.0	7.7	-10.8	-1.6	-8.2
350.0	-200.0	10.4	-6.9	55.7	5.9	-12.1	17.2	7.8
350.0	-225.0	29.7	-2.8	51.6	16.5	-23.7	19.5	18.3
350.0	-250.0	23.2	-2.5	45.7	13.1	-18.8	16.0	17.7
350.0	-275.0	21.0	-3.0	43.6	11.8	-18.5	2.5	9.2
350.0	-300.0	12.8	-4.7	40.0	7.3	-27.3	-10.5	-4.0
350.0	-325.0	3.0	-6.1	40.5	1.7	-12.9	-15.9	-13.2
350.0	-350.0	-0.4	-5.8	41.6	-0.2	-16.6	-17.6	-16.8

350.0	-375.0	-5.3	-7.2	43.9	-3.0	-15.4	-12.2	-14.9
350.0	-400.0	-8.1	-5.7	46.6	-4.6	-12.9	-9.1	-10.7
350.0	-425.0	-3.7	-1.8	45.3	-2.1	-20.0	-3.5	-6.3
350.0	-450.0	-2.2	0.0	52.1	-1.3	-18.2	4.2	0.3
350.0	-475.0	-7.4	-1.1	49.2	-4.2	-36.5	1.2	2.7
350.0	-500.0	9.0	2.1	52.0	5.1	-45.9	4.3	2.7
350.0	-525.0	-1.0	-0.4	48.5	-0.5	-50.8	10.1	7.2
350.0	-550.0	-6.2	-0.6	48.8	-3.5	-30.3	-4.9	2.6
350.0	-575.0	-4.1	-0.3	50.3	-2.3	-36.1	-10.4	-7.7
350.0	-600.0	-7.9	-1.7	47.8	-4.5	-23.0	-2.8	-6.6
350.0	-625.0	-10.5	-1.2	55.2	-6.0	-38.9	-4.7	-3.8
350.0	-650.0	-16.0	-2.5	54.2	-9.1	-40.2	-8.3	-6.5
350.0	-675.0	7.5	8.5	49.5	4.2	-25.5	5.6	-1.4
350.0	-700.0	-7.2	3.0	52.3	-4.1	-19.2	15.2	10.4
350.0	-725.0	7.1	8.0	53.6	4.1	-26.4	4.9	10.0
350.0	-750.0	11.7	11.4	47.9	6.7	-36.6	10.7	7.8
350.0	-775.0	2.8	10.8	44.1	1.6	-5.5	8.3	9.5
350.0	-800.0	-4.2	9.4	43.9	-2.4	-29.4	-11.6	-1.7
350.0	-825.0	-7.0	9.8	45.8	-4.0	-31.3	-14.7	-13.2
350.0	-850.0	-10.5	10.9	44.4	-6.0	-16.9	-9.2	-12.0
350.0	-875.0	-12.4	10.0	45.3	-7.0	-24.8	-6.6	-7.9
350.0	-900.0	-13.4	9.8	47.3	-7.6	-21.9	-4.6	-5.6
350.0	-925.0	-16.1	11.0	45.5	-9.1	-29.2	-3.7	-4.2
350.0	-950.0	-24.9	7.4	47.7	-14.0	-39.4	-8.5	-6.1
350.0	-975.0	-28.3	6.5	52.2	-15.8	-31.3	-13.1	-10.8
350.0	*******	-25.3	8.1	57.5	-14.2	-23.0	-6.9	-10.0
350.0	*******	-19.9	9.9	58.2	-11.2	-22.1	4.4	-1.3
300.0	*******	-31.3	10.3	53.3	-17.4	-32.0		
300.0	*******	-29.3	10.9	49.1	-16.3	-36.2		
300.0	*******	-27.5	10.7	46.5	-15.3	-34.8		
300.0	*******	-24.7	9.7	45.0	-13.8	-37.1	-4.6	
300.0	-975.0	-20.5	7.8	45.4	-11.6	-47.0	-6.2	-5.4
300.0	-950.0	-11.5	11.9	45.8	-6.5	-27.5	-11.0	-8.6
300.0	-925.0	-15.5	9.0	43.6	-8.8	-32.2	-10.1	-10.6
300.0	-900.0	-11.0	11.0	41.4	-6.2	-36.1	-3.1	-6.6
300.0	-875.0	-4.2	10.6	43.5	-2.4	-28.0	-6.7	-4.9
300.0	-850.0	-1.9	11.2	42.7	-1.1	-28.9	-11.5	-9.1
300.0	-825.0	9.4	13.6	45.0	5.4	-35.4	-12.9	-12.2
300.0	-800.0	4.7	9.6	49.9	2.7	-42.6	-11.6	-12.3
300.0	-775.0	-3.2	5.7	50.1	-1.8	-33.1	3.4	-4.1
300.0	-750.0	-1.9	6.6	45.8	-1.1	-28.3	11.0	7.2
300.0	-725.0	10.7	9.0	50.8	6.1	-26.2	-4.1	3.4
300.0	-700.0	4.8	5.6	56.0	2.7	-33.6	-11.7	-7.9

300.0	-675.0	-2.7	2.8	60.7	-1.6	-32.9	3.9	-3.9
300.0	-650.0	-21.7	-3.9	58.9	-12.2	-48.8	22.6	13.2
300.0	-625.0	-13.8	-2.5	52.3	-7.8	-46.0	21.1	21.8
300.0	-600.0	-7.2	-0.5	49.6	-4.1	-40.8	-1.9	9.6
300.0	-575.0	-12.6	-1.9	50.6	-7.2	-38.3	-8.7	-5.3
300.0	-550.0	-11.0	-2.0	48.3	-6.3	-42.6	1.6	-3.6
300.0	-525.0	-15.2	-4.8	47.0	-8.6	-43.5	3.6	2.6
300.0	-500.0	-8.8	-2.8	50.8	-5.0	-46.6	0.1	1.8
300.0	-475.0	-10.2	-3.5	44.9	-5.8	-33.4	-4.1	-2.0
300.0	-450.0	-7.0	-3.2	44.9	-4.0	-27.0	-3.8	-4.0
300.0	-425.0	-7.1	-4.7	44.6	-4.0	-22.9	-2.8	-3.3
300.0	-400.0	-4.3	-5.2	41.7	-2.4	-24.5	-3.4	-3.1
300.0	-375.0	-4.6	-7.0	41.1	-2.6	-23.7	-3.0	-3.2
300.0	-350.0	3.0	-5.7	40.5	1.7	-24.1	-5.5	-4.3
300.0	-325.0	10.8	-4.1	40.8	6.1	-18.7	-12.8	-9.2
300.0	-300.0	7.7	-6.6	42.1	4.4	-20.0	-11.4	-12.1
300.0	-275.0	19.3	-4.3	42.2	10.9	-21.4	-7.5	-9.5
300.0	-250.0	25.0	-3.4	48.0	14.0	-15.6	-14.4	-11.0
300.0	-225.0	22.1	-4.6	55.1	12.5	-17.3	-11.2	-12.8
300.0	-200.0	12.4	-7.9	56.8	7.1	-18.7	5.3	-3.0
300.0	-175.0	7.7	-9.7	55.8	4.4	-22.6	15.0	10.1
300.0	-150.0	-1.9	-12.9	53.9	-1.1	-23.6	16.3	15.6
300.0	-125.0	0.0	-15.8	49.7	0.0	-23.7	12.6	14.4
300.0	-100.0	8.5	-13.5	49.8	4.8	-24.6	-1.5	5.5
300.0	-75.0	2.0	-14.5	55.2	1.1	-16.6	-7.0	-4.3
300.0	-50.0	-0.2	-17.3	49.9	-0.1	-20.9	3.8	-1.6
300.0	-25.0	3.5	-16.9	47.9	2.0	-24.8	4.0	3.9
300.0	0.0	8.9	-15.5	47.4	5.1	-28.4	-6.1	-1.1
300.0	25.0	13.7	-13.8	47.8	7.7	-25.5	-10.9	-8.5
300.0	50.0	18.1	-12.3	49.1	10.2	-18.4	-10.8	-10.9
300.0	75.0	-14.2	13.7	47.9	-8.1	-9.4	10.7	-0.1
300.0	100.0	-8.6	15.4	46.8	-4.9	-19.7	30.9	20.8
300.0	125.0	11.3	-14.7	47.4	6.4	-3.5	0.6	15.7
300.0	150.0	14.3	-13.2	48.6	8.1	-7.3	-27.5	-13.5
300.0	175.0	16.7	-11.2	48.8	9.4	-19.2	-16.0	-21.8
300.0	200.0	19.1	-10.6	50.7	10.8	-13.2	-5.7	-10.9
200.0	225.0	17.8	-10.3	49.4	10.1	-8.6		
200.0	200.0	17.6	-10.6	49.6	10.0	-9.3		
200.0	175.0	15.0	-12.9	47.5	8.5	-27.3		
200.0	150.0	8.7	-15.1	46.4	4.9	-2.4	-6.7	
200.0	125.0	6.4	-16.9	47.6	3.7	-14.4	-9.9	-8.3
200.0	100.0	-1.0	-18.0	49.5	-0.5	-23.0	-10.2	-10.1
200.0	75.0	1.5	-15.4	52.6	0.9	-21.8	-8.2	-9.2

200.0	50.0	1.5	-15.3	52.3	0.8	-23.9	-1.5	-4.9
200.0	25.0	3.9	-11.5	54.8	2.2	-34.0	2.6	0.5
200.0	0.0	5.5	-11.3	51.7	3.1	-25.3	3.6	3.1
200.0	-25.0	2.0	-11.6	55.6	1.1	-15.6	1.2	2.4
200.0	-50.0	6.9	-9.5	57.6	3.9	-23.7	-0.3	0.4
200.0	-75.0	7.1	-9.4	57.6	4.0	-25.3	3.7	1.7
200.0	-100.0	8.1	-9.2	57.2	4.6	-30.3	3.6	3.6
200.0	-125.0	8.2	-9.3	56.9	4.7	-31.0	1.4	2.5
200.0	-150.0	-5.4	10.5	56.7	-3.1	-16.6	-7.0	-2.8
200.0	-175.0	-5.3	10.4	57.2	-3.0	-15.1	-15.4	-11.2
200.0	-200.0	-2.3	11.2	56.0	-1.3	-30.9	-5.9	-10.7
200.0	-225.0	-2.3	11.3	55.8	-1.3	-33.2	3.5	-1.2
200.0	-250.0	-1.0	11.7	55.0	-0.6	-24.8	2.4	2.9
200.0	-275.0	-2.4	12.3	53.0	-1.4	-33.1	0.6	1.5
200.0	-300.0	-1.6	12.2	53.5	-0.9	-25.5	-0.4	0.1
200.0	-325.0	-2.7	11.9	53.6	-1.5	-28.6	-0.4	-0.4
200.0	-350.0	-3.3	11.7	52.7	-1.9	-21.7	-1.1	-0.8
200.0	-375.0	-4.6	11.7	52.3	-2.6	-27.2	-2.1	-1.6
200.0	-400.0	-5.8	11.2	52.4	-3.3	-28.4	-2.5	-2.3
200.0	-425.0	-5.8	11.4	52.1	-3.3	-27.3	-2.1	-2.3
200.0	-450.0	-7.1	10.8	52.0	-4.0	-23.4	-1.4	-1.8
200.0	-475.0	-6.8	10.9	52.5	-3.9	-23.6	-1.3	-1.4
200.0	-500.0	-8.1	10.7	52.7	-4.6	-32.0	-1.2	-1.3
200.0	-525.0	-8.2	10.5	52.7	-4.6	-30.2	-1.3	-1.3
200.0	-550.0	-8.4	10.1	53.9	-4.8	-25.2	-0.9	-1.1
200.0	-575.0	-8.1	10.1	54.1	-4.6	-25.8	-0.2	-0.6
200.0	-600.0	-6.9	10.2	54.8	-3.9	-22.5	0.9	0.3
200.0	-625.0	-7.0	10.2	55.0	-4.0	-17.9	1.5	1.2
200.0	-650.0	-4.3	11.1	54.8	-2.5	-29.2	2.0	1.7
200.0	-675.0	-4.2	11.2	54.7	-2.4	-31.3	3.0	2.5
200.0	-700.0	-2.7	12.2	54.0	-1.5	-29.5	2.6	2.8
200.0	-725.0	-1.7	12.9	53.2	-1.0	-28.7	2.4	2.5
200.0	-750.0	0.2	12.8	53.7	0.1	26.4	3.0	2.7
200.0	-775.0	-1.3	13.9	52.4	-0.7	-30.1	1.9	2.4
200.0	-800.0	-0.9	13.7	53.0	-0.5	-26.5	-0.3	0.8
200.0	-825.0	-1.1	14.0	52.5	-0.6	-27.2	-0.5	-0.4
200.0	-850.0	-1.4	14.3	52.3	-0.8	-24.7	-0.2	-0.4
200.0	-875.0	-1.8	14.8	52.1	-1.0	-11.5	-0.7	-0.5
200.0	-900.0	3.2	17.6	52.0	1.8	-22.6	2.2	0.7
200.0	-925.0	2.1	18.1	50.5	1.2	-19.6	4.8	3.5
200.0	-950.0	1.0	18.2	49.8	0.5	-22.1	0.9	2.8
200.0	-975.0	0.6	18.3	49.8	0.3	-20.5	-2.2	-0.7
200.0	*******	-0.2	18.0	48.8	-0.1	-31.0	-1.5	-1.9

250.0	*******	-0.1	-17.8	49.1	0.0	-27.5		
250.0	*******	0.0	-18.0	49.0	0.0	-26.9		
250.0	*******	0.5	-17.9	48.6	0.3	-26.3		
250.0	*******	1.5	-17.3	47.9	0.8	-30.1	-1.1	
250.0	-975.0	2.2	-17.3	48.5	1.2	-31.2	-1.7	-1.4
250.0	-950.0	3.5	-17.0	48.1	2.0	-34.7	-2.1	-1.9
250.0	-925.0	3.9	-16.8	47.7	2.2	-22.0	-2.2	-2.2
250.0	-900.0	4.7	-16.4	47.7	2.7	-25.7	-1.7	-2.0
250.0	-875.0	5.2	-16.4	48.2	2.9	-27.6	-1.4	-1.6
250.0	-850.0	6.3	-16.2	48.0	3.6	-27.3	-1.6	-1.5
250.0	-825.0	7.2	-15.8	48.0	4.1	-24.5	-2.1	-1.9
250.0	-800.0	7.0	-15.6	47.8	4.0	-25.1	-1.6	-1.9
250.0	-775.0	7.0	-15.5	48.0	4.0	-27.0	-0.3	-1.0
250.0	-750.0	7.1	-15.4	47.6	4.0	-29.1	0.1	-0.1
250.0	-725.0	8.5	-15.2	47.5	4.8	-13.8	-0.8	-0.4
250.0	-700.0	8.7	-15.6	47.4	5.0	-13.6	-1.8	-1.3
250.0	-675.0	9.7	-14.8	47.7	5.5	3.3	-1.7	-1.8
250.0	-650.0	9.8	-14.8	47.7	5.6	2.7	-1.3	-1.5
250.0	-625.0	11.1	-14.6	47.8	6.3	-15.1	-1.4	-1.4
250.0	-600.0	11.6	-14.2	47.6	6.6	-29.8	-1.8	-1.6
250.0	-575.0	12.8	-13.5	48.0	7.3	-24.9	-2.0	-1.9
250.0	-550.0	13.0	-13.5	47.8	7.4	-23.8	-1.8	-1.9
250.0	-525.0	14.4	-12.8	48.4	8.2	-17.8	-1.7	-1.8
250.0	-500.0	14.5	-12.1	48.4	8.2	-10.1	-1.7	-1.7
250.0	-475.0	15.2	-12.3	49.0	8.6	-13.3	-1.2	-1.5
250.0	-450.0	16.8	-12.0	48.7	9.5	-15.4	-1.7	-1.5
250.0	-425.0	16.8	-11.9	49.2	9.5	-18.6	-2.2	-2.0
250.0	-400.0	17.7	-11.2	49.4	10.0	-10.8	-1.4	-1.8
250.0	-375.0	19.0	-10.6	50.5	10.7	-13.7	-1.7	-1.6
250.0	-350.0	18.9	-10.9	50.9	10.7	-14.3	-1.9	-1.8
250.0	-325.0	19.2	-10.4	51.4	10.9	-20.6	-0.9	-1.4
250.0	-300.0	19.2	-10.3	51.5	10.9	-23.6	-0.4	-0.7
250.0	-275.0	19.6	-10.3	51.7	11.1	-23.0	-0.4	-0.4
250.0	-250.0	19.0	-10.2	53.1	10.8	-21.2	-0.1	-0.3
250.0	-225.0	18.4	-10.3	53.3	10.4	-19.6	0.8	0.3
250.0	-200.0	18.8	-10.2	52.6	10.6	-24.1	0.9	0.8
250.0	-175.0	18.6	-10.2	53.1	10.5	-25.3	0.1	0.5
250.0	-150.0	19.0	-10.2	53.1	10.7	-24.5	-0.2	-0.1
250.0	-125.0	17.8	-10.2	53.8	10.1	-29.0	0.3	0.0
250.0	-100.0	18.6	-10.4	54.6	10.5	-8.1	0.6	0.4
250.0	-75.0	18.4	-10.3	54.4	10.4	-11.8	-0.1	0.2
250.0	-50.0	18.7	-10.3	54.7	10.6	-10.8	-0.4	-0.3
250.0	-25.0	18.3	-10.3	54.8	10.3	-9.8	0.0	-0.2

250.0	0.0	17.8	-10.2	54.2	10.1	-28.8	0.6	0.3
250.0	25.0	17.8	-10.0	57.3	10.1	-22.5	0.7	0.6
250.0	50.0	11.9	-10.9	59.5	6.7	-21.9	3.6	2.1
250.0	75.0	11.9	-10.7	59.5	6.8	-22.9	6.7	5.1
150.0	175.0	15.2	-10.3	57.1	8.6	-24.8		
150.0	150.0	15.5	-10.4	56.8	8.8	-25.5		
150.0	125.0	14.7	-10.4	57.3	8.3	-24.0		
150.0	100.0	14.3	-10.8	57.4	8.1	-22.8	-1.0	
150.0	75.0	14.3	-10.5	58.5	8.1	-31.3	-0.9	-1.0
150.0	50.0	14.5	-10.3	59.0	8.2	-27.8	-0.1	-0.5
150.0	25.0	8.5	-11.5	60.0	4.9	-27.3	-3.1	-1.6
150.0	0.0	3.6	-12.5	59.0	2.0	-24.5	-9.4	-6.3
150.0	-25.0	2.4	-12.1	58.7	1.4	-25.4	-9.7	-9.6
150.0	-50.0	-3.0	-13.9	57.3	-1.7	-25.4	-7.2	-8.5
150.0	-75.0	-3.0	-13.8	56.8	-1.7	-26.2	-6.8	-7.0
150.0	-100.0	-2.4	-13.7	54.9	-1.4	-31.6	-2.8	-4.8
150.0	-125.0	-3.0	-13.8	55.1	-1.7	-30.9	0.3	-1.3
150.0	-150.0	-2.9	-13.6	55.5	-1.6	-28.1	-0.2	0.0
100.0	0.0	-0.9	-13.9	54.9	-0.5	-12.8		
100.0	25.0	-0.4	-13.2	54.0	-0.2	-22.2		
100.0	50.0	-0.7	-13.1	54.2	-0.4	-20.6		
100.0	75.0	-0.2	-13.0	54.0	-0.1	-28.0	-0.2	
100.0	100.0	-1.2	-14.0	55.2	-0.7	-17.2	0.2	0.0
100.0	125.0	-0.8	-13.8	55.4	-0.5	-15.8	0.7	0.4
100.0	150.0	-1.7	-14.0	57.4	-1.0	-15.8	0.7	0.7
100.0	175.0	-1.5	-14.1	57.5	-0.9	-11.3	0.7	0.7
50.0	100.0	-1.4	-12.7	60.4	-0.8	-26.9		
50.0	75.0	2.2	-12.0	59.9	1.2	-24.0		
50.0	50.0	3.1	-12.4	59.5	1.8	-23.4		
50.0	25.0	3.3	-12.4	59.3	1.9	-19.2	3.3	
50.0	0.0	-4.5	12.0	60.2	-2.5	-25.4	-3.6	-0.2
0.0	0.0	-3.4	11.8	62.5	-1.9	70.3		
25.0	0.0	-6.0	11.1	63.1	-3.4	68.6		
50.0	0.0	-8.2	11.0	62.1	-4.7	68.9		
75.0	0.0	-8.3	10.7	62.2	-4.7	73.2	4.1	
100.0	0.0	-11.6	10.3	62.3	-6.6	67.7	3.2	3.6
125.0	0.0	-15.4	9.7	60.5	-8.7	70.7	5.9	4.5
150.0	0.0	-15.5	9.7	60.3	-8.8	72.1	6.2	6.0
175.0	0.0	-16.0	10.0	57.0	-9.1	63.0	2.6	4.4
200.0	0.0	-17.5	10.1	54.3	-9.9	68.3	1.5	2.0
225.0	0.0	-15.8	10.7	53.3	-9.0	66.9	1.0	1.2
250.0	0.0	-12.7	12.9	51.8	-7.2	69.3	-2.8	-0.9
275.0	0.0	-10.0	14.0	51.2	-5.7	82.4	-6.0	-4.4

300.0	0.0	-7.8	14.9	51.3	-4.4	74.8	-6.1	-6.1
325.0	0.0	-4.9	16.1	51.7	-2.8	70.4	-5.7	-5.9
350.0	0.0	-1.6	17.0	51.2	-0.9	75.5	-6.4	-6.1
375.0	0.0	2.9	19.0	51.6	1.7	67.9	-8.0	-7.2
400.0	0.0	6.8	19.3	53.1	3.9	52.7	-9.3	-8.7
425.0	0.0	6.8	17.8	57.5	3.9	63.2	-7.0	-8.2
450.0	0.0	3.8	16.2	60.0	2.2	77.1	-0.5	-3.8
475.0	0.0	3.1	16.1	60.5	1.8	61.3	3.8	1.6
500.0	0.0	-0.2	15.3	60.1	-0.1	60.6	4.4	4.1
525.0	0.0	-4.1	14.8	61.5	-2.3	65.7	6.4	5.4
550.0	0.0	-10.4	15.1	60.6	-5.9	69.6	9.9	8.1
575.0	0.0	-18.2	15.9	60.3	-10.3	55.8	13.8	11.8
600.0	0.0	-20.4	18.6	54.1	-11.5	63.2	13.6	13.7
625.0	0.0	-21.5	20.2	50.7	-12.1	67.3	7.4	10.5
650.0	0.0	-16.2	18.9	50.3	-9.2	68.3	-0.5	3.4
675.0	0.0	-12.0	18.7	51.5	-6.8	64.7	-7.6	-4.1
700.0	0.0	-10.0	19.7	54.7	-5.7	60.7	-8.8	-8.2
725.0	0.0	-19.7	18.1	58.1	-11.1	61.8	0.8	-4.0
750.0	0.0	-24.7	19.6	55.4	-13.8	58.2	12.4	6.6
775.0	0.0	-20.7	24.5	53.3	-11.7	68.3	8.7	10.5
800.0	0.0	-19.6	23.9	51.9	-11.1	65.8	-2.1	3.3
825.0	0.0	-18.2	23.9	51.2	-10.3	64.3	-4.1	-3.1
850.0	0.0	-16.8	23.1	51.9	-9.5	70.4	-3.0	-3.6
875.0	0.0	-15.9	22.7	51.8	-9.0	66.7	-2.9	-3.0
900.0	0.0	-16.1	22.5	51.4	-9.1	65.8	-1.7	-2.3
925.0	0.0	-16.2	22.0	52.4	-9.2	74.1	-0.2	-1.0
950.0	0.0	-17.2	21.1	52.1	-9.8	63.2	0.9	0.3
975.0	0.0	-15.9	22.2	51.3	-9.0	63.4	0.5	0.7
1000.0	0.0	-17.0	21.2	51.4	-9.6	61.3	-0.4	0.0
1025.0	0.0	-16.9	20.8	51.3	-9.6	60.1	0.4	0.0
1050.0	0.0	-16.3	20.8	51.2	-9.2	66.2	0.2	0.3
1075.0	0.0	-15.9	21.1	50.7	-9.0	65.1	-1.0	-0.4
1100.0	0.0	-16.5	20.9	50.9	-9.3	61.3	-0.5	-0.8
1125.0	0.0	-15.9	20.8	50.9	-9.0	56.7	0.1	-0.2
1150.0	0.0	-15.4	20.7	51.4	-8.7	60.1	-0.6	-0.3
1175.0	0.0	-16.4	20.3	50.9	-9.3	67.8	-0.3	-0.5
1200.0	0.0	-16.5	19.8	50.8	-9.3	68.8	0.9	0.3
1225.0	0.0	-15.9	20.3	51.7	-9.0	60.7	0.3	0.6
1250.0	0.0	-14.5	22.5	51.3	-8.2	71.3	-1.4	-0.6
1275.0	0.0	-12.4	23.5	51.9	-7.0	68.5	-3.1	-2.3
1300.0	0.0	-12.3	23.1	52.2	-7.0	60.3	-3.2	-3.2
1325.0	0.0	-11.2	23.2	52.9	-6.4	68.4	-1.8	-2.5
1350.0	0.0	-12.1	23.4	52.4	-6.9	51.8	-0.7	-1.3

1375.0	0.0	-11.3	23.6	51.8	-6.4	56.0	-0.1	-0.4
1400.0	0.0	-12.0	23.8	51.6	-6.8	71.1	-0.1	-0.1
1000.0	0.0	11.7	-25.2	48.3	6.6	-21.7		
1000.0	-25.0	9.7	-23.6	48.9	5.5	-24.3		
1000.0	-50.0	8.2	-22.3	48.2	4.6	-34.1		
1000.0	-75.0	6.3	-21.2	49.1	3.6	-24.9	-3.9	
1000.0	-100.0	4.4	-20.1	49.8	2.5	-24.1	-4.0	-4.0
1000.0	-125.0	5.3	-18.0	51.1	3.0	-26.4	-2.7	-3.4
1000.0	-150.0	9.2	-16.5	49.2	5.2	-31.4	2.1	-0.3
1000.0	-175.0	3.5	-17.9	49.4	2.0	-26.5	1.7	1.9
1000.0	-200.0	2.1	-16.7	50.2	1.2	-30.6	-5.0	-1.7
1000.0	-225.0	6.4	-13.6	51.2	3.6	-22.7	-2.4	-3.7
1000.0	-250.0	4.8	-12.8	50.5	2.7	-24.0	3.1	0.3
1000.0	-275.0	14.1	-9.3	47.0	8.0	-23.9	5.9	4.5
1000.0	-300.0	6.4	-11.7	48.2	3.7	-25.4	5.4	5.6
1000.0	-325.0	7.0	-10.2	46.7	4.0	-20.0	-3.0	1.2
1000.0	-350.0	2.9	-11.9	44.9	1.7	-21.5	-6.0	-4.5
1000.0	-375.0	0.4	-11.5	44.0	0.2	-33.5	-5.8	-5.9
1000.0	-400.0	-8.1	-14.7	46.5	-4.6	-23.6	-10.1	-8.0
1000.0	-425.0	-6.1	-9.2	52.5	-3.5	-34.0	-10.0	-10.1
1000.0	-450.0	7.7	-0.6	57.2	4.4	-23.0	5.3	-2.4
1000.0	-475.0	16.7	4.3	49.6	9.5	-32.2	22.0	13.6
1000.0	-500.0	8.7	0.9	44.1	5.0	-23.8	13.6	17.8
1000.0	-525.0	3.8	-0.2	44.5	2.2	-22.7	-6.7	3.4
1000.0	-550.0	-1.7	-2.2	46.9	-0.9	-30.0	-13.2	-10.0
1000.0	-575.0	2.3	1.3	46.7	1.3	-29.0	-6.8	-10.0
1000.0	-600.0	0.6	1.3	44.2	0.3	-26.6	0.3	-3.3
1000.0	-625.0	-2.8	-0.9	43.7	-1.6	-35.1	-1.7	-0.7
1000.0	-650.0	-8.7	-2.3	45.2	-5.0	-20.6	-8.2	-5.0
1000.0	-675.0	-12.2	-4.7	47.1	-6.9	-15.9	-10.6	-9.4
1000.0	-700.0	2.6	-15.5	50.4	1.5	-5.6	1.2	-4.7
1000.0	-725.0	-6.6	30.5	47.7	-3.8	-4.4	9.6	5.4

Dyment Lake Property

VLF Data - Annapolis, Maryland, U.S.A., 21.4 kHz.

Line	Station	I/P	Quad	T.Fld	Tilt	Dir	4-Fra	5-Fra
1000.0	0.0	19.2	-23.1	36.2	10.8	-3.6		
1000.0	25.0	23.2	-24.5	36.3	13.0	14.8		
1000.0	50.0	21.7	-28.2	37.4	12.2	46.4		
1000.0	75.0	28.7	-25.9	38.0	16.0	20.2	-4.4	
1000.0	100.0	36.8	-22.9	38.5	20.2	-21.7	-11.0	-7.7
1000.0	125.0	42.5	-19.2	38.9	23.0	13.0	-15.0	-13.0
1000.0	150.0	50.5	-13.5	41.7	26.8	0.5	-13.6	-14.3
1000.0	175.0	51.6	-12.6	46.1	27.3	-30.0	-10.9	-12.3
1000.0	200.0	52.4	-13.1	48.3	27.6	42.8	-5.1	-8.0
1000.0	225.0	55.5	-2.4	54.4	29.0	-19.1	-2.5	-3.8
1000.0	250.0	52.6	3.3	66.7	27.7	23.0	-1.8	-2.2
1000.0	275.0	18.9	-8.3	73.5	10.7	34.3	18.2	8.2
1000.0	300.0	5.9	-8.1	62.0	3.3	21.4	42.7	30.4
1000.0	325.0	4.2	-4.7	55.3	2.4	32.0	32.7	37.7
1000.0	350.0	2.8	-3.1	53.3	1.6	-5.2	10.0	21.3
1000.0	375.0	1.8	-1.6	51.4	1.0	-5.0	3.1	6.5
1000.0	400.0	2.2	0.0	47.8	1.2	4.2	1.8	2.4
1000.0	425.0	16.0	6.9	47.2	9.1	9.1	-7.7	-3.0
1000.0	450.0	5.0	2.7	55.3	2.9	60.9	-9.8	-8.8
1000.0	475.0	-8.5	-0.8	48.8	-4.8	-7.7	12.2	1.2
1000.0	500.0	-4.6	1.8	48.6	-2.6	57.0	19.4	15.8
1000.0	525.0	-12.4	-1.8	47.7	-7.1	-4.9	7.8	13.6
1000.0	550.0	-11.4	-1.4	44.3	-6.5	59.5	6.2	7.0
1000.0	575.0	-19.9	-4.3	45.0	-11.2	20.7	8.0	7.1
1000.0	600.0	-13.8	-3.5	40.7	-7.8	4.0	5.4	6.7
1000.0	625.0	-13.6	-1.9	40.1	-7.7	42.2	-2.2	1.6
1000.0	650.0	-8.9	-2.2	40.2	-5.0	49.1	-6.3	-4.3
1000.0	675.0	-4.9	-3.0	39.3	-2.8	-30.8	-7.7	-7.0
1000.0	700.0	4.3	0.9	38.6	2.5	41.5	-12.4	-10.1
1000.0	725.0	7.3	1.4	40.7	4.1	19.0	-14.4	-13.4
1000.0	750.0	9.8	0.9	40.7	5.6	24.3	-10.0	-12.2
900.0	700.0	-13.4	0.0	103.7	-7.6	6.8		
900.0	675.0	24.4	3.4	47.2	13.7	24.1		
900.0	650.0	21.1	2.7	45.9	11.9	15.4		
900.0	625.0	17.6	0.8	45.5	10.0	26.1	15.8	
900.0	600.0	14.6	-0.5	46.6	8.3	3.9	-7.3	4.2
900.0	575.0	13.0	-0.7	47.2	7.4	-3.4	-6.2	-6.8
900.0	550.0	12.4	-1.2	46.6	7.0	19.5	-3.9	-5.1
900.0	525.0	9.2	-2.0	46.9	5.2	9.9	-3.5	-3.7
900.0	500.0	4.8	-3.1	48.0	2.7	33.7	-6.5	-5.0

900.0	475.0	0.9	-3.4	48.8	0.5	23.6	-9.0	-7.8
900.0	450.0	-1.0	-3.8	48.7	-0.6	13.3	-8.0	-8.5
900.0	425.0	-3.7	-4.7	50.1	-2.1	23.9	-5.9	-7.0
900.0	400.0	-11.7	-10.7	52.6	-6.6	32.9	-8.6	-7.3
900.0	375.0	-11.8	-10.8	53.0	-6.7	32.4	-10.6	-9.6
900.0	350.0	-8.3	-10.6	57.7	-4.7	15.2	-2.7	-6.7
900.0	325.0	2.6	-10.0	62.4	1.5	21.1	10.1	3.7
900.0	300.0	13.1	-10.6	61.0	7.5	15.9	20.4	15.2
900.0	275.0	21.8	-12.3	64.5	12.3	20.4	23.0	21.7
900.0	250.0	42.1	-15.4	61.6	22.8	39.0	26.1	24.5
900.0	225.0	56.3	-19.2	49.6	29.3	23.3	32.3	29.2
900.0	200.0	53.6	-21.8	44.9	28.2	6.0	22.4	27.3
900.0	175.0	44.7	-25.7	42.0	24.0	19.6	0.1	11.2
900.0	150.0	37.0	-28.3	39.7	20.3	-28.1	-13.2	-6.6
900.0	125.0	29.2	-31.8	39.8	16.3	19.0	-15.6	-14.4
900.0	100.0	25.1	-31.8	38.8	14.1	-0.2	-13.9	-14.8
900.0	75.0	17.4	-28.7	41.6	9.9	12.1	-12.6	-13.3
900.0	50.0	32.2	-19.1	37.8	17.8	29.5	-2.7	-7.7
900.0	25.0	22.0	-22.7	37.3	12.4	17.1	6.2	1.7
900.0	0.0	20.1	-22.8	36.3	11.3	22.3	-4.0	1.1
900.0	-25.0	10.6	-25.0	36.4	6.0	34.1	-12.9	-8.5
900.0	-50.0	8.4	-24.0	36.6	4.8	27.8	-12.9	-12.9
900.0	-75.0	2.7	-24.6	36.7	1.5	32.6	-11.0	-12.0
900.0	-100.0	-0.6	-23.0	36.9	-0.3	36.4	-9.6	-10.3
900.0	-125.0	-1.6	-22.8	37.4	-0.9	19.2	-7.5	-8.6
900.0	-150.0	-5.8	-23.4	38.3	-3.3	22.2	-5.4	-6.5
900.0	-175.0	-7.8	-19.1	43.6	-4.4	18.0	-6.5	-6.0
900.0	-200.0	7.7	-9.8	41.4	4.4	44.7	4.2	-1.2
900.0	-225.0	-1.2	-11.1	41.5	-0.7	36.4	11.4	7.8
900.0	-250.0	2.6	-7.5	41.3	1.5	26.4	0.8	6.1
900.0	-275.0	9.7	0.7	39.1	5.5	3.0	3.3	2.0
900.0	-300.0	6.7	-1.7	36.4	3.8	26.4	8.5	5.9
900.0	-325.0	-0.5	-5.7	36.7	-0.3	15.4	-3.5	2.5
900.0	-350.0	-2.4	-4.8	36.8	-1.4	23.8	-11.0	-7.3
900.0	-375.0	-6.7	-5.8	37.1	-3.8	44.0	-8.7	-9.9
900.0	-400.0	-9.8	-4.9	39.5	-5.6	39.8	-7.7	-8.2
900.0	-425.0	-7.1	-1.8	39.3	-4.0	31.2	-4.4	-6.1
900.0	-450.0	-9.4	-1.8	41.2	-5.3	10.2	0.1	-2.2
900.0	-475.0	4.7	9.0	40.3	2.7	25.9	7.0	3.5
900.0	-500.0	-2.2	5.8	36.3	-1.2	52.3	10.8	8.9
900.0	-525.0	-6.8	2.3	37.5	-3.9	30.2	-2.5	4.1
900.0	-550.0	-8.0	1.2	38.5	-4.6	21.3	-10.0	-6.3
900.0	-575.0	-10.1	3.2	38.6	-5.7	32.6	-5.2	-7.6

900.0	-600.0	-10.0	5.0	38.1	-5.7	48.0	-2.9	-4.1
900.0	-625.0	-14.9	2.7	38.1	-8.4	46.4	-3.8	-3.4
900.0	-650.0	-16.4	1.8	39.2	-9.3	21.6	-6.3	-5.1
900.0	-675.0	-22.0	1.2	39.7	-12.4	24.8	-7.6	-7.0
900.0	-700.0	-20.3	3.5	41.9	-11.4	27.0	-6.1	-6.9
900.0	-725.0	-18.2	4.8	41.4	-10.3	10.8	0.0	-3.1
900.0	-750.0	-22.3	3.4	41.8	-12.5	46.0	1.0	0.5
800.0	-750.0	-18.1	12.0	40.5	-10.3	22.5		
800.0	-725.0	-16.3	13.7	40.3	-9.2	32.0		
800.0	-700.0	-7.9	16.0	42.3	-4.5	24.2		
800.0	-675.0	-22.7	6.7	43.9	-12.8	12.6	-2.2	
800.0	-650.0	-20.5	7.9	42.9	-11.6	24.6	10.7	4.2
800.0	-625.0	-22.9	5.3	40.5	-12.9	34.1	7.2	8.9
800.0	-600.0	-19.3	4.6	39.5	-10.9	30.7	-0.6	3.3
800.0	-575.0	-14.8	6.6	40.0	-8.4	24.7	-5.2	-2.9
800.0	-550.0	-16.9	3.4	39.3	-9.6	32.5	-5.8	-5.5
800.0	-525.0	-15.0	3.4	38.6	-8.5	19.6	-1.2	-3.5
800.0	-500.0	-17.0	2.1	38.4	-9.6	24.6	0.1	-0.6
800.0	-475.0	-12.8	3.3	38.4	-7.3	24.7	-1.2	-0.6
800.0	-450.0	-2.0	6.9	40.0	-1.1	22.6	-9.7	-5.5
800.0	-425.0	-20.6	-1.7	40.5	-11.6	16.5	-4.2	-7.0
800.0	-400.0	-19.0	-1.9	37.8	-10.7	30.4	13.9	4.8
800.0	-375.0	-14.8	-1.9	37.2	-8.4	35.7	6.4	10.1
800.0	-350.0	-12.2	-1.4	37.2	-6.9	34.3	-7.0	-0.3
800.0	-325.0	-11.7	-3.4	36.9	-6.6	29.6	-5.6	-6.3
800.0	-300.0	-7.8	-3.9	38.0	-4.4	27.8	-4.3	-5.0
800.0	-275.0	-8.0	-4.6	37.3	-4.5	28.5	-4.6	-4.5
800.0	-250.0	-6.9	-5.1	38.5	-3.9	29.1	-2.6	-3.6
800.0	-225.0	-7.8	-8.5	37.6	-4.4	31.6	-0.6	-1.6
800.0	-200.0	-5.3	-8.8	38.2	-3.0	34.4	-1.0	-0.8
800.0	-175.0	-6.6	-10.8	39.1	-3.7	32.5	-1.6	-1.3
800.0	-150.0	-6.3	-12.7	40.1	-3.6	35.8	-0.1	-0.9
800.0	-125.0	-11.3	-19.4	38.7	-6.4	33.4	3.3	1.6
800.0	-100.0	-7.7	-20.8	38.1	-4.4	16.2	3.5	3.4
800.0	-75.0	-1.4	-21.3	37.2	-0.8	34.4	-4.8	-0.7
800.0	-50.0	0.2	-22.0	37.6	0.1	29.6	-10.1	-7.5
800.0	-25.0	-1.1	-24.7	38.7	-0.6	22.3	-4.7	-7.4
800.0	0.0	0.2	-25.8	38.2	0.1	16.7	-0.2	-2.5
800.0	25.0	4.2	-27.3	38.0	2.4	26.2	-3.0	-1.6
800.0	25.0	11.3	-25.1	38.0	6.4	14.9		
800.0	50.0	10.7	-25.7	38.5	6.1	26.2	-9.0	-6.0
800.0	75.0	16.0	-25.8	38.3	9.1	27.7	-12.7	-10.9
800.0	100.0	18.1	-24.0	39.4	10.3	19.8	-10.9	-11.8

800.0	125.0	22.9	-22.6	40.3	12.9	22.2	-8.0	-9.5
800.0	150.0	26.5	-21.0	42.1	14.8	29.7	-8.3	-8.2
800.0	175.0	29.4	-21.3	45.9	16.4	4.1	-8.0	-8.2
800.0	200.0	30.7	-21.1	47.3	17.0	16.6	-5.7	-6.9
800.0	225.0	27.7	-17.1	50.9	15.5	23.3	-1.3	-3.5
800.0	250.0	19.0	-15.7	53.8	10.8	4.8	7.1	2.9
800.0	275.0	13.4	-13.5	54.3	7.6	6.4	14.1	10.6
800.0	300.0	3.1	-12.1	52.0	1.8	-3.4	16.9	15.5
800.0	325.0	2.8	-8.7	50.2	1.6	17.9	15.0	15.9
800.0	350.0	3.9	-4.7	44.7	2.2	21.2	5.6	10.3
800.0	375.0	6.9	-3.3	43.6	3.9	5.1	-2.7	1.4
800.0	400.0	10.0	-0.4	43.8	5.7	10.4	-5.8	-4.3
800.0	425.0	9.9	-0.3	44.6	5.6	18.6	-5.2	-5.5
800.0	500.0	12.9	0.9	46.0	7.3	25.1	-3.3	-4.3
800.0	525.0	0.0	0.2	67.7	0.0	7.4	4.0	0.3
800.0	550.0	17.7	-0.2	56.8	10.0	10.8	2.9	3.4
800.0	575.0	1.9	-2.1	53.9	1.1	9.7	-3.8	-0.5
800.0	600.0	-4.6	-3.9	46.2	-2.6	39.6	11.5	3.8
1400.0	-575.0	-9.5	13.0	36.5	-5.4	35.3		
1400.0	-550.0	0.0	-5.4	35.5	0.0	54.9		
1400.0	-525.0	-2.5	-2.5	38.0	-1.4	24.9		
1400.0	-500.0	-3.1	-3.3	36.9	-1.8	14.9	-2.2	
1400.0	-475.0	0.3	-2.8	36.3	0.1	23.5	0.3	-1.0
1400.0	-450.0	2.7	-2.6	36.2	1.5	19.1	-4.8	-2.3
1400.0	-425.0	4.0	-3.1	36.2	2.3	19.4	-5.5	-5.2
1400.0	-400.0	5.1	-3.7	36.0	2.9	17.4	-3.6	-4.6
1400.0	-375.0	9.6	-4.2	35.9	5.4	19.6	-4.5	-4.1
1400.0	-350.0	11.4	-4.8	36.0	6.5	24.1	-6.7	-5.6
1400.0	-325.0	12.4	-4.7	36.9	7.1	18.3	-5.3	-6.0
1400.0	-300.0	15.8	-5.4	38.5	8.9	29.6	-4.1	-4.7
1400.0	-275.0	8.9	-10.9	39.3	5.1	15.4	-0.4	-2.3
1400.0	-250.0	7.9	-15.0	37.9	4.5	17.3	6.4	3.0
1400.0	-225.0	12.1	-14.9	36.5	6.8	29.3	2.7	4.5
1400.0	-200.0	18.9	-13.6	35.9	10.7	48.5	-7.9	-2.6
1400.0	-175.0	22.7	-11.3	36.6	12.8	27.9	-12.2	-10.1
1400.0	-150.0	13.8	-24.9	40.3	7.9	15.4	-3.2	-7.7
1400.0	-125.0	25.5	-19.9	37.6	14.3	32.9	1.3	-1.0
1400.0	-100.0	19.4	-2.7	69.7	10.9	4.4	-4.5	-1.6
1400.0	-75.0	30.2	-17.8	43.5	16.8	23.2	-5.5	-5.0
1400.0	-50.0	31.5	-23.5	44.9	17.4	29.1	-9.0	-7.3
1400.0	-25.0	34.1	-28.9	45.9	18.8	30.0	-8.5	-8.8
1400.0	0.0	40.8	-27.4	49.4	22.2	18.7	-6.8	-7.7
1400.0	25.0	41.1	-26.7	54.5	22.3	-16.4	-8.3	-7.6

1400.0	50.0	47.2	-24.9	58.2	25.2	30.0	-6.5	-7.4
1400.0	75.0	47.2	-18.2	66.3	25.3	24.0	-6.0	-6.3
1400.0	100.0	32.4	-10.2	79.6	17.9	10.0	4.3	-0.9
1400.0	125.0	8.3	-3.5	79.7	4.7	38.9	27.9	16.1
1400.0	150.0	-3.2	0.0	72.5	-1.8	8.6	40.3	34.1
1400.0	175.0	-6.4	2.1	67.9	-3.6	25.7	28.0	34.1
1300.0	250.0	-8.9	6.4	71.5	-5.1	-12.6		
1300.0	225.0	-2.0	5.2	72.5	-1.1	-16.9		
1300.0	200.0	2.2	4.8	75.8	1.2	-23.8		
1300.0	175.0	11.1	-3.1	87.8	6.3	-24.7	-13.7	
1300.0	150.0	50.3	-16.2	81.8	26.7	-31.5	-32.9	-23.3
1300.0	125.0	59.1	-30.5	67.0	30.5	-31.5	-49.7	-41.3
1300.0	100.0	63.3	-32.1	58.5	32.3	-32.5	-29.8	-39.7
1300.0	75.0	61.5	-31.9	51.9	31.6	-34.1	-6.7	-18.2
1300.0	50.0	69.4	-10.9	46.1	34.7	-55.7	-3.5	-5.1
1300.0	25.0	58.9	-27.3	41.9	30.5	-14.8	-1.3	-2.4
1300.0	0.0	46.1	-33.7	39.3	24.7	-25.8	11.1	4.9
1300.0	-25.0	26.5	-42.1	39.6	14.8	-27.2	25.7	18.4
1300.0	-50.0	29.3	-27.9	41.2	16.3	-20.0	24.1	24.9
1300.0	-75.0	32.6	-22.6	37.9	18.0	-32.1	5.2	14.7
1300.0	-100.0	30.8	-19.5	36.2	17.1	-35.6	-4.0	0.6
1300.0	-125.0	7.3	-19.4	37.7	4.2	-26.6	13.0	4.5
1300.0	-150.0	8.4	-28.2	37.5	4.8	-41.0	26.1	19.6
1300.0	-175.0	17.0	-16.3	37.9	9.6	-32.3	6.9	16.5
1300.0	-200.0	9.5	-16.8	36.7	5.4	-16.4	-6.0	0.5
1300.0	-225.0	4.9	-14.6	44.3	2.8	-11.3	6.2	0.1
1300.0	-250.0	32.9	-0.9	43.9	18.2	-24.5	-6.0	0.1
1300.0	-275.0	22.4	-5.6	36.4	12.6	-30.9	-22.6	-14.3
1300.0	-300.0	16.6	-8.6	36.0	9.4	-0.7	-1.0	-11.8
1300.0	-325.0	12.7	-9.4	35.8	7.2	-41.2	14.2	6.6
1300.0	-350.0	8.6	-8.8	37.0	4.9	-35.5	9.9	12.1
1300.0	-375.0	7.1	-7.9	36.8	4.1	-33.1	7.6	8.8
1300.0	-400.0	6.2	-6.6	36.8	3.5	-12.5	4.5	6.1
1300.0	-425.0	7.6	-7.0	37.4	4.3	-31.4	1.2	2.9
1300.0	-450.0	4.7	-1.3	37.1	2.6	-46.3	0.7	1.0
1300.0	-475.0	5.3	-2.6	36.9	3.0	-22.6	2.2	1.5
1300.0	-500.0	6.2	-1.6	36.4	3.5	-38.0	0.4	1.3
1300.0	-525.0	-0.1	-1.9	36.8	0.0	-31.2	2.1	1.3
1300.0	-550.0	0.4	-0.6	38.4	0.2	-7.8	6.3	4.2
1300.0	-575.0	1.7	1.9	37.2	0.9	-44.5	2.4	4.4
1300.0	-600.0	-2.6	-1.5	37.6	-1.5	-25.3	0.8	1.6
1200.0	-625.0	-11.6	5.2	37.2	-6.6	51.8		
1200.0	-600.0	-8.8	3.8	36.5	-5.0	19.7		

1200.0	-575.0	-6.5	3.4	37.0	-3.7	29.2		
1200.0	-550.0	-3.1	3.3	37.2	-1.8	16.7	-6.1	
1200.0	-525.0	-5.4	1.3	36.5	-3.1	28.4	-3.8	-5.0
1200.0	-500.0	1.2	1.2	36.9	0.7	37.3	-3.1	-3.5
1200.0	-475.0	7.3	3.5	39.9	4.1	26.4	-9.7	-6.4
1200.0	-450.0	-4.7	-3.3	37.6	-2.7	-0.9	-3.8	-6.8
1200.0	-425.0	-2.6	-2.6	37.4	-1.4	27.3	8.9	2.5
1200.0	-400.0	-6.2	-9.1	37.6	-3.5	16.9	6.3	7.6
1200.0	-375.0	-3.0	-9.5	36.2	-1.7	37.7	1.1	3.7
1200.0	-350.0	2.0	-8.0	36.1	1.1	24.4	-4.3	-1.6
1200.0	-325.0	2.8	-7.7	35.2	1.6	41.5	-7.9	-6.1
1200.0	-300.0	8.7	-6.8	35.2	4.9	28.1	-7.1	-7.5
1200.0	-275.0	13.0	-4.4	35.7	7.4	0.3	-9.6	-8.4
1200.0	-250.0	20.5	-0.1	36.4	11.6	30.2	-12.5	-11.1
1200.0	-225.0	26.1	1.4	43.5	14.6	13.2	-13.9	-13.2
1200.0	-200.0	10.6	-11.0	44.6	6.0	20.9	-1.6	-7.8
1200.0	-175.0	-1.0	-21.4	42.4	-0.6	20.3	20.8	9.6
1200.0	-150.0	3.4	-24.9	37.5	1.9	13.8	19.3	20.0
1200.0	-125.0	11.5	-22.1	36.8	6.5	28.4	-3.0	8.1
1200.0	-100.0	18.8	-19.8	36.3	10.6	28.8	-15.8	-9.4
1200.0	-75.0	33.1	-18.1	37.3	18.3	39.5	-20.5	-18.2
1200.0	-50.0	18.6	-28.6	41.2	10.5	1.4	-11.7	-16.1
1200.0	-25.0	29.1	-28.3	38.5	16.2	13.7	2.2	-4.8
1200.0	25.0	37.3	-25.2	39.6	20.5	28.5		
1200.0	50.0	41.7	-28.7	40.7	22.6	17.8	-10.0	-3.9
1200.0	75.0	55.0	-20.2	42.5	28.8	23.1	-24.7	-17.4
1200.0	100.0	62.4	-13.1	44.3	31.9	13.0	-21.9	-23.3
1200.0	125.0	66.4	-14.9	48.7	33.6	19.9	-14.1	-18.0
1200.0	150.0	72.4	-12.6	53.6	35.9	19.0	-8.8	-11.5
1200.0	175.0	78.8	0.6	64.6	38.2	41.1	-8.6	-8.7
1200.0	200.0	72.3	2.0	76.7	35.8	22.6	-4.5	-6.6
1200.0	225.0	49.5	1.0	94.0	26.3	20.2	12.0	3.7
1200.0	250.0	7.6	0.7	89.4	4.3	29.4	43.4	27.7
1200.0	275.0	-10.9	4.2	76.9	-6.2	10.2	64.0	53.7
1200.0	300.0	-16.7	6.1	66.6	-9.5	57.1	46.3	55.1
1200.0	325.0	-19.5	6.4	58.6	-11.0	13.3	18.6	32.4
1200.0	350.0	-13.1	6.7	53.7	-7.4	40.1	2.7	10.6
1200.0	375.0	-12.9	6.3	52.3	-7.3	17.2	-5.8	-1.6
1200.0	400.0	-11.7	6.7	51.3	-6.7	38.2	-4.4	-5.1
1200.0	425.0	-9.7	5.8	50.8	-5.5	30.6	-2.5	-3.5
1200.0	450.0	-11.0	5.0	50.8	-6.3	29.6	-2.2	-2.4
1200.0	475.0	-10.5	1.8	48.0	-6.0	56.7	0.1	-1.1
1200.0	500.0	-13.8	1.1	47.1	-7.8	51.1	2.0	1.0

1200.0	525.0	-8.4	3.2	46.3	-4.8	39.3	0.3	1.1
1200.0	550.0	-10.5	2.0	46.3	-6.0	28.2	-3.0	-1.4
1200.0	575.0	-6.5	2.0	45.8	-3.7	42.0	-2.9	-3.0
1200.0	600.0	-7.1	1.6	46.7	-4.1	22.1	-3.0	-3.0
1200.0	625.0	-5.2	1.3	46.0	-2.9	29.4	-2.7	-2.9
1200.0	650.0	-3.4	0.9	47.6	-1.9	35.5	-3.0	-2.9
1100.0	600.0	6.7	1.9	43.7	3.8	30.1		
1100.0	575.0	4.7	1.7	44.1	2.7	23.2		
1100.0	550.0	-0.7	1.0	45.4	-0.4	33.8		
1100.0	525.0	-1.5	0.7	47.4	-0.8	37.1	-7.7	
1100.0	500.0	0.8	1.6	48.7	0.5	32.5	-2.6	-5.2
1100.0	475.0	-0.6	1.1	49.2	-0.3	34.9	1.4	-0.6
1100.0	450.0	-15.8	-0.2	109.1	-8.9	7.4	-8.9	-3.8
1100.0	425.0	-11.8	-1.3	89.4	-6.7	11.8	-15.8	-12.4
1100.0	400.0	-12.8	1.4	73.4	-7.3	20.3	-4.8	-10.3
1100.0	375.0	-7.2	-0.1	73.4	-4.1	15.1	4.2	-0.3
1100.0	350.0	-10.3	0.3	71.6	-5.8	8.3	4.1	4.1
1100.0	325.0	-3.6	-1.0	74.8	-2.0	12.5	3.6	3.8
1100.0	300.0	3.3	-2.6	81.6	1.9	12.7	9.8	6.7
1100.0	275.0	-10.2	-2.4	102.2	-5.8	7.7	3.9	6.8
1100.0	250.0	3.3	-5.3	97.3	1.9	9.0	-3.8	0.0
1100.0	225.0	30.4	-8.4	80.8	16.9	9.8	22.7	9.4
1100.0	200.0	41.7	6.3	51.1	22.6	29.4	43.4	33.0
1100.0	175.0	49.4	-7.2	50.3	26.3	-1.4	30.1	36.7
1100.0	150.0	44.3	-12.1	43.6	23.9	16.7	10.7	20.4
1100.0	125.0	46.0	-24.1	40.5	24.7	20.2	-0.3	5.2
1100.0	100.0	40.0	-31.1	39.1	21.8	25.0	-3.7	-2.0
1100.0	75.0	34.8	-33.5	38.8	19.2	18.1	-7.6	-5.7
1100.0	50.0	28.3	-34.3	38.7	15.8	29.2	-11.5	-9.6
1100.0	25.0	36.1	-23.0	38.7	19.8	14.6	-5.4	-8.5
1100.0	0.0	35.1	-20.6	36.0	19.3	-3.1	4.1	-0.7
1100.0	-25.0	31.0	-13.8	35.4	17.2	43.7	0.9	2.5
1100.0	-50.0	26.9	-17.5	35.2	15.0	45.8	-6.9	-3.0
1100.0	-75.0	18.6	-24.7	35.0	10.5	2.2	-11.0	-9.0
1100.0	-100.0	11.2	-25.2	36.4	6.4	30.3	-15.3	-13.2
1100.0	-125.0	11.6	-21.1	36.1	6.6	28.6	-12.5	-13.9
1100.0	-150.0	14.4	-16.2	36.4	8.2	27.7	-2.1	-7.3
1100.0	-175.0	13.2	-15.1	35.6	7.5	30.2	2.7	0.3
1100.0	-200.0	11.8	-14.2	35.8	6.7	24.7	-0.6	1.0
1100.0	-225.0	11.9	-12.3	35.6	6.8	10.1	-2.2	-1.4
1100.0	-250.0	11.0	-10.4	35.5	6.3	4.9	-1.1	-1.7
1100.0	-275.0	9.5	-9.5	34.8	5.4	16.3	-1.8	-1.5
1100.0	-300.0	15.0	-4.4	36.1	8.5	21.7	0.8	-0.5

1100.0	-325.0	11.7	-7.1	34.5	6.6	23.6	3.4	2.1
1100.0	-350.0	4.8	-9.5	33.5	2.7	42.9	-4.6	-0.6
1100.0	-375.0	-2.6	-11.1	34.1	-1.5	32.6	-13.9	-9.3
1100.0	-400.0	-4.8	-8.7	38.1	-2.7	25.0	-13.5	-13.7
1100.0	-425.0	2.8	-5.1	35.8	1.6	20.4	-2.3	-7.9
1100.0	-450.0	-9.5	-7.5	37.7	-5.4	19.6	0.4	-1.0
1100.0	-475.0	4.4	0.0	40.5	2.5	16.7	-1.8	-0.7
1100.0	-500.0	4.3	1.0	37.8	2.4	14.9	8.7	3.4
1100.0	-525.0	0.1	-0.8	36.9	0.1	35.5	5.4	7.0
1100.0	-550.0	8.8	7.8	37.5	5.0	21.1	0.2	2.8
1100.0	-575.0	2.0	4.5	36.2	1.1	30.0	3.6	1.9
1100.0	-600.0	-3.1	3.0	37.0	-1.7	39.7	-5.7	-1.1
1100.0	-625.0	-12.4	0.2	38.5	-7.1	31.9	-14.9	-10.3
1100.0	-650.0	-22.2	-2.8	39.2	-12.5	31.5	-19.0	-17.0
1100.0	-675.0	-16.8	-1.0	41.2	-9.5	31.3	-13.2	-16.1
1100.0	-700.0	-24.2	-1.6	38.4	-13.6	48.7	-3.5	-8.4
1100.0	-725.0	-19.6	1.5	37.5	-11.1	57.4	-2.7	-3.1
700.0	-875.0	-17.3	6.8	42.0	-9.8	63.2		
700.0	-850.0	-19.4	6.8	41.3	-10.9	58.2		
700.0	-825.0	-17.6	7.0	43.1	-10.0	55.8		
700.0	-800.0	-17.8	6.3	41.3	-10.1	65.5	-0.6	
700.0	-775.0	-19.0	5.8	43.1	-10.7	72.8	-0.1	-0.4
700.0	-750.0	-20.7	3.4	41.5	-11.7	59.8	2.3	1.1
700.0	-725.0	-20.1	3.3	42.4	-11.4	68.4	2.3	2.3
700.0	-700.0	-18.8	3.1	42.0	-10.6	57.6	-0.4	0.9
700.0	-675.0	-17.3	4.7	41.8	-9.8	43.3	-2.7	-1.6
700.0	-650.0	-13.5	6.0	41.5	-7.6	33.3	-4.6	-3.7
700.0	-625.0	-18.5	2.6	43.1	-10.4	35.9	-2.4	-3.5
700.0	-600.0	-16.6	3.3	42.6	-9.4	42.4	2.4	0.0
700.0	-575.0	-19.2	2.3	44.0	-10.9	42.0	2.3	2.3
700.0	-550.0	-13.5	7.3	44.7	-7.7	39.4	-1.2	0.5
700.0	-525.0	-23.8	0.7	50.0	-13.4	35.0	0.8	-0.2
700.0	-500.0	-48.5	-15.8	49.8	-25.9	33.6	20.7	10.7
700.0	-475.0	-42.3	-18.8	41.5	-22.9	39.6	27.7	24.2
700.0	-450.0	-34.9	-14.1	39.7	-19.2	39.7	2.8	15.2
700.0	-425.0	-28.9	-12.8	37.5	-16.1	38.2	-13.5	-5.4
700.0	-400.0	-23.9	-10.0	38.2	-13.4	38.2	-12.6	-13.1
700.0	-375.0	-19.4	-9.0	38.6	-10.9	42.1	-11.0	-11.8
700.0	-350.0	-16.7	-9.6	38.3	-9.4	40.3	-9.2	-10.1
700.0	-325.0	-13.0	-8.8	39.6	-7.4	40.4	-7.5	-8.4
700.0	-300.0	-17.1	-10.9	41.5	-9.7	42.4	-3.2	-5.4
700.0	-275.0	-20.2	-13.3	42.0	-11.4	37.2	4.3	0.5
700.0	-250.0	-15.3	-12.0	41.4	-8.7	39.6	3.0	3.6

700.0	-225.0	-18.7	-16.1	43.5	-10.6	35.1	-1.8	0.6
700.0	-200.0	-21.5	-22.2	41.6	-12.1	42.6	2.6	0.4
700.0	-175.0	-16.4	-22.4	40.5	-9.3	41.6	2.1	2.3
700.0	-150.0	-8.5	-20.8	40.3	-4.9	43.9	-8.5	-3.2
700.0	-125.0	-2.9	-18.4	41.9	-1.6	47.0	-14.9	-11.7
700.0	-100.0	-3.5	-18.4	44.5	-2.0	50.9	-10.6	-12.8
700.0	-75.0	1.5	-17.8	45.8	0.8	49.8	-5.3	-8.0
700.0	-50.0	9.9	-16.0	44.1	5.7	48.1	-10.1	-7.7
700.0	-25.0	11.9	-16.6	42.4	6.7	42.2	-13.6	-11.9
700.0	0.0	15.8	-15.7	42.2	8.9	39.9	-9.1	-11.4
700.0	25.0	23.0	-12.6	44.8	12.9	41.6	-9.4	-9.3
700.0	50.0	10.0	-17.5	49.2	5.7	38.9	-3.0	-6.2
700.0	75.0	2.9	-23.8	45.1	1.6	35.3	14.5	5.7
700.0	100.0	17.8	-23.5	37.5	10.1	27.3	6.9	10.7
700.0	125.0	27.1	-16.3	43.2	15.2	34.6	-18.0	-5.6
700.0	150.0	26.8	-15.8	41.2	15.0	24.3	-18.5	-18.3
700.0	175.0	41.0	-9.3	45.5	22.3	28.3	-12.0	-15.3
700.0	200.0	30.3	-9.9	52.7	16.8	19.9	-8.9	-10.5
700.0	225.0	18.2	-10.7	55.8	10.3	20.0	10.2	0.6
700.0	250.0	10.0	-10.1	55.6	5.7	23.4	23.1	16.6
700.0	275.0	3.4	-10.0	52.9	1.9	22.3	19.5	21.3
700.0	300.0	-0.1	-8.7	53.9	-0.1	22.8	14.2	16.8
700.0	325.0	-15.0	-11.5	51.9	-8.5	22.9	16.2	15.2
700.0	350.0	-15.6	-12.0	46.2	-8.9	21.3	19.2	17.7
700.0	375.0	-11.5	-9.2	46.2	-6.6	46.8	6.9	13.0
650.0	375.0	-4.8	-5.6	45.8	-2.7	27.4		
650.0	350.0	-6.8	-6.7	46.6	-3.9	30.4		
650.0	325.0	-7.7	-7.1	48.8	-4.4	22.2		
650.0	300.0	-2.2	-7.4	51.9	-1.2	20.0	1.0	
650.0	275.0	2.1	-8.4	52.0	1.2	20.4	8.3	4.6
650.0	250.0	5.5	-9.3	52.0	3.1	23.9	9.9	9.1
650.0	225.0	12.8	-10.3	51.8	7.3	15.1	10.4	10.1
650.0	200.0	22.9	-11.2	49.9	12.9	17.6	15.9	13.1
650.0	175.0	26.2	-14.0	45.0	14.7	18.2	17.2	16.5
650.0	150.0	16.7	-21.0	41.8	9.5	27.3	4.0	10.6
650.0	125.0	9.5	-20.9	44.8	5.4	26.6	-12.7	-4.4
650.0	100.0	13.9	-20.6	44.5	7.9	24.2	-10.9	-11.8
650.0	75.0	15.6	-20.1	44.0	8.8	30.9	1.8	-4.6
650.0	50.0	15.1	-18.1	45.7	8.6	27.3	4.1	2.9
650.0	25.0	33.1	-12.7	41.5	18.3	28.9	10.2	7.1
650.0	0.0	12.5	-19.9	37.7	7.1	36.8	8.0	9.1
650.0	-25.0	-6.5	-20.8	43.6	-3.7	30.2	-23.5	-7.8
650.0	-50.0	12.6	-11.6	51.9	7.2	33.2	-21.9	-22.7

650.0	-75.0	24.9	-8.3	41.3	14.0	44.1	17.8	-2.1
650.0	-100.0	15.6	-13.3	38.2	8.9	41.0	19.4	18.6
650.0	-125.0	8.3	-13.2	39.2	4.7	45.7	-7.6	5.9
650.0	-150.0	2.9	-14.5	39.9	1.7	46.0	-16.5	-12.1
650.0	-175.0	-1.1	-14.3	39.5	-0.6	42.4	-12.5	-14.5
650.0	-200.0	-9.5	-15.0	40.9	-5.4	40.8	-12.4	-12.5
650.0	-225.0	-10.0	-11.6	46.3	-5.7	34.1	-12.2	-12.3
650.0	-250.0	-2.6	-7.4	48.0	-1.5	39.4	-1.2	-6.7
650.0	-275.0	0.3	-5.5	51.6	0.1	41.4	9.7	4.2
650.0	-300.0	10.0	-1.0	55.4	5.7	49.7	13.0	11.3
650.0	-325.0	6.4	-1.8	50.7	3.6	55.6	10.7	11.8
650.0	-350.0	-12.0	-5.7	52.0	-6.8	56.9	-9.0	0.8
650.0	-375.0	-9.5	-6.2	49.6	-5.4	59.8	-21.5	-15.3
650.0	-400.0	-17.7	-8.5	48.9	-10.0	61.3	-12.2	-16.9
650.0	-425.0	-19.2	-9.3	48.4	-10.9	49.3	-8.7	-10.5
650.0	-450.0	-27.7	-6.8	48.7	-15.4	46.1	-10.9	-9.8
650.0	-475.0	-28.3	-3.6	57.3	-15.8	46.0	-10.3	-10.6
650.0	-500.0	-18.9	-1.2	63.4	-10.7	45.7	-0.2	-5.3
650.0	-525.0	-12.8	1.8	61.1	-7.3	46.3	13.2	6.5
650.0	-550.0	-10.7	4.1	56.6	-6.1	51.1	13.1	13.1
650.0	-575.0	-19.2	5.0	50.1	-10.8	56.3	1.1	7.1
650.0	-600.0	-25.5	3.9	48.1	-14.3	55.8	-11.7	-5.3
650.0	-625.0	-22.5	3.2	46.4	-12.6	48.2	-10.0	-10.9
650.0	-650.0	-21.1	5.3	45.1	-11.9	44.4	0.6	-4.7
650.0	-675.0	-21.0	4.3	44.9	-11.8	46.9	3.2	1.9
650.0	-700.0	-23.9	5.1	44.5	-13.4	46.7	-0.7	1.2
650.0	-725.0	-24.6	3.8	44.8	-13.8	46.9	-3.5	-2.1
650.0	-750.0	-28.1	4.2	45.1	-15.7	58.9	-4.3	-3.9
650.0	-775.0	-27.5	3.9	44.5	-15.4	57.0	-3.9	-4.1
650.0	-800.0	-26.2	6.2	44.8	-14.7	33.4	-0.6	-2.3
650.0	-825.0	-30.1	4.8	45.3	-16.7	34.6	-0.3	-0.5
650.0	-850.0	-30.9	6.6	46.6	-17.2	42.5	-3.8	-2.1
650.0	-875.0	-26.3	8.0	45.1	-14.7	30.4	-0.5	-2.2
650.0	-900.0	-30.3	6.6	46.4	-16.8	37.8	2.4	0.9
650.0	-925.0	-27.8	7.8	50.2	-15.5	32.7	-0.4	1.0
600.0	-925.0	-20.8	7.4	55.5	-11.7	59.2		
600.0	-900.0	-34.6	4.6	53.3	-19.1	48.4		
600.0	-875.0	-25.6	7.6	46.3	-14.3	59.2		
600.0	-850.0	-16.2	9.8	45.6	-9.2	45.2	-7.3	
600.0	-825.0	-31.6	3.1	50.0	-17.5	55.9	-6.7	-7.0
600.0	-800.0	-30.3	0.5	46.5	-16.8	56.9	10.8	2.0
600.0	-775.0	-23.7	3.8	49.5	-13.3	61.1	3.4	7.1
600.0	-750.0	-26.6	2.3	49.5	-14.9	53.5	-6.1	-1.4

600.0	-725.0	-15.1	4.0	58.0	-8.5	80.0	-6.7	-6.4
600.0	-700.0	4.7	8.0	49.2	2.7	73.0	-22.4	-14.6
600.0	-675.0	2.0	7.4	45.1	1.1	67.6	-27.2	-24.8
600.0	-650.0	5.4	8.5	43.9	3.1	59.8	-10.0	-18.6
600.0	-625.0	9.6	7.8	41.1	5.5	34.4	-4.8	-7.4
600.0	-600.0	17.1	10.6	42.3	9.7	48.1	-11.0	-7.9
600.0	-575.0	30.8	10.9	42.6	17.1	42.9	-18.2	-14.6
600.0	-550.0	39.4	18.4	46.6	21.5	49.4	-23.4	-20.8
600.0	-525.0	48.2	12.3	59.2	25.7	41.0	-20.4	-21.9
600.0	-500.0	22.8	2.6	67.8	12.8	45.0	0.1	-10.2
600.0	-475.0	-5.2	-2.2	64.7	-3.0	34.6	37.4	18.7
600.0	-450.0	-20.8	-8.6	51.7	-11.7	37.2	53.2	45.3
600.0	-425.0	-14.1	-15.0	38.0	-8.0	45.7	29.5	41.3
600.0	-400.0	-3.7	-10.4	37.5	-2.1	46.1	-4.6	12.4
600.0	-375.0	4.3	-6.1	36.8	2.4	45.5	-20.0	-12.3
600.0	-350.0	13.1	-1.0	37.3	7.4	49.2	-19.9	-20.0
600.0	-325.0	22.9	1.3	38.1	12.8	41.0	-19.9	-19.9
600.0	-300.0	36.1	1.9	48.3	19.8	35.0	-22.8	-21.4
600.0	-275.0	6.3	-5.5	53.6	3.6	28.5	-3.2	-13.0
600.0	-250.0	-6.8	-10.5	45.1	-3.9	33.0	32.9	14.8
600.0	-225.0	-9.0	-13.2	44.6	-5.1	35.4	32.4	32.6
600.0	-200.0	-13.4	-17.5	41.7	-7.6	36.2	12.4	22.4
600.0	-175.0	-6.6	-18.7	38.6	-3.8	42.0	2.4	7.4
600.0	-150.0	1.2	-17.4	37.3	0.7	44.0	-9.6	-3.6
600.0	-125.0	8.0	-15.7	36.6	4.6	44.0	-16.7	-13.2
600.0	-100.0	9.1	-15.5	38.2	5.2	41.2	-12.9	-14.8
600.0	-75.0	19.6	-13.1	37.1	11.0	43.3	-10.9	-11.9
600.0	-50.0	32.9	-7.9	43.9	18.2	30.0	-19.4	-15.2
600.0	-25.0	7.2	-15.5	49.8	4.1	28.2	-6.1	-12.8
600.0	0.0	3.5	-22.6	42.4	2.0	37.8	23.1	8.5
600.0	25.0	11.3	-20.9	41.9	6.4	30.8	13.9	18.5
600.0	50.0	10.6	-19.6	44.0	6.0	26.0	-6.3	3.8
600.0	75.0	1.1	-21.1	45.0	0.6	22.6	1.8	-2.3
600.0	100.0	4.5	-21.1	38.9	2.5	26.5	9.3	5.5
600.0	125.0	18.0	-16.2	39.8	10.2	27.8	-6.1	1.6
600.0	150.0	19.2	-13.9	46.1	10.9	20.1	-18.0	-12.1
600.0	175.0	15.1	-14.2	46.9	8.6	18.9	-6.8	-12.4
600.0	200.0	6.5	-12.5	49.0	3.7	21.2	8.8	1.0
600.0	225.0	4.3	-10.3	49.8	2.4	25.9	13.4	11.1
600.0	250.0	-6.3	-10.0	51.4	-3.6	29.3	13.5	13.4
600.0	275.0	-8.6	-10.8	50.5	-4.9	29.1	14.6	14.0
550.0	275.0	-16.1	-8.2	53.6	-9.1	37.6		
550.0	250.0	-9.1	-8.2	52.8	-5.2	25.1		

550.0	225.0	-7.7	-9.9	51.5	-4.4	19.3		
550.0	200.0	-2.0	-12.0	48.3	-1.1	23.0	8.8	
550.0	175.0	-4.7	-14.5	47.7	-2.6	19.8	5.9	7.3
550.0	150.0	4.5	-15.2	48.3	2.5	21.7	5.4	5.6
550.0	125.0	2.4	-19.0	45.4	1.4	31.7	7.6	6.5
550.0	100.0	-9.7	-22.7	48.4	-5.5	35.6	-4.0	1.8
550.0	75.0	-7.6	-18.4	53.2	-4.3	38.6	-13.7	-8.9
550.0	50.0	-0.1	-17.9	47.9	0.0	28.4	-0.2	-7.0
550.0	25.0	1.1	-17.7	46.3	0.6	34.8	10.4	5.1
550.0	0.0	5.7	-16.1	46.1	3.2	40.1	8.1	9.2
550.0	-25.0	9.4	-15.1	45.3	5.3	29.8	7.9	8.0
550.0	-50.0	39.9	-14.8	27.6	21.7	74.4	23.2	15.5
550.0	-75.0	35.7	-16.5	25.8	19.6	74.7	32.8	28.0
550.0	-100.0	15.2	-23.6	26.3	8.6	77.7	1.2	17.0
550.0	-125.0	8.5	-25.3	26.1	4.9	77.2	-27.8	-13.3
550.0	-150.0	-2.9	-18.5	36.9	-1.7	48.0	-25.0	-26.4
550.0	-175.0	-10.0	-17.7	37.9	-5.7	45.6	-20.9	-23.0
550.0	-200.0	-17.4	-15.3	40.2	-9.8	40.4	-18.7	-19.8
550.0	-225.0	-13.2	-11.9	42.9	-7.5	40.3	-9.9	-14.3
550.0	-250.0	-2.1	-8.7	43.0	-1.2	39.2	6.8	-1.6
550.0	-275.0	1.2	-7.4	41.9	0.7	35.4	16.8	11.8
550.0	-300.0	19.3	0.6	39.0	10.9	37.3	20.3	18.5
550.0	-325.0	20.4	7.2	34.4	11.5	46.0	22.9	21.6
550.0	-350.0	3.2	-2.9	33.3	1.8	51.2	1.7	12.3
550.0	-375.0	-5.2	-7.6	33.7	-2.9	51.9	-23.5	-10.9
550.0	-400.0	-17.4	-13.9	35.7	-9.9	51.8	-26.1	-24.8
550.0	-425.0	-33.2	-13.3	40.9	-18.4	39.3	-27.2	-26.7
550.0	-450.0	-12.8	-3.2	52.3	-7.3	25.1	-12.9	-20.1
550.0	-475.0	32.6	6.8	58.5	18.0	37.2	39.0	13.0
550.0	-500.0	50.6	19.7	40.1	26.8	36.9	70.5	54.7
550.0	-525.0	28.3	12.3	35.7	15.8	41.0	31.9	51.2
550.0	-550.0	15.9	12.8	36.4	9.0	48.0	-20.0	5.9
550.0	-575.0	10.5	10.0	36.5	6.0	48.8	-27.6	-23.8
550.0	-600.0	8.6	10.4	36.9	4.9	50.2	-13.9	-20.8
550.0	-625.0	6.3	7.9	35.7	3.6	40.6	-6.5	-10.2
550.0	-650.0	10.7	11.1	38.2	6.1	41.6	-1.2	-3.9
550.0	-675.0	6.7	11.8	40.1	3.8	52.6	1.4	0.1
550.0	-700.0	-6.5	9.1	39.5	-3.7	46.7	-9.6	-4.1
550.0	-725.0	-9.9	10.8	37.4	-5.6	35.5	-19.2	-14.4
550.0	-750.0	-11.7	8.8	39.5	-6.6	53.8	-12.3	-15.8
550.0	-775.0	-9.3	12.2	38.5	-5.3	45.8	-2.6	-7.5
550.0	-800.0	-11.5	11.0	38.3	-6.5	40.3	0.4	-1.1
550.0	-825.0	-15.8	9.9	36.2	-8.9	51.1	-3.5	-1.6

550.0	-850.0	-16.8	10.3	36.4	-9.5	47.6	-6.6	-5.1
550.0	-875.0	-8.0	17.9	38.4	-4.6	52.9	1.3	-2.7
550.0	-900.0	-13.7	15.1	38.3	-7.7	57.7	6.1	3.7
550.0	-925.0	-8.6	15.7	40.5	-4.9	62.7	1.5	3.8
550.0	-950.0	-4.0	17.1	41.6	-2.3	65.2	5.1	3.3
550.0	-975.0	-4.1	19.1	41.3	-2.3	62.5	8.0	6.5
550.0	*******	-8.5	16.6	45.9	-4.8	70.3	0.1	4.0
450.0	-975.0	-48.8	10.9	34.1	-26.0	42.5		
450.0	-950.0	-49.0	11.4	34.0	-26.1	47.3		
450.0	-925.0	-43.8	15.6	30.1	-23.6	50.5		
450.0	-900.0	-35.3	21.0	28.3	-19.4	59.3	-9.1	
450.0	-875.0	-40.0	22.5	25.8	-21.8	67.4	-8.5	-8.8
450.0	-850.0	-29.5	20.6	26.9	-16.4	72.3	-4.8	-6.7
450.0	-825.0	-36.2	13.3	27.0	-19.9	72.8	-4.9	-4.9
450.0	-800.0	-33.9	14.3	24.7	-18.7	70.2	0.4	-2.3
450.0	-775.0	-25.0	14.1	26.1	-14.0	73.0	-3.6	-1.6
450.0	-750.0	-16.2	16.1	24.9	-9.2	71.4	-15.4	-9.5
450.0	-725.0	-12.3	16.7	24.9	-7.0	72.3	-16.5	-16.0
450.0	-700.0	-9.5	18.8	24.1	-5.4	72.0	-10.8	-13.7
450.0	-675.0	-16.0	7.0	25.3	-9.1	73.8	-1.7	-6.3
450.0	-650.0	-25.7	2.8	21.5	-14.4	67.2	11.1	4.7
450.0	-625.0	-19.2	3.8	20.5	-10.9	67.0	10.8	10.9
450.0	-600.0	-15.3	8.8	20.4	-8.7	68.8	-3.9	3.4
450.0	-575.0	-1.1	14.1	22.8	-0.6	72.3	-16.0	-10.0
450.0	-550.0	13.2	16.2	25.7	7.5	75.1	-26.5	-21.3
450.0	-525.0	18.0	16.5	28.1	10.2	74.6	-27.0	-26.8
450.0	-500.0	3.0	6.3	25.0	1.7	68.1	-5.0	-16.0
450.0	-475.0	-13.4	-4.7	29.5	-7.6	71.3	23.6	9.3
450.0	-450.0	-20.1	-9.6	30.9	-11.4	70.3	30.9	27.2
450.0	-425.0	-23.9	-13.3	37.2	-13.4	79.0	18.9	24.9
450.0	-400.0	-13.5	-10.0	33.5	-7.7	79.8	2.1	10.5
450.0	-375.0	-2.3	-13.6	27.3	-1.3	77.2	-15.8	-6.9
450.0	-350.0	3.7	-10.3	27.8	2.1	79.3	-21.9	-18.9
450.0	-325.0	23.6	-6.1	26.2	13.3	76.4	-24.4	-23.2
450.0	-300.0	39.7	0.6	26.3	21.6	75.8	-34.1	-29.3
450.0	-275.0	34.0	-1.1	36.3	18.8	72.1	-25.0	-29.6
450.0	-250.0	-36.4	-18.4	40.6	-20.0	73.6	36.1	5.5
450.0	-225.0	-14.0	-16.6	30.1	-7.9	72.7	68.3	52.2
450.0	-200.0	-21.6	-19.4	34.2	-12.2	74.8	18.9	43.6
450.0	-175.0	-17.0	-20.9	32.8	-9.6	75.9	-6.1	6.4
450.0	-150.0	-18.0	-22.4	31.0	-10.2	74.2	-0.3	-3.2
450.0	-125.0	-9.9	-21.3	31.4	-5.7	76.4	-5.9	-3.1
450.0	-100.0	-0.8	-18.5	30.6	-0.5	76.9	-13.6	-9.8

450.0	-75.0	8.6	-21.5	27.4	4.9	72.3	-20.3	-17.0
450.0	-50.0	3.8	-23.7	28.2	2.2	74.0	-13.3	-16.8
450.0	0.0	1.9	-23.9	28.3	1.1	74.2	1.1	-6.1
450.0	25.0	8.9	-26.3	25.5	5.1	71.0	0.9	1.0
450.0	50.0	25.0	-19.7	28.1	14.0	76.0	-15.8	-7.5
450.0	75.0	38.2	-13.9	28.0	20.9	77.4	-28.7	-22.3
450.0	100.0	43.6	-13.1	31.6	23.6	71.4	-25.4	-27.1
450.0	125.0	16.0	-14.8	33.9	9.0	72.8	2.3	-11.6
450.0	150.0	-1.3	-15.4	31.5	-0.8	69.6	36.3	19.3
450.0	175.0	-8.2	-11.6	41.9	-4.7	76.7	38.1	37.2
450.0	200.0	-10.0	-9.2	45.1	-5.7	80.1	18.6	28.3
500.0	225.0	3.8	-11.8	35.8	2.1	74.0		
500.0	200.0	2.8	-19.7	26.9	1.6	66.4		
500.0	175.0	-8.1	-21.1	28.8	-4.6	68.2		
500.0	150.0	1.3	-19.8	33.5	0.7	69.8	-7.6	
500.0	125.0	21.6	-18.8	38.1	12.2	72.8	15.9	4.1
500.0	100.0	27.2	-20.4	37.8	15.2	73.2	31.3	23.6
500.0	75.0	29.0	-20.5	36.5	16.2	73.4	18.5	24.9
500.0	50.0	26.6	-21.2	34.1	14.9	76.4	3.7	11.1
500.0	25.0	9.5	-16.3	42.8	5.4	39.0	-11.1	-3.7
500.0	0.0	6.7	-16.7	42.3	3.8	40.7	-21.9	-16.5
500.0	-25.0	9.0	-15.1	41.2	5.1	37.0	-11.4	-16.7
500.0	-50.0	13.7	-13.3	38.8	7.8	36.2	3.7	-3.9
500.0	-75.0	8.2	-16.1	35.2	4.7	41.6	3.6	3.6
500.0	-100.0	-5.2	-22.6	33.4	-2.9	43.5	-11.1	-3.8
500.0	-125.0	-18.3	-23.7	37.1	-10.4	43.4	-25.8	-18.5
500.0	-150.0	-5.8	-17.7	35.7	-3.3	40.4	-15.5	-20.7
500.0	-175.0	-12.9	-15.4	39.4	-7.3	43.8	2.7	-6.4
500.0	-200.0	-3.6	-12.8	41.7	-2.0	46.2	4.4	3.5
500.0	-225.0	-13.2	-12.6	43.8	-7.5	40.4	1.1	2.7
500.0	-250.0	-5.9	-9.7	45.3	-3.4	42.9	-1.6	-0.3
500.0	-275.0	-0.9	-7.5	52.3	-0.5	44.9	5.6	2.0
500.0	-300.0	14.7	-0.2	44.2	8.3	48.9	18.7	12.1
500.0	-325.0	9.8	4.2	34.9	5.6	52.1	17.8	18.2
500.0	-350.0	-5.8	-4.7	33.1	-3.3	45.7	-5.5	6.1
500.0	-375.0	-14.0	-9.9	33.5	-8.0	33.8	-25.2	-15.4
500.0	-400.0	-36.1	-19.2	36.1	-19.8	36.6	-30.1	-27.7
500.0	-425.0	-40.0	-12.3	46.1	-21.8	36.7	-30.3	-30.2
500.0	-450.0	-18.0	-4.0	53.7	-10.2	20.9	-4.2	-17.3
500.0	-475.0	12.2	3.5	48.9	6.9	23.7	38.3	17.0
500.0	-500.0	27.6	13.0	34.5	15.4	37.5	54.3	46.3
500.0	-525.0	0.0	0.3	34.9	0.0	30.2	18.7	36.5
500.0	-550.0	7.5	5.1	39.6	4.3	32.0	-18.0	0.3

500.0	-575.0	10.2	8.5	37.4	5.8	35.2	-5.3	-11.7
500.0	-600.0	4.2	7.1	34.5	2.4	35.8	3.9	-0.7
500.0	-625.0	3.0	7.7	34.5	1.7	12.7	-6.0	-1.1
500.0	-650.0	1.5	7.9	36.6	0.9	39.8	-5.6	-5.8
500.0	-675.0	13.7	15.0	38.6	7.8	39.9	4.6	-0.5
500.0	-700.0	4.7	13.0	36.2	2.7	39.2	7.9	6.2
500.0	-725.0	1.1	12.2	36.5	0.6	37.7	-5.4	1.2
500.0	-750.0	-1.8	12.5	37.5	-1.0	40.7	-10.9	-8.2
500.0	-775.0	-5.6	12.6	38.0	-3.2	46.8	-7.5	-9.2
500.0	-800.0	-10.0	12.2	37.8	-5.7	34.3	-8.5	-8.0
500.0	-825.0	-11.4	12.0	39.1	-6.5	38.3	-8.0	-8.3
500.0	-850.0	-8.3	17.8	39.2	-4.7	38.4	-2.3	-5.2
500.0	-875.0	-10.1	16.3	40.7	-5.7	22.9	1.8	-0.3
500.0	-900.0	-8.4	20.7	37.5	-4.8	34.0	0.7	1.2
500.0	-925.0	-17.7	16.7	37.4	-10.0	32.3	-4.4	-1.9
500.0	-950.0	-37.2	14.5	39.6	-20.4	34.8	-19.9	-12.2
500.0	-975.0	-25.5	13.2	40.6	-14.3	26.6	-19.9	-19.9
400.0	-975.0	-41.4	9.0	41.4	-22.5	33.4		
400.0	-950.0	-33.4	11.9	40.5	-18.4	42.0		
400.0	-925.0	-38.9	10.5	39.3	-21.3	38.9		
400.0	-900.0	-29.8	15.3	36.4	-16.6	21.2	-3.0	
400.0	-875.0	-23.0	15.0	37.4	-12.9	24.6	-10.2	-6.6
400.0	-850.0	-18.7	16.0	37.2	-10.6	21.1	-14.4	-12.3
400.0	-825.0	-18.2	13.5	37.6	-10.3	22.8	-8.6	-11.5
400.0	-800.0	-17.7	12.1	38.2	-10.0	39.6	-3.2	-5.9
400.0	-775.0	-14.0	12.0	36.7	-7.9	32.7	-3.0	-3.1
400.0	-750.0	-12.0	12.1	36.5	-6.8	35.7	-5.6	-4.3
400.0	-725.0	-7.4	12.7	35.9	-4.2	23.6	-6.9	-6.3
400.0	-700.0	-4.4	12.2	37.7	-2.5	37.8	-8.0	-7.5
400.0	-675.0	1.0	13.3	38.6	0.5	25.8	-9.0	-8.5
400.0	-650.0	-7.6	6.9	38.0	-4.3	16.3	-2.9	-6.0
400.0	-625.0	-4.8	7.2	37.3	-2.7	25.2	5.0	1.0
400.0	-600.0	-6.5	3.9	36.1	-3.7	27.0	2.6	3.8
400.0	-575.0	-3.6	4.7	35.4	-2.0	36.9	-1.3	0.6
400.0	-550.0	0.6	5.0	33.9	0.3	33.6	-4.7	-3.0
400.0	-525.0	6.6	7.1	34.3	3.8	26.9	-9.8	-7.3
400.0	-500.0	15.8	10.5	35.0	8.9	32.0	-14.4	-12.1
400.0	-475.0	20.6	9.4	39.7	11.6	35.3	-16.4	-15.4
400.0	-450.0	10.0	3.5	44.5	5.7	24.3	-4.6	-10.5
400.0	-425.0	-2.4	-1.2	45.4	-1.3	38.9	16.1	5.7
400.0	-400.0	-16.0	-7.3	44.8	-9.1	33.8	27.7	21.9
400.0	-375.0	-11.6	-8.5	39.0	-6.6	42.5	20.1	23.9
400.0	-350.0	-3.7	-11.0	36.3	-2.1	40.4	-1.7	9.2

400.0	-325.0	5.8	-8.0	35.8	3.3	36.8	-16.9	-9.3
400.0	-300.0	10.7	-6.2	35.8	6.1	33.0	-18.1	-17.5
400.0	-275.0	19.8	-4.0	36.8	11.2	35.4	-16.1	-17.1
400.0	-250.0	27.5	-1.2	43.5	15.4	35.8	-17.2	-16.7
400.0	-225.0	14.9	-4.9	47.5	8.5	39.4	-6.6	-11.9
400.0	-200.0	7.9	-7.9	48.8	4.5	40.0	13.6	3.5
400.0	-175.0	9.0	-9.5	47.6	5.1	42.2	14.3	13.9
400.0	-150.0	9.9	-10.4	46.1	5.6	41.8	2.3	8.3
400.0	-125.0	10.7	-11.6	43.4	6.1	43.3	-2.1	0.1
400.0	-100.0	11.4	-11.1	45.0	6.5	46.2	-1.9	-2.0
400.0	-75.0	10.9	-12.5	43.6	6.2	29.6	-1.0	-1.5
400.0	-50.0	10.0	-12.7	44.7	5.7	30.2	0.7	-0.2
400.0	-25.0	4.0	-16.4	42.7	2.3	35.8	4.7	2.7
400.0	0.0	7.2	-17.1	39.2	4.1	37.9	5.5	5.1
400.0	25.0	12.6	-14.6	40.7	7.2	41.3	-3.3	1.1
400.0	50.0	17.2	-13.7	40.5	9.7	36.4	-10.5	-6.9
400.0	75.0	23.8	-11.3	40.9	13.4	37.3	-11.8	-11.2
400.0	100.0	29.1	-8.3	45.9	16.2	35.8	-12.7	-12.3
400.0	125.0	23.0	-8.1	50.1	12.9	24.2	-6.0	-9.4
400.0	150.0	15.4	-9.1	51.5	8.7	31.9	8.0	1.0
400.0	175.0	11.6	-10.1	47.7	6.6	35.1	13.8	10.9
350.0	175.0	21.7	-8.7	42.9	12.2	28.0		
350.0	150.0	13.5	-9.8	45.7	7.7	34.0		
350.0	125.0	26.4	-7.5	46.4	14.8	29.0		
350.0	100.0	28.6	-7.9	45.1	15.9	20.7	10.8	
350.0	75.0	31.7	-8.1	41.7	17.5	34.2	10.9	10.8
350.0	50.0	23.0	-10.8	40.2	12.9	40.9	-0.3	5.3
350.0	25.0	16.8	-12.0	39.9	9.5	42.6	-11.0	-5.7
350.0	0.0	11.6	-13.1	40.5	6.6	45.2	-14.3	-12.7
350.0	-25.0	10.2	-13.2	41.5	5.8	37.0	-10.0	-12.2
350.0	-50.0	18.1	-10.1	44.2	10.2	34.2	-0.1	-5.1
350.0	-75.0	33.0	-6.6	38.9	18.2	31.6	16.0	7.9
350.0	-100.0	23.1	-9.0	37.6	13.0	35.9	15.2	15.6
350.0	-125.0	19.1	-8.9	37.1	10.8	33.4	-4.6	5.3
350.0	-150.0	6.1	-11.8	39.4	3.5	16.1	-16.9	-10.8
350.0	-175.0	24.4	-5.6	44.1	13.7	35.0	-6.6	-11.8
350.0	-200.0	22.0	-6.1	45.4	12.4	31.0	11.8	2.6
350.0	-225.0	44.4	0.9	40.8	23.9	27.1	19.1	15.4
350.0	-250.0	31.7	-0.9	37.3	17.6	39.1	15.4	17.2
350.0	-275.0	23.5	-3.1	36.4	13.2	42.6	-5.5	4.9
350.0	-300.0	17.4	-3.6	36.4	9.8	38.4	-18.5	-12.0
350.0	-325.0	10.7	-2.6	37.6	6.1	48.1	-14.9	-16.7
350.0	-350.0	7.0	-3.8	38.1	4.0	43.8	-12.9	-13.9

350.0	-375.0	4.7	-3.7	38.6	2.7	43.2	-9.2	-11.1
350.0	-400.0	2.8	-2.8	39.6	1.6	41.8	-5.8	-7.5
350.0	-425.0	9.3	0.6	37.4	5.3	32.7	0.2	-2.8
350.0	-450.0	9.7	1.4	39.0	5.5	32.2	6.5	3.3
350.0	-475.0	5.3	2.8	35.2	3.0	18.3	1.6	4.0
350.0	-500.0	11.3	7.6	33.2	6.4	9.4	-1.4	0.1
350.0	-525.0	-1.9	2.0	33.2	-1.1	10.3	-3.2	-2.3
350.0	-550.0	-6.7	2.4	32.4	-3.8	25.0	-14.3	-8.8
350.0	-575.0	-7.2	2.4	35.5	-4.1	20.0	-13.2	-13.8
350.0	-600.0	-12.2	1.9	35.7	-6.9	34.1	-6.1	-9.7
350.0	-625.0	-15.1	0.4	37.7	-8.5	9.4	-7.5	-6.8
350.0	-650.0	-23.1	-2.3	40.4	-13.0	8.1	-10.5	-9.0
350.0	-675.0	4.1	14.1	40.0	2.3	24.5	4.7	-2.9
350.0	-700.0	-6.5	7.6	39.3	-3.7	31.3	20.1	12.4
350.0	-725.0	1.5	14.4	39.7	0.8	24.1	7.8	13.9
350.0	-750.0	0.8	17.7	36.4	0.4	17.7	2.6	5.2
350.0	-775.0	-10.3	15.1	36.6	-5.8	50.9	-2.5	0.0
350.0	-800.0	-16.6	13.5	36.8	-9.4	25.7	-16.4	-9.5
350.0	-825.0	-18.7	14.2	38.0	-10.6	24.6	-14.6	-15.5
350.0	-850.0	-19.1	15.0	37.9	-10.8	39.7	-6.2	-10.4
350.0	-875.0	-26.1	13.5	38.0	-14.6	31.1	-5.4	-5.8
350.0	-900.0	-27.4	13.8	38.4	-15.3	33.1	-8.5	-7.0
350.0	-925.0	-29.6	15.6	39.7	-16.5	22.2	-6.4	-7.5
350.0	-950.0	-35.1	11.2	39.9	-19.3	14.1	-5.9	-6.2
350.0	-975.0	-37.5	10.7	45.6	-20.6	17.9	-8.1	-7.0
350.0	*******	-33.7	12.6	49.5	-18.6	23.6	-3.4	-5.8
350.0	*******	-29.3	15.1	49.4	-16.3	20.4	5.0	0.8
300.0	*******	-42.0	14.8	45.0	-22.8	21.1		
300.0	*******	-38.2	14.9	43.0	-20.9	20.4		
300.0	*******	-34.9	13.1	43.3	-19.2	20.4		
300.0	*******	-39.4	11.9	41.3	-21.5	16.1	-3.0	
300.0	-975.0	-41.8	11.4	38.2	-22.6	9.8	4.0	0.5
300.0	-950.0	-35.6	16.6	36.3	-19.6	34.1	1.5	2.7
300.0	-925.0	-31.2	13.0	36.7	-17.3	28.3	-7.2	-2.9
300.0	-900.0	-32.3	12.4	35.1	-17.9	20.8	-7.0	-7.1
300.0	-875.0	-22.0	14.0	35.9	-12.4	30.8	-6.6	-6.8
300.0	-850.0	-19.1	13.8	35.7	-10.8	28.0	-12.0	-9.3
300.0	-825.0	-10.3	18.6	35.1	-5.8	19.1	-13.7	-12.9
300.0	-800.0	-10.8	15.0	35.3	-6.2	13.4	-11.2	-12.5
300.0	-775.0	-16.1	9.8	36.9	-9.1	18.5	-1.3	-6.3
300.0	-750.0	-12.5	10.0	35.8	-7.1	26.1	4.2	1.4
300.0	-725.0	0.5	15.0	38.4	0.2	21.9	-8.4	-2.1
300.0	-700.0	-4.2	10.2	39.6	-2.4	11.0	-14.0	-11.2

300.0	-675.0	-7.1	7.4	43.0	-4.0	9.5	-0.5	-7.3
300.0	-650.0	-27.3	-2.5	39.4	-15.2	-1.3	17.0	8.2
300.0	-625.0	-21.0	-1.9	33.9	-11.8	11.4	20.6	18.8
300.0	-600.0	-12.5	1.2	32.7	-7.1	17.3	-0.3	10.1
300.0	-575.0	-12.7	-0.6	34.1	-7.2	18.3	-12.7	-6.5
300.0	-550.0	-11.7	-0.6	32.7	-6.6	16.9	-5.1	-8.9
300.0	-525.0	-13.1	-3.1	33.4	-7.4	14.5	-0.3	-2.7
300.0	-500.0	-6.3	-1.1	32.9	-3.6	7.9	-2.8	-1.6
300.0	-475.0	-2.8	-1.8	33.6	-1.6	23.9	-8.8	-5.8
300.0	-450.0	-1.6	-2.5	34.3	-0.9	28.3	-8.5	-8.7
300.0	-425.0	0.1	-2.3	34.6	0.1	33.7	-4.4	-6.5
300.0	-400.0	2.1	-3.8	35.7	1.2	32.7	-3.8	-4.1
300.0	-375.0	0.0	-5.1	34.4	0.0	35.0	-2.0	-2.9
300.0	-350.0	4.7	-5.0	34.4	2.7	34.5	-1.4	-1.7
300.0	-325.0	10.2	-4.5	35.5	5.8	40.7	-7.3	-4.4
300.0	-300.0	10.5	-6.0	33.8	6.0	39.9	-9.1	-8.2
300.0	-275.0	17.5	-4.8	35.0	9.9	36.1	-7.4	-8.3
300.0	-250.0	23.0	-4.3	38.1	12.9	37.9	-11.0	-9.2
300.0	-225.0	23.3	-5.4	40.3	13.1	30.7	-10.1	-10.6
300.0	-200.0	14.9	-7.9	41.2	8.5	28.3	1.2	-4.5
300.0	-175.0	12.1	-9.1	41.6	6.9	25.2	10.6	5.9
300.0	-150.0	0.0	-12.7	41.5	0.0	22.9	14.7	12.6
300.0	-125.0	0.8	-16.2	37.0	0.5	25.8	14.9	14.8
300.0	-100.0	8.5	-14.7	36.6	4.8	29.2	1.6	8.2
300.0	-75.0	7.4	-13.9	38.6	4.2	33.4	-8.5	-3.5
300.0	-50.0	6.7	-14.5	38.4	3.8	30.2	-2.7	-5.6
300.0	-25.0	10.0	-14.1	37.9	5.7	29.1	-0.5	-1.6
300.0	0.0	13.7	-12.9	38.9	7.8	24.4	-5.5	-3.0
300.0	25.0	17.4	-12.0	38.5	9.9	27.4	-8.2	-6.9
300.0	50.0	20.3	-10.7	39.1	11.4	34.2	-7.8	-8.0
300.0	75.0	-15.7	11.3	38.5	-8.9	42.0	15.2	3.7
300.0	100.0	-12.0	12.9	37.7	-6.8	29.6	37.0	26.1
300.0	125.0	13.0	-12.9	38.6	7.4	47.4	1.9	19.4
300.0	150.0	12.2	-13.6	39.1	7.0	44.3	-30.1	-14.1
300.0	175.0	17.6	-9.1	38.8	9.9	33.9	-16.3	-23.2
300.0	200.0	18.1	-9.4	38.3	10.3	38.8	-5.8	-11.1
200.0	225.0	14.9	-9.3	37.4	8.5	43.5		
200.0	200.0	14.6	-9.4	37.6	8.3	45.1		
200.0	175.0	10.9	-10.9	36.8	6.2	28.9		
200.0	150.0	5.6	-12.1	37.2	3.2	48.7	-7.4	
200.0	125.0	2.9	-13.3	37.9	1.7	38.1	-9.6	-8.5
200.0	100.0	-3.9	-15.1	37.6	-2.2	31.0	-9.9	-9.8
200.0	75.0	-5.2	-14.0	40.4	-3.0	29.0	-10.1	-10.0

200.0	50.0	-5.0	-14.0	40.3	-2.9	27.8	-5.4	-7.8
200.0	25.0	3.5	-9.3	39.4	2.0	18.3	4.3	-0.6
200.0	0.0	0.2	-11.9	36.3	0.1	30.5	8.0	6.1
200.0	-25.0	-5.7	-11.4	40.3	-3.2	34.7	-2.2	2.9
200.0	-50.0	1.3	-9.2	41.9	0.7	23.3	-4.6	-3.4
200.0	-75.0	1.1	-9.1	42.6	0.6	22.7	4.4	-0.1
200.0	-100.0	2.3	-9.0	41.8	1.3	17.3	4.4	4.4
200.0	-125.0	2.1	-9.3	41.4	1.2	16.1	1.2	2.8
200.0	-150.0	0.0	10.1	41.9	0.0	30.4	-0.7	0.2
200.0	-175.0	0.1	10.2	42.1	0.0	32.7	-2.5	-1.6
200.0	-200.0	3.3	11.7	40.5	1.9	17.8	0.7	-0.9
200.0	-225.0	3.2	11.5	40.4	1.8	16.5	3.7	2.2
200.0	-250.0	4.4	12.9	40.0	2.5	25.4	2.4	3.0
200.0	-275.0	3.2	13.7	37.6	1.8	19.1	0.6	1.5
200.0	-300.0	4.3	14.1	37.8	2.4	27.1	-0.1	0.2
200.0	-325.0	2.8	13.5	37.1	1.6	24.2	-0.3	-0.2
200.0	-350.0	1.7	13.2	37.2	0.9	31.5	-1.7	-1.0
200.0	-375.0	-0.1	12.5	36.2	0.0	26.8	-3.1	-2.4
200.0	-400.0	-1.5	12.5	36.3	-0.8	25.6	-3.3	-3.2
200.0	-425.0	-1.4	12.4	36.1	-0.8	27.0	-2.5	-2.9
200.0	-450.0	-2.9	12.0	36.7	-1.6	30.7	-1.6	-2.1
200.0	-475.0	-3.1	12.1	36.4	-1.7	30.2	-1.7	-1.7
200.0	-500.0	-4.8	11.6	36.3	-2.8	23.9	-2.1	-1.9
200.0	-525.0	-4.5	11.6	36.1	-2.5	24.5	-2.0	-2.1
200.0	-550.0	-6.4	10.2	36.9	-3.6	29.0	-1.6	-1.8
200.0	-575.0	-6.8	10.3	37.2	-3.9	28.6	-2.2	-1.9
200.0	-600.0	-6.7	9.6	38.5	-3.8	30.9	-1.6	-1.9
200.0	-625.0	-7.2	9.7	37.6	-4.1	35.9	-0.4	-1.0
200.0	-650.0	-5.6	9.7	39.4	-3.2	23.9	0.4	0.0
200.0	-675.0	-5.5	9.5	39.5	-3.1	21.6	1.6	1.0
200.0	-700.0	-3.8	10.3	40.4	-2.1	22.0	2.1	1.8
200.0	-725.0	-2.2	10.5	40.8	-1.3	23.9	2.9	2.5
200.0	-750.0	-1.2	9.9	41.4	-0.6	77.9	3.3	3.1
200.0	-775.0	-0.4	11.6	41.0	-0.2	23.7	2.6	2.9
200.0	-800.0	-0.4	11.8	41.1	-0.2	26.0	1.5	2.0
200.0	-825.0	1.6	12.8	41.0	0.9	24.1	1.5	1.5
200.0	-850.0	1.3	13.0	41.6	0.7	27.8	2.0	1.7
200.0	-875.0	1.9	13.1	41.5	1.1	40.1	1.1	1.5
200.0	-900.0	4.4	15.8	39.7	2.5	29.3	2.0	1.5
200.0	-925.0	3.2	16.4	39.7	1.8	35.2	2.5	2.2
200.0	-950.0	2.0	15.7	38.8	1.1	30.9	-0.7	0.9
200.0	-975.0	1.8	15.8	38.5	1.0	32.3	-2.2	-1.5
200.0	*******	0.4	15.5	38.0	0.2	21.6	-1.7	-2.0

250.0	*******	-1.0	-15.4	38.0	-0.5	26.0		
250.0	*******	-0.6	-15.4	37.9	-0.3	26.4		
250.0	*******	0.2	-15.1	37.7	0.1	27.3		
250.0	*******	1.3	-14.7	37.3	0.7	23.3	-1.6	
250.0	-975.0	1.8	-14.7	37.4	1.0	23.4	-1.9	-1.8
250.0	-950.0	2.4	-14.4	38.0	1.4	19.0	-1.6	-1.8
250.0	-925.0	3.5	-14.2	37.4	2.0	30.2	-1.7	-1.7
250.0	-900.0	3.8	-14.1	37.4	2.2	28.4	-1.8	-1.8
250.0	-875.0	4.3	-14.1	37.5	2.4	26.4	-1.2	-1.5
250.0	-850.0	5.1	-13.9	37.3	2.9	26.6	-1.1	-1.2
250.0	-825.0	5.9	-13.4	37.8	3.4	29.3	-1.7	-1.4
250.0	-800.0	6.2	-13.5	37.7	3.5	28.5	-1.6	-1.7
250.0	-775.0	6.1	-13.4	37.6	3.5	26.0	-0.7	-1.2
250.0	-750.0	6.3	-13.4	37.1	3.6	24.7	-0.2	-0.5
250.0	-725.0	6.9	-13.2	38.1	3.9	40.5	-0.5	-0.4
250.0	-700.0	7.5	-13.2	38.2	4.3	40.6	-1.1	-0.8
250.0	-675.0	7.9	-12.8	38.0	4.5	56.0	-1.3	-1.2
250.0	-650.0	7.9	-12.7	38.5	4.5	56.7	-0.8	-1.1
250.0	-625.0	8.7	-12.9	37.8	5.0	38.5	-0.7	-0.8
250.0	-600.0	9.2	-12.4	38.1	5.2	23.3	-1.2	-1.0
250.0	-575.0	10.3	-12.5	38.1	5.8	27.9	-1.5	-1.4
250.0	-550.0	10.2	-12.1	38.6	5.8	29.4	-1.4	-1.5
250.0	-525.0	11.3	-11.9	38.7	6.4	35.4	-1.2	-1.3
250.0	-500.0	12.3	-11.2	38.4	7.0	43.1	-1.8	-1.5
250.0	-475.0	12.6	-11.3	38.3	7.1	40.1	-1.9	-1.9
250.0	-450.0	14.5	-11.0	38.3	8.2	34.4	-1.9	-1.9
250.0	-425.0	14.3	-11.0	38.4	8.1	34.2	-2.2	-2.1
250.0	-400.0	15.8	-10.4	38.9	8.9	41.2	-1.7	-2.0
250.0	-375.0	17.0	-9.6	39.6	9.6	38.5	-2.2	-2.0
250.0	-350.0	16.7	-9.8	39.5	9.5	37.3	-2.1	-2.2
250.0	-325.0	17.8	-9.2	40.4	10.1	32.0	-1.1	-1.6
250.0	-300.0	17.7	-9.3	39.3	10.0	28.2	-1.0	-1.1
250.0	-275.0	19.4	-9.4	40.4	11.0	29.2	-1.4	-1.2
250.0	-250.0	18.4	-9.1	39.2	10.4	30.3	-1.3	-1.4
250.0	-225.0	17.8	-8.8	39.2	10.1	31.9	0.5	-0.4
250.0	-200.0	17.8	-9.0	40.0	10.1	27.2	1.2	0.8
250.0	-175.0	17.6	-9.1	39.7	10.0	26.6	0.4	0.8
250.0	-150.0	17.3	-9.0	39.9	9.8	26.5	0.4	0.4
250.0	-125.0	17.1	-9.0	39.6	9.7	21.4	0.6	0.5
250.0	-100.0	17.2	-9.2	40.8	9.8	41.9	0.3	0.4
250.0	-75.0	16.5	-9.3	40.6	9.4	37.0	0.3	0.3
250.0	-50.0	16.9	-9.3	40.7	9.6	38.1	0.5	0.4
250.0	-25.0	16.7	-9.4	40.5	9.4	40.6	0.2	0.3

250.0	0.0	15.2	-9.6	39.6	8.6	23.0	1.0	0.6
250.0	25.0	15.5	-9.0	41.1	8.8	26.9	1.6	1.3
250.0	50.0	11.3	-9.8	42.1	6.4	24.3	2.8	2.2
250.0	75.0	11.1	-9.5	41.9	6.3	23.6	4.7	3.7
150.0	175.0	12.7	-9.1	40.9	7.2	25.3		
150.0	150.0	12.6	-9.0	40.7	7.1	23.5		
150.0	125.0	11.7	-9.1	40.6	6.7	24.3		
150.0	100.0	12.2	-9.1	40.5	6.9	25.4	-0.7	
150.0	75.0	11.6	-8.9	40.5	6.6	17.1	-0.3	-0.5
150.0	50.0	12.0	-9.1	41.1	6.8	21.9	-0.2	-0.3
150.0	25.0	5.2	-9.6	40.9	3.0	19.5	-3.7	-2.0
150.0	0.0	0.4	-9.4	41.8	0.2	23.2	-10.2	-7.0
150.0	-25.0	-0.5	-9.3	42.4	-0.3	20.8	-9.9	-10.1
150.0	-50.0	-5.4	-10.5	41.4	-3.1	23.1	-6.6	-8.3
150.0	-75.0	-5.5	-10.8	41.3	-3.1	22.8	-6.1	-6.4
150.0	-100.0	-4.8	-10.4	40.5	-2.8	18.9	-2.5	-4.3
150.0	-125.0	-5.2	-10.5	41.2	-3.0	19.4	0.4	-1.1
150.0	-150.0	-4.8	-10.2	41.0	-2.7	20.9	0.2	0.3
100.0	0.0	-2.5	-11.0	41.3	-1.4	35.6		
100.0	25.0	-2.0	-10.3	40.7	-1.1	27.7		
100.0	50.0	-1.9	-10.3	40.8	-1.0	29.1		
100.0	75.0	-1.6	-10.5	40.5	-0.9	22.4	-0.6	
100.0	100.0	-2.6	-11.0	41.4	-1.5	31.8	0.3	-0.2
100.0	125.0	-2.6	-11.3	40.9	-1.5	34.3	1.1	0.7
100.0	150.0	-3.2	-11.3	42.0	-1.8	33.1	0.9	1.0
100.0	175.0	-3.3	-11.3	42.0	-1.9	39.1	0.7	0.8
50.0	100.0	-3.9	-10.1	43.1	-2.2	21.2		
50.0	75.0	-0.1	-9.1	42.9	0.0	23.4		
50.0	50.0	0.5	-9.4	42.3	0.2	24.5		
50.0	25.0	0.7	-9.5	42.2	0.4	28.2	2.8	
50.0	0.0	-2.1	10.0	43.1	-1.2	21.0	-1.0	0.9
0.0	0.0	2.0	-9.5	43.1	1.1	-63.2		
25.0	0.0	4.0	-9.6	42.1	2.3	-64.7		
50.0	0.0	6.2	-9.5	42.3	3.5	-64.8		
75.0	0.0	6.5	-9.6	42.0	3.7	-60.7	-3.8	
100.0	0.0	10.0	-8.9	42.2	5.7	-65.8	-3.6	-3.7
125.0	0.0	13.9	-8.4	41.4	7.9	-61.7	-6.4	-5.0
150.0	0.0	13.6	-8.7	41.8	7.7	-61.1	-6.2	-6.3
175.0	0.0	15.8	-8.5	40.5	8.9	-68.4	-3.0	-4.6
200.0	0.0	16.8	-8.6	40.2	9.5	-62.0	-2.8	-2.9
225.0	0.0	16.0	-8.5	40.5	9.1	-62.7	-2.0	-2.4
250.0	0.0	11.1	-12.8	41.3	6.3	-61.7	3.0	0.5
275.0	0.0	12.4	-12.7	40.1	7.0	-46.9	5.3	4.1

300.0	0.0	12.4	-12.5	40.6	7.0	-56.1	1.4	3.3
325.0	0.0	12.4	-12.7	41.4	7.0	-58.9	-0.7	0.3
350.0	0.0	11.5	-13.7	41.5	6.5	-53.3	0.5	-0.1
375.0	0.0	8.4	-14.6	42.4	4.8	-60.0	2.7	1.6
400.0	0.0	6.3	-15.7	41.8	3.6	-73.0	5.1	3.9
425.0	0.0	7.0	-16.1	42.0	4.0	-60.9	3.7	4.4
450.0	0.0	8.2	-16.0	41.7	4.7	-45.6	-0.3	1.7
475.0	0.0	9.3	-15.4	42.6	5.3	-60.0	-2.4	-1.4
500.0	0.0	6.5	-16.0	43.8	3.7	-61.0	-0.3	-1.4
525.0	0.0	6.4	-15.0	45.3	3.7	-59.1	2.6	1.1
550.0	0.0	6.2	-15.7	45.4	3.5	-54.3	1.8	2.2
575.0	0.0	4.8	-17.7	44.8	2.7	-67.5	1.2	1.5
600.0	0.0	3.0	-20.9	42.2	1.7	-61.6	2.8	2.0
625.0	0.0	1.7	-24.1	38.0	0.9	-59.7	3.6	3.2
650.0	0.0	12.5	-18.6	37.1	7.1	-56.6	-3.6	0.0
675.0	0.0	19.1	-13.9	38.8	10.8	-58.0	-15.3	-9.5
700.0	0.0	14.9	-13.7	41.4	8.5	-57.4	-11.3	-13.3
725.0	0.0	7.6	-18.1	42.8	4.3	-56.2	5.1	-3.1
750.0	0.0	4.1	-18.9	43.7	2.3	-69.6	12.7	8.9
775.0	0.0	-2.0	-24.1	42.8	-1.1	-62.5	11.6	12.1
800.0	0.0	2.7	-24.8	38.3	1.5	-64.9	6.2	8.9
825.0	0.0	4.6	-22.6	38.0	2.6	-68.1	-2.9	1.6
850.0	0.0	6.2	-21.2	37.5	3.5	-61.6	-5.7	-4.3
875.0	0.0	7.5	-20.6	37.4	4.3	-65.5	-3.7	-4.7
900.0	0.0	8.9	-20.2	37.2	5.1	-65.6	-3.3	-3.5
925.0	0.0	10.7	-20.2	36.9	6.1	-57.5	-3.4	-3.4
950.0	0.0	12.8	-18.4	37.0	7.3	-71.2	-4.0	-3.7
975.0	0.0	11.9	-19.4	36.8	6.7	-67.7	-2.8	-3.4
1000.0	0.0	13.7	-18.6	36.8	7.8	-69.3	-1.1	-2.0
1025.0	0.0	14.5	-18.5	36.6	8.2	-70.9	-2.0	-1.6
1050.0	0.0	15.0	-17.8	36.1	8.5	-65.0	-2.2	-2.1
1075.0	0.0	16.8	-17.7	36.1	9.5	-65.7	-2.0	-2.1
1100.0	0.0	16.8	-17.7	36.4	9.5	-69.0	-2.3	-2.2
1125.0	0.0	17.2	-17.0	36.8	9.7	-73.9	-1.2	-1.8
1150.0	0.0	17.3	-16.8	36.9	9.8	-71.5	-0.5	-0.9
1175.0	0.0	18.4	-17.0	36.4	10.4	-62.3	-1.0	-0.8
1200.0	0.0	19.6	-16.2	36.5	11.0	-60.6	-1.9	-1.5
1225.0	0.0	19.5	-16.2	38.3	11.0	-70.8	-1.8	-1.9
1250.0	0.0	18.1	-19.4	38.2	10.2	-62.1	0.2	-0.8
1275.0	0.0	18.0	-21.9	38.0	10.2	-63.6	1.6	0.9
1300.0	0.0	17.3	-22.2	38.4	9.8	-71.1	1.2	1.4
1325.0	0.0	17.2	-23.6	37.6	9.8	-63.8	0.8	1.0
1350.0	0.0	16.6	-22.8	38.5	9.4	-79.5	0.8	0.8

1375.0	0.0	17.0	-22.6	38.4	9.6	-76.6	0.6	0.7
1400.0	0.0	17.1	-22.4	38.0	9.7	-60.5	-0.1	0.2
1000.0	0.0	15.9	-23.7	37.0	9.0	28.0		
1000.0	-25.0	13.1	-21.5	36.5	7.4	25.2		
1000.0	-50.0	11.8	-18.6	36.0	6.7	16.7		
1000.0	-75.0	8.5	-18.3	35.4	4.8	23.2	-4.9	
1000.0	-100.0	6.3	-17.7	35.6	3.6	25.6	-5.7	-5.3
1000.0	-125.0	4.8	-16.6	36.7	2.7	23.6	-5.2	-5.5
1000.0	-150.0	6.0	-14.5	36.1	3.4	20.6	-2.3	-3.8
1000.0	-175.0	-0.8	-17.5	36.5	-0.4	23.4	-3.3	-2.8
1000.0	-200.0	-3.4	-16.1	36.5	-1.9	19.2	-8.4	-5.9
1000.0	-225.0	-1.8	-12.2	37.2	-1.0	24.6	-5.9	-7.2
1000.0	-250.0	-3.9	-11.5	38.1	-2.2	23.7	-0.9	-3.4
1000.0	-275.0	0.8	-7.3	36.1	0.5	29.8	1.2	0.1
1000.0	-300.0	-4.5	-9.2	38.1	-2.6	26.9	1.1	1.1
1000.0	-325.0	-4.1	-7.4	38.0	-2.3	34.8	-3.2	-1.1
1000.0	-350.0	-10.0	-9.5	36.9	-5.7	32.8	-5.9	-4.6
1000.0	-375.0	-11.0	-8.1	39.2	-6.3	20.2	-7.1	-6.5
1000.0	-400.0	-16.5	-10.0	39.7	-9.4	30.6	-7.7	-7.4
1000.0	-425.0	-13.5	-4.7	40.8	-7.7	17.5	-5.1	-6.4
1000.0	-450.0	-0.1	3.0	44.5	0.0	19.7	8.0	1.4
1000.0	-475.0	8.0	8.4	40.7	4.5	14.6	21.6	14.8
1000.0	-500.0	-0.7	5.7	37.3	-0.4	31.5	11.8	16.7
1000.0	-525.0	-4.0	3.7	37.4	-2.3	30.8	-7.2	2.3
1000.0	-550.0	-7.5	2.6	39.0	-4.3	23.9	-10.7	-9.0
1000.0	-575.0	-6.8	6.0	37.9	-3.9	30.1	-5.5	-8.1
1000.0	-600.0	-9.3	4.6	38.0	-5.3	28.5	-2.6	-4.1
1000.0	-625.0	-11.2	2.9	37.7	-6.4	17.9	-3.5	-3.1
1000.0	-650.0	-15.4	2.3	38.4	-8.7	35.7	-5.9	-4.7
1000.0	-675.0	-18.9	0.9	40.2	-10.7	33.4	-7.7	-6.8
1000.0	-700.0	-4.7	-0.2	40.1	-2.7	44.2	1.7	-3.0
1000.0	-725.0	-17.3	20.8	40.7	-9.8	48.2	6.9	4.3

41O15SW0042 2.16342 DENYES 900

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: W9560.00460

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
- A separate copy of this form must be completed for each Work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s): Daniel F. Patrie		Client No.: 179999
Address: P.O. Box 45, Massey, Ontario P0P1P0		Telephone No.: (705) 844-2113
Mining Division: Porcupine	Township/Area: Denyes	M or G Plan No.: G-1107
Dates Work Performed	From: Aug. 01/95	To: Sept. 02/95

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	Geophysics
Physical Work, Including Drilling	
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

Total Assessment Work Claimed on the Attached Statement of Costs $ 77,352.00

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
See list of personnel	

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

	Date	Recorded Holder or Agent (Signature)
I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Oct. 22/95	[signature]

Certification of Work Report

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

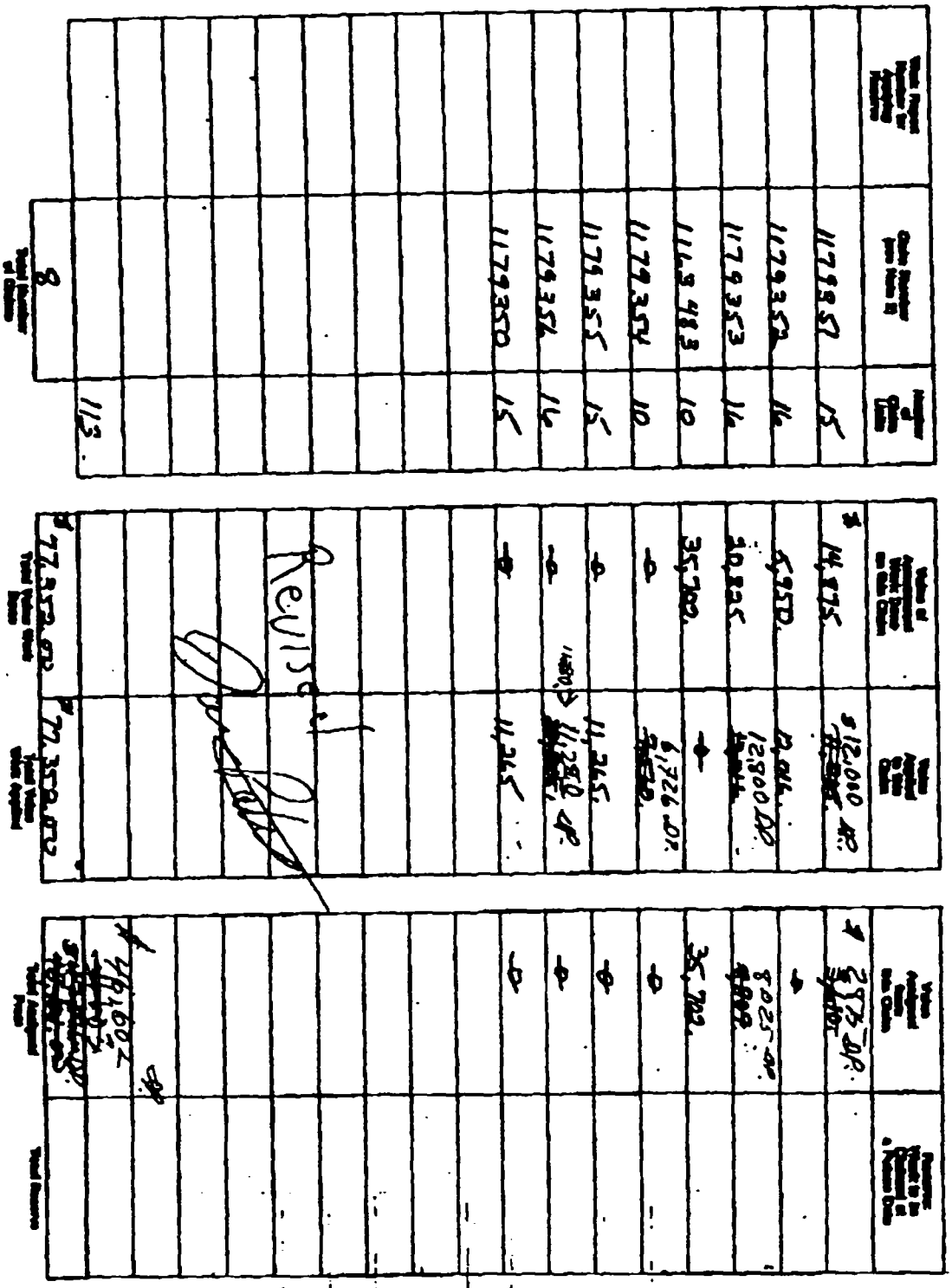
Name and Address of Person Certifying: Daniel Patrie, Box 45, Massey, Ontario P0P1P0

Telephone No.	Date	Certified By (Signature)
(705) 844-2113	Oct. 22/95	[signature]

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	
77,352	Deemed Approval Date: Jan 23/96	Date Approved	RECEIVED OCT 25 1995 9:45 (P)
	Date Notice for Amendments Sent		

0241 (0891)



Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

1. ☐ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☒ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as prioritized on the attached Appendix.

In the event that you have not specified your choice of priority, option #2 will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, mining agreements, memorandums of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased lands, please complete the following:

that the recorded holder had a beneficial interest in the patented ... at the time the work was performed.	Signature	Date Oct. 23/95

Ontario

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Geoscience Approvals Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (705) 670-5853
Fax: (705) 670-5863

April 02, 1996

Our File: 2.16342
Transaction #: W9560.00460

Mining Recorder
Ministry of Northern Development & Mines
60 Wilson Avenue, 1st Floor
Timmins, Ontario
P4N 2S7

Dear Mr. White:

Subject: APPROVAL OF ASSESSMENT WORK CREDITS ON MINING CLAIMS 1179351 et al. IN DENYES TOWNSHIP

All deficiencies associated with this submission have been corrected. Accordingly, assessment credits have been approved as outlined on the attached report of work form. The credits have been approved under Section 14 (Geophysical) of the Mining Act Regulations.

The approval date is March 07, 1996.

If you have any questions regarding this correspondence, please contact Steven Beneteau at (705) 670-5855.

Yours sincerely,
ORIGINAL SIGNED BY:

Ron C. Gashinski
Senior Manager, Mining Lands Section
Mining and Land Management Branch
Mines and Minerals Division

SBB/jl
Enclosure:

cc: Resident Geologist
Timmins, Ontario

Assessment Files Library
Sudbury, Ontario

VALUE OF ASSESSMENT WORK PERFORMED ON MINING CLAIMS

April 02, 1996
FILE NUMBER 2.16342
TRANSACTION NO. W9560.00460

CLAIM NUMBER	VALUE OF ASSESSMENT WORK DONE ON THIS CLAIM
1179351	$ 9,956.00
1179352	$ 3,983.00
1179353	$13,937.00
1163483	$23,893.00
TOTAL	**$51,769.00**

Dan Patrie Exploration Limited

Post Office Box 45
Massey, Ontario
P0P 1P0
Tel: (705) 844-2113
Fax: (705) 844-2057

2.16342

February 16, 1996

Ron C. Gashinski
Geoscience Approvals Office
Mining Lands Branch
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Dear Ron:

Re: File # 2.16342, Transaction # W9560.00460

A 4 level with 25 meter spacing I.P. was done on all lines with the speudosections provided in the report. There were no readings done on lines 00+50E, 1+00E, 1+50E and 5+00E. Also, included are a one (1) page instrument and survey procedure.

Yours Truly,

Dan Patrie

INSTUMENTATION AND SURVEY PROCEDURE

The EDA OMNI PLUS with an OMNI-IV base station magnetometer was used to carry out the magnetic survey. These are total field magnetometers which measure the magnetic field through the use of proton precessional effects caused by the interactic of a magnetic field with a spin-aligned proton-rich fluid. An instrument accuracy precision and resolution of o.5 nt may be obtained under ideal conditions. Microprocessor contained in these instruments allow for the collection of the readings along with the time and its position in digital form suitable for transfer to portable computers.

The total magnetic field was measured at 25 meter intervals along all lines. Total field measurments were concurrently recorded at 30 second intervals by the base station magnetometer which was located on the grid. All field measurements were corrected for diurnal variations of the earth's magnetic field by direct subtraction of the base station readings from the field reading taken at the same time. The corrected magnetic data was then plotted, contoured and is presented in the total magnetic field plot.

The VLF-EM in-phase and quadrature measurements were taken using the transmitter at Cutler, Maine, U.S.A. transmitting at a frequency of 24.0 KHZ. Readings were taken every 25 meters along the grid lines. The data was Fraser-filtered and contoured and presented in the Fraser- Filter VLF-EM map.

INSTUMENTATION AND SURVEY PROCEDURE

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The total magnetic field was measured at 25 meter intervals along all lines. Total field measurments were concurrently recorded at 30 second intervals by the base station magnetometer which was located on the grid. All field measurements were corrected for diurnal variations of the earth's magnetic field by direct subtraction of the base station readings from the field reading taken at the same time. The corrected magnetic data was then plotted, contoured and is presented in the total magnetic field plot.

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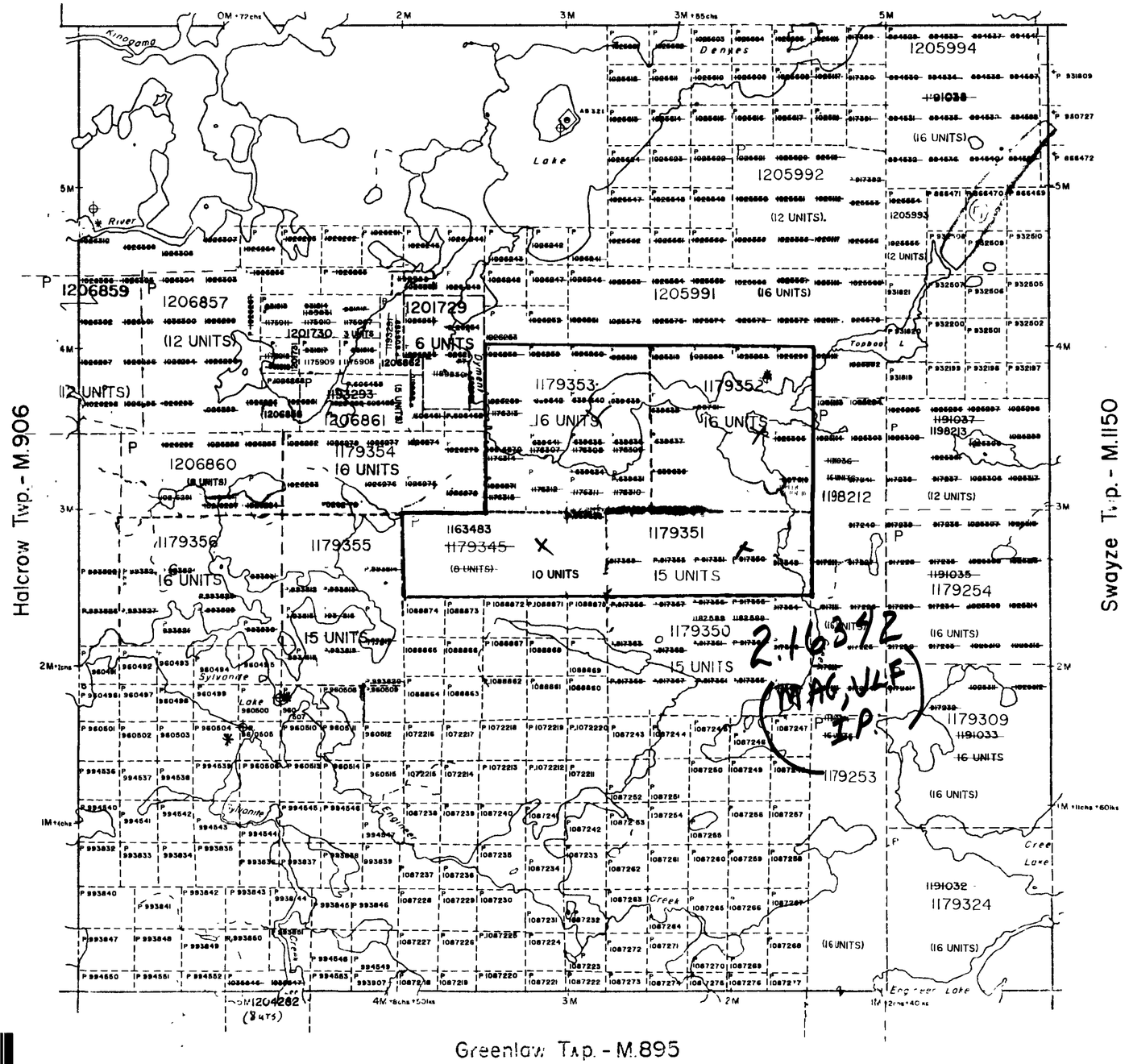
W9560 00460

Raney Twp. - M.1069



Halcrow Twp. - M.906

Swayze Twp. - M.1150

Greenlaw Twp. - M.895

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON

41015SW0042 2 16342 DENYES

200

THE TOWNSHIP OF

DENYES

DISTRICT OF SUDBURY

PORCUPINE MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

PATENTED LAND	(P)
CROWN LAND SALE	C.S.
LEASES	(L)
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M R O
SURFACE RIGHTS ONLY	S R O
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	
CANCELLED	C
PATENTED FOR S R O	

NOTES

400' surface rights reserved on along the shores of all lakes and

* L U P

REMOTE TOURIST CAMPS

(F) THIS TWP IS SUBJECT TO FOREST ACTIVITY IN 1995/96 FURTHER INFORMATION AVAILABLE ON FILE

RECEIVED JAN 11 1991 MINING LANDS BRANCH

2.16342

RESERVICE OCT 31/89 RECORDED BY R BAILEY

PLAN NO. G-1107

ONTARIO

MINISTRY OF NATURAL RESOURCES

SURVEYS AND MAPPING BRANCH

L 0+50 E
L 1+00 E
L 1+50 E
L 2+00 E
L 2+50 E
L 3+00 E
L 3+50 E
L 4+00 E
L 4+50 E
L 5+00 E
L 5+50 E
L 6+00 E
L 6+50 E
L 7+00 E
L 8+00 E
L 9+00 E
L 10+00 E
L 11+00 E
L 12+00 E
L 13+00 E
L 14+00 E

5+00 N

B 0+00

5+00 S

10+00 S

Legend

Reference Field	:	58000 nT.
Datum Subtracted	:	58100 nT.
Contour Interval	:	200 nT.
Line Spacing	:	100 Metres
Station Spacing	:	25 Metres
Instrumentation	:	OMNI Plus Magnetometer/VLF System OMNI IV Magnetometer Base Station
Base Station Location	:	N.A.
Personnel	:	D. Patrie, B. Patrie B. Patrie
Survey Dates	:	September 1995

2.16342

0 100 300 500
Metres

INSINNA CONSULTING SERVICES

Dyment Lake Property
Total Magnetic Field Plot

Project: Dan Patrie Exploration Limited

Drawn by: T. Insinna	Scale	Dwg. No.
Date: 95/09/23	1:5000	1

L 0+50 E
L 1+00 E
L 1+50 E
L 2+00 E
L 2+50 E
L 3+00 E
L 3+50 E
L 4+00 E
L 4+50 E
L 5+00 E
L 5+50 E
L 6+00 E
L 6+50 E
L 7+00 E
L 8+00 E
L 9+00 E
L 10+00 E
L 11+00 E
L 12+00 E
L 13+00 E
L 14+00 E

5+00 N

B 0+00

5+00 S

10+00 S

Legend

Filter Length	:	5-Point
Transmitter Station	:	Cutler, Maine, U.S.A.
Transmitter Frequency	:	24.0 kHz.
Contour Interval	:	5 %
Line Spacing	:	100 Metres
Station Spacing	:	25 Metres
Instrumentation	:	OMNI Plus Magnetometer/VLF System
Personnel	:	D. Patrie, B. Patrie B. Patrie
Survey Dates	:	September, 1995

N

2.16342

0 100 300 500
Metres

INSINNA CONSULTING SERVICES

Dyment Lake Property
VLF Fraser Filter Plot

Project: Dan Patrie Exploration Limited

Drawn by: T. Insinna	Scale	Dwg. No.
Date: 95/09/24	1:5000	2

L 0+50 E
L 1+00 E
L 1+50 E
L 2+00 E
L 2+50 E
L 3+00 E
L 3+50 E
L 4+00 E
L 4+50 E
L 5+00 E
L 5+50 E
L 6+00 E
L 6+50 E
L 7+00 E
L 8+00 E
L 9+00 E
L 10+00 E
L 11+00 E
L 12+00 E
L 13+00 E
L 14+00 E

5+00 N

B 0+00

5+00 S

10+00 S

Legend

Filter Length	:	5-Point
Transmitter Station	:	Annapolis, Maryland, U.S.A.
Transmitter Frequency	:	21.4 kHz.
Contour Interval	:	5 %
Line Spacing	:	100 Metres
Station Spacing	:	25 Metres
Instrumentation	:	OMNI Plus Magnetometer/VLF System
Personnel	:	D. Patrie, B. Patrie B. Patrie
Survey Dates	:	September, 1995

N

2.16342

0 100 300 500
Metres

INSINNA CONSULTING SERVICES

Dyment Lake Property
VLF Fraser Filter Plot

Project: Dan Patrie Exploration Limited

Drawn by: T. Insinna	Scale	Dwg. No.
Date: 95/09/24	1:5000	3

L 0+50 E
L 1+00 E
L 1+50 E
L 2+00 E
L 2+50 E
L 3+00 E
L 3+50 E
L 4+00 E
L 4+50 E
L 5+00 E
L 5+50 E
L 6+00 E
L 6+50 E
L 7+00 E
L 8+00 E
L 9+00 E
L 10+00 E
L 11+00 E
L 12+00 E
L 13+00 E
L 14+00 E

5+00 N

Dyment Lake

1179352

1179353

1179351

1163483

B 0+00

5+00 S

10+00 S

N

Legend

- Claim Post
- Claim Line
- 1179352 Claim Number
- Lake

RECEIVED
JAN 11 1996
MINING LANDS BRANCH

2.16342

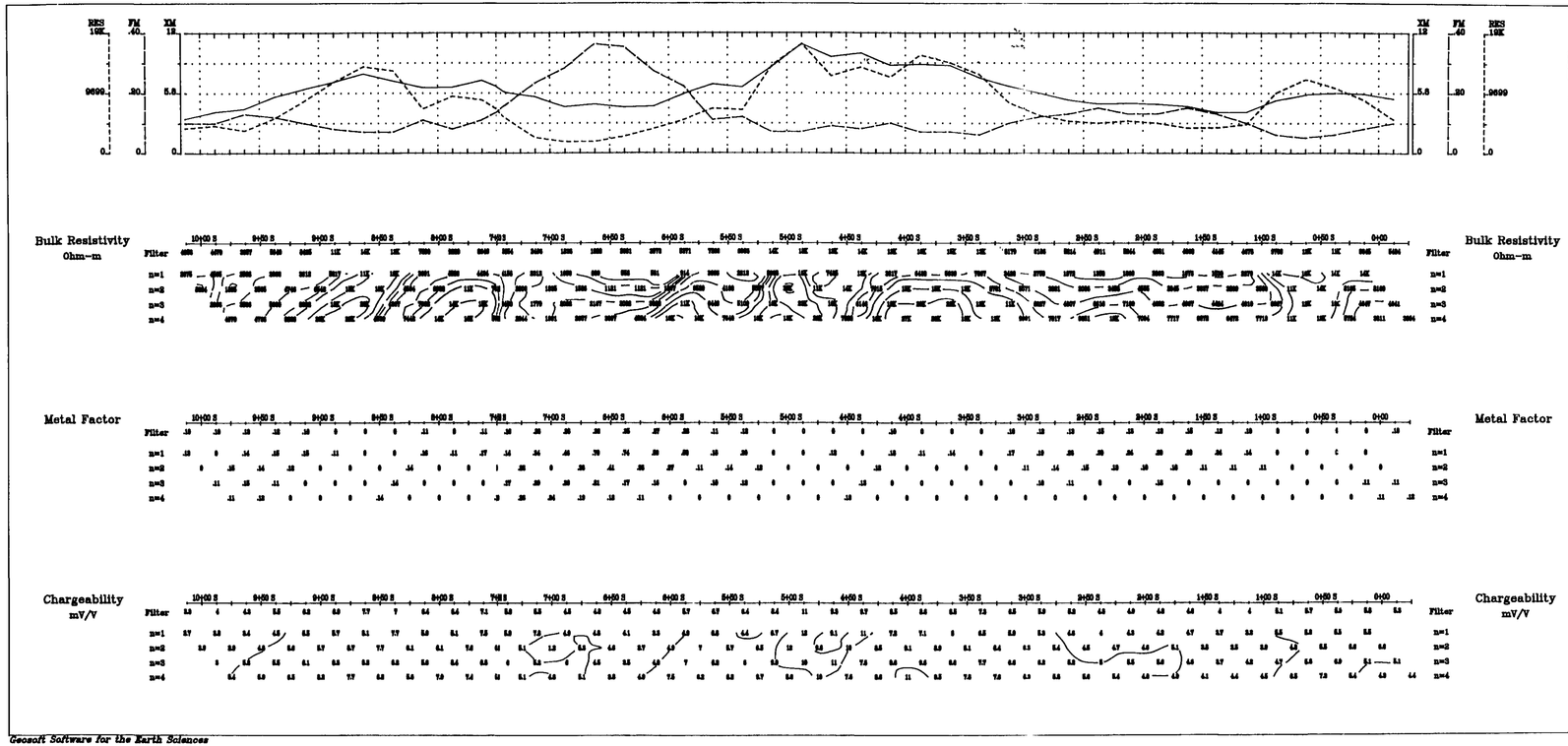
0 100 300 500
Metres

INSINNA CONSULTING SERVICES

Dyment Lake Property
Base Map

Project: Dan Patrie Exploration Limited

Drawn by: T. Insinna	Scale	Dwg. No.
Date: 95/09/23	1:5000	4



Geosoft Software for the Earth Sciences

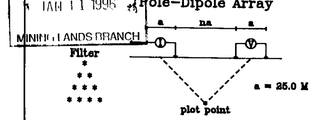
Line 200 E

RECEIVED 2.16342

JAN 11 1996

MINING LANDS BRANCH

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

Dan Patrie Exploration Limited

INDUCED POLARIZATION SURVEY
Dyment Lake Property
Golden Dragon Resources

Date: 95/10/11
Interpretation: T. Insinna

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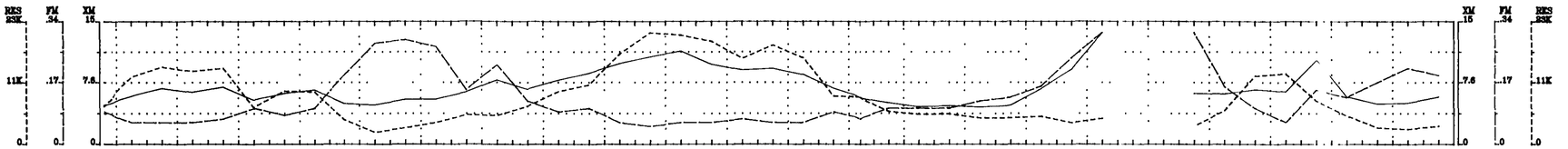
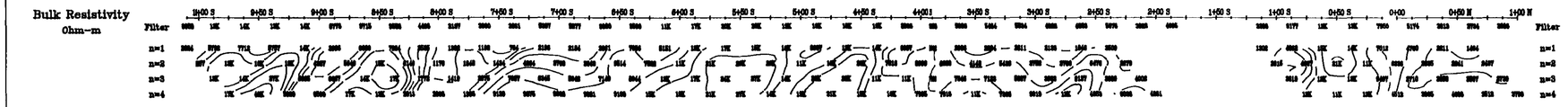
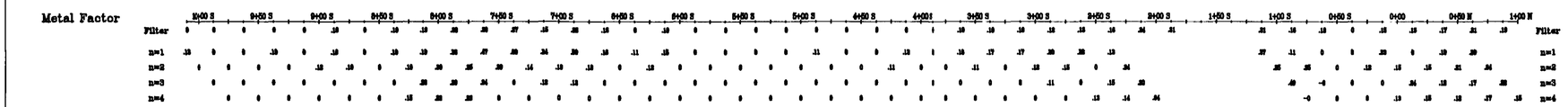
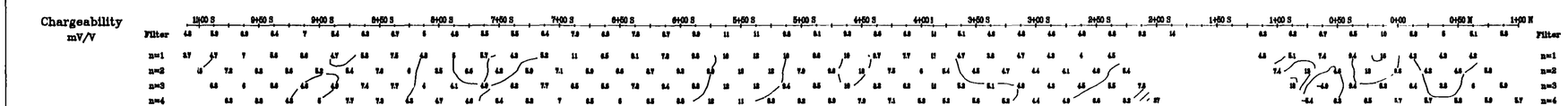
Line 250 E

2.16342

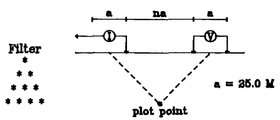








Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150
(meters)

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INDUCED POLARIZATION SURVEY
Dyment Lake Property
Golden Dragon Resources

Date: 95/10/11
Interpretation: T. Insinna

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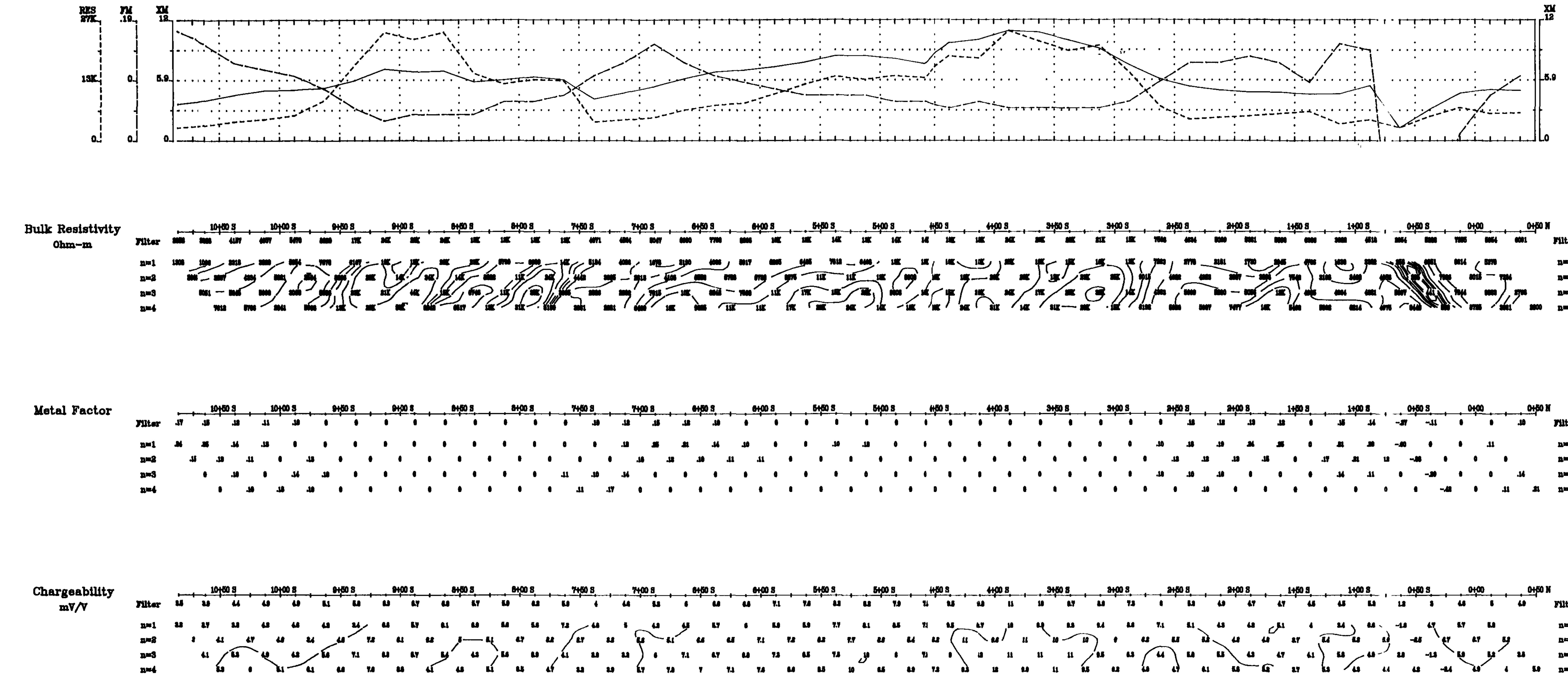
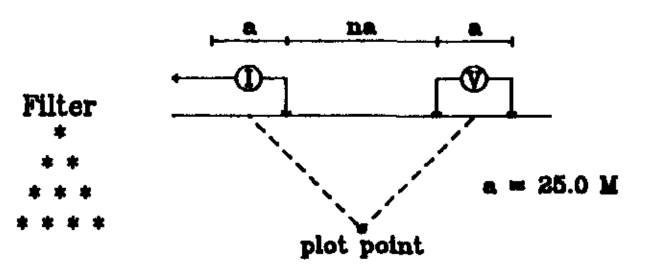
Geosoft Software for the Earth Sciences

260



Geosoft Software for the Earth Sciences

Line 300 E



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150 (meters)

Dan Patrie Exploration Limited

INDUCED POLARIZATION SURVEY
Dyment Lake Property
Golden Dragon Resources

Date: 95/10/22
Interpretation: T. Insinna

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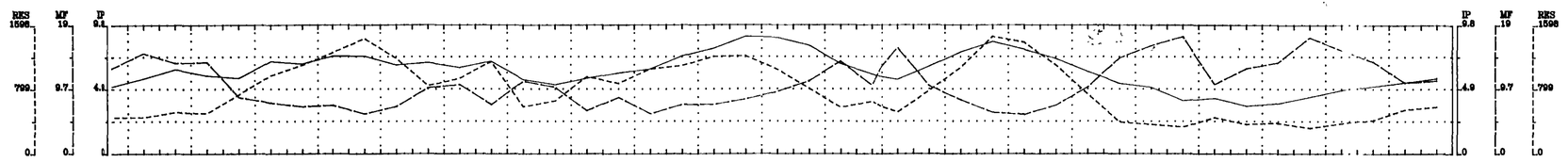
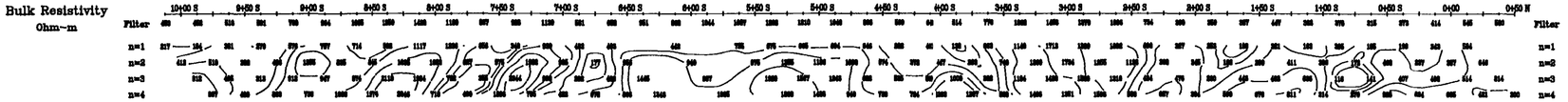
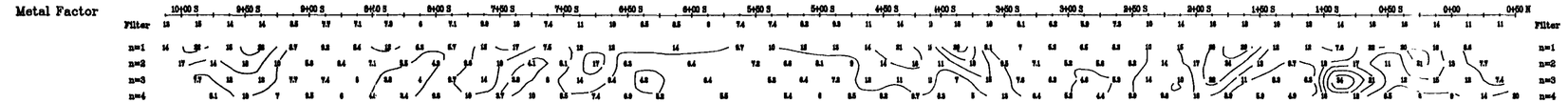
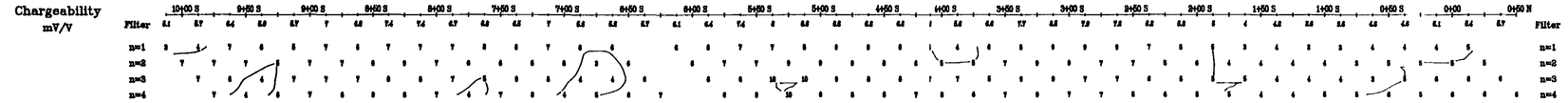
270









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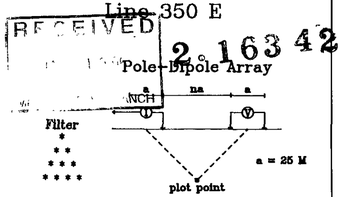
Line 350 E



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

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INDUCED POLARIZATION SURVEY
Dyment Lake Property
Golden Dragon Resources

Date: 95/10/11
Interpretation: T. Insinna

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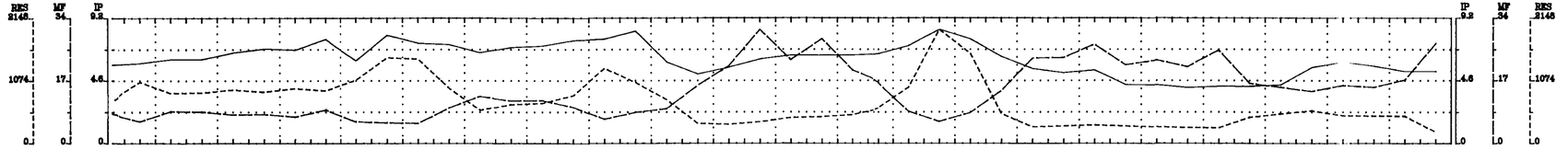
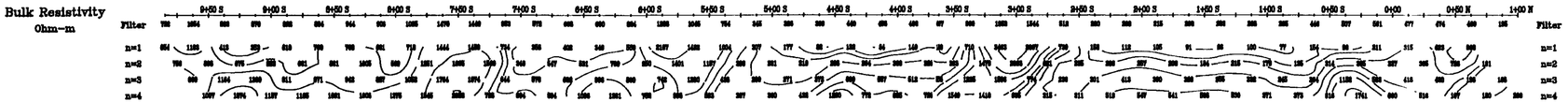
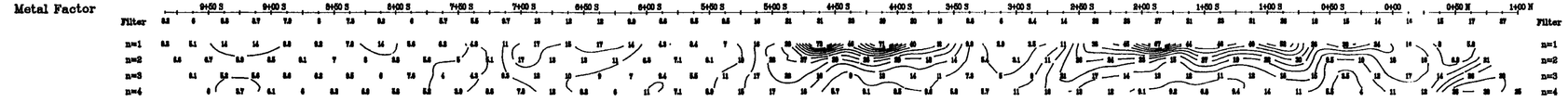
280

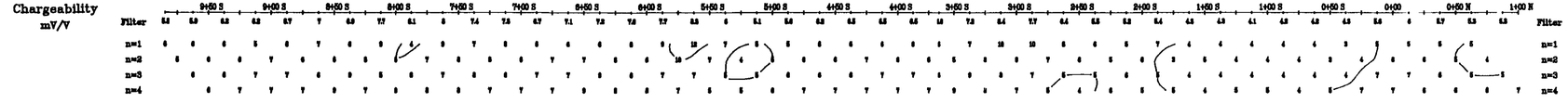
Line 400 E

2.16342









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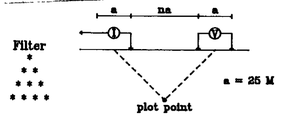
Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

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INDUCED POLARIZATION SURVEY
Dyment Lake Property
Golden Dragon Resources

Date: 95/10/22
Interpretation: T. Insinna

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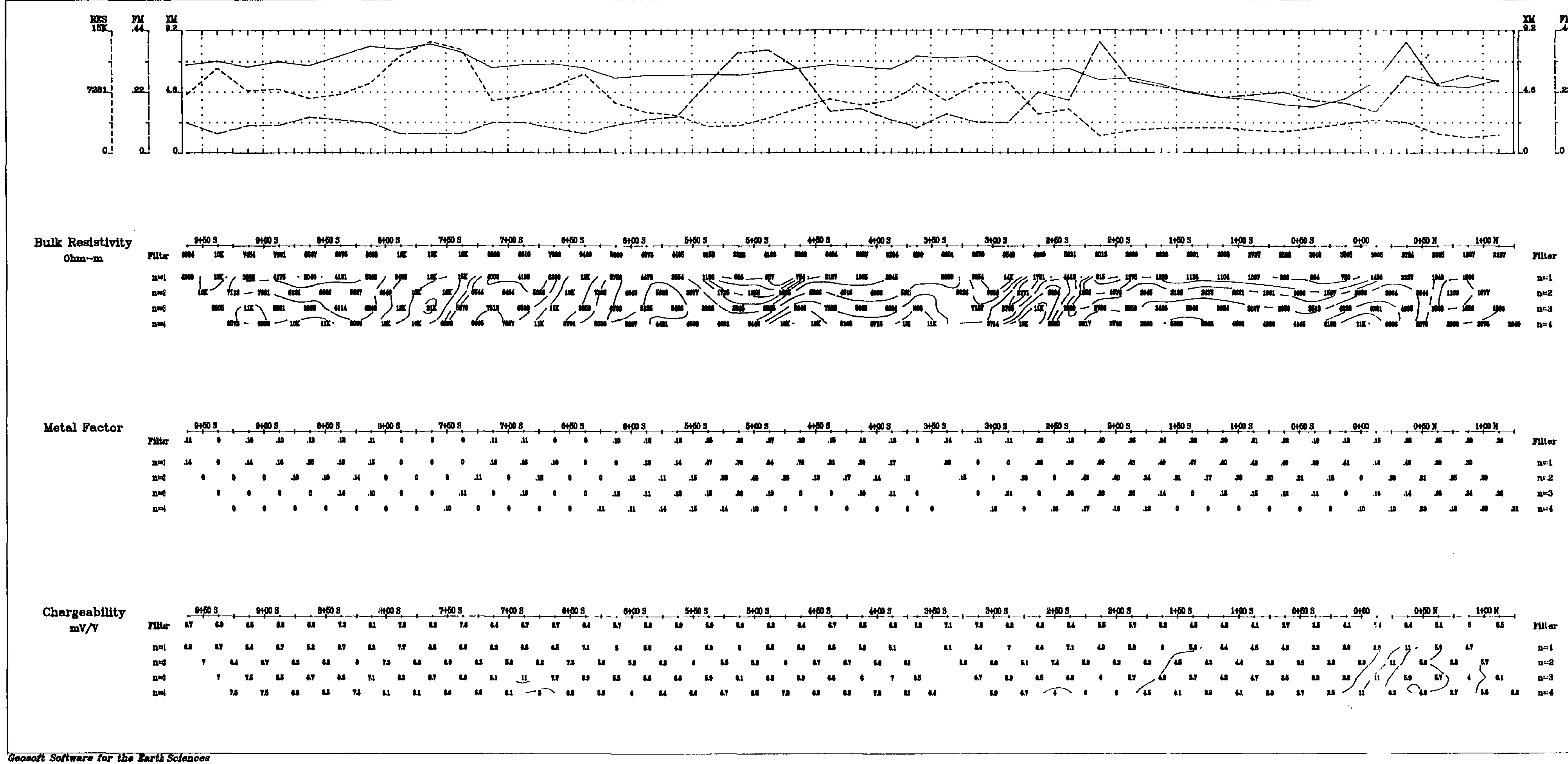

Line 450 E

Pole-Dipole Array

a = 25.0 M

Filter

Plot point

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150 (meters)

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Dyment Lake Property
Golden Dragon Resources

Date: 95/10/07
Interpretation: T. Insinna

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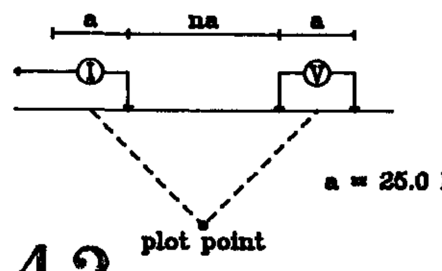
310

2.16342

Line 550 E

Pole-Dipole Array



Filter
*
* *
* * *
* * * *

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150 (meters)

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INDUCED POLARIZATION SURVEY
Dyment Lake Property
Golden Dragon Resources

Date: 95/10/07
Interpretation: T. Insinna

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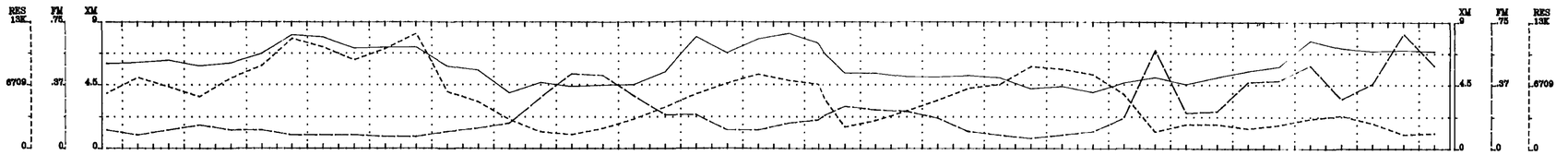

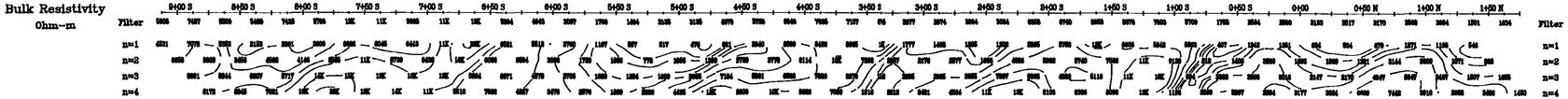

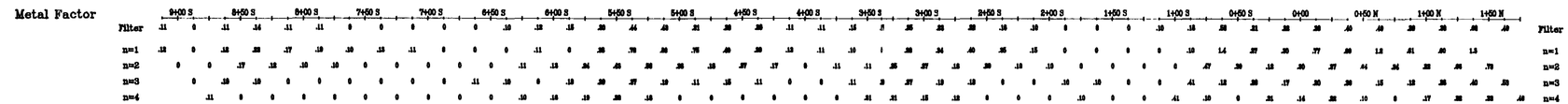

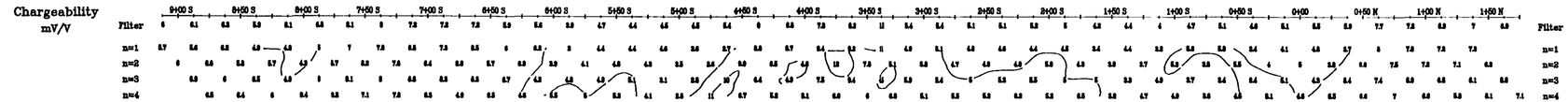

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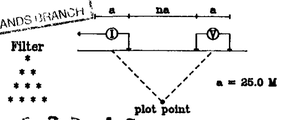
Line 600 E

Pole-Dipole Array



2.15542

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

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INDUCED POLARIZATION SURVEY
Dyment Lake Property
Golden Dragon Resources

Date: 95/10/07
Interpretation: T. Insinna

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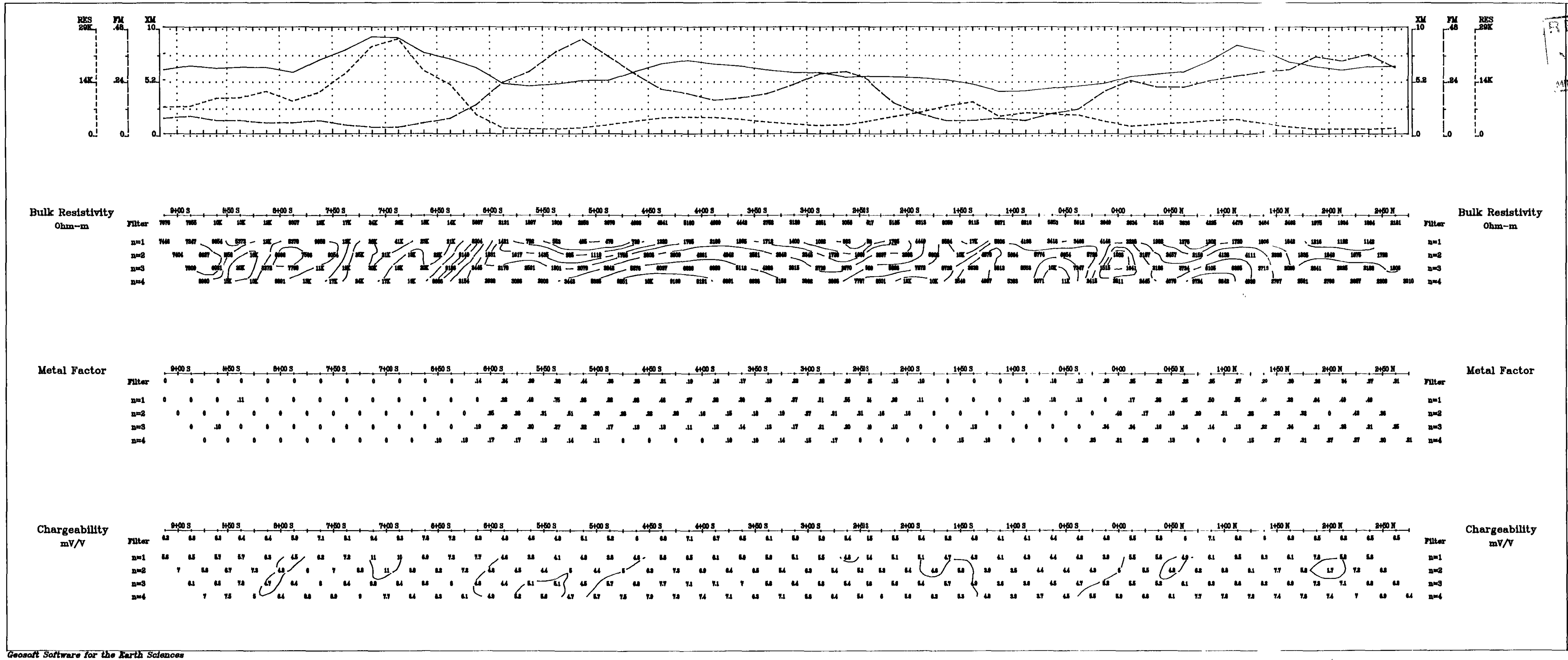
320



Line 650 E

Pole-Dipole Array

a na a

a = 25.0 M

plot point

Filter

2.16342

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150 (meters)

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INDUCED POLARIZATION SURVEY
Dyment Lake Property
Golden Dragon Resources

Date: 95/10/04
Interpretation: T. Insinna

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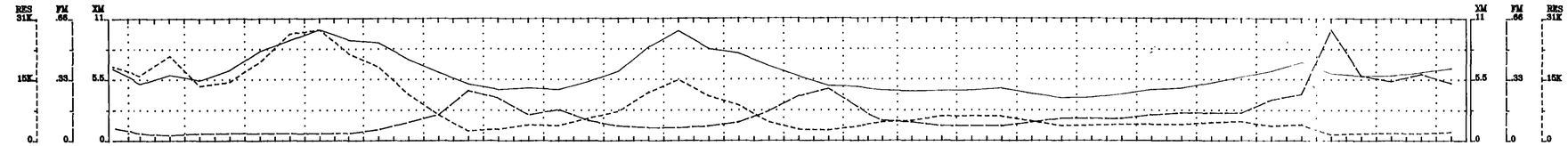
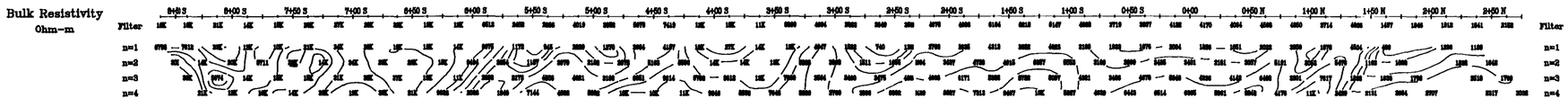
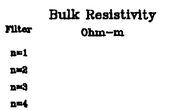
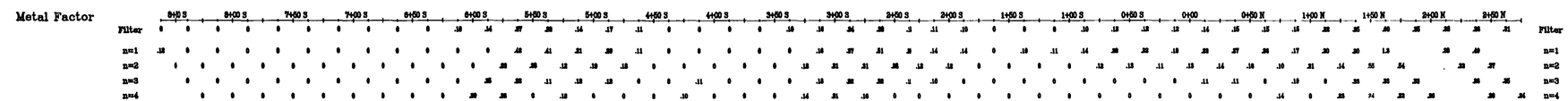
330

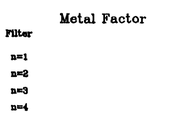
41O15SW0042 2.16342 DENYES

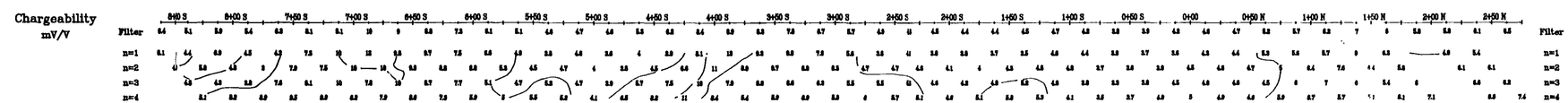


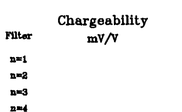








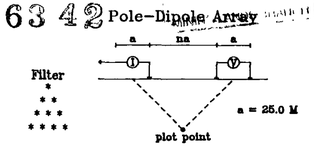




Line 700 E

2.16342

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ *Low resistivity feature.*

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

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INDUCED POLARIZATION SURVEY
Dyment Lake Property
Golden Dragon Resources

Date: 95/10/04
Interpretation: T. Insinna

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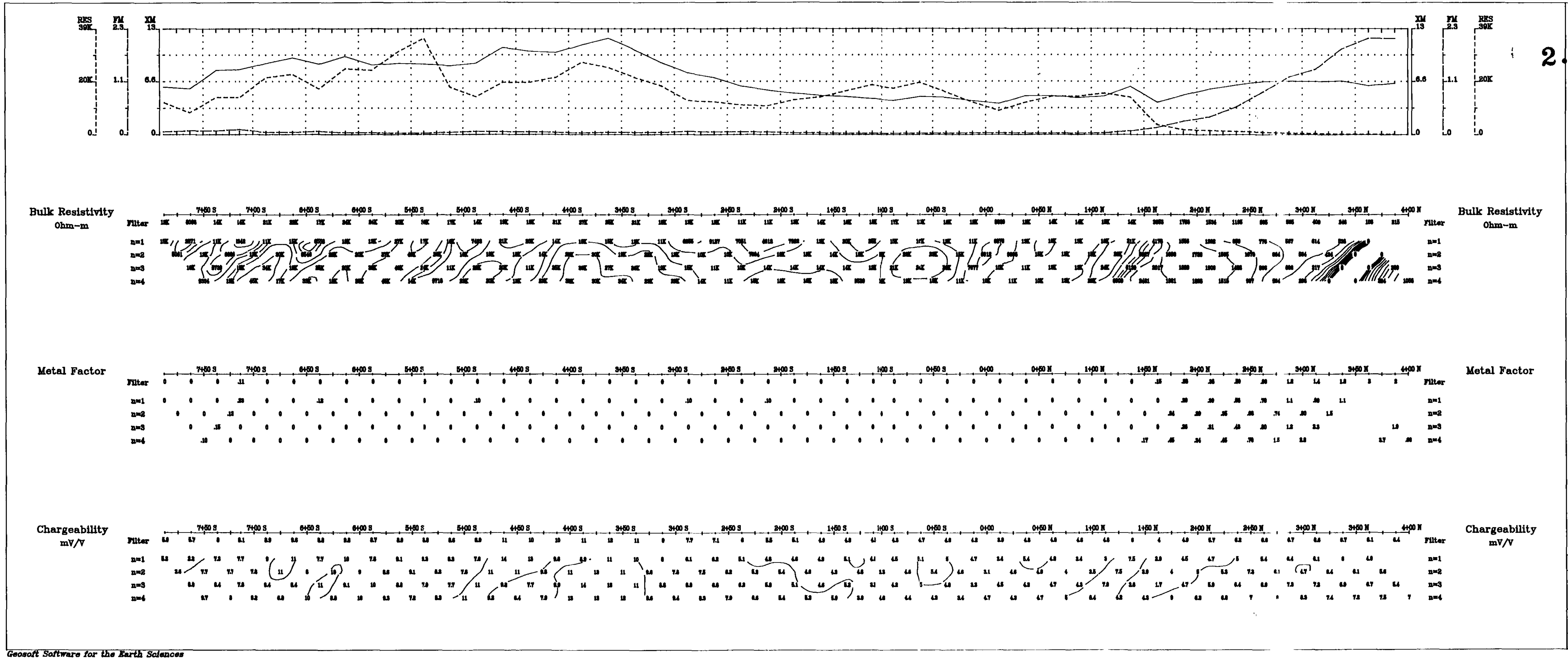

2.16342

Line 800 E

Pole–Dipole Array

a na a

Filter
*
* *
* * *
* * * *

a = 25.0 M

plot point

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150 (meters)

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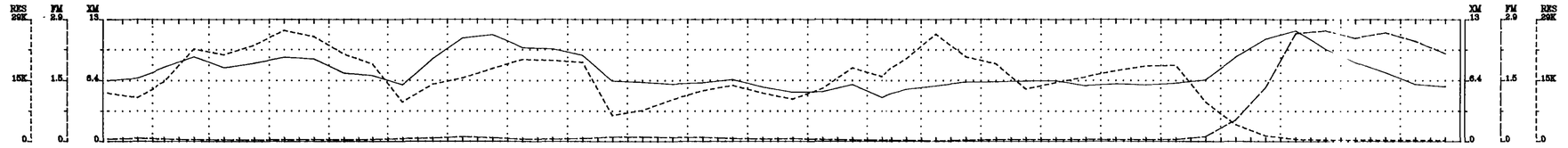
INDUCED POLARIZATION SURVEY
Dyment Lake Property
Golden Dragon Resources

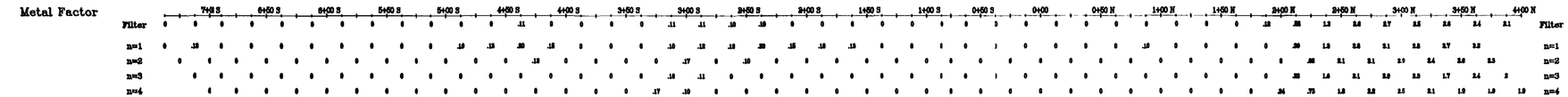
Date: 95/10/22
Interpretation: T. Insinna

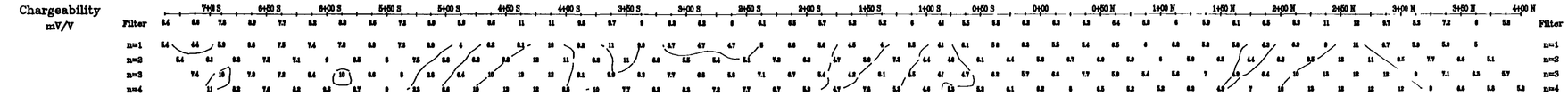
Insinna Consulting Services

350

41O15SW0042 2.16342 DENYES







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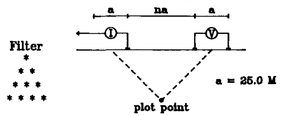
360

Line 900 E

2.16342

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

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INDUCED POLARIZATION SURVEY
Dyment Lake Property
Golden Dragon Resources

Date: 95/10/22
Interpretation: T. Insinna

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Line 1000 E

2.16342

Pole-Dipole Array

Filter

plot point

a = 25 M

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

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INDUCED POLARIZATION SURVEY
Dyment Lake Property
Golden Dragon Resources

Date: 95/10/22
Interpretation: T. Insinna

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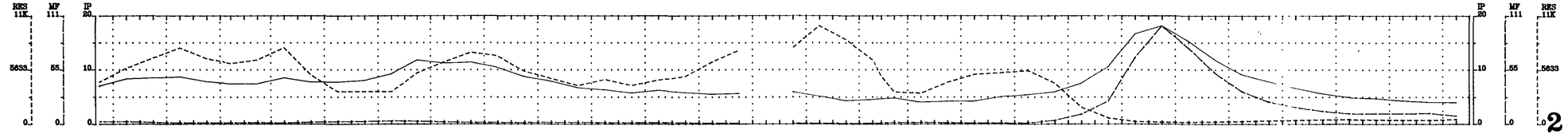
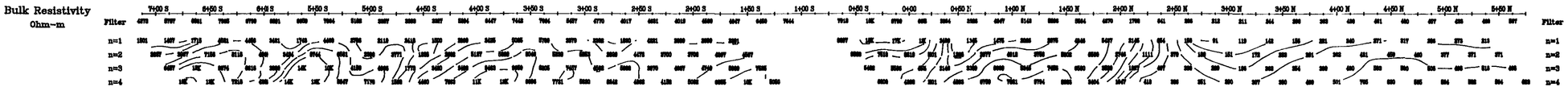
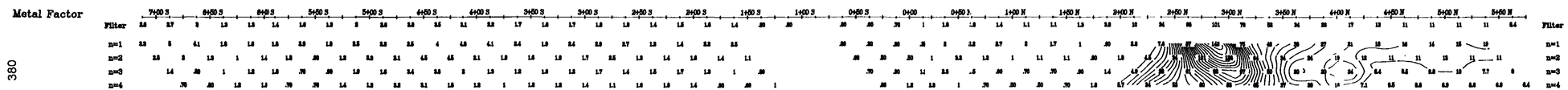
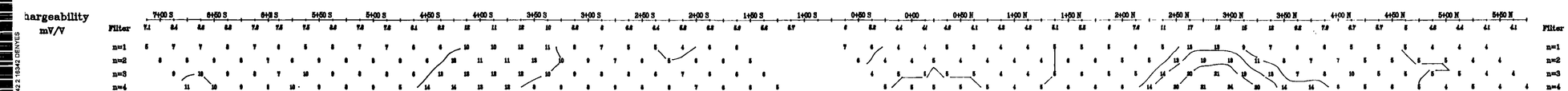




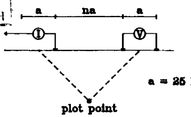




380

Line 1100 E

Pole-Dipole Array



2.16342

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150 (meters)

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Dyment Lake Property
Golden Dragon Resources

Date: 95/10/02
Interpretation: T. Insinna

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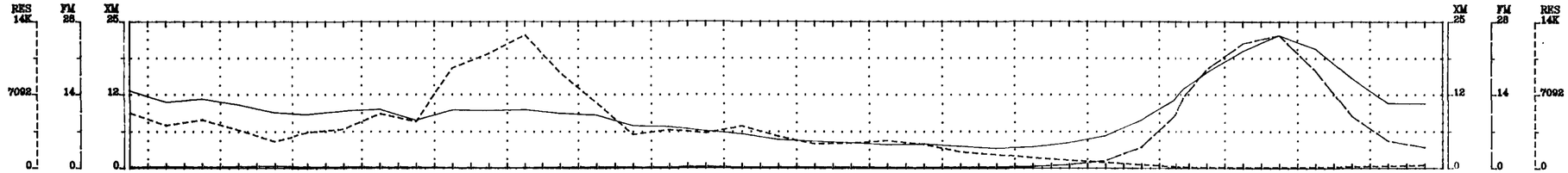


DUPLICATE Line 1300 E

COPY

RECEIVED

Pole-Dipole Array

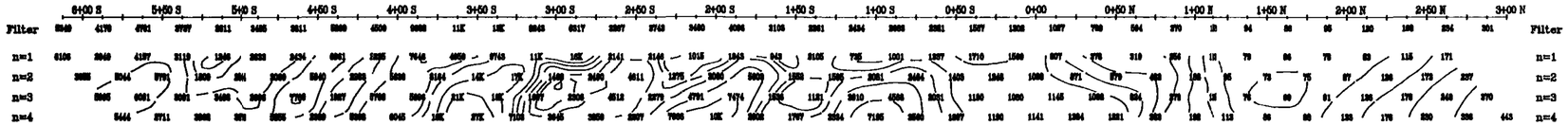
a na a

Filter

a = 25.0 M

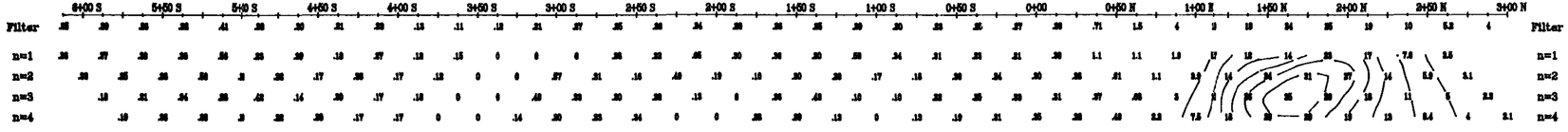
plot point

Bulk Resistivity
Ohm-m



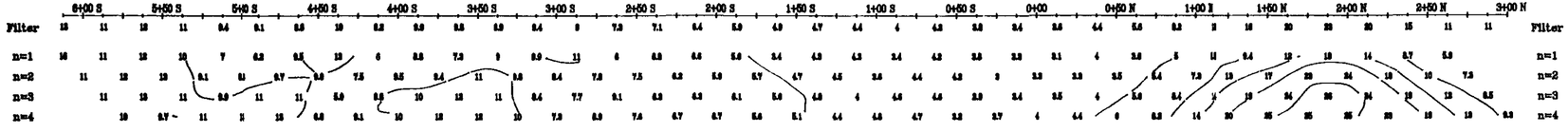
Bulk Resistivity
Ohm-m

Metal Factor



Metal Factor

Chargeability
mV/V



Chargeability
mV/V

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

390

41O15SW0042 2 16342 DENYES

Dan Patrie Exploration Limited

INDUCED POLARIZATION SURVEY
Dyment Lake Property
Golden Dragon Resources

Date: 95/09/29
Interpretation: T. Insinna

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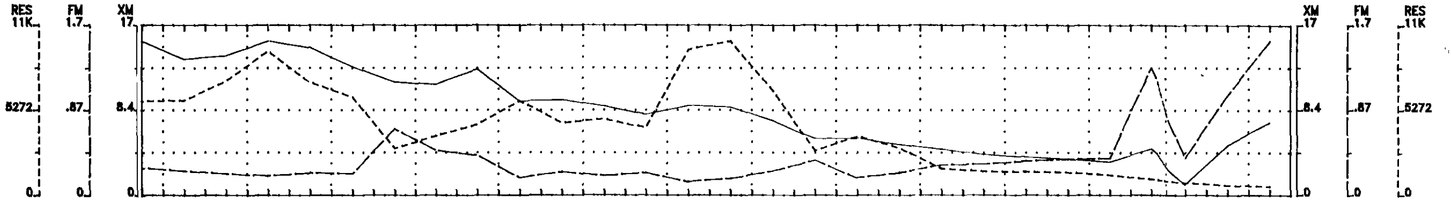
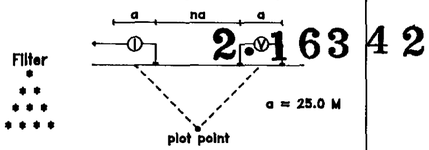
Software for the Earth Sciences



Line 1400 E

Pole–Dipole Array



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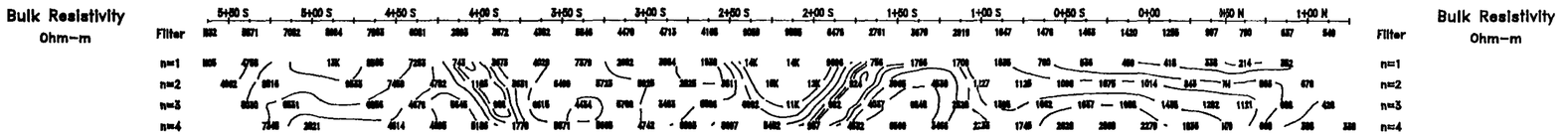

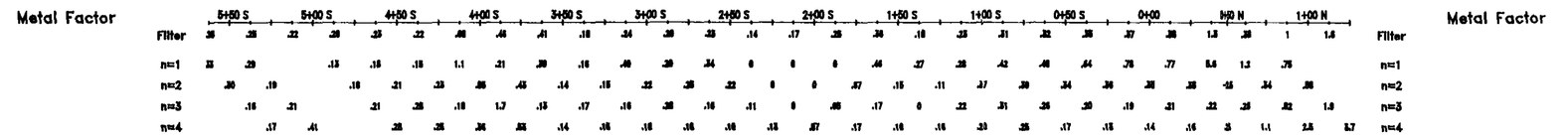

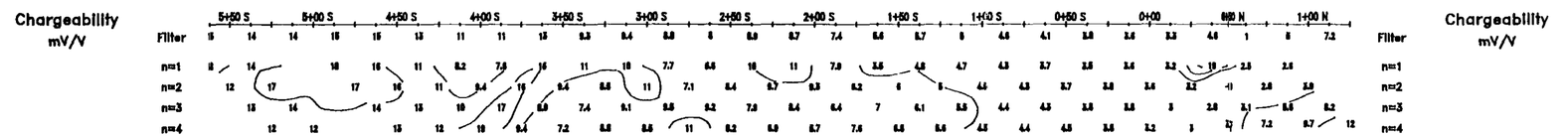

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150

(meters)

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INDUCED POLARIZATION SURVEY
Dyment Lake Property
Golden Dragon Resources

Date: 95/09/29
Interpretation: T. Insinna

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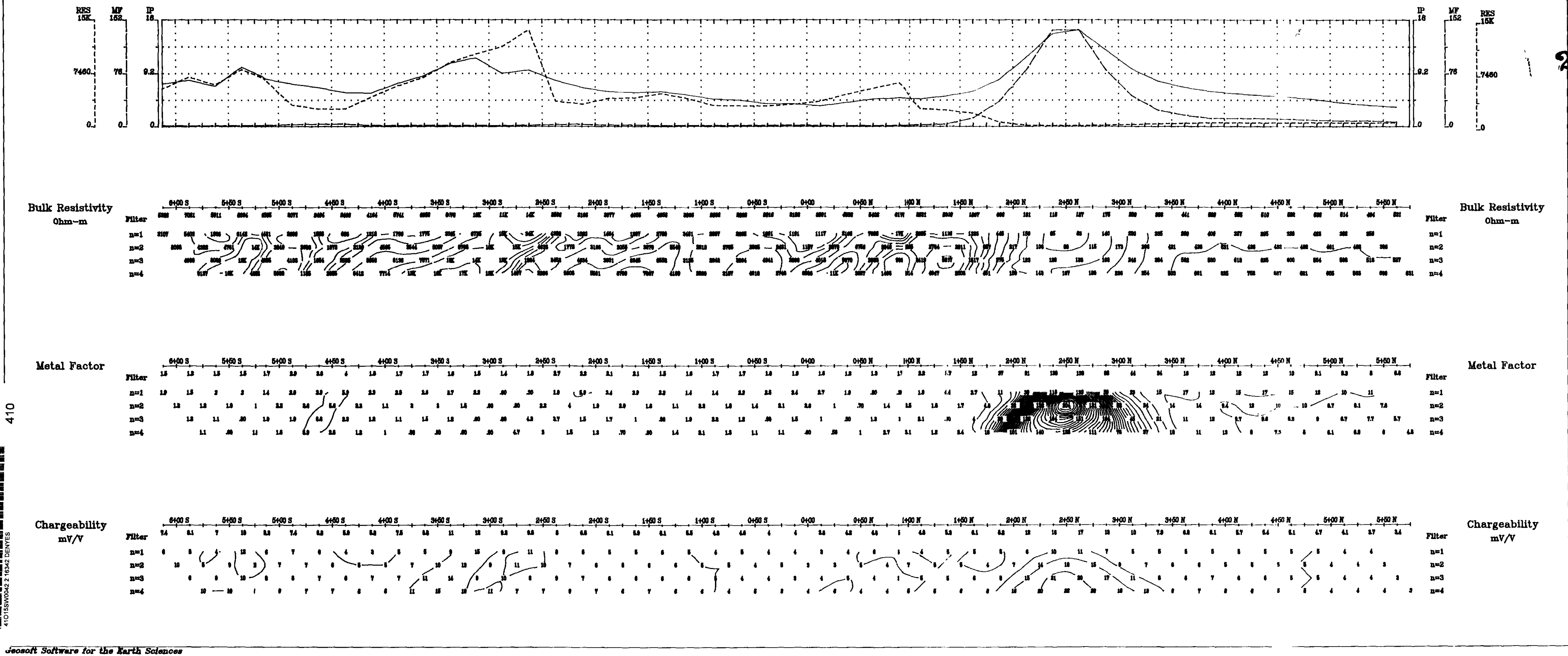
Geosoft Software for the Earth Sciences

400



Geosoft Software for the Earth Sciences

2.16342

Line 12+00 E

Pole-Dipole Array

Filter
*
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***
****

a = 25 M

plot point

Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

- ■ Strong increase in polarization accompanied by marked decrease in resistivity.
- □ Well defined increase in polarization without marked resistivity decrease.
- □ Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

Scale 1:2500

25 0 25 50 75 100 125 150
(meters)

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INDUCED POLARIZATION SURVEY
Dyment Lake Property
Golden Dragon Resources

Date: 95/09/27
Interpretation: T. Insinna

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