PROGRESS REPORT

ON

DIAMOND DRILLING

FOR

KRL RESOURCES CORP./CROSS LAKE MINERALS

JOINT VENTURE

KNIGHT AND NATAL TOWNSHIPS

ARTHUR LAKE

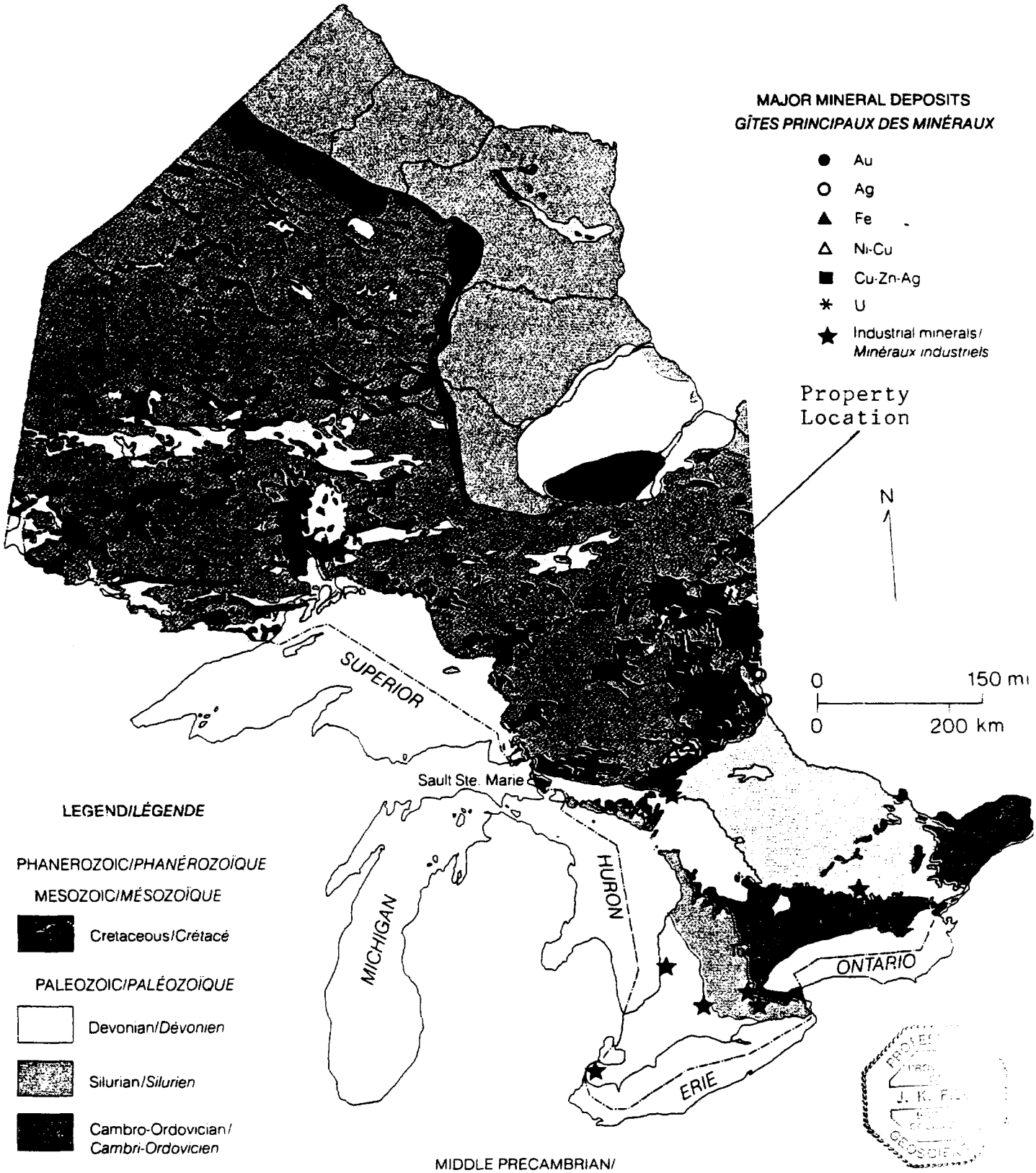
PROSPECT

SHINING TREE AREA

NORTHERN ONTARIO

MARCH 15, 1992

By: J. K. Filo, H.BSc. P.Geo (B.C.)



General Location Map Fig. #1

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INTRODUCTION

During the month of February 1992, KRL Resources Corp. conducted an 887 m. diamond drilling program on its Arthur Lake Prospect on its Arthur Lake Prospect in the Shining Tree Area of northern Ontario.

This program was initiated to test five ground HEM conductors and the down dip extension of a known gold occurrence. This report will present the results of this program and make further recommendations. A detailed report on geophysical work carried out will be presented in a separate report to follow at a later date.

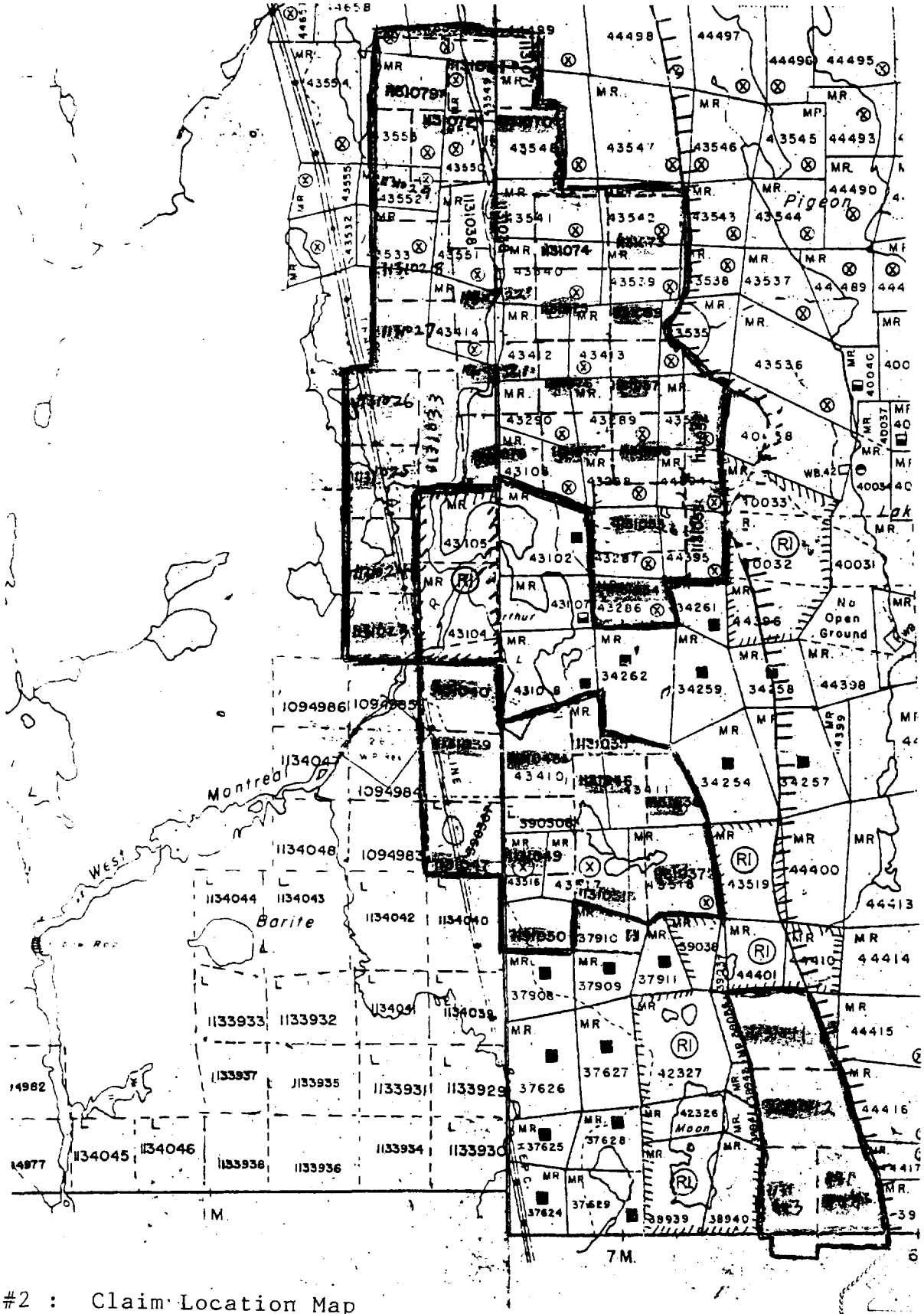
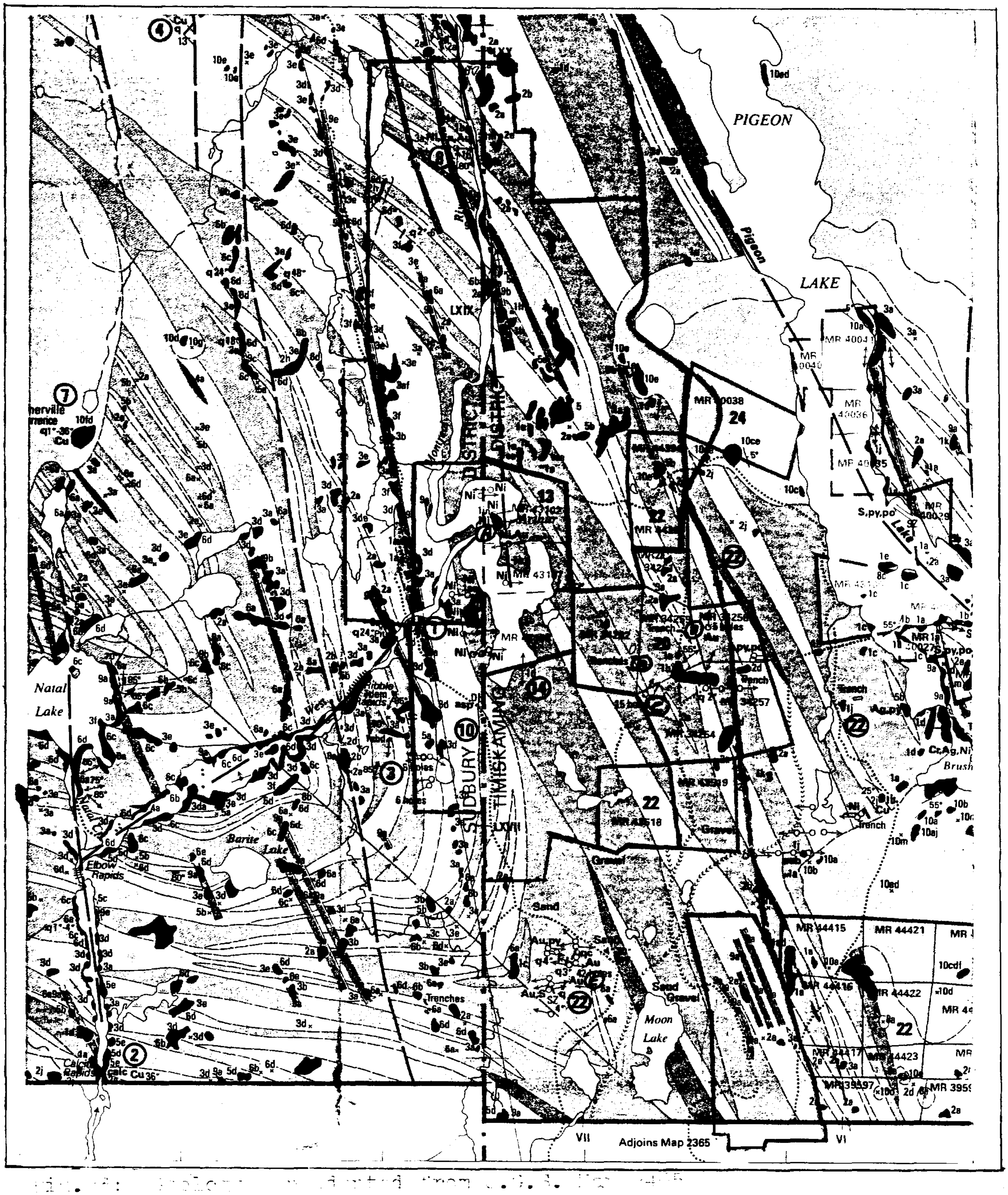


Fig. #2 : Claim Location Map
Scale: 1 inch = 1/2 mile

LOCATION AND ACCESS

The property consists of two contiguous blocks of claims within Knight and Natal Townships within the District of Sudbury and Temiskaming. The present land position with all pertinent mining claims is shown in detail in Fig. #2. The property is situated approximately 50 air miles south of Timmins, Ontario. Access to the property is obtained from Timmins by taking Highway 144 to Highway 560 to Shining Tree. From Shining Tree, one continues east along Highway 560 to the first major powerline. At the powerline, access to the claim group is obtained by following a gravel road north along the powerline into the claim group.



Notes: - Claim Block
Purple - Indian Caution bdry.

Showings

Gold Showing
Copper Gold Showing
Showing

PHANEROZOIC

CENOZOIC[a]

QUATERNARY

PLEISTOCENE AND RECENT

Sand, gravel, swamp deposits, alluvium

UNCONFORMITY

PRECAMBRIAN[b]

MIDDLE PRECAMBRIAN

MAFIC INTRUSIVE ROCKS (Nipissing Type)

11a Diabase, medium grained
11b Diabase, coarse-grained
11c Leucodiabase
11d Diabase, fine-grained

INTRUSIVE CONTACT

HURONIAN SUPERGROUP

COBALT GROUP

GOWGANDA FORMATION

10a Argillite
10b Slate.
10c Siltstone.
10d Arenite
10e Paraconglomerate
10f Wacke
10g Orthoconglomerate
10h Quartz-hematite-arenite breccia
10i Gravelly arenite.
10k Siltstone-mudstone
10m Mudstone

UNCONFORMITY

EARLY PRECAMBRIAN

MAFIC INTRUSIVE ROCKS (Matachewan Type)

9a Diabase, medium-grained
9b Diabase, fine-grained
9c Diabase, porphyritic
9d Leucodiabase
9e Diabase granophyric

INTRUSIVE CONTACT

FELSIC TO INTERMEDIATE INTRUSIVE ROCKS

8 Unsubdivided
8a Grey hornblende-biotite granitoid rocks
8b Pink hornblende-biotite granitoid rocks
8c Porphyritic feldspar-hornblende granitoid rocks
8d Granitoid-basalt contact rocks

INTRUSIVE CONTACT

METASEDIMENTS

7a Chert
7b Greywacke

METAVOLCANICS

ALKALIC METAVOLCANICS

Intermediate Metavolcanics

6a Flows, aphanitic
6b Flows, porphyritic
6c Tuff.
6d Lapilli-tuff
6e Tuff-breccia

Mafic Metavolcanics

5 Unsubdivided
5a Flows, aphanitic
5b Flows, porphyritic
5c Tuff.
5d Lapilli-tuff
5e Tuff-breccia

SUBALKALIC METAVOLCANICS

THOLEIITIC AND CALCALKALIC METAVOLCANICS

Felsic Metavolcanics

4a Flows, aphanitic
4b Flows, porphyritic
4c Tuff
4d Lapilli-tuff.

Intermediate Metavolcanics

3a Flows, aphanitic
3b Flows, porphyritic
3c Flows, pillowed
3d Tuff
3e Lapilli-tuff.
3f Tuff-breccia
3g Breccia

Mafic Metavolcanics

2 Unsubdivided
2a Flows, fine-grained, aphanitic
2b Flows, pillowed
2c Flows, amygdaloidal
2d Flows, coarse-grained
2e Flows, porphyritic
2f Tuff
2g Flows, variolitic
2h Lapilli-tuff
2j Flows, light grey brecciated in places
2k Amphibolite.

KOMATIITIC METAVOLCANICS

Ultramafic and Basaltic Komatiites

1 Unsubdivided
1a Dunitic komatiite, serpentinized, black
1b Serpentinite, light green
1c Serpentinite-carbonate breccia
1d Serpentinite, dark green
1e Peridotitic komatiite, spinifex textured
1g Hornblende-wehrlite
1n Serpentinite, grey.
1j Green carbonate
1k Variolitic, serpentinized, peridotitic komatiite
1m Basaltic komatiite
1p Lapilli-tuff

AREA AND PROPERTY HISTORY

The Shining Tree Area has been looked at for gold since the turn of the century. However, the area around Knight and Natal Townships was of particular interest since the 1930's (Carter). Intensive exploration efforts on claims adjoining the subject claims occurred in the late 1950's and early 1960's. These programs were basically gold oriented. Some of the larger scale projects were carried out by Courageous Lake Gold Mines, New Senator Rouyn Ltd. and Metakamedo Mines Ltd.

In the mid-sixties, an intensive drilling program for nickel was initiated by Arthur Lake Mines. Most of this drilling was carried out along Arthur Lake. Timiskaming Nickel also carried out drilling for nickel on claims within and adjoining the present subject block claims and in the surrounding area.

Since the late 1930's until the mid-sixties, the Moon Lake Gold occurrence has been worked sporadically. This gold occurrence has gold hosted within shear zones in felsic volcanics, as well as gold in fushitic green carborates. The location of the Moon Lake (Decker) gold occurrence and the pertinent historical projects relative to the present subject property are shown in Fig. #3.

In the 1970's, most of the present subject property and surrounding ground was put under the Bear Island Indian Caution. Thus exploration in this area was virtually suspended for almost a quarter century.

The most recent work prior to the KRL/Cross Lake joint venture was by Filo and Jones (1991). Work consisted of a VLF-EM survey and limited prospecting. Details on this work are documented in assessment files.

Work by KRL and Cross Lake consisted of establishing a new re-oriented control grid and conducting ground geophysics. The geophysics consisted of a ground magnetic and horizontal loop E-M survey. Diamond drilling was then initiated immediately to follow-up those targets for potential base metal mineralization; the results of this work are discussed within the context of this report.

GEOLOGICAL REVIEW OF THE PROPERTY

As shown in Fig. 3, the subject property is underlain by a complete volcanic sequence ranging in composition from ultramafics to felsics. These sequences were personally examined by the author and excellent spinifex and polysutured ultramafics were noted. Further, numerous exposures of intermediate and felsic volcanics made up of flows, tuffs and agglomerates were also noted.

As shown in Carters Map 2465 (Fig. 3) the volcanics on the subject property strike at 330-340°Az. This map also shows that a northwest-southeast synclinal axis exists just southwest of the subject property; the stratigraphy in the extreme southwest portion of the claim block likely makes up part of the north fold limb of this syncline. Assuming this interpretation is correct, the author has postulated that an anticlinal axis may strike 330-340°/Az through Aurtur Lake. This anticlinal fold nose likely exists where the ultramafics form a point 3/4 miles northeast of Arthur Lake. This hypothesis is only conjecture at this time and would have to be substantiated and supported by property scale field mapping. However, if this anticlinal fold does indeed exist there is a substantial strike length of ultramafic flows on each side of the anticline and the basal portions of these flows have not been tested for potential Kambalda style nickel deposits. Further, there is substantial felsic volcanics which have potential for volcanagenic massive sulphides.

The geological picture on this property has also been further complicated by the Pigeon Lake Fault Splay striking parallel to the Montreal River. One could also say that the picture may have been enhanced from an economic standpoint by this fault if gold

mineralization is being considered. The fault probably disrupted much of the lithology and caused potential conduits for gold bearing quartz veins and/or stockworks in favourable lithology. Such favourable lithologies included fushitic carbonatized ultramafics and associated contacts or shears along or within these units. These types of deposits occur in Timmins and Kirkland Lake. Potential also exists for Bosquet (Doyon Mine) bulk minable gold deposits within felsics on this property. This type of deposit was not even known when gold exploration was being carried out in this area in the past. This type of deposit, although strataform, has an important structural affinity as well.

Some evidence of major disruption caused by the Pigeon Lake Fault Splay is evident on Arthur Lakes'shores just off the subject property (See Map 2465, Fig. 3). A unit (Deckerite) was examined by the author, this unit is believed to be a major zone of tectonic brecciation. The unit has an aphanitic quartz calcite fushitic matrix with clasts of angular black ultramafics within it. It is believed this unit itself and its extensions onto the subject property are a good host for hydrothermal gold mineralization. This zone of deformation was reported to be 240 m wide (Carter O.G.S. Report 225).

At this point in time, it is difficult to make any further assumptions about this property's geological concepts, structure and mineral potential. A good property map will have to be formulated to help prove or disprove the ideas suggested in this section.

FIG. 4 GRID LOCATION AND COLLAR LOCATION MAP

SCALE 1:31680
(1" = 1/2 MILE)

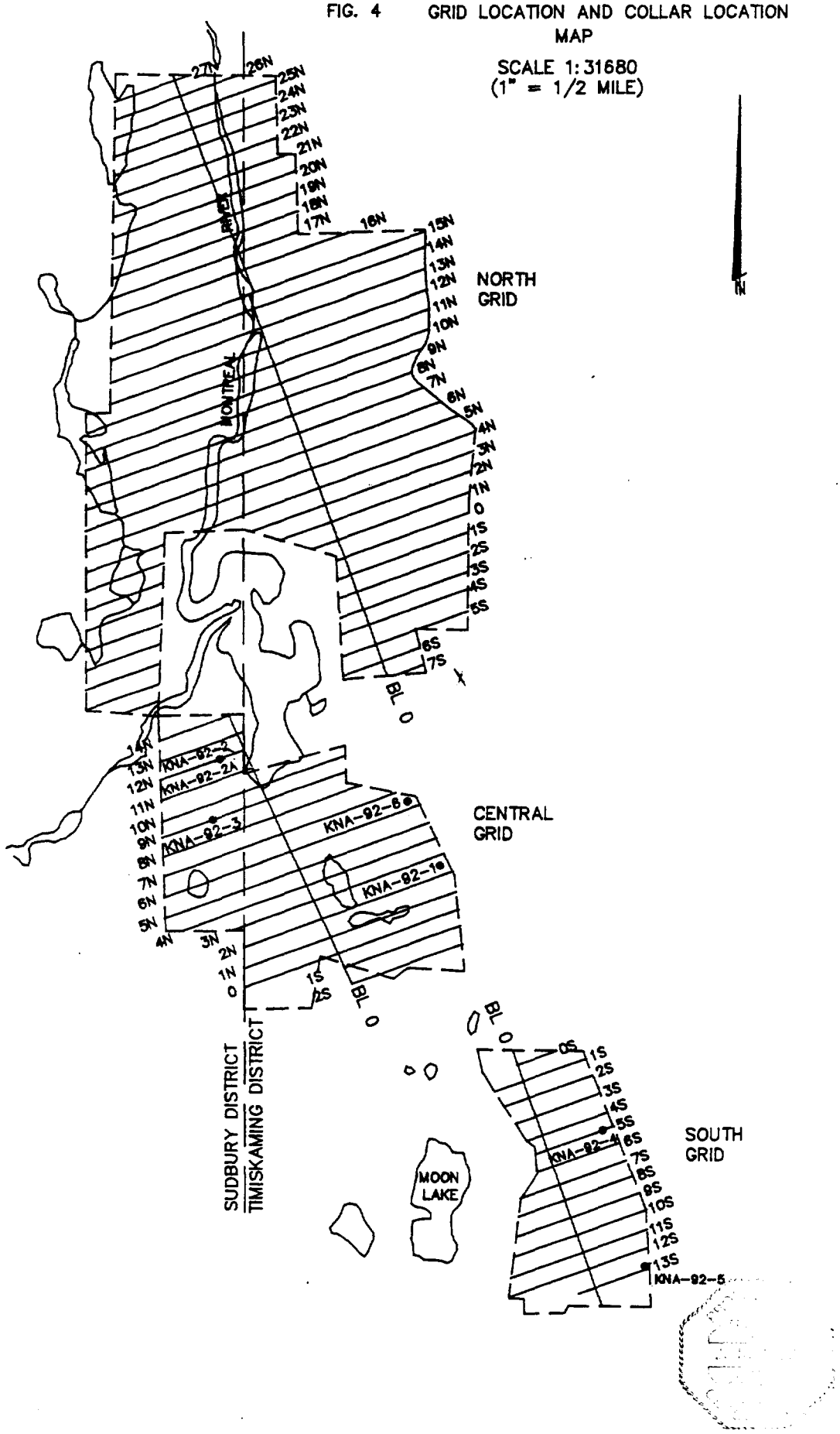
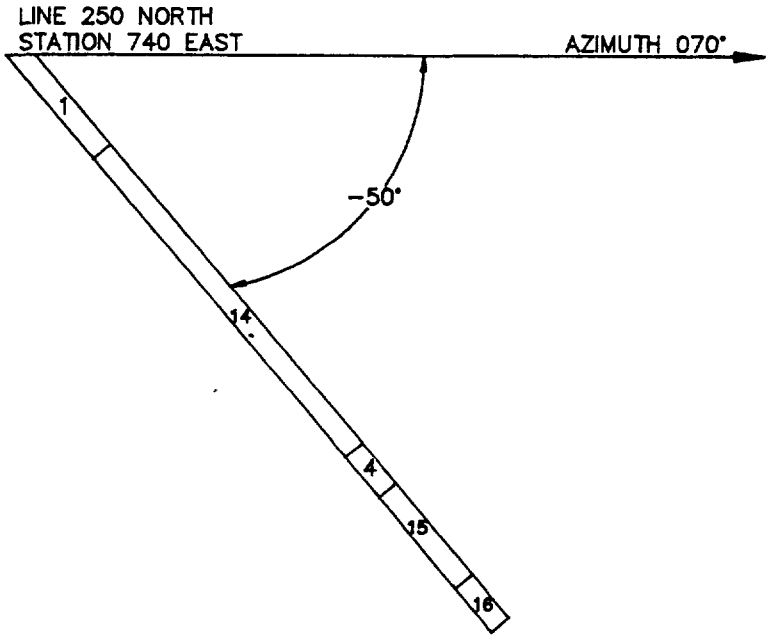


FIG. 5
KNA-92-1
SECTION LOOKING NORTH
ALONG AZIMUTH 070°
LOCATION: CENTRAL GRID
LINE 250 NORTH STATION 740 EAST

SCALE 1cm = 5m (1:500)

20 0 20m



LEGEND (GEOLOGY)

- 1 – OVERBURDEN
- 2 – DACITIC LAPILLI TUFF
- 3 – RHYODACITE
- 4 – GRAPHITE
- 5 – DIABASE
- 6 – GABBRO
- 7 – FELDSPAR PORPHYRY
- 8 – DACITE
- 9 – BASALT
- 10– COARSE GRAINED BASALT
- 11– LEUCOXENE BASALT
- 12– COARSE GRAINED BASALTIC–KOMATIITE
- 13– GREEN CARBONATE ZONE
- 14– ULTRAMAFIC FLOWS
- 15– RHYODACITE TUFF
- 16– INTERMEDIATE VOLCANIC
- 17– ULTRAMAFIC
- 18– SILICIFIED ZONE (CHERTY)
- 19– CHERTY TUFFACEOUS UNIT
- 20– CHERTY GRAPHITIC SEDIMENTS
- 21– BRECCIA/SHEAR ZONE IN ULTRAMAFIC
- 22– ULTRAMAFIC FLOW BRECCIA
- 23– MAFIC DYKE
- 24– BASALTIC VOLCANIC
- 25– INTERMEDIATE PORPHYRITIC DYKE
- 26– ULTRAMAFIC BRECCIA/QUARTZ STOCKWORK
- 27– RHYODACITE WITH CHERTY SECTIONS
- 28– BLEACHED MAFFIC VOLCANIC
- 29– FLOW BRECCIA (MAFIC)
- 30– GRANODIORITE
- 31– SYENITE

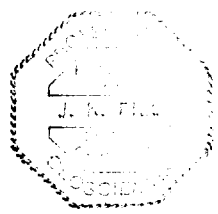
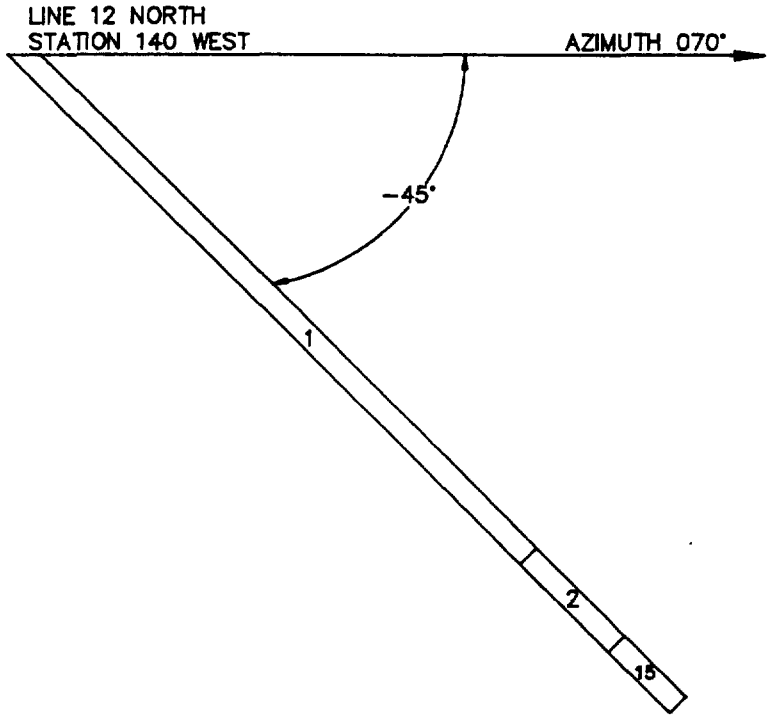


FIG. 6
KNA-92-2
SECTION LOOKING NORTH
ALONG AZIMUTH 070°
LOCATION: CENTRAL GRID
LINE 12 NORTH STATION 140 WEST

SCALE 1cm = 5m (1:500)

20 0 20m



LEGEND (GEOLOGY)

- 1 – OVERBURDEN
- 2 – DACITIC LAPILLI TUFF
- 3 – RHYODACITE
- 4 – GRAPHITE
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- 30– GRANODIORITE
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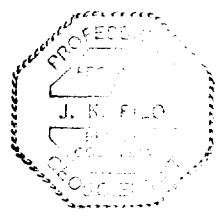


DISCUSSION OF DIAMOND DRILL RESULTS

Details on the individual targets drilled during the course of this program are presented on an individual basis as follows:

Hole KNA-92-1 (L25ON ST740E Central Grid Az 070° Dip -50°) Fig. #4

This hole was drilled to evaluate a strong VLF-EM anomaly and weak coincident horizontal loop E-M conductor.

It was originally anticipated that this conductor may have represented a possible shear zone in the ultramafics, a favourable environment for gold mineralization in this area.

This hole intersected ultramafic komatiitic volcanics (spinifex textured) on the hanging wall side of a graphitic conductive zone. The foot wall side of the conductor was underlain by sequences of felsic and mafic volcanics. No significant sulphides were intersected in this hole, and no significant gold values were obtained. Nickel values were only backround and ranged from 41 ppm to 719 ppm nickel.

Hole KNA-92-2 (L12N ST14OW Central Grid Az 070° Dip-45°) Fig. #4

This hole was lost in overburden.

Hole KNA-92-2A (L12N ST 14OW Central Grid Az 070° Dip-50°) Fig. #4

This hole was initiated to test a horizontal loop EM conductor which measured 70m wide on L12N. This zone is located a short distance west of the south tip of Arthur Lake. This area is covered extensively in overburden or glacial debris (esker sand). Previous drilling 400m north of the present drill collar by Arthur Lake Mines (Hole A-7) and outcrop

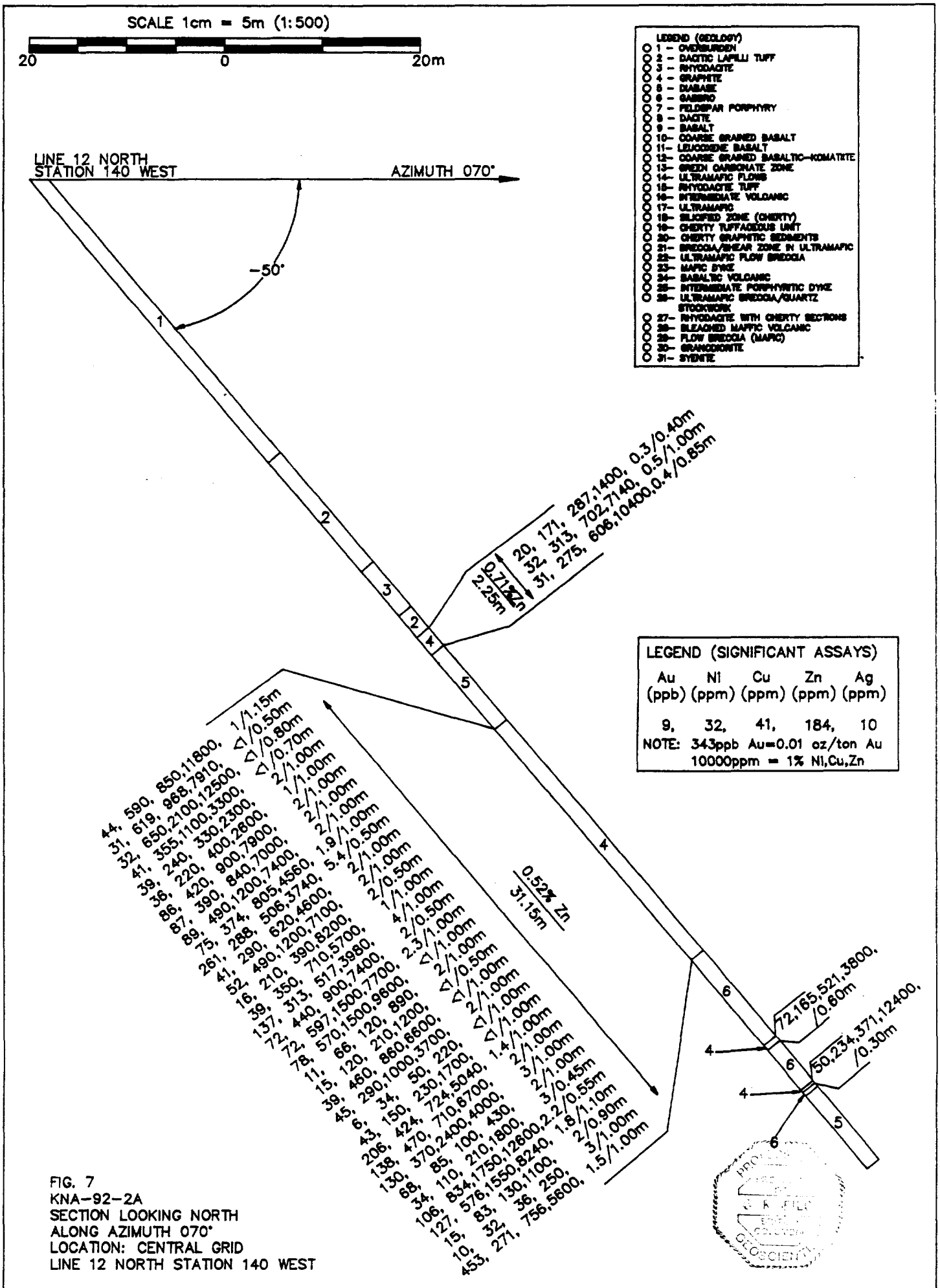


FIG. 7
KNA-92-2A
SECTION LOOKING NORTH
ALONG AZIMUTH 070°
LOCATION: CENTRAL GRID
LINE 12 NORTH STATION 140 WEST

along the shore of Arthur Lake suggested that bedrock in the vicinity of Hole KNA-92-2A would be ultramafic komatiitic volcanics. This type of environment is favourable for Kambalda type nickel deposits.

However, drilling showed that the hanging wall side of the conductor was felsic volcanics and tuffs. The conductive zone was made up of a series of graphitic lenses with one main central zone which was 31.5m in length (core length). The graphitic zone was intruded by a series of diabase dykes and gabbroic intrusives; this hole bottomed in a diabase dyke.

Rather unusually high values for zinc were obtained from the graphitic horizons; these included .71% Zn over 2.25m from 61.6m to 63.85m. and 0.52% Zn over 31.15m from 73.85m to 105m. In some instances Zn values of at least 1% were found over 1.95m of core within the 31.15m interval. The main graphitic interval from 73.85 to 105m also contained weakly anomalous gold values throughout the interval; the better values included 261 ppb Au over 0.5m and 206 ppb Au over 1.0m.

In light of the elevated zinc values in graphite within a favourable lithological package for volcanogenic massive sulphides further investigation of this area is warranted and should be considered in the near future.

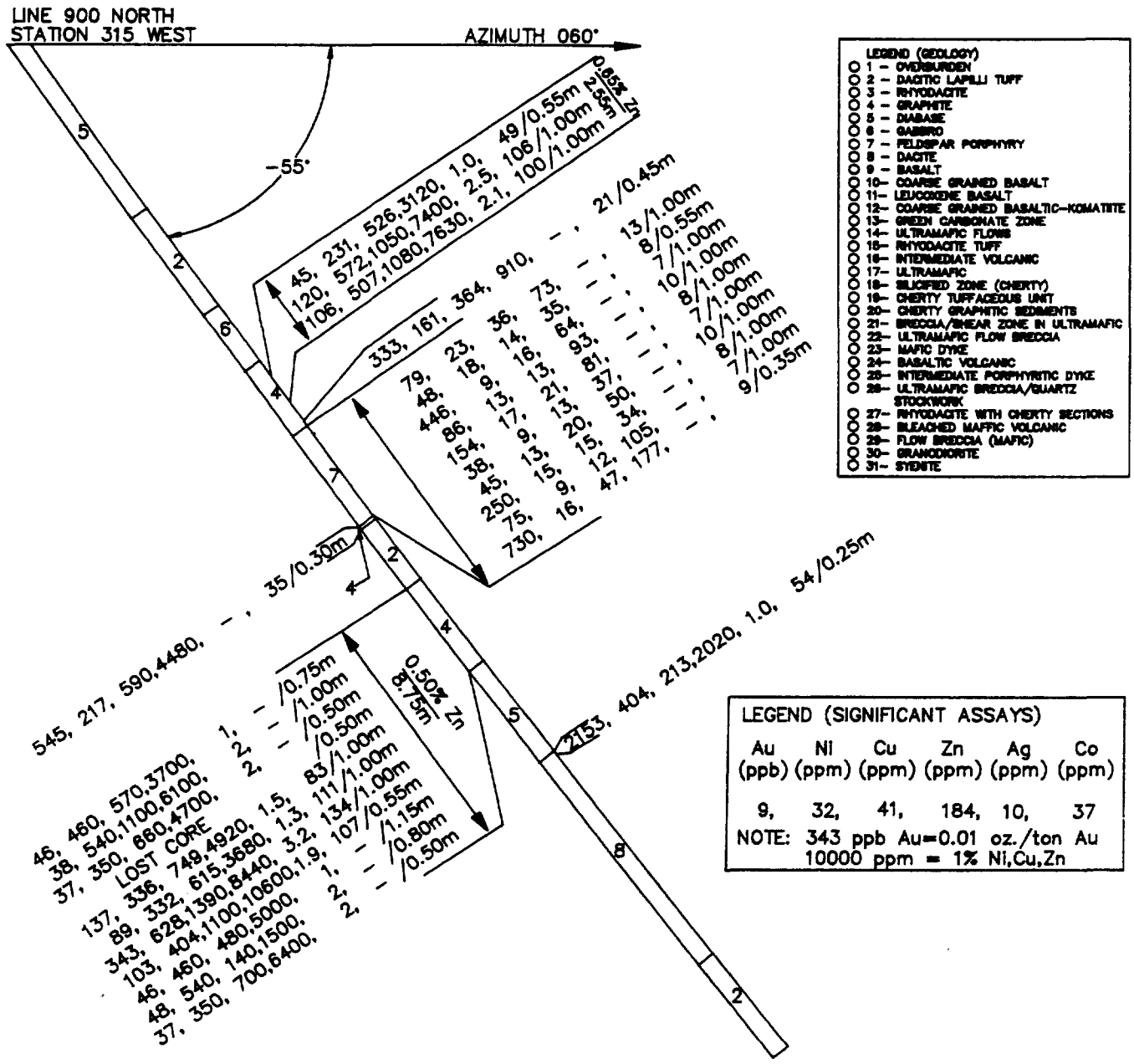
KNA-92-3 (Line 900N ST315W Central Grid Az060° Dip-55°) Fig. #4

Similarly, this hole was drilled to test a horizontal loop EM conductor. This hole intersected what is believed to be the same felsic package found in Hole KNA-92-2A collared a short distance west of KNA-92-3. The majority of this hole consists of felsic volcanics with graphitic horizons. The felsics and graphitic horizons have been intruded

FIG. 8
KNA-92-3
SECTION LOOKING NORTH
ALONG AZIMUTH 060°
LOCATION: CENTRAL GRID
LINE 900 NORTH STATION 315 WEST

SCALE 1cm = 5m (1:500)

20 0 20m



LEGEND (GEOLOGY)

1 – OVERBURDEN
2 – DACITIC LAPILLI TUFF
3 – RHYODACITE
4 – GRAPHITE
5 – DIABASE
6 – GABBRO
7 – FELDSPAR PORPHYRY
8 – DACITE
9 – BASALT
10 – COARSE GRAINED BASALT
11 – LEUCOXENE BASALT
12 – COARSE GRAINED BASALTIC-KOMATIITE
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14 – ULTRAMAFIC FLOWS
15 – RHYODACITE TUFF
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17 – ULTRAMAFIC
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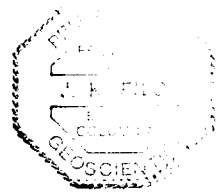
28 – BLEACHED MAFFIC VOLCANIC
29 – FLOW BRECCIA (MAFIC)
30 – GRANODIORITE
31 – SYENITE

LEGEND (SIGNIFICANT ASSAYS)

Au (ppb)	Ni (ppm)	Cu (ppm)	Zn (ppm)	Ag (ppm)	Co (ppm)
9,	32,	41,	184,	10,	37

NOTE: 343 ppb Au=0.01 oz./ton Au
10000 ppm = 1% Ni,Cu,Zn



SCALE 1cm = 5m (1:500)

20 0 20m

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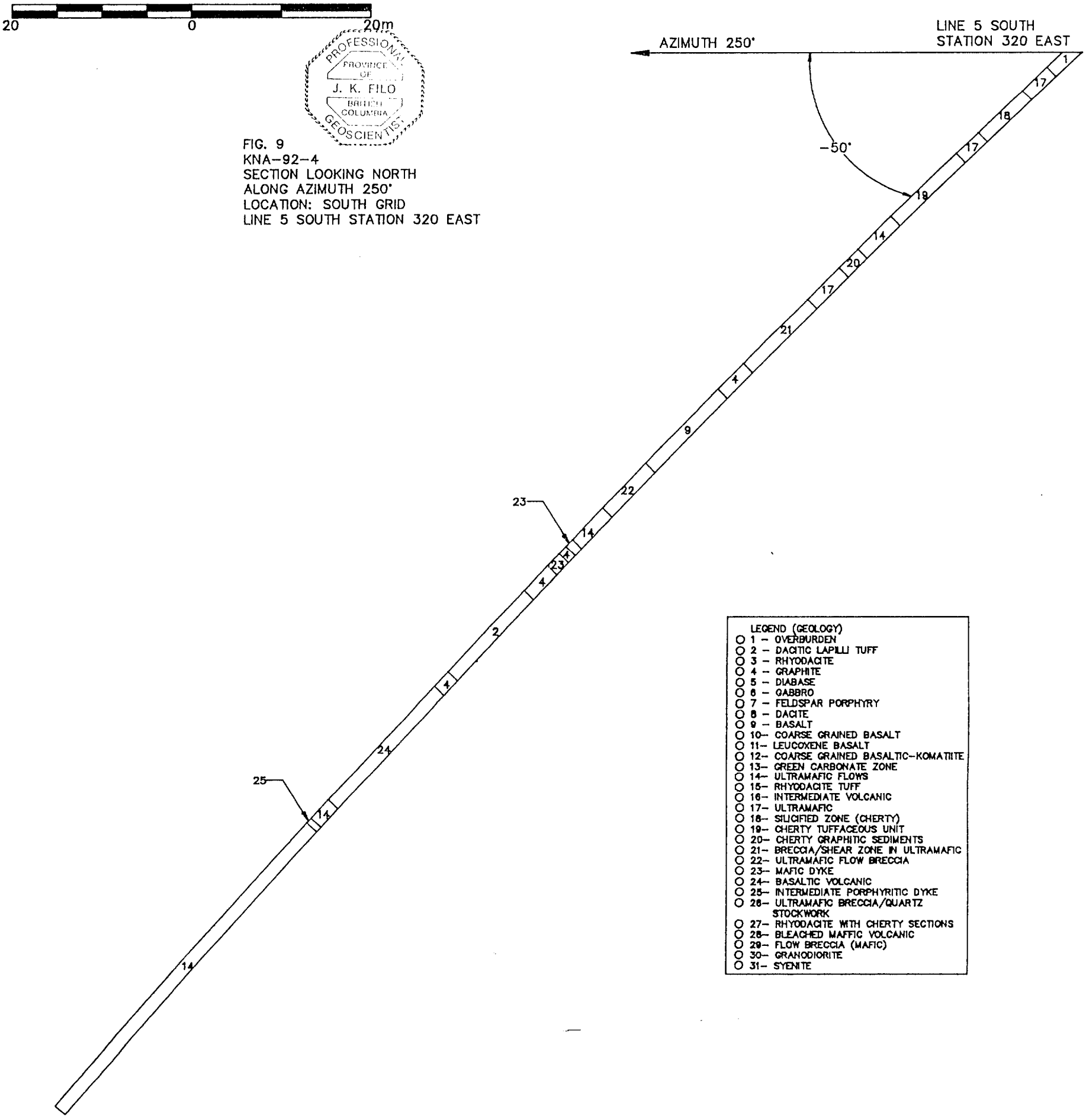
FIG. 9
KNA-92-4
SECTION LOOKING NORTH
ALONG AZIMUTH 250°
LOCATION: SOUTH GRID
LINE 5 SOUTH STATION 320 EAST



LEGEND (GEOLOGY)
- 1 – OVERBURDEN
- 2 – DACITIC LAPILLI TUFF
- 3 – RHYODACITE
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by various intrusives including diabase, gabbro, and feldspar porphyry.

Elevated zinc values were once again noted in graphitic horizons within the felsic package. Significant intervals included 0.5% Zn over 8.75m and 0.65% Zn over 2.25m. Minor sphalerite and chalopyrite were noted in one instance on the contact of a diabase unit and felsic volcanics. The sphalerite was in the felsic volcanics, this same sample from 71.05-71.30m assayed 0.059 oz/ton Au over 0.25m. Geochemically anomalous gold values were also noted within all graphitic horizons. Similar to Hole KNA-92-2A further exploration efforts should be considered for this area to better evaluate the felsic package for potential Cu-Zn volcanogenic massive sulphide deposits.

KNA-92-4 (South Grid Line 5S.ST 32OE Az 250° Dip-50°) Fig. #4

Surface exposure proximal to this collar consisted of spinifex textured and poly sutured ultramafic volcanics. Consequently, Hole KNA-92-4 was collared to test a conductive horizon within this suite of ultramafics for nickel sulphides. The cause of the conductive horizon was ascertained to be graphite and only backround nickel values were obtained in the ultramafics. Other values for base metals and precious metals were low as well.

KNA-92-5 (South Grid L1290S ST315 E. Az224° Dip-53°) Fig. #4

Hole KNA-92-5 was drilled on the extreme southern portion of the claim block. This hole intersected a stockwork of quartz calcite within and ultramafic horizon on the hanging wall side of a graphitic conductor. The graphite zone was believed to be the cause of an EM anomaly in this area. On the footwall side of the graphite a series of intercalated felsics and mafic volcanics are present. The volcanics have been intruded by a number

SCALE 1cm = 5m (1:500)

20 0 20m

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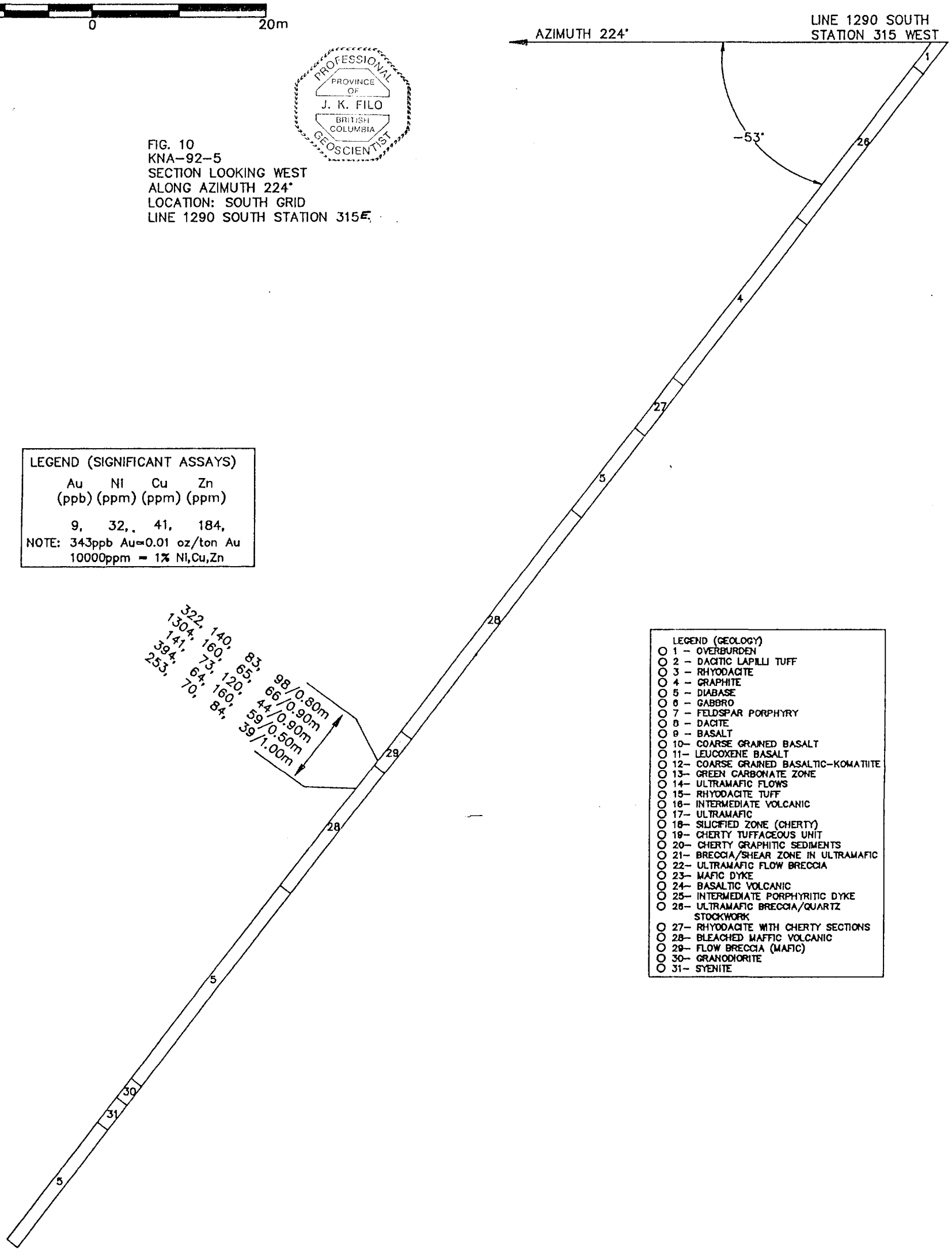
FIG. 10
KNA-92-5
SECTION LOOKING WEST
ALONG AZIMUTH 224°
LOCATION: SOUTH GRID
LINE 1290 SOUTH STATION 315E

LEGEND (SIGNIFICANT ASSAYS)

Au (ppb)	Ni (ppm)	Cu (ppm)	Zn (ppm)
9,	32,	41,	184,

NOTE: 343ppb Au=0.01 oz/ton Au
10000ppm = 1% Ni,Cu,Zn



LEGEND (GEOLOGY)

- 1 – OVERBURDEN
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- 28– BLEACHED MAFFIC VOLCANIC
- 29– FLOW BRECCIA (MAFIC)
- 30– GRANODIORITE
- 31– SYENITE

LINE 620 NORTH
STATION 743 WEST

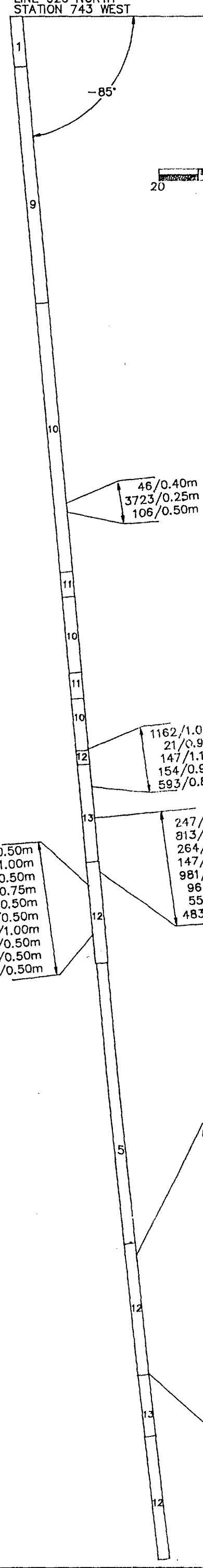
AZIMUTH 003°

FIG. 11
KNA-92-6
SECTION LOOKING WEST
ALONG AZIMUTH 003°
LOCATION: CENTRAL GRID
LINE 620 NORTH STATION 743 WEST

SCALE 1cm = 5m (1:500)

20 0 20m

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. K. FILO
GEOSCIENTIST



LEGEND (GEOLOGY)
- 1 – OVERBURDEN
- 2 – DACITIC LAPILLI TUFF
- 3 – RHYODACITE
- 4 – GRAPHITE
- 5 – DIABASE
- 6 – GABBRO
- 7 – FELDSPAR PORPHYRY
- 8 – DACITE
- 9 – BASALT
- 10– COARSE GRAINED BASALT
- 11– LEUCOXENE BASALT
- 12– COARSE GRAINED BASALTIC–KOMATIITE
- 13– GREEN CARBONATE ZONE
- 14– ULTRAMAFIC FLOWS
- 15– RHYODACITE TUFF
- 16– INTERMEDIATE VOLCANIC
- 17– ULTRAMAFIC
- 18– SILICIFIED ZONE (CHERTY)
- 19– CHERTY TUFFACEOUS UNIT
- 20– CHERTY GRAPHITIC SEDIMENTS
- 21– BRECCIA/SHEAR ZONE IN ULTRAMAFIC
- 22– ULTRAMAFIC FLOW BRECCIA
- 23– MAFIC DYKE
- 24– BASALTIC VOLCANIC
- 25– INTERMEDIATE PORPHYRITIC DYKE
- 26– ULTRAMAFIC BRECCIA/QUARTZ STOCKWORK
- 27– RHYODACITE WITH CHERTY SECTIONS
- 28– BLEACHED MAFFIC VOLCANIC
- 29– FLOW BRECCIA (MAFIC)
- 30– GRANODIORITE
- 31– SYENITE

LEGEND (SIGNIFICANT ASSAYS)

Au
(ppb)

9,

NOTE: 343 ppb = 0.01 oz/ton

PROPOSED INTERSECTION OF
COURAGEOUS LAKE VEIN
ON KRL RESOURCES
CROSS LAKE GROUND

of diabase dykes.

Low nickel values were obtained in the ultramafics in this hole and other base metal values were extremely low as well.

No significant gold values were obtained in the ultramafic stockwork in the initial portion of this hole. However, some gold values of interest were found in a bleached mafic volcanic with some brecciation and minor quartz veinlets. This interval is shown on the accompanying section (Fig. #10).

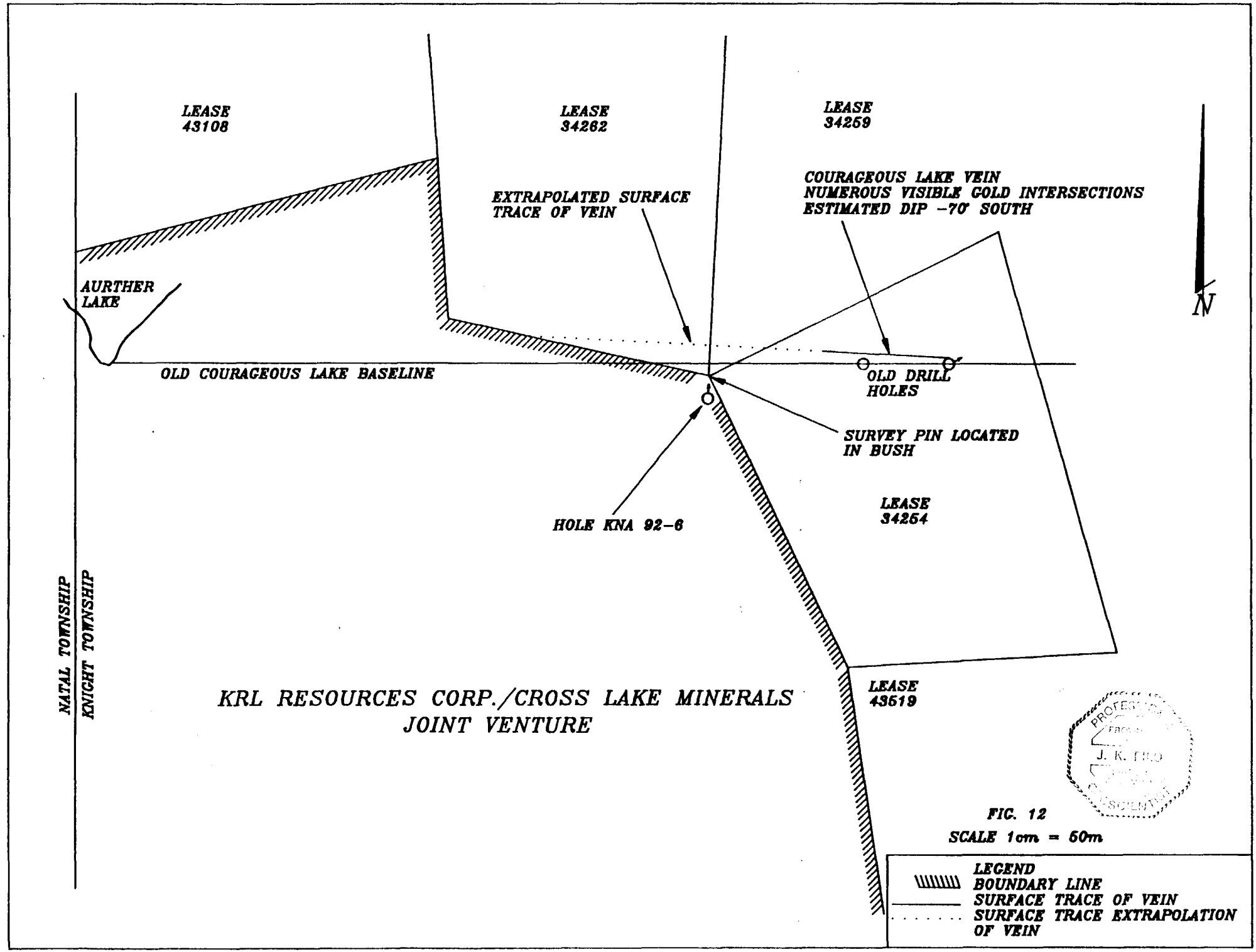
KNA-92-6 (Central Grid L62ON ST743W Az003 Dip-85°) Fig. #4

This hole was targeted to intersect the down dip extension of a known gold-bearing vein (Fig. #12). This vein lies approximately 180m west of the KRL/Cross Lake boundary. It has been calculated from assessment file data and field observations that the Courageous Lake vein would intersect the subject property at the 120m elevation based on its present calculated strike of 273° Az, and a 70° dip to the south and the present boundary situation.

Drilling (see Fig. #11) intersected a strongly anomalous gold-bearing system from 94.9 to 119m associated with green fushitic carbonates. Higher values in this zone ranged from .01 to .038 oz/ton Au. This zone is cut off by a diabase from 122.85-159.45m. Below the diabase a second similar anomalous zone from 159.45 to 176.3 exists with higher values ranging from .016 to.055 oz/ton Au. The Courageous Lake vein was anticipated to enter the subject property in the vicinity of this second anomalous zone. It is also possible that on this section the anomalous zone was much more extensive prior to the intrusion of the diabase and this was one large system extending from 94.9m to 176m

(81.0m). Further, it is possible that the vein system was obliterated by the diabase on this section.

A more thorough investigation of this rather broad system and en-echelon systems which returned values of 0.1 oz/ton Au will be required in future to fully evaluate this area.


LEASE
43108
LEASE
34262
LEASE
34259
EXTRAPOLATED SURFACE
TRACE OF VEIN
COURAGEOUS LAKE VEIN
NUMEROUS VISIBLE GOLD INTERSECTIONS
ESTIMATED DIP -70° SOUTH
N
AURTHER
LAKE
OLD COURAGEOUS LAKE BASELINE
OLD DRILL
HOLES
SURVEY PIN LOCATED
IN BUSH
HOLE KNA 92-6
LEASE
34254
LEASE
43619
NATAL TOWNSHIP
KNIGHT TOWNSHIP
KRL RESOURCES CORP./CROSS LAKE MINERALS
JOINT VENTURE
PROFESSIONAL
ENGINEER
J. K. FIELD
GEOSCIENTIST
FIG. 12
SCALE 1cm = 50m
LEGEND
BOUNDARY LINE
SURFACE TRACE OF VEIN
SURFACE TRACE EXTRAPOLATION
OF VEIN

CONCLUSIONS AND RECOMMENDATIONS

In this author's opinion, a serious investigation of the felsic volcanics on this property should be initiated for Cu-Zn volcanogenic massive sulphides. Although only minor sphalerite was found in the felsics, the elevated zinc values in the graphite suggest that this geological environment is enriched in zinc and massive sulphide deposits may be proximal to these graphitic horizons. Such a model exists in Wisconsin where volcanogenic massive sulphide deposits are spacially associated with graphitic lenses that are anomalous in zinc and copper. A more detailed account of the deposits in Wisconsin and this model is given in a series of economic geology papers. One such paper is written by T.A. DeMatties (1989) of Lehmann and Associates whom this author personally contacted regarding the subject property. Mr. DeMatties concurred with this author's opinion that there appear to be significant similarities between the environment in Wisconsin and the present subject property. Mr. DeMatties also concurred that a further evaluation of this environment for Cu-Zn deposits was warranted. It is this author's opinion that such a program should include whole rock geochemistry and trace element analysis along with down hole pulse E.M.

Such a program should be initiated in the vicinity of central grid where work has been previously carried out and some encouragement obtained. However, other felsics should be examined as well, particularly lines 19-23N (west of river) on Filo's VLF Maps (1991) in the northeastern sector of the property where sulphides exist and strong fraser filtered VLF-EM anomalies are present. Possible zinc sulphide zones and/or stringers may

exist here which are poor conductors.

In light of anomalous gold values obtained in Hole KNA-92-6 and its proximity to the gold-bearing Courageous Lake vein, further gold exploration should be considered on this prospect as well. An induced polarization (I.P.) survey should be carried out over the central grid to test for extensions of the Courageous vein where the surface trace eventually enters the subject property as well as explore for en-echelon systems. If possible, if permission can be obtained, a line of I.P. should be run over the Courageous vein to define a geophysical signature for this vein, similar responses could be searched for on the KRL ground.

At least one or two follow-up holes should be stepped out west of KNA-92-6 away from the diabase. This would verify the extent of the zone without the diabase and perhaps intersect better values as the diabase could have eliminated the vein on the section KNA-92-6 was drilled.

A more detailed and systematic account of recommendations for this project is presented as follows:

(1) carry out limited geological mapping where critical such as on the central grid and in the northwestern section of the grid on old VLF lines 19-23N (west of river) by Filo (1991)

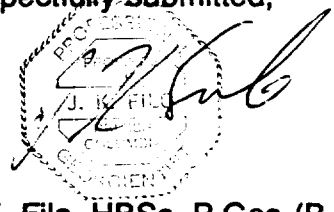
(2) plan to drill two or three more holes in the vicinity of holes KNA-92-2A & 3 to further evaluate the felsic volcanics in this area for Cu-Zn sulphides. These holes should be drilled with NQ size rods and plastic piping run through the NQ bit face prior to pulling rods. This would allow down hole pulse EM probes to be run without any caving problems and test for potential massive sulphide targets at depth and along strike within favourable stratigraphy.

(3) carry out pertinent whole rock analysis and trace element analysis to examine geochemical signatures in the favourable felsic volcanic package near KNA-92-2A & 3. This could be initiated immediately on core presently available from KNA-92-2A & 3.

(4) conduct an induced polarization survey over the central grid to evaluate the surface trace of the Courageous Lake vein where it would likely enter the subject property and search for en-echelon zones. This should be done after a test-run is carried out over the Courageous Lake vein to obtain a geophysical signature which could be utilized to designate priority targets on the subject property. Permission to carry out this test I.P. line would have to be obtained from present claim holders.

(5) plan to drill at least two holes west of KNA-92-6 to further evaluate the gold-bearing anomalous zone found in KNA-92-6 that appears to be related to the Courageous Lake vein. These holes should be set up after an evaluation of the I.P. survey which could define higher priority areas on this zone.

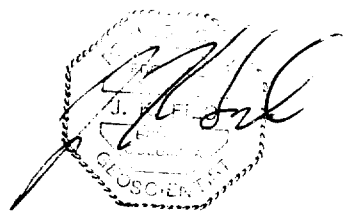
Respectfully submitted,



J. K. Filo, HBSc, P.Geo (B.C.)

BUDGET PROPOSAL

1.	Geological Surveying			
	i)	Fifteen (15) miles at $250/mile	$ 8,750.00	
	ii)	Assaying	1,000.00	
	iii)	Report	1,500.00	
			$ 6,250.00	$ 6,250.00
2.	Geophysical Surveying			
	i)	Fifteen (15) miles of I.P. at $15/mile		22,500.00
	ii)	Report		2,000.00
3.	Diamond Drilling Costs			
	i)	1200 metres of diamond drilling (NQ) at $50.84/metre inclusive		61,008.00
	ii)	Related Assaying and Geochemical Analysis Costs		14,000.00
	iii)	Down-hole Geophysical Costs		15,000.00
	iv)	Geological Supervision and Report		15,000.00
		TOTAL		135,758.00
		Contingencies 10%		13,575.80
				$149,333.80



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DeMatties, A.T.: 1989 — A Proposal Geologic Framework for Massive Sulphide Deposits in the Wisconsin Penokean Volcanic Belt, Economic Geology Vol. 84, pp. 946-952.

May, E.R. et al: 1982 — The Discovery, Geology and Mineralogy of the Crandon Precambrian Massive Sulphide Deposit, Wisconsin; Precambrian Sulphide Deposits, H.S. Robinson Memorial Volume, Geological Association of Canada, Special Paper 25.

Lambe, R.N. et al: 1987 — Volcanic History, Mineralization and Alteration of the Crandon Massive Sulphide Deposit, Wisconsin; Economic Geology Vol. 82, pp. 1204-1238.

Assessment Files: (Cobalt, Ont.)

(1) Camdeck Mines Limited
(2) Temiskaming Nickel Mines Ltd.
(3) Courageous Lake Gold Mines
(4) Filo Geophysical Report on Knight and Natal Townships
(5) Filo, Final 1991 Compilation Report on Arthur Lake, Knight and Natal Townships

Carter (1987): Geology of the Shining Tree Area; Districts of Sudbury and Temiskaming, Ministry of Northern Development and Mines, Ontario Geological Survey Report 240, accompanied by Map 2510, Scale 1:50,000

Carter (1987): Geology of Knight and Natal Townships; Districts of Sudbury and Temiskaming, Ministry of Natural Resources, Ontario Geological Survey Report 225, accompanied by Map 2465, Scale 1 in.=1/2 mile.

Downes (1981): Ontario Geological Survey, Miscellaneous Paper 97, Genesis of Archean Volcanic Hosted Gold Deposits; Structural and Stratagraphic Aspects of Gold Mineralization in Larder Lake, Ontario. Ministry of Natural Resources, Ontario Geological Survey.

MacDonald A.J.: (1986) — Gold 86 Proceedings: Various Papers on the Hemlo and Bousquet Gold Mines.

CERTIFICATE

I, J. K. Filo of 535 Bartleman, Timmins, Ontario do hereby certify that:

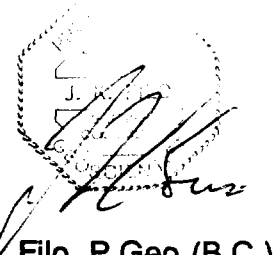
(1) I have personally supervised this diamond drill program and carried out all field work. I also carried out all of the core logging and supervised sampling.

(2) I am the author of this report and I have reviewed all pertinent assessment file data, geological reports and pertinent information pertaining to this prospect and adjoining areas prior to writing this report.

(3) I have been practising my profession as an exploration and mine geologist for just over 12 years.

(4) I am a member in good standing with the Association of Professional Engineers and Geoscientists of B.C.

(5) I hold a 45% interest in this claim block or 0.95% N.S.R.



J. K. Filo, P.Geo (B.C.)

APPENDIX I

Assay Certificates

ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
BOX 426
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

44985

Certificate of Analysis

KRL Resources Corp.,
1022-470 Granville Street,
Vancouver, British Columbia
V6C 1V5

March 3rd, 1992

Work Order # : 920077A
Project : KNA

SAMPLE NUMBERS Accurassay	Customer	Silver ppm	Copper ppm	Nickel ppm	Zinc ppm
254516	11065	1	850	590	1.18%
254517	11066	<1	2100	650	1.25%
254518	11067	<1	330	240	2300
254519	11068	<1	400	220	2600
254520	11069	2	960	420	7900
254521	11070	1	840	390	7000
254522	11071	2	1200	490	7400
254523	11072	2	620	290	4600
254524	11073	2	1200	490	7100
254525	11074	1	390	210	3200
254526	11075	<1	710	350	5700
254527	11076	2	900	440	7400
254528	11077	2	1500	570	9600
254529	11078	2	120	86	890
254530	11079	<1	210	120	1200
254531	11080	1	860	460	6600
254532	11081	2	1000	290	3700
254533	11082	<1	50	34	220
254534	11083	<1	230	150	1700
254535	11084	2	710	470	6700
254536	11085	3	2400	370	4000
254537	11086	2	100	85	430
254538	11087	3	210	110	1800
254539	11088	2	130	83	1100
254540	11089	3	38	32	250
254541	11090		22	26	99
254542	11091		51	24	76
254543	11092		42	28	82
254544	11093		50	33	86
254545	11094		45	34	84
254546	11095		51	32	82
254547	11096		37	30	78
254548	11097		50	34	86
254549	11098		58	35	84
254550	11099		40	31	70
254551	11100		60	38	88

ASSOCIATION OF THE CHEMICAL PROFESSION OF ONTARIO
CHARTERED
Dr. G. Duncan
CHEMIST

Per: _____

LF-30

CUSTOMER COPY

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President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

44980

Certificate of Analysis

March 2nd, 1992

KRL Resources Corp.,
1022-470 Granville Street,
Vancouver, British Columbia
V6C 1V5

Work Order # : 920077
Project : KNA

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T
254516	11065	44	0.001
254517	11066	32	0.001
254518	11067	39	0.001
254519	11068	36	0.001
254520	11069	86	0.003
254521	11070	87	0.003
254522	11071	89	0.003
254523	11072	41	0.001
254524	11073	52	0.002
254525	11074	16	<0.001
254525	11074 Check	21	0.001
254526	11075	39	0.001
254527	11076	72	0.002
254528	11077	78	0.002
254529	11078	11	<0.001
254530	11079	15	<0.001
254531	11080	39	0.001
254532	11081	45	0.001
254533	11082	5	<0.001
254534	11083	43	0.001
254534	11083 Check	38	0.001
254535	11084	138	0.004
254536	11085	130	0.004
254537	11086	68	0.002
254538	11087	34	0.001
254539	11088	15	<0.001
254540	11089	10	<0.001
254541	11090	155	0.005
254542	11091	1871	0.055
254543	11092	39	0.001
254543	11092 Check	45	0.001

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44981 # Certificate of Analysis

Page # 2

March 2nd, 1992

KRL Resources Corp..
1022-470 Granville Street,
Vancouver, British Columbia
V6C 1V5

Work Order # : 920077
Project : KNA

SAMPLE NUMBERS		Gold	Gold
Accurassay	Customer	ppb	Oz/T
254544	11093	29	0.001
254545	11094	5	<0.001
254546	11095	116	0.003
254547	11096	15	<0.001
254548	11097	<5	<0.001
254549	11098	203	0.006
254550	11099	<5	<0.001
254551	11100	8	<0.001
254551	11100 Check	10	<0.001

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President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

44967

Certificate of Analysis

KRL Resources Corp.
1022-470 Granville St.
Vancouver, British Columbia
V6C 1V5

February 28 1992

Work Order # 920074A
Project: KNA

SAMPLE NUMBER Accurassay	Customer	Copper ppm	Nickel ppm	Zinc ppm
254448	11004	37	82	70
254449	11005	55	80	59
254450	11006	35	81	68
254451	11007	62	83	79
254452	11008	70	70	40
254453	11009	91	79	79
254454	11010	90	67	45
254455	11011	65	73	49
254456	11012	140	77	41
254457	11013	25	76	46
254458	11014	57	78	48
254459	11015	51	79	44
254460	11016	56	80	50
254461	11017	48	77	45
254462	11018	48	81	46
254463	11019	63	84	52
254464	11020	76	82	43
254465	11021	64	78	48
254466	11022	22	80	42
254467	11023	38	94	48
254468	11024	65	78	82
254469	11025	74	78	90
254470	11026	73	76	70
254471	11027	37	44	39
254472	11028	32	82	46
254473	11029	28	80	45
254474	11030	17	76	41
254475	11031	51	82	96
254476	11032	48	86	73
254477	11033	75	79	60
254478	11034	91	89	69
254479	11035	60	80	52
254480	11036	46	84	56
254481	11037	54	84	47

Per: G. Duncan

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BOX 426
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

44958

Certificate of Analysis

KRL Resources Corp.
1022-470 Granville St.
Vancouver, British Columbia
V6C 1V5

February 26 1992

Work Order # 920072A
Project: KNA

SAMPLE NUMBER Accurassay	Customer	Copper ppm	Nickel ppm	Zinc ppm
254417	11184	130	52	150
254418	11185	160	82	52
254419	11186	18	92	68
254420	11187	18	83	55
254421	11188	21	70	38
254422	11189	38	42	46
254423	11190	8	53	65
254424	11191	51	47	51
254425	11192	140	33	40
254426	11193	51	30	23
254427	11194	50	24	21
254428	11238	63	74	68
254429	11239	61	79	74
254430	11240	72	84	91
254431	11241	69	61	61
254432	11242	48	62	72
254433	11243	39	60	92
254434	11244	73	76	83
254435	11245	69	79	110
254436	11246	53	59	100
254437	11247	74	55	85
254438	11248	69	61	87
254439	11249	47	72	80
254440	11250	73	76	85
254441	11350	110	59	98

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CHEMIST

LF-30

Per: G. Duncan

ORIGINAL

Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

2W-0202-RG1

Company: **KRL RESOURCES CORP** Date: FEB-25-92
Project: KNA
Attn: K. FILO

We hereby certify the following Geochemical Analysis of 37 CORE samples submitted FEB-24-92 by .

Sample Number	Au PPB	Cu PPM	Ni PPM	Zn PPM
11201	Nil	75	176	68
11202	Nil	102	151	57
11203	55	98	149	61
11204	Nil	56	162	73
11205	Nil/Nil	109	155	69
11206	Nil	76	154	59
11207	Nil	111	140	56
11208	103	99	131	55
11209	Nil	93	127	61
11210	161	62	104	60
11211	7	97	153	68
11212	10	55	138	70
11213	10	63	143	73
11214	62/58	86	151	59
11215	Nil	102	182	63
11216	89	55	104	49
11217	Nil	38	148	59
11218	Nil	79	155	64
11219	38	88	181	71
11220	Nil	33	86	47
11221	147	69	75	41
11222	154	42	82	48
11223	593/559	35	69	49
11224	75	75	47	36
11225	79	66	50	33
11226	Nil	65	81	39
11227	79	61	77	57
11228	7	78	82	65
11229	96	46	74	53
11230	247	55	82	70

Certified by Sonna Gardner

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300

Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

2W-0202-RG1

Company: KRL RESOURCES CORP
Project: KNA
Attn: K. FILO

Date: FEB-25-92

We hereby certify the following Geochemical Analysis of 37 CORE samples submitted FEB-24-92 by .

Sample Number	Au PPB	Cu PPM	Ni PPM	Zn PPM
11231	813	70	93	50
11232	264	31	67	47
11233	147	18	47	41
11234	981	43	71	45
11235	96	25	84	51
11236	55	45	74	58
11237	483/531	70	80	67
11238 NOT REC'D				

Certified by Donna Gardner

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244. FAX (705)642-3300

Swastika Laboratories

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Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

2W-0203-RG1

Company: KRL RESOURCES CORP
Project: KNA
Attn: K. FILO

Date: FEB-25-92

We hereby certify the following Geochemical Analysis of 13 CORE samples submitted FEB-24-92 by .

Sample Number		Au PPB	Cu PPM	Ni PPM	Zn PPM
11251		Nil/Nil	74	41	350
11252		Nil	53	43	171
11253		Nil	41	36	108
11254		Nil	45	45	53
11255		Nil	89	48	159
11256		7	175	68	118
11257		21	1320	244	244
11258	NOT REC'D				
11395		7	119	53	69
11396		Nil	56	30	61
11397		Nil	53	54	88
11398		17	69	38	77
11399		Nil	43	26	68
11400		Nil/Nil	57	34	45

Certified by Donna Gardner

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244. FAX (705) 642-3300

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Geochemical Analysis Certificate

2W-0151-RG1

Company: **KRL RESOURCES CORP** Date: FEB-13-92

Project: KNA Copy 1. VANCOUVER

Attn: 2. K. FILO

We hereby certify the following Geochemical Analysis of 21 CORE samples submitted FEB-11-92 by K. FILO.

Sample Number	Au ppb	Cu ppm	Ni ppm	Zn ppm
7701	Nil	46	237	96
7702	Nil	66	186	105
7703	Nil	85	328	90
7704	Nil	44	460	54
7705	Nil	56	571	61
7706	10	108	320	84
7707	Nil	78	368	66
7708	Nil	62	719	515
7709	Nil	189	426	1040
7710	38/41	227	139	369
7711	17	130	96	206
7712	14	92	52	152
7713	Nil	41	55	228
7714	Nil	59	61	456
7715	Nil	46	44	290
7716	Nil	45	62	128
7717	Nil	53	54	277
7718	Nil/Nil	97	66	166
7719	Nil	42	73	188
7720	7	83	74	102
7721	Nil	31	109	98

Certified by Donna Gardner

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Geochemical Analysis Certificate

2W-0152-RG1

Company: **KRL RESOURCES CORP.** Date: FEB-15-92

Project: KNA Copy 1. VANCOUVER

Attn: 2. K. FILO

We hereby certify the following Geochemical Analysis of 50 CORE samples submitted FEB-12-92 by K. FILO.

Sample Number	Au PPB	Au check PPB	Co PPM	Cu PPM	Ni PPM	Zn PPM	Pt PPB
7722	Nil			52	31	129	
7723	Nil	Nil		31	26	110	
7724	Nil			87	23	121	
7725	Nil			118	28	154	
7726	Nil			93	24	147	
7727	Nil			53	29	141	
7728	Nil			39	25	137	
7729	Nil			73	24	108	
7730	Nil			90	28	111	
7731	Nil			60	27	104	
7732	Nil			81	26	65	
7733	Nil			68	29	64	
7734	Nil			37	27	59	
7735	Nil			35	23	111	
7736	Nil			38	31	271	
7737	10	4		40	26	203	
7738	7			36	24	155	
7739	Nil			39	40	134	
7740	14			39	26	200	
7741	10			37	23	126	
7742	13			38	33	128	
7743	9			41	32	184	
7744	20			287	171	1400	
7745	32			702	313	7140	
7746	31			606	275	10400	
7747	Nil			151	54	497	
7760	453		57	756	271	5600	<5
7761	50		23	136	137	176	<5
7762	Nil	Nil	24	89	135	77	<5
7763	Nil		25	81	147	87	<5

Certified by G. Filo

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Geochemical Analysis Certificate

2W-0152-RG1

Company: **KRL RESOURCES CORP.** Date: FEB-15-92

Project: KNA

Attn:

Copy 1. VANCOUVER
2. K. FILO

We hereby certify the following Geochemical Analysis of 50 CORE samples submitted FEB-12-92 by K. FILO.

Sample Number	Au PPB	Au check PPB	Co PPM	Cu PPM	Ni PPM	Zn PPM	Pt PPB
7764	Nil		28	86	146	80	<5
7765	Nil		25	83	140	78	<5
7766	Nil		26	83	142	325	<5
7767	Nil		28	91	147	96	<5
7768	Nil		26	87	144	71	<5
7769	6		27	91	150	76	<5
7770	7		27	90	151	78	<5
7771	Nil	Nil	26	90	154	20	<5
7772	Nil		27	94	152	377	<5
7773	72		43	521	165	3800	<5
7774	46		27	283	148	673	<5
7775	Nil		26	167	146	159	<5
7776	Nil		29	103	147	104	<5
7777	Nil		25	84	149	84	<5
7778	Nil		27	91	161	206	<5
7779	Nil	Nil	25	106	173	1720	<5
7780	50		51	371	234	12400	<5
7781	Nil		32	179	61	1260	<5
7782	Nil		27	154	40	115	<5
7783	Nil		29	150	46	106	<5

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Geochemical Analysis Certificate

2W-0172-RG1

Company: **KRL RESOURCES**
Project: KNA
Attn: K. FILO

Date: FEB-21-92

We hereby certify the following Geochemical Analysis of 55 CORE samples submitted FEB-14-92 by .

Sample Number	Au PPB	Au check PPB	Co PPM	Cu PPM	Ni PPM	Zn PPM	Pt PPB
7748	Nil		28	143	43	135	
7749	Nil		26	147	39	123	
7750	Nil		33	132	34	567	
7787	Nil		20	59	37	74	
7788	Nil		23	63	37	87	
7789	Nil		19	43	34	68	
7790	Nil		21	66	32	58	
7791	10		25	133	60	41	
7792	75		29	71	150	86	<5
7793	Nil		28	77	149	76	<5
7794	63		30	64	152	128	<5
7795	Nil		28	85	152	94	<5
7796	Nil		26	77	98	101	<5
7797	Nil		22	67	58	106	<5
7798	7		18	90	60	115	
7799	17		17	63	51	103	
7800	45		49	526	231	3120	
11451	120		106	1050	572	7400	
11452	106		100	1080	507	7630	
11453	27	24	58	297	321	1390	
11454	31		52	145	294	376	
11455	333		21	364	161	910	
11456	79		13	36	23	73	
11457	48		8	14	18	35	
11458	446		7	16	9	64	
11459	86		10	13	13	93	
11460	154		8	21	17	81	
11461	38	41	7	13	9	37	
11462	45		10	20	13	50	
11463	250		8	15	15	34	

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2W-0172-RG1

Company: **KRL RESOURCES**
Project: KNA
Attn: K. FILO

Date: FEB-21-92

We hereby certify the following Geochemical Analysis of 55 CORE samples submitted FEB-14-92 by .

Sample Number	Au PPB	Au check PPB	Co PPM	Cu PPM	Ni PPM	Zn PPM	Pt PPB
11464	75		7	12	9	105	
11465	730		9	47	16	177	
11466	545	559	35	590	217	4480	
11467	41		27	96	182	652	
11468	7		27	97	161	156	
11469	27		28	173	172	208	
11470	137		31	264	157	1520	
11471	117		28	98	186	93	
11472	79		22	121	152	153	
11473	137		83	749	336	4920	
11474	89		111	615	332	3680	
11475	343		134	1390	628	8440	
11476	103		107	1100	404	10600	
11477	2153	1954	54	213	253	2020	
11478	141		17	23	44	301	
11479	72		15	25	41	328	
11480	21		15	26	26	318	
11481	10		17	28	28	80	
11482	14		15	15	30	63	
11483	7		15	9	22	102	
11484	Nil		18	18	31	174	
11485	Nil		13	16	25	46	
11486	Nil		16	11	24	44	
11487	Nil		15	13	30	45	
11488	Nil		15	13	25	61	

Certified by Donna Gardner

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Geochemical Analysis Certificate

2W-0184-RG1

Company: **KRL RESOURCES CORP**
Project: KNA
Attn: K. FILO

Date: FEB-20-92

We hereby certify the following Geochemical Analysis of 30 CORE samples submitted FEB-17-92 by .

Sample Number	Au PPB	Cu PPM	Ni PPM	Zn PPM
7751	31	968	619	7910
7752	41	1100	355	3300
7753	75	805	374	4560
7754	261	506	288	3740
7755	134/137	517	313	3980
7756	72	1500	597	7700
7757	206	724	424	5040
7758	106	1750	834	12600
7759	127	1550	576	8240
7784	7	153	39	120
7785	Nil	152	33	116
7786	7	142	38	87
11401	3	35	24	83
11402	Nil	46	29	106
11403	3	45	28	305
11404	Nil/Nil	51	22	154
11405	Nil	42	32	220
11406	Nil	41	31	161
11489	Nil	8	25	52
11490	Nil	15	36	49
11491	3	10	19	16
11492	Nil	12	33	47
11493	Nil	11	34	128
11494	Nil	7	24	59
11495	Nil/Nil	8	32	81
11496	Nil	31	30	112
11497	Nil	19	26	117
11498	Nil	17	28	120
11499	130	13	28	116
11500	Nil	50	24	83

Certified by Donna Gardner

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Geochemical Analysis Certificate

2W-0187-RG1

Company: KRL RESOURCES CORP
Project: KNA
Attn: K. FILO

Date: FEB-21-92

We hereby certify the following Geochemical Analysis of 64 CORE samples submitted FEB-18-92 by .

Sample Number	Au PPB	Co PPM	Cu PPM	Ni PPM	Zn PPM	Pt PPB
11351	Nil	84	25	1620	41	<5
11352	Nil	58	34	1310	25	<5
11353	Nil	51	22	1250	49	<5
11354	Nil	56	44	1460	47	<5
11355	10/21	2	81	1040	73	<5
11356	38	48	48	1080	21	<5
11357	7	29	57	497	152	<5
11358	27		462	222	619	
11359	27		298	125	1880	
11360	21		179	103	943	
11361	24		440	218	535	
11362	Nil		94	300	66	
11363	Nil		50	383	42	
11364	Nil		113	561	49	
11365	Nil		131	301	78	
11366	Nil/Nil		13	32	35	
11367	Nil		215	271	40	
11368	Nil		128	119	49	
11369	Nil		107	143	47	
11370	Nil		62	151	33	
11407	Nil		248	51	109	
11408	Nil		80	36	87	
11409	14		465	58	258	
11410	Nil		557	45	177	
11411	Nil		182	46	48	
11412	Nil		145	51	96	
11413	Nil		107	48	79	
11414	Nil/Nil		152	50	73	
11415	Nil		167	43	44	
11416	14		464	50	127	

Certified by Lorna Hardie

P.O. Box 10, Swastika, Ontario P0K 1T0
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ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

44910 # Certificate of Analysis

KRL Resources Corp.
1022-470 Granville Street
Vancouver, British Columbia
V6C 1V5

February 20 92

Work Order # : 920061
Project : KNA

SAMPLE NUMBERS		Gold	Gold	
Accurassay	Customer	ppb	Oz/T	
254244	11305	<5	<0.001	
254245	11306	6	<0.001	
254246	11307	<5	<0.001	
254247	11308	<5	<0.001	
254248	11309	<5	<0.001	
254249	11310	5	<0.001	
254250	11311	<5	<0.001	
254251	11312	<5	<0.001	
254251	11312	<5	<0.001	Check

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44949

Certificate of Analysis

KRL Resources Corp.
1022-470 Granville St.
Vancouver, British Columbia
V6C 1V5

February 25 1992

Work Order # 920070
Project: KNA

SAMPLE NUMBER Accurassay	Customer		Gold ppb	Gold Oz/T
254358	11151		<5	<0.001
254359	11152		<5	<0.001
254360	11153		<5	<0.001
254361	11154		6	<0.001
254362	11155		6	<0.001
254363	11156		<5	<0.001
254364	11258		5	<0.001
254365	11259		<5	<0.001
254366	11260		<5	<0.001
254367	11261		<5	<0.001
254367	11261	check	<5	<0.001
254368	11262		<5	<0.001
254369	11263		<5	<0.001
254370	11264		<5	<0.001
254371	11265		<5	<0.001
254372	11266		<5	<0.001
254373	11267		<5	<0.001
254374	11272		<5	<0.001
254375	11285		<5	<0.001
254376	11289		6	<0.001
254376	11289	check	8	<0.001
254377	11291		<5	<0.001
254378	11292		<5	<0.001
254379	11294		<5	<0.001
254380	11295		9	<0.001
254381	11297		<5	<0.001
254382	11298		<5	<0.001
254383	11299		<5	<0.001
254384	11300		<5	<0.001
254385	11348		8	<0.001
254385	11348	check	10	<0.001
254386	11349		<5	<0.001
254386	11349	check	<5	<0.001

ASSOCIATION OF THE CHEMICAL PROFESSION OF ONTARIO
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CHEMIST

Per: G. Duncan

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KRL Resources Corp.
1022-470 Granville Street
Vancouver, British Columbia
V6C 1V5

February 21 92

Work Order # : 920062
Project : KNA

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
254252	11313	<5	<0.001	
254253	11314	<5	<0.001	
254254	11315	<5	<0.001	
254255	11316	7	<0.001	
254256	11317	<5	<0.001	
254257	11318	5	<0.001	
254258	11319	7	<0.001	
254259	11320	<5	<0.001	
254260	11321	<5	<0.001	
254261	11322	<5	<0.001	
254261	11322	<5	<0.001	Check
254262	11323	<5	<0.001	
254263	11324	<5	<0.001	
254264	11325	<5	<0.001	
254265	11326	9	<0.001	
254266	11327	22	0.001	
254267	11328	28	0.001	
254268	11329	14	<0.001	
254269	11330	8	<0.001	
254270	11331	10	<0.001	
254270	11331	9	<0.001	Check
254271	11332	8	<0.001	
254272	11333	7	<0.001	
254273	11334	5	<0.001	
254274	11335	5	<0.001	
254275	11336	9	<0.001	
254276	11337	29	0.001	
254277	11338	7	<0.001	
254278	11339	6	<0.001	
254279	11340	5	<0.001	
254279	11340	<5	<0.001	Check

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44912 # Certificate of Analysis

KRL Resources Corp.
1022-470 Granville Street
Vancouver, British Columbia
V6C 1V5

February 21 92

Work Order # : 920062
Project : KNA

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T
254280	11341	<5	<0.001
254281	11342	<5	<0.001
254282	11343	<5	<0.001
254283	11344	20	0.001
254284	11345	8	<0.001
254285	11346	5	<0.001
254286	11347	5	<0.001
254287	11348	Sample Missing	
254287	11348	Sample Missing	Check

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Certificate of Analysis

KRL Resources Corp.
1022-470 Granville St.
Vancouver, British Columbia
V6C 1V5

February 27 1992

Work Order # 920074
Project: KNA

SAMPLE NUMBER Accurassay	Customer		Gold ppb	Gold Oz/T
254448	11004		13	<0.001
254449	11005		5	<0.001
254450	11006		7	<0.001
254451	11007		46	0.001
254452	11008		3723	0.109
254453	11009		106	0.003
254454	11010		<5	<0.001
254455	11011		67	0.002
254456	11012		9	<0.001
254457	11013		<5	<0.001
254457	11013	check	<5	<0.001
254458	11014		<5	<0.001
254459	11015		5	<0.001
254460	11016		13	<0.001
254461	11017		<5	<0.001
254462	11018		16	<0.001
254463	11019		8	<0.001
254464	11020		113	0.003
254465	11021		29	0.001
254466	11022		1162	0.034
254466	11022	check	1070	0.031
254467	11023		21	0.001
254468	11024		9	<0.001
254469	11025		59	0.002
254470	11026		16	<0.001
254471	11027		43	0.001
254472	11028		199	0.006
254473	11029		30	0.001
254474	11030		338	0.010

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Per: G. Duncan

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44962 # Certificate of Analysis

KRL Resources Corp.
1022-470 Granville St.
Vancouver, British Columbia
V6C 1V5

February 27 1992

Work Order # 920074
Project: KNA

SAMPLE NUMBER Accurassay	Customer		Gold ppb	Gold Oz/T
254475	11031		224	0.007
254475	11031	check	217	0.006
254476	11032		144	0.004
254477	11033		63	0.002
254478	11034		43	0.001
254479	11035		130	0.004
254480	11036		29	0.001
254481	11037		740	0.022
254481	11037	check	762	0.022

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KRL Resources Corp.
1022-470 Granville St.
Vancouver, British Columbia
V6C 1V5

February 28 1992

Work Order # 920075
Project: KNA

SAMPLE NUMBER Accurassay	Customer		Gold ppb	Gold Oz/T
254482	11038		11	<0.001
254483	11039		11	<0.001
254484	11040		8	<0.001
254485	11041		8	<0.001
254486	11042		5	<0.001
254487	11043		<5	<0.001
254488	11044		156	0.005
254489	11045		703	0.021
254490	11046		60	0.002
254491	11047		132	0.004
254491	11047	check	162	0.005
254492	11048		199	0.006
254493	11049		1191	0.035
254494	11050		1554	0.045
254495	11051		91	0.003
254496	11052		23	0.001
254497	11053		261	0.008
254498	11054		92	0.003
254499	11055		60	0.002
254500	11056		38	0.001
254500	11056	check	42	0.001
254501	11057		548	0.016
254502	11058		9	<0.001
254503	11059		9	<0.001
254504	11060		<5	<0.001
254505	11061		5	<0.001
254506	11062		7	<0.001
254507	11063		<5	<0.001
254508	11064		12	<0.001
254509	11195		46	0.001
254509	11195	check	40	0.001

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CHEMIST

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Per: G. Duncan

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A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
BOX 426
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
TEL.: (705) 567-3361

President: Dr. GEORGE DUNCAN, M.Sc., Ph. D., C. Chem (Ont.), C. Chem (U.K.), M.C.I.C., M.R.S.C., A.R.C.S.T.

44966 # Certificate of Analysis

KRL Resources Corp.
1022-470 Granville St.
Vancouver, British Columbia
V6C 1V5

February 28 1992

Work Order # 920075
Project: KNA

SAMPLE NUMBER Accurassay	Customer		Gold ppb	Gold Oz/T
254510	11196		48	0.001
254511	11197		37	0.001
254512	11198		116	0.003
254513	11199		34	0.001
254514	11200		108	0.003
254514	11200	check	96	0.003

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Certificate of Analysis

KRL Resources Corp.
1022-470 Granville St.
Vancouver, British Columbia
V6C 1V5

February 26 1992

Work Order # 920071
Project: KNA

SAMPLE NUMBER Accurassay	Customer		Gold ppb	Gold Oz/T
254387	11001		14	<0.001
254388	11002		9	<0.001
254389	11003		9	<0.001
254390	11157		5	<0.001
254391	11158		8	<0.001
254392	11159		<5	<0.001
254393	11160		12	<0.001
254394	11161		35	0.001
254395	11162		31	0.001
254396	11163		5	<0.001
254396	11163	check	7	<0.001
254397	11164		88	0.003
254398	11165		5	<0.001
254399	11166		75	0.002
254400	11167		77	0.002
254401	11168		11	<0.001
254402	11169		6	<0.001
254403	11170		8	<0.001
254404	11171		10	<0.001
254405	11172		10	<0.001
254405	11172	check	10	<0.001
254406	11173		8	<0.001
254407	11174		15	<0.001
254408	11175		19	0.001
254409	11176		322	0.009
254410	11177		1304	0.038
254411	11178		141	0.004
254412	11179		394	0.012
254413	11180		253	0.007
254414	11181		23	0.001
254414	11181	check	18	0.001
254415	11182		23	0.001
254416	11183		7	<0.001
254416	11183	check	6	<0.001

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Certificate of Analysis

KRL Resources Corp.
1022-470 Granville St.
Vancouver, British Columbia
V6C 1V5

February 27 1992

Work Order # 920072
Project: KNA

SAMPLE NUMBER Accurassay	Customer		Gold ppb	Gold Oz/T
254417	11184		9	<0.001
254418	11185		<5	<0.001
254419	11186		<5	<0.001
254420	11187		<5	<0.001
254421	11188		<5	<0.001
254422	11189		6	<0.001
254423	11190		10	<0.001
254424	11191		<5	<0.001
254425	11192		<5	<0.001
254426	11193		8	<0.001
254426	11193	check	8	<0.001
254427	11194		<5	<0.001
254428	11238		10	<0.001
254429	11239		74	0.002
254430	11240		11	<0.001
254431	11241		5	<0.001
254432	11242		28	0.001
254433	11243		12	<0.001
254434	11244		8	<0.001
254435	11245		5	<0.001
254435	11245	check	<5	<0.001
254436	11246		<5	<0.001
254437	11247		<5	<0.001
254438	11248		9	<0.001
254439	11249		274	0.008
254440	11250		8	<0.001
254441	11350		8	<0.001
254441	11350	check	5	<0.001

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KRL Resources Corp.
1022-470 Granville St.
Vancouver, British Columbia
V6C 1V5

February 28 1992

Work Order # 920075A
Project: KNA

SAMPLE NUMBER Accurassay	Customer	Silver ppm	Copper ppm	Nickel ppm	Zinc ppm
254482	11038		58	98	170
254483	11039		70	96	110
254484	11040		71	90	71
254485	11041		63	97	64
254486	11042		130	110	62
254487	11043		110	96	62
254488	11044		28	41	110
254489	11045		38	42	110
254490	11046		34	48	88
254491	11047		35	43	67
254492	11048		38	54	92
254493	11049		60	49	80
254494	11050		56	50	90
254495	11051		56	53	94
254496	11052		42	45	72
254497	11053		50	52	68
254498	11054		62	56	90
254499	11055		50	48	77
254500	11056		58	46	63
254501	11057		120	120	67
254502	11058		72	150	60
254503	11059		36	180	74
254504	11060		40	180	54
254505	11061		45	300	56
254506	11062		78	470	61
254507	11063		37	300	43
254508	11064		56	410	51
254509	11195	2	570	460	3700
254510	11196	2	1100	540	6100
254511	11197	1	660	350	4700
254512	11198	1	480	440	5000
254513	11199	2	140	140	1500
254514	11200	2	700	260	6400

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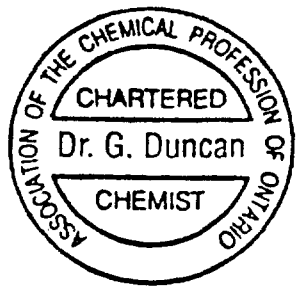
Certificate of Analysis

KRL Resources Corp.
1022-470 Granville St.
Vancouver, British Columbia
V6C 1V5

February 28 1992

Work Order # 920074A
Project: KNA

SAMPLE NUMBER Accurassay	Customer	Copper ppm	Nickel ppm	Zinc ppm
254448	11004	37	82	70
254449	11005	55	80	59
254450	11006	35	81	68
254451	11007	62	83	79
254452	11008	70	70	40
254453	11009	91	79	79
254454	11010	90	67	45
254455	11011	65	73	49
254456	11012	140	77	41
254457	11013	25	76	46
254458	11014	57	78	48
254459	11015	51	79	44
254460	11016	56	80	50
254461	11017	48	77	45
254462	11018	48	81	46
254463	11019	63	84	52
254464	11020	76	82	43
254465	11021	64	78	48
254466	11022	22	80	42
254467	11023	38	94	48
254468	11024	65	78	82
254469	11025	74	78	90
254470	11026	73	76	70
254471	11027	37	44	39
254472	11028	32	82	46
254473	11029	28	80	45
254474	11030	17	76	41
254475	11031	51	82	96
254476	11032	48	86	73
254477	11033	75	79	60
254478	11034	91	89	69
254479	11035	60	80	52
254480	11036	46	84	56
254481	11037	54	84	47



Per: G. Duncan

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Certificate of Analysis

KRL Resources Corp.
1022-470 Granville St.
Vancouver, British Columbia
V6C 1V5

February 26 1992

Work Order # 920071A
Project: KNA

SAMPLE NUMBER Accurassay	Customer	Copper ppm	Nickel ppm	Zinc ppm
254387	11001	140	62	79
254388	11002	130	71	74
254389	11003	59	90	65
254390	11157	85	74	140
254391	11158	140	77	160
254392	11159	130	63	100
254393	11160	94	64	150
254394	11161	140	56	170
254395	11162	110	63	110
254396	11163	150	73	130
254397	11164	180	71	130
254398	11165	170	81	180
254399	11166	140	72	110
254400	11167	150	74	120
254401	11168	230	140	180
254402	11169	120	83	130
254403	11170	140	71	140
254404	11171	130	70	130
254405	11172	230	130	220
254406	11173	120	81	120
254407	11174	100	79	120
254408	11175	110	88	130
254409	11176	83	140	98
254410	11177	65	160	66
254411	11178	120	73	44
254412	11179	160	64	59
254413	11180	84	70	39
254414	11181	280	70	110
254415	11182	180	68	120
254416	11183	100	91	130

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Per: G. Duncan

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Geochemical Analysis Certificate

2W-0152-RG1

Company: **KRL RESOURCES CORP.** Date: MAR-02-92
Project: KNA
Attn:

Copy 1. VANCOUVER
2. K. FILO

We hereby certify the following Geochemical Analysis of 50 CORE samples submitted FEB-12-92 by K. FILO.

Sample Number	Au PPB	Au check PPB	Ag PPM	Co PPM	Cu PPM	Ni PPM	Zn PPM	Pt PPB
7722	Nil				52	31	129	
7723	Nil	Nil			31	26	110	
7724	Nil				87	23	121	
7725	Nil				118	28	154	
7726	Nil				93	24	147	
7727	Nil				53	29	141	
7728	Nil				39	25	137	
7729	Nil				73	24	108	
7730	Nil				90	28	111	
7731	Nil				60	27	104	
7732	Nil				81	26	65	
7733	Nil				68	29	64	
7734	Nil				37	27	59	
7735	Nil				35	23	111	
7736	Nil				38	31	271	
7737	10	4			40	26	203	
7738	7				36	24	155	
7739	Nil				39	40	134	
7740	14				39	26	200	
7741	10				37	23	126	
7742	13				38	33	128	
7743	9				41	32	184	
7744	20		0.3		287	171	1400	
7745	32		0.5		702	313	7140	
7746	31		0.4		606	275	10400	
7747	Nil				151	54	497	
7760	453		1.5	57	756	271	5600	<5
7761	50			23	136	137	176	<5
7762	Nil	Nil		24	89	135	77	<5
7763	Nil			25	81	147	87	<5

Certified by Donna Gardner

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705)642-3300

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Geochemical Analysis Certificate

2W-0152-RG1

Company: KRL RESOURCES CORP. Date: MAR-02-92

Project: KNA Copy 1. VANCOUVER

Attn: 2. K. FILO

We hereby certify the following Geochemical Analysis of 50 CORE samples submitted FEB-12-92 by K. FILO.

Sample Number	Au PPB	Au check PPB	Ag PPM	Co PPM	Cu PPM	Ni PPM	Zn PPM	Pt PPB
7764	Nil			28	86	146	80	<5
7765	Nil			25	83	140	78	<5
7766	Nil			26	83	142	325	<5
7767	Nil			28	91	147	96	<5
7768	Nil			26	87	144	71	<5
7769	6			27	91	150	76	<5
7770	7			27	90	151	78	<5
7771	Nil	Nil		26	90	154	20	<5
7772	Nil			27	94	152	377	<5
7773	72		0.7	43	521	165	3800	<5
7774	46			27	283	148	673	<5
7775	Nil			26	167	146	159	<5
7776	Nil			29	103	147	104	<5
7777	Nil			25	84	149	84	<5
7778	Nil			27	91	161	206	<5
7779	Nil	Nil	0.3	25	106	173	1720	<5
7780	50		0.8	51	371	234	12400	<5
7781	Nil		0.2	32	179	61	1260	<5
7782	Nil			27	154	40	115	<5
7783	Nil			29	150	46	106	<5

Certified by Donna Gardner

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Geochemical Analysis Certificate

2W-0184-RG1

Company: KRL RESOURCES CORP
Project: KNA
Attn: K. FILO

Date: MAR-02-92

We hereby certify the following Geochemical Analysis of 30 CORE samples submitted FEB-17-92 by .

Sample Number	Au PPB	Ag PPM	Cu PPM	Ni PPM	Zn PPM
7751	31	0.9	968	619	7910
7752	41	0.9	1100	355	3300
7753	75	1.9	805	374	4560
7754	261	5.4	506	288	3740
7755	134/137	4.0	517	313	3980
7756	72	2.3	1500	597	7700
7757	206	1.4	724	424	5040
7758	106	2.2	1750	834	12600
7759	127	1.8	1550	576	8240
7784	7		153	39	120
7785	Nil		152	33	116
7786	7		142	38	87
11401	3		35	24	83
11402	Nil		46	29	106
11403	3		45	28	305
11404	Nil/Nil		51	22	154
11405	Nil		42	32	220
11406	Nil		41	31	161
11489	Nil		8	25	52
11490	Nil		15	36	49
11491	3		10	19	16
11492	Nil		12	33	47
11493	Nil		11	34	128
11494	Nil		7	24	59
11495	Nil/Nil		8	32	81
11496	Nil		31	30	112
11497	Nil		19	26	117
11498	Nil		17	28	120
11499	130		13	28	116
11500	Nil		50	24	83

Certified by Donna Gardner

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Geochemical Analysis Certificate

2W-0172-RG1

Company: **KRL RESOURCES**
Project: KNA
Attn: K. FILO

Date: MAR-02-92

We hereby certify the following Geochemical Analysis of 55 CORE samples submitted FEB-14-92 by .

Sample Number	Au PPB	Au check PPB	Ag PPM	Co PPM	Cu PPM	Ni PPM	Zn PPM	Pt PPB
7748	Nil			28	143	43	135	
7749	Nil			26	147	39	123	
7750	Nil			33	132	34	567	
7787	Nil			20	59	37	74	
7788	Nil			23	63	37	87	
7789	Nil			19	43	34	68	
7790	Nil			21	66	32	58	
7791	10			25	133	60	41	
7792	75			29	71	150	86	<5
7793	Nil			28	77	149	76	<5
7794	63			30	64	152	128	<5
7795	Nil			28	85	152	94	<5
7796	Nil			26	77	98	101	<5
7797	Nil			22	67	58	106	<5
7798	7			18	90	60	115	
7799	17			17	63	51	103	
7800	45		1.0	49	526	231	3120	
11451	120		2.5	106	1050	572	7400	
11452	106		2.1	100	1080	507	7630	
11453	27	24	0.5	58	297	321	1390	
11454	31			52	145	294	376	
11455	333			21	364	161	910	
11456	79			13	36	23	73	
11457	48			8	14	18	35	
11458	446			7	16	9	64	
11459	86			10	13	13	93	
11460	154			8	21	17	81	
11461	38	41		7	13	9	37	
11462	45			10	20	13	50	
11463	250			8	15	15	34	

Certified by Emma Jardon

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Geochemical Analysis Certificate

2W-0172-RG1

Company: KRL RESOURCES
Project: KNA
Attn: K. FILO

Date: MAR-02-92

We hereby certify the following Geochemical Analysis of 55 CORE samples submitted FEB-14-92 by .

Sample Number	Au PPB	Au check PPB	Ag PPM	Co PPM	Cu PPM	Ni PPM	Zn PPM	Pt PPB
11464	75			7	12	9	105	
11465	730			9	47	16	177	
11466	545	559	0.6	35	590	217	4480	
11467	41			27	96	182	652	
11468	7			27	97	161	156	
11469	27			28	173	172	208	
11470	137			31	264	157	1520	
11471	117			28	98	186	93	
11472	79			22	121	152	153	
11473	137		1.5	83	749	336	4920	
11474	89		1.3	111	615	332	3680	
11475	.343		3.2	134	1390	628	8440	
11476	103		1.9	107	1100	404	10600	
11477	2153	1954	1.0	54	213	253	2020	
11478	141			17	23	44	301	
11479	72			15	25	41	328	
11480	21			15	26	26	318	
11481	10			17	28	28	80	
11482	14			15	15	30	63	
11483	7			15	9	22	102	
11484	Nil			18	18	31	174	
11485	Nil			13	16	25	46	
11486	Nil			16	11	24	44	
11487	Nil			15	13	30	45	
11488	Nil			15	13	25	61	

Certified by Donna Hardner

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44918 # Certificate of Analysis

KRL Resources Corp.
1022-470 Granville Street
Vancouver, British Columbia
V6C 1V5

February 21 92

Work Order # : 920062
Project : KNA

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Nickel ppm	Zinc ppm
254283	11344	140	82	370
254284	11345	150	59	150
254285	11346	160	63	140
254286	11347	120	59	110
254287	11348	Sample Missing		

LF-30

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44951

Certificate of Analysis

KRL Resources Corp.
1022-470 Granville St.
Vancouver, British Columbia
V6C 1V5

February 25 1992

Work Order # 920070A
Project: KNA

SAMPLE NUMBER Accurassay	Customer	Copper ppm	Nickel ppm	Zinc ppm
254358	11151	40	740	20
254359	11152	28	500	29
254360	11153	67	720	23
254361	11154	50	600	26
254362	11155	65	240	20
254363	11156	64	420	21
254364	11258	240	530	61
254365	11259	71	420	38
254366	11260	77	520	32
254367	11261	92	430	100
254368	11262	76	340	38
254369	11263	66	200	43
254370	11264	33	200	30
254371	11265	83	270	31
254372	11266	76	230	31
254373	11267	66	510	33
254374	11272	50	90	88
254375	11285	58	1100	24
254376	11289	72	660	26
254377	11291	42	140	25
254378	11292	64	110	31
254379	11294	15	110	23
254380	11295	550	160	24
254381	11297	45	230	29
254382	11298	54	340	26
254383	11299	30	510	28
254384	11300	49	600	22
254385	11348	140	60	150
254386	11349	130	60	92

ASSOCIATION OF THE CHEMICAL PROFESSION OF ONTARIO
CHARTERED
Dr. G. Duncan
CHEMIST

LF-30

Per: G. Duncan

ORIGINAL

ACCURASSAY LABORATORIES

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Certificate of Analysis

KRL Resources Corp.
1022-470 Granville St.
Vancouver, British Columbia
V6C 1V5

February 25 1992

Work Order # 920069A
Project: KNA

SAMPLE NUMBER Accurassay	Customer	Copper ppm	Nickel ppm	Zinc ppm	Cobalt ppm
254336	11268	58	690	30	64
254337	11269	70	1000	40	82
254338	11270	33	500	27	55
254339	11271	58	800	30	75
254340	11273	44	750	35	74
254341	11274	50	110	26	30
254342	11275	46	190	24	34
254343	11276	47	580	24	64
254344	11277	60	830	20	79
254345	11278	31	1000	20	87
254346	11279	40	820	22	84
254347	11280	50	720	26	78
254348	11281	38	410	24	58
254349	11282	46	430	30	66
254350	11283	74	550	32	62
254351	11284	46	710	26	64
254352	11286	42	1100	17	86
254353	11287	59	520	16	54
254354	11288	52	540	15	69
254355	11290	69	120	98	37
254356	11293	26	120	33	28
254357	11296	48	340	35	40

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44952

Certificate of Analysis

KRL Resources Corp.
1022-470 Granville St.
Vancouver, British Columbia
V6C 1V5

February 25 1992

Work Order # 920069
Project: KNA

SAMPLE NUMBER Accurassay	Customer		Gold ppb	Gold Oz/T	Pt ppb
254336	11268		<5	<0.001	<15
254337	11269		5	<0.001	<15
254338	11270		14	<0.001	<15
254339	11271		5	<0.001	<15
254340	11273		<5	<0.001	<15
254341	11274		<5	<0.001	<15
254342	11275		<5	<0.001	<15
254343	11276		<5	<0.001	<15
254344	11277		<5	<0.001	<15
254345	11278		<5	<0.001	<15
254345	11278	check	6	<0.001	<15
254346	11279		6	<0.001	<15
254347	11280		<5	<0.001	<15
254348	11281		<5	<0.001	<15
254349	11282		<5	<0.001	<15
254350	11283		<5	<0.001	<15
254351	11284		17	<0.001	<15
254352	11286		<5	<0.001	<15
254353	11287		<5	<0.001	<15
254354	11288		5	<0.001	<15
254354	11288	check	<5	<0.001	<15
254355	11290		6	<0.001	<15
254356	11293		<5	<0.001	<15
254357	11296		<5	<0.001	<15
254357	11296	check	<5	<0.001	<15

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44909

Certificate of Analysis

KRL Resources Corp.
1022-470 Granville Street
Vancouver, British Columbia
V6C 1V5

February 20 97

Work Order # : 920061
Project : KNA

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
254216	11371	<5	<0.001	
254217	11372	<5	<0.001	
254218	11373	6	<0.001	
254219	11374	9	<0.001	
254220	11375	<5	<0.001	
254221	11376	7	<0.001	
254222	11377	5	<0.001	
254223	11378	<5	<0.001	
254224	11379	<5	<0.001	
254225	11380	8	<0.001	
254225	11390	8	<0.001	Check
254226	11381	12	<0.001	
254227	11382	8	<0.001	
254228	11383	15	<0.001	
254229	11384	8	<0.001	
254230	11385	41	0.001	
254231	11386	10	<0.001	
254232	11387	11	<0.001	
254233	11388	18	0.001	
254234	11389	7	<0.001	
254234	11389	7	<0.001	Check
254235	11390	<5	<0.001	
254236	11391	8	<0.001	
254237	11392	<5	<0.001	
254238	11393	7	<0.001	
254239	11394	79	0.002	
254240	11301	<5	<0.001	
254241	11302	7	<0.001	
254242	11303	<5	<0.001	
254243	11304	<5	<0.001	
254243	11304	<5	<0.001	Check

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Per: _____

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44913 # Certificate of Analysis

KRL Resources Corp.
1022-470 Granville Street
Vancouver, British Columbia
V6C 1V5

February 21 92

Work Order # : 920061
Project : KNA

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Nickel ppm	Zinc ppm
254216	11371	140	100	74
254217	11372	83	140	69
254218	11373	73	140	48
254219	11374	100	160	58
254220	11375	76	130	110
254221	11376	67	110	55
254222	11377	64	180	53
254223	11378	35	370	28
254224	11379	33	410	20
254225	11380	32	520	28
254226	11381	62	580	28
254227	11382	130	110	65
254228	11383	170	88	380
254229	11384	84	550	48
254230	11385	88	490	62
254231	11386	120	93	430
254232	11387	180	76	260
254233	11388	150	75	460
254234	11389	190	60	280
254235	11390	110	47	160
254236	11391	74	38	130
254237	11392	82	34	58
254238	11393	160	43	220
254239	11394	120	38	65
254240	11301	24	370	29
254241	11302	33	540	45
254242	11303	24	410	38
254243	11304	34	450	43
254244	11305	37	620	47
254245	11306	41	630	68
254246	11307	44	600	53

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Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

2W-0187-RG1

Company: KRL RESOURCES CORP
Project: KNA
Attn: K. FILO

Date: FEB-21-92

We hereby certify the following Geochemical Analysis of 64 CORE samples submitted FEB-18-92 by .

Sample Number	Au PPB	Co PPM	Cu PPM	Ni PPM	Zn PPM	Pt PPB
11417	21		45	36	42	
11418	Nil		121	38	61	
11419	Nil		471	45	89	
11420	Nil		131	59	42	
11421	Nil		102	335	65	
11422	Nil		83	76	68	
11423	Nil/Nil		96	61	90	
11424	Nil		133	320	81	
11425	Nil		109	339	66	
11426	45		165	39	196	
11427	Nil		37	38	75	
11428	Nil		100	77	407	
11429	10		41	1400	36	
11430	10		32	1550	19	
11431	7		36	1750	24	
11432	Nil		20	393	16	
11433	Nil/Nil	76	38	1310	37	
11434	Nil		39	1170	19	<5
11435	Nil		52	320	108	
11436	Nil		53	185	100	
11437	Nil		121	97	88	
11438	Nil		92	79	43	
11439	Nil	56	24	1100	25	
11440	Nil	73	13	1600	20	<5
11441	Nil		12	1730	17	<5
11442	Nil	66	49	1720	47	<5
11443	Nil	83	75	1740	24	<5
11444	Nil	45	48	972	82	<5
11445	Nil	41	39	863	35	<5
11446	Nil/Nil		36	161	78	

Certified by Donna Hardie

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 FAX (705) 642-3300

Established 1928

Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

2W-0187-RG1

Company: **KRL RESOURCES CORP** Date: FEB-21-92
Project: KNA
Attn: K. FILO

We hereby certify the following Geochemical Analysis of 64 CORE samples submitted FEB-18-92 by .

Sample Number	Au PPB	Co PPM	Cu PPM	Ni PPM	Zn PPM	Pt PPB
11447	17		151	256	305	
11448	21		112	198	395	
11449	Nil		161	71	1040	
11450	Nil	62	63	1170	69	<5

Certified by Sonia Handa

P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244. FAX (705) 642-3300

ACCURASSAY LABORATORIES

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44914 # Certificate of Analysis

KRL Resources Corp.
1022-470 Granville Street
Vancouver, British Columbia
V6C 1V5

February 21 92

Work Order # : 920061
Project : KNA

SAMPLE NUMBERS		Copper	Nickel	Zinc
Accurassay	Customer	ppm	ppm	ppm
254247	11308	32	650	53
254248	11309	40	500	42
254249	11310	40	550	50
254250	11311	32	420	39
254251	11312	44	580	39

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Per: _____

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ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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44917

Certificate of Analysis

KRL Resources Corp.
1022-470 Granville Street
Vancouver, British Columbia
V6C 1V5

February 21 92

Work Order # : 920062
Project : KNA

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Nickel ppm	Zinc ppm
254252	11313	27	550	47
254253	11314	51	550	34
254254	11315	28	440	34
254255	11316	30	440	53
254256	11317	39	820	70
254257	11318	30	640	58
254258	11319	32	490	140
254259	11320	33	650	51
254260	11321	44	310	67
254261	11322	54	350	62
254262	11323	41	400	53
254263	11324	52	390	54
254264	11325	83	520	130
254265	11326	120	89	950
254266	11327	190	150	1900
254267	11328	360	160	3200
254268	11329	100	58	370
254269	11330	120	68	340
254270	11331	120	77	370
254271	11332	120	71	460
254272	11333	190	88	780
254273	11334	48	42	180
254274	11335	76	63	260
254275	11336	150	71	360
254276	11337	360	140	3200
254277	11338	110	57	600
254278	11339	85	50	390
254279	11340	78	46	330
254280	11341	70	52	280
254281	11342	45	46	220
254282	11343	55	44	130

LF-30

Per: _____

FILE COPY

REPORT on GEOPHYSICAL SURVEYS

for

KRL RESOURCES CORP.

ARTHUR LAKE PROPERTY

NATAL & KNIGHT TOWNSHIPS, ONTARIO.

N.T.S.

41P/11

47° 42'N Latitude

81° 45'W Longitude

MARCH, 1992.

F.J.R. Syberg

Geophysicist

TABLE OF CONTENTS

These surveys include the following coverages with 100 meter line spacings:

South area - 6.84 line km.

Center area - 17.3 line km.

North area - 26.5 line km.

These surveys were digitized and entered into computer files for further analysis and incorporation into presentations and interpretations of reported geophysical surveys. This field work has previously been reported for assessment work purposes and in this respect only included in this report with reference to interpretational matters.

The amount of field work is summarized by Hussey Geophysical Inc., see APPENDIX "A". The break-down of this work is as follows:

Linecutting:

South area - 9.67 line km.

Center area - 21.7 line km.

North area - 45.85 line km.

TOTAL ..... 77.22 line km.

Total Magnetic Field:

South & Center area ..... 25.63 line km.

North area surveyed but not reported due to lack of anomalies.

INDUCED ELECTROMAGNETICS:

MaxMin HLEM ..... 65.49 line km.

VLF-EM:

Details line in Center area..... 2.8 line km.

The presentation of the field survey results consist of:

1) Government requirements
   i) Postings and profiles for HLEM and VLF-EM.
  ii) Contour plans for total magnetic fields.
 iii) Listings of Field Observations.
2) Corporate requirements
   i) Profiles for HLEM.
  ii) Contour plans for VLF-EM and total magnetic fields.

The interpretational results are displayed on separate plans. These are due to previous surveys and reported field survey results.

The VLF-EM stations used were:

1) Annapolis, Maryland - 21.4 kHz
2) Cutler, Maine - 24.0 kHz

The MaxMin HLEM frequencies used were:

1) Low - 444 Hz
2) High - 1777 Hz

The cable length for the general survey was 150 meters, and for detailing lines 100 meters.

DATA PREPARATIONS

Previously reported VLF-EM data due to the transmitter stations located in Cutler and Annapolis was key-entered into computer files. Whereas original dip angle measurements had been reported in units of percent slope, these were converted to dip angle degrees.

Appropriate computer programs were used to generate representations of the VLF-EM data whereby in particular the dip angle measurements could be filtered in directions perpendicular to the direction to the transmitter stations. The purpose of the filtering was to eliminate biases in observed field data, eliminate certain topographic effects and reduce survey grid bias distortions in contour plans.

All the horizontal loop data was analyzed establishing a datum for the in-phase and out-phase components. Appropriate adjustments were applied with the additive constants being 6.0% for the in-phase component and -1.0% for the out-phase component.

The total magnetic field data was diurnally corrected during field operations conducted Hussey Geophysical Inc. The contour plots of the magnetic data are submitted for field

observations and the 20 meter upward continuation. The purpose of the latter has been to provide a presentation of the total magnetic field with reduced impressions of near surface geological erratics and survey grid biases.

All profile and contour plans were draughted on a Hewlett-Packard digital plotter.

INTERPRETATIONS

The interpretations of the geophysical data are submitted on separate plans for each grid, excluding the North grid because no appropriate anomalies were observed in this area.

Arthur Lake South Area

A coincident HLEM and VLF-EM conductor is noted in the vicinity of 300-E from about 100-S to 700-S. A strong VLF-EM quadrature signature would indicate that this anomaly is due to massive suplhides, or a combination of massive sulphides with graphitic components. The total magnetic field in the vicinity of the above EM anomaly is relatively low suggesting a zoning in the underlying geological column towards sulphides as opposed towards oxides.

Other anomalies indicated in this area appear to be due to faults or contacts. A HLEM anomaly located on line 1300-S and 300-E coincides with fault/contact type VLF-EM anomaly. This anomaly is probably due to local concentrations of sulphides

along an above type of structure.

Arthur Lake Center Area

Two strong HLEM anomalies in the northwestern part of the survey coincide reasonably well with a VLF-EM anomaly. This configuration is strongly suggestive of a fold structure with strata coincident sulphide mineralization. This anomaly coincides with a relatively low total magnetic field.

A VLF-EM anomaly sub-parallel to survey lines 200-N and 100-N between stations 300-E and 700-E is coincident with a lake. Although no VLF-EM observations were made over the lake the dip angle and quadrature observations north and south of the lake clearly indicate an anomaly. Because of the survey line orientation this anomaly cannot be confirmed by the HLEM survey. This anomaly is suggestive of a low conductivity causative source in the geological column, perhaps high in silica and responding primarily to high frequency EM signals.

RECOMMENDATIONS

1) No further exploration is recommended in the North Area and west of the powerline.
2) South Area

   The EM anomalies located in the vicinity of 300-E from about 100-S to 700-S should be confirmed with vector SP (self potential). Subject to such confirmation an IP survey should be considered.

Similarly, the HLEM anomaly on line 1300-S at about 300-E warrants vector SP confirmation with the potential of considering an IP survey.

3) Center Area

The EM anomalies in the northwestern part of the survey area requires a vector SP survey in order to arrive at a better correlation between geophysical data and limited diamond hole logs. Subject to the results of a SP survey an IP survey and further diamond drilling should be considered.

The VLF-EM anomaly sub-paralleling lines 200-N and 100-N between stations 300-E and 700-E cannot be tested with exploration methods other than diamond drilling. Subject to further diamond drilling on the property it is recommended that this anomaly be drilled to determine the cause of the anomaly.

Respectfully submitted,

F. J. R. Syberg, Geophysicist

CERTIFICATE OF QUALIFICATION

I, F.J.R. Syberg, 2228 Franklin Street, Vancouver, B.C., hereby certify that:

1) I graduated from the University of British Columbia in 1967 having obtained a B.Sc. degree majoring in geophysics and geology.
2) I have practised my profession since graduation.
3) I have been engaged in mining exploration and production since 1956.
4) I am responsible for all computer programs used to process the field data.
5) I have no interest whatsoever in the property described herein or the securities of KRL Resources Corp.
6) I grant KRL Resources Corp. permission to use all data and information contained in this report as the company may see fit.

Dated at Vancouver, B.C. this_____ day of_____,1992.

_____

Fred J.R. Syberg, Geophysicist

APPENDIX 'A'

APPENDIX 'C'

CENTER AREA - VLF-EM Annapolis

Column	Contents
1	Line no.
2	Station no.
3	Relative x-coordinate
4	Relative y-coordinate
5	Dip Angle - degrees
6	Quadrature - percent

50-N	800E	800.0	50.0	-4.0	4
50-N	780E	780.0	50.0	-1.7	5
50-N	760E	760.0	50.0	-1.1	2
50-N	740E	740.0	50.0	.6	3
50-N	720E	720.0	50.0	2.9	1
50-N	700E	700.0	50.0	2.9	1
50-N	680E	680.0	50.0	4.0	1
50-N	660E	660.0	50.0	6.8	0
50-N	640E	640.0	50.0	9.6	2
50-N	620E	620.0	50.0	14.0	4
50-N	600E	600.0	50.0	11.3	2
50-N	580E	580.0	50.0	9.6	2
50-N	560E	560.0	50.0	8.5	2
50-N	540E	540.0	50.0	6.8	2
50-N	520E	520.0	50.0	6.3	2
50-N	500E	500.0	50.0	5.7	0
50-N	480E	480.0	50.0	4.0	2
50-N	460E	460.0	50.0	2.9	2
50-N	440E	440.0	50.0	2.3	2
50-N	420E	420.0	50.0	1.1	3
50-N	400E	400.0	50.0	-1.1	3
50-S	400E	400.0	-50.0	-1.1	2
50-S	420E	420.0	-50.0	-1.1	4
50-S	440E	440.0	-50.0	1.1	3
50-S	460E	460.0	-50.0	1.7	2
50-S	480E	480.0	-50.0	2.9	0
50-S	500E	500.0	-50.0	5.1	-1
50-S	520E	520.0	-50.0	5.7	11
50-S	540E	540.0	-50.0	5.7	1
50-S	560E	560.0	-50.0	6.8	0
50-S	580E	580.0	-50.0	8.5	2
50-S	600E	600.0	-50.0	9.1	3
50-S	620E	620.0	-50.0	8.5	2
50-S	640E	640.0	-50.0	9.1	2
50-S	660E	660.0	-50.0	8.5	4
50-S	680E	680.0	-50.0	6.3	4
50-S	700E	700.0	-50.0	2.3	4
50-S	720E	720.0	-50.0	-1.7	2
50-S	740E	740.0	-50.0	-4.0	1
50-S	760E	760.0	-50.0	-5.7	3
50-S	780E	780.0	-50.0	-5.7	4
50-S	800E	800.0	-50.0	-6.8	3
150-N	840E	840.0	150.0	-22.8	6
150-N	820E	820.0	150.0	-20.3	4
150-N	800E	800.0	150.0	-9.6	4
150-N	780E	780.0	150.0	5.7	4
150-N	760E	760.0	150.0	13.5	-1
150-N	740E	740.0	150.0	13.0	-4
150-N	720E	720.0	150.0	14.0	-4
150-N	700E	700.0	150.0	15.1	-1
150-N	680E	680.0	150.0	13.0	0
150-N	660E	660.0	150.0	13.5	3
150-N	640E	640.0	150.0	12.4	2
150-N	620E	620.0	150.0	12.4	5
150-N	600E	600.0	150.0	10.8	5

150-N	580E	580.0	150.0	7.4	2
150-N	560E	560.0	150.0	5.7	3
150-N	540E	540.0	150.0	4.0	1
150-N	520E	520.0	150.0	3.4	2
150-N	500E	500.0	150.0	4.6	7
150-N	480E	480.0	150.0	1.1	1
150-N	460E	460.0	150.0	2.3	0
150-N	440E	440.0	150.0	.0	3
150-N	420E	420.0	150.0	1.7	3
150-N	400E	400.0	150.0	-3.4	-2
250-N	820E	820.0	250.0	-27.5	4
250-N	800E	800.0	250.0	-24.2	1
250-N	780E	780.0	250.0	-20.8	1
250-N	760E	760.0	250.0	6.3	11
250-N	740E	740.0	250.0	16.7	10
250-N	720E	720.0	250.0	16.7	9
250-N	700E	700.0	250.0	15.1	8
250-N	680E	680.0	250.0	14.6	12
250-N	660E	660.0	250.0	11.3	11
250-N	640E	640.0	250.0	7.4	6
250-N	620E	620.0	250.0	6.8	7
250-N	600E	600.0	250.0	4.6	7
250-N	580E	580.0	250.0	4.0	5
250-N	560E	560.0	250.0	2.9	8
250-N	540E	540.0	250.0	2.9	8
250-N	520E	520.0	250.0	1.7	5
250-N	500E	500.0	250.0	-1.1	4
250-N	480E	480.0	250.0	-1.1	0
250-N	460E	460.0	250.0	-1.7	2
250-N	440E	440.0	250.0	-1.1	4
250-N	420E	420.0	250.0	-.6	5
250-N	400E	400.0	250.0	-2.3	5
350-N	820E	820.0	350.0	-21.8	2
350-N	800E	800.0	350.0	-21.8	3
350-N	780E	780.0	350.0	-22.3	1
350-N	760E	760.0	350.0	-6.8	2
350-N	740E	740.0	350.0	9.1	8
350-N	720E	720.0	350.0	8.5	8
350-N	700E	700.0	350.0	6.8	13
350-N	680E	680.0	350.0	5.7	10
350-N	660E	660.0	350.0	4.6	11
350-N	640E	640.0	350.0	2.3	8
350-N	620E	620.0	350.0	.0	8
350-N	600E	600.0	350.0	-1.1	6
350-N	580E	580.0	350.0	-1.7	6
350-N	560E	560.0	350.0	-2.9	4
350-N	540E	540.0	350.0	-1.7	4
350-N	520E	520.0	350.0	-3.4	8
350-N	500E	500.0	350.0	-1.1	4
350-N	480E	480.0	350.0	-1.1	5
350-N	460E	460.0	350.0	-.6	5
350-N	440E	440.0	350.0	.0	6
350-N	420E	420.0	350.0	.6	4
350-N	400E	400.0	350.0	.0	8
450-N	400E	400.0	450.0	1.7	8

450-N	420E	420.0	450.0	.6	8
450-N	440E	440.0	450.0	1.1	6
450-N	460E	460.0	450.0	-1.7	6
450-N	480E	480.0	450.0	-4.6	6
450-N	500E	500.0	450.0	-5.7	4
450-N	520E	520.0	450.0	-5.7	5
450-N	540E	540.0	450.0	-9.1	5
450-N	560E	560.0	450.0	-5.1	7
450-N	580E	580.0	450.0	-3.4	6
450-N	600E	600.0	450.0	-6.3	6
450-N	620E	620.0	450.0	-6.8	4
450-N	640E	640.0	450.0	-3.4	7
450-N	660E	660.0	450.0	-2.9	8
450-N	680E	680.0	450.0	-3.4	6
450-N	700E	700.0	450.0	-3.4	2
450-N	720E	720.0	450.0	-2.9	8
450-N	740E	740.0	450.0	-2.9	4
450-N	760E	760.0	450.0	-4.0	6
450-N	780E	780.0	450.0	-1.7	10
450-N	800E	800.0	450.0	-5.7	4
550-N	800E	800.0	550.0	1.1	6
550-N	780E	780.0	550.0	-.6	8
550-N	760E	760.0	550.0	-2.3	6
550-N	740E	740.0	550.0	-2.3	4
550-N	720E	720.0	550.0	-4.0	3
550-N	700E	700.0	550.0	-2.3	3
550-N	680E	680.0	550.0	-3.4	2
550-N	660E	660.0	550.0	-3.4	4
550-N	640E	640.0	550.0	-.6	6
550-N	620E	620.0	550.0	-3.4	6
550-N	600E	600.0	550.0	-4.0	4
550-N	580E	580.0	550.0	-7.4	2
550-N	560E	560.0	550.0	-7.4	4
550-N	540E	540.0	550.0	-6.3	4
550-N	520E	520.0	550.0	-6.8	5
550-N	500E	500.0	550.0	-5.7	4
550-N	480E	480.0	550.0	-3.4	6
550-N	460E	460.0	550.0	.6	6
550-N	440E	440.0	550.0	2.9	10
550-N	420E	420.0	550.0	4.0	10
550-N	400E	400.0	550.0	1.1	9

CENTER AREA - VLF-EM Cutler

Column	Contents
1	Line no.
2	Station no.
3	Relative x-coordinate
4	Relative y-coordinate
5	Dip Angle - degrees
6	Quadrature - percent

50-N	800E	800.0	50.0	2.9	16
50-N	780E	780.0	50.0	4.0	14
50-N	760E	760.0	50.0	8.5	12
50-N	740E	740.0	50.0	8.5	10
50-N	720E	720.0	50.0	8.0	6
50-N	700E	700.0	50.0	6.8	4
50-N	680E	680.0	50.0	8.5	4
50-N	660E	660.0	50.0	9.1	2
50-N	640E	640.0	50.0	9.1	4
50-N	620E	620.0	50.0	11.3	2
50-N	600E	600.0	50.0	11.3	4
50-N	580E	580.0	50.0	9.6	4
50-N	560E	560.0	50.0	8.5	4
50-N	540E	540.0	50.0	8.5	3
50-N	520E	520.0	50.0	6.8	6
50-N	500E	500.0	50.0	8.0	2
50-N	480E	480.0	50.0	5.7	3
50-N	460E	460.0	50.0	6.8	6
50-N	440E	440.0	50.0	8.5	6
50-N	420E	420.0	50.0	8.0	6
50-N	400E	400.0	50.0	6.8	6
50-S	400E	400.0	-50.0	4.6	5
50-S	420E	420.0	-50.0	4.6	6
50-S	440E	440.0	-50.0	4.6	6
50-S	460E	460.0	-50.0	4.6	4
50-S	480E	480.0	-50.0	5.7	2
50-S	500E	500.0	-50.0	6.3	-1
50-S	520E	520.0	-50.0	9.1	2
50-S	540E	540.0	-50.0	10.2	3
50-S	560E	560.0	-50.0	11.3	3
50-S	580E	580.0	-50.0	12.4	3
50-S	600E	600.0	-50.0	13.0	4
50-S	620E	620.0	-50.0	12.4	4
50-S	640E	640.0	-50.0	15.1	5
50-S	660E	660.0	-50.0	14.6	6
50-S	680E	680.0	-50.0	14.6	8
50-S	700E	700.0	-50.0	8.5	6
50-S	720E	720.0	-50.0	1.7	4
50-S	740E	740.0	-50.0	1.7	6
50-S	760E	760.0	-50.0	.6	10
50-S	780E	780.0	-50.0	-2.9	10
50-S	800E	800.0	-50.0	-3.4	11
50-S	820E	820.0	-50.0	-6.8	3
150-N	840E	840.0	150.0	-21.8	3
150-N	820E	820.0	150.0	-17.7	3
150-N	800E	800.0	150.0	-6.3	5
150-N	780E	780.0	150.0	4.0	4
150-N	760E	760.0	150.0	10.2	-1
150-N	740E	740.0	150.0	9.1	-3
150-N	720E	720.0	150.0	6.3	1
150-N	700E	700.0	150.0	2.3	1
150-N	680E	680.0	150.0	-4.0	1
150-N	660E	660.0	150.0	1.7	4
150-N	640E	640.0	150.0	2.9	3
150-N	620E	620.0	150.0	.0	2

200-S	55E	55.0	-200.0	3.0	1.0	4.0	.0
200-S	75E	75.0	-200.0	2.0	.0	3.0	1.0
200-S	95E	95.0	-200.0	2.0	1.0	2.0	.0
200-S	115E	115.0	-200.0	2.0	-2.0	1.0	-1.0
200-S	135E	135.0	-200.0	1.0	-1.0	2.0	4.0
200-S	155E	155.0	-200.0	-3.0	-2.0	-4.0	5.0
200-S	175E	175.0	-200.0	9.0	-10.0	.0	-12.0
200-S	195E	195.0	-200.0	16.0	-12.0	3.0	-16.0
200-S	215E	215.0	-200.0	-8.0	-9.0	-21.0	-13.0
200-S	235E	235.0	-200.0	-5.0	-8.0	-17.0	-13.0
200-S	255E	255.0	-200.0	-4.0	-6.0	-12.0	-11.0
200-S	275E	275.0	-200.0	-3.0	-4.0	-10.0	-9.0
200-S	295E	295.0	-200.0	-5.0	-4.0	-11.0	-9.0
200-S	315E	315.0	-200.0	-4.0	-3.0	-10.0	-11.0
200-S	335E	335.0	-200.0	-4.0	4.0	3.0	10.0
300-S	405E	405.0	-300.0	2.0	1.0	3.0	2.5
300-S	385E	385.0	-300.0	1.0	.0	2.0	2.5
300-S	365E	365.0	-300.0	.0	1.0	2.0	3.5
300-S	345E	345.0	-300.0	1.0	1.0	3.0	3.5
300-S	325E	325.0	-300.0	-2.0	-2.0	-4.0	-1.5
300-S	305E	305.0	-300.0	-2.0	-4.0	-5.0	-6.5
300-S	285E	285.0	-300.0	-2.0	-4.5	-8.0	-7.5
300-S	265E	265.0	-300.0	-2.5	-5.5	-8.0	-9.5
300-S	245E	245.0	-300.0	-0.5	-5.5	-7.0	-9.5
300-S	225E	225.0	-301.0	-2.0	-6.0	-8.0	-8.5
300-S	205E	205.0	-301.0	.0	-4.0	-3.0	-6.5
300-S	185E	185.0	-301.0	.1.0	-1.0	-1.0	-2.5
300-S	165E	165.0	-301.0	1.0	.0	1.0	3.5
300-S	145E	145.0	-301.0	.0	.0	1.0	3.5
300-S	125E	125.0	-301.0	.0	1.0	1.0	.5
300-S	105E	105.0	-301.0	.0	-2.0	1.0	-.5
300-S	85E	85.0	-301.0	1.0	-1.0	.0	-.5
300-S	65E	65.0	-301.0	1.0	-1.0	.0	-.5
300-S	45E	45.0	-301.0	.0	-1.0	-1.0	.5
300-S	25E	25.0	-301.0	-1.0	.0	-1.0	.5
300-S	5E	5.0	-301.0	-2.0	-1.0	-1.0	1.5
300-S	15W	-15.0	-301.0	1.0	.0	.0	1.5
400-S	25W	-25.0	-400.0	-1.0	.0	-1.0	1.5
400-S	5W	-5.0	-400.0	-2.0	-2.0	-1.0	1.5
400-S	15E	15.0	-400.0	-4.0	1.0	-4.0	1.5
400-S	35E	35.0	-400.0	-4.0	-3.0	-3.0	.5
400-S	55E	55.0	-400.0	-1.0	.0	-1.0	1.5
400-S	75E	75.0	-400.0	-3.0	.0	-2.0	1.5
400-S	95E	95.0	-400.0	1.0	.0	1.0	1.5
400-S	115E	115.0	-400.0	1.0	-2.0	2.0	1.5
400-S	135E	135.0	-400.0	2.0	-1.0	3.0	1.5
400-S	155E	155.0	-400.0	1.0	0.5	1.5	3.0
400-S	175E	175.0	-400.0	.0	0.0	0.5	4.5
400-S	195E	195.0	-400.0	0.0	1.0	2.0	3.0
400-S	215E	215.0	-400.0	-3.0	-6.5	-9.0	-10.0
400-S	235E	235.0	-400.0	-1.0	-5.5	-6.5	-9.5
400-S	255E	255.0	-400.0	.0	-5.0	-7.0	-9.0
400-S	275E	275.0	-401.0	-2.0	-5.0	-8.0	-9.5
400-S	295E	295.0	-401.0	-4.0	-5.0	-9.0	-8.5
400-S	315E	315.0	-401.0	-3.0	-5.0	-8.0	-8.5

400-S	335E	335.0	-401.0	-2.0	-5.0	-8.0	-10.5
400-S	355E	355.0	-401.0	2.0	-1.0	2.0	.5
400-S	375E	375.0	-401.0	4.0	1.0	8.0	5.5
400-S	395E	395.0	-401.0	8.0	1.0	12.0	4.5
400-S	415E	415.0	-401.0	7.0	.0	8.0	4.5
500-S	445E	445.0	-501.0	.0	1.0	7.0	4.5
500-S	425E	425.0	-501.0	1.0	1.0	4.0	4.5
500-S	405E	405.0	-501.0	2.0	2.0	5.0	5.5
500-S	385E	385.0	-501.0	3.0	1.0	5.0	3.5
500-S	365E	365.0	-501.0	-1.0	-4.0	-3.0	-3.5
500-S	345E	345.0	-501.0	-6.0	-8.0	-12.0	-9.5
500-S	325E	325.0	-501.0	-7.0	-8.0	-14.0	-10.5
500-S	305E	305.0	-500.0	-6.0	-9.5	-13.5	-10.5
500-S	285E	285.0	-500.0	-7.0	-8.5	-14.5	-10.5
500-S	265E	265.0	-500.0	-8.0	-7.0	-15.0	-10.5
500-S	245E	245.0	-500.0	-10.0	-8.0	-17.0	-8.5
500-S	225E	225.0	-500.0	-7.0	-5.0	-10.0	-6.5
500-S	205E	205.0	-500.0	-2.0	-3.0	-3.0	-.5
500-S	185E	185.0	-500.0	.0	.0	2.0	4.5
500-S	165E	165.0	-500.0	2.0	-2.0	1.0	3.5
500-S	145E	145.0	-500.0	2.0	.0	4.0	2.5
500-S	125E	125.0	-500.0	1.0	.0	4.0	2.5
500-S	105E	105.0	-500.0	-3.0	-1.0	-1.0	1.5
500-S	85E	85.0	-500.0	-3.0	.0	-3.0	1.5
500-S	65E	65.0	-500.0	-3.0	-1.0	-3.0	-.5
500-S	45E	45.0	-500.0	-2.0	-1.0	-2.0	.5
500-S	25E	25.0	-500.0	-3.0	-1.0	-3.0	.5
600-S	525E	525.0	-601.0	.0	.0	.0	.5
600-S	505E	505.0	-601.0	.0	-2.0	2.0	.5
600-S	485E	485.0	-601.0	2.0	.0	3.0	2.5
600-S	465E	465.0	-601.0	4.0	-1.0	5.0	1.5
600-S	445E	445.0	-601.0	1.0	.0	2.0	2.5
600-S	425E	425.0	-601.0	-1.0	.0	1.0	1.5
600-S	405E	405.0	-601.0	.0	-2.0	-1.0	-1.5
600-S	385E	385.0	-601.0	-1.0	.0	-2.0	1.5
600-S	365E	365.0	-601.0	1.0	.0	-2.0	3.5
600-S	345E	345.0	-601.0	1.0	1.0	-2.0	4.5
600-S	325E	325.0	-601.0	-1.0	-5.0	-4.0	-8.5
600-S	315E	315.0	-600.0	-1.0	-4.0	-4.0	-8.5
600-S	305E	305.0	-601.0	-2.5	-4.0	-6.0	-7.5
600-S	295E	295.0	-600.0	-1.0	-3.0	-5.0	-6.5
600-S	285E	285.0	-601.0	.0	-4.0	-3.0	-5.5
600-S	275E	275.0	-600.0	-1.0	-4.0	-3.0	-4.5
600-S	265E	265.0	-601.0	-1.5	-1.0	-3.0	-1.0
600-S	255E	255.0	-600.0	-1.0	.0	-1.0	2.5
600-S	235E	235.0	-600.0	1.0	.0	2.0	4.5
600-S	215E	215.0	-600.0	-1.0	-1.0	2.0	4.5
700-S	375E	375.0	-700.0	1.0	-1.5	-1.0	-3.5
700-S	355E	355.0	-700.0	.0	-.5	.0	-1.5
700-S	335E	335.0	-700.0	1.0	-.5	2.0	1.5
700-S	315E	315.0	-700.0	2.0	-.5	2.0	1.5
700-S	295E	295.0	-700.0	1.0	.5	3.0	.5
700-S	275E	275.0	-700.0	.0	.5	.0	1.5
700-S	255E	255.0	-700.0	-1.0	-.5	-1.0	1.5
700-S	235E	235.0	-700.0	1.0	.5	1.0	1.5

700-S	215E	215.0	-700.0	1.0	-1.5	2.0	.5
700-S	195E	195.0	-700.0	2.0	-1.5	2.0	1.5
700-S	175E	175.0	-700.0	3.0	.5	3.0	1.5
700-S	155E	155.0	-700.0	1.0	.5	1.0	1.5
700-S	135E	135.0	-700.0	-4.0	.5	-4.0	1.5
700-S	115E	115.0	-700.0	-5.0	-1.5	-4.0	1.5
700-S	95E	95.0	-700.0	-5.0	-.5	-5.0	.5
700-S	75E	75.0	-700.0	-3.0	.5	-4.0	.5
700-S	55E	55.0	-700.0	1.0	.5	2.0	.5
700-S	35E	35.0	-700.0	.0	-.5	1.0	.5
700-S	15E	15.0	-700.0	2.0	-1.5	1.0	.5
700-S	5W	-5.0	-700.0	1.0	-.5	3.0	-.5
700-S	25W	-25.0	-700.0	-1.0	-.5	.0	-1.5
700-S	45W	-45.0	-700.0	-2.0	.5	-1.0	.5
700-S	65W	-65.0	-700.0	.0	.5	-1.0	.5
800-S	145W	-145.0	-800.0	-2.0	.0	-2.0	-.5
800-S	125W	-125.0	-800.0	-2.0	-2.0	-3.0	-.5
800-S	105W	-105.0	-800.0	-3.0	-1.0	-3.0	-.5
800-S	85W	-85.0	-800.0	-2.0	-1.0	-1.0	-.5
800-S	65W	-65.0	-800.0	-2.0	-1.0	.0	-.5
800-S	45W	-45.0	-800.0	.0	.0	1.0	.5
800-S	25W	-25.0	-800.0	.0	-1.0	.0	-.5
800-S	5W	-5.0	-800.0	-1.0	1.0	-2.0	.5
800-S	15E	15.0	-800.0	-2.0	.0	-2.0	1.5
800-S	35E	35.0	-800.0	-3.0	.0	-3.0	1.5
800-S	55E	55.0	-800.0	-2.0	.0	-1.0	.5
800-S	75E	75.0	-800.0	-2.0	1.0	-2.0	.5
800-S	95E	95.0	-800.0	-1.0	.0	.0	1.5
800-S	115E	115.0	-800.0	-1.0	.0	.0	1.5
800-S	135E	135.0	-800.0	-1.0	.0	-2.0	.5
800-S	155E	155.0	-800.0	-1.0	.0	-2.0	.5
800-S	175E	175.0	-800.0	.0	.0	1.0	.5
800-S	195E	195.0	-800.0	1.0	.0	2.0	-.5
800-S	215E	215.0	-800.0	-1.0	.0	.0	.5
800-S	235E	235.0	-800.0	.0	.0	1.0	.5
800-S	255E	255.0	-800.0	1.0	.0	1.0	.5
800-S	275E	275.0	-800.0	1.0	.0	1.0	.5
800-S	295E	295.0	-800.0	1.0	.0	2.0	1.5
800-S	315E	315.0	-800.0	.0	.0	1.0	1.5
800-S	335E	335.0	-800.0	1.0	.0	2.0	.5
900-S	345E	345.0	-900.0	.0	.0	1.0	-.5
900-S	325E	325.0	-900.0	1.0	1.0	1.0	1.5
900-S	305E	305.0	-900.0	-1.0	.0	-1.0	3.5
900-S	285E	285.0	-900.0	-2.0	.0	-1.0	1.5
900-S	265E	265.0	-900.0	.0	.0	-1.0	.5
900-S	245E	245.0	-900.0	-1.0	.0	-2.0	1.5
900-S	225E	225.0	-900.0	.0	-1.0	.0	.5
900-S	205E	205.0	-900.0	.0	.0	1.0	-.5
900-S	185E	185.0	-900.0	.0	1.0	2.0	.5
900-S	165E	165.0	-900.0	.0	.0	1.0	-.5
900-S	145E	145.0	-900.0	.0	.0	1.0	-.5
900-S	125E	125.0	-900.0	.0	1.0	1.0	.5
900-S	105E	105.0	-900.0	.0	2.0	1.0	.5
900-S	85E	85.0	-900.0	.0	1.0	1.0	.5
900-S	65E	65.0	-900.0	.0	.0	1.0	.5

900-S	45E	45.0	-900.0	-2.0	1.0	-1.0	-.5
900-S	25E	25.0	-900.0	-2.0	1.0	-1.0	.5
900-S	5E	5.0	-900.0	-2.0	.0	-1.0	1.5
900-S	15W	-15.0	-900.0	-3.0	.0	-2.0	.5
900-S	35W	-35.0	-900.0	-1.0	.0	.0	.5
900-S	55W	-55.0	-900.0	1.0	1.0	2.0	.5
900-S	75W	-75.0	-900.0	-1.0	-1.0	-1.0	.5
900-S	95W	-95.0	-900.0	-2.0	-1.0	-1.0	1.5
900-S	115W	-115.0	-900.0	-2.0	-1.0	-1.0	.5
900-S	135W	-135.0	-900.0	-2.0	1.0	-2.0	1.5
900-S	155W	-155.0	-900.0	.0	-1.0	.0	1.5
900-S	175W	-175.0	-900.0	.0	.0	.0	.5
900-S	195W	-195.0	-900.0	.0	.0	-1.0	1.5
1300-S	455E	455.0	-1300.0	1.0	.0	1.0	.0
1300-S	435E	435.0	-1300.0	2.0	.0	2.0	1.0
1300-S	415E	415.0	-1300.0	1.0	1.0	1.0	2.0
1300-S	395E	395.0	-1300.0	.0	2.0	.0	2.0
1300-S	375E	375.0	-1300.0	-2.0	-2.0	-6.0	1.0
1300-S	355E	355.0	-1300.0	-2.0	-1.0	-2.0	-6.0
1300-S	335E	335.0	-1300.0	-4.0	-3.0	-7.0	-5.0
1300-S	315E	315.0	-1300.0	-4.0	-3.0	-9.0	-6.0
1300-S	295E	295.0	-1300.0	-4.0	-4.0	-10.0	-6.0
1300-S	275E	275.0	-1300.0	-5.0	-5.0	-12.0	-6.0
1300-S	255E	255.0	-1300.0	-5.0	-6.0	-14.0	-8.0
1300-S	245E	245.0	-1301.0	-6.0	-8.0	-16.0	-9.0
1300-S	235E	235.0	-1300.0	-7.0	-9.0	-21.0	-10.0
1300-S	225E	225.0	-1301.0	-7.0	-12.0	-22.0	-14.0
1300-S	215E	215.0	-1300.0	-4.0	-8.0	-17.0	-17.0
1300-S	205E	205.0	-1301.0	3.0	6.0	11.0	5.0
1300-S	185E	185.0	-1301.0	1.0	3.0	5.0	6.0
1300-S	165E	165.0	-1301.0	1.0	1.0	1.0	2.0
1300-S	145E	145.0	-1301.0	.0	.0	-1.0	1.0
1300-S	125E	125.0	-1301.0	-1.0	-1.0	-1.0	.0
1300-S	105E	105.0	-1301.0	.0	-1.0	.0	.0
1300-S	85E	85.0	-1301.0	1.0	-1.0	.0	.0
1300-S	65E	65.0	-1301.0	1.0	1.0	.0	1.0
1300-S	45E	45.0	-1301.0	-2.0	-1.0	-2.0	.0
1300-S	25E	25.0	-1301.0	.0	1.0	-1.0	-1.0
1300-S	5E	5.0	-1301.0	.0	-1.0	-1.0	-2.0
1300-S	15W	-15.0	-1301.0	1.0	.0	-1.0	-1.0
1300-S	35W	-35.0	-1301.0	.0	-1.0	.0	-1.0
1350-S	445E	445.0	-1350.0	1.0	.0	.0	1.5
1350-S	425E	425.0	-1350.0	.0	.0	1.0	.5
1350-S	405E	405.0	-1350.0	2.0	1.0	3.0	1.5
1350-S	385E	385.0	-1350.0	2.0	1.0	3.0	2.5
1350-S	365E	365.0	-1350.0	.0	-2.0	-3.0	-2.5
1350-S	345E	345.0	-1350.0	-4.0	-4.0	-8.0	-3.5
1350-S	325E	325.0	-1350.0	-2.0	-4.0	-8.0	-4.5
1350-S	305E	305.0	-1350.0	-4.0	-4.0	-9.0	-4.5
1350-S	285E	285.0	-1350.0	-4.0	-4.0	-11.0	-4.5
1350-S	265E	265.0	-1350.0	-4.0	-6.0	-11.0	-4.5
1350-S	245E	245.0	-1350.0	-5.0	-6.0	-13.0	-5.5
1350-S	225E	225.0	-1350.0	-2.0	-4.0	-7.0	-4.5
1350-S	205E	205.0	-1350.0	3.0	4.0	7.0	6.5
1350-S	185E	185.0	-1350.0	.0	2.0	1.0	4.5

1350-S	165E	165.0	-1350.0	.0	1.0	.0	2.5
1350-S	145E	145.0	-1350.0	3.0	.0	2.0	1.5

CENTER AREA - MaxMin HLEM Field Data

Column	Contents
1	Line no.
2	Station no.
3	Relative x-coordinate
4	Relative y-coordinate
5	In-phase %, 444 Hz
6	Out-phase %, 444 Hz
7	In-phase %, 1777 Hz
8	Out-phase %, 1777 Hz

0``	385W	-385.0	.0	-8.0	1.0	-3.0	2.0
0``	365W	-365.0	.0	-7.0	.0	-2.0	1.0
0``	345W	-345.0	.0	-3.0	2.0	-1.0	.0
0``	325W	-325.0	.0	-6.0	1.0	-3.0	2.0
0``	305W	-305.0	.0	-10.0	1.0	-1.0	1.0
0``	285W	-285.0	.0	-9.0	1.0	-3.0	.0
0``	265W	-265.0	.0	-9.0	.0	-3.0	.0
0``	245W	-245.0	.0	-8.0	-1.0	-4.0	.0
0``	225W	-225.0	.0	-9.0	-1.0	-3.0	-1.0
0``	205W	-205.0	.0	-4.0	.0	-2.0	.0
0``	185W	-185.0	.0	-4.0	.0	-1.0	.0
0``	165W	-165.0	.0	-5.0	.0	-2.0	2.0
0``	145W	-145.0	.0	-3.0	.0	-1.0	2.0
0``	125W	-125.0	.0	-4.0	.0	.0	1.0
0``	105W	-105.0	.0	-4.0	-1.0	.0	.0
0``	85W	-85.0	.0	-3.0	.0	1.0	-1.0
0``	65W	-65.0	.0	-1.0	.0	.0	-1.0
0``	45W	-45.0	.0	-2.0	1.0	-1.0	.0
0``	25W	-25.0	.0	-1.0	.0	-1.0	-1.0
0``	5W	-5.0	.0	-3.0	.0	-1.0	.0
0``	15E	15.0	.0	-1.0	.0	-1.0	.0
0``	35E	35.0	.0	-2.0	-1.0	.0	1.0
0``	55E	55.0	.0	-3.0	1.0	.0	2.0
0``	75E	75.0	.0	-2.0	2.0	-1.0	2.0
0``	95E	95.0	.0	-1.0	2.0	.0	3.0
0``	115E	115.0	.0	-1.0	.0	.0	.0
0``	135E	135.0	.0	-2.0	.0	-1.0	-1.0
0``	155E	155.0	.0	-2.0	-1.0	-2.0	-3.0
0``	175E	175.0	.0	-2.0	1.0	-3.0	-3.0
0``	195E	195.0	.0	-1.0	-2.0	-1.0	-3.0
0``	205E	205.0	.0	-1.0	-1.0	.0	-3.0
0``	225E	225.0	.0	.0	-1.0	1.0	-2.0
0``	245E	245.0	.0	-1.0	-1.0	-1.0	-1.0
0``	265E	265.0	.0	.0	.0	.0	.0
0``	285E	285.0	.0	-1.0	.0	1.0	2.0
0``	305E	305.0	.0	.0	-1.0	1.0	1.0
0``	325E	325.0	.0	1.0	1.0	2.0	2.0
0``	345E	345.0	.0	1.0	.0	2.0	1.0
0``	365E	365.0	.0	.0	.0	2.0	2.0
0``	385E	385.0	.0	.0	.0	.0	2.0
0``	405E	405.0	.0	1.0	1.0	2.0	2.0
0``	425E	425.0	.0	2.0	1.0	2.0	2.0
0``	445E	445.0	.0	2.0	.0	2.0	1.0
0``	465E	465.0	.0	2.0	.0	2.0	2.0
0``	485E	485.0	.0	2.0	1.0	2.0	2.0
0``	505E	505.0	.0	2.0	1.0	3.0	2.0
0``	525E	525.0	.0	2.0	.0	3.0	2.0
0``	545E	545.0	.0	2.0	1.0	3.0	2.0
0``	565E	565.0	.0	3.0	1.0	3.0	2.0
0``	585E	585.0	.0	2.0	1.0	2.0	1.0
0``	605E	605.0	.0	1.0	1.0	2.0	1.0
0``	625E	625.0	.0	1.0	.0	2.0	1.0
0``	645E	645.0	.0	2.0	.0	2.0	.0
0``	665E	665.0	.0	3.0	.0	4.0	.0
0``	685E	685.0	.0	3.0	.0	3.0	.0

0	705E	705.0	.0	2.0	-2.0	3.0	.0
0	725E	725.0	.0	2.0	-1.0	2.0	.0
100-N	745E	745.0	100.0	-1.0	1.0	-1.0	1.0
100-N	725E	725.0	100.0	1.0	1.0	2.0	1.0
100-N	705E	705.0	100.0	.0	-1.0	1.0	1.0
100-N	685E	685.0	100.0	1.0	-1.0	2.0	1.0
100-N	665E	665.0	100.0	1.0	1.0	2.0	1.0
100-N	645E	645.0	100.0	2.0	.0	3.0	1.0
100-N	625E	625.0	100.0	2.0	.0	3.0	1.0
100-N	605E	605.0	100.0	2.0	1.0	2.0	1.0
100-N	585E	585.0	100.0	2.0	1.0	2.0	1.0
100-N	565E	565.0	100.0	1.0	1.0	2.0	1.0
100-N	545E	545.0	100.0	1.0	.0	2.0	1.0
100-N	525E	525.0	100.0	1.0	.0	2.0	2.0
100-N	505E	505.0	100.0	1.0	.0	2.0	2.0
100-N	485E	485.0	100.0	.0	-1.0	2.0	1.0
100-N	465E	465.0	100.0	2.0	1.0	3.0	.0
100-N	445E	445.0	100.0	1.0	.0	2.0	2.0
100-N	425E	425.0	100.0	1.0	.0	2.0	.0
100-N	405E	405.0	100.0	1.0	2.0	3.0	1.0
100-N	385E	385.0	100.0	1.0	1.0	2.0	1.0
100-N	365E	365.0	100.0	1.0	1.0	2.0	2.0
100-N	345E	345.0	100.0	1.0	1.0	2.0	3.0
100-N	325E	325.0	100.0	1.0	2.0	2.0	4.0
100-N	305E	305.0	100.0	1.0	2.0	2.0	3.0
100-N	285E	285.0	100.0	2.0	1.0	3.0	1.0
100-N	265E	265.0	100.0	2.0	-3.0	2.0	-4.0
100-N	245E	245.0	100.0	1.0	-4.0	1.0	-5.0
100-N	225E	225.0	100.0	1.0	-3.0	1.0	-6.0
100-N	205E	205.0	100.0	1.0	-5.0	1.0	-7.0
100-N	185E	185.0	100.0	.0	-3.0	-10.0	-11.0
100-N	165E	165.0	100.0	-9.0	-7.0	-8.0	-13.0
100-N	145E	145.0	100.0	-3.0	-6.0	-3.0	-8.0
100-N	125E	125.0	100.0	.0	-1.0	-2.0	-6.0
100-N	105E	105.0	100.0	1.0	.0	2.0	-3.0
100-N	85E	85.0	100.0	1.0	.0	1.0	.0
100-N	65E	65.0	100.0	1.0	1.0	2.0	1.0
100-N	45E	45.0	100.0	.0	-1.0	1.0	-1.0
100-N	25E	25.0	100.0	1.0	1.0	3.0	-1.0
100-N	5E	5.0	100.0	.0	1.0	1.0	-1.0
100-N	15W	-15.0	100.0	.0	1.0	1.0	-1.0
100-N	35W	-35.0	100.0	-1.0	1.0	-1.0	-1.0
100-N	55W	-55.0	100.0	-1.0	1.0	-1.0	-1.0
100-N	75W	-75.0	100.0	-2.0	1.0	-1.0	-1.0
100-N	95W	-95.0	100.0	-2.0	1.0	-1.0	-3.0
100-N	115W	-115.0	100.0	-1.0	1.0	.0	-2.0
100-N	135W	-135.0	100.0	-1.0	-1.0	.0	-1.0
100-N	155W	-155.0	100.0	-2.0	1.0	1.0	-2.0
100-N	175W	-175.0	100.0	-3.0	1.0	1.0	-1.0
100-N	195W	-195.0	100.0	-1.0	-1.0	.0	-1.0
100-N	215W	-215.0	100.0	-1.0	1.0	2.0	-1.0
100-N	235W	-235.0	100.0	-1.0	.0	-1.0	-1.0
100-N	255W	-255.0	100.0	-4.0	-1.0	-5.0	-1.0
100-N	275W	-275.0	100.0	-6.0	1.0	-5.0	.0
100-N	295W	-295.0	100.0	-7.0	.0	-4.0	-2.0

100-N	315W	-315.0	100.0	-3.0	.0	-3.0	-4.0
100-N	325W	-325.0	100.0	-7.0	-3.0	-5.0	-4.0
100-N	345W	-345.0	100.0	-3.0	.0	-3.0	-3.0
100-N	365W	-365.0	100.0	-3.0	.0	-1.0	-2.0
100-N	385W	-385.0	100.0	-4.0	.0	-2.0	-3.0
200-N	385W	-385.0	200.0	.0	1.0	.0	-2.0
200-N	365W	-365.0	200.0	2.0	2.0	1.0	1.0
200-N	345W	-345.0	200.0	2.0	1.0	2.0	-1.0
200-N	325W	-325.0	200.0	-1.0	.0	.0	-1.0
200-N	305W	-305.0	200.0	-1.0	2.0	-2.0	-1.0
200-N	285W	-285.0	200.0	-3.0	-1.0	-3.0	-3.0
200-N	265W	-265.0	200.0	-1.0	1.0	1.0	-2.0
200-N	245W	-245.0	200.0	-1.0	1.0	.0	-1.0
200-N	225W	-225.0	200.0	1.0	.0	2.0	-3.0
200-N	205W	-205.0	200.0	.0	-1.0	1.0	.0
200-N	185W	-185.0	200.0	.0	.0	1.0	-1.0
200-N	165W	-165.0	200.0	1.0	.0	2.0	-2.0
200-N	145W	-145.0	200.0	2.0	1.0	.0	-1.0
200-N	125W	-125.0	200.0	.0	1.0	1.0	-2.0
200-N	105W	-105.0	200.0	1.0	.0	2.0	-2.0
200-N	85W	-85.0	200.0	3.0	-1.0	2.0	-1.0
200-N	65W	-65.0	200.0	2.0	1.0	2.0	-2.0
200-N	45W	-45.0	200.0	1.0	-1.0	.0	-3.0
200-N	25W	-25.0	200.0	.0	.0	1.0	-1.0
200-N	5W	-5.0	200.0	-2.0	1.0	-1.0	.0
200-N	15E	15.0	200.0	-1.0	1.0	-3.0	-1.0
200-N	25E	25.0	200.0	-2.0	-1.0	.0	-1.0
200-N	45E	45.0	200.0	-1.0	.0	.0	-1.0
200-N	65E	65.0	200.0	1.0	1.0	.0	-1.0
200-N	85E	85.0	200.0	1.0	.0	1.0	-1.0
200-N	105E	105.0	200.0	1.0	1.0	2.0	.0
200-N	125E	125.0	200.0	.0	.0	.0	1.0
200-N	145E	145.0	200.0	.0	1.0	.0	1.0
200-N	165E	165.0	200.0	-8.0	.0	-6.0	2.0
200-N	185E	185.0	200.0	-7.0	.0	-5.0	1.0
200-N	205E	205.0	200.0	-5.0	1.0	-2.0	-2.0
200-N	225E	225.0	200.0	1.0	1.0	3.0	1.0
200-N	245E	245.0	200.0	1.0	1.0	2.0	.0
200-N	265E	265.0	200.0	.0	-1.0	2.0	.0
200-N	285E	285.0	200.0	.0	1.0	.0	.0
200-N	305E	305.0	200.0	.0	-1.0	2.0	.0
200-N	325E	325.0	200.0	-1.0	.0	1.0	1.0
200-N	345E	345.0	200.0	.0	.0	1.0	1.0
200-N	365E	365.0	200.0	1.0	-1.0	1.0	1.0
200-N	385E	385.0	200.0	1.0	1.0	1.0	1.0
200-N	405E	405.0	200.0	1.0	.0	2.0	.0
200-N	425E	425.0	200.0	2.0	.0	2.0	.0
200-N	445E	445.0	200.0	1.0	1.0	2.0	.0
200-N	465E	465.0	200.0	1.0	2.0	3.0	1.0
200-N	485E	485.0	200.0	1.0	2.0	2.0	1.0
200-N	505E	505.0	200.0	1.0	1.0	.0	1.0
200-N	525E	525.0	200.0	.0	1.0	.0	1.0
200-N	545E	545.0	200.0	.0	-2.0	1.0	1.0
200-N	565E	565.0	200.0	2.0	1.0	2.0	1.0
200-N	585E	585.0	200.0	1.0	1.0	2.0	1.0

200-N	605E	605.0	200.0	.0	.0	2.0	2.0
200-N	625E	625.0	200.0	2.0	1.0	3.0	2.0
200-N	645E	645.0	200.0	2.0	.0	3.0	3.0
200-N	665E	665.0	200.0	2.0	1.0	4.0	2.0
200-N	685E	685.0	200.0	2.0	-1.0	4.0	3.0
200-N	705E	705.0	200.0	1.0	-2.0	.0	-1.0
200-N	725E	725.0	200.0	.0	-2.0	-2.0	-6.0
200-N	745E	745.0	200.0	-1.0	-3.0	-3.0	-8.0
300-N	745E	745.0	300.0	1.0	-1.0	-2.0	-2.0
300-N	725E	725.0	300.0	1.0	.0	4.0	-3.0
300-N	705E	705.0	300.0	1.0	-1.0	2.0	-2.0
300-N	685E	685.0	300.0	2.0	.0	2.0	1.0
300-N	665E	665.0	300.0	1.0	1.0	1.0	2.0
300-N	645E	645.0	300.0	2.0	1.0	3.0	2.0
300-N	625E	625.0	300.0	2.0	1.0	2.0	1.0
300-N	605E	605.0	300.0	3.0	1.0	3.0	2.0
300-N	585E	585.0	300.0	3.0	1.0	4.0	.0
300-N	565E	565.0	300.0	.0	2.0	2.0	1.0
300-N	545E	545.0	300.0	-1.0	1.0	2.0	1.0
300-N	525E	525.0	300.0	-1.0	1.0	7.0	.0
300-N	505E	505.0	300.0	5.0	.0	5.0	.0
300-N	485E	485.0	300.0	-1.0	1.0	.0	1.0
300-N	465E	465.0	300.0	-1.0	-1.0	2.0	.0
300-N	445E	445.0	300.0	.0	2.0	2.0	.0
300-N	425E	425.0	300.0	.0	1.0	2.0	.0
300-N	405E	405.0	300.0	1.0	1.0	1.0	1.0
300-N	385E	385.0	300.0	-1.0	1.0	-1.0	2.0
300-N	365E	365.0	300.0	.0	1.0	-1.0	5.0
300-N	345E	345.0	300.0	-1.0	2.0	-1.0	3.0
300-N	325E	325.0	300.0	-1.0	1.0	-1.0	.0
300-N	305E	305.0	300.0	-1.0	-1.0	.0	-2.0
300-N	285E	285.0	300.0	.0	-1.0	1.0	-3.0
300-N	265E	265.0	300.0	-1.0	2.0	1.0	-5.0
300-N	245E	245.0	300.0	-1.0	1.0	2.0	-1.0
300-N	225E	225.0	300.0	-1.0	.0	.0	-2.0
300-N	205E	205.0	300.0	-2.0	-1.0	-2.0	-2.0
300-N	185E	185.0	300.0	-1.0	1.0	-2.0	-1.0
300-N	165E	165.0	300.0	.0	.0	-1.0	1.0
300-N	145E	145.0	300.0	.0	1.0	-1.0	3.0
300-N	125E	125.0	300.0	.0	2.0	.0	3.0
300-N	105E	105.0	300.0	-1.0	.0	2.0	2.0
300-N	85E	85.0	300.0	.0	1.0	3.0	.0
300-N	65E	65.0	300.0	.0	1.0	3.0	.0
300-N	45E	45.0	300.0	1.0	2.0	2.0	1.0
300-N	25E	25.0	300.0	2.0	-1.0	2.0	.0
300-N	5E	5.0	300.0	1.0	1.0	.0	.0
300-N	15W	-15.0	300.0	1.0	2.0	1.0	-2.0
300-N	35W	-35.0	300.0	1.0	-1.0	2.0	-2.0
300-N	55W	-55.0	300.0	-4.0	-1.0	-1.0	-2.0
300-N	75W	-75.0	300.0	-4.0	.0	-2.0	-5.0
300-N	95W	-95.0	300.0	-3.0	.0	-1.0	-4.0
300-N	115W	-115.0	300.0	-4.0	-4.0	.0	-3.0
300-N	135W	-135.0	300.0	-3.0	-1.0	.0	.0
300-N	155W	-155.0	300.0	-3.0	1.0	-1.0	-1.0
300-N	175W	-175.0	300.0	11.0	1.0	.0	.0

300-N	195W	-195.0	300.0	-1.0	2.0	2.0	.0
300-N	215W	-215.0	300.0	-1.0	2.0	1.0	-1.0
300-N	235W	-235.0	300.0	-2.0	1.0	-2.0	.0
300-N	255W	-255.0	300.0	-3.0	.0	-1.0	-1.0
300-N	275W	-275.0	300.0	-3.0	1.0	-2.0	2.0
400-N	265W	-265.0	400.0	-1.0	3.0	2.0	.0
400-N	245W	-245.0	400.0	-2.0	2.0	.0	3.0
400-N	225W	-225.0	400.0	-2.0	3.0	2.0	1.0
400-N	205W	-205.0	400.0	-2.0	3.0	2.0	1.0
400-N	185W	-185.0	400.0	-2.0	2.0	1.0	2.0
400-N	165W	-165.0	400.0	-2.0	1.0	-1.0	-1.0
400-N	145W	-145.0	400.0	-2.0	-2.0	.0	-4.0
400-N	125W	-125.0	400.0	-2.0	-1.0	-3.0	-4.0
400-N	105W	-105.0	400.0	-2.0	-1.0	-4.0	-5.0
400-N	85W	-85.0	400.0	.0	1.0	-4.0	-4.0
400-N	65W	-65.0	400.0	-2.0	.0	-2.0	-1.0
400-N	45W	-45.0	400.0	-2.0	-1.0	.0	.0
400-N	25W	-25.0	400.0	-2.0	-1.0	1.0	2.0
400-N	5W	-5.0	400.0	-2.0	1.0	.0	3.0
400-N	25E	25.0	400.0	-2.0	2.0	.0	2.0
400-N	45E	45.0	400.0	-2.0	2.0	.0	2.0
400-N	65E	65.0	400.0	-1.0	.0	1.0	1.0
400-N	85E	85.0	400.0	-1.0	1.0	.0	1.0
400-N	105E	105.0	400.0	-1.0	-1.0	.0	2.0
400-N	125E	125.0	400.0	-1.0	.0	1.0	.0
400-N	145E	145.0	400.0	.0	2.0	2.0	1.0
400-N	165E	165.0	400.0	-2.0	1.0	.0	1.0
400-N	185E	185.0	400.0	-2.0	.0	-2.0	-1.0
400-N	205E	205.0	400.0	-1.0	.0	-1.0	-2.0
400-N	225E	225.0	400.0	1.0	.0	.0	-4.0
400-N	245E	245.0	400.0	.0	-1.0	2.0	-3.0
400-N	265E	265.0	400.0	1.0	.0	2.0	-3.0
400-N	285E	285.0	400.0	.0	.0	1.0	-1.0
400-N	305E	305.0	400.0	-1.0	1.0	.0	-1.0
400-N	325E	325.0	400.0	-2.0	.0	-2.0	-1.0
400-N	345E	345.0	400.0	-3.0	.0	-3.0	2.0
400-N	365E	365.0	400.0	-4.0	1.0	-4.0	3.0
400-N	385E	385.0	400.0	3.0	.0	-2.0	3.0
400-N	405E	405.0	400.0	.0	2.0	1.0	2.0
400-N	425E	425.0	400.0	.0	1.0	1.0	2.0
400-N	445E	445.0	400.0	1.0	-1.0	2.0	.0
400-N	465E	465.0	400.0	2.0	.0	3.0	.0
400-N	485E	485.0	400.0	2.0	1.0	3.0	.0
400-N	505E	505.0	400.0	2.0	2.0	2.0	.0
400-N	525E	525.0	400.0	1.0	-1.0	2.0	1.0
400-N	545E	545.0	400.0	.0	1.0	1.0	1.0
400-N	565E	565.0	400.0	1.0	.0	2.0	.0
400-N	585E	585.0	400.0	.0	.0	1.0	.0
400-N	605E	605.0	400.0	-1.0	.0	.0	.0
400-N	625E	625.0	400.0	.0	.0	.0	1.0
400-N	645E	645.0	400.0	-2.0	-1.0	-1.0	1.0
400-N	665E	665.0	400.0	.0	1.0	.0	2.0
400-N	685E	685.0	400.0	2.0	2.0	1.0	1.0
400-N	705E	705.0	400.0	1.0	1.0	2.0	.0
400-N	725E	725.0	400.0	.0	.0	3.0	-1.0

400-N	745E	745.0	400.0	2.0	.0	2.0	-1.0
400-N	765E	765.0	400.0	1.0	.0	3.0	-1.0
500-N	705E	705.0	500.0	.0	.0	1.0	1.0
500-N	685E	685.0	500.0	2.0	1.0	1.0	1.0
500-N	665E	665.0	500.0	1.0	.0	2.0	1.0
500-N	645E	645.0	500.0	1.0	-1.0	2.0	1.0
500-N	625E	625.0	500.0	.0	2.0	1.0	.0
500-N	605E	605.0	500.0	1.0	.0	7.0	.0
500-N	585E	585.0	500.0	.0	1.0	2.0	1.0
500-N	565E	565.0	500.0	-1.0	1.0	1.0	1.0
500-N	545E	545.0	500.0	-4.0	.0	.0	1.0
500-N	525E	525.0	500.0	-1.0	-1.0	-1.0	.0
500-N	505E	505.0	500.0	1.0	.0	2.0	-1.0
500-N	485E	485.0	500.0	.0	-1.0	.0	-1.0
500-N	465E	465.0	500.0	.0	.0	1.0	.0
500-N	445E	445.0	500.0	.0	1.0	1.0	.0
500-N	425E	425.0	500.0	.0	1.0	.0	.0
500-N	405E	405.0	500.0	.0	-1.0	.0	.0
500-N	385E	385.0	500.0	.0	1.0	1.0	1.0
500-N	365E	365.0	500.0	-1.0	1.0	.0	.0
500-N	345E	345.0	500.0	-2.0	1.0	-1.0	1.0
500-N	325E	325.0	500.0	-3.0	.0	-2.0	3.0
500-N	305E	305.0	500.0	-3.0	1.0	-3.0	2.0
500-N	285E	285.0	500.0	-2.0	1.0	-1.0	.0
500-N	265E	265.0	500.0	.0	1.0	1.0	.0
500-N	245E	245.0	500.0	.0	.0	2.0	.0
500-N	225E	225.0	500.0	2.0	1.0	2.0	-2.0
500-N	205E	205.0	500.0	.0	-1.0	.0	-2.0
500-N	185E	185.0	500.0	.0	1.0	-1.0	-2.0
500-N	165E	165.0	500.0	-1.0	1.0	-2.0	-2.0
500-N	145E	145.0	500.0	-2.0	.0	-2.0	-1.0
500-N	125E	125.0	500.0	-2.0	1.0	-2.0	-1.0
500-N	105E	105.0	500.0	-1.0	.0	-1.0	-1.0
500-N	85E	85.0	500.0	-1.0	1.0	-1.0	1.0
500-N	65E	65.0	500.0	-1.0	2.0	-1.0	1.0
500-N	45E	45.0	500.0	.0	.0	.0	2.0
500-N	25E	25.0	500.0	.0	3.0	1.0	.0
500-N	5E	5.0	500.0	-1.0	3.0	.0	1.0
500-N	15W	-15.0	500.0	-4.0	1.0	-1.0	3.0
500-N	35W	-35.0	500.0	-2.0	1.0	.0	-2.0
500-N	55W	-55.0	500.0	-2.0	.0	.0	.0
500-N	65W	-65.0	500.0	-2.0	1.0	-1.0	-1.0
500-N	85W	-85.0	500.0	-2.0	-1.0	.0	-1.0
500-N	105W	-105.0	500.0	-1.0	-1.0	-1.0	-4.0
500-N	125W	-125.0	500.0	-5.0	-3.0	-4.0	-6.0
500-N	145W	-145.0	500.0	-4.0	-3.0	-3.0	-3.0
500-N	165W	-165.0	500.0	-3.0	.0	-2.0	-3.0
500-N	185W	-185.0	500.0	-5.0	.0	1.0	-3.0
500-N	205W	-205.0	500.0	-8.0	.0	-1.0	2.0
500-N	225W	-225.0	500.0	-8.0	2.0	.0	1.0
500-N	245W	-245.0	500.0	-7.0	.0	.0	2.0
500-N	265W	-265.0	500.0	-4.0	3.0	2.0	.0
500-N	285W	-285.0	500.0	-2.0	1.0	-3.0	-2.0
500-N	305W	-305.0	500.0	-4.0	2.0	-1.0	7.0
500-N	325W	-325.0	500.0	-5.0	8.0	-4.0	3.0

500-N	345W	-345.0	500.0	-6.0	3.0	-4.0	.0
500-N	365W	-365.0	500.0	-4.0	.0	-5.0	-3.0
500-N	385W	-385.0	500.0	-6.0	-1.0	-5.0	-3.0
500-N	405W	-405.0	500.0	-3.0	-1.0	-3.0	-2.0
500-N	425W	-425.0	500.0	-6.0	-3.0	-5.0	-1.0
500-N	445W	-445.0	500.0	-6.0	-3.0	-4.0	-5.0
500-N	465W	-465.0	500.0	-7.0	-4.0	-6.0	-6.0
500-N	485W	-485.0	500.0	-7.0	-3.0	-5.0	-5.0
600-N	545W	-545.0	600.0	-21.0	-9.0	-16.0	-1.0
600-N	525W	-525.0	600.0	-14.0	-5.0	-14.0	-5.0
600-N	505W	-505.0	600.0	-13.0	-2.0	-12.0	-4.0
600-N	485W	-485.0	600.0	-13.0	-1.0	-14.0	-3.0
600-N	465W	-465.0	600.0	-11.0	-2.0	-10.0	-4.0
600-N	445W	-445.0	600.0	-7.0	-1.0	-5.0	-5.0
600-N	425W	-425.0	600.0	-6.0	-4.0	-6.0	-6.0
600-N	405W	-405.0	600.0	-2.0	-3.0	-1.0	-6.0
600-N	385W	-385.0	600.0	-4.0	-2.0	-4.0	6.0
600-N	365W	-365.0	600.0	-9.0	3.0	-7.0	-1.0
600-N	345W	-345.0	600.0	-9.0	1.0	-4.0	-4.0
600-N	325W	-325.0	600.0	-4.0	-1.0	.0	1.0
600-N	305W	-305.0	600.0	-4.0	1.0	-2.0	-1.0
600-N	285W	-285.0	600.0	-2.0	1.0	-3.0	-1.0
600-N	265W	-265.0	600.0	-3.0	1.0	-2.0	-2.0
600-N	245W	-245.0	600.0	-1.0	-2.0	-1.0	-4.0
600-N	225W	-225.0	600.0	-4.0	-1.0	-2.0	-3.0
600-N	205W	-205.0	600.0	-3.0	.0	-4.0	-3.0
600-N	185W	-185.0	600.0	-1.0	-1.0	-2.0	-2.0
600-N	165W	-165.0	600.0	-2.0	.0	-2.0	-1.0
600-N	145W	-145.0	600.0	-2.0	-2.0	-1.0	-1.0
600-N	125W	-125.0	600.0	-2.0	.0	.0	-3.0
600-N	105W	-105.0	600.0	.0	.0	.0	-1.0
600-N	85W	-85.0	600.0	-1.0	.0	-1.0	.0
600-N	65W	-65.0	600.0	.0	1.0	.0	2.0
600-N	45W	-45.0	600.0	-1.0	1.0	1.0	1.0
600-N	25W	-25.0	600.0	.0	.0	.0	1.0
600-N	5W	-5.0	600.0	-1.0	1.0	-1.0	1.0
600-N	25E	25.0	600.0	.0	.0	.0	.0
600-N	45E	45.0	600.0	.0	.0	.0	.0
600-N	65E	65.0	600.0	-1.0	1.0	-2.0	.0
600-N	85E	85.0	600.0	-1.0	1.0	.0	-1.0
600-N	105E	105.0	600.0	-2.0	.0	.0	-1.0
600-N	125E	125.0	600.0	-2.0	.0	-1.0	-2.0
600-N	145E	145.0	600.0	-3.0	-2.0	-3.0	-2.0
600-N	165E	165.0	600.0	-1.0	.0	-3.0	-2.0
600-N	185E	185.0	600.0	-3.0	-1.0	-4.0	-1.0
600-N	205E	205.0	600.0	-4.0	.0	-4.0	-1.0
600-N	225E	225.0	600.0	-4.0	.0	-3.0	-1.0
600-N	245E	245.0	600.0	-2.0	.0	-2.0	-1.0
600-N	265E	265.0	600.0	.0	.0	.0	.0
600-N	285E	285.0	600.0	.0	.0	.0	.0
600-N	305E	305.0	600.0	1.0	-1.0	.0	.0
600-N	325E	325.0	600.0	1.0	.0	1.0	.0
600-N	345E	345.0	600.0	1.0	.0	3.0	.0
600-N	365E	365.0	600.0	1.0	-1.0	.0	.0
600-N	385E	385.0	600.0	2.0	-2.0	1.0	-1.0

600-N	405E	405.0	600.0	1.0	.0	.0	-1.0
600-N	425E	425.0	600.0	.0	.0	.0	.0
600-N	445E	445.0	600.0	-1.0	.0	.0	-1.0
600-N	465E	465.0	600.0	.0	-1.0	-1.0	-1.0
600-N	485E	485.0	600.0	.0	-1.0	-1.0	-1.0
600-N	505E	505.0	600.0	.0	-1.0	1.0	-1.0
600-N	525E	525.0	600.0	.0	-1.0	.0	-1.0
600-N	545E	545.0	600.0	1.0	.0	1.0	-1.0
600-N	565E	565.0	600.0	1.0	-1.0	1.0	-1.0
600-N	585E	585.0	600.0	1.0	.0	1.0	.0
600-N	605E	605.0	600.0	2.0	.0	3.0	.0
600-N	625E	625.0	600.0	2.0	-1.0	2.0	.0
600-N	645E	645.0	600.0	2.0	-1.0	2.0	.0
600-N	665E	665.0	600.0	1.0	.0	2.0	.0
600-N	685E	685.0	600.0	1.0	.0	1.0	.0
600-N	705E	705.0	600.0	2.0	.0	2.0	.0
700-N	305E	305.0	700.0	1.0	.0	2.0	1.0
700-N	285E	285.0	700.0	2.0	1.0	3.0	3.0
700-N	265E	265.0	700.0	2.0	-1.0	3.0	3.0
700-N	245E	245.0	700.0	2.0	.0	3.0	4.0
700-N	225E	225.0	700.0	1.0	-2.0	3.0	5.0
700-N	205E	205.0	700.0	2.0	.0	2.0	5.0
700-N	185E	185.0	700.0	1.0	.0	3.0	5.0
700-N	165E	165.0	700.0	.0	1.0	1.0	4.0
700-N	145E	145.0	700.0	1.0	-2.0	1.0	4.0
700-N	125E	125.0	700.0	-2.0	.0	1.0	3.0
700-N	105E	105.0	700.0	-4.0	-1.0	-2.0	3.0
700-N	85E	85.0	700.0	-1.0	.0	.0	3.0
700-N	65E	65.0	700.0	.0	-1.0	.0	3.0
700-N	45E	45.0	700.0	-5.0	1.0	-1.0	4.0
700-N	25E	25.0	700.0	-4.0	.0	-1.0	3.0
700-N	5E	5.0	700.0	-3.0	.0	.0	4.0
700-N	15W	-15.0	700.0	-1.0	1.0	.0	3.0
700-N	35W	-35.0	700.0	-4.0	.0	.0	2.0
700-N	55W	-55.0	700.0	-2.0	.0	1.0	2.0
700-N	75W	-75.0	700.0	.0	1.0	2.0	4.0
700-N	95W	-95.0	700.0	-2.0	1.0	.0	6.0
700-N	105W	-105.0	700.0	-2.0	1.0	.0	6.0
700-N	125W	-125.0	700.0	-5.0	2.0	.0	4.0
700-N	145W	-145.0	700.0	-6.0	-1.0	-1.0	1.0
700-N	165W	-165.0	700.0	-5.0	-2.0	-4.0	1.0
700-N	185W	-185.0	700.0	3.0	.0	-5.0	.0
700-N	205W	-205.0	700.0	-7.0	.0	-3.0	1.0
700-N	225W	-225.0	700.0	-7.0	-1.0	-4.0	.0
700-N	245W	-245.0	700.0	-2.0	.0	-3.0	.0
700-N	265W	-265.0	700.0	-4.0	-1.0	-2.0	.0
700-N	285W	-285.0	700.0	-1.0	-2.0	-1.0	.0
700-N	305W	-305.0	700.0	.0	-1.0	1.0	.0
700-N	325W	-325.0	700.0	.0	.0	.0	1.0
700-N	345W	-345.0	700.0	.0	.0	1.0	1.0
700-N	365W	-365.0	700.0	-1.0	.0	-1.0	2.0
700-N	385W	-385.0	700.0	-1.0	-1.0	-2.0	.0
700-N	405W	-405.0	700.0	.0	-2.0	-1.0	.0
700-N	425W	-425.0	700.0	.0	-2.0	1.0	-4.0
700-N	445W	-445.0	700.0	.0	-4.0	.0	-2.0

700-N	465W	-465.0	700.0	1.0	-4.0	-1.0	-2.0
700-N	485W	-485.0	700.0	1.0	-3.0	1.0	-2.0
700-N	505W	-505.0	700.0	.0	-3.0	2.0	-1.0
800-N	505W	-505.0	800.0	-3.0	-2.0	-3.0	-3.0
800-N	485W	-485.0	800.0	-5.0	-2.0	-4.0	-5.0
800-N	465W	-465.0	800.0	-5.0	.0	-6.0	.0
800-N	445W	-445.0	800.0	-7.0	3.0	-3.0	1.0
800-N	425W	-425.0	800.0	-7.0	1.0	-7.0	-2.0
800-N	405W	-405.0	800.0	-3.0	1.0	-7.0	-1.0
800-N	385W	-385.0	800.0	-3.0	1.0	-1.0	-1.0
800-N	365W	-365.0	800.0	.0	1.0	5.0	.0
800-N	345W	-345.0	800.0	1.0	2.0	4.0	3.0
800-N	325W	-325.0	800.0	1.0	3.0	2.0	1.0
800-N	305W	-305.0	800.0	1.0	2.0	4.0	1.0
800-N	285W	-285.0	800.0	.0	3.0	1.0	1.0
800-N	265W	-265.0	800.0	-1.0	.0	.0	-2.0
800-N	245W	-245.0	800.0	-4.0	.0	-4.0	-2.0
800-N	225W	-225.0	800.0	-8.0	-1.0	-10.0	-6.0
800-N	205W	-205.0	800.0	-5.0	-2.0	-4.0	-6.0
800-N	185W	-185.0	800.0	-5.0	-2.0	-5.0	-7.0
800-N	165W	-165.0	800.0	-4.0	-2.0	-4.0	-6.0
800-N	145W	-145.0	800.0	-3.0	-2.0	-3.0	-2.0
800-N	125W	-125.0	800.0	-2.0	1.0	-2.0	-3.0
800-N	105W	-105.0	800.0	.0	3.0	1.0	.0
800-N	85W	-85.0	800.0	.0	1.0	.0	.0
800-N	65W	-65.0	800.0	-1.0	2.0	1.0	2.0
800-N	45W	-45.0	800.0	-1.0	3.0	.0	-9.0
800-N	25W	-25.0	800.0	.0	2.0	.0	.0
800-N	5W	-5.0	800.0	-1.0	1.0	1.0	1.0
800-N	15E	15.0	800.0	-1.0	-1.0	1.0	.0
800-N	35E	35.0	800.0	-2.0	.0	2.0	.0
800-N	55E	55.0	800.0	.0	2.0	1.0	-1.0
800-N	75E	75.0	800.0	.0	3.0	1.0	.0
800-N	95E	95.0	800.0	4.0	.0	5.0	1.0
800-N	115E	115.0	800.0	8.0	-1.0	9.0	.0
800-N	135E	135.0	800.0	.0	1.0	2.0	1.0
800-N	155E	155.0	800.0	.0	2.0	.0	2.0
800-N	175E	175.0	800.0	-1.0	2.0	.0	1.0
800-N	195E	195.0	800.0	-3.0	2.0	.0	1.0
800-N	215E	215.0	800.0	.0	2.0	.0	1.0
800-N	235E	235.0	800.0	-1.0	2.0	.0	1.0
800-N	255E	255.0	800.0	-2.0	1.0	-4.0	2.0
800-N	275E	275.0	800.0	-1.0	1.0	-2.0	1.0
800-N	295E	295.0	800.0	-1.0	1.0	-1.0	.0
800-N	315E	315.0	800.0	-1.0	.0	-1.0	1.0
800-N	335E	335.0	800.0	-1.0	2.0	-1.0	1.0
800-N	355E	355.0	800.0	-1.0	1.0	-1.0	-1.0
800-N	375E	375.0	800.0	.0	.0	1.0	-1.0
800-N	395E	395.0	800.0	.0	.0	1.0	-1.0
800-N	415E	415.0	800.0	.0	.0	1.0	2.0
900-N	385E	385.0	900.0	1.0	.0	-1.0	2.0
900-N	365E	365.0	900.0	11.0	.0	11.0	4.0
900-N	345E	345.0	900.0	1.0	.0	-1.0	3.0
900-N	325E	325.0	900.0	1.0	1.0	2.0	3.0
900-N	305E	305.0	900.0	.0	2.0	.0	2.0

900-N	285E	285.0	900.0	2.0	.0	1.0	2.0
900-N	265E	265.0	900.0	2.0	2.0	2.0	4.0
900-N	245E	245.0	900.0	-3.0	1.0	-2.0	2.0
900-N	225E	225.0	900.0	-2.0	1.0	-2.0	3.0
900-N	205E	205.0	900.0	-3.0	.0	-2.0	4.0
900-N	185E	185.0	900.0	-3.0	2.0	-3.0	5.0
900-N	165E	165.0	900.0	-3.0	2.0	-3.0	5.0
900-N	145E	145.0	900.0	-2.0	2.0	-1.0	6.0
900-N	125E	125.0	900.0	-3.0	2.0	-3.0	6.0
900-N	105E	105.0	900.0	-3.0	2.0	-2.0	6.0
900-N	85E	85.0	900.0	-2.0	2.0	-1.0	2.0
900-N	65E	65.0	900.0	-2.0	1.0	1.0	3.0
900-N	45E	45.0	900.0	6.0	2.0	6.0	3.0
900-N	25E	25.0	900.0	6.0	1.0	3.0	2.0
900-N	5E	5.0	900.0	-5.0	1.0	-4.0	1.0
900-N	15W	-15.0	900.0	-13.0	1.0	-13.0	2.0
900-N	35W	-35.0	900.0	-10.0	-1.0	-9.0	3.0
900-N	55W	-55.0	900.0	-5.0	4.0	-5.0	3.0
900-N	75W	-75.0	900.0	-5.0	2.0	-2.0	3.0
900-N	95W	-95.0	900.0	-4.0	4.0	3.0	4.0
900-N	115W	-115.0	900.0	-3.0	5.0	5.0	5.0
900-N	135W	-135.0	900.0	11.0	4.0	12.0	7.0
900-N	155W	-155.0	900.0	6.0	2.0	6.0	.0
900-N	175W	-175.0	900.0	-6.0	-12.0	-18.0	-11.0
900-N	195W	-195.0	900.0	-13.0	-11.0	-25.0	-10.0
900-N	215W	-215.0	900.0	-22.0	-13.0	-26.0	-14.0
900-N	235W	-235.0	900.0	-26.0	-12.0	-26.0	-13.0
900-N	255W	-255.0	900.0	-25.0	-12.0	-25.0	-10.0
900-N	275W	-275.0	900.0	-24.0	-7.0	-25.0	-7.0
900-N	295W	-295.0	900.0	-24.0	-6.0	-25.0	-4.0
900-N	305W	-305.0	900.0	-22.0	1.0	-20.0	-1.0
900-N	325W	-325.0	900.0	-16.0	-4.0	-14.0	-5.0
900-N	345W	-345.0	900.0	-12.0	-6.0	-12.0	-6.0
900-N	365W	-365.0	900.0	-5.0	-4.0	-7.0	-4.0
900-N	385W	-385.0	900.0	-4.0	-3.0	-4.0	-2.0
900-N	405W	-405.0	900.0	-3.0	-2.0	-4.0	-3.0
900-N	425W	-425.0	900.0	-2.0	-3.0	-2.0	-4.0
900-N	445W	-445.0	900.0	-1.0	.0	-3.0	-1.0
900-N	465W	-465.0	900.0	-1.0	.0	-2.0	-1.0
1000-N	445W	-445.0	1000.0	3.0	-2.0	5.0	-4.0
1000-N	425W	-425.0	1000.0	4.0	-7.0	10.0	-9.0
1000-N	405W	-405.0	1000.0	2.0	-9.0	-3.0	-11.0
1000-N	385W	-385.0	1000.0	-25.0	-11.0	-37.0	-13.0
1000-N	365W	-365.0	1000.0	-30.0	-10.0	-48.0	-9.0
1000-N	345W	-345.0	1000.0	-45.0	-8.0	-49.0	-11.0
1000-N	325W	-325.0	1000.0	-46.0	-6.0	-49.0	-8.0
1000-N	305W	-305.0	1000.0	-55.0	-8.0	-51.0	-8.0
1000-N	285W	-285.0	1000.0	-50.0	-8.0	-47.0	-9.0
1000-N	265W	-265.0	1000.0	-50.0	-15.0	-53.0	-15.0
1000-N	245W	-245.0	1000.0	-30.0	-20.0	-33.0	-20.0
1000-N	225W	-225.0	1000.0	15.0	5.0	15.0	-4.0
1000-N	205W	-205.0	1000.0	11.0	5.0	10.0	.0
1000-N	185W	-185.0	1000.0	12.0	8.0	14.0	7.0
1000-N	165W	-165.0	1000.0	9.0	5.0	8.0	2.0
1000-N	145W	-145.0	1000.0	8.0	5.0	7.0	2.0

1000-N	125W	-125.0	1000.0	6.0	3.0	4.0	1.0
1000-N	105W	-105.0	1000.0	4.0	3.0	2.0	.0
1000-N	85W	-85.0	1000.0	.0	3.0	-10.0	4.0
1000-N	65W	-65.0	1000.0	-9.0	3.0	-9.0	3.0
1000-N	45W	-45.0	1000.0	-10.0	3.0	-9.0	3.0
1000-N	25W	-25.0	1000.0	4.0	-2.0	-1.0	-1.0
1000-N	5W	-5.0	1000.0	.0	.0	3.0	42.0
1000-N	15E	15.0	1000.0	9.0	-1.0	5.0	-5.0
1000-N	35E	35.0	1000.0	7.0	1.0	9.0	-2.0
1000-N	55E	55.0	1000.0	5.0	2.0	3.0	-2.0
1000-N	75E	75.0	1000.0	.0	2.0	.0	.0
1000-N	95E	95.0	1000.0	-5.0	2.0	-3.0	.0
1000-N	115E	115.0	1000.0	-10.0	1.0	-8.0	3.0
1000-N	135E	135.0	1000.0	-5.0	4.0	-6.0	3.0
1000-N	155E	155.0	1000.0	2.0	3.0	.0	5.0
1000-N	175E	175.0	1000.0	9.0	3.0	5.0	4.0
1000-N	195E	195.0	1000.0	6.0	2.0	4.0	1.0
1000-N	215E	215.0	1000.0	5.0	2.0	2.0	5.0
1000-N	235E	235.0	1000.0	3.0	1.0	1.0	.0
1000-N	255E	255.0	1000.0	2.0	2.0	-2.0	2.0
1000-N	275E	275.0	1000.0	3.0	2.0	.0	1.0
1000-N	295E	295.0	1000.0	2.0	1.0	.0	.0
1100-N	85E	85.0	1100.0	-3.0	3.0	2.0	-3.0
1100-N	65E	65.0	1100.0	1.0	3.0	7.0	-1.0
1100-N	45E	45.0	1100.0	3.0	3.0	9.0	1.0
1100-N	25E	25.0	1100.0	2.0	5.0	12.0	1.0
1100-N	5E	5.0	1100.0	-1.0	2.0	5.0	1.0
1100-N	15W	-15.0	1100.0	-13.0	-4.0	-10.0	-5.0
1100-N	35W	-35.0	1100.0	-19.0	-2.0	-18.0	-5.0
1100-N	55W	-55.0	1100.0	-25.0	-2.0	-23.0	-3.0
1100-N	75W	-75.0	1100.0	-31.0	-4.0	-27.0	-4.0
1100-N	95W	-95.0	1100.0	-36.0	-3.0	-37.0	-4.0
1100-N	115W	-115.0	1100.0	-42.0	-6.0	-38.0	-5.0
1100-N	135W	-135.0	1100.0	-39.0	-4.0	-27.0	-7.0
1100-N	155W	-155.0	1100.0	-20.0	-3.0	-11.0	-5.0
1100-N	175W	-175.0	1100.0	1.0	2.0	2.0	-2.0
1100-N	195W	-195.0	1100.0	6.0	2.0	8.0	1.0
1100-N	215W	-215.0	1100.0	3.0	3.0	8.0	.0
1100-N	235W	-235.0	1100.0	1.0	10.0	8.0	8.0
1100-N	255W	-255.0	1100.0	-5.0	10.0	.0	7.0
1100-N	275W	-275.0	1100.0	1.0	11.0	5.0	5.0
1100-N	295W	-295.0	1100.0	3.0	6.0	10.0	1.0
1100-N	315W	-315.0	1100.0	3.0	3.0	5.0	-1.0
1100-N	325W	-325.0	1100.0	-6.0	4.0	-3.0	-1.0
1100-N	345W	-345.0	1100.0	-10.0	-1.0	-9.0	-4.0
1100-N	365W	-365.0	1100.0	-12.0	-3.0	-8.0	-5.0
1100-N	385W	-385.0	1100.0	-16.0	-6.0	-17.0	-7.0
1100-N	405W	-405.0	1100.0	-35.0	-9.0	-43.0	-8.0
1200-N	385W	-385.0	1200.0	-35.0	-18.0	-35.0	-18.0
1200-N	365W	-365.0	1200.0	-27.0	-16.0	-29.0	-12.0
1200-N	345W	-345.0	1200.0	2.0	-18.0	6.0	5.0
1200-N	325W	-325.0	1200.0	6.0	7.0	7.0	7.0
1200-N	305W	-305.0	1200.0	6.0	7.0	7.0	6.0
1200-N	285W	-285.0	1200.0	4.0	3.0	1.0	4.0
1200-N	265W	-265.0	1200.0	6.0	1.0	7.0	2.0

1200-N	245W	-245.0	1200.0	2.0	4.0	3.0	4.0
1200-N	225W	-225.0	1200.0	3.0	4.0	4.0	2.0
1200-N	205W	-205.0	1200.0	7.0	4.0	6.0	3.0
1200-N	185W	-185.0	1200.0	17.0	6.0	16.0	3.0
1200-N	165W	-165.0	1200.0	14.0	6.0	9.0	3.0
1200-N	145W	-145.0	1200.0	-3.0	-3.0	-9.0	-3.0
1200-N	125W	-125.0	1200.0	-35.0	-7.0	-36.0	-3.0
1200-N	105W	-105.0	1200.0	-50.0	-9.0	-46.0	-5.0
1200-N	85W	-85.0	1200.0	-55.0	-10.0	-50.0	-3.0
1200-N	65W	-65.0	1200.0	-46.0	-10.0	-47.0	-4.0
1200-N	45W	-45.0	1200.0	-47.0	-12.0	-46.0	-5.0
1200-N	25W	-25.0	1200.0	-43.0	-8.0	-45.0	-7.0
1200-N	5W	-5.0	1200.0	-40.0	-13.0	-40.0	-8.0
1200-N	15E	15.0	1200.0	-35.0	-12.0	-35.0	-6.0
1200-N	35E	35.0	1200.0	-20.0	-13.0	-30.0	-7.0
1200-N	55E	55.0	1200.0	-7.0	-7.0	-15.0	-8.0
1200-N	75E	75.0	1200.0	-4.0	.0	-6.0	2.0
1200-N	95E	95.0	1200.0	-5.0	2.0	-1.0	5.0
1200-N	115E	115.0	1200.0	-5.0	3.0	-1.0	6.0
1300-N	75W	-75.0	1300.0	-26.0	-11.0	-22.0	-10.0
1300-N	95W	-95.0	1300.0	-21.0	-13.0	-24.0	-11.0
1300-N	115W	-115.0	1300.0	-24.0	-12.0	-28.0	-9.0
1300-N	135W	-135.0	1300.0	-21.0	-10.0	-24.0	-7.0
1300-N	155W	-155.0	1300.0	-18.0	-4.0	-14.0	-5.0
1300-N	175W	-175.0	1300.0	-8.0	2.0	-7.0	3.0
1300-N	195W	-195.0	1300.0	5.0	7.0	7.0	6.0
1300-N	215W	-215.0	1300.0	12.0	8.0	9.0	8.0
1300-N	235W	-235.0	1300.0	8.0	6.0	6.0	6.0
1300-N	255W	-255.0	1300.0	7.0	6.0	5.0	5.0
1300-N	275W	-275.0	1300.0	5.0	3.0	3.0	4.0
1300-N	295W	-295.0	1300.0	4.0	1.0	1.0	1.0
1300-N	305W	-305.0	1300.0	2.0	2.0	4.0	-1.0
1300-N	325W	-325.0	1300.0	4.0	1.0	2.0	1.0

NORTH AREA - MaxMin HLEM Field Data

Column	Contents
1	Line no.
2	Station no.
3	Relative x-coordinate
4	Relative y-coordinate
5	In-phase %, 444 Hz
6	Out-phase %, 444 Hz
7	In-phase %, 1777 Hz
8	Out-phase %, 1777 Hz

0``	705E	705.0	.0	2.0	-1.0	3.0	2.0
0``	685E	685.0	.0	2.0	1.0	2.0	2.0
0``	665E	665.0	.0	3.0	.0	3.0	2.0
0``	645E	645.0	.0	3.0	-1.0	2.0	3.0
0``	625E	625.0	.0	2.0	1.0	3.0	3.0
0``	605E	605.0	.0	3.0	1.0	3.0	2.0
0``	585E	585.0	.0	3.0	1.0	3.0	3.0
0``	565E	565.0	.0	2.0	.0	2.0	2.0
0``	545E	545.0	.0	3.0	.0	2.0	2.0
0``	525E	525.0	.0	3.0	.0	3.0	2.0
0``	505E	505.0	.0	3.0	-1.0	2.0	2.0
0``	485E	485.0	.0	2.0	.0	2.0	3.0
0``	465E	465.0	.0	2.0	1.0	2.0	3.0
0``	445E	445.0	.0	2.0	.0	2.0	2.0
0``	425E	425.0	.0	2.0	.0	1.0	2.0
0``	405E	405.0	.0	3.0	.0	2.0	3.0
0``	385E	385.0	.0	2.0	1.0	2.0	2.0
0``	365E	365.0	.0	2.0	.0	1.0	1.0
0``	345E	345.0	.0	2.0	.0	1.0	2.0
0``	325E	325.0	.0	2.0	-1.0	1.0	2.0
0``	305E	305.0	.0	2.0	.0	.0	3.0
0``	285E	285.0	.0	2.0	1.0	.0	3.0
0``	265E	265.0	.0	2.0	.0	.0	2.0
0``	245E	245.0	.0	2.0	1.0	.0	2.0
0``	225E	225.0	.0	1.0	-1.0	1.0	2.0
0``	205E	205.0	.0	2.0	2.0	1.0	4.0
0``	185E	185.0	.0	1.0	.0	.0	3.0
0``	165E	165.0	.0	1.0	-1.0	.0	3.0
0``	145E	145.0	.0	.0	.0	.0	3.0
0``	125E	125.0	.0	1.0	1.0	.0	3.0
0``	105E	105.0	.0	.0	.0	.0	4.0
0``	85E	85.0	.0	.0	1.0	1.0	3.0
100-N	25W	-25.0	100.0	.0	.0	.0	.0
100-N	5W	-5.0	100.0	1.0	1.0	1.0	1.0
100-N	15E	15.0	100.0	.0	.0	.0	1.0
100-N	35E	35.0	100.0	.0	-1.0	.0	1.0
100-N	55E	55.0	100.0	.0	.0	.0	.0
100-N	75E	75.0	100.0	.0	-1.0	-1.0	1.0
100-N	95E	95.0	100.0	.0	-1.0	.0	2.0
100-N	105E	105.0	100.0	.0	-3.0	-1.0	3.0
100-N	125E	125.0	100.0	1.0	1.0	.0	2.0
100-N	145E	145.0	100.0	1.0	-1.0	1.0	2.0
100-N	165E	165.0	100.0	1.0	1.0	2.0	2.0
100-N	185E	185.0	100.0	3.0	1.0	2.0	3.0
100-N	205E	205.0	100.0	3.0	-1.0	3.0	3.0
100-N	225E	225.0	100.0	3.0	-1.0	3.0	3.0
100-N	245E	245.0	100.0	2.0	.0	2.0	3.0
100-N	265E	265.0	100.0	1.0	-1.0	.0	2.0
100-N	285E	285.0	100.0	.0	1.0	-1.0	3.0
100-N	305E	305.0	100.0	.0	1.0	-1.0	3.0
100-N	325E	325.0	100.0	.0	1.0	-1.0	2.0
100-N	335E	335.0	100.0	1.0	1.0	.0	2.0
100-N	355E	355.0	100.0	2.0	.0	.0	3.0
100-N	375E	375.0	100.0	1.0	.0	.0	2.0
100-N	395E	395.0	100.0	.0	.0	1.0	3.0

100-N	415E	415.0	100.0	1.0	.0	.0	3.0
100-N	435E	435.0	100.0	.0	.0	-1.0	2.0
100-N	455E	455.0	100.0	.0	.0	-1.0	2.0
100-N	475E	475.0	100.0	1.0	-1.0	.0	2.0
100-N	495E	495.0	100.0	1.0	.0	.0	2.0
100-N	515E	515.0	100.0	1.0	1.0	.0	2.0
100-N	535E	535.0	100.0	1.0	.0	.0	2.0
100-N	555E	555.0	100.0	1.0	.0	.0	1.0
100-N	575E	575.0	100.0	1.0	1.0	.0	2.0
100-N	595E	595.0	100.0	2.0	.0	2.0	2.0
100-N	615E	615.0	100.0	2.0	.0	1.0	2.0
100-N	635E	635.0	100.0	2.0	-1.0	1.0	2.0
100-N	655E	655.0	100.0	2.0	-2.0	2.0	2.0
100-N	675E	675.0	100.0	2.0	1.0	2.0	2.0
100-N	695E	695.0	100.0	2.0	2.0	2.0	2.0
100-N	715E	715.0	100.0	2.0	1.0	1.0	3.0
100-S	35E	35.0	-100.0	.0	.0	-1.0	2.0
100-S	55E	55.0	-100.0	1.0	.0	.0	2.0
100-S	75E	75.0	-100.0	1.0	.0	.0	3.0
100-S	95E	95.0	-100.0	1.0	.0	.0	3.0
100-S	115E	115.0	-100.0	1.0	1.0	.0	3.0
100-S	135E	135.0	-100.0	1.0	.0	.0	3.0
100-S	155E	155.0	-100.0	1.0	1.0	.0	3.0
100-S	175E	175.0	-100.0	1.0	.0	.0	2.0
100-S	195E	195.0	-100.0	.0	.0	.0	3.0
100-S	215E	215.0	-100.0	1.0	.0	.0	3.0
100-S	235E	235.0	-100.0	1.0	-1.0	1.0	3.0
100-S	255E	255.0	-100.0	1.0	.0	1.0	4.0
100-S	275E	275.0	-100.0	1.0	.0	.0	4.0
100-S	295E	295.0	-100.0	1.0	-1.0	.0	3.0
100-S	315E	315.0	-100.0	1.0	.0	1.0	3.0
100-S	335E	335.0	-100.0	1.0	.0	.0	3.0
100-S	355E	355.0	-100.0	1.0	.0	1.0	2.0
100-S	375E	375.0	-100.0	.0	.0	.0	2.0
100-S	395E	395.0	-100.0	1.0	.0	1.0	1.0
100-S	415E	415.0	-100.0	2.0	-1.0	3.0	2.0
100-S	435E	435.0	-100.0	2.0	-1.0	2.0	2.0
100-S	455E	455.0	-100.0	2.0	.0	1.0	3.0
100-S	475E	475.0	-100.0	2.0	-1.0	2.0	3.0
100-S	495E	495.0	-100.0	1.0	.0	2.0	4.0
100-S	515E	515.0	-100.0	2.0	1.0	1.0	3.0
100-S	535E	535.0	-100.0	1.0	1.0	2.0	3.0
100-S	555E	555.0	-100.0	2.0	.0	1.0	2.0
100-S	575E	575.0	-100.0	2.0	1.0	3.0	3.0
100-S	595E	595.0	-100.0	2.0	.0	3.0	2.0
100-S	615E	615.0	-100.0	3.0	-1.0	3.0	2.0
100-S	635E	635.0	-100.0	3.0	.0	1.0	2.0
100-S	655E	655.0	-100.0	3.0	1.0	1.0	3.0
200-N	765E	765.0	200.0	2.0	-1.0	.0	4.0
200-N	745E	745.0	200.0	2.0	.0	.0	4.0
200-N	725E	725.0	200.0	1.0	.0	.0	3.0
200-N	705E	705.0	200.0	.0	.0	.0	3.0
200-N	685E	685.0	200.0	1.0	.0	1.0	3.0
200-N	665E	665.0	200.0	1.0	1.0	.0	3.0
200-N	645E	645.0	200.0	.0	1.0	.0	3.0

200-N	625E	625.0	200.0	.0	.0	.0	2.0
200-N	605E	605.0	200.0	.0	-1.0	-1.0	2.0
200-N	585E	585.0	200.0	1.0	.0	.0	2.0
200-N	565E	565.0	200.0	.0	.0	.0	2.0
200-N	545E	545.0	200.0	.0	1.0	.0	2.0
200-N	525E	525.0	200.0	2.0	1.0	1.0	3.0
200-N	505E	505.0	200.0	1.0	.0	.0	3.0
200-N	485E	485.0	200.0	2.0	.0	.0	2.0
200-N	465E	465.0	200.0	2.0	1.0	.0	2.0
200-N	445E	445.0	200.0	2.0	.0	1.0	1.0
200-N	425E	425.0	200.0	2.0	.0	1.0	2.0
200-N	405E	405.0	200.0	1.0	1.0	1.0	3.0
200-N	385E	385.0	200.0	2.0	-2.0	.0	3.0
200-N	365E	365.0	200.0	2.0	-2.0	.0	1.0
200-N	345E	345.0	200.0	2.0	.0	1.0	1.0
200-N	325E	325.0	200.0	2.0	.0	2.0	1.0
200-N	305E	305.0	200.0	2.0	-1.0	3.0	2.0
200-N	285E	285.0	200.0	2.0	.0	2.0	2.0
200-N	265E	265.0	200.0	2.0	.0	2.0	2.0
200-N	245E	245.0	200.0	2.0	.0	2.0	2.0
200-N	225E	225.0	200.0	1.0	-2.0	.0	3.0
200-N	205E	205.0	200.0	1.0	2.0	1.0	5.0
200-N	185E	185.0	200.0	1.0	.0	2.0	3.0
200-N	165E	165.0	200.0	1.0	1.0	.0	2.0
200-N	145E	145.0	200.0	1.0	-1.0	1.0	3.0
200-N	125E	125.0	200.0	2.0	1.0	2.0	3.0
200-N	105E	105.0	200.0	1.0	.0	1.0	3.0
200-N	85E	85.0	200.0	2.0	.0	.0	1.0
200-N	65E	65.0	200.0	3.0	.0	1.0	1.0
200-N	45E	45.0	200.0	2.0	.0	.0	1.0
200-N	25E	25.0	200.0	1.0	1.0	.0	1.0
200-N	5E	5.0	200.0	1.0	1.0	.0	1.0
200-N	15W	-15.0	200.0	1.0	1.0	.0	1.0
200-N	35W	-35.0	200.0	.0	.0	-1.0	2.0
200-N	55W	-55.0	200.0	.0	1.0	-1.0	2.0
200-N	75W	-75.0	200.0	-1.0	1.0	-2.0	3.0
200-N	95W	-95.0	200.0	1.0	2.0	.0	2.0
200-N	115W	-115.0	200.0	1.0	1.0	1.0	3.0
200-S	625E	625.0	-200.0	2.0	2.0	1.0	3.0
200-S	605E	605.0	-200.0	1.0	.0	.0	3.0
200-S	585E	585.0	-200.0	1.0	.0	.0	3.0
200-S	565E	565.0	-200.0	2.0	.0	.0	2.0
200-S	545E	545.0	-200.0	1.0	2.0	.0	2.0
200-S	525E	525.0	-200.0	.0	.0	.0	3.0
200-S	505E	505.0	-200.0	1.0	.0	-1.0	4.0
200-S	485E	485.0	-200.0	2.0	1.0	.0	2.0
200-S	465E	465.0	-200.0	1.0	.0	.0	3.0
200-S	445E	445.0	-200.0	1.0	-1.0	1.0	3.0
200-S	425E	425.0	-200.0	1.0	.0	.0	3.0
200-S	405E	405.0	-200.0	1.0	-1.0	2.0	2.0
200-S	385E	385.0	-200.0	2.0	-1.0	2.0	2.0
200-S	365E	365.0	-200.0	2.0	-1.0	1.0	2.0
200-S	345E	345.0	-200.0	2.0	1.0	1.0	2.0
200-S	325E	325.0	-200.0	2.0	1.0	1.0	2.0
200-S	305E	305.0	-200.0	3.0	.0	3.0	3.0

200-S	285E	285.0	-200.0	3.0	.0	2.0	2.0
200-S	265E	265.0	-200.0	2.0	-1.0	2.0	3.0
200-S	245E	245.0	-200.0	1.0	.0	1.0	3.0
200-S	225E	225.0	-200.0	2.0	.0	.0	4.0
200-S	205E	205.0	-200.0	2.0	1.0	1.0	2.0
200-S	185E	185.0	-200.0	1.0	-1.0	.0	3.0
200-S	165E	165.0	-200.0	1.0	-1.0	.0	3.0
200-S	145E	145.0	-200.0	1.0	.0	.0	3.0
200-S	125E	125.0	-200.0	1.0	-1.0	.0	2.0
200-S	105E	105.0	-200.0	1.0	.0	.0	2.0
200-S	85E	85.0	-200.0	1.0	.0	.0	.0
200-S	65E	65.0	-200.0	1.0	-1.0	.0	1.0
200-S	45E	45.0	-200.0	2.0	.0	.0	.0
200-S	25E	25.0	-200.0	2.0	-2.0	1.0	1.0
200-S	5E	5.0	-200.0	2.0	-2.0	1.0	-1.0
300-N	295W	-295.0	300.0	1.0	1.0	-1.0	5.0
300-N	275W	-275.0	300.0	1.0	1.0	-1.0	5.0
300-N	255W	-255.0	300.0	.0	1.0	-1.0	5.0
300-N	235W	-235.0	300.0	.0	1.0	2.0	6.0
300-N	215W	-215.0	300.0	3.0	2.0	3.0	7.0
300-N	195W	-195.0	300.0	2.0	2.0	3.0	7.0
300-N	175W	-175.0	300.0	2.0	.0	3.0	2.0
300-N	155W	-155.0	300.0	3.0	.0	2.0	3.0
300-N	125W	-125.0	300.0	3.0	1.0	3.0	2.0
300-N	105W	-105.0	300.0	2.0	.0	3.0	2.0
300-N	85W	-85.0	300.0	1.0	.0	1.0	2.0
300-N	65W	-65.0	300.0	.0	1.0	2.0	2.0
300-N	45W	-45.0	300.0	1.0	-2.0	.0	1.0
300-N	25W	-25.0	300.0	1.0	-1.0	.0	2.0
300-N	5W	-5.0	300.0	1.0	-1.0	.0	2.0
300-N	15E	15.0	300.0	1.0	1.0	1.0	2.0
300-N	35E	35.0	300.0	1.0	.0	1.0	2.0
300-N	55E	55.0	300.0	1.0	.0	.0	2.0
300-N	75E	75.0	300.0	1.0	1.0	2.0	2.0
300-N	95E	95.0	300.0	2.0	.0	3.0	1.0
300-N	115E	115.0	300.0	3.0	-1.0	3.0	1.0
300-N	135E	135.0	300.0	2.0	1.0	2.0	2.0
300-N	155E	155.0	300.0	2.0	1.0	1.0	4.0
300-N	175E	175.0	300.0	1.0	1.0	1.0	3.0
300-N	195E	195.0	300.0	1.0	.0	1.0	2.0
300-N	215E	215.0	300.0	1.0	-1.0	2.0	-5.0
300-N	235E	235.0	300.0	1.0	.0	1.0	2.0
300-N	255E	255.0	300.0	1.0	.0	.0	2.0
300-N	275E	275.0	300.0	1.0	.0	.0	2.0
300-N	295E	295.0	300.0	1.0	.0	.0	.0
300-N	315E	315.0	300.0	2.0	.0	.0	1.0
300-N	335E	335.0	300.0	1.0	1.0	.0	2.0
300-N	355E	355.0	300.0	1.0	1.0	.0	1.0
300-N	375E	375.0	300.0	1.0	1.0	.0	1.0
300-N	395E	395.0	300.0	1.0	.0	1.0	2.0
300-N	415E	415.0	300.0	2.0	.0	1.0	1.0
300-N	435E	435.0	300.0	2.0	.0	1.0	2.0
300-N	455E	455.0	300.0	2.0	-1.0	1.0	3.0
300-N	475E	475.0	300.0	2.0	.0	1.0	2.0
300-N	495E	495.0	300.0	2.0	-1.0	1.0	4.0

300-N	515E	515.0	300.0	2.0	-1.0	2.0	3.0
300-N	535E	535.0	300.0	1.0	.0	.0	3.0
300-N	555E	555.0	300.0	2.0	.0	1.0	3.0
300-N	575E	575.0	300.0	2.0	.0	.0	3.0
300-N	595E	595.0	300.0	2.0	.0	1.0	2.0
300-N	615E	615.0	300.0	2.0	1.0	2.0	2.0
300-N	635E	635.0	300.0	2.0	.0	1.0	2.0
300-N	655E	655.0	300.0	2.0	.0	2.0	3.0
300-N	675E	675.0	300.0	3.0	1.0	3.0	3.0
300-N	695E	695.0	300.0	3.0	.0	3.0	2.0
300-N	705E	705.0	300.0	3.0	.0	2.0	3.0
300-N	735E	735.0	300.0	3.0	.0	2.0	3.0
300-N	755E	755.0	300.0	3.0	.0	2.0	3.0
300-N	775E	775.0	300.0	2.0	.0	1.0	3.0
300-S	25W	-25.0	-300.0	.0	-1.0	.0	1.0
300-S	5W	-5.0	-300.0	.0	.0	.0	.0
300-S	15E	15.0	-300.0	.0	.0	.0	1.0
300-S	35E	35.0	-300.0	.0	1.0	1.0	1.0
300-S	55E	55.0	-300.0	1.0	.0	.0	2.0
300-S	75E	75.0	-300.0	.0	.0	1.0	3.0
300-S	95E	95.0	-300.0	.0	.0	1.0	3.0
300-S	115E	115.0	-300.0	.0	1.0	.0	4.0
300-S	135E	135.0	-300.0	.0	-1.0	.0	4.0
300-S	155E	155.0	-300.0	.0	1.0	.0	3.0
300-S	175E	175.0	-300.0	.0	1.0	-1.0	3.0
300-S	195E	195.0	-300.0	1.0	1.0	1.0	2.0
300-S	215E	215.0	-300.0	1.0	1.0	.0	3.0
300-S	235E	235.0	-300.0	1.0	1.0	1.0	3.0
300-S	255E	255.0	-300.0	1.0	.0	1.0	3.0
300-S	275E	275.0	-300.0	1.0	.0	1.0	2.0
300-S	295E	295.0	-300.0	2.0	-1.0	.0	3.0
300-S	315E	315.0	-300.0	2.0	-1.0	.0	3.0
300-S	335E	335.0	-300.0	2.0	1.0	1.0	3.0
300-S	355E	355.0	-300.0	1.0	.0	1.0	2.0
300-S	375E	375.0	-300.0	2.0	.0	1.0	3.0
300-S	395E	395.0	-300.0	1.0	-1.0	1.0	2.0
300-S	415E	415.0	-300.0	1.0	-1.0	.0	3.0
300-S	435E	435.0	-300.0	1.0	.0	1.0	3.0
300-S	455E	455.0	-300.0	1.0	.0	.0	3.0
300-S	475E	475.0	-300.0	2.0	.0	1.0	2.0
300-S	495E	495.0	-300.0	2.0	.0	2.0	2.0
300-S	515E	515.0	-300.0	2.0	-1.0	1.0	2.0
300-S	535E	535.0	-300.0	2.0	1.0	1.0	2.0
300-S	555E	555.0	-300.0	2.0	.0	1.0	3.0
300-S	575E	575.0	-300.0	2.0	.0	2.0	3.0
400-N	725E	725.0	400.0	2.0	.0	2.0	-1.0
400-N	705E	705.0	400.0	2.0	.0	1.0	3.0
400-N	685E	685.0	400.0	2.0	1.0	1.0	2.0
400-N	665E	665.0	400.0	2.0	.0	1.0	3.0
400-N	645E	645.0	400.0	3.0	.0	1.0	2.0
400-N	625E	625.0	400.0	2.0	-1.0	1.0	2.0
400-N	605E	605.0	400.0	1.0	.0	.0	2.0
400-N	585E	585.0	400.0	.0	.0	.0	3.0
400-N	565E	565.0	400.0	1.0	1.0	-1.0	2.0
400-N	545E	545.0	400.0	2.0	.0	.0	1.0

400-N	525E	525.0	400.0	2.0	.0	1.0	.0
400-N	505E	505.0	400.0	1.0	-1.0	.0	1.0
400-N	485E	485.0	400.0	1.0	1.0	.0	2.0
400-N	465E	465.0	400.0	2.0	.0	1.0	1.0
400-N	445E	445.0	400.0	1.0	-1.0	.0	1.0
400-N	425E	425.0	400.0	1.0	1.0	.0	1.0
400-N	405E	405.0	400.0	2.0	-1.0	1.0	2.0
400-N	385E	385.0	400.0	1.0	1.0	.0	2.0
400-N	365E	365.0	400.0	2.0	1.0	1.0	2.0
400-N	345E	345.0	400.0	1.0	-1.0	1.0	.0
400-N	325E	325.0	400.0	1.0	-1.0	2.0	1.0
400-N	305E	305.0	400.0	2.0	1.0	1.0	1.0
400-N	285E	285.0	400.0	1.0	.0	.0	1.0
400-N	265E	265.0	400.0	2.0	1.0	1.0	2.0
400-N	245E	245.0	400.0	2.0	.0	2.0	2.0
400-N	225E	225.0	400.0	2.0	-1.0	3.0	2.0
400-N	205E	205.0	400.0	3.0	.0	3.0	1.0
400-N	185E	185.0	400.0	2.0	.0	2.0	3.0
400-N	165E	165.0	400.0	2.0	.0	2.0	3.0
400-N	145E	145.0	400.0	2.0	.0	2.0	2.0
400-S	545E	545.0	-400.0	1.0	-1.0	1.0	2.0
400-S	525E	525.0	-400.0	1.0	-1.0	1.0	2.0
400-S	505E	505.0	-400.0	2.0	.0	1.0	2.0
400-S	485E	485.0	-400.0	1.0	-1.0	.0	2.0
400-S	465E	465.0	-400.0	2.0	1.0	1.0	3.0
400-S	445E	445.0	-400.0	1.0	-3.0	1.0	3.0
400-S	425E	425.0	-400.0	1.0	1.0	.0	2.0
400-S	405E	405.0	-400.0	1.0	.0	.0	2.0
400-S	385E	385.0	-400.0	1.0	.0	.0	2.0
400-S	365E	365.0	-400.0	1.0	.0	.0	2.0
400-S	345E	345.0	-400.0	1.0	1.0	.0	2.0
400-S	325E	325.0	-400.0	2.0	.0	1.0	2.0
400-S	305E	305.0	-400.0	1.0	-1.0	2.0	2.0
400-S	285E	285.0	-400.0	2.0	-1.0	2.0	3.0
400-S	265E	265.0	-400.0	2.0	1.0	1.0	2.0
400-S	245E	245.0	-400.0	1.0	-1.0	.0	2.0
400-S	225E	225.0	-400.0	1.0	-1.0	.0	2.0
400-S	205E	205.0	-400.0	1.0	-1.0	.0	2.0
400-S	185E	185.0	-400.0	1.0	-1.0	.0	3.0
400-S	165E	165.0	-400.0	1.0	-2.0	.0	3.0
400-S	145E	145.0	-400.0	2.0	.0	1.0	4.0
400-S	125E	125.0	-400.0	1.0	1.0	.0	2.0
400-S	105E	105.0	-400.0	1.0	.0	.0	3.0
400-S	85E	85.0	-400.0	.0	.0	.0	4.0
400-S	65E	65.0	-400.0	1.0	.0	.0	3.0
400-S	45E	45.0	-400.0	1.0	.0	.0	3.0
400-S	25E	25.0	-400.0	1.0	.0	.0	2.0
400-S	5E	5.0	-400.0	1.0	-1.0	.0	2.0
400-S	25W	-25.0	-400.0	.0	-1.0	.0	3.0
400-S	45W	-45.0	-400.0	1.0	-1.0	.0	2.0
400-S	65W	-65.0	-400.0	2.0	.0	1.0	2.0
500-N	1105W	-1105.0	500.0	-14.0	-3.0	-16.0	-1.0
500-N	1085W	-1085.0	500.0	-8.0	-2.0	-6.0	4.0
500-N	1065W	-1065.0	500.0	-3.0	4.0	-1.0	4.0
500-N	1045W	-1045.0	500.0	-2.0	3.0	-4.0	3.0

500-N	1025W	-1025.0	500.0	-2.0	1.0	-2.0	1.0
500-N	1005W	-1005.0	500.0	2.0	-2.0	.0	-2.0
500-N	985W	-985.0	500.0	.0	-1.0	.0	.0
500-N	965W	-965.0	500.0	-1.0	-1.0	-1.0	1.0
500-N	945W	-945.0	500.0	-2.0	.0	-2.0	.0
500-N	925W	-925.0	500.0	-2.0	-1.0	-1.0	-2.0
500-N	905W	-905.0	500.0	-2.0	-1.0	-3.0	-2.0
500-N	885W	-885.0	500.0	-1.0	-2.0	-2.0	-2.0
500-N	865W	-865.0	500.0	-2.0	-2.0	.0	-1.0
500-N	845W	-845.0	500.0	-1.0	-3.0	.0	-3.0
500-N	825W	-825.0	500.0	-1.0	-1.0	.0	-1.0
500-N	805W	-805.0	500.0	.0	1.0	.0	1.0
500-N	785W	-785.0	500.0	.0	-1.0	.0	-2.0
500-N	765W	-765.0	500.0	-1.0	-2.0	-1.0	-3.0
500-N	745W	-745.0	500.0	.0	-1.0	.0	-1.0
500-N	725W	-725.0	500.0	.0	.0	-1.0	2.0
500-N	705W	-705.0	500.0	.0	.0	.0	.0
500-N	685W	-685.0	500.0	1.0	.0	1.0	-1.0
500-N	665W	-665.0	500.0	2.0	.0	.0	.0
500-N	645W	-645.0	500.0	1.0	.0	-1.0	-1.0
500-N	625W	-625.0	500.0	.0	1.0	-1.0	1.0
500-N	605W	-605.0	500.0	.0	-1.0	.0	.0
500-N	585W	-585.0	500.0	.0	.0	.0	-1.0
500-N	565W	-565.0	500.0	.0	.0	.0	.0
500-N	545W	-545.0	500.0	.0	-2.0	1.0	-2.0
500-N	525W	-525.0	500.0	.0	-2.0	.0	-1.0
500-N	505W	-505.0	500.0	.0	.0	1.0	2.0
500-N	485W	-485.0	500.0	1.0	1.0	2.0	.0
500-N	465W	-465.0	500.0	.0	1.0	.0	.0
500-N	445W	-445.0	500.0	-1.0	2.0	2.0	2.0
500-N	425W	-425.0	500.0	.0	1.0	.0	2.0
500-N	405W	-405.0	500.0	.0	1.0	.0	4.0
500-N	385W	-385.0	500.0	.0	1.0	.0	3.0
500-N	365W	-365.0	500.0	.0	.0	.0	3.0
500-N	345W	-345.0	500.0	.0	1.0	.0	3.0
500-N	325W	-325.0	500.0	.0	.0	.0	1.0
500-N	305W	-305.0	500.0	.0	.0	-1.0	-1.0
500-N	285W	-285.0	500.0	.0	-1.0	-1.0	-3.0
500-N	265W	-265.0	500.0	.0	.0	-1.0	1.0
500-N	245W	-245.0	500.0	.0	.0	1.0	2.0
500-N	225W	-225.0	500.0	.0	.0	.0	3.0
500-N	205W	-205.0	500.0	.0	.0	.0	2.0
500-N	185W	-185.0	500.0	.0	.0	.0	2.0
500-N	165W	-165.0	500.0	.0	-1.0	.0	.0
500-N	145W	-145.0	500.0	1.0	-1.0	-1.0	.0
500-N	125W	-125.0	500.0	.0	-1.0	.0	.0
500-N	105W	-105.0	500.0	.0	.0	.0	.0
500-N	85W	-85.0	500.0	1.0	-1.0	1.0	.0
500-N	65W	-65.0	500.0	.0	.0	.0	1.0
500-N	45W	-45.0	500.0	1.0	-1.0	.0	2.0
500-N	25W	-25.0	500.0	1.0	1.0	.0	3.0
500-N	5W	-5.0	500.0	1.0	1.0	1.0	4.0
500-N	15E	15.0	500.0	1.0	.0	1.0	4.0
500-N	35E	35.0	500.0	1.0	2.0	1.0	4.0
500-N	55E	55.0	500.0	.0	1.0	1.0	5.0

500-N	75E	75.0	500.0	1.0	-1.0	1.0	4.0
500-N	95E	95.0	500.0	1.0	-1.0	1.0	5.0
500-N	115E	115.0	500.0	1.0	.0	1.0	4.0
500-N	135E	135.0	500.0	2.0	1.0	2.0	4.0
500-N	155E	155.0	500.0	1.0	1.0	.0	3.0
500-N	175E	175.0	500.0	.0	1.0	.0	2.0
500-N	195E	195.0	500.0	1.0	.0	.0	3.0
500-N	215E	215.0	500.0	.0	.0	.0	3.0
500-N	235E	235.0	500.0	1.0	.0	1.0	1.0
500-N	255E	255.0	500.0	.0	.0	.0	1.0
500-N	275E	275.0	500.0	.0	1.0	-1.0	.0
500-N	295E	295.0	500.0	.0	-1.0	.0	1.0
500-N	315E	315.0	500.0	1.0	.0	.0	1.0
500-N	335E	335.0	500.0	1.0	.0	.0	1.0
500-N	355E	355.0	500.0	2.0	.0	.0	3.0
500-N	375E	375.0	500.0	1.0	-1.0	.0	4.0
500-N	395E	395.0	500.0	.0	.0	.0	5.0
500-N	415E	415.0	500.0	1.0	.0	1.0	5.0
500-N	435E	435.0	500.0	1.0	1.0	.0	5.0
500-N	455E	455.0	500.0	1.0	1.0	.0	3.0
500-N	475E	475.0	500.0	1.0	.0	.0	3.0
500-N	495E	495.0	500.0	.0	-1.0	.0	3.0
500-N	515E	515.0	500.0	1.0	-1.0	.0	2.0
500-N	535E	535.0	500.0	.0	.0	.0	3.0
500-N	555E	555.0	500.0	1.0	.0	1.0	2.0
500-N	575E	575.0	500.0	.0	.0	.0	3.0
500-N	595E	595.0	500.0	.0	.0	1.0	4.0
500-N	615E	615.0	500.0	1.0	1.0	1.0	4.0
500-N	635E	635.0	500.0	1.0	.0	1.0	3.0
500-N	655E	655.0	500.0	1.0	.0	1.0	2.0
500-S	85W	-85.0	-500.0	3.0	-1.0	3.0	2.0
500-S	65W	-65.0	-500.0	3.0	-1.0	4.0	2.0
500-S	45W	-45.0	-500.0	3.0	-1.0	4.0	2.0
500-S	25W	-25.0	-500.0	4.0	1.0	5.0	3.0
500-S	5W	-5.0	-500.0	4.0	-1.0	4.0	2.0
500-S	15E	15.0	-500.0	3.0	.0	3.0	2.0
500-S	35E	35.0	-500.0	3.0	.0	2.0	2.0
500-S	55E	55.0	-500.0	3.0	-1.0	3.0	1.0
500-S	75E	75.0	-500.0	3.0	-1.0	2.0	2.0
500-S	95E	95.0	-500.0	1.0	1.0	1.0	2.0
500-S	115E	115.0	-500.0	1.0	-1.0	1.0	2.0
500-S	135E	135.0	-500.0	3.0	-1.0	2.0	1.0
500-S	155E	155.0	-500.0	3.0	-1.0	2.0	1.0
500-S	195E	195.0	-500.0	2.0	1.0	1.0	2.0
500-S	215E	215.0	-500.0	1.0	1.0	1.0	2.0
500-S	235E	235.0	-500.0	1.0	.0	1.0	2.0
500-S	255E	255.0	-500.0	1.0	.0	1.0	2.0
500-S	275E	275.0	-500.0	1.0	1.0	1.0	2.0
500-S	295E	295.0	-500.0	1.0	.0	1.0	2.0
500-S	315E	315.0	-500.0	1.0	1.0	1.0	2.0
500-S	335E	335.0	-500.0	1.0	-1.0	1.0	2.0
500-S	355E	355.0	-500.0	2.0	.0	1.0	2.0
500-S	375E	375.0	-500.0	2.0	.0	1.0	3.0
500-S	395E	395.0	-500.0	2.0	1.0	1.0	2.0
500-S	415E	415.0	-500.0	2.0	1.0	1.0	2.0

500-S	435E	435.0	-500.0	2.0	.0	1.0	2.0
500-S	455E	455.0	-500.0	1.0	-1.0	.0	2.0
500-S	495E	495.0	-500.0	2.0	-1.0	1.0	1.0
600-N	685E	685.0	600.0	1.0	.0	1.0	3.0
600-N	665E	665.0	600.0	1.0	1.0	1.0	4.0
600-N	645E	645.0	600.0	2.0	1.0	1.0	4.0
600-N	625E	625.0	600.0	1.0	2.0	2.0	5.0
600-N	605E	605.0	600.0	2.0	.0	2.0	5.0
600-N	585E	585.0	600.0	1.0	.0	2.0	4.0
600-N	565E	565.0	600.0	1.0	.0	2.0	4.0
600-N	545E	545.0	600.0	1.0	.0	1.0	4.0
600-N	525E	525.0	600.0	2.0	.0	.0	3.0
600-N	505E	505.0	600.0	1.0	-1.0	1.0	3.0
600-N	485E	485.0	600.0	.0	.0	.0	2.0
600-N	465E	465.0	600.0	.0	.0	.0	.0
600-N	445E	445.0	600.0	-1.0	-1.0	-1.0	2.0
600-N	425E	425.0	600.0	1.0	.0	.0	3.0
600-N	405E	405.0	600.0	.0	.0	.0	2.0
600-N	385E	385.0	600.0	.0	.0	-1.0	1.0
600-N	365E	365.0	600.0	1.0	.0	-1.0	1.0
600-N	345E	345.0	600.0	1.0	.0	-1.0	.0
600-N	325E	325.0	600.0	.0	.0	-1.0	-1.0
600-N	305E	305.0	600.0	1.0	-1.0	.0	1.0
600-N	285E	285.0	600.0	1.0	-1.0	.0	-1.0
600-N	265E	265.0	600.0	.0	-1.0	-1.0	1.0
600-N	245E	245.0	600.0	-1.0	-1.0	.0	1.0
600-N	225E	225.0	600.0	.0	.0	.0	2.0
600-N	205E	205.0	600.0	.0	-1.0	1.0	3.0
600-N	185E	185.0	600.0	1.0	.0	1.0	4.0
600-N	165E	165.0	600.0	1.0	.0	1.0	5.0
600-N	145E	145.0	600.0	1.0	1.0	1.0	4.0
600-N	125E	125.0	600.0	.0	.0	1.0	3.0
600-N	105E	105.0	600.0	1.0	1.0	1.0	5.0
600-N	85E	85.0	600.0	.0	.0	.0	4.0
600-N	65E	65.0	600.0	.0	1.0	1.0	4.0
600-N	45E	45.0	600.0	.0	1.0	1.0	3.0
600-N	25E	25.0	600.0	1.0	.0	1.0	2.0
600-N	5E	5.0	600.0	1.0	.0	.0	3.0
600-N	15W	-15.0	600.0	1.0	-1.0	-1.0	3.0
600-N	35W	-35.0	600.0	.0	-1.0	1.0	1.0
600-N	55W	-55.0	600.0	1.0	.0	.0	.0
600-N	75W	-75.0	600.0	.0	-1.0	.0	1.0
600-N	95W	-95.0	600.0	.0	1.0	.0	1.0
600-N	115W	-115.0	600.0	.0	1.0	.0	2.0
600-N	135W	-135.0	600.0	.0	1.0	.0	4.0
600-N	155W	-155.0	600.0	.0	-1.0	1.0	3.0
600-N	175W	-175.0	600.0	.0	.0	.0	1.0
600-N	195W	-195.0	600.0	1.0	.0	.0	3.0
600-N	215W	-215.0	600.0	.0	1.0	-1.0	2.0
600-N	235W	-235.0	600.0	.0	-1.0	-1.0	1.0
600-N	255W	-255.0	600.0	.0	-3.0	-1.0	.0
600-N	275W	-275.0	600.0	.0	.0	.0	.0
600-N	295W	-295.0	600.0	.0	1.0	.0	2.0
600-N	315W	-315.0	600.0	-1.0	-1.0	.0	4.0
600-N	335W	-335.0	600.0	-1.0	2.0	.0	3.0

600-N	355W	-355.0	600.0	.0	1.0	-1.0	4.0
600-N	375W	-375.0	600.0	-1.0	1.0	-1.0	4.0
600-N	395W	-395.0	600.0	.0	.0	-1.0	3.0
600-N	415W	-415.0	600.0	-1.0	.0	.0	1.0
600-N	435W	-435.0	600.0	-1.0	.0	.0	1.0
600-N	455W	-455.0	600.0	-1.0	-1.0	-1.0	-1.0
600-N	475W	-475.0	600.0	-2.0	-1.0	-1.0	-2.0
600-N	495W	-495.0	600.0	-1.0	-1.0	-1.0	-2.0
600-N	515W	-515.0	600.0	.0	1.0	-1.0	-3.0
600-N	535W	-535.0	600.0	-1.0	-3.0	-1.0	-2.0
600-N	555W	-555.0	600.0	-1.0	-1.0	-1.0	-3.0
600-N	575W	-575.0	600.0	-1.0	.0	-1.0	-1.0
600-N	595W	-595.0	600.0	-1.0	.0	-2.0	2.0
600-N	615W	-615.0	600.0	-1.0	-1.0	-1.0	1.0
600-N	635W	-635.0	600.0	.0	1.0	.0	.0
600-N	655W	-655.0	600.0	.0	1.0	.0	1.0
600-N	675W	-675.0	600.0	1.0	-1.0	.0	-1.0
600-N	695W	-695.0	600.0	.0	-1.0	-1.0	-3.0
600-N	715W	-715.0	600.0	1.0	-5.0	.0	-2.0
600-N	735W	-735.0	600.0	.0	-3.0	1.0	-4.0
600-N	755W	-755.0	600.0	1.0	-4.0	2.0	-3.0
600-N	775W	-775.0	600.0	1.0	-2.0	1.0	-2.0
600-N	795W	-795.0	600.0	1.0	.0	5.0	1.0
600-N	815W	-815.0	600.0	4.0	.0	3.0	-1.0
600-N	835W	-835.0	600.0	2.0	-1.0	2.0	.0
600-N	855W	-855.0	600.0	2.0	-4.0	3.0	-4.0
600-N	875W	-875.0	600.0	3.0	-5.0	4.0	-5.0
600-N	895W	-895.0	600.0	-1.0	2.0	-2.0	.0
600-N	915W	-915.0	600.0	.0	.0	-2.0	-2.0
600-N	935W	-935.0	600.0	-3.0	-3.0	-3.0	-2.0
600-N	955W	-955.0	600.0	-4.0	-3.0	-5.0	-2.0
600-N	975W	-975.0	600.0	-5.0	-1.0	-5.0	-1.0
600-N	995W	-995.0	600.0	-3.0	-2.0	-2.0	-1.0
600-N	1015W	-1015.0	600.0	-2.0	-3.0	-1.0	-3.0
600-N	1035W	-1035.0	600.0	-2.0	-3.0	-1.0	-4.0
600-N	1055W	-1055.0	600.0	-1.0	-1.0	3.0	-1.0
600-N	1075W	-1075.0	600.0	1.0	.0	.0	-3.0
700-N	1025W	-1025.0	700.0	-5.0	.0	-5.0	1.0
700-N	1005W	-1005.0	700.0	-2.0	.0	-3.0	-1.0
700-N	985W	-985.0	700.0	-4.0	-2.0	-4.0	.0
700-N	965W	-965.0	700.0	-9.0	1.0	-11.0	.0
700-N	945W	-945.0	700.0	-9.0	-1.0	-9.0	-1.0
700-N	925W	-925.0	700.0	-3.0	1.0	-1.0	-1.0
700-N	905W	-905.0	700.0	-2.0	-4.0	-1.0	-2.0
700-N	885W	-885.0	700.0	-2.0	-3.0	-1.0	-3.0
700-N	865W	-865.0	700.0	-1.0	-4.0	-4.0	-1.0
700-N	845W	-845.0	700.0	-7.0	-1.0	-5.0	.0
700-N	825W	-825.0	700.0	-8.0	.0	-4.0	1.0
700-N	805W	-805.0	700.0	-9.0	-3.0	-1.0	.0
700-N	785W	-785.0	700.0	-12.0	1.0	-3.0	2.0
700-N	765W	-765.0	700.0	-5.0	2.0	-2.0	2.0
700-N	745W	-745.0	700.0	-4.0	.0	.0	2.0
700-N	725W	-725.0	700.0	-4.0	-2.0	.0	2.0
700-N	705W	-705.0	700.0	-3.0	.0	-1.0	1.0
700-N	685W	-685.0	700.0	-3.0	.0	-3.0	-1.0

700-N	665W	-665.0	700.0	-4.0	-2.0	-3.0	.0
700-N	645W	-645.0	700.0	-2.0	1.0	-1.0	1.0
700-N	625W	-625.0	700.0	-1.0	.0	.0	2.0
700-N	605W	-605.0	700.0	1.0	.0	2.0	5.0
700-N	585W	-585.0	700.0	1.0	1.0	1.0	2.0
700-N	565W	-565.0	700.0	.0	.0	1.0	2.0
700-N	545W	-545.0	700.0	.0	.0	1.0	1.0
700-N	525W	-525.0	700.0	.0	-1.0	.0	4.0
700-N	505W	-505.0	700.0	-1.0	.0	-1.0	1.0
700-N	485W	-485.0	700.0	.0	.0	1.0	2.0
700-N	465W	-465.0	700.0	.0	-1.0	-1.0	.0
700-N	445W	-445.0	700.0	.0	-1.0	.0	-2.0
700-N	425W	-425.0	700.0	.0	-2.0	.0	-1.0
700-N	405W	-405.0	700.0	.0	-1.0	.0	-1.0
700-N	385W	-385.0	700.0	.0	-1.0	.0	1.0
700-N	365W	-365.0	700.0	.0	.0	.0	2.0
700-N	345W	-345.0	700.0	1.0	1.0	.0	2.0
700-N	325W	-325.0	700.0	.0	-1.0	-1.0	2.0
700-N	305W	-305.0	700.0	.0	-1.0	.0	5.0
700-N	285W	-285.0	700.0	2.0	1.0	2.0	3.0
700-N	265W	-265.0	700.0	1.0	-2.0	2.0	2.0
700-N	245W	-245.0	700.0	1.0	.0	.0	1.0
700-N	225W	-225.0	700.0	.0	-1.0	.0	-2.0
700-N	205W	-205.0	700.0	.0	1.0	.0	2.0
700-N	185W	-185.0	700.0	.0	.0	.0	1.0
700-N	165W	-165.0	700.0	.0	.0	1.0	.0
700-N	145W	-145.0	700.0	.0	-2.0	.0	1.0
700-N	125W	-125.0	700.0	.0	.0	.0	3.0
700-N	105W	-105.0	700.0	2.0	-1.0	1.0	1.0
700-N	85W	-85.0	700.0	1.0	.0	1.0	3.0
700-N	65W	-65.0	700.0	1.0	1.0	1.0	3.0
700-N	45W	-45.0	700.0	1.0	-1.0	2.0	1.0
700-N	25W	-25.0	700.0	.0	1.0	2.0	1.0
700-N	5W	-5.0	700.0	1.0	.0	2.0	1.0
700-N	15E	15.0	700.0	1.0	.0	.0	1.0
700-N	35E	35.0	700.0	1.0	.0	.0	1.0
700-N	55E	55.0	700.0	.0	-1.0	1.0	1.0
700-N	75E	75.0	700.0	1.0	-1.0	.0	2.0
700-N	95E	95.0	700.0	.0	-1.0	-1.0	2.0
700-N	115E	115.0	700.0	.0	-1.0	-1.0	1.0
700-N	135E	135.0	700.0	.0	.0	-1.0	3.0
700-N	155E	155.0	700.0	.0	.0	.0	2.0
700-N	175E	175.0	700.0	.0	.0	.0	1.0
700-N	195E	195.0	700.0	1.0	1.0	.0	3.0
700-N	215E	215.0	700.0	1.0	.0	.0	3.0
700-N	235E	235.0	700.0	1.0	1.0	1.0	1.0
700-N	255E	255.0	700.0	1.0	1.0	1.0	2.0
700-N	275E	275.0	700.0	.0	.0	.0	3.0
700-N	295E	295.0	700.0	.0	1.0	1.0	2.0
700-N	315E	315.0	700.0	1.0	.0	.0	2.0
700-N	335E	335.0	700.0	1.0	.0	1.0	1.0
700-N	355E	355.0	700.0	.0	.0	.0	1.0
700-N	375E	375.0	700.0	.0	.0	-1.0	.0
700-N	395E	395.0	700.0	.0	-1.0	.0	2.0
700-N	415E	415.0	700.0	.0	-1.0	-1.0	.0

700-N	435E	435.0	700.0	.0	-1.0	.0	2.0
700-N	455E	455.0	700.0	1.0	-1.0	.0	1.0
700-N	475E	475.0	700.0	.0	.0	.0	1.0
700-N	495E	495.0	700.0	.0	-1.0	.0	.0
700-N	515E	515.0	700.0	.0	.0	.0	1.0
700-N	535E	535.0	700.0	.0	-1.0	.0	2.0
700-N	555E	555.0	700.0	1.0	-1.0	.0	2.0
700-N	575E	575.0	700.0	1.0	1.0	1.0	-2.0
700-N	595E	595.0	700.0	1.0	-1.0	.0	-1.0
800-N	705E	705.0	800.0	2.0	2.0	.0	6.0
800-N	685E	685.0	800.0	1.0	.0	1.0	5.0
800-N	665E	665.0	800.0	.0	1.0	1.0	5.0
800-N	645E	645.0	800.0	.0	.0	.0	2.0
800-N	625E	625.0	800.0	1.0	.0	.0	2.0
800-N	605E	605.0	800.0	.0	-1.0	.0	2.0
800-N	585E	585.0	800.0	1.0	.0	1.0	2.0
800-N	565E	565.0	800.0	.0	1.0	.0	3.0
800-N	545E	545.0	800.0	.0	.0	.0	4.0
800-N	525E	525.0	800.0	1.0	.0	1.0	3.0
800-N	505E	505.0	800.0	1.0	1.0	1.0	4.0
800-N	485E	485.0	800.0	1.0	-1.0	1.0	3.0
800-N	465E	465.0	800.0	1.0	1.0	1.0	4.0
800-N	445E	445.0	800.0	1.0	.0	1.0	4.0
800-N	425E	425.0	800.0	1.0	.0	1.0	2.0
800-N	405E	405.0	800.0	2.0	-1.0	2.0	2.0
800-N	385E	385.0	800.0	2.0	.0	1.0	2.0
800-N	365E	365.0	800.0	2.0	1.0	.0	2.0
800-N	345E	345.0	800.0	1.0	1.0	.0	3.0
800-N	325E	325.0	800.0	1.0	.0	.0	3.0
800-N	305E	305.0	800.0	1.0	.0	1.0	3.0
800-N	285E	285.0	800.0	1.0	1.0	.0	5.0
800-N	265E	265.0	800.0	1.0	2.0	1.0	4.0
800-N	245E	245.0	800.0	1.0	-1.0	2.0	5.0
800-N	225E	225.0	800.0	1.0	1.0	.0	4.0
800-N	205E	205.0	800.0	1.0	.0	.0	2.0
800-N	185E	185.0	800.0	1.0	.0	.0	3.0
800-N	165E	165.0	800.0	1.0	-1.0	.0	3.0
800-N	145E	145.0	800.0	1.0	1.0	.0	3.0
800-N	125E	125.0	800.0	1.0	1.0	.0	2.0
800-N	105E	105.0	800.0	.0	-3.0	-1.0	.0
800-N	85E	85.0	800.0	1.0	-1.0	.0	1.0
800-N	65E	65.0	800.0	.0	2.0	.0	3.0
800-N	45E	45.0	800.0	1.0	.0	.0	2.0
800-N	25E	25.0	800.0	1.0	.0	1.0	-1.0
800-N	5E	5.0	800.0	.0	1.0	.0	.0
800-N	15W	-15.0	800.0	.0	.0	-1.0	2.0
800-N	35W	-35.0	800.0	.0	.0	.0	1.0
800-N	55W	-55.0	800.0	2.0	.0	2.0	4.0
800-N	75W	-75.0	800.0	1.0	1.0	.0	2.0
800-N	95W	-95.0	800.0	.0	.0	.0	-1.0
800-N	115W	-115.0	800.0	2.0	-1.0	1.0	1.0
800-N	135W	-135.0	800.0	.0	1.0	.0	.0
801-N	375W	-375.0	800.0	.0	-1.0	1.0	.0
801-N	395W	-395.0	800.0	.0	-1.0	1.0	1.0
801-N	415W	-415.0	800.0	.0	-1.0	.0	.0

801-N	435W	-435.0	800.0	1.0	.0	1.0	-1.0
801-N	455W	-455.0	800.0	.0	-2.0	.0	-3.0
801-N	475W	-475.0	800.0	.0	.0	-2.0	1.0
801-N	495W	-495.0	800.0	-3.0	-1.0	-4.0	2.0
801-N	515W	-515.0	800.0	-1.0	.0	1.0	-1.0
801-N	535W	-535.0	800.0	-1.0	.0	-1.0	1.0
801-N	555W	-555.0	800.0	-1.0	.0	-1.0	1.0
801-N	575W	-575.0	800.0	-1.0	.0	.0	.0
801-N	595W	-595.0	800.0	.0	.0	.0	-1.0
801-N	615W	-615.0	800.0	-1.0	-1.0	.0	-2.0
801-N	635W	-635.0	800.0	-1.0	-1.0	-1.0	-2.0
801-N	655W	-655.0	800.0	-1.0	-2.0	-2.0	-2.0
801-N	675W	-675.0	800.0	-2.0	-1.0	-2.0	.0
801-N	695W	-695.0	800.0	-2.0	-1.0	-3.0	-1.0
801-N	715W	-715.0	800.0	-2.0	.0	-3.0	.0
801-N	735W	-735.0	800.0	-2.0	-1.0	-2.0	.0
801-N	755W	-755.0	800.0	-2.0	.0	-3.0	1.0
801-N	775W	-775.0	800.0	-2.0	-1.0	-2.0	-1.0
801-N	795W	-795.0	800.0	-1.0	.0	-1.0	1.0
801-N	815W	-815.0	800.0	-1.0	-3.0	-1.0	-4.0
801-N	835W	-835.0	800.0	-2.0	-1.0	-5.0	-3.0
801-N	855W	-855.0	800.0	-7.0	-4.0	-7.0	-4.0
801-N	875W	-875.0	800.0	-9.0	-3.0	-10.0	-1.0
801-N	895W	-895.0	800.0	-10.0	-5.0	-6.0	-1.0
801-N	915W	-915.0	800.0	-4.0	-3.0	-3.0	2.0
801-N	935W	-935.0	800.0	-2.0	-1.0	-4.0	-3.0
801-N	955W	-955.0	800.0	-3.0	-3.0	-1.0	-3.0
801-N	975W	-975.0	800.0	-6.0	-2.0	-2.0	-3.0
900-N	945W	-945.0	900.0	-8.0	-5.0	-9.0	-1.0
900-N	925W	-925.0	900.0	-7.0	.0	-8.0	-2.0
900-N	905W	-905.0	900.0	-8.0	-1.0	-8.0	-1.0
900-N	885W	-885.0	900.0	-6.0	-2.0	-6.0	-2.0
900-N	865W	-865.0	900.0	-8.0	-1.0	-11.0	.0
900-N	845W	-845.0	900.0	-6.0	-2.0	-6.0	-3.0
900-N	825W	-825.0	900.0	-6.0	-3.0	-6.0	-5.0
900-N	805W	-805.0	900.0	-4.0	-3.0	-3.0	-1.0
900-N	785W	-785.0	900.0	-2.0	-2.0	-1.0	-1.0
900-N	765W	-765.0	900.0	.0	-1.0	.0	-3.0
900-N	745W	-745.0	900.0	.0	-1.0	1.0	-2.0
900-N	725W	-725.0	900.0	.0	1.0	1.0	.0
900-N	705W	-705.0	900.0	.0	.0	.0	-1.0
900-N	685W	-685.0	900.0	.0	.0	-1.0	-1.0
900-N	665W	-665.0	900.0	.0	.0	-1.0	-1.0
900-N	645W	-645.0	900.0	-1.0	.0	.0	1.0
900-N	625W	-625.0	900.0	-1.0	-1.0	-1.0	.0
900-N	605W	-605.0	900.0	.0	.0	.0	1.0
900-N	585W	-585.0	900.0	1.0	1.0	1.0	.0
900-N	565W	-565.0	900.0	.0	.0	1.0	-1.0
900-N	545W	-545.0	900.0	1.0	1.0	.0	2.0
900-N	525W	-525.0	900.0	-1.0	-1.0	-1.0	.0
900-N	505W	-505.0	900.0	-1.0	1.0	-2.0	2.0
900-N	485W	-485.0	900.0	-2.0	.0	-2.0	2.0
900-N	465W	-465.0	900.0	-4.0	.0	-8.0	.0
900-N	445W	-445.0	900.0	-6.0	1.0	-5.0	1.0
900-N	425W	-425.0	900.0	-3.0	2.0	-6.0	.0

900-N	405W	-405.0	900.0	-3.0	.0	.0	1.0
900-N	385W	-385.0	900.0	.0	-1.0	.0	.0
900-N	365W	-365.0	900.0	-1.0	1.0	2.0	2.0
901-N	45W	-45.0	900.0	1.0	.0	2.0	3.0
901-N	25W	-25.0	900.0	.0	1.0	1.0	2.0
901-N	5W	-5.0	900.0	.0	1.0	.0	2.0
901-N	15E	15.0	900.0	1.0	-1.0	-1.0	1.0
901-N	35E	35.0	900.0	.0	1.0	.0	3.0
901-N	55E	55.0	900.0	1.0	1.0	1.0	1.0
901-N	75E	75.0	900.0	.0	1.0	-1.0	1.0
901-N	95E	95.0	900.0	.0	-1.0	.0	.0
901-N	115E	115.0	900.0	.0	.0	.0	2.0
901-N	135E	135.0	900.0	.0	.0	-1.0	.0
901-N	155E	155.0	900.0	-1.0	-1.0	-1.0	.0
901-N	175E	175.0	900.0	-1.0	.0	-1.0	1.0
901-N	195E	195.0	900.0	.0	.0	.0	2.0
901-N	215E	215.0	900.0	.0	-1.0	.0	2.0
901-N	235E	235.0	900.0	.0	-1.0	.0	2.0
901-N	255E	255.0	900.0	.0	.0	.0	2.0
901-N	275E	275.0	900.0	.0	-1.0	-1.0	1.0
901-N	295E	295.0	900.0	1.0	1.0	.0	2.0
901-N	315E	315.0	900.0	.0	-1.0	.0	2.0
901-N	335E	335.0	900.0	.0	1.0	-1.0	3.0
901-N	355E	355.0	900.0	.0	.0	-1.0	1.0
901-N	375E	375.0	900.0	.0	.0	-1.0	1.0
901-N	395E	395.0	900.0	.0	.0	-1.0	.0
901-N	415E	415.0	900.0	.0	.0	.0	1.0
901-N	435E	435.0	900.0	.0	-1.0	.0	1.0
901-N	455E	455.0	900.0	1.0	.0	.0	2.0
901-N	475E	475.0	900.0	1.0	1.0	.0	2.0
901-N	495E	495.0	900.0	1.0	.0	.0	4.0
901-N	515E	515.0	900.0	1.0	1.0	1.0	5.0
901-N	535E	535.0	900.0	1.0	-1.0	.0	5.0
901-N	555E	555.0	900.0	.0	.0	.0	4.0
901-N	575E	575.0	900.0	1.0	-1.0	1.0	2.0
901-N	595E	595.0	900.0	.0	.0	.0	2.0
901-N	615E	615.0	900.0	1.0	-1.0	-1.0	.0
901-N	635E	635.0	900.0	.0	.0	-1.0	1.0
901-N	655E	655.0	900.0	1.0	-1.0	.0	.0
901-N	675E	675.0	900.0	.0	.0	-1.0	2.0
901-N	695E	695.0	900.0	.0	.0	-1.0	2.0
901-N	715E	715.0	900.0	.0	.0	.0	4.0
901-N	735E	735.0	900.0	.0	1.0	-1.0	5.0
901-N	755E	755.0	900.0	.0	1.0	.0	6.0
901-N	775E	775.0	900.0	.0	1.0	-1.0	6.0
901-N	795E	795.0	900.0	.0	1.0	.0	6.0
1000-N	825E	825.0	1000.0	.0	1.0	2.0	4.0
1000-N	805E	805.0	1000.0	.0	.0	.0	3.0
1000-N	785E	785.0	1000.0	.0	1.0	-1.0	4.0
1000-N	765E	765.0	1000.0	.0	-1.0	-1.0	3.0
1000-N	745E	745.0	1000.0	-1.0	.0	-1.0	3.0
1000-N	725E	725.0	1000.0	-1.0	-1.0	.0	2.0
1000-N	705E	705.0	1000.0	.0	.0	1.0	1.0
1000-N	685E	685.0	1000.0	.0	1.0	.0	.0
1000-N	665E	665.0	1000.0	.0	1.0	-1.0	1.0

1000-N	645E	645.0	1000.0	.0	.0	-1.0	2.0
1000-N	625E	625.0	1000.0	.0	.0	-1.0	2.0
1000-N	605E	605.0	1000.0	-1.0	1.0	.0	2.0
1000-N	585E	585.0	1000.0	-1.0	.0	.0	3.0
1000-N	565E	565.0	1000.0	-1.0	.0	-1.0	4.0
1000-N	545E	545.0	1000.0	.0	1.0	.0	4.0
1000-N	525E	525.0	1000.0	.0	.0	.0	3.0
1000-N	505E	505.0	1000.0	-1.0	1.0	-1.0	2.0
1000-N	485E	485.0	1000.0	.0	-1.0	.0	1.0
1000-N	465E	465.0	1000.0	.0	1.0	-1.0	.0
1000-N	445E	445.0	1000.0	.0	.0	-1.0	.0
1000-N	425E	425.0	1000.0	.0	-1.0	-1.0	.0
1000-N	405E	405.0	1000.0	.0	1.0	.0	-1.0
1000-N	385E	385.0	1000.0	1.0	-1.0	.0	.0
1000-N	365E	365.0	1000.0	.0	-1.0	.0	2.0
1000-N	345E	345.0	1000.0	.0	-1.0	-1.0	3.0
1000-N	325E	325.0	1000.0	.0	.0	-1.0	4.0
1000-N	305E	305.0	1000.0	1.0	.0	.0	3.0
1000-N	285E	285.0	1000.0	.0	.0	-1.0	2.0
1000-N	265E	265.0	1000.0	.0	-1.0	.0	2.0
1000-N	245E	245.0	1000.0	-1.0	.0	.0	2.0
1000-N	225E	225.0	1000.0	.0	-1.0	1.0	2.0
1000-N	205E	205.0	1000.0	.0	-1.0	1.0	.0
1000-N	185E	185.0	1000.0	.0	.0	.0	-1.0
1000-N	165E	165.0	1000.0	.0	-1.0	1.0	1.0
1000-N	145E	145.0	1000.0	.0	.0	-1.0	2.0
1000-N	125E	125.0	1000.0	.0	.0	-1.0	.0
1000-N	105E	105.0	1000.0	.0	.0	.0	3.0
1000-N	85E	85.0	1000.0	1.0	.0	1.0	3.0
1000-N	65E	65.0	1000.0	1.0	1.0	1.0	2.0
1000-N	45E	45.0	1000.0	1.0	1.0	2.0	2.0
1000-N	25E	25.0	1000.0	2.0	.0	2.0	3.0
1000-N	5E	5.0	1000.0	1.0	1.0	1.0	4.0
1000-N	15W	-15.0	1000.0	1.0	1.0	2.0	3.0
1000-N	35W	-35.0	1000.0	2.0	3.0	1.0	4.0
1000-N	55W	-55.0	1000.0	.0	.0	.0	3.0
1000-N	75W	-75.0	1000.0	.0	2.0	-1.0	2.0
1000-N	95W	-95.0	1000.0	.0	-1.0	-1.0	1.0
1000-N	115W	-115.0	1000.0	.0	1.0	.0	1.0
1000-N	135W	-135.0	1000.0	.0	.0	1.0	.0
1000-N	155W	-155.0	1000.0	-1.0	-1.0	-2.0	.0
1000-N	175W	-175.0	1000.0	-2.0	.0	-1.0	2.0
1000-N	195W	-195.0	1000.0	.0	-1.0	-2.0	.0
1000-N	215W	-215.0	1000.0	.0	1.0	.0	2.0
1000-N	235W	-235.0	1000.0	.0	-1.0	-1.0	1.0
1000-N	255W	-255.0	1000.0	.0	-1.0	1.0	3.0
1000-N	275W	-275.0	1000.0	.0	-1.0	1.0	2.0
1000-N	295W	-295.0	1000.0	.0	-1.0	1.0	2.0
1000-N	315W	-315.0	1000.0	.0	.0	1.0	1.0
1000-N	335W	-335.0	1000.0	.0	-1.0	1.0	3.0
1000-N	355W	-355.0	1000.0	.0	.0	1.0	1.0
1000-N	375W	-375.0	1000.0	.0	.0	1.0	-1.0
1000-N	395W	-395.0	1000.0	1.0	-1.0	1.0	2.0
1000-N	415W	-415.0	1000.0	1.0	-1.0	.0	2.0
1000-N	435W	-435.0	1000.0	-9.0	-2.0	-5.0	3.0

1000-N	455W	-455.0	1000.0	-10.0	1.0	-4.0	1.0
1000-N	475W	-475.0	1000.0	-9.0	.0	-3.0	2.0
1000-N	495W	-495.0	1000.0	2.0	2.0	6.0	2.0
1000-N	515W	-515.0	1000.0	5.0	.0	4.0	-1.0
1000-N	535W	-535.0	1000.0	4.0	.0	7.0	-3.0
1000-N	555W	-555.0	1000.0	2.0	.0	5.0	.0
1000-N	575W	-575.0	1000.0	-2.0	1.0	-1.0	.0
1000-N	595W	-595.0	1000.0	-5.0	-1.0	-4.0	1.0
1000-N	615W	-615.0	1000.0	-4.0	.0	1.0	2.0
1000-N	635W	-635.0	1000.0	.0	-1.0	.0	-1.0
1000-N	655W	-655.0	1000.0	.0	-2.0	.0	-3.0
1000-N	675W	-675.0	1000.0	.0	-3.0	1.0	-1.0
1000-N	695W	-695.0	1000.0	.0	-1.0	1.0	1.0
1000-N	715W	-715.0	1000.0	1.0	-1.0	2.0	-1.0
1000-N	735W	-735.0	1000.0	1.0	-1.0	1.0	-1.0
1000-N	755W	-755.0	1000.0	1.0	2.0	1.0	1.0
1000-N	775W	-775.0	1000.0	2.0	2.0	3.0	2.0
1000-N	795W	-795.0	1000.0	2.0	1.0	1.0	1.0
1000-N	815W	-815.0	1000.0	1.0	-3.0	.0	-3.0
1000-N	835W	-835.0	1000.0	-4.0	-3.0	-5.0	-4.0
1000-N	855W	-855.0	1000.0	-6.0	-4.0	-8.0	.0
1000-N	875W	-875.0	1000.0	-3.0	.0	-1.0	.0
1100-N	885W	-885.0	1100.0	1.0	-2.0	-2.0	1.0
1100-N	865W	-865.0	1100.0	-2.0	1.0	2.0	.0
1100-N	845W	-845.0	1100.0	3.0	-3.0	3.0	-4.0
1100-N	825W	-825.0	1100.0	1.0	-3.0	2.0	-2.0
1100-N	805W	-805.0	1100.0	2.0	-3.0	2.0	-4.0
1100-N	785W	-785.0	1100.0	2.0	-7.0	2.0	-3.0
1100-N	765W	-765.0	1100.0	1.0	.0	2.0	2.0
1100-N	745W	-745.0	1100.0	2.0	-1.0	3.0	2.0
1100-N	725W	-725.0	1100.0	1.0	-2.0	1.0	1.0
1100-N	705W	-705.0	1100.0	.0	3.0	2.0	3.0
1100-N	685W	-685.0	1100.0	1.0	.0	2.0	2.0
1100-N	665W	-665.0	1100.0	.0	-1.0	.0	1.0
1100-N	645W	-645.0	1100.0	2.0	1.0	3.0	3.0
1100-N	625W	-625.0	1100.0	2.0	.0	2.0	3.0
1100-N	605W	-605.0	1100.0	.0	.0	2.0	3.0
1100-N	585W	-585.0	1100.0	1.0	2.0	1.0	-1.0
1100-N	565W	-565.0	1100.0	1.0	.0	1.0	1.0
1100-N	545W	-545.0	1100.0	.0	.0	1.0	1.0
1100-N	525W	-525.0	1100.0	1.0	.0	2.0	2.0
1100-N	505W	-505.0	1100.0	.0	-1.0	2.0	3.0
1100-N	485W	-485.0	1100.0	2.0	.0	2.0	-1.0
1100-N	465W	-465.0	1100.0	1.0	.0	2.0	2.0
1100-N	445W	-445.0	1100.0	-5.0	.0	-5.0	-1.0
1100-N	425W	-425.0	1100.0	-14.0	1.0	-11.0	1.0
1100-N	405W	-405.0	1100.0	-14.0	.0	-10.0	1.0
1100-N	385W	-385.0	1100.0	-10.0	.0	-8.0	.0
1100-N	365W	-365.0	1100.0	-6.0	.0	-4.0	1.0
1100-N	345W	-345.0	1100.0	-2.0	.0	.0	.0
1100-N	325W	-325.0	1100.0	-1.0	-1.0	-1.0	2.0
1100-N	305W	-305.0	1100.0	-1.0	-1.0	-1.0	1.0
1100-N	285W	-285.0	1100.0	.0	-2.0	.0	.0
1100-N	265W	-265.0	1100.0	.0	.0	1.0	1.0
1100-N	245W	-245.0	1100.0	1.0	2.0	.0	2.0

1100-N	225W	-225.0	1100.0	.0	2.0	.0	2.0
1100-N	205W	-205.0	1100.0	.0	2.0	1.0	.0
1100-N	185W	-185.0	1100.0	1.0	.0	2.0	1.0
1100-N	165W	-165.0	1100.0	.0	-1.0	.0	-1.0
1100-N	145W	-145.0	1100.0	.0	.0	.0	-1.0
1100-N	125W	-125.0	1100.0	.0	-1.0	.0	-1.0
1100-N	105W	-105.0	1100.0	.0	-1.0	1.0	-1.0
1100-N	85W	-85.0	1100.0	1.0	-1.0	1.0	-1.0
1100-N	65W	-65.0	1100.0	1.0	1.0	2.0	-1.0
1100-N	45W	-45.0	1100.0	1.0	.0	2.0	.0
1100-N	25W	-25.0	1100.0	1.0	.0	2.0	1.0
1100-N	5W	-5.0	1100.0	2.0	.0	2.0	2.0
1100-N	15E	15.0	1100.0	2.0	1.0	2.0	2.0
1100-N	35E	35.0	1100.0	2.0	1.0	2.0	4.0
1100-N	55E	55.0	1100.0	2.0	1.0	1.0	3.0
1100-N	75E	75.0	1100.0	1.0	.0	.0	2.0
1100-N	95E	95.0	1100.0	1.0	2.0	1.0	1.0
1100-N	115E	115.0	1100.0	1.0	.0	.0	2.0
1100-N	135E	135.0	1100.0	1.0	.0	1.0	2.0
1100-N	155E	155.0	1100.0	.0	.0	.0	2.0
1100-N	175E	175.0	1100.0	.0	-1.0	.0	2.0
1100-N	195E	195.0	1100.0	.0	.0	.0	3.0
1100-N	215E	215.0	1100.0	1.0	.0	.0	2.0
1100-N	235E	235.0	1100.0	.0	-1.0	-1.0	1.0
1100-N	255E	255.0	1100.0	.0	.0	.0	2.0
1100-N	275E	275.0	1100.0	.0	.0	.0	2.0
1100-N	295E	295.0	1100.0	1.0	.0	.0	2.0
1100-N	315E	315.0	1100.0	.0	.0	.0	2.0
1100-N	335E	335.0	1100.0	.0	.0	-1.0	3.0
1100-N	355E	355.0	1100.0	.0	-1.0	-1.0	.0
1100-N	375E	375.0	1100.0	-1.0	.0	-2.0	1.0
1100-N	395E	395.0	1100.0	-2.0	.0	-3.0	1.0
1100-N	415E	415.0	1100.0	-2.0	-1.0	-2.0	.0
1100-N	435E	435.0	1100.0	-1.0	.0	-2.0	1.0
1100-N	455E	455.0	1100.0	-2.0	-1.0	-2.0	.0
1100-N	475E	475.0	1100.0	-2.0	-1.0	-3.0	1.0
1100-N	495E	495.0	1100.0	-2.0	1.0	-3.0	2.0
1100-N	515E	515.0	1100.0	-2.0	-1.0	-3.0	4.0
1100-N	535E	535.0	1100.0	-1.0	1.0	-2.0	3.0
1100-N	555E	555.0	1100.0	-1.0	-1.0	-1.0	3.0
1100-N	575E	575.0	1100.0	.0	1.0	-1.0	3.0
1100-N	595E	595.0	1100.0	.0	.0	-1.0	3.0
1100-N	615E	615.0	1100.0	-1.0	1.0	-2.0	3.0
1100-N	635E	635.0	1100.0	-1.0	.0	-1.0	3.0
1100-N	655E	655.0	1100.0	.0	.0	-1.0	4.0
1100-N	675E	675.0	1100.0	.0	.0	-1.0	4.0
1100-N	695E	695.0	1100.0	.0	1.0	-2.0	3.0
1100-N	715E	715.0	1100.0	-1.0	.0	-2.0	2.0
1100-N	735E	735.0	1100.0	-1.0	.0	-2.0	1.0
1100-N	755E	755.0	1100.0	-2.0	-1.0	-2.0	2.0
1100-N	775E	775.0	1100.0	-1.0	-1.0	-1.0	1.0
1100-N	795E	795.0	1100.0	.0	.0	-1.0	1.0
1100-N	815E	815.0	1100.0	.0	.0	-1.0	1.0
1100-N	835E	835.0	1100.0	-1.0	-1.0	-2.0	1.0
1100-N	855E	855.0	1100.0	-1.0	.0	-2.0	1.0

1100-N	875E	875.0	1100.0	-1.0	.0	-1.0	2.0
1200-N	605W	-605.0	1200.0	-1.0	.0	1.0	1.0
1200-N	585W	-585.0	1200.0	-1.0	1.0	.0	3.0
1200-N	565W	-565.0	1200.0	-1.0	.0	.0	2.0
1200-N	545W	-545.0	1200.0	-1.0	-1.0	.0	-1.0
1200-N	525W	-525.0	1200.0	-2.0	.0	-3.0	-1.0
1200-N	505W	-505.0	1200.0	-3.0	.0	-3.0	.0
1200-N	485W	-485.0	1200.0	-2.0	-3.0	-1.0	3.0
1200-N	465W	-465.0	1200.0	-2.0	-1.0	1.0	1.0
1200-N	445W	-445.0	1200.0	1.0	.0	1.0	3.0
1200-N	425W	-425.0	1200.0	1.0	1.0	1.0	3.0
1200-N	405W	-405.0	1200.0	.0	2.0	1.0	2.0
1200-N	385W	-385.0	1200.0	.0	-3.0	.0	3.0
1200-N	365W	-365.0	1200.0	-7.0	1.0	-11.0	2.0
1200-N	345W	-345.0	1200.0	-14.0	-1.0	-11.0	.0
1200-N	325W	-325.0	1200.0	-15.0	-1.0	-10.0	.0
1200-N	305W	-305.0	1200.0	-8.0	1.0	-6.0	1.0
1200-N	285W	-285.0	1200.0	-1.0	1.0	-1.0	2.0
1200-N	265W	-265.0	1200.0	-1.0	-1.0	.0	.0
1200-N	245W	-245.0	1200.0	-1.0	.0	2.0	1.0
1200-N	225W	-225.0	1200.0	-2.0	.0	2.0	1.0
1200-N	205W	-205.0	1200.0	-2.0	.0	.0	1.0
1200-N	185W	-185.0	1200.0	.0	.0	.0	1.0
1200-N	165W	-165.0	1200.0	1.0	1.0	.0	6.0
1200-N	145W	-145.0	1200.0	.0	.0	1.0	3.0
1200-N	125W	-125.0	1200.0	-1.0	.0	-1.0	2.0
1200-N	105W	-105.0	1200.0	-1.0	-1.0	.0	-1.0
1200-N	85W	-85.0	1200.0	-1.0	-1.0	.0	-1.0
1200-N	65W	-65.0	1200.0	.0	-2.0	.0	-1.0
1200-N	45W	-45.0	1200.0	1.0	-1.0	2.0	-1.0
1200-N	25W	-25.0	1200.0	.0	-1.0	1.0	-1.0
1200-N	5W	-5.0	1200.0	1.0	.0	2.0	-2.0
1200-N	15E	15.0	1200.0	1.0	-1.0	2.0	2.0
1200-N	35E	35.0	1200.0	2.0	-1.0	2.0	2.0
1200-N	55E	55.0	1200.0	2.0	.0	2.0	2.0
1200-N	75E	75.0	1200.0	1.0	.0	3.0	2.0
1200-N	95E	95.0	1200.0	1.0	.0	2.0	1.0
1200-N	115E	115.0	1200.0	1.0	.0	.0	3.0
1200-N	135E	135.0	1200.0	.0	.0	-1.0	1.0
1200-N	155E	155.0	1200.0	-2.0	-1.0	-2.0	2.0
1200-N	175E	175.0	1200.0	-1.0	2.0	.0	3.0
1200-N	195E	195.0	1200.0	.0	-1.0	-1.0	3.0
1200-N	215E	215.0	1200.0	-1.0	1.0	-1.0	2.0
1200-N	235E	235.0	1200.0	-1.0	1.0	-2.0	2.0
1200-N	255E	255.0	1200.0	-1.0	-1.0	-2.0	1.0
1200-N	275E	275.0	1200.0	.0	-1.0	1.0	1.0
1200-N	295E	295.0	1200.0	.0	-1.0	-1.0	2.0
1200-N	315E	315.0	1200.0	1.0	-1.0	-1.0	1.0
1200-N	335E	335.0	1200.0	.0	-1.0	-1.0	1.0
1200-N	355E	355.0	1200.0	.0	-1.0	.0	1.0
1200-N	375E	375.0	1200.0	.0	-1.0	1.0	1.0
1200-N	395E	395.0	1200.0	.0	.0	.0	1.0
1200-N	415E	415.0	1200.0	.0	.0	.0	-1.0
1200-N	435E	435.0	1200.0	.0	-1.0	.0	.0
1200-N	455E	455.0	1200.0	1.0	-1.0	.0	.0

1200-N	475E	475.0	1200.0	-3.0	-1.0	-4.0	1.0
1200-N	495E	495.0	1200.0	-5.0	.0	-3.0	-1.0
1200-N	515E	515.0	1200.0	-2.0	1.0	-3.0	2.0
1200-N	535E	535.0	1200.0	-2.0	-1.0	-2.0	3.0
1200-N	555E	555.0	1200.0	-3.0	1.0	-2.0	3.0
1200-N	575E	575.0	1200.0	-2.0	.0	-2.0	3.0
1200-N	595E	595.0	1200.0	-2.0	.0	-1.0	3.0
1200-N	615E	615.0	1200.0	-2.0	.0	-2.0	3.0
1200-N	635E	635.0	1200.0	-1.0	.0	-1.0	3.0
1200-N	655E	655.0	1200.0	.0	2.0	-1.0	2.0
1200-N	675E	675.0	1200.0	-1.0	1.0	-1.0	3.0
1200-N	695E	695.0	1200.0	.0	1.0	-1.0	3.0
1200-N	715E	715.0	1200.0	-1.0	-1.0	-2.0	3.0
1200-N	735E	735.0	1200.0	-1.0	2.0	-2.0	4.0
1200-N	755E	755.0	1200.0	-2.0	1.0	-4.0	3.0
1200-N	775E	775.0	1200.0	-3.0	1.0	-4.0	2.0
1200-N	795E	795.0	1200.0	-3.0	1.0	-4.0	2.0
1200-N	815E	815.0	1200.0	-3.0	.0	-3.0	1.0
1200-N	835E	835.0	1200.0	-1.0	2.0	.0	2.0
1200-N	855E	855.0	1200.0	.0	.0	-1.0	2.0
1200-N	875E	875.0	1200.0	-1.0	-1.0	-2.0	2.0
1200-N	895E	895.0	1200.0	1.0	-1.0	.0	1.0
1200-N	905E	905.0	1200.0	-2.0	-1.0	-2.0	2.0
1200-N	925E	925.0	1200.0	-1.0	.0	-2.0	2.0
1200-N	945E	945.0	1200.0	-2.0	-1.0	-2.0	1.0
1300-N	645E	645.0	1300.0	.0	2.0	-1.0	3.0
1300-N	625E	625.0	1300.0	.0	.0	-1.0	2.0
1300-N	605E	605.0	1300.0	-1.0	1.0	-2.0	2.0
1300-N	585E	585.0	1300.0	-2.0	1.0	-2.0	3.0
1300-N	565E	565.0	1300.0	-1.0	.0	-2.0	3.0
1300-N	545E	545.0	1300.0	-1.0	.0	-2.0	1.0
1300-N	525E	525.0	1300.0	-2.0	-1.0	-3.0	2.0
1300-N	505E	505.0	1300.0	-3.0	.0	-3.0	-1.0
1300-N	485E	485.0	1300.0	-1.0	.0	-2.0	-1.0
1300-N	465E	465.0	1300.0	-2.0	.0	-3.0	1.0
1300-N	445E	445.0	1300.0	-1.0	-1.0	-2.0	.0
1300-N	425E	425.0	1300.0	-2.0	1.0	-2.0	.0
1300-N	405E	405.0	1300.0	.0	.0	-2.0	2.0
1300-N	385E	385.0	1300.0	-1.0	-1.0	-2.0	4.0
1300-N	365E	365.0	1300.0	.0	-1.0	-2.0	2.0
1300-N	345E	345.0	1300.0	.0	.0	.0	.0
1300-N	325E	325.0	1300.0	.0	1.0	-2.0	.0
1300-N	305E	305.0	1300.0	.0	-1.0	-1.0	1.0
1300-N	285E	285.0	1300.0	.0	.0	-1.0	2.0
1300-N	265E	265.0	1300.0	.0	.0	-1.0	1.0
1300-N	245E	245.0	1300.0	-1.0	-1.0	-1.0	2.0
1300-N	225E	225.0	1300.0	.0	.0	-1.0	2.0
1300-N	205E	205.0	1300.0	.0	1.0	.0	3.0
1300-N	185E	185.0	1300.0	1.0	1.0	.0	2.0
1300-N	165E	165.0	1300.0	1.0	.0	1.0	1.0
1300-N	145E	145.0	1300.0	1.0	-1.0	.0	3.0
1300-N	125E	125.0	1300.0	1.0	-1.0	.0	3.0
1300-N	105E	105.0	1300.0	.0	-2.0	.0	2.0
1300-N	85E	85.0	1300.0	1.0	1.0	1.0	.0
1300-N	65E	65.0	1300.0	.0	-1.0	.0	1.0

1300-N	45E	45.0	1300.0	1.0	1.0	.0	1.0
1300-N	25E	25.0	1300.0	.0	.0	-2.0	2.0
1300-N	5E	5.0	1300.0	1.0	-1.0	.0	1.0
1300-N	15W	-15.0	1300.0	2.0	.0	.0	1.0
1300-N	35W	-35.0	1300.0	1.0	-1.0	.0	1.0
1300-N	55W	-55.0	1300.0	1.0	.0	1.0	.0
1300-N	75W	-75.0	1300.0	.0	1.0	.0	5.0
1300-N	95W	-95.0	1300.0	1.0	.0	1.0	3.0
1300-N	115W	-115.0	1300.0	1.0	-1.0	1.0	2.0
1300-N	135W	-135.0	1300.0	2.0	-2.0	2.0	3.0
1300-N	155W	-155.0	1300.0	2.0	.0	2.0	4.0
1300-N	175W	-175.0	1300.0	1.0	.0	1.0	2.0
1300-N	195W	-195.0	1300.0	1.0	1.0	1.0	-1.0
1300-N	215W	-215.0	1300.0	1.0	1.0	2.0	2.0
1300-N	235W	-235.0	1300.0	1.0	1.0	1.0	2.0
1300-N	255W	-255.0	1300.0	.0	1.0	-1.0	2.0
1300-N	275W	-275.0	1300.0	-6.0	.0	-5.0	1.0
1300-N	295W	-295.0	1300.0	-14.0	4.0	-12.0	-1.0
1300-N	315W	-315.0	1300.0	-19.0	1.0	-10.0	3.0
1300-N	335W	-335.0	1300.0	-4.0	-1.0	-2.0	.0
1300-N	355W	-355.0	1300.0	.0	2.0	.0	2.0
1300-N	375W	-375.0	1300.0	1.0	-2.0	3.0	-1.0
1300-N	395W	-395.0	1300.0	-1.0	-1.0	1.0	2.0
1300-N	415W	-415.0	1300.0	.0	-1.0	1.0	2.0
1300-N	435W	-435.0	1300.0	.0	-1.0	.0	3.0
1300-N	455W	-455.0	1300.0	-1.0	1.0	.0	2.0
1300-N	475W	-475.0	1300.0	-1.0	1.0	.0	1.0
1300-N	495W	-495.0	1300.0	-1.0	.0	-1.0	2.0
1300-N	515W	-515.0	1300.0	-3.0	1.0	-2.0	3.0
1300-N	535W	-535.0	1300.0	-6.0	-1.0	-4.0	1.0
1300-N	555W	-555.0	1300.0	-3.0	-1.0	-4.0	1.0
1400-N	1005E	1005.0	1400.0	-1.0	1.0	-3.0	2.0
1400-N	985E	985.0	1400.0	-3.0	.0	-5.0	1.0
1400-N	965E	965.0	1400.0	-4.0	.0	-3.0	1.0
1400-N	945E	945.0	1400.0	-3.0	1.0	-3.0	1.0
1400-N	925E	925.0	1400.0	-1.0	-1.0	-2.0	2.0
1400-N	905E	905.0	1400.0	-1.0	1.0	-2.0	2.0
1400-N	885E	885.0	1400.0	-2.0	-1.0	-3.0	2.0
1400-N	865E	865.0	1400.0	-2.0	-1.0	-2.0	2.0
1400-N	845E	845.0	1400.0	.0	.0	-2.0	3.0
1400-N	825E	825.0	1400.0	-1.0	1.0	-2.0	2.0
1400-N	805E	805.0	1400.0	-1.0	1.0	-1.0	2.0
1400-N	785E	785.0	1400.0	-1.0	-1.0	-2.0	2.0
1400-N	765E	765.0	1400.0	-1.0	.0	-1.0	2.0
1400-N	745E	745.0	1400.0	-1.0	.0	-1.0	2.0
1400-N	725E	725.0	1400.0	.0	.0	-1.0	2.0
1400-N	705E	705.0	1400.0	.0	.0	-1.0	2.0
1400-N	685E	685.0	1400.0	-1.0	-1.0	-1.0	2.0
1400-N	665E	665.0	1400.0	-1.0	-1.0	-1.0	3.0
1400-N	645E	645.0	1400.0	-1.0	1.0	-1.0	2.0
1400-N	625E	625.0	1400.0	-1.0	1.0	-2.0	3.0
1400-N	605E	605.0	1400.0	.0	1.0	-1.0	2.0
1400-N	585E	585.0	1400.0	-1.0	-1.0	-2.0	3.0
1400-N	565E	565.0	1400.0	-2.0	-1.0	-3.0	1.0
1400-N	545E	545.0	1400.0	-1.0	.0	-2.0	1.0

1400-N	525E	525.0	1400.0	-1.0	.0	-2.0	.0
1400-N	505E	505.0	1400.0	-2.0	.0	-2.0	.0
1400-N	485E	485.0	1400.0	.0	-1.0	-1.0	-1.0
1400-N	465E	465.0	1400.0	-1.0	.0	-2.0	.0
1400-N	445E	445.0	1400.0	-1.0	-1.0	-2.0	-1.0
1400-N	425E	425.0	1400.0	-1.0	-1.0	.0	1.0
1400-N	405E	405.0	1400.0	-1.0	.0	-1.0	3.0
1400-N	385E	385.0	1400.0	-1.0	.0	-2.0	3.0
1400-N	365E	365.0	1400.0	-1.0	1.0	-2.0	2.0
1400-N	345E	345.0	1400.0	-2.0	-1.0	-1.0	2.0
1400-N	325E	325.0	1400.0	-1.0	.0	-1.0	1.0
1400-N	305E	305.0	1400.0	-1.0	.0	.0	1.0
1400-N	285E	285.0	1400.0	-1.0	1.0	-1.0	1.0
1400-N	265E	265.0	1400.0	-1.0	.0	.0	.0
1400-N	245E	245.0	1400.0	-1.0	.0	.0	.0
1400-N	225E	225.0	1400.0	.0	.0	-1.0	2.0
1400-N	205E	205.0	1400.0	.0	1.0	.0	3.0
1400-N	185E	185.0	1400.0	.0	2.0	1.0	2.0
1400-N	165E	165.0	1400.0	1.0	2.0	2.0	3.0
1400-N	145E	145.0	1400.0	2.0	2.0	3.0	3.0
1400-N	125E	125.0	1400.0	2.0	1.0	2.0	3.0
1400-N	105E	105.0	1400.0	2.0	-1.0	2.0	3.0
1400-N	85E	85.0	1400.0	1.0	-1.0	2.0	3.0
1400-N	65E	65.0	1400.0	1.0	2.0	.0	1.0
1400-N	45E	45.0	1400.0	1.0	1.0	.0	.0
1400-N	25E	25.0	1400.0	1.0	1.0	1.0	5.0
1400-N	5E	5.0	1400.0	2.0	.0	2.0	1.0
1400-N	15W	-15.0	1400.0	2.0	-1.0	2.0	1.0
1400-N	35W	-35.0	1400.0	2.0	.0	2.0	1.0
1400-N	55W	-55.0	1400.0	2.0	-1.0	1.0	1.0
1400-N	75W	-75.0	1400.0	2.0	-1.0	2.0	.0
1400-N	95W	-95.0	1400.0	1.0	1.0	1.0	2.0
1400-N	115W	-115.0	1400.0	2.0	.0	1.0	1.0
1400-N	135W	-135.0	1400.0	2.0	-1.0	1.0	1.0
1400-N	155W	-155.0	1400.0	1.0	-2.0	.0	1.0
1400-N	175W	-175.0	1400.0	1.0	-1.0	1.0	.0
1400-N	195W	-195.0	1400.0	.0	-1.0	.0	-1.0
1400-N	215W	-215.0	1400.0	.0	.0	-1.0	1.0
1400-N	235W	-235.0	1400.0	.0	-1.0	-2.0	.0
1400-N	255W	-255.0	1400.0	-12.0	-1.0	-7.0	1.0
1400-N	275W	-275.0	1400.0	-13.0	-1.0	-10.0	.0
1400-N	295W	-295.0	1400.0	-12.0	-1.0	-8.0	4.0
1400-N	315W	-315.0	1400.0	-7.0	1.0	-3.0	2.0
1400-N	335W	-335.0	1400.0	-1.0	1.0	.0	.0
1400-N	355W	-355.0	1400.0	.0	-1.0	1.0	-2.0
1400-N	375W	-375.0	1400.0	-1.0	-1.0	.0	1.0
1400-N	395W	-395.0	1400.0	.0	.0	-1.0	.0
1400-N	415W	-415.0	1400.0	-1.0	.0	-2.0	.0
1400-N	435W	-435.0	1400.0	-1.0	-1.0	-2.0	.0
1400-N	455W	-455.0	1400.0	-2.0	-2.0	-3.0	-1.0
1400-N	475W	-475.0	1400.0	-2.0	-1.0	-1.0	-1.0
1400-N	495W	-495.0	1400.0	.0	-1.0	-1.0	-1.0
1500-N	465W	-465.0	1500.0	.0	1.0	-2.0	2.0
1500-N	445W	-445.0	1500.0	-2.0	.0	-1.0	1.0
1500-N	425W	-425.0	1500.0	-2.0	.0	-1.0	-1.0

1500-N	405W	-405.0	1500.0	-1.0	.0	.0	.0
1500-N	385W	-385.0	1500.0	.0	1.0	1.0	1.0
1500-N	365W	-365.0	1500.0	.0	.0	.0	1.0
1500-N	345W	-345.0	1500.0	-2.0	.0	-1.0	1.0
1500-N	325W	-325.0	1500.0	-1.0	.0	-1.0	2.0
1500-N	305W	-305.0	1500.0	.0	-1.0	.0	1.0
1500-N	285W	-285.0	1500.0	.0	-2.0	-1.0	.0
1500-N	265W	-265.0	1500.0	-11.0	-1.0	-7.0	1.0
1500-N	245W	-245.0	1500.0	-8.0	2.0	-4.0	3.0
1500-N	225W	-225.0	1500.0	-2.0	-1.0	-1.0	2.0
1500-N	205W	-205.0	1500.0	6.0	-1.0	4.0	.0
1500-N	185W	-185.0	1500.0	3.0	-1.0	4.0	1.0
1500-N	165W	-165.0	1500.0	4.0	.0	4.0	.0
1500-N	145W	-145.0	1500.0	2.0	.0	.0	1.0
1500-N	125W	-125.0	1500.0	.0	1.0	.0	2.0
1500-N	105W	-105.0	1500.0	.0	1.0	1.0	3.0
1500-N	85W	-85.0	1500.0	1.0	-1.0	2.0	2.0
1500-N	65W	-65.0	1500.0	2.0	.0	2.0	3.0
1500-N	45W	-45.0	1500.0	2.0	-1.0	1.0	2.0
1500-N	25W	-25.0	1500.0	1.0	.0	1.0	2.0
1500-N	5W	-5.0	1500.0	1.0	-1.0	2.0	2.0
1500-N	15E	15.0	1500.0	2.0	-1.0	2.0	2.0
1500-N	35E	35.0	1500.0	2.0	.0	2.0	1.0
1500-N	55E	55.0	1500.0	2.0	1.0	2.0	1.0
1500-N	75E	75.0	1500.0	.0	.0	-1.0	1.0
1500-N	115E	115.0	1500.0	.0	-1.0	.0	3.0
1500-N	135E	135.0	1500.0	.0	.0	-1.0	3.0
1500-N	155E	155.0	1500.0	-1.0	-1.0	-2.0	4.0
1500-N	175E	175.0	1500.0	1.0	-1.0	1.0	3.0
1500-N	195E	195.0	1500.0	.0	.0	-1.0	2.0
1500-N	215E	215.0	1500.0	.0	.0	-1.0	2.0
1500-N	235E	235.0	1500.0	.0	.0	-1.0	2.0
1500-N	255E	255.0	1500.0	1.0	1.0	-1.0	1.0
1500-N	275E	275.0	1500.0	1.0	-1.0	1.0	.0
1500-N	295E	295.0	1500.0	.0	-1.0	1.0	.0
1500-N	315E	315.0	1500.0	.0	.0	-1.0	1.0
1500-N	335E	335.0	1500.0	.0	.0	.0	1.0
1500-N	355E	355.0	1500.0	1.0	-1.0	.0	1.0
1500-N	375E	375.0	1500.0	.0	-1.0	-1.0	2.0
1500-N	415E	415.0	1500.0	.0	.0	-1.0	3.0
1500-N	435E	435.0	1500.0	-1.0	.0	.0	1.0
1500-N	455E	455.0	1500.0	1.0	.0	-1.0	1.0
1500-N	475E	475.0	1500.0	.0	.0	-2.0	2.0
1500-N	495E	495.0	1500.0	.0	1.0	-2.0	2.0
1500-N	515E	515.0	1500.0	.0	.0	.0	1.0
1500-N	535E	535.0	1500.0	1.0	1.0	-1.0	2.0
1500-N	555E	555.0	1500.0	1.0	.0	.0	2.0
1500-N	575E	575.0	1500.0	.0	-1.0	-1.0	2.0
1500-N	595E	595.0	1500.0	.0	.0	-2.0	3.0
1500-N	615E	615.0	1500.0	.0	.0	-2.0	3.0
1500-N	635E	635.0	1500.0	.0	1.0	-1.0	1.0
1500-N	655E	655.0	1500.0	.0	.0	-2.0	1.0
1500-N	675E	675.0	1500.0	-1.0	-1.0	-2.0	2.0
1500-N	695E	695.0	1500.0	-2.0	-1.0	-3.0	2.0
1500-N	715E	715.0	1500.0	-1.0	-1.0	-2.0	2.0

1500-N	735E	735.0	1500.0	-1.0	.0	-2.0	2.0
1500-N	755E	755.0	1500.0	.0	.0	-1.0	2.0
1500-N	775E	775.0	1500.0	1.0	.0	-1.0	2.0
1500-N	795E	795.0	1500.0	.0	.0	.0	3.0
1500-N	815E	815.0	1500.0	1.0	.0	-1.0	2.0
1500-N	835E	835.0	1500.0	.0	.0	.0	3.0
1500-N	855E	855.0	1500.0	1.0	1.0	-2.0	3.0
1500-N	875E	875.0	1500.0	.0	-1.0	-2.0	2.0
1500-N	895E	895.0	1500.0	-1.0	1.0	-2.0	2.0
1500-N	915E	915.0	1500.0	-2.0	.0	-2.0	3.0
1500-N	935E	935.0	1500.0	-2.0	.0	-4.0	2.0
1500-N	955E	955.0	1500.0	-2.0	-1.0	-3.0	2.0
1500-N	975E	975.0	1500.0	-2.0	-1.0	-3.0	2.0
1500-N	995E	995.0	1500.0	-1.0	-1.0	-2.0	1.0
1500-N	1015E	1015.0	1500.0	-1.0	-1.0	-2.0	2.0
1500-N	1035E	1035.0	1500.0	-1.0	-1.0	-2.0	2.0
1600-N	825E	825.0	1600.0	.0	.0	-1.0	3.0
1600-N	805E	805.0	1600.0	-1.0	.0	-1.0	3.0
1600-N	785E	785.0	1600.0	-1.0	-1.0	-2.0	2.0
1600-N	765E	765.0	1600.0	-1.0	.0	-1.0	2.0
1600-N	745E	745.0	1600.0	.0	.0	-3.0	2.0
1600-N	725E	725.0	1600.0	-1.0	-1.0	-2.0	1.0
1600-N	705E	705.0	1600.0	-1.0	.0	-3.0	2.0
1600-N	685E	685.0	1600.0	-1.0	.0	-2.0	1.0
1600-N	665E	665.0	1600.0	.0	-1.0	-2.0	2.0
1600-N	645E	645.0	1600.0	.0	-1.0	-1.0	2.0
1600-N	625E	625.0	1600.0	.0	.0	-2.0	2.0
1600-N	605E	605.0	1600.0	-2.0	.0	-2.0	2.0
1600-N	585E	585.0	1600.0	-1.0	.0	-2.0	1.0
1600-N	565E	565.0	1600.0	-1.0	.0	-1.0	2.0
1600-N	545E	545.0	1600.0	-2.0	-1.0	-2.0	1.0
1600-N	525E	525.0	1600.0	.0	.0	-1.0	1.0
1600-N	505E	505.0	1600.0	.0	-1.0	-2.0	2.0
1600-N	485E	485.0	1600.0	-1.0	-1.0	-1.0	2.0
1600-N	465E	465.0	1600.0	.0	.0	-1.0	1.0
1600-N	445E	445.0	1600.0	-1.0	.0	-2.0	3.0
1600-N	425E	425.0	1600.0	-1.0	1.0	-1.0	3.0
1600-N	405E	405.0	1600.0	-1.0	1.0	-2.0	2.0
1600-N	385E	385.0	1600.0	-1.0	1.0	-1.0	3.0
1600-N	365E	365.0	1600.0	-1.0	-1.0	-1.0	1.0
1600-N	345E	345.0	1600.0	.0	-1.0	-1.0	1.0
1600-N	325E	325.0	1600.0	1.0	-1.0	.0	1.0
1600-N	305E	305.0	1600.0	.0	1.0	.0	1.0
1600-N	285E	285.0	1600.0	-1.0	-1.0	-1.0	2.0
1600-N	265E	265.0	1600.0	.0	1.0	-1.0	2.0
1600-N	245E	245.0	1600.0	-1.0	-1.0	.0	3.0
1600-N	225E	225.0	1600.0	-2.0	1.0	-1.0	4.0
1600-N	205E	205.0	1600.0	.0	1.0	-1.0	3.0
1600-N	185E	185.0	1600.0	.0	-1.0	-2.0	1.0
1600-N	165E	165.0	1600.0	.0	.0	-2.0	3.0
1600-N	145E	145.0	1600.0	.0	1.0	-1.0	2.0
1600-N	125E	125.0	1600.0	.0	-1.0	-1.0	-3.0
1600-N	105E	105.0	1600.0	-1.0	-2.0	-1.0	-3.0
1600-N	85E	85.0	1600.0	1.0	-1.0	.0	-1.0
1600-N	65E	65.0	1600.0	2.0	-1.0	2.0	-1.0

1600-N	45E	45.0	1600.0	2.0	-1.0	1.0	2.0
1600-N	25E	25.0	1600.0	1.0	-1.0	1.0	1.0
1600-N	5E	5.0	1600.0	1.0	.0	1.0	1.0
1600-N	15W	-15.0	1600.0	.0	1.0	.0	2.0
1600-N	35W	-35.0	1600.0	1.0	1.0	1.0	3.0
1600-N	55W	-55.0	1600.0	2.0	1.0	2.0	2.0
1600-N	75W	-75.0	1600.0	2.0	.0	2.0	.0
1600-N	95W	-95.0	1600.0	2.0	-1.0	1.0	.0
1600-N	115W	-115.0	1600.0	1.0	-1.0	1.0	.0
1600-N	135W	-135.0	1600.0	2.0	-1.0	-1.0	2.0
1600-N	155W	-155.0	1600.0	1.0	2.0	.0	2.0
1600-N	175W	-175.0	1600.0	3.0	1.0	3.0	1.0
1600-N	195W	-195.0	1600.0	2.0	.0	3.0	2.0
1600-N	215W	-215.0	1600.0	2.0	-1.0	3.0	2.0
1600-N	235W	-235.0	1600.0	-1.0	.0	2.0	-1.0
1600-N	255W	-255.0	1600.0	.0	1.0	1.0	1.0
1600-N	275W	-275.0	1600.0	-3.0	.0	-2.0	2.0
1600-N	295W	-295.0	1600.0	-1.0	-1.0	-1.0	1.0
1600-N	315W	-315.0	1600.0	.0	2.0	1.0	-1.0
1600-N	335W	-335.0	1600.0	.0	-2.0	1.0	-1.0
1600-N	355W	-355.0	1600.0	2.0	-1.0	2.0	.0
1600-N	375W	-375.0	1600.0	1.0	2.0	.0	1.0
1600-N	415W	-415.0	1600.0	.0	.0	2.0	2.0
1600-N	435W	-435.0	1600.0	-1.0	-1.0	1.0	-4.0
1700-N	385W	-385.0	1700.0	1.0	-1.0	1.0	2.0
1700-N	365W	-365.0	1700.0	.0	.0	-1.0	1.0
1700-N	345W	-345.0	1700.0	-1.0	1.0	-1.0	1.0
1700-N	325W	-325.0	1700.0	.0	.0	.0	2.0
1700-N	305W	-305.0	1700.0	-2.0	.0	1.0	3.0
1700-N	285W	-285.0	1700.0	.0	1.0	-2.0	3.0
1700-N	265W	-265.0	1700.0	.0	.0	-1.0	.0
1700-N	245W	-245.0	1700.0	.0	.0	-1.0	1.0
1700-N	225W	-225.0	1700.0	.0	.0	-1.0	.0
1700-N	205W	-205.0	1700.0	.0	1.0	.0	2.0
1700-N	185W	-185.0	1700.0	-1.0	1.0	-1.0	3.0
1700-N	165W	-165.0	1700.0	.0	.0	-1.0	3.0
1700-N	145W	-145.0	1700.0	.0	1.0	-2.0	3.0
1700-N	125W	-125.0	1700.0	-1.0	.0	-2.0	2.0
1700-N	105W	-105.0	1700.0	-1.0	.0	-1.0	2.0
1700-N	85W	-85.0	1700.0	-1.0	.0	-1.0	1.0
1700-N	65W	-65.0	1700.0	-1.0	1.0	-1.0	1.0
1700-N	45W	-45.0	1700.0	.0	-1.0	.0	1.0
1700-N	25W	-25.0	1700.0	.0	1.0	.0	-1.0
1700-N	5W	-5.0	1700.0	-1.0	1.0	.0	3.0
1700-N	15E	15.0	1700.0	.0	.0	.0	2.0
1700-N	35E	35.0	1700.0	.0	1.0	.0	1.0
1700-N	55E	55.0	1700.0	-1.0	-1.0	.0	-1.0
1700-N	75E	75.0	1700.0	.0	-1.0	.0	-1.0
1700-N	95E	95.0	1700.0	1.0	-1.0	1.0	-2.0
1700-N	115E	115.0	1700.0	.0	-1.0	.0	-3.0
1700-N	135E	135.0	1700.0	-1.0	-1.0	-1.0	-2.0
1700-N	155E	155.0	1700.0	.0	-1.0	-1.0	-2.0
1700-N	175E	175.0	1700.0	-1.0	-1.0	-1.0	.0
1700-N	195E	195.0	1700.0	.0	.0	.0	2.0
1700-N	215E	215.0	1700.0	-1.0	-1.0	.0	2.0

1700-N	235E	235.0	1700.0	.0	.0	.0	2.0
1700-N	255E	255.0	1700.0	.0	-1.0	-1.0	4.0
1700-N	275E	275.0	1700.0	-1.0	-1.0	-2.0	3.0
1700-N	295E	295.0	1700.0	1.0	.0	-1.0	3.0
1700-N	315E	315.0	1700.0	.0	-1.0	-2.0	2.0
1700-N	335E	335.0	1700.0	.0	.0	-1.0	1.0
1700-N	355E	355.0	1700.0	.0	-1.0	.0	2.0
1700-N	375E	375.0	1700.0	2.0	.0	.0	.0
1700-N	395E	395.0	1700.0	.0	.0	-1.0	3.0
1700-N	415E	415.0	1700.0	.0	.0	-1.0	3.0
1700-N	435E	435.0	1700.0	-1.0	.0	-2.0	3.0
1700-N	455E	455.0	1700.0	-2.0	1.0	-1.0	3.0
1700-N	475E	475.0	1700.0	.0	.0	-1.0	4.0
1700-N	495E	495.0	1700.0	.0	.0	-1.0	4.0
1700-N	515E	515.0	1700.0	.0	1.0	-1.0	3.0
1700-N	535E	535.0	1700.0	.0	-1.0	.0	2.0
1700-N	555E	555.0	1700.0	1.0	-1.0	.0	1.0
1700-N	575E	575.0	1700.0	.0	.0	-2.0	2.0
1700-N	595E	595.0	1700.0	-1.0	1.0	-2.0	1.0
1700-N	615E	615.0	1700.0	.0	-1.0	-3.0	1.0
1800-N	385E	385.0	1800.0	.0	-3.0	.0	1.0
1800-N	365E	365.0	1800.0	.0	.0	-1.0	2.0
1800-N	345E	345.0	1800.0	-1.0	1.0	.0	2.0
1800-N	325E	325.0	1800.0	.0	1.0	.0	3.0
1800-N	305E	305.0	1800.0	.0	1.0	1.0	2.0
1800-N	285E	285.0	1800.0	1.0	2.0	.0	4.0
1800-N	265E	265.0	1800.0	.0	.0	.0	2.0
1800-N	245E	245.0	1800.0	-1.0	1.0	-1.0	2.0
1800-N	225E	225.0	1800.0	-2.0	.0	-3.0	1.0
1800-N	205E	205.0	1800.0	-2.0	.0	-3.0	.0
1800-N	185E	185.0	1800.0	-2.0	.0	-3.0	-1.0
1800-N	165E	165.0	1800.0	.0	.0	.0	.0
1800-N	145E	145.0	1800.0	-1.0	.0	-1.0	.0
1800-N	125E	125.0	1800.0	.0	-1.0	-2.0	.0
1800-N	105E	105.0	1800.0	1.0	-1.0	-1.0	1.0
1800-N	85E	85.0	1800.0	1.0	1.0	2.0	.0
1800-N	65E	65.0	1800.0	2.0	.0	2.0	2.0
1800-N	45E	45.0	1800.0	2.0	-1.0	2.0	2.0
1800-N	25E	25.0	1800.0	1.0	-1.0	2.0	2.0
1800-N	5E	5.0	1800.0	.0	.0	1.0	1.0
1800-N	15W	-15.0	1800.0	1.0	1.0	.0	2.0
1800-N	35W	-35.0	1800.0	1.0	-1.0	-1.0	1.0
1800-N	55W	-55.0	1800.0	.0	1.0	-1.0	1.0
1800-N	75W	-75.0	1800.0	.0	1.0	1.0	1.0
1800-N	95W	-95.0	1800.0	-2.0	1.0	-2.0	1.0
1800-N	115W	-115.0	1800.0	-2.0	.0	.0	-1.0
1800-N	135W	-135.0	1800.0	-1.0	.0	.0	.0
1800-N	155W	-155.0	1800.0	-2.0	.0	-1.0	.0
1800-N	175W	-175.0	1800.0	-1.0	-1.0	-1.0	.0
1800-N	195W	-195.0	1800.0	-1.0	1.0	-2.0	.0
1800-N	215W	-215.0	1800.0	-2.0	-1.0	-4.0	.0
1800-N	235W	-235.0	1800.0	-2.0	.0	-2.0	1.0
1800-N	255W	-255.0	1800.0	-3.0	1.0	-2.0	.0
1800-N	275W	-275.0	1800.0	-2.0	-1.0	1.0	1.0
1900-N	225W	-225.0	1900.0	.0	.0	.0	1.0

1900-N	205W	-205.0	1900.0	-2.0	1.0	-1.0	1.0
1900-N	185W	-185.0	1900.0	.0	.0	1.0	.0
1900-N	165W	-165.0	1900.0	.0	-1.0	1.0	1.0
1900-N	145W	-145.0	1900.0	-2.0	.0	-1.0	-1.0
1900-N	125W	-125.0	1900.0	.0	.0	.0	.0
1900-N	105W	-105.0	1900.0	-1.0	.0	-1.0	.0
1900-N	85W	-85.0	1900.0	-1.0	-1.0	.0	.0
1900-N	65W	-65.0	1900.0	.0	.0	.0	.0
1900-N	45W	-45.0	1900.0	-2.0	-1.0	-2.0	1.0
1900-N	25W	-25.0	1900.0	-1.0	.0	-1.0	2.0
1900-N	5W	-5.0	1900.0	-2.0	1.0	-2.0	1.0
1900-N	15E	15.0	1900.0	-1.0	-1.0	-2.0	1.0
1900-N	35E	35.0	1900.0	-1.0	1.0	-1.0	2.0
1900-N	55E	55.0	1900.0	.0	1.0	1.0	1.0
1900-N	75E	75.0	1900.0	.0	1.0	2.0	2.0
1900-N	95E	95.0	1900.0	1.0	-1.0	1.0	1.0
1900-N	115E	115.0	1900.0	.0	-1.0	.0	.0
1900-N	135E	135.0	1900.0	-1.0	-1.0	.0	1.0
1900-N	155E	155.0	1900.0	-1.0	-1.0	.0	.0
1900-N	175E	175.0	1900.0	-1.0	-1.0	1.0	.0
1900-N	195E	195.0	1900.0	.0	.0	2.0	.0
1900-N	215E	215.0	1900.0	-2.0	.0	-2.0	1.0
1900-N	235E	235.0	1900.0	-2.0	1.0	-3.0	1.0
1900-N	255E	255.0	1900.0	-2.0	.0	-1.0	2.0
1900-N	275E	275.0	1900.0	-2.0	1.0	-1.0	1.0
1900-N	295E	295.0	1900.0	-2.0	1.0	-1.0	1.0
1900-N	315E	315.0	1900.0	-2.0	.0	-1.0	2.0
1900-N	335E	335.0	1900.0	.0	1.0	-1.0	2.0
1900-N	355E	355.0	1900.0	-1.0	-1.0	-1.0	2.0
1900-N	375E	375.0	1900.0	-1.0	.0	-2.0	1.0
1900-N	395E	395.0	1900.0	.0	.0	-2.0	2.0
1900-N	415E	415.0	1900.0	-1.0	1.0	-2.0	1.0
1900-N	435E	435.0	1900.0	-1.0	.0	.0	1.0
2000-N	485E	485.0	2000.0	-1.0	.0	-2.0	1.0
2000-N	465E	465.0	2000.0	-2.0	1.0	-1.0	1.0
2000-N	445E	445.0	2000.0	-2.0	.0	-2.0	.0
2000-N	425E	425.0	2000.0	-1.0	.0	-2.0	1.0
2000-N	405E	405.0	2000.0	.0	1.0	-1.0	1.0
2000-N	385E	385.0	2000.0	.0	1.0	-2.0	1.0
2000-N	365E	365.0	2000.0	.0	1.0	-1.0	2.0
2000-N	345E	345.0	2000.0	.0	1.0	.0	2.0
2000-N	325E	325.0	2000.0	-1.0	1.0	-1.0	2.0
2000-N	305E	305.0	2000.0	-1.0	-1.0	.0	3.0
2000-N	285E	285.0	2000.0	.0	.0	-1.0	1.0
2000-N	265E	265.0	2000.0	.0	-1.0	1.0	1.0
2000-N	245E	245.0	2000.0	-2.0	-1.0	-3.0	-1.0
2000-N	225E	225.0	2000.0	-1.0	-1.0	1.0	-1.0
2000-N	205E	205.0	2000.0	.0	.0	1.0	.0
2000-N	185E	185.0	2000.0	1.0	1.0	2.0	1.0
2000-N	165E	165.0	2000.0	.0	.0	.0	.0
2000-N	145E	145.0	2000.0	-1.0	-2.0	-1.0	.0
2000-N	125E	125.0	2000.0	-2.0	-1.0	-2.0	1.0
2000-N	105E	105.0	2000.0	-4.0	-1.0	-4.0	.0
2000-N	85E	85.0	2000.0	-3.0	.0	-1.0	1.0
2000-N	65E	65.0	2000.0	-2.0	.0	-1.0	.0

2000-N	45E	45.0	2000.0	-2.0	-1.0	-2.0	1.0
2000-N	25E	25.0	2000.0	-2.0	-1.0	-2.0	.0
2000-N	5E	5.0	2000.0	-2.0	.0	-2.0	1.0
2000-N	15W	-15.0	2000.0	-1.0	-1.0	-1.0	2.0
2000-N	35W	-35.0	2000.0	-1.0	-1.0	-1.0	1.0
2000-N	55W	-55.0	2000.0	-1.0	-1.0	.0	.0
2000-N	75W	-75.0	2000.0	-2.0	-1.0	-3.0	1.0
2000-N	95W	-95.0	2000.0	-1.0	.0	-1.0	2.0
2000-N	115W	-115.0	2000.0	-1.0	.0	-1.0	2.0
2000-N	135W	-135.0	2000.0	-2.0	1.0	1.0	.0
2000-N	155W	-155.0	2000.0	-1.0	-1.0	.0	1.0
2000-N	175W	-175.0	2000.0	-2.0	.0	-1.0	-1.0
2000-N	195W	-195.0	2000.0	-2.0	-1.0	-1.0	-1.0
2000-N	215W	-215.0	2000.0	.0	.0	1.0	.0
2000-N	235W	-235.0	2000.0	-2.0	-1.0	.0	-1.0
2000-N	255W	-255.0	2000.0	.0	-1.0	.0	-1.0
2000-N	275W	-275.0	2000.0	.0	1.0	.0	-1.0
2000-N	295W	-295.0	2000.0	-1.0	-2.0	12.0	-1.0
2000-N	315W	-315.0	2000.0	-1.0	-2.0	-1.0	-1.0
2100-N	205W	-205.0	2100.0	.0	-1.0	.0	-1.0
2100-N	185W	-185.0	2100.0	-2.0	-1.0	-2.0	1.0
2100-N	165W	-165.0	2100.0	-2.0	.0	.0	1.0
2100-N	145W	-145.0	2100.0	-1.0	.0	1.0	1.0
2100-N	125W	-125.0	2100.0	-1.0	.0	.0	2.0
2100-N	105W	-105.0	2100.0	-1.0	1.0	.0	2.0
2100-N	85W	-85.0	2100.0	.0	.0	1.0	1.0
2100-N	65W	-65.0	2100.0	1.0	.0	2.0	.0
2100-N	45W	-45.0	2100.0	.0	1.0	1.0	-1.0
2100-N	25W	-25.0	2100.0	-1.0	-1.0	.0	.0
2100-N	5W	-5.0	2100.0	-2.0	1.0	1.0	-6.0
2100-N	15E	15.0	2100.0	-1.0	.0	.0	2.0
2100-N	35E	35.0	2100.0	-1.0	-1.0	-1.0	1.0
2100-N	55E	55.0	2100.0	.0	-1.0	.0	.0
2100-N	75E	75.0	2100.0	-1.0	-1.0	1.0	1.0
2100-N	95E	95.0	2100.0	-2.0	.0	-2.0	.0
2100-N	115E	115.0	2100.0	-1.0	2.0	.0	2.0
2100-N	135E	135.0	2100.0	-1.0	.0	-1.0	.0
2100-N	155E	155.0	2100.0	-1.0	1.0	-1.0	1.0
2100-N	175E	175.0	2100.0	-1.0	.0	.0	.0
2100-N	195E	195.0	2100.0	-1.0	.0	1.0	-1.0
2100-N	215E	215.0	2100.0	.0	.0	1.0	1.0
2100-N	235E	235.0	2100.0	.0	.0	1.0	1.0
2100-N	255E	255.0	2100.0	.0	.0	1.0	.0
2100-N	275E	275.0	2100.0	-1.0	-2.0	-1.0	-1.0
2100-N	295E	295.0	2100.0	.0	1.0	-1.0	1.0
2100-N	315E	315.0	2100.0	-1.0	.0	-2.0	3.0
2100-N	335E	335.0	2100.0	.0	1.0	-3.0	4.0
2100-N	355E	355.0	2100.0	-1.0	.0	-3.0	3.0
2200-N	405E	405.0	2200.0	-1.0	.0	-1.0	2.0
2200-N	385E	385.0	2200.0	.0	-1.0	-3.0	4.0
2200-N	365E	365.0	2200.0	-2.0	.0	-2.0	2.0
2200-N	345E	345.0	2200.0	-2.0	.0	15.0	4.0
2200-N	325E	325.0	2200.0	-2.0	-1.0	-3.0	1.0
2200-N	305E	305.0	2200.0	-2.0	-1.0	-2.0	-2.0
2200-N	285E	285.0	2200.0	-2.0	-3.0	-2.0	-1.0

2200-N	265E	265.0	2200.0	-2.0	-1.0	.0	-3.0
2200-N	245E	245.0	2200.0	-1.0	.0	.0	-1.0
2200-N	225E	225.0	2200.0	.0	-2.0	.0	-1.0
2200-N	205E	205.0	2200.0	.0	-1.0	.0	.0
2200-N	185E	185.0	2200.0	-1.0	.0	.0	1.0
2200-N	165E	165.0	2200.0	-6.0	-1.0	-6.0	1.0
2200-N	145E	145.0	2200.0	-6.0	-1.0	-4.0	2.0
2200-N	125E	125.0	2200.0	-7.0	.0	-6.0	.0
2200-N	105E	105.0	2200.0	-9.0	1.0	-10.0	.0
2200-N	85E	85.0	2200.0	-3.0	1.0	-2.0	.0
2200-N	65E	65.0	2200.0	-4.0	.0	-3.0	.0
2200-N	45E	45.0	2200.0	-4.0	2.0	-2.0	2.0
2200-N	25E	25.0	2200.0	-6.0	.0	-4.0	.0
2200-N	5E	5.0	2200.0	-5.0	-1.0	-2.0	1.0
2200-N	15W	-15.0	2200.0	.0	1.0	1.0	2.0
2200-N	35W	-35.0	2200.0	-1.0	2.0	2.0	2.0
2200-N	55W	-55.0	2200.0	.0	.0	1.0	.0
2200-N	75W	-75.0	2200.0	.0	.0	2.0	1.0
2200-N	95W	-95.0	2200.0	-2.0	-1.0	1.0	-1.0
2200-N	115W	-115.0	2200.0	.0	-2.0	2.0	2.0
2200-N	135W	-135.0	2200.0	-1.0	1.0	1.0	.0
2200-N	155W	-155.0	2200.0	-1.0	1.0	.0	1.0
2300-N	185W	-185.0	2300.0	.0	.0	-1.0	1.0
2300-N	165W	-165.0	2300.0	-2.0	1.0	.0	2.0
2300-N	145W	-145.0	2300.0	-4.0	1.0	.0	1.0
2300-N	125W	-125.0	2300.0	.0	1.0	2.0	2.0
2300-N	105W	-105.0	2300.0	-3.0	3.0	.0	1.0
2300-N	85W	-85.0	2300.0	-3.0	.0	-2.0	-1.0
2300-N	65W	-65.0	2300.0	-2.0	-1.0	.0	2.0
2300-N	45W	-45.0	2300.0	.0	-1.0	1.0	1.0
2300-N	25W	-25.0	2300.0	-2.0	-1.0	-3.0	1.0
2300-N	5W	-5.0	2300.0	-1.0	-1.0	-1.0	-1.0
2300-N	15E	15.0	2300.0	-1.0	-1.0	.0	2.0
2300-N	35E	35.0	2300.0	-1.0	-1.0	.0	1.0
2300-N	55E	55.0	2300.0	.0	-1.0	-1.0	1.0
2300-N	75E	75.0	2300.0	-1.0	.0	-2.0	1.0
2300-N	95E	95.0	2300.0	-1.0	2.0	.0	-1.0
2300-N	115E	115.0	2300.0	-1.0	.0	-1.0	-1.0
2300-N	135E	135.0	2300.0	-1.0	-1.0	-1.0	1.0
2300-N	155E	155.0	2300.0	-1.0	.0	-1.0	1.0
2300-N	175E	175.0	2300.0	.0	1.0	.0	.0
2300-N	195E	195.0	2300.0	1.0	-1.0	1.0	.0
2300-N	215E	215.0	2300.0	1.0	1.0	1.0	.0
2300-N	235E	235.0	2300.0	.0	-1.0	.0	.0
2300-N	255E	255.0	2300.0	.0	.0	.0	.0
2300-N	275E	275.0	2300.0	.0	-1.0	.0	1.0
2300-N	295E	295.0	2300.0	-1.0	.0	-1.0	2.0
2300-N	315E	315.0	2300.0	-2.0	1.0	-2.0	2.0
2300-N	335E	335.0	2300.0	-2.0	-1.0	-2.0	2.0
2300-N	355E	355.0	2300.0	-1.0	.0	-1.0	1.0
2300-N	375E	375.0	2300.0	-1.0	.0	-1.0	1.0
2300-N	395E	395.0	2300.0	-1.0	-1.0	-1.0	1.0
2400-N	525E	525.0	2400.0	-1.0	1.0	-1.0	2.0
2400-N	505E	505.0	2400.0	-1.0	1.0	-1.0	2.0
2400-N	485E	485.0	2400.0	.0	1.0	-1.0	3.0

2400-N	465E	465.0	2400.0	.0	1.0	-2.0	2.0
2400-N	445E	445.0	2400.0	.0	1.0	-1.0	2.0
2400-N	425E	425.0	2400.0	.0	.0	-1.0	1.0
2400-N	405E	405.0	2400.0	-1.0	-1.0	-1.0	.0
2400-N	385E	385.0	2400.0	-1.0	.0	-1.0	2.0
2400-N	365E	365.0	2400.0	-1.0	1.0	.0	2.0
2400-N	345E	345.0	2400.0	.0	1.0	1.0	.0
2400-N	325E	325.0	2400.0	-1.0	1.0	.0	1.0
2400-N	305E	305.0	2400.0	-1.0	1.0	-1.0	1.0
2400-N	285E	285.0	2400.0	.0	1.0	.0	1.0
2400-N	265E	265.0	2400.0	.0	-1.0	1.0	.0
2400-N	245E	245.0	2400.0	.0	-3.0	1.0	-1.0
2400-N	225E	225.0	2400.0	.0	-1.0	.0	1.0
2400-N	205E	205.0	2400.0	-1.0	1.0	-1.0	.0
2400-N	185E	185.0	2400.0	-1.0	.0	-1.0	.0
2400-N	165E	165.0	2400.0	-1.0	1.0	-2.0	2.0
2400-N	145E	145.0	2400.0	-1.0	1.0	-2.0	1.0
2400-N	125E	125.0	2400.0	-1.0	2.0	-2.0	2.0
2400-N	105E	105.0	2400.0	-1.0	.0	-1.0	1.0
2400-N	85E	85.0	2400.0	.0	.0	-1.0	.0
2400-N	65E	65.0	2400.0	.0	.0	-1.0	2.0
2400-N	45E	45.0	2400.0	-1.0	1.0	-1.0	2.0
2400-N	25E	25.0	2400.0	.0	-1.0	-1.0	3.0
2400-N	5E	5.0	2400.0	.0	-1.0	.0	1.0
2400-N	15W	-15.0	2400.0	-1.0	-1.0	.0	2.0
2400-N	35W	-35.0	2400.0	-1.0	1.0	-1.0	.0
2400-N	55W	-55.0	2400.0	.0	2.0	.0	-1.0
2400-N	75W	-75.0	2400.0	.0	-1.0	.0	1.0
2400-N	95W	-95.0	2400.0	.0	1.0	.0	2.0
2400-N	115W	-115.0	2400.0	-1.0	1.0	.0	1.0
2400-N	135W	-135.0	2400.0	-1.0	2.0	.0	2.0
2400-N	155W	-155.0	2400.0	-1.0	.0	.0	2.0
2400-N	175W	-175.0	2400.0	.0	.0	1.0	1.0
2400-N	195W	-195.0	2400.0	1.0	.0	.0	.0
2400-N	205W	-205.0	2400.0	.0	.0	.0	1.0
2500-N	185W	-185.0	2500.0	.0	1.0	1.0	.0
2500-N	165W	-165.0	2500.0	.0	.0	.0	.0
2500-N	145W	-145.0	2500.0	1.0	1.0	.0	.0
2500-N	125W	-125.0	2500.0	.0	1.0	1.0	.0
2500-N	105W	-105.0	2500.0	.0	-1.0	1.0	1.0
2500-N	85W	-85.0	2500.0	.0	-1.0	1.0	1.0
2500-N	65W	-65.0	2500.0	-1.0	-1.0	.0	.0
2500-N	45W	-45.0	2500.0	.0	.0	.0	.0
2500-N	25W	-25.0	2500.0	-1.0	.0	-1.0	1.0
2500-N	5W	-5.0	2500.0	.0	1.0	1.0	.0
2500-N	15E	15.0	2500.0	1.0	.0	1.0	-1.0
2500-N	35E	35.0	2500.0	1.0	.0	1.0	1.0
2500-N	55E	55.0	2500.0	1.0	-1.0	1.0	.0
2500-N	75E	75.0	2500.0	.0	-1.0	.0	1.0
2500-N	95E	95.0	2500.0	.0	.0	-1.0	-1.0
2500-N	115E	115.0	2500.0	-1.0	.0	-1.0	1.0
2500-N	135E	135.0	2500.0	-1.0	.0	-1.0	.0
2500-N	155E	155.0	2500.0	-1.0	-1.0	-1.0	1.0
2500-N	175E	175.0	2500.0	.0	.0	-1.0	2.0
2500-N	195E	195.0	2500.0	.0	1.0	-1.0	1.0

2500-N	215E	215.0	2500.0	-1.0	.0	-1.0	2.0
2500-N	235E	235.0	2500.0	.0	.0	.0	2.0
2500-N	255E	255.0	2500.0	1.0	-1.0	1.0	1.0
2500-N	275E	275.0	2500.0	1.0	-1.0	.0	1.0
2500-N	295E	295.0	2500.0	1.0	-1.0	1.0	.0
2500-N	305E	305.0	2500.0	1.0	-1.0	1.0	1.0
2500-N	325E	325.0	2500.0	.0	-1.0	.0	1.0
2500-N	345E	345.0	2500.0	1.0	-1.0	.0	.0
2500-N	365E	365.0	2500.0	1.0	-1.0	.0	.0
2500-N	385E	385.0	2500.0	2.0	-1.0	1.0	.0
2500-N	405E	405.0	2500.0	2.0	-1.0	.0	.0
2500-N	425E	425.0	2500.0	2.0	-1.0	1.0	.0

SOUTH AREA - Total Magnetic Field

Column		Contents
1	.....	Line no.
2	.....	Station no.
3	.....	Relative x-coordinate
4	.....	Relative y-coordinate
5	.....	Total Magnetic Field nT

0~~	0~	.0	.0	58168.0
0~~	20W	-20.0	.0	58055.0
0~~	40W	-40.0	.0	58044.0
0~~	60W	-60.0	.0	58985.0
0~~	80W	-80.0	.0	58172.0
0~~	100W	-100.0	.0	57929.0
0~~	120W	-120.0	.0	58057.0
0~~	140W	-140.0	.0	57930.0
0~~	160W	-160.0	.0	58277.0
0~~	180W	-180.0	.0	58892.0
100-S	180W	-180.0	-100.0	58799.0
100-S	160W	-160.0	-100.0	58795.0
100-S	140W	-140.0	-100.0	59099.0
100-S	120W	-120.0	-100.0	58737.0
100-S	100W	-100.0	-100.0	59137.0
100-S	80W	-80.0	-100.0	59694.0
100-S	60W	-60.0	-100.0	59277.0
100-S	40W	-40.0	-100.0	58125.0
100-S	20W	-20.0	-100.0	58120.0
100-S	0~	.0	-100.0	58178.0
100-S	20E	20.0	-100.0	58212.0
100-S	40E	40.0	-100.0	58229.0
100-S	60E	60.0	-100.0	58328.0
100-S	80E	80.0	-100.0	58365.0
100-S	100E	100.0	-100.0	58389.0
100-S	120E	120.0	-100.0	58409.0
100-S	140E	140.0	-100.0	58405.0
100-S	160E	160.0	-100.0	58591.0
100-S	180E	180.0	-100.0	58463.0
100-S	200E	200.0	-100.0	58440.0
100-S	220E	220.0	-100.0	58588.0
100-S	240E	240.0	-100.0	58600.0
100-S	260E	260.0	-100.0	58938.0
100-S	280E	280.0	-100.0	58422.0
100-S	300E	300.0	-100.0	58341.0
100-S	320E	320.0	-100.0	58350.0
200-S	340E	340.0	-200.0	58180.0
200-S	320E	320.0	-200.0	58183.0
200-S	300E	300.0	-200.0	58879.0
200-S	280E	280.0	-200.0	58168.0
200-S	260E	260.0	-200.0	58174.0
200-S	240E	240.0	-200.0	58185.0
200-S	220E	220.0	-200.0	58124.0
200-S	200E	200.0	-200.0	58637.0
200-S	180E	180.0	-200.0	59203.0
200-S	160E	160.0	-200.0	58484.0
200-S	140E	140.0	-200.0	58134.0
200-S	120E	120.0	-200.0	58307.0
200-S	100E	100.0	-200.0	58152.0
200-S	80E	80.0	-200.0	58142.0
200-S	60E	60.0	-200.0	58060.0
200-S	40E	40.0	-200.0	58176.0
200-S	20E	20.0	-200.0	58136.0
200-S	0~	.0	-200.0	58240.0
200-S	20W	-20.0	-200.0	58377.0

200-S	40W	-40.0	-200.0	58431.0
200-S	60W	-60.0	-200.0	58483.0
200-S	80W	-80.0	-200.0	58544.0
200-S	100W	-100.0	-200.0	58663.0
200-S	120W	-120.0	-200.0	58777.0
400-S	520E	520.0	-400.0	58721.0
400-S	500E	500.0	-400.0	58164.0
400-S	480E	480.0	-400.0	57942.0
400-S	460E	460.0	-400.0	57958.0
400-S	440E	440.0	-400.0	57963.0
400-S	420E	420.0	-400.0	57943.0
400-S	400E	400.0	-400.0	57853.0
400-S	380E	380.0	-400.0	57822.0
400-S	360E	360.0	-400.0	57753.0
400-S	340E	340.0	-400.0	59249.0
400-S	320E	320.0	-400.0	57621.0
400-S	300E	300.0	-400.0	57725.0
400-S	280E	280.0	-400.0	58116.0
400-S	260E	260.0	-400.0	58108.0
400-S	240E	240.0	-400.0	58199.0
400-S	200E	200.0	-400.0	58720.0
400-S	180E	180.0	-400.0	58919.0
400-S	160E	160.0	-400.0	58362.0
400-S	140E	140.0	-400.0	59117.0
400-S	120E	120.0	-400.0	58477.0
400-S	100E	100.0	-400.0	58320.0
400-S	80E	80.0	-400.0	58601.0
400-S	60E	60.0	-400.0	59017.0
400-S	40E	40.0	-400.0	59140.0
400-S	20E	20.0	-400.0	59928.0
400-S	0	.0	-400.0	58247.0
400-S	20W	-20.0	-400.0	59270.0
400-S	40W	-40.0	-400.0	59738.0
400-S	60W	-60.0	-400.0	59850.0
400-S	80W	-80.0	-400.0	59071.0
400-S	100W	-100.0	-400.0	58734.0
500-S	500E	500.0	-500.0	58292.0
500-S	480E	480.0	-500.0	58357.0
500-S	460E	460.0	-500.0	57767.0
500-S	440E	440.0	-500.0	57708.0
500-S	420E	420.0	-500.0	57645.0
500-S	400E	400.0	-500.0	57633.0
500-S	380E	380.0	-500.0	58971.0
500-S	360E	360.0	-500.0	58289.0
500-S	340E	340.0	-500.0	58051.0
500-S	320E	320.0	-500.0	57169.0
500-S	300E	300.0	-500.0	57672.0
500-S	280E	280.0	-500.0	58105.0
500-S	260E	260.0	-500.0	57943.0
500-S	240E	240.0	-500.0	57796.0
500-S	220E	220.0	-500.0	58117.0
500-S	200E	200.0	-500.0	58225.0
500-S	180E	180.0	-500.0	57897.0
500-S	160E	160.0	-500.0	58645.0
500-S	140E	140.0	-500.0	57867.0

500-S	120E	120.0	-500.0	59020.0
500-S	100E	100.0	-500.0	60487.0
500-S	80E	80.0	-500.0	58745.0
500-S	60E	60.0	-500.0	59955.0
500-S	40E	40.0	-500.0	58929.0
500-S	20E	20.0	-500.0	58260.0
500-S	0~	.0	-500.0	58691.0
500-S	20W	-20.0	-500.0	59152.0
500-S	40W	-40.0	-500.0	58834.0
500-S	60W	-60.0	-500.0	58802.0
500-S	80W	-80.0	-500.0	58517.0
500-S	100W	-100.0	-500.0	58471.0
500-S	120W	-120.0	-500.0	58344.0
500-S	140W	-140.0	-500.0	58276.0
600-S	600E	600.0	-600.0	57820.0
600-S	580E	580.0	-600.0	57690.0
600-S	560E	560.0	-600.0	57793.0
600-S	540E	540.0	-600.0	58063.0
600-S	520E	520.0	-600.0	58438.0
600-S	500E	500.0	-600.0	57945.0
600-S	480E	480.0	-600.0	57753.0
600-S	460E	460.0	-600.0	57999.0
600-S	440E	440.0	-600.0	59615.0
600-S	420E	420.0	-600.0	60924.0
600-S	400E	400.0	-600.0	60480.0
600-S	380E	380.0	-600.0	59874.0
600-S	360E	360.0	-600.0	58773.0
600-S	340E	340.0	-600.0	58278.0
600-S	320E	320.0	-600.0	57992.0
600-S	300E	300.0	-600.0	57881.0
600-S	280E	280.0	-600.0	58803.0
600-S	260E	260.0	-600.0	57804.0
600-S	240E	240.0	-600.0	57922.0
600-S	220E	220.0	-600.0	58857.0
600-S	200E	200.0	-600.0	59661.0
600-S	180E	180.0	-600.0	57985.0
600-S	160E	160.0	-600.0	59407.0
600-S	140E	140.0	-600.0	60401.0
600-S	120E	120.0	-600.0	59096.0
600-S	100E	100.0	-600.0	61314.0
600-S	80E	80.0	-600.0	58334.0
600-S	60E	60.0	-600.0	58215.0
600-S	40E	40.0	-600.0	58187.0
600-S	20E	20.0	-600.0	60285.0
600-S	0~	.0	-600.0	60249.0
600-S	20W	-20.0	-600.0	59025.0
600-S	40W	-40.0	-600.0	58873.0
600-S	60W	-60.0	-600.0	59079.0
600-S	80W	-80.0	-600.0	58890.0
600-S	100W	-100.0	-600.0	58740.0
600-S	120W	-120.0	-600.0	58715.0
600-S	140W	-140.0	-600.0	58702.0
600-S	160W	-160.0	-600.0	58671.0
700-S	200W	-200.0	-700.0	58275.0
700-S	180W	-180.0	-700.0	58368.0

700-S	160W	-160.0	-700.0	58448.0
700-S	140W	-140.0	-700.0	58490.0
700-S	120W	-120.0	-700.0	58461.0
700-S	100W	-100.0	-700.0	58517.0
700-S	80W	-80.0	-700.0	58794.0
700-S	60W	-60.0	-700.0	58925.0
700-S	40W	-40.0	-700.0	58735.0
700-S	20W	-20.0	-700.0	58568.0
700-S	0~	.0	-700.0	58909.0
700-S	20E	20.0	-700.0	60684.0
700-S	40E	40.0	-700.0	59053.0
700-S	60E	60.0	-700.0	58315.0
700-S	80E	80.0	-700.0	58836.0
700-S	100E	100.0	-700.0	60568.0
700-S	120E	120.0	-700.0	58415.0
700-S	140E	140.0	-700.0	59400.0
700-S	160E	160.0	-700.0	58926.0
700-S	180E	180.0	-700.0	59138.0
700-S	200E	200.0	-700.0	59344.0
700-S	220E	220.0	-700.0	58038.0
700-S	240E	240.0	-700.0	58479.0
700-S	260E	260.0	-700.0	59020.0
700-S	280E	280.0	-700.0	58760.0
700-S	300E	300.0	-700.0	59460.0
700-S	320E	320.0	-700.0	58953.0
700-S	340E	340.0	-700.0	58146.0
700-S	360E	360.0	-700.0	58011.0
700-S	380E	380.0	-700.0	58120.0
700-S	400E	400.0	-700.0	58455.0
800-S	220W	-220.0	-800.0	58165.0
800-S	200W	-200.0	-800.0	58176.0
800-S	180W	-180.0	-800.0	58204.0
800-S	160W	-160.0	-800.0	58277.0
800-S	140W	-140.0	-800.0	58307.0
800-S	120W	-120.0	-800.0	58215.0
800-S	100W	-100.0	-800.0	58220.0
800-S	80W	-80.0	-800.0	58339.0
800-S	60W	-60.0	-800.0	58314.0
800-S	40W	-40.0	-800.0	58323.0
800-S	20W	-20.0	-800.0	58776.0
800-S	0~	.0	-800.0	58491.0
800-S	20E	20.0	-800.0	58973.0
800-S	40E	40.0	-800.0	58824.0
800-S	60E	60.0	-800.0	58265.0
800-S	80E	80.0	-800.0	58295.0
800-S	100E	100.0	-800.0	58960.0
800-S	120E	120.0	-800.0	59816.0
800-S	140E	140.0	-800.0	59268.0
800-S	160E	160.0	-800.0	59894.0
800-S	180E	180.0	-800.0	59192.0
800-S	200E	200.0	-800.0	59194.0
800-S	220E	220.0	-800.0	58420.0
800-S	240E	240.0	-800.0	57772.0
800-S	260E	260.0	-800.0	58984.0
800-S	280E	280.0	-800.0	58365.0

800-S	300E	300.0	-800.0	58601.0
800-S	320E	320.0	-800.0	58739.0
800-S	340E	340.0	-800.0	59274.0
800-S	360E	360.0	-800.0	58790.0
800-S	380E	380.0	-800.0	58138.0
800-S	400E	400.0	-800.0	57910.0
900-S	420E	420.0	-900.0	58787.0
900-S	400E	400.0	-900.0	59126.0
900-S	380E	380.0	-900.0	58983.0
900-S	360E	360.0	-900.0	58789.0
900-S	340E	340.0	-900.0	59522.0
900-S	320E	320.0	-900.0	58590.0
900-S	300E	300.0	-900.0	58443.0
900-S	280E	280.0	-900.0	60784.0
900-S	260E	260.0	-900.0	60154.0
900-S	240E	240.0	-900.0	59875.0
900-S	220E	220.0	-900.0	59450.0
900-S	200E	200.0	-900.0	58347.0
900-S	180E	180.0	-900.0	58240.0
900-S	160E	160.0	-900.0	58577.0
900-S	140E	140.0	-900.0	59302.0
900-S	120E	120.0	-900.0	58512.0
900-S	100E	100.0	-900.0	58430.0
900-S	80E	80.0	-900.0	59318.0
900-S	60E	60.0	-900.0	59149.0
900-S	40E	40.0	-900.0	59366.0
900-S	20E	20.0	-900.0	59458.0
900-S	0~	.0	-900.0	58420.0
900-S	20W	-20.0	-900.0	58363.0
900-S	40W	-40.0	-900.0	58187.0
900-S	60W	-60.0	-900.0	58217.0
900-S	80W	-80.0	-900.0	58145.0
900-S	100W	-100.0	-900.0	58154.0
900-S	120W	-120.0	-900.0	58093.0
900-S	140W	-140.0	-900.0	58090.0
900-S	160W	-160.0	-900.0	58131.0
900-S	180W	-180.0	-900.0	58228.0
900-S	200W	-200.0	-900.0	58178.0
900-S	220W	-220.0	-900.0	58064.0
900-S	240W	-240.0	-900.0	58078.0
900-S	260W	-260.0	-900.0	58413.0
900-S	280W	-280.0	-900.0	58309.0
1000-S	0~	.0	-1000.0	58696.0
1000-S	20W	-20.0	-1000.0	58367.0
1000-S	40W	-40.0	-1000.0	58201.0
1000-S	60W	-60.0	-1000.0	58114.0
1000-S	80W	-80.0	-1000.0	58124.0
1000-S	100W	-100.0	-1000.0	58167.0
1000-S	120W	-120.0	-1000.0	58224.0
1000-S	140W	-140.0	-1000.0	58335.0
1000-S	160W	-160.0	-1000.0	58495.0
1000-S	180W	-180.0	-1000.0	58606.0
1000-S	200W	-200.0	-1000.0	58648.0
1000-S	220W	-220.0	-1000.0	58934.0
1000-S	240W	-240.0	-1000.0	59060.0

1000-S	260W	-260.0	-1000.0	58681.0
1000-S	280W	-280.0	-1000.0	58636.0
1000-S	300W	-300.0	-1000.0	58399.0
1000-S	320W	-320.0	-1000.0	58354.0
1000-S	340W	-340.0	-1000.0	58416.0
1100-S	380E	380.0	-1100.0	59037.0
1100-S	360E	360.0	-1100.0	59533.0
1100-S	340E	340.0	-1100.0	59243.0
1100-S	320E	320.0	-1100.0	60052.0
1100-S	300E	300.0	-1100.0	58574.0
1100-S	280E	280.0	-1100.0	58586.0
1100-S	260E	260.0	-1100.0	58327.0
1100-S	240E	240.0	-1100.0	59067.0
1100-S	220E	220.0	-1100.0	58346.0
1100-S	200E	200.0	-1100.0	58241.0
1100-S	180E	180.0	-1100.0	58209.0
1100-S	160E	160.0	-1100.0	58238.0
1100-S	140E	140.0	-1100.0	58822.0
1100-S	120E	120.0	-1100.0	58847.0
1100-S	100E	100.0	-1100.0	58203.0
1100-S	80E	80.0	-1100.0	61059.0
1100-S	60E	60.0	-1100.0	59210.0
1100-S	40E	40.0	-1100.0	58896.0
1100-S	20E	20.0	-1100.0	59025.0
1100-S	0	.0	-1100.0	58315.0
1100-S	20W	-20.0	-1100.0	58047.0
1100-S	40W	-40.0	-1100.0	58135.0
1100-S	60W	-60.0	-1100.0	58176.0
1100-S	80W	-80.0	-1100.0	58158.0
1100-S	100W	-100.0	-1100.0	58173.0
1100-S	120W	-120.0	-1100.0	58239.0
1100-S	140W	-140.0	-1100.0	58301.0
1100-S	160W	-160.0	-1100.0	58350.0
1100-S	180W	-180.0	-1100.0	58047.0
1100-S	200W	-200.0	-1100.0	58077.0
1100-S	220W	-220.0	-1100.0	58116.0
1100-S	240W	-240.0	-1100.0	58223.0
1100-S	260W	-260.0	-1100.0	58167.0
1100-S	280W	-280.0	-1100.0	58186.0
1100-S	300W	-300.0	-1100.0	58277.0
1100-S	320W	-320.0	-1100.0	58436.0
1100-S	340W	-340.0	-1100.0	58658.0
1100-S	360W	-360.0	-1100.0	58732.0
1100-S	380W	-380.0	-1100.0	58441.0
1100-S	395W	-395.0	-1100.0	58259.0
1200-S	340E	340.0	-1200.0	58275.0
1200-S	320E	320.0	-1200.0	58379.0
1200-S	300E	300.0	-1200.0	58444.0
1200-S	280E	280.0	-1200.0	58423.0
1200-S	260E	260.0	-1200.0	58256.0
1200-S	240E	240.0	-1200.0	58329.0
1200-S	220E	220.0	-1200.0	58168.0
1200-S	200E	200.0	-1200.0	58075.0
1200-S	180E	180.0	-1200.0	58509.0
1200-S	160E	160.0	-1200.0	58461.0

1200-S	140E	140.0	-1200.0	58838.0
1200-S	120E	120.0	-1200.0	58154.0
1200-S	100E	100.0	-1200.0	58008.0
1200-S	80E	80.0	-1200.0	58032.0
1200-S	60E	60.0	-1200.0	58840.0
1200-S	40E	40.0	-1200.0	58565.0
1200-S	20E	20.0	-1200.0	58867.0
1200-S	0~	.0	-1200.0	58785.0
1200-S	20W	-20.0	-1200.0	58370.0
1200-S	40W	-40.0	-1200.0	58645.0
1200-S	60W	-60.0	-1200.0	58009.0
1200-S	80W	-80.0	-1200.0	58145.0
1200-S	100W	-100.0	-1200.0	58270.0
1200-S	120W	-120.0	-1200.0	58728.0
1200-S	140W	-140.0	-1200.0	58197.0
1200-S	160W	-160.0	-1200.0	58091.0
1200-S	180W	-180.0	-1200.0	58069.0
1200-S	200W	-200.0	-1200.0	58064.0
1200-S	220W	-220.0	-1200.0	58069.0
1200-S	240W	-240.0	-1200.0	58078.0
1200-S	260W	-260.0	-1200.0	58094.0
1200-S	280W	-280.0	-1200.0	58071.0
1200-S	300W	-300.0	-1200.0	58078.0
1200-S	320W	-320.0	-1200.0	58072.0
1200-S	340W	-340.0	-1200.0	58050.0
1200-S	360W	-360.0	-1200.0	58069.0
1200-S	380W	-380.0	-1200.0	59121.0
1200-S	385W	-385.0	-1200.0	59138.0
1300-S	100W	-100.0	-1300.0	58149.0
1300-S	80W	-80.0	-1300.0	58511.0
1300-S	60W	-60.0	-1300.0	57970.0
1300-S	40W	-40.0	-1300.0	58147.0
1300-S	20W	-20.0	-1300.0	58130.0
1300-S	0~	.0	-1300.0	58904.0
1300-S	20E	20.0	-1300.0	58094.0
1300-S	40E	40.0	-1300.0	58134.0
1300-S	60E	60.0	-1300.0	58092.0
1300-S	80E	80.0	-1300.0	58795.0
1300-S	100E	100.0	-1300.0	58018.0
1300-S	120E	120.0	-1300.0	58267.0
1300-S	140E	140.0	-1300.0	58920.0
1300-S	160E	160.0	-1300.0	58801.0
1300-S	180E	180.0	-1300.0	58669.0
1300-S	200E	200.0	-1300.0	58049.0
1300-S	220E	220.0	-1300.0	58020.0
1300-S	240E	240.0	-1300.0	58088.0
1300-S	260E	260.0	-1300.0	58260.0
1300-S	280E	280.0	-1300.0	57387.0
1300-S	300E	300.0	-1300.0	58072.0
1300-S	320E	320.0	-1300.0	58066.0

CENTER AREA - Total Magnetic Field

Column		Contents
1	.....	Line no.
2	.....	Station no.
3	.....	Relative x-coordinate
4	.....	Relative y-coordinate
5	.....	Total Magnetic Field nT

0~~	800E	800.0	.0	58013.0
0~~	780E	780.0	.0	58064.0
0~~	760E	760.0	.0	58073.0
0~~	740E	740.0	.0	58297.0
0~~	720E	720.0	.0	58220.0
0~~	700E	700.0	.0	58205.0
0~~	680E	680.0	.0	58157.0
0~~	660E	660.0	.0	58169.0
0~~	640E	640.0	.0	58437.0
0~~	620E	620.0	.0	58564.0
0~~	600E	600.0	.0	58369.0
0~~	580E	580.0	.0	58516.0
0~~	560E	560.0	.0	58268.0
0~~	540E	540.0	.0	58386.0
0~~	520E	520.0	.0	58426.0
0~~	500E	500.0	.0	57950.0
0~~	480E	480.0	.0	57846.0
0~~	460E	460.0	.0	57828.0
0~~	440E	440.0	.0	57838.0
0~~	420E	420.0	.0	57786.0
0~~	400E	400.0	.0	57793.0
0~~	380E	380.0	.0	57815.0
0~~	360E	360.0	.0	57786.0
0~~	340E	340.0	.0	57781.0
0~~	320E	320.0	.0	57773.0
0~~	300E	300.0	.0	57985.0
0~~	280E	280.0	.0	57938.0
0~~	260E	260.0	.0	57812.0
0~~	240E	240.0	.0	57702.0
0~~	220E	220.0	.0	57645.0
0~~	200E	200.0	.0	57655.0
0~~	180E	180.0	.0	57669.0
0~~	160E	160.0	.0	57732.0
0~~	140E	140.0	.0	57808.0
0~~	120E	120.0	.0	57856.0
0~~	100E	100.0	.0	57892.0
0~~	80E	80.0	.0	57927.0
0~~	60E	60.0	.0	57949.0
0~~	40E	40.0	.0	57936.0
0~~	20E	20.0	.0	57931.0
0~~	0~	.0	.0	57940.0
0~~	20W	-20.0	.0	57943.0
0~~	40W	-40.0	.0	57950.0
0~~	60W	-60.0	.0	57950.0
0~~	80W	-80.0	.0	57985.0
0~~	100W	-100.0	.0	58027.0
0~~	120W	-120.0	.0	58055.0
0~~	140W	-140.0	.0	58054.0
0~~	160W	-160.0	.0	58073.0
0~~	180W	-180.0	.0	58083.0
0~~	200W	-200.0	.0	58082.0
0~~	220W	-220.0	.0	58056.0
0~~	240W	-240.0	.0	58031.0
0~~	260W	-260.0	.0	58064.0
0~~	280W	-280.0	.0	58123.0

0~~	300W	-300.0	.0	58085.0
0~~	320W	-320.0	.0	58030.0
0~~	340W	-340.0	.0	58141.0
0~~	360W	-360.0	.0	58254.0
0~~	380W	-380.0	.0	58227.0
0~~	400W	-400.0	.0	58317.0
0~~	420W	-420.0	.0	58173.0
0~~	440W	-440.0	.0	57968.0
0~~	460W	-460.0	.0	57957.0
100-N	460W	-460.0	100.0	58012.0
100-N	440W	-440.0	100.0	58040.0
100-N	420W	-420.0	100.0	57859.0
100-N	400W	-400.0	100.0	57937.0
100-N	380W	-380.0	100.0	58046.0
100-N	360W	-360.0	100.0	58055.0
100-N	340W	-340.0	100.0	58022.0
100-N	320W	-320.0	100.0	58044.0
100-N	300W	-300.0	100.0	58119.0
100-N	280W	-280.0	100.0	58186.0
100-N	260W	-260.0	100.0	58112.0
100-N	240W	-240.0	100.0	58080.0
100-N	220W	-220.0	100.0	58095.0
100-N	200W	-200.0	100.0	58119.0
100-N	180W	-180.0	100.0	58159.0
100-N	160W	-160.0	100.0	58206.0
100-N	140W	-140.0	100.0	58235.0
100-N	120W	-120.0	100.0	58215.0
100-N	100W	-100.0	100.0	58141.0
100-N	80W	-80.0	100.0	58012.0
100-N	60W	-60.0	100.0	57909.0
100-N	40W	-40.0	100.0	57893.0
100-N	20W	-20.0	100.0	57897.0
100-N	0~	.0	100.0	57904.0
100-N	20E	20.0	100.0	57907.0
100-N	40E	40.0	100.0	57933.0
100-N	60E	60.0	100.0	57938.0
100-N	80E	80.0	100.0	57976.0
100-N	100E	100.0	100.0	57998.0
100-N	120E	120.0	100.0	57978.0
100-N	140E	140.0	100.0	57931.0
100-N	160E	160.0	100.0	57866.0
100-N	180E	180.0	100.0	57799.0
100-N	200E	200.0	100.0	57763.0
100-N	220E	220.0	100.0	57752.0
100-N	240E	240.0	100.0	57766.0
100-N	260E	260.0	100.0	57769.0
100-N	280E	280.0	100.0	57764.0
100-N	300E	300.0	100.0	57782.0
100-N	320E	320.0	100.0	57786.0
100-N	340E	340.0	100.0	57804.0
100-N	360E	360.0	100.0	57815.0
100-N	380E	380.0	100.0	57827.0
100-N	400E	400.0	100.0	57831.0
100-N	420E	420.0	100.0	57810.0
100-N	440E	440.0	100.0	57803.0

100-N	460E	460.0	100.0	57852.0
100-N	480E	480.0	100.0	57883.0
100-N	500E	500.0	100.0	58053.0
100-N	520E	520.0	100.0	58263.0
100-N	540E	540.0	100.0	58177.0
100-N	560E	560.0	100.0	58117.0
100-N	580E	580.0	100.0	58081.0
100-N	600E	600.0	100.0	58157.0
100-N	620E	620.0	100.0	58556.0
100-N	640E	640.0	100.0	58256.0
100-N	660E	660.0	100.0	58553.0
100-N	680E	680.0	100.0	58154.0
100-N	700E	700.0	100.0	58209.0
100-N	720E	720.0	100.0	58080.0
100-N	740E	740.0	100.0	57906.0
100-N	760E	760.0	100.0	57924.0
100-N	780E	780.0	100.0	57950.0
100-N	800E	800.0	100.0	57973.0
100-N	820E	820.0	100.0	57994.0
200-N	830E	830.0	200.0	58106.0
200-N	820E	820.0	200.0	58102.0
200-N	800E	800.0	200.0	58077.0
200-N	780E	780.0	200.0	58067.0
200-N	760E	760.0	200.0	58002.0
200-N	740E	740.0	200.0	57933.0
200-N	720E	720.0	200.0	57903.0
200-N	700E	700.0	200.0	57937.0
200-N	680E	680.0	200.0	58369.0
200-N	660E	660.0	200.0	58200.0
200-N	640E	640.0	200.0	58294.0
200-N	620E	620.0	200.0	59704.0
200-N	600E	600.0	200.0	59270.0
200-N	580E	580.0	200.0	58200.0
200-N	560E	560.0	200.0	57842.0
200-N	540E	540.0	200.0	58020.0
200-N	520E	520.0	200.0	58217.0
200-N	500E	500.0	200.0	58390.0
200-N	480E	480.0	200.0	57942.0
200-N	460E	460.0	200.0	57986.0
200-N	440E	440.0	200.0	57931.0
200-N	420E	420.0	200.0	57983.0
200-N	400E	400.0	200.0	58005.0
200-N	380E	380.0	200.0	57883.0
200-N	360E	360.0	200.0	57823.0
200-N	340E	340.0	200.0	57829.0
200-N	320E	320.0	200.0	57823.0
200-N	300E	300.0	200.0	57804.0
200-N	280E	280.0	200.0	57841.0
200-N	260E	260.0	200.0	57783.0
200-N	240E	240.0	200.0	57768.0
200-N	220E	220.0	200.0	57771.0
200-N	200E	200.0	200.0	57733.0
200-N	180E	180.0	200.0	57827.0
200-N	160E	160.0	200.0	57992.0
200-N	140E	140.0	200.0	58042.0

200-N	120E	120.0	200.0	58006.0
200-N	100E	100.0	200.0	57953.0
200-N	80E	80.0	200.0	57926.0
200-N	60E	60.0	200.0	57922.0
200-N	40E	40.0	200.0	57933.0
200-N	20E	20.0	200.0	57948.0
200-N	0	.0	200.0	57931.0
200-N	20W	-20.0	200.0	57908.0
200-N	40W	-40.0	200.0	57873.0
200-N	60W	-60.0	200.0	57867.0
200-N	80W	-80.0	200.0	57903.0
200-N	100W	-100.0	200.0	58012.0
200-N	120W	-120.0	200.0	58150.0
200-N	140W	-140.0	200.0	58229.0
200-N	160W	-160.0	200.0	58230.0
200-N	180W	-180.0	200.0	58281.0
200-N	200W	-200.0	200.0	58285.0
200-N	220W	-220.0	200.0	58230.0
200-N	240W	-240.0	200.0	58361.0
200-N	260W	-260.0	200.0	58324.0
200-N	280W	-280.0	200.0	58241.0
200-N	300W	-300.0	200.0	58181.0
200-N	320W	-320.0	200.0	58062.0
200-N	340W	-340.0	200.0	58037.0
200-N	360W	-360.0	200.0	58043.0
200-N	380W	-380.0	200.0	57926.0
200-N	400W	-400.0	200.0	57944.0
200-N	420W	-420.0	200.0	58170.0
200-N	440W	-440.0	200.0	58354.0
200-N	460W	-460.0	200.0	58525.0
300-N	350W	-350.0	300.0	58382.0
300-N	340W	-340.0	300.0	58315.0
300-N	320W	-320.0	300.0	58257.0
300-N	300W	-300.0	300.0	58228.0
300-N	280W	-280.0	300.0	58183.0
300-N	260W	-260.0	300.0	58143.0
300-N	240W	-240.0	300.0	58123.0
300-N	220W	-220.0	300.0	58139.0
300-N	200W	-200.0	300.0	58152.0
300-N	180W	-180.0	300.0	58177.0
300-N	160W	-160.0	300.0	58173.0
300-N	140W	-140.0	300.0	58104.0
300-N	120W	-120.0	300.0	57971.0
300-N	100W	-100.0	300.0	57869.0
300-N	80W	-80.0	300.0	57829.0
300-N	60W	-60.0	300.0	57825.0
300-N	40W	-40.0	300.0	57837.0
300-N	20W	-20.0	300.0	57867.0
300-N	0	.0	300.0	57912.0
300-N	20E	20.0	300.0	57960.0
300-N	40E	40.0	300.0	57983.0
300-N	60E	60.0	300.0	57961.0
300-N	80E	80.0	300.0	57912.0
300-N	100E	100.0	300.0	57932.0
300-N	120E	120.0	300.0	57968.0

300-N	140E	140.0	300.0	58018.0
300-N	160E	160.0	300.0	57963.0
300-N	180E	180.0	300.0	57823.0
300-N	200E	200.0	300.0	57782.0
300-N	220E	220.0	300.0	57791.0
300-N	240E	240.0	300.0	57801.0
300-N	260E	260.0	300.0	57799.0
300-N	280E	280.0	300.0	57785.0
300-N	300E	300.0	300.0	57966.0
300-N	320E	320.0	300.0	57793.0
300-N	340E	340.0	300.0	57819.0
300-N	360E	360.0	300.0	57791.0
300-N	380E	380.0	300.0	57802.0
300-N	400E	400.0	300.0	57816.0
300-N	420E	420.0	300.0	57852.0
300-N	440E	440.0	300.0	57862.0
300-N	460E	460.0	300.0	57904.0
300-N	480E	480.0	300.0	57917.0
300-N	500E	500.0	300.0	57983.0
300-N	520E	520.0	300.0	58153.0
300-N	540E	540.0	300.0	58464.0
300-N	560E	560.0	300.0	58298.0
300-N	580E	580.0	300.0	59420.0
300-N	600E	600.0	300.0	57804.0
300-N	620E	620.0	300.0	57794.0
300-N	640E	640.0	300.0	57268.0
300-N	660E	660.0	300.0	58239.0
300-N	680E	680.0	300.0	58050.0
300-N	700E	700.0	300.0	58220.0
300-N	720E	720.0	300.0	57998.0
300-N	740E	740.0	300.0	57982.0
300-N	760E	760.0	300.0	58019.0
300-N	780E	780.0	300.0	58084.0
300-N	800E	800.0	300.0	58153.0
300-N	820E	820.0	300.0	58255.0
300-N	830E	830.0	300.0	58406.0
400-N	825E	825.0	400.0	58380.0
400-N	820E	820.0	400.0	58266.0
400-N	800E	800.0	400.0	58101.0
400-N	780E	780.0	400.0	58062.0
400-N	760E	760.0	400.0	58036.0
400-N	740E	740.0	400.0	58018.0
400-N	720E	720.0	400.0	58191.0
400-N	700E	700.0	400.0	58213.0
400-N	680E	680.0	400.0	58113.0
400-N	660E	660.0	400.0	57971.0
400-N	640E	640.0	400.0	58287.0
400-N	620E	620.0	400.0	58374.0
400-N	600E	600.0	400.0	58080.0
400-N	580E	580.0	400.0	58002.0
400-N	560E	560.0	400.0	58044.0
400-N	540E	540.0	400.0	58122.0
400-N	520E	520.0	400.0	58256.0
400-N	500E	500.0	400.0	57861.0
400-N	480E	480.0	400.0	57816.0

400-N	460E	460.0	400.0	57791.0
400-N	440E	440.0	400.0	57819.0
400-N	420E	420.0	400.0	57830.0
400-N	400E	400.0	400.0	57808.0
400-N	380E	380.0	400.0	57813.0
400-N	360E	360.0	400.0	57824.0
400-N	340E	340.0	400.0	57810.0
400-N	320E	320.0	400.0	57811.0
400-N	300E	300.0	400.0	57772.0
400-N	280E	280.0	400.0	57803.0
400-N	260E	260.0	400.0	57804.0
400-N	240E	240.0	400.0	57804.0
400-N	220E	220.0	400.0	57814.0
400-N	200E	200.0	400.0	57831.0
400-N	180E	180.0	400.0	57836.0
400-N	160E	160.0	400.0	57919.0
400-N	140E	140.0	400.0	57953.0
400-N	120E	120.0	400.0	57946.0
400-N	100E	100.0	400.0	57964.0
400-N	80E	80.0	400.0	57947.0
400-N	60E	60.0	400.0	57931.0
400-N	40E	40.0	400.0	57938.0
400-N	20E	20.0	400.0	57964.0
400-N	0	.0	400.0	57979.0
400-N	20W	-20.0	400.0	57971.0
400-N	40W	-40.0	400.0	57926.0
400-N	60W	-60.0	400.0	57902.0
400-N	80W	-80.0	400.0	57867.0
400-N	100W	-100.0	400.0	57843.0
400-N	120W	-120.0	400.0	57837.0
400-N	140W	-140.0	400.0	57880.0
400-N	160W	-160.0	400.0	57950.0
400-N	180W	-180.0	400.0	57989.0
400-N	200W	-200.0	400.0	58005.0
400-N	220W	-220.0	400.0	58026.0
400-N	240W	-240.0	400.0	58008.0
400-N	260W	-260.0	400.0	57996.0
400-N	280W	-280.0	400.0	57991.0
400-N	300W	-300.0	400.0	57866.0
400-N	320W	-320.0	400.0	57842.0
400-N	340W	-340.0	400.0	58055.0
400-N	360W	-360.0	400.0	58034.0
500-N	560W	-560.0	500.0	58363.0
500-N	540W	-540.0	500.0	58196.0
500-N	520W	-520.0	500.0	57957.0
500-N	500W	-500.0	500.0	56577.0
500-N	480W	-480.0	500.0	56552.0
500-N	460W	-460.0	500.0	57998.0
500-N	440W	-440.0	500.0	57729.0
500-N	420W	-420.0	500.0	57866.0
500-N	400W	-400.0	500.0	58002.0
500-N	380W	-380.0	500.0	57987.0
500-N	360W	-360.0	500.0	57875.0
500-N	340W	-340.0	500.0	57784.0
500-N	320W	-320.0	500.0	57781.0

500-N	300W	-300.0	500.0	57831.0
500-N	280W	-280.0	500.0	57892.0
500-N	260W	-260.0	500.0	57955.0
500-N	240W	-240.0	500.0	57963.0
500-N	220W	-220.0	500.0	57939.0
500-N	200W	-200.0	500.0	57895.0
500-N	180W	-180.0	500.0	57855.0
500-N	160W	-160.0	500.0	57847.0
500-N	140W	-140.0	500.0	57832.0
500-N	120W	-120.0	500.0	57851.0
500-N	100W	-100.0	500.0	57888.0
500-N	80W	-80.0	500.0	57926.0
500-N	60W	-60.0	500.0	57968.0
500-N	40W	-40.0	500.0	57990.0
500-N	20W	-20.0	500.0	57995.0
500-N	0	.0	500.0	57986.0
500-N	20E	20.0	500.0	57996.0
500-N	40E	40.0	500.0	58018.0
500-N	60E	60.0	500.0	58035.0
500-N	80E	80.0	500.0	58073.0
500-N	100E	100.0	500.0	58088.0
500-N	120E	120.0	500.0	58052.0
500-N	140E	140.0	500.0	57958.0
500-N	160E	160.0	500.0	57898.0
500-N	180E	180.0	500.0	57870.0
500-N	200E	200.0	500.0	57865.0
500-N	220E	220.0	500.0	57820.0
500-N	240E	240.0	500.0	57828.0
500-N	260E	260.0	500.0	57860.0
500-N	280E	280.0	500.0	57893.0
500-N	300E	300.0	500.0	57857.0
500-N	320E	320.0	500.0	57868.0
500-N	340E	340.0	500.0	57870.0
500-N	360E	360.0	500.0	57863.0
500-N	380E	380.0	500.0	57840.0
500-N	400E	400.0	500.0	57858.0
500-N	420E	420.0	500.0	57937.0
500-N	440E	440.0	500.0	57803.0
500-N	460E	460.0	500.0	57841.0
500-N	480E	480.0	500.0	57965.0
500-N	500E	500.0	500.0	58244.0
500-N	520E	520.0	500.0	58417.0
500-N	540E	540.0	500.0	58537.0
500-N	560E	560.0	500.0	58096.0
500-N	580E	580.0	500.0	58483.0
500-N	600E	600.0	500.0	58184.0
500-N	620E	620.0	500.0	57961.0
500-N	640E	640.0	500.0	58076.0
500-N	660E	660.0	500.0	58160.0
500-N	680E	680.0	500.0	57965.0
500-N	700E	700.0	500.0	58077.0
500-N	720E	720.0	500.0	58471.0
500-N	740E	740.0	500.0	58136.0
500-N	760E	760.0	500.0	58108.0
500-N	780E	780.0	500.0	58109.0

600-N	780E	780.0	600.0	58216.0
600-N	760E	760.0	600.0	58155.0
600-N	740E	740.0	600.0	58456.0
600-N	720E	720.0	600.0	58219.0
600-N	700E	700.0	600.0	58224.0
600-N	680E	680.0	600.0	58273.0
600-N	660E	660.0	600.0	58318.0
600-N	640E	640.0	600.0	58120.0
600-N	620E	620.0	600.0	58163.0
600-N	600E	600.0	600.0	58351.0
600-N	580E	580.0	600.0	58425.0
600-N	560E	560.0	600.0	58137.0
600-N	540E	540.0	600.0	58002.0
600-N	520E	520.0	600.0	57990.0
600-N	500E	500.0	600.0	57942.0
600-N	480E	480.0	600.0	57915.0
600-N	460E	460.0	600.0	57926.0
600-N	440E	440.0	600.0	57878.0
600-N	420E	420.0	600.0	57897.0
600-N	400E	400.0	600.0	58007.0
600-N	380E	380.0	600.0	57881.0
600-N	360E	360.0	600.0	57884.0
600-N	340E	340.0	600.0	57884.0
600-N	320E	320.0	600.0	57855.0
600-N	300E	300.0	600.0	57858.0
600-N	280E	280.0	600.0	57844.0
600-N	260E	260.0	600.0	57866.0
600-N	240E	240.0	600.0	57865.0
600-N	220E	220.0	600.0	57854.0
600-N	200E	200.0	600.0	57882.0
600-N	180E	180.0	600.0	57903.0
600-N	160E	160.0	600.0	57934.0
600-N	140E	140.0	600.0	58010.0
600-N	120E	120.0	600.0	58088.0
600-N	100E	100.0	600.0	58158.0
600-N	80E	80.0	600.0	58189.0
600-N	60E	60.0	600.0	58165.0
600-N	40E	40.0	600.0	58116.0
600-N	20E	20.0	600.0	58078.0
600-N	0	.0	600.0	58043.0
600-N	20W	-20.0	600.0	58000.0
600-N	40W	-40.0	600.0	58009.0
600-N	60W	-60.0	600.0	57997.0
600-N	80W	-80.0	600.0	57977.0
600-N	100W	-100.0	600.0	57940.0
600-N	120W	-120.0	600.0	57910.0
600-N	140W	-140.0	600.0	57888.0
600-N	160W	-160.0	600.0	57867.0
600-N	180W	-180.0	600.0	57859.0
600-N	200W	-200.0	600.0	57866.0
600-N	220W	-220.0	600.0	57884.0
600-N	240W	-240.0	600.0	57909.0
600-N	260W	-260.0	600.0	57937.0
600-N	280W	-280.0	600.0	57960.0
600-N	300W	-300.0	600.0	57961.0

600-N	320W	-320.0	600.0	57936.0
600-N	340W	-340.0	600.0	57914.0
600-N	360W	-360.0	600.0	58056.0
600-N	380W	-380.0	600.0	57910.0
600-N	400W	-400.0	600.0	57698.0
600-N	420W	-420.0	600.0	57694.0
600-N	440W	-440.0	600.0	57787.0
600-N	460W	-460.0	600.0	57847.0
600-N	480W	-480.0	600.0	56285.0
600-N	500W	-500.0	600.0	58093.0
600-N	520W	-520.0	600.0	58180.0
600-N	540W	-540.0	600.0	58170.0
600-N	560W	-560.0	600.0	58427.0
600-N	580W	-580.0	600.0	58367.0
600-N	600W	-600.0	600.0	58117.0
600-N	620W	-620.0	600.0	57795.0
700-N	600W	-600.0	700.0	58597.0
700-N	580W	-580.0	700.0	58162.0
700-N	560W	-560.0	700.0	57976.0
700-N	540W	-540.0	700.0	58470.0
700-N	520W	-520.0	700.0	58113.0
700-N	500W	-500.0	700.0	58012.0
700-N	480W	-480.0	700.0	57875.0
700-N	460W	-460.0	700.0	57809.0
700-N	440W	-440.0	700.0	57934.0
700-N	420W	-420.0	700.0	58060.0
700-N	400W	-400.0	700.0	57910.0
700-N	380W	-380.0	700.0	58155.0
700-N	360W	-360.0	700.0	58209.0
700-N	340W	-340.0	700.0	58018.0
700-N	320W	-320.0	700.0	57973.0
700-N	300W	-300.0	700.0	57954.0
700-N	280W	-280.0	700.0	57894.0
700-N	260W	-260.0	700.0	57871.0
700-N	240W	-240.0	700.0	57891.0
700-N	220W	-220.0	700.0	57901.0
700-N	200W	-200.0	700.0	57906.0
700-N	180W	-180.0	700.0	57904.0
700-N	160W	-160.0	700.0	57906.0
700-N	140W	-140.0	700.0	57911.0
700-N	120W	-120.0	700.0	57946.0
700-N	100W	-100.0	700.0	57966.0
700-N	80W	-80.0	700.0	58005.0
700-N	60W	-60.0	700.0	58016.0
700-N	40W	-40.0	700.0	58023.0
700-N	20W	-20.0	700.0	58034.0
700-N	0	.0	700.0	58058.0
700-N	20E	20.0	700.0	58120.0
700-N	40E	40.0	700.0	58156.0
700-N	60E	60.0	700.0	58172.0
700-N	80E	80.0	700.0	58154.0
700-N	100E	100.0	700.0	58072.0
700-N	120E	120.0	700.0	57999.0
700-N	140E	140.0	700.0	57958.0
700-N	160E	160.0	700.0	57951.0

700-N	180E	180.0	700.0	57922.0
700-N	200E	200.0	700.0	57875.0
700-N	220E	220.0	700.0	57869.0
700-N	240E	240.0	700.0	57924.0
700-N	260E	260.0	700.0	57860.0
700-N	280E	280.0	700.0	57871.0
700-N	300E	300.0	700.0	57894.0
700-N	320E	320.0	700.0	57923.0
700-N	340E	340.0	700.0	57916.0
700-N	360E	360.0	700.0	57931.0
700-N	380E	380.0	700.0	57927.0
700-N	400E	400.0	700.0	57957.0
700-N	420E	420.0	700.0	57991.0
700-N	440E	440.0	700.0	57921.0
700-N	460E	460.0	700.0	57945.0
700-N	480E	480.0	700.0	57974.0
700-N	500E	500.0	700.0	57989.0
700-N	520E	520.0	700.0	58011.0
700-N	540E	540.0	700.0	58144.0
700-N	560E	560.0	700.0	58431.0
700-N	580E	580.0	700.0	58951.0
700-N	600E	600.0	700.0	58438.0
700-N	620E	620.0	700.0	58177.0
700-N	640E	640.0	700.0	58116.0
700-N	660E	660.0	700.0	58594.0
700-N	680E	680.0	700.0	58480.0
700-N	700E	700.0	700.0	58460.0
800-N	593W	-593.0	800.0	58828.0
800-N	580W	-580.0	800.0	58657.0
800-N	560W	-560.0	800.0	58676.0
800-N	540W	-540.0	800.0	58435.0
800-N	520W	-520.0	800.0	57827.0
800-N	500W	-500.0	800.0	57900.0
800-N	480W	-480.0	800.0	57880.0
800-N	460W	-460.0	800.0	57772.0
800-N	440W	-440.0	800.0	57674.0
800-N	420W	-420.0	800.0	57687.0
800-N	400W	-400.0	800.0	57953.0
800-N	380W	-380.0	800.0	57659.0
800-N	360W	-360.0	800.0	57825.0
800-N	340W	-340.0	800.0	58437.0
800-N	320W	-320.0	800.0	57825.0
800-N	300W	-300.0	800.0	57733.0
800-N	280W	-280.0	800.0	57798.0
800-N	260W	-260.0	800.0	57866.0
800-N	240W	-240.0	800.0	57856.0
800-N	220W	-220.0	800.0	57886.0
800-N	200W	-200.0	800.0	57902.0
800-N	180W	-180.0	800.0	57904.0
800-N	160W	-160.0	800.0	57918.0
800-N	140W	-140.0	800.0	57937.0
800-N	120W	-120.0	800.0	57971.0
800-N	100W	-100.0	800.0	58004.0
800-N	80W	-80.0	800.0	58012.0
800-N	60W	-60.0	800.0	58036.0

800-N	40W	-40.0	800.0	58035.0
800-N	20W	-20.0	800.0	58070.0
800-N	0	.0	800.0	58105.0
800-N	20E	20.0	800.0	58134.0
800-N	40E	40.0	800.0	58124.0
800-N	60E	60.0	800.0	58078.0
800-N	80E	80.0	800.0	58016.0
800-N	100E	100.0	800.0	57960.0
800-N	120E	120.0	800.0	57922.0
800-N	140E	140.0	800.0	57897.0
800-N	160E	160.0	800.0	57882.0
800-N	180E	180.0	800.0	57873.0
800-N	200E	200.0	800.0	57857.0
800-N	220E	220.0	800.0	57842.0
800-N	240E	240.0	800.0	57855.0
800-N	260E	260.0	800.0	57877.0
800-N	280E	280.0	800.0	57865.0
800-N	300E	300.0	800.0	57868.0
800-N	320E	320.0	800.0	57873.0
800-N	340E	340.0	800.0	57876.0
800-N	360E	360.0	800.0	57884.0
800-N	380E	380.0	800.0	57922.0
800-N	400E	400.0	800.0	58123.0
800-N	420E	420.0	800.0	58020.0
800-N	440E	440.0	800.0	57942.0
800-N	460E	460.0	800.0	57941.0
800-N	480E	480.0	800.0	58045.0
800-N	500E	500.0	800.0	58399.0
800-N	505E	505.0	800.0	58492.0
900-N	470E	470.0	900.0	57945.0
900-N	460E	460.0	900.0	57951.0
900-N	440E	440.0	900.0	57938.0
900-N	420E	420.0	900.0	57917.0
900-N	400E	400.0	900.0	57922.0
900-N	380E	380.0	900.0	57880.0
900-N	360E	360.0	900.0	57871.0
900-N	340E	340.0	900.0	57880.0
900-N	320E	320.0	900.0	57913.0
900-N	300E	300.0	900.0	57923.0
900-N	280E	280.0	900.0	57924.0
900-N	260E	260.0	900.0	57929.0
900-N	240E	240.0	900.0	57886.0
900-N	220E	220.0	900.0	57861.0
900-N	200E	200.0	900.0	57863.0
900-N	180E	180.0	900.0	57887.0
900-N	160E	160.0	900.0	57878.0
900-N	140E	140.0	900.0	57882.0
900-N	120E	120.0	900.0	57919.0
900-N	100E	100.0	900.0	57952.0
900-N	80E	80.0	900.0	57925.0
900-N	60E	60.0	900.0	58018.0
900-N	40E	40.0	900.0	58139.0
900-N	20E	20.0	900.0	58138.0
900-N	0	.0	900.0	57982.0
900-N	20W	-20.0	900.0	58046.0

900-N	40W	-40.0	900.0	58042.0
900-N	60W	-60.0	900.0	58026.0
900-N	80W	-80.0	900.0	57995.0
900-N	100W	-100.0	900.0	57967.0
900-N	120W	-120.0	900.0	57946.0
900-N	140W	-140.0	900.0	57926.0
900-N	160W	-160.0	900.0	57920.0
900-N	180W	-180.0	900.0	57926.0
900-N	200W	-200.0	900.0	57833.0
900-N	220W	-220.0	900.0	57830.0
900-N	240W	-240.0	900.0	57902.0
900-N	260W	-260.0	900.0	57909.0
900-N	280W	-280.0	900.0	57813.0
900-N	300W	-300.0	900.0	57804.0
900-N	320W	-320.0	900.0	58318.0
900-N	340W	-340.0	900.0	58318.0
900-N	360W	-360.0	900.0	57776.0
900-N	380W	-380.0	900.0	57776.0
900-N	400W	-400.0	900.0	57718.0
900-N	420W	-420.0	900.0	57604.0
900-N	440W	-440.0	900.0	57327.0
900-N	460W	-460.0	900.0	57995.0
900-N	480W	-480.0	900.0	58220.0
900-N	500W	-500.0	900.0	57753.0
900-N	520W	-520.0	900.0	58935.0
900-N	540W	-540.0	900.0	57995.0
900-N	560W	-560.0	900.0	58700.0
1000-N	385E	385.0	1000.0	58163.0
1000-N	380E	380.0	1000.0	58198.0
1000-N	360E	360.0	1000.0	58255.0
1000-N	340E	340.0	1000.0	58095.0
1000-N	320E	320.0	1000.0	57978.0
1000-N	300E	300.0	1000.0	58005.0
1000-N	280E	280.0	1000.0	57799.0
1000-N	260E	260.0	1000.0	57845.0
1000-N	240E	240.0	1000.0	57862.0
1000-N	220E	220.0	1000.0	57871.0
1000-N	200E	200.0	1000.0	57870.0
1000-N	180E	180.0	1000.0	57849.0
1000-N	160E	160.0	1000.0	57837.0
1000-N	140E	140.0	1000.0	57839.0
1000-N	120E	120.0	1000.0	57848.0
1000-N	100E	100.0	1000.0	57878.0
1000-N	80E	80.0	1000.0	57862.0
1000-N	60E	60.0	1000.0	57880.0
1000-N	40E	40.0	1000.0	57950.0
1000-N	20E	20.0	1000.0	57973.0
1000-N	0	.0	1000.0	58028.0
1000-N	20W	-20.0	1000.0	58076.0
1000-N	40W	-40.0	1000.0	58043.0
1000-N	60W	-60.0	1000.0	58008.0
1000-N	80W	-80.0	1000.0	57971.0
1000-N	100W	-100.0	1000.0	57999.0
1000-N	120W	-120.0	1000.0	57926.0
1000-N	140W	-140.0	1000.0	57914.0

1000-N	160W	-160.0	1000.0	57907.0
1000-N	180W	-180.0	1000.0	57908.0
1000-N	200W	-200.0	1000.0	57872.0
1000-N	220W	-220.0	1000.0	57866.0
1000-N	240W	-240.0	1000.0	57827.0
1000-N	260W	-260.0	1000.0	57805.0
1000-N	280W	-280.0	1000.0	57861.0
1000-N	300W	-300.0	1000.0	57851.0
1000-N	320W	-320.0	1000.0	57796.0
1000-N	340W	-340.0	1000.0	57745.0
1000-N	360W	-360.0	1000.0	57689.0
1000-N	380W	-380.0	1000.0	57785.0
1000-N	400W	-400.0	1000.0	57724.0
1000-N	420W	-420.0	1000.0	57544.0
1000-N	440W	-440.0	1000.0	57674.0
1000-N	460W	-460.0	1000.0	57814.0
1000-N	480W	-480.0	1000.0	58173.0
1000-N	500W	-500.0	1000.0	58198.0
1000-N	520W	-520.0	1000.0	58197.0
1000-N	530W	-530.0	1000.0	58065.0
1100-N	500W	-500.0	1100.0	57902.0
1100-N	480W	-480.0	1100.0	57799.0
1100-N	460W	-460.0	1100.0	57818.0
1100-N	440W	-440.0	1100.0	57906.0
1100-N	420W	-420.0	1100.0	57877.0
1100-N	400W	-400.0	1100.0	57867.0
1100-N	380W	-380.0	1100.0	57885.0
1100-N	360W	-360.0	1100.0	58018.0
1100-N	340W	-340.0	1100.0	57846.0
1100-N	320W	-320.0	1100.0	57849.0
1100-N	300W	-300.0	1100.0	57855.0
1100-N	280W	-280.0	1100.0	57853.0
1100-N	260W	-260.0	1100.0	57876.0
1100-N	240W	-240.0	1100.0	57900.0
1100-N	220W	-220.0	1100.0	57938.0
1100-N	200W	-200.0	1100.0	57913.0
1100-N	180W	-180.0	1100.0	57930.0
1100-N	160W	-160.0	1100.0	57910.0
1100-N	140W	-140.0	1100.0	57963.0
1100-N	120W	-120.0	1100.0	57920.0
1100-N	100W	-100.0	1100.0	57917.0
1100-N	80W	-80.0	1100.0	57955.0
1100-N	60W	-60.0	1100.0	57954.0
1100-N	40W	-40.0	1100.0	57879.0
1100-N	20W	-20.0	1100.0	57831.0
1100-N	0	.0	1100.0	57808.0
1200-N	0	.0	1200.0	57880.0
1200-N	20W	-20.0	1200.0	57895.0
1200-N	40W	-40.0	1200.0	57871.0
1200-N	60W	-60.0	1200.0	57891.0
1200-N	80W	-80.0	1200.0	57967.0
1200-N	100W	-100.0	1200.0	57964.0
1200-N	120W	-120.0	1200.0	57939.0
1200-N	140W	-140.0	1200.0	57945.0
1200-N	160W	-160.0	1200.0	57945.0

1200-N	180W	-180.0	1200.0	57939.0
1200-N	200W	-200.0	1200.0	57888.0
1200-N	220W	-220.0	1200.0	57869.0
1200-N	240W	-240.0	1200.0	57874.0
1200-N	260W	-260.0	1200.0	57889.0
1200-N	280W	-280.0	1200.0	57886.0
1200-N	300W	-300.0	1200.0	57905.0
1200-N	320W	-320.0	1200.0	57902.0
1200-N	340W	-340.0	1200.0	57920.0
1200-N	360W	-360.0	1200.0	58080.0
1200-N	380W	-380.0	1200.0	57918.0
1200-N	400W	-400.0	1200.0	58009.0
1200-N	420W	-420.0	1200.0	57910.0
1200-N	440W	-440.0	1200.0	57905.0
1200-N	465W	-465.0	1200.0	57878.0
1300-N	430W	-430.0	1300.0	57912.0
1300-N	420W	-420.0	1300.0	57905.0
1300-N	400W	-400.0	1300.0	57884.0
1300-N	380W	-380.0	1300.0	57890.0
1300-N	360W	-360.0	1300.0	57906.0
1300-N	340W	-340.0	1300.0	57949.0
1300-N	320W	-320.0	1300.0	57923.0
1300-N	300W	-300.0	1300.0	57916.0
1300-N	280W	-280.0	1300.0	57909.0
1300-N	260W	-260.0	1300.0	57900.0
1300-N	240W	-240.0	1300.0	57912.0
1300-N	220W	-220.0	1300.0	57926.0
1300-N	200W	-200.0	1300.0	57918.0
1300-N	180W	-180.0	1300.0	57912.0
1300-N	160W	-160.0	1300.0	57910.0
1300-N	140W	-140.0	1300.0	57904.0
1300-N	120W	-120.0	1300.0	57938.0
1300-N	100W	-100.0	1300.0	57975.0
1300-N	80W	-80.0	1300.0	58066.0
1300-N	60W	-60.0	1300.0	58103.0
1300-N	40W	-40.0	1300.0	57889.0
1300-N	20W	-20.0	1300.0	57869.0
1300-N	0	.0	1300.0	57863.0
1400-N	0	.0	1400.0	57944.0
1400-N	20W	-20.0	1400.0	57901.0
1400-N	40W	-40.0	1400.0	57898.0
1400-N	60W	-60.0	1400.0	57895.0
1400-N	80W	-80.0	1400.0	57967.0
1400-N	100W	-100.0	1400.0	57968.0
1400-N	120W	-120.0	1400.0	58084.0
1400-N	140W	-140.0	1400.0	58022.0
1400-N	160W	-160.0	1400.0	57964.0
1400-N	180W	-180.0	1400.0	57925.0
1400-N	200W	-200.0	1400.0	57916.0
1400-N	220W	-220.0	1400.0	57916.0
1400-N	240W	-240.0	1400.0	57915.0
1400-N	260W	-260.0	1400.0	57915.0
1400-N	280W	-280.0	1400.0	57936.0
1400-N	300W	-300.0	1400.0	57913.0
1400-N	320W	-320.0	1400.0	57927.0

1400-N	340W	-340.0	1400.0	57917.0
1400-N	360W	-360.0	1400.0	58232.0
1400-N	380W	-380.0	1400.0	57956.0
1400-N	400W	-400.0	1400.0	57921.0

NORTH AREA - Total Magnetic Field

Column		Contents
1	.....	Line no.
2	.....	Station no.
3	.....	Relative x-coordinate
4	.....	Relative y-coordinate
5	.....	Total Magnetic Field nT

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY North Grid #2

GSM-8 proton PAGE

OPERATOR Hussey DATE

LINE	STA.	RDG.	CORRECTION	TRUE RDGS.	TIME	REMARKS
600S	230E	57848	-12	57836	1:05	
	220E	57764	-12	57752		
	200E	57680	-12	57668		
		57668	-13	57655		
	160	57662	-13	57649		160-140
	140	57629	-13	57616		D.H.
	120	57637	-14	57623		
	100E	57875	-14	57861		
		58644	-15	57629		
	60E	57959	-15	57944		
		58100	-16	58084		
	20E	57936	-17	57919		
	BL	57751	-19	57732	1:15	
	20W	57795	-19	57776		
	40W	57861		57842		
	60W	57952		57933		
	80	58118		58099		
	100W	57905		57886		
	120	57843		57824		
	140	57968		57949		
	160	57788		57769		
	180	57812		57793		
	200W	57925		57906		
	205W	58042	-19	58023	1:24	Ann

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY North Grid #2

GSM-8 proton PAGE

OPERATOR Hussey DATE

LINE	STA.	RDG.	CORRECTION	TRUE RDGS.	TIME	REMARKS
700S	130W	57855	-07	57848	12:50	Clew
	120W	58019	-07	58012		
	100W	57824	-07	57817		
	80W	57764	-07	57757		
	60W	57745	-07	57738		
	40	57810	-07	57803		
	20W	57855	-07	57848		
	BL-0	57868	-07	57861	12:55	
	20E	57924	-08	57916		
	40E	58261	-08	58253		
	60E	57695	-08	57687		
		58082	-09	58073		
	100E	58080	-09	58071		
		57655	-09	57646		
	140E	57367	-09	57358		
	160	57664	-10	57654		
	180	57744	-10	57734		
	200E	57731	-10	57721		
	205E	57722	-10	57712	1:03	ON.S.

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY North Grid #2

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OPERATOR Hussey DATE

LINE	STA.	RDG	CORREC. TION	TRUE RDGS.	TIME	REMARKS
500S	150W	57932	+17	57949	1015	
	140W	58135	+17	58152		
	130	57833	+17	57850		
	120W	57722	+16	57738		
	110W	57700	+16	57716		
	100	57876	+15	57891		
	90W	57952	+15	57967		
	80W	58373	+15	58388		
	BL	57780	+14	57794	1016	
	20E	57641	+14	57655		
	40	57642	+13	57655		
	60E	57854	+13	57867		
	80E	58002	+12	58014		
	100E	57867	+12	57879		
	120E	57781	+11	57792		
	140	57764	+11	57875		
	160E	57810	+10	57820		
	180	57775	+10	57785		
	200E	57800	+09	57809	1025	
		57812	+09	57821		
		57814	+09	57823		
		57852	+09	57861		
		58160	+08	58168		
	300E	57924	+08	57932		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY North Grid #2

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OPERATOR DATE

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS	TIME	REMARKS
500S	320E	57865	+07	57872		
		57861	+07	57868		
		57835	+06	57841		
		57828	+06	57834		
	400E	57879	+05	57884		
		57902	+05	57907		
		57828	+04	832		
		57804	+04	816		
		57966	+03	969		
	500E	57907	+03	910		
		57802	+02	804		
		57798	+02	780		
		57785	+01	796		
	580E	57804	+01	805		
	585E	57813	+0	813	1032	

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

PAGE 4

OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORRECTION	TRUE RDGS.	TIME	REMARKS
400S	635E	57853	0	57853	1045	
	1.20E	57828	-01	827		
	1.00E	57760	-01	759		
		57804	-02	802		
		57881	-02	879		
		57889	-03	886		
		57884	-03	881		
	.80E	58130	-04	58126		
		58029	-04	58025		
		57905	-05	57900		
		57936	-05	57931		
		57805	-06	57799		
	400E	57777	-06	771		
		57780	-07	773		
		57855	-07	57848		
		57908	-08	57900		
		58062	-01	58055		
	300E	58204	-09	58195	1058	
		57804	-09	57795		
		58255	-10	58245		
		58296	-10	58286		
		58286	-11	58275		
	200E	58103	-11	58092		
	180E	57790	-12	57778		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

PAGE 5

OPERATOR _____ DATE _____

LINE	STA.	RDG	CORRECTION	TRUE RDGS	TIME	REMARKS
400S	160E	57931	-13	918		
		58387	-13	374		
		57832	-14	57828		
	100E	58051	-14	58037		
		57992	-15	57975		
		57842	-15	57827		
		57812	-16	57796		
		57797	-16	57781		
	BL	57810	-17	57793	1112	
	200W	58016	-16	58000		
		58155	-15	58140		
		57931	-14	57917		
		57803	-13	57790		
	100W	57862	-12	57850		
	1200W	57994	-11	57983		
	1340W	58033	-10	58023	1152	

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

ROPERTY _____ PAGE 6

OPERATOR _____ DATE _____

LINE	STA	RDG.	CORRECTION	TRUE RDGS.	TIME	REMARKS
00S	10W	57847	-09	57838	1102	10W
	100W	57865	-09	57876		
		57928	-08	57920		
		58036	-08	58024		
		58224	-07	58217		
		58239	-07	58232		
	BL	57966	-07	57959	1117	
		58012	↑	58005		
		58011		58004		
		58050		58043		
		58224		58217		
	100E	58521		58514		
		58114		58107		
		58680		58673		
		58050		58043		
		57883	↓	57874		
	200E	57940	-07	57933	1115	
		57986	-07	57979		
		58014	-07	58007		
		58143	-07	58136		
		58128	-07	58121		
	300E	58124	-08	58116		
		58291	-08	58283		
		58143	-08	58135		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY NORTH Grid #2

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OPERATOR _____ DATE _____

LINE	STA	RDG	CORRECTION	TRUE RDGS.	TIME	REMARKS
300S	360E	57818	-08	57810		CONS
		57808	-08	57800		
	400E	57877	-09	57868		
		58012	-09	58003		
		58055	-09	58046		
		58014	-09	58005		
		58071	-09	58062		
	500E	58431	-09	58422	1128	
		58052	-09	58043		
		58878	-09	58869		
		58134	-09	58125		
		57922	-09	57913		
	600E	57835	-09	57826		
		57838	-09	57829		Loc.
		57809	-09	57800		
	660E	57802	-10	57792	1132	Bdry

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY North Grid #2

GSM-8 pylon PAGE 8

OPERATOR _____ DATE _____

LINE	STA	RDG	CORRECTION	TRUE RDGS	TIME	REMARKS
200S	700E	57633	-11	57622	1137	690 Bkg
		57762	-11	57751		
		57797	-11	57786		
		57897	-11	57886		
		58188	-12	58176		
	600E	58103	-12	58091		
		58030	-12	58018		
		57948	-12	57936		
		58221	-12	58209		
		58120	-12	58108		
	500E	57933	-12	57921		
		57616	-12	57604		
		57450	-12	57438		
		57496	-13	57483		
		57558	-13	57545		
	HUGE	57703	-13	57690		
		57868	-13	57855	1147	
		57721	-13	57707		Pond
		57688	-13	57675		
		57670	-13	57657		
	300E	57605	-14	57591		
		58373	-14	57359		
		58225	-14	58211		
	240	58072	-14	58058		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY North Grid #2

GSM-8 pylon PAGE 9

OPERATOR Hussey DATE _____

LINE	STA	RDG.	CORRECTION	TRUE RDGS	TIME	REMARKS
200S	270W	58646	-14	58632		
	200E	58306	-14	58292		
		58017	-14	58003		
		57921	-14	57907		
		57871	-14	57857	1156	
		57897	-15	57882		
	100E	57923	-15	57908		
		58026	-15	58011		
		58060	-15	58045		
		57946	-15	57931		
		57943	-15	57928		
	BL	57993	-15	57978	12	
		58121	-14	58107		
		58229	-13	58216		
		58096	-12	58084		
	20W	58167	-11	58156	1203	75 Bkg

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY NORTH Grid #2

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OPERATOR DATE

LINE	STA.	RDG	CORREC-TION	TRUE RDGS.	TIME	REMARKS
100S	40W	57872	-10	862	1206	
		57883	-10			
	BL	57881	-10	871	1208	
100S	BL-0	57889	-18	57871	1228	
		57927	↑	57909		
	40E	58008		57990		
		58060		58042		
		58123		58105		
	100E	58499		58481		
		58042		58024		
		58189		58171		
		58303		58285		
		58331		58313		
	200E	58398		58380		
		58148		58130	1236	
		57783		57765		
		57940		57922		
		58467		58449		
	300E	57883		57865		
		57847		57829		
		57804		57786		
		57774	↓	57756		
	340E	57795	-18	57777		

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY

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OPERATOR DATE

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
100S	400E	57794	-18	57776	1242	
		57860	↑	57842		
		57826		57808		
		57854		57836		
		58157		58139		460-482
	500E	58265		58247	1246	HILL
		58360		58342		
		58507		58489		
		58213		58195		
		58181		58163		
	600E	58452		58432	1249	
		58076		58058		
		57760		57742		
		57736		57718		
		57722		57704		
	700E	57706		57688		
		57767	↓	57749		
	740E	57796	-18	57778	1254	
		40MS				
		P_1	113105 ?			
		P_2		1052		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY North Grid #2

GSM-8 Proton PAGE 12

OPERATOR _____ DATE _____

LINE	STA.	RDG	CORREC. TION	TRUE RDGS.	TIME	REMARKS
0+00	780E	57868	-19	57850	12:59	776 Hill
	760E	57833	↑	814		
		57801		782		
		57896		877		
	740E	57834		815		
		57951		932		
		57875		866		
		57941		57929		[illegible]
		58113		58094		Hill
	720E	58066		58077	1:05	
		57932		57913		
		57916		897		
		57825		58806		
		57753		57734		
	700E	57748		729		
		57947		57928		
		58394		58375		
		57998		57979		
		58112		58093		
	680E	57975		57956	1:12	
		58332		58313		
		58255		58236		
		59059	↓	59040		
	BL-0	58066	-19	58047		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY North Grid #2

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OPERATOR _____ DATE _____

LINE	STA.	RDG	CORREC. TION	TRUE RDGS.	TIME	REMARKS
0+00	800E	57907	-20	57887		
		57866	↑	847		
		57827		807		
		57791		771		
		57777		778		
	860E	57797		777	1:18	
		57732		57712		
		58193		58173		
		58081		58061		
		58467		58447		
	100E	58200		58180		
		58255		58235		
		59278		58258		
		58224		58202		
		58071	↓	58051		
	BL-0	58168	-20	58148	1:24	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY

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OPERATOR

DATE

LINE	STA	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
100N	100W	57934	-16	57918	1:29	
		57969	-16	57953		
		57998	-15	57983		
		58000	-15	57985		
		58157	-14	58143		
	BL-0	58335	-14	58321	1:32	
		58239	-14	58225		
		58290	-14	58276		
		58387	-15	58372		
		58504	-15	58489		
	100E	58467	-15	58452		
		58154	-15	58139		
		58400	-15	58385		
		58148	-16	58132		
		58365	-16	58349		
	200E	58115	-16	58099	1:33	
		57935	-17	57918		
		58637	-17	58620		
		58701	-17	58684		
		58614	-18	58596		
	300E	58233	-18	58215		
		58124	-18	58106		
		58212	-18	58194		
		58406	-18	58388		

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY.

PROPERTY

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OPERATOR

DATE

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
100N	380E	58511	-18	58493	1:42	
	400E	59330	-19	59311		
		58285	-19	58266		
		57679	-20	57659		
	460E	57825	-21	57804	1:48	
	480	57661	-21	57640		
	500E	57742	-22	57720		
		57812	-22	57790		
		57760	-23	57737		
		57780	-23	57757		
		57779	-23	57756		
	600E	57805	-24	57781		
		57837	-24	57813		
		57874	-24	57850	1:54	
	660	58031	-25	58006		[illegible]
		57973	-26	57947		[illegible]
	700E	57763	-26	57737		
		57838	-27	57811		
	740E	57855	-27	828		
		57955	-28	57927		
		57942	-28	57914		
	800E	57970	-28	942		
	820E	57976	-29	947		Bdry
		57954	-29	925		
	840	57954	-29	925 2:06		

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY ______________

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OPERATOR ______________ DATE ______________

LINE	STA	RDG	CORREC-TION	TRUE RDGS.	TIME	REMARKS
200N	920E	57987	-32	57955	2 13	810 [illegible]
	860E	58001	-32	57975		
		58075	-32	58043		
		57959	-32	57927		
		57979	-33	57946		
		58156	-33	58123		
	780E	57615	-33	57182		
		57744	-33	57711		
		57766	-34	57732		
		57829	-34	57795		
		57990	-34	57956		
	600E	57863	-34	57829	2 [illegible]	
		57872	-35	57837		
		57912	-35	57877		
		57872	-35	57837		
		57857	-36	57821		
		57883	-36	57847		
	560E	57925	-37	57888		
		57542	-37	505		
		57930	-38	57892		
		57895	-38	58857		
		58280	-39	58241		
	400E	58192	-39	58153		
		58118	-39	58079	232	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY North Grid #2

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OPERATOR Hussey. DATE ______________

LINE	STA.	RDG	CORREC-TION	TRUE RDGS	TIME	REMARKS
200W	170W	58371	-41	58330		
		57984	-41	58943		
		57889	-41	57848		
	180W	57864	-41	57828	2 47	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
200N	360E	57876	-39	57837		
		58530	-39	58491		
		57892	-39	57853		
	300E	57558	-39	57519		
		57968	-39	57929		
		58552	-39	58513		
		55481	-39	58442		
		57770	-39	57731		
	200E	58201	-39	58162	2 34	
		58512	-39	58473		
		58518	-40	58478		
		58699	-40	58659		
		58663	-40	58623		
	100E	58668	-40	58628		
		58199	-41	58158		
		58780	-41	58739		
		58212	-41	58171		
		58245	-41	58204		
	BL-1	58116	-41	58075	2 41	
		59116		59075		
		58095		58054		
		58142		58101		
		58038		57997		
	100W	57982	-41	57941		

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS	TIME	REMARKS
300N	BL-0	58798	+32	8830	2 37	
		58320	+31	58351		
		58624	+36	58660		
		58855	+30	58885		
		59506	+29	59535		
	100E	58200	+29	58229		
		58779	+28	59007		
		58211	+28	58239		
		58249	+27	58276		
		58095	+27	58122		
	200E	57945	+26	57971		
		57866	+26	57892	2 01	
		57790	+25	57814		
		57736	+24	57760		
		57745	+23	57768		
	300E	57691	+22	57713		1210E 2nd
		57625	+22	57647		
		57585	+21	57606		
		57568	+21	57589		
		57595	+20	57615		
	400E	57642	+20	57662		
		57742	+20	57762	3 07	
		58246	+19	58266		
		57886	+19	57905		

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY ____________

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OPERATOR ____________ DATE ____________

LINE	STA	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
300N	480E	57783	+18	57801		
	500E	57906	+18	57924		
		58138	+17	58155		
		58026	+17	58043		
		57947	+16	57963		
		57847	+16	57863		
	600E	58091	+15	58105	3:15	
		58213	+15	58228		
		58112	+14	58126		
		57887	+14	57911		
		57793	+13	57806		
	700E	57837	+13	57850		
		57911	+12	57923		
		58068	+12	58080		
		58231	+11	58242		
		58149	+11	58160		
	800E	58053	+10	58063		
		58052	+10	58062		
		57985	+09	57994		
	860E	57934	+09	57943	3:25	
		[illegible]	[illegible]	[illegible]	1057	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY ____________

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OPERATOR ____________ DATE ____________

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS	TIME	REMARKS
400N	815E	57965	+02	57967	3:32	
	800E	58096	+01	58097		
		58076	0	58076		
		58066	0	58066		
		58046	-01	58045		
		57919	-02	57917		
	700E	57780	-02	57778		
		57797	-03	57794		
		57802	-03	57799		
		57686	-04	57682		
		58604	-04	58600		
	600E	58012	-05	58007		
		57918	-05	58913		
		58059	-06	58053		
		58181	-06	58175		
		58258	-07	58251		
	500E	58479	-08	58471	3:42	
		57987	-08	57979		
		57834	-09	57825		
		57800	-10	57790		
		57812	-10	57802		
	400E	57850	-11	57839		
		57829	-11	57818		
		57806	-12	57794		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG	CORREC. TION	TRUE RDGS.	TIME	REMARKS
400N	340E	57885	-13	57872		
	320	57821	-14	57807		
	300E	57822	-15	57807		
		57824	-16	57808		
		57814	-17	57797		
		57829	-18	57811		
		57875	-20	57855		
	200E	57944	-22	57922	355	
		58607	-29	58578		HILL
		58536	-26	58510		
		58699	-28	58671		
		58497	-30	58467		
	100E	58361	-32	58329		
		58060	-34	58026		
		61940	-36	61904		
		58454	-38	58416		
		58639	-40	58599		
400N	BL-0	58473	-44	58429	402	

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY GSNI-8 Protocol

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OPERATOR Hussey

DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
300N	BL.	58380	-46	58334	405	
		58378	-44	58334		
		58066	-44	58022		
		57992	-44	57948		
		58033	-43	57990		
	100W	58002	-43	57959		
		58087	-43	58044		
		58065	-42	58023		
		57973	-42	57931		
		57980	-42	57938		
	200W	57994	-42	57952	413	
		58157	-41	58116		
		58602	-41	58561		
		58153	-41	58112		
		58051	-41	58010		
	300W	57983	-41	57942		
		57975	-41	57934		57934
		58004	↑	57963		
		58061	↑	58020		
		58160	↑	58059		
	400W	58110	↑	58069		
		58115	↑	58094	420	
		58102	↓	58061		
		58061	-41	58041		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA	RDG	CORRECTION	TRUE RDGS.	TIME	REMARKS
300N	480W	58044	-42	58002		
	500W	58030		57988		
		58020		57978		
		58000		57958		
		57973		57931		
		57976		57938		
	600W	57973		57931	426	
		57988		57956		
		58029		57987		
		58028		57986		
		58014		57972		
	700W	58122		58080		
		57808		57766		
	1140W	58138		57096	432	River
320N	320W	57976	-42	57934	448	92

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY North Grid # 2

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OPERATOR _____ DATE _____

LINE	STA	RDG	CORRECTION	TRUE RDGS	TIME	REMARKS
BL						
400N	BL	58457	-28	58429	9[illegible]	
	200W	58599		58571		
		58161		58133		
		58111		58083		
		58139		58111		[illegible]
	100W	58032		58004		[illegible]
		58120		58092		
		58408		58380		
		58046		58018		
		58020		57992		
	200W	58059	-28	58031	9[illegible]	
		58134	-27	58107		
		58240		58213		
		58185		58158		
		58079		58052		
	300W	57997		57970		
		58025		57998		
		58112		58085		
		58203		58176		
		58207	-27	58180		[illegible]
	400W	58158	-26	58132	9[illegible]	
		58096	-26	58070		

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY

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OPERATOR DATE

LINE	STA.	RDG.	CORRECTION	TRUE RDGS.	TIME	REMARKS
400N	440W	58080	-26	58054		
		58061	-26	58035		
		58025	-25	58000		
	500W	57981		57956		C/N 5
		57970		57945		
		58013		57988		
	560W	58030		58005		River Bed
		58038		58013		"
	600W	58057	-25	58032	9 25	"
		57940		57915		"
		57925		57900		River [illegible]
		57912		57887		
		57935		57910		
	700W	57936		57911		
		57984		57959		
		58076		58151		[illegible]
		58230		58205		
		57902	-25	57887		
	800W	57861	-24	57837	9 31	
		57880		57856		
		58453		58428		
		57927		57903		
		57803		57879		
	900W	57791	-24	57767		

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY

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OPERATOR DATE

LINE	STA.	RDG.	CORRECTION	TRUE RDGS.	TIME	REMARKS
400N	920W	57800	-24	57774		
		57799	-24	57775		
	960	57848	-23	57825		[illegible]
		58040	-23	58017		[illegible]
	1000W	57798	-23	57775		[illegible]
		57789	-23	57766		[illegible]
		57776	-23	57753	9 35	"
		57821	-23	57798		"
		57816	-22	57794		[illegible]
	1100W	57855	-22	57833		[illegible]
		57770	-22	57748		
		57830	-22	57818		outcrop
		57846	-22	57824		
		57834	-21	57813		
	1200W	57900	-21	57879		TL-1200W
	1220W	57855	-21	57834	9 47	
	P_4	113	1024			
	P_3		1045			

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY

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OPERATOR DATE

LINE	STA	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
500N	12154	57994	-21	57973	9 51	
	1200W	57991	↑	57970		
		57945		57924		
		57846		57825		
		57858		57837		
		57871		57850		
	1100W	57862	↓	57641		
		57783	-21	57762		[illegible]
		57803	-20	57783		
		57798	-20	57778		
	1020	57764	-20	57744		[illegible]
	1000W	57812	-20	57792	9 58	[illegible]
	980	58129	-20	58109		[illegible]
		57745	-20	57725		
		57785	-20	57765		[illegible]
		57802	-19	57782		
	900W	57783	-19	57764		
		57780	-19	57761		
		58171	-19	58152		
		57947	-19	57928		
		5[illegible]71	-19	57622		
	800W	57896	-18	57878		
		57854	-18	57836		
		58131	-18	58113	10 08	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY NORTH Grid #2

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OPERATOR DATE

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
500N	740W	58234	-18	58216		
		58044	↑	58026		
	700W	58105		58187		
		58118		58100		
		58088		58070		
		58038		58020		
		58014		58996		
	600W	57983	↓	57965		565
		57989	-18	57971	10 13	[illegible]
		58002	-18	57984		
	540	58009	-18	57991		540 [illegible]
		57985	-17	57968		
	500W	58029	-17	58012		
		58051	-17	58034		
		58000	-17	58983		
		57981	-17	57964		
		57954	-17	57937		
	400W	58007	-17	57990		
		58144	-16	58128		
		58064	-16	58048		
		58019	-16	58003		
		57953	-16	57937		
		57955	-16	57939		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
500N	260	58016	-15	58001		
		58125	-15	58110		
		58271	-15	58256	1025	
	200W	58038	-14	58024		
		58106	-14	57992		
		58279	-14	58265		
		58259	-14	58245		
		58069	-14	58055		
	100W	58129	-13	58116		
		58281	↑	58268		
		58242	|	58229		
		58561	|	58548		
		59249	↓	59236		
	KL·0	58551	-13	58538	1032	
	20E	58758	-13	58745		
		57656	-13	57643		
		58178	-13	58165		
		58212	-13	58199		
	100E	58306	-12	58294		
		58306	-12	58294		
		58375	-12	58363		
		58284	-12	58272		
		57794	-12	57782		
	200E	57735	-12	57723	1041	

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS	TIME	REMARKS
500N	220E	57753	-12	57741		" "
		57757	-12	57745		" "
		57772	-12	57760		" "
		57777	-11	57766		" "
	300E	57793	-11	57782		" "
		57844	-11	57833		" "
		57830	-11	57819		
		57766	-11	57755		
		57773	-11	57762		
	400E	57814	-11	57803	1042	
		57883	-10	57873		
		57886	-10	57876		
		57990	-10	57980		
		58333	-10	58323		
	500E	58105	-10	58095		
		57947	-10	57937		
		57867	-10	57857		
		57935	-10	57925		
		58061	-10	58051		
	600E	59292	-10	59282	1054	
		57779	-10	57769		
		57722	-10	57712		
		57822	-10	57812		
		57778	-10	57768		

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY NORTH Grid #2

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OPERATOR DATE

LINE	STA.	RDG	CORRECTION	TRUE RDGS.	TIME	REMARKS
5[illegible]N	700E	57743	-10	57733		745
	720	57770	-10	57760		[illegible] 7780
	740E	5750[illegible]	-10	57833	11A.M	
			30MIN? [illegible]		N 3/105 Z	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY

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OPERATOR DATE

LINE	STA.	RDG.	CORRECTION	TRUE RDGS	TIME	REMARKS
600N	760E	57802	-10	57792	11 07	✓
		57807	-10	57797		
		57795	-10	57785		
	700E	57784	-10	57774		
		57756	-10	57746		
		57780	-10	57770		
		57715	-10	57705		
		57844	-10	57834		
	600E	57847	-10	57837	11 12	
		58859	-09	58850		
		57869	↑	57860		
		57773		57764		
		57837		57828		
	500E	57945		57936		
		57966		57957		
		57995		57986		
		58077		58068		
		57906		57897		
	400E	58161		58152	11 15	
		58134		58125		
		57953		57944		
		57870		57861		
		57847	↓	57838		
	300E	57879	-09	57870		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
400N	200E	57809	-09	57800		
		57789	↑	57780		
		57791		57782		
		57895		57886		
	100E	57849		57840		
		57905		57896		
		57904		57895		
		57993		57884		
		58458		58449		
	100E	58713		58704		
		58351		58342		
		57973		57964		
		58898		58889		
	200E	58442	↓	58433		
	PL	57924	-09	57915	11:31	
		57972	-09	57963		
	100W	58299	-09	58290		
		58172	-09	58163		
		58330	-09	58321		
	100W	57853	-10	57843		
		57849	-10	57839		
		57927	-10	57917		
		57934	-10	57924		
		56005	-10	57995		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS	TIME	REMARKS
600N	200W	58052	-10	58042		
		58045	-11	58034		
		57940	-11	57929	11:3[illegible]	
		57969	-11	57958		
		58080	-11	58069		
	300W	58118	-11	58107		
		58149	-11	58138		
		58131	-12	58119		
		57950	-12	57938		
		57968	-12	57956		
	400W	58012	-12	58000		
		58162	-12	58150		
	N40	58178	-12	58166		
	40	58137	-12	58117		R...Sh...
		58047	-13	58034		"
	500W	58089	-13	58076		"
	520	58191	-13	58178		Dr...
		58088	-13	58075		
		58107	-13	58094		
		58104	-13	58091		
	600W	5993[illegible]	-14	59921	11:3[illegible]	
		58989	-14	58975		
		58504	-14	58490		
		58118	-14	58104		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

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OPERATOR _____ DATE _____

LINE	STA	RDG	CORRECTION	TRUE RDGS	TIME	REMARKS
600N	1500W	58217	-14	58198		
	1400W	58144	-14	58130		
		57916	-14	57902		
		57831	-15	57816		
		57853	-15	57838		
		57901	-15	57886		
	1300W	57986	-15	57971	11 [illegible]	
		57981	-15	57966		
		57911	-15	57996		
		57885	-16	57869		
	1200	57875	-16	57859	1202	
	1100	57869	-20	57849	1220	
	1000W	57842	-20	57820		
	920	57847	-20	57822		[illegible]
		58030	-20	58010		[illegible]
	960	57815	-20	57785		[illegible]
		57801	-21	57780		
	1000W	57806	-21	57785		
		57812	-21	57791		
		57851	-21	57830		
		57871	-22	57779		
		57671	-22	1149		
	1100W	57856	-22	834		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY North Grid #2

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORRECTION	TRUE RDGS.	TIME	REMARKS
600N		57872	-23	57849		
		57903	-23	57880		
	1150W	57873	-23	57850	12 [illegible]	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
700N	1100W	57915	-24	57894	1239	"
		57873	-24	57849		"
		57905	-24	57881		"
		57911	-24	57887		
		57888	-24	57864		
	1000W	57895	-25	57870		
		57876	-25	57851		
		57876	-25	57851		
	940	57826	-25	57801		
	920	58204	-25	58179		
	900W	57979	-25	57954	1250	
		57835	-26	809		
		57862	-26	836		
		57824	-26	798		
		57793	-26	767		"
	800W	57853	-26	57827		
		58074	-26	58048		
		57906	-27	57879		
		57834	-27	57807		
		57801	-27	57774		
	700W	57777	-27	57750		
		58332	-27	58305		
		58341	-27	58314		
		58750	-27	58723		

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
700N	620W	58279	-28	58251		
700N	600W	58396	-28	58368	1255	
		58284	-28	58256		
		58884	-28	58855		
		58756	-28	58728		
		58056	-29	58027		
	500W	57926	-29	57897		
	480	57923	-29	57894		Run 54..
	460	57900	-29	57881		465'
	440	57949	-29	57920		
	420	57994	-29	57965		Pul 54..
	400W	57971	-30	57941	1305	
		57966	-30	57936		
		58030	-30	58000		
		58076	-30	58046		
		58061	-30	58031		
	300W	58016	-30	57986		
		58113	-31	58082		
		58190	-31	58159		
		57958	-31	57927		
		57989	-31	57958		
	200W	57969	-31	57938	1313	
		57906	-31	57875		
		57852	-31	57821		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
700N	1400W	57796	-32	57764		
		57791	↑	57759		
	1000W	57847		57815		
		57932		57900		
		58150		58118		
		57989		57957		
		58588	↓	58556		
	BL	58107	-32	58075	1:20	
		57963	↑	57931		
		58004		57972		
		57879		57847		
		58197		58165		
	1000E	58020		57988		
		58019		58017		
		58119		58087		
		58087		58055		
		58813		58781		
	2000E	58274		58242		
		58118		58086	1:27	
		58465		58433		
		59656		59624		
		57882		57850		
	3000E	57757	↓	57725		
		57792	-32	57760		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
700N	340E	57803	-31	57772		
		57811	↑	57780		
		57811		57780		
	400E	57827		57796		
		57818		57787	1:35	
		57824		57793		
		57880		57849		
		58001		57970		
	500E	58706	↓	58675		
		58377	-31	58346		
		58128	-30	58098		
		58003	↑	57973		
		57751		57721		
	600E	57696		57666	1:32	
		57731		57701		
		57782		57752		
		57814	↓	57784		
	680E	57825	-30	57795	1:43	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
800N	700E	57913	-30	57883	1 48	over
		57902	-30	57872		
		57883	-30	57853		
		57878	-29	57849		
	700E	57874	↑	57845		
		57860		57831		
		57857		57828		
		57845		57816		
		57828		57799		
	600E	57809		57780	1 54	
		57790	↓	57761		
		57937	-29	57908		
		57845	↑	57816		
		58079		58050		
	500E	58116		58087		
		58061		58032		
		57847	↓	57818		
		57823	-29	57794		
		57809	-28	57781		
	400E	57781	↑	57753		
		57752		57724		
		57697		57629		
		57995	↓	57967		
	BL-O	58371	-28	58343		

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

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LINE	STA.	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
800N	300E	58316	-28	58288		
		58138	↑	58110		
		58348		58320		
		58302		58274		
		58607		58579		
	200E	58490		58462	2 15	
		57888		57860		
		57845		57817		
		57903		57875		
		57969		57941		
	100E	58637		58609		
		58639		58011		
		57944		57916		
		57939		57911		
		58134	↓	58106		
	BL-O	58336	-28	58308	2 13	
		58321	↑	58293		
		58224		58196		
		58018		57990		
		57925		57897		
	100W	57924		57896		
		57975		57947		
		58033	↓	58005		
		58069	-28	58041		

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
800N	180W	58163	-28	58135		
	200W	58420	↑	58392	2 20	
	220	58372	|	58346	2 21	
	240	58061	|	58033		
	260	57997	Rain	57869		
	280	58063	|	58035		
	300W	58066	|	58038		
		58152	|	58124		
	320W	58154	|	58126		
		58240	|	58212		
		58161	↓	58133		
	400W	58035	-28	58007	2 30	
		57918	-29	57891		
		57744	↑	57715		
		59831	|	59802		
		59397	|	59368		
	500W	59154	|	59125		
		58633	|	58604		
		59829	|	59800		
		58308	|	58279		
		58377	|	58348		
	600W	58465	|	58376		
		58464	↓	58435		
		58600	-29	58571		

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA	RDG	CORREC-TION	TRUE RDGS.	TIME	REMARKS
800N	660W	57837	-29	57808		
		57548	↑	57819		
	700W	57851	|	57851		
		57875	|	57846		
		57606	|	57577		
		57998	|	57969		
		57835	|	57806		
	800W	57841	|	57812		
		57548	↓	57819		
		57862	-29	57833	2 32	
	860	57908	-30	57878		pb
		58290	↑	58260		
	900W	57920	|	57890		
	920	57842	|	57812		
	940	57861	|	57832		
	960	57874	|	57844		
		57897	|	57867		
	1000W	57914	|	57884		
		57908	|	57878		
		57879	↓			
	1060N	57934	-30	57904		

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
900N	1010W	57973	-31	57942	3 04	Tie-in
	1000W	57869		57938		"
		57954		57927		"
		57897		57898		"
		57901		57870		[illegible]
		57925		57894		
	900W	57765		57733		[illegible]
		57728		57297		[illegible]
		58059		58028		[illegible]
		57980		57959		
		58011		57980		
	800W	57973	↓	57942	3 12	
		57939	-31	57908		
		57887	-32	57855		
		57745	↑	57213		
		57999		57968		
	700W	57901		57874		
		57892		57860		
		57878		57846		
		57859		57827		
		57827		57795		
	600W	57804		57772		
		58461	↓	58429		
		58632	-32	58596	3 23	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS	TIME	REMARKS
800N	540W	58207	-32	58175		
		59496	-33	59463		
	500W	58385	↑	58352		
		58257		58224		
		58327		58294		
		58464		58431		
		58786		58953		
	400W	58482		58449	[illegible]	
		58183		58150		
		58279		58246		
		58182		58449		
		58333	↓	58300		
	300W	58054	-33	58021		
		57973	-34	57939		
		57976	↑	57942		
		58005		57971		
	220	58887		58853	3 34	[illegible]
	200W	[illegible]		[illegible]		"
	180	58128		58094	3 37	[illegible]
		58143		58109		
		58198		58164		
		58125		58091		
	100W	58024	↓	57990		
	60W	57950	-34	57916		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

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OPERATOR _____ DATE _____

LINE	STA	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
[illegible]	[illegible]	58091	-35	58056		
		58121	-35	58089		
		57995	-35	57960		
	BL	57915	-35	57880	345	
		58318		58283		
		58404		58369		
		58044		58009		
		57949		57914		
	100E	57947		57912		
		57941		57906		
		57965		57930		
		58157		58122		
		58069		58034		
	200E	57897		57862		
		57877		57842	[illegible]	
		57963		57928		
		57887		57852		
		58257		58222		
	300E	57978		57943		
		57908		57873		
		57830		57795		
		57869		57834		
		57940		57905		
	400E	57860	-35	57766	[illegible]	

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA	RDG.	CORREC. TION	TRUE RDGS	TIME	REMARKS
900N	400E	57810	-36	57804		
		57868		57832		
		57883		57847		
		57945		57909		
	500E	58462		58426		
		58294		58258		
		58020		57984		
		57940		57904		
		57866		57830		
	600E	57884		57848	4:05	
		57898		57862		
		57883	-36	57847		
		57872	-37	57836		
		57926		57889		
	700E	57913		57876		
		57905		57868		
		57914		57877		
		57941		57897		
		57956		57919		
	800E	57955		57918		
		57948		57911		
		57951		57920		
		57958		57951		
	900E	58020	-37	57983	4:15	

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY North Grid #2

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OPERATOR J. Hussey DATE

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
1100N	900E	58012	-38	57974	4:16	
		57980		57952		
		58002		57964		
		57995		57957		
		58039		58001		
	800E	58020		57982		
		57980		57942		
		57961		57923		
		57966		57928		
		57968		57930		
	700E	57969	↓	57931	4:27	
		57960	-38	57922		
		57979	-39	57940		
		58024	↑	57985		
		58065		58026		
	600E	58011		57972		
		57967		57928		
		58025		57986		
		58305		58266		
		58002		57963		
	500E	57964		57945		
		57908		57869	4:44	
		57869	↓	57830		
	400E	57845	-39	57805		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY

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OPERATOR DATE

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
1100N	420E	57813	-40	57773		
	400E	57816	↑	57776		
		58612		57572		
		58279		57239		
		58762		57722		
		58564		57524		
	300E	58564		58524	4:36	
		58029		57989		
		57712		57672		
		57796		57756		
		57787		57747		
	200E	57955		57915		
		58182		58142		
		58114		58074		
		58165		58125		
		58186		58146		
	100E	58223		58183		
		58243		58203		
		58460		58420		
		58077		58037		
		58021	↓	57981		
	BL	57858	-40	57818		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY NORTH Grid #2

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OPERATOR _____ DATE _____

LINE	STA	RDG	CORREC. TION	TRUE RDGS.	TIME	REMARKS
1000N	BL	58371	-53	58318	845	
		58104	-53	58951		
		58148	-52	58097		
		57826	-52	57774		
		58009	-51	57958		
	100W	58257	-51	58206		
	120	58137	-50	58087		Rain
	140	58175	-50	58125		"
	160	58206	-49	58157		"
	180	58356	-48	58308		Rain
	200W	59298	-47	59251	855	
		58075	-46	58029		
		57847	-45	57802		
		57963	-44	57919		
		58071	-43	58028		
	300W	58197	-42	58155		
		10564	-42	60522		
		57463	-41	57422		Light
	360W	58120	-41	58079		
		58000	-40	57960		
	400W	57944	-39	57905	904	
		57921	-38	57883		Light
		58052	-37	58015		
		58910	-36	58874		"

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
1100N	480	58610	-35	58575		Light
	500W	58173	-34	58139		SC
		58220	-33	58187		
		58219	-32	58187		
		57852	-31	57821		
		57819	-30	57789		
	600W	57837	-29	57808	915	
		57851	-28	57823		
		57862	-27	57835		
		57886	-26	57860		
		57836	-25	57911		
	700W	57944	-24	57918		
		58626	-23	58603		
		57802	-22	57780		
		57902	-22	57880		
		57900	-21	57879		
	800W	58014	-20	57994	922	
	820	57966	-19	57947		
	840	58025	-18	58007		Light
	860	58126	-17	58111		
		58199	-17	58282		
	900W	57969	-16	57953		
		57928	-16	57912		
		57961	-15	57946		
	960W	57984	-14	57970	928	

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
1100N	960W	57942	-14	57928	932	Lake
		57928	-14	57914		"
		57934	-14	57920		[illegible]
	900W	58077	-13	58064		[illegible]
		58032	-13	58019		[illegible]
		57936	-13	57923		[illegible]
		57937	-12	57925		[illegible]
		57857	-12	57925		
	840W	57881	-12	869	935	
		57836	-11	825		
		57790	-11	709		
		58321	-11	310		
		57975	-10	965		
	700W	57935	-10	925		
		57904	-10	894		
		57892	-10	582		
		57892	-09	883		
	600W	57852	-09	843	946	
		57863	-09	854		[illegible]
		57836	-08	828		
		57812	-08	804		
		57801	-08	793		
	500W	57808	-07	801		
		57856	-07	57849		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
1100N	460W	58175	-07	58168		
		58647	-07	58640		[illegible]
		58884	-07	58877		[illegible]
	420W	57868	-06	57882		
		58984	-06	58978		
		58140	-06	58134		[illegible]
		58194	-06	58188		[illegible]
		59176	-05	59171	[illegible]	
	380W	58291	-05	58286		
		59375	-05	59370		
		60092	-05	60087		
		58161	-04	58157		
		57961	-04	57957		
	200W	57911	-04	57908		
		57938	-03	57935		
		58394	-03	58391		
	140	59203	-03	59200		[illegible]
	120	58442	-03	58439		[illegible]
	100W	58202	-02	58200		[illegible]
		58147	-02	58145		[illegible]
		58086	-02	58084		[illegible]
		58006	-01	58005		
		58359	-01	58358		
	BL	58123	-01	58122	1010	

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
1100N	200E	58411	-01			
		58011	"			
		57868				
		57856				
	100E	58055				
		58284				
		58073				
		58251				
		58432				
	200E	58049				
		57984			1012	
		57898				
		57856				
		57842				
	300E	57773				
		57758				
		58145				
		58265				
		58368				
	400E	57816				
		57860				
		57864				
		57903				
	480E	57898	-01			

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
1100N	500E	57896	-01			
		57854	"			
		57898				
		57895				
		58082				
	600E	58063			1017	
		57824				
		57941				
		57917				
		57943				
	700E	58023				
		58010				
		58000				
		57983				
		57990				
	800E	57977				
		58000				
		58008				
		57984				
		58006				
	900E	58013				
		58028				
		58049	V			
	1060E	58056	-01		1038	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG	CORREC-TION	TRUE RDGS.	TIME	REMARKS
1300N	1020E	58143	-02		1045	
	1000E	58158	"			
		58432				
		58178				
1300N		58144				
		58107				
	900E	58005				
		57971				
		57989				
		57957				
		57960				
	800E	57970			1	
		57953			105½	
		57949				
		57945				
		57930				
	700E	57924				
		57925				
		58044				
		57918				
		57918				
	600E	57927				
		57929	↓			
	560	57915	-02		1059	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
1300N	640E	57916	-02			
		57892	"			
	600E	57929				
		57898				
		57938				
		57917				
		58039				
	1100	58127				
		58259				
		58036			1106	
		58253				
		57888				
	300E	57922				
		57957				
		57969				
		57987				
		58021				
	200E	58112				
		58013				TNC
		58400			1112	
		58122				
		58186	↓			
	100E	58237	-02			

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY

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OPERATOR DATE

LINE	STA	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
1300N	80E	58457	-02			
		58447				
		58362				
		57972				
1300N	BL	58061	-02	58059	11 18	
1200N	BL	58193	-02	191	11 21	
1400N	BL	57614			11 26	
						10E · 10W
1300N	BL	58060	-01	58059	11 28	[illegible]
	20W	58128	↑			
		57872				
		57867				
		57862				
	100W	57587				[illegible]
		61922				
		58274				
		57909				
		57851				
	200W	57797			1132	
		57845				
		57992	↓			
	260W	57863	-01			

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY

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OPERATOR DATE

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
1300N	280W	57590	-02			[illegible]
		57362	↑			[illegible]
	320W	60561				"
	340	58304				"
		58523				
		58415				
	400W	57731			1148	
		57847				
		58532				
		57857				
		57882				
	500W	58036				
		58256				
		58046				
		58050				
		57911				
	600W	57921				
		57919			1152	
		57958				
		58177				
		58051				
		58128				
		58185				
		57978	↓			
	760W	58309	-02		1201	End BL

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
1200N	600W	58001	-03		1208	
		57917	↑			
		57884				
		57867				
	600W	57879				
		57876				
		57892				
		57872				
		57857				
	500W	57840				
		57826			1214	
		57913				
		57877				
		58277				
	400W	58168				Hwy
		58615				
		58256				
		57953				
		59000				Hy. 11
	300W	58076				11
		57480				
		57627				
		57901	↓			
		57966	-03			

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
12	200W	58090	-03	58087		
1200N		57745	↑	57342	1226	
		58468		58465		
		57540		57837		
		57960		57897		
	100W	58103		58000		Hwy Rd.
		58309		57306		"
		58515		58582		"
		58091		58088		"
		57973	↓	58120		Hwy Rd.
	BL	58194	-03	58191		
1200N	BL	58168	-07	58191	1258	
	20E	58139	↑	58132		
		58084		58077		
		58328		58321		
		58012		58005		
	100E	58048		58041		
		58279		58272		
		58213		58206		
		58061		58054		
		58887		58880		
	200E	58133	↓	58126		
		58016	-07	58009	117	

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORRECTION	TRUE RDGS	TIME	REMARKS
12oN	24oE	57952	-06	57947		
		57928	↑	57922		
		57915		57909		
	30oE	57899		57893		
		57801		57795		
		57811		57805	1:14	Hill
		58601		58595		
		58445		58439		
	40oE	58122		58116		
		57866	↓	57800		
		57875	-06	57799		
		57924	-05	57919		
		57867	↑	57862		
	50oE	57897		892		
		57906		901		
		57909		904		
		57893		888		
		57894		57889		
	60oE	58180		58175	1:23	
		57954		57949		
		57934	↓	929		
		57934	-05	929		
		57967	-04	963		
	70oE	57904	-04	57900		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA	RDG.	CORRECTION	TRUE RDGS	TIME	REMARKS
12oN	72oE	57631	-04	57627		
		57995	-04	57991		
		57947	-03	57944		
		57955	↑	57952		
	80oE	57964		57961	1:25	
		57982		57979		
	90oE	58057		58054		End of Line
		58002		57999		Radio Comp.
		57974		57971		
	100oE	57998		57995		
		58043		58040		
		58115	↓	58113		
	110oE	58120	-03	58117	1:34	Hill

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA	RDG	CORREC. TION	TRUE RDGS.	TIME	REMARKS
1400N	1090E	58123	-02		1 41	Bldg
	1060E	58182	↑			
		58417				
		58206				
		58009				
	1000E	58015				
		58070				
		58179				
		58077				
		57994				
	900E	57997			147	
		57987				
		57975				
		57953				
		57967				
	800E	57956				
		57962				
		58007				
		57947				
		57954				
	700E	58155				
		57926				
		57927	↓			
	640	57976	-02			

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS	TIME	REMARKS
1400N	620E	57955	-01			
	600E	57920	↑		1:56	
		57931				
		57919				
		57938				
		57914				
	500E	57907				
		57971				
		57981				
		58122				
		58479				
	400E	58521				
		57999			202	
		57862				
		58596				
		57809				
	300E	57908				
		57942				
		57963				
		58064				
		58818				
	200E	58762				
		58328	↓			
	160	58108	-01			

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORRECTION	TRUE RDGS.	TIME	REMARKS
1400N	140E	58718	0			OC Creek
		58201	↑			
	120E	59530				
		59201				
	100E	57884				N Side
	40E	58080				40-50 ft
		57654	↓			Road
1400N	BL	57614	0	57614	2 17	
1500N	BL-60E	57998	0	57998	2 20	Bridge
1400N	BL	57614	0	57614	2 23	
	20W	57443	↑			Creek
	40	57979				
	60W	59146			2 28	
		59792				
	100W	58514				
		58034				
		57982				
		58056				
		58181				
	200W	58424				Top
		58198	↓			Road
		58069	0		2 34	

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG	CORRECTION	TRUE RDGS	TIME	REMARKS
1400N	260W	57469	0			220-280
		59418	0			UP HILL
	300W	59235	0		2 39	Top Hill
		58174	0			
		58475	0			
		57995	-01			
		58164	↑			
	440W	57930				
		57361				
		58062				
		58418				
		58485				
	500W	58444				
		58395				
		58311				
	560W	58650	↓			
	570W	58507	-01		2 48	

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
1500N	550W	58576	-01		252	Bldg
	500W	58415				UC
		58831				
	500W	58320	-01		256	
		58757	-02			
		58225	-02			
		58505				
		59311				
	400W	59007				
		58797				
		58685				
		58151				
		58150				
	300W	58336				
		59486			305	
		58150				
		58309				
		57868				
	200W	57722				
		58319				
		58266				
		58168				
		58257				
	100W	55449	-02			

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY North Grid #2

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS	TIME	REMARKS
1500N	80W	59044	-03	59041		
	1.c.	57790		57787		
	1.c.	58768		58765	315	
	20W	56896		56893		20 cc
	0	57569		57566		11
	20E	57930		57927		20E
	40E	58170		58167		11
BL-0	60E	58101	-03	57798		11
1500N	80E	57870	-03	57870		11
	100E	57804	-03	57801		20 Rec E...
		57770	-03	57767		
		57744	-03	57741		
		57812	-04	57808		
		58425	-04	58421		
	200E	58199	-04	58195		
		58509	-04	58505		
		58184	-05	58179		
		57987	-05	57982		
		57919	-05	57914		
	300E	57938	-06	57932	332	
		57989	-06	57983		
		58407	-06	58401		
		58127	-06	58121		
	380	58163	-07	58156		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
1500N	400E	58266	-07	58259		
		58144	-07	58137		
		58633	-07	58626		
		58105	-08	58097		
		58017	-08	58009		
	500E	57946	-08	57938	338	
		57933	-08	57925		
		57929	-09	57920		
		57931	-09	57922		
		57939	-09	57930		
	600E	57939	09	57930		
		57979	-10	57969		
		57983	-10	57973		
		57976	-10	57966		
		57983	-10	57973		
	700E	58172	-11	58161		
		58032	-11	58021		
		57968	-11	57957		
		57969	-11	57958		
		58086	-12	58074		
	800E	57976	-12	57964	347	
		57968	-12	57956		
		57974	-12	57962		
	860	57993	-13	57980		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

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OPERATOR _____ DATE _____

LINE	STA.	RDG	CORREC. TION	TRUE RDGS.	TIME	REMARKS
1500N	850E	57981	-13	57968		
	900E	57997	-13	57984		
		58026	-13	58013		
		58010	-14	57996		
		58060	-14	58046		
		58130	-14	58116		
	1000E	57967	-14	57953		
		57955	-14	57941		
		57974	-15	57959		
		58263	-15	58248		
		58523	-15	58508		
	1100E	58021	-15	58006		
	1120	57878	-15	57863	356	1190Hi
1520	MN	P1		113073		

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

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OPERATOR _____ DATE _____

LINE	STA	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
1600N	900E	58003	-16	57987	412	CLEW
		57994	-16	57978		
		57997	-16	57981		
		57991	-16	57975		
		57992	-17	57975		
	800E	58148	-17	58131		
		57999	-17	57982		
		57978	-17	57961		
		58036	-17	58019		
		58294	-18	58276		
	700E	58055	-18	58037	422	
		58002	-18	57984		
		57950	-18	57932		
		57964	-18	57946		
		57955	-19	57936		
	600E	57958	-19	57939		
		57932	-19	57913		
		57933	-19	57914		
		57952	-19	57933		
		57976	-19	57957		
	500E	57962	-20	57942	432	
		58029	-20	58009		
		58058	-20	58038		
	440	58271	-20	58250		

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

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LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
1600N	420E	58174	-20	58254		
	400E	58547	-20	58527		
		58230	-21	58209		
		58160	-21	58139		
		58081	-21	58060		
		57898	-21	58877		
	300E	57917	-21	58896	428	
		58207	-21	58186		
		58077	-21	58056		CONS
		58677	-21	58656		
		58985	-22	58963		
	200E	57776	↑	57754		
		57809		57787		
		57885		57863		
		57936		914		
		57988		986		
	100E	58583		561		
		57973	V	58951		Rain
1600N	BL60E	57985	-22	963	432	
1500N	BL60E	58020	-22	58998	437	
1600N	BL60E	57984	-22	57962	439	
	40E	57883	-22	57861		Rain

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY ______

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OPERATOR ______ DATE ______

LINE	STA.	RDG.	CORRECTION	TRUE RDGS.	TIME	REMARKS
1600N	20E	57521	-22	57499		Chk
	0+00	58495	↑	58473		
	20W	58688		58666		
		58447		58425		
		58143		58121		
		58012		57990		
	100W	58664		58642		
		58986		58964		
		58480		58458		
		57727		57705		
		57760		57738		
	200W	57716		57694	456	
		57861		57839		
		57543		57521		
		60117		60095		
		58712		58690		
	300W	58149		58127		
		58586		58564		
		57952		57930		
		58079		58057		
		58206		58184		
	400W	58108		58086		
		58422	↓	58400		
		58291	-22	58269	504	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY ______

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OPERATOR ______ DATE ______

LINE	STA	RDG	CORRECTION	TRUE RDGS.	TIME	REMARKS
1600N	460W	58960	-22	58938		Chk
		58330		58308		
	560	58342		58320		
	570W	58172	-22	58150	507	
16	20E	P3	11	31028		
		P4		1027		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

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LINE	STA	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
1800N	160E	58369	-05	58364	542	Pz 1071
	140	58022	↑	58017		
		57970		57965		
		57973		57968		
		58054		58049		
	120E	58026		58021		
	340	57996		57991		
		57963		57958		
		57989	↓	57984		
		58646	-05	58641		
	160E	58441	-06	58435		
	240	57997	↑	57991	654	
		57891		57885		
		57981		57975		
		58239		58233		
	160E	58128		58122		
		58095	↓	58089		Rig brk
		58066		58060		"
	100E	58079	-06	58085		" Back
		58131	↑	58124		
	1160E	58044		58038	856	
	40E	57416		57410		
	20E	59199	↓	59193		
	0+00	58615	-06	58609		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

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OPERATOR _____ DATE _____

LINE	STA	RDG.	CORREC-TION	TRUE RDGS	TIME	REMA
1800N	200W	58641	-05	58836		
		58417	↑	58412		
		57901		57896		
		57917		57912		
	100W	57889		57884	915	
		58193		58188		
		58095		58090		
		57837		57827		
		57834		57829		
	200W	58625		58620		
		59836		59831		
		58409		58404		
		58288		58283		
		58647		58642		
	300W	55339		55334		
		57870	↓	57865		
	340W	57987	-05	57882	915	

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
1900N	440W	58341	-04	58343	9 23	445 pl
		58520	↑	58516		
	400	58895		58891		[illegible]
		58918		58914		200 [illegible]
	360W	58503		58499	9 24	
		58381		58380		CL [illegible]
		58186		58182		20 E [illegible]
	320W	57738		57734		
		58126		58122		
		58540		58536		
		58120		58116		
		58973	↓	58969		
	200W	60976	-04	60972		
		58318	-03	58315		
		57865	↑	57862		
		58723		58720		
		57868		57865		
	100W	57843		57840	9 35	
		57907		57904		
		57950		57947		
		57939		57936		
		57940		57937		
	0+00	58598	↓	58595		
	20E	58671	-03	58667		

HUSSEY GEOPHYSICS INC.

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OPERATOR _____ DATE _____

LINE	STA	RDG	CORREC. TION	TRUE RDGS	TIME	REMAR
1900N	40E	58774	-02	58772		cl
	60E	57855	↑	57831	9 40	60-8
		58010		58008	9 42	
	100E	58180		58178		
		58041		58039		
		57933	↓	57931		Rec...
	160E	58123	-02	58125	9 45	"
		58116	↑	58114		190 R
	200E	58139		58137		
		58091		58089		
		57918		57916		
		57925		57923		
		57921		57926		
	300E	57945		57943		
		57963		57961		
		57952		57950		
		57961	↓	57959		
		58006	-02	58004		
	400E	58341	-01	58346	9 53	
		58475	↑	58474		
		57976		57975		
		57990		57989		
		57984	↓	57988		
	500	58064		58063		
	520E	58174	-01	58173	9 56	

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

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LINE	STA.	RDG	CORREC. TION	TRUE RDGS.	TIME	REMARKS
1700N	465W	57884	-23	57866	5 12	
	440W	57921		57898		
		57900		57877		
	400W	57990		57957		
		57737		57714		
		58116		58093		
		57938		57915		
		58220		58197		
	300W	57986		57963		
		58606		58583		
		58044		58021		
		58832		58809		
		58879		58856		
	200W	58384		58361		
		57886		57863	5 21	
		58103		58080		
		58367		58344		
		58259		58236		
	100W	57934		57921		
		58727		58704		
		58612		58589		
		58054		58031		
		58209	V	58186		
	0+00	58731	-23	58708		

HUSSEY GEOPHYSICS INC.

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LINE	STA.	RDG.	CORREC. TION	TRUE RDGS	TIME	REMARKS
1700N	20E	58686	-23	58663		95W
		58635		58612		Rain Gear
1200N	BL 6E	57955	-23	57932	5 29	ROW
		"				
1600N	BL 6E	57986	-23	963	5 31	
1500N	BL 6E	58025	-27	58998	5 36	
1200N	BL-0	58204	-13	58191	5 41	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

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OPERATOR ______ DATE ______

LINE	STA.	RDG.	CORRECTION	TRUE RDGS.	TIME	REMARKS
1200N	BL	58202	-11	58191	752	
1700N	BL	57955	-03	932	757	
2100N	200E	58021		-57998	[illegible]	
2000N	160E	580[illegible]			[illegible]	
1900N	160E	58125			[illegible]	
1500N	100E	58085	-03		[illegible]	BL 1700
						[illegible]
1700N	BL-NE	57954	-03	57932	812	
	80E	58022	↓	58019		[illegible]
	100E	58083		58080		
		58112		58109		
		58159		58156		
		58117		58109		
		57935		57932		
	200E	57881		57878		
		57889		57886		
		57950		57947		
		58359		58356		
		58927		58924		
	300E	58373		58370	822	
		58016		58013		
		57920		57917		
	360	58004	-03	58001		

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

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LINE	STA.	RDG.	CORRECTION	TRUE RDGS	TIME	REMARKS
1700N	380E	57953	-04	57949		
	400E	57890	↕	57886		
		58194		58190		
		58364		58360		
		58675		58671		
		58105		58101		
	500E	58020		58016		
		58073		58069		
		57942		57938		
		57987		57983		
		57953		57949		
	600E	57961		57957	827	
		57973		57969		
		57954		57950		
		57936		57932		
	680	57973		57969		
	690E	57968	-04	57964	832	[illegible]

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

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LINE	STA	RDG	CORRECTION	TRUE RDGS	TIME	REMARKS
2000N	5.0E	58161	-01	58160	9.58	
		58371	↑	58373		
		56452		56550		
	500E	58085		58084		
		57945		57944		
		57942	↓	57941		
		58586	-01	58585		
		58235	0	58235		
	400E	57913	↑	57913	10:12	
		57915		57915		
		57947		57947		
		57936		57936		
		57963		57963		
	300E	58025		58025		
		59368		59368		
		58034		58034		
		57863		57863		
		57932		57932		
	200E	58028		58028		Rain Break
		58132	↓	58132		11
		58027	0	58027	1011	Rain Break
		58097	↑	58097		
		58266	↓	58266		
	100E	59376	0	59376		

HUSSEY GEOPHYSICS INC.

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LINE	STA.	RDG	CORRECTION	TRUE RDGS	TIME	REMARKS
2000N	5.0E	58376	0			
	60	58742	↑			
	70	59342				
	80E	59016				
	0+00	58093			1017	
	20W	58064				
		58217				
		58397				
		58415				
	100W	58413				
		58252				
		59139				CPE. C
		57580				
		60210				
	200W	58443				
		58464				
		58427				
		58433				
		57922				
	300W	58456			1026	
		57977				
		58232				
		58136	↓			
		58003	0			
	400W	57423			1031	

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

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LINE	STA	RDG	CORRECTION	TRUE RDGS.	TIME	REMARKS
2100N	280W	57547	0		1036	
		57784	↑			
		57819				
		58517				
	200W	58849				
		58557				
		58610				
		58833				
		58222				
	100W	60062			1042	
		58637				
		58015				
		58134				
	20W	57314				
	0+00	58836				
		58130				
		58456				
2100N	BL60E	58744				
2200N	BL60E	58727			1058	
2100N	BL60E	58746	↓		1052	
	80E	58727				
	100E	58578	0			

HUSSEY GEOPHYSICS INC.

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LINE	STA	RDG	CORRECTION	TRUE RDGS	TIME	REMARKS
2100N	120E	58157	0			
		58316	↑			
		58319				
	180E	58067	↓			Clay
	200E	58021	0	58021	11	River
		58048				Rock
		57963	↑			
		57881				
		57783				
	300E	58696				
		57985				
		57935				
		57949				
		57991				
	400E	57943				
		57927	↓			
	430E	58008	0		1158	
		430E	P2	11310711		

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

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OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORRECTION	TRUE RDGS.	TIME	REMARKS
2200N	480E	58295	0		11Z	
		58029				
		57945				
		57942				
	400E	57951				
		57918				
		57928				
		57922				
		57909				
	300E	57905			11E	
		57914				
		57991				
	240	58089				Rain Break
	220	58211				11
	200E	58017	0			190 Line
		57940	-01			
		58537				
		58370				
		58602				
	100E	58648				
		58440				
	BL 60E	58732				
	40	58792				
	20	58010	-01			

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

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LINE	STA.	RDG.	CORRECTION	TRUE RDGS.	TIME	REMARKS
2200N	0+00	58664	-01			
		58748				
		58667				
		58250				
		57833				
	100W	57783				
		57843				
		58550				
		54143				
		58409				
	200W	57842			11 35	
		58370				
	240W	57843	-01		11 37	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

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LINE	STA.	RDG.	CORRECTION	TRUE RDGS.	TIME	REMARKS
2300N	380W	57970	-02		1142	305 N 50
		57835	↑			
	360	57766				
		57937				
		58426				
	200W	57764				CPN 5
		58193				
	160W	58621				
		54113				
		57277				
	100W	57857			1148	
		57818				
		57866				
		57884				
		57825				
	040	57928				
	20E	57963	↓			
	40	58320				
2300N	BL-60E	58627	-02		1154	
2400N	BL-60E	58790			1157	
2500N	BL-60E	58769			1159	
2300N	BL-60E	58629	-02	629	1202	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

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LINE	STA	RDG.	CORRECTION	TRUE RDGS	TIME	REMARKS
2300N	80E	58552	-02		1204	
	100	58006	↑			
		59554				
	140E	58447				
	160	58348				
	180	58166				
	200E	57866				
		57977	↓			270 Rain M
2300N	240E	57946	-02		1213	11
						210 Lunch
2100N	200E	58023	-02	58021	1216	
2100N	200E	58023	-02	58021	1247	
2300N	270E	57884	-02		1251	
	280E	57875	↑			
	300	57891				
		57933				
		57922				
	360E	57933				
		57942				
	400E	57974				
		57950	↓			
	440E	57951	-02			

HUSSEY GEOPHYSICS INC.

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LINE	STA.	RDG	CORREC. TION	TRUE RDGS.	TIME	REMARKS
2300N	460E	57954	-02	57957		
		57973	↑	57971		
	500E	58004		58002		
		58061	↓	58059		
	540E	58097	-02	58095	1:03	

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

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LINE	STA.	RDG	CORREC. TION	TRUE RDGS.	TIME	REMARKS
2400N	600E	58109	-01		1:07	590CIN
		58060	↑			
		57999				
		57995				
		58011				
	500E	57997				
		57996				
		57999				
		57984				
		57983				
	400E	57983				
		57974			1:13	
		57952				
		57945				
		57931				
	300E	57917				
		57865				
	260	57878				RunBad
	240	57798				11
		58072				235Pm
	200E	57782			1:20	
		58561				
		58193				
		58510	-01			

HUSSEY GEOPHYSICS INC.

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LINE	STA.	RDG	CORREC-TION	TRUE RDGS.	TIME	REMARKS
2400N	120E	58697	-01			
	100E	58665	-01			
		58678	-01			
	BL-60E	58791	-01	790	1:27	
	40E	59189	"			
	20E	59022				
	0+00	57940				
	20W	57920				
	40	57883				
	60W	57907				
	80W	59625				
	100W	58046				
		58396				
		57834			1 33	
	160W	58205				
		57968				
	200W	57850				
		57841				
		57894				
		57835				
	280W	57835	-01		138	10MN Jct.
		2430N				
		R3	1131	079		

HUSSEY GEOPHYSICS INC.

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LINE	STA	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
2500W	260W	57907	-02	57905	1:42	[illegible]
		57918	↑	57916		Base
		57914		57912		
	240W	57903		57901		
		57897		57895		
		57932	↓	57930		
		58658	-02	58656		
		58192	-03	58189		
	100W	58556	↑	58553		
		58136		58133		
		58309		58306		
		58309		58306		
	20W	57981		57978		
	0+00	57946		57943		
	20E	57830		57827		
		58188	↓	58185		
	BL-60E	58272	-03	58269	1:52	
	80E	58665	↑	58662		
	100E	58212		58209		
		58250		58247		
		58229		58226		
		58063		58060		
		59129	↓	59126		
	200E	58971	-03	58968	1 57	

HUSSEY GEOPHYSICS INC.

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LINE	STA.	RDG.	CORREC. TION	TRUE RDGS.	TIME	REMARKS
1500E	220E	57788	-03	57785		
	240	57894	↑	57891		cliff
	260	57845		57842		Rd Bank
	280	57902		57898		"
	300E	57921		57917		
		57948		57945		
		57949		57946		
		57991		57988		
		57967		57964		
	400E	58022		58019	209	
		58074		58071		
		57987		57984		Cliff
		58185		58182		
		58065	↓	58062		
	500E	58023	-03	58020	216	CLOSE
2500E	260E	57961	-03	898	232	

HUSSEY GEOPHYSICS INC.

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LINE	STA.	RDG.	CORREC. TION	TRUE RDGS	TIME	REMARKS
2600N	260E	57984	-03	57981		2 10
		57972	↑	57969		
		58196		58193		
		58862		58859		
	200E	58101		58098		
		58091		58088		
		58272		58269		
		58918		58915		
		58587		58584		
	100E	58721		58718		
		59001		58998		
	BL-60E	58588		58585	252	
	40	58478		58475		
	20E	58313		58310		
	0+00	58098		58095		
	20W	58127		58124		
		58153		58150		
		58292		58289		
		58457		58454		
2600N	100W	58761		58758		
		58303		58300		
		58066	↓	58063		
		57997	-03	57994		

HUSSEY GEOPHYSICS INC.
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LINE	STA	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
2100N	240W	58021	-02	58019	3 03	[illegible]
		[illegible]	↑	57990		〃
	200W	57978		57976		〃
		57984		57982		
		57956		57954		[illegible] 150
		58357		58355		150
		57970		57968		
	100W	58117		58115		
		58626		58624		
		58087		58085	3 10	
		58185		58183		
		58102		58100		
	0+00	58125		58123		
	20E	58583		58581		
		58826		58824		
	60E	58422		58420	3 13	
2100N		58839		58837		
	100E	57766		57757	3 19	[illegible]
		58477		58475		
		58660		58658		
		58570		58518		
		58216		58214		
	200	58185	↓	58183		
27	220E	58194		58192	3 2[illegible]	
[illegible]	[illegible]	[illegible]	-02	[illegible]	[illegible]	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

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LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
2[illegible]N	180W	57935	-03	57932		
	200W	5794[illegible]	↕	57941		[illegible]
		5793[illegible]		57935		〃
	240W	5794[illegible]	-03	57940	3 03	[illegible]

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LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
100N	620W	57938			3 54	
100N	740					
	760		R[illegible]	[illegible]		
	780		R[illegible]			
360N	800	58542	0		4	N1
		58641				
	841	57737				
		58241				
		57949				
	400W	57842				
		57821				
		57827				
		57812				
		57890				[illegible]
	1050W	57867				[illegible]
		57710				[illegible]
		57753			4 11	[illegible]
		57757				[illegible]
		57704				[illegible]
	1100W	57703				[illegible]
		57713				[illegible]
		57692				[illegible]
		57689				[illegible]
		57694	0			

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY

PAGE 103

OPERATOR
DATE

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMAR
[illegible]	1200W	57711	0			[illegible]
		57690				
		57680				
		57746				
	1280W	55299	0		4 [illegible]	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY

PAGE 105

OPERATOR DATE

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
100N	940W	58116	0		443	
		58440	↑			
		58664				
	1000W	58964				
		58535				edge of
		58216				line
		58139				rd
		57888				[illegible]
	1100W	58032				
		57725				
		57807				
		57921				
		57867				
	1200W	58208			452	
		58669				
		58538				
		58579				
		57998				
	1300W	58017				
		57935	↓			
	1340W	57731	0		454	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY

PAGE 104

OPERATOR DATE

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
200N	1300W	57746	0		428	
		57929	↑			
		57848				
		58663				
		57744				
	1200W	57575			433	
		57609				
200N		57546				[illegible]
		57576				[illegible]
		57553				[illegible]
	1100W	57623				[illegible]
		57596				[illegible]
		57586				[illegible]
		57666				rd
		57049				[illegible]
	1000W	57803				[illegible]
		57731				
		58122				
		58428				
		58390	↓			
	900W	58459	0		434	

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

PAGE 106

OPERATOR _____ DATE _____

LINE	STA.	RDG.	CORRECTION	TRUE RDGS.	TIME	REMARKS
C106	1400W	58066	0		502	
		59123	"			
		59093	"			
		58895	"			
		59397	"			
	1300W	58672	"			
		59173	"			
		58443	"			
		57808	"			
		57757	"			
	1200W	57752	"		508	
		58207	"			
		58102	"			
		57862	"			
		58175	"			
	1100W	58377	"			Fill in
		58625	"			RD
		58786	"			RD
		58523	"			
		58832	"			
	1000N	58681	"			
		59004	"			
		59059	"			
	440	58951	0		524	

HUSSEY GEOPHYSICS INC.

MAGNETOMETER SURVEY

PROPERTY _____

PAGE 107

OPERATOR _____ DATE _____

LINE	STA.	RDG	CORRECTION	TRUE RDGS	TIME	REMARKS
1008	1000W	59179	0		527	
		58611	"			
		58141	"			
	1060	58505	"			S.M
	1050	57950	"			RI
	1100W	58135	"			RD
		57864	"			Edge of
		58647	"			
		57482	"			
		58949	"			
	1200W	58813	"		534	
	1220	58587	0			

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY

PAGE 109

OPERATOR

DATE

LINE	STA	RDG.	CORREC-TION	TRUE RDGS.	TIME	REMARKS
	1500W	58577	-02		546	
200S		59006				
		58416				
		59061				
		58990				
	1400W	59411				
		59343				
		59193				
		59124				
		59217				
	1300W	58492				
		58459				
		58309				
		58988				
		58204				
	1200W	58697			557	
		58312				Rd
		58052				
	1140	58154				(4'Pl
	112	59189				Rd
	1140	58647				Rd
		58355				
		58429				
200S	1050	58614	-02		LL	

HUSSEY GEOPHYSICS INC.
MAGNETOMETER SURVEY

PROPERTY

PAGE 108

OPERATOR

DATE

LINE	STA.	RDG.	CORREC-TION	TRUE RDGS	TIME	REMARKS
100S	1220W	58587	0			
		58278				
		58840				
		58563				
	1300W	59291				
		59096				
		58634				
		59353				
		58885				
	14W	59557				
		59149				
100S	1440	58831	0		542	

APPENDIX III

Drill Logs

* Note: All of this BQ core stored in

Government Core Library

Ontario

THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO.	PAGE NO.
KNA-92-1	1

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
NOREX DRILLING	—	070°	50m	collar | -50°	SEE SKETCHES		1131037

DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		LOCATION (Tp., Lot, Con. OR Lot. and Long.)
FEB 2/92	FEB 4/92	FEB 6/92	J.K. FILO	50m. ft | -46°	LINE 250 N ST 740 E CENTRAL GRID SEE SKETCHES KNIGHT & NATAL TWPS.

EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		PROPERTY NAME (KNA)
KRL RESOURCES CORP CROSS LAKE JOINT VENTURE		PROFESSIONAL ENGINEER J.K. FILO BRITISH COLUMBIA SCIENTIST	ft |	KNIGHT/NATAL/ARTHUR LAKE

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m.)	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS + Cu ppm	ASSAYS + Zn ppm	ppm ASSAYS + Co | Pt
0	9m	OVERBURDEN										
9	34.85	ULTRAMAFIC FLOWS	DETAILS:									
				nil	237	7701	11.95	12.2	0.25	46	96	
			9m to 11.6m - pillowed ultramafic flow, chloritic salvages, local brecciation, flow breccia, joints at 10° to core axis	nil	186	7702	14.0	14.6	0.60	66	105	
			- chlorite interstitial to breccia fragments also									
			- this unit is fine grained & grey green color									
			- very rare quartz/calcite stringer & trace sulphides noted along joint planes									
			- at 11m very blocky, still high angle joints 10° to core axis									
			11.6m - 19.8m - spinifex textured ultramafic flows									
			- from 11.6 to 14.5m spinifex poorly developed, short lathes in clusters, in some instances these clusters almost appear variolitic									
			- at 12 to 12.2 small quartz vein oriented 10° to core axis									
			- ground still blocky and joints 10° to C.A.									
			- fine very minor sulphides and rare quartz calcite stringers associated with joints									
			- from 14.5m to 19.8m spinifex becomes much better developed									
			- from 14.5 to 19 very fine hair-like lathes of spinifex for the most part from 19 to 19.8 spinifex still well developed but coarser & black coloured lathes & blds									

Ontario

THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO.	PAGE NO.
KNA-1-92	2

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar °			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft °			
				ft °		PROPERTY NAME	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (M.)	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS + ppm Cu	ASSAYS + ppm Zn	ppm Co	ppb Pt
			DETAIL CONTINUED:										
				nil	328	7703	24	24.5	0.5	85	90		
			19.8 to 28.5 - pillowed ultramafic flow as described previously from 9m to 11.6m	nil	460	7704	24.5	24.75	0.25	44	54		
				nil	571	7705	24.75	26.0	1.25	56	61		
			- this section contains blocky sections and joints 10° to C.A. in general										
			- at 24.5 to 24.6 small quartz vein, white in color, minor fine pyrite in vein and some coarse cubic pyrite on lower contact. lower contact 65-70° to core axis, beyond vein to 26m a number of quartz calcite stringers with pyrite clots & blebs	10	320	7706	28.25	29.0	0.75	108	84		
				nil	368	7707	29.0	29.3	0.30	78	66		
				nil	719	7708	34.3	34.8	0.5	62	515		
				nil	426	7709	34.8	35.0	0.2	189	1040		
						N/S	35	35.6	0.6	GROUND CORE			
			28.5 - 32.8 - spinifex textured ultramafic starting out originally as before with variolitic like clots of spinifex grading into slightly better developed lathes of spinifex by 31m. also from 28.5 to 31.25 a few interrelated sections of pillowed ultramafics (30-40 cms)	38/41	139	7710	35.6	36.8	1.2	229	369		
				17	96	7711	36.8	38.0	1.2	130	206		
				14	52	7712	38.0	38.3	0.3	92	152		
				nil	55	7713	38.3	39.2	0.9	41	228		
				nil	61	7714	39.2	39.5	0.3	59	456		
			- minor fine disseminated or stringer sulphide associated with spinifex from 28.75 to 29.25										
			- from 31.25 to 32.8 fine latths of spinifex grade into coarse black lathes and rods with spinifex texture										

Ontario

THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. KNA-92-1 | PAGE NO. 3

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	
				ft			
				ft			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m.)	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS ppm Cu	ASSAYS ppm Zn	ppm Co	ppm Pt
			DETAIL CONTINUED:										
			32.8 - 34.85 - still ultramafic to contact but coarse grained section exhibiting a gabbroic texture, very badly broken up unit, no sulphides or quartz noted.	nil	44	7715	39.5	40	0.5	46	290		
				nil	62	7716	40	41	1.0	45	128		
				nil	54	7717	41	41.5	0.5	53	277		
				nil	66	7718	42.75	43.55	0.80	97	166		
34.85	38.35	GRAPHITE	- very blocky broken up black conductive graphite with bands and nodules and disseminated pyrite	nil	73	7719	43.55	43.90	0.35	42	188		
			- banding roughly 60° to core axis	7	74	7720	43.90	44.15	0.25	83	102		
			- upper and lower contacts oxidized, possible fault or shear zone										
			- within this graphitic zone there exists a few felsic tuffaceous bands (2-8 cm) with minor fine pyrite										
			- joints within this zone still 10-15° to core axis as in most of this hole										
			- estimate sulphide content for graphitic interval 5%										
38.35	46.25	Rhyodacite Tuff	- aphanitic bleached rhyodacite tuff? with chert bands (white) also a few graphitic bands still generally not greater than 0.25m										
			- evidence of some brecciation and slumping in tuffs, banding 45° to core axis										
			- local lots un / stringers of pyrite 1-2% maximum throughout unit										
			-										

Ontario

THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO.	PAGE NO.
KNA-92-1	4

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
					collar			
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	
					ft			
					ft			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m)	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS ppm Cu	ASSAYS ppm Zn	ppm Co	ppb Pt
46.25	50	Intermediate Volcanic	- fine grained unit, little white clots, possible leucoxenes, very light grey in color this unit - very few joints, joints that are present roughly 100° to C.A., few minor quartz calcite stringers in this section with rare pyrite - upper contact of this unit gradational and associated with quartz calcite veinlets - this unit for the most part is massive & basically featureless	nil	109	7721	46	46.55	0.55	31	98		
			END OF HOLE 50m.										
			TMS										

Ontario

THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. KNA-92-2 | PAGE NO. 1

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
NUREX DRILLING	—	070°	62 m.	collar -45°	KNIGHT & NATAL TWP L12N ST14W (CENTRAL GRID) SEE SKETCH "HOLE ABANDONED"	—	1131040

DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY	EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)
Feb 5/92	Feb 7/92	FEB 14/92	J. K. FILO		FEB 14/92	J. K. FILO

LOCATION (Tp., Lot, Con. OR Lot. and Long.): KNIGHT & NATAL TWP

PROPERTY NAME: KNA (KNIGHT/NATAL ARTHUR LAKE)

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m.)	SAMPLE FOOTAGE TO	SAMPLE m. LENGTH	ASSAYS + ppm Cu	ASSAYS + ppm Zn	ASSAYS + ppm Co	ASSAYS + ppb Pt
0	48	CASING		nil	24	11500	50	51	1.00	50	83	—	—
				3	24	11401	51	52	1.00	35	83	—	—
48	56.25	Lapilli Tuff Dacitic	- light grey aphanitic unit, sub-angular fragments, no banding	nil	29	11402	52	53	1.00	46	106	—	—
			- joint sets @ 70° to core axis	3	28	11403	53	54	1.00	45	305	—	—
			- number of unmineralized sections, fine disseminated pyrite 1-2% over 30-40cm intervals	nil	22	11404	54	55.1	1.10	51	154	—	—
			- at 53.5 unit becomes somewhat darker right to 56.25, this section is mineralized with 1-2% pyrite throughout interval, mineralization consists of cubic sub-hedral pyrite & fine disseminated pyrite	nil	32	11405	55.1	56.25	1.15	52	220	—	—
			- from 54.5 to 55 badly broken up zone of rock with sand, mud, and slickenslides on slip face → FAULT, mineralization adjacent this fault may be directly related to fault zone										
52.65	62.	Rhyodacite Tuff	- similar to unit above except somewhat more siliceous and still a number of sub angular fragments										
			- also local fine pyrite in 30-40cm intervals as well 1-2%										
			- two sets of joints evident one @ 65-70° to C.A. and another @ 30° to C.A										
			- a few quartz calcite stringers parallel joint sets										
			Hole Abandoned as it went through a topographic cliff face & back into overburden										

Ontario

THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. KnA-92-2A | PAGE NO. 1

DRILLING COMPANY: NIPEX DRILLING	COLLAR ELEVATION: —	BEARING OF HOLE FROM TRUE NORTH: 070°	TOTAL FOOTAGE:	DIP OF HOLE AT: 0 collar | -50°; 128m ft | -49°; ft; ft; ft	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM: SEE SKETCH L 12 NORTH ST 140 W CENTRAL GRID
DATE HOLE STARTED: FEB 7/92	DATE COMPLETED: FEB 9/92	DATE LOGGED: FEB 10/92	LOGGED BY: J.K. FILO		
EXPLORATION CO., OWNER OR OPTIONEE: KRL RESOURCES CORP & CROSSLAKE MINERALS JOINT VENTURE		DATE SUBMITTED: FEB 10/92	SUBMITTED BY (Signature): J.K. FILO, B.C. GEOLOGIST, BRITISH COLUMBIA		

MAP REFERENCE NO.: | CLAIM NO.: 1131040

LOCATION (Tp., Lot, Con. OR Lat. and Long.): KNIGHT & NATAL TWPS

PROPERTY NAME: KNIGHT / NATAL ARTHUR LAKE

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION: Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m.)	SAMPLE FOOTAGE TO	SAMPLE LENGTH m.	ASSAYS + ppm Cu	ASSAYS + ppm Zn	ppm Co	ppb Pb
0	38	BEDROCK @ 38											
38	52.7	DACITIC LAPILLI TUFF?	- light grey aphanitic unit with a few sub-angular fragments	nil	31	7722	41	42.5	2.5	52	129		
			- no distinct banding noted										
			- locally sporadic sulphides are present to 44m	nil	26	7723	43.4	44	0.6	31	110		
			- a few quartz stringers present as well, about 1-2 mm in width, these are oriented 20-30° to core axis	nil	23	7724	44	45	1.0	87	121		
				nil	28	7725	45	46	1.0	118	154		
				nil	24	7726	46	47	1.0	93	147		
			- similar joints in this unit 20-30° to core axis	nil	29	7727	47	48	1.0	53	141		
				nil	25	7728	48	49	1.0	39	137		
			- from 44m to 52.7 a few minor sericitic sections & salphides become more pronounced	nil	24	7729	49	50	1.0	73	108		
				nil	28	7730	50	50.7	0.7	90	111		
52.7			1-2% pyrite in stringer & disseminated form	nil	27	7731	50.7	51.7	1.0	60	104		
				nil	26	7732	51.7	52.7	1.0	81	65		
			- this unit gradually grades into the next unit, more silicification and sericite alteration commences	nil	29	7733	52.7	53.0	0.3	68	64		
				nil	27	7734	53.0	54.0	1.0	37	59		
				nil	23	7735	54.0	55.0	1.0	35	111		
				nil	31	7736	55.0	56.0	1.0	38	271		
52.7	58.6	Rhyodacite	- massive very hard aphanitic unit, = very siliceous in some instances, zones of sericitic alteration	10 | 4	26	7737	56.0	57.0	1.0	40	203		
				7	24	7738	57.0	57.5	0.5	36	155		
			- quartz veinlet @ 53.9 to 53.95 and at 50° to core axis as are joint sets in this unit	nil	40	7739	57.5	58.5	1.0	39	134		
				14	26	7740	58.5	59.0	0.5	39	200		
			- 1-2% pyrite throughout this section with local areas of 3-4% pyrite										
			- from 56 to 57.6 there is an inter-calated section of DACITIC LAPILLI TUFF as described above; fairly well mineralized 2-3% over the interval										
			- last metre of this section bleached and silicified, still contains 2% fine disseminated										

Ontario

THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE → HOLE NO. KNA-92-2A | PAGE NO. 2

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	
				ft			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM m	SAMPLE FOOTAGE TO m	SAMPLE LENGTH m	ASSAYS + ppm Cu	ppm Ag	ppm Zn	ppm Co	ppb Pt
58.6	61.6	DACITE LAPILLI TUFF	- as described previously from 38 to 52.7, only minor sulphide	10	23	7741	54.0	60.0	1m	37		126		
				13	33	7742	60	61.0	1M	38		128		
				9	32	7743	61.0	61.6	0.6	41		184		
				20	121	7744	61.6	62.0	0.4	287	0.3	1400		
61.6	63.85	GRAPHITE	- black graphitic zone, start of conductive zone	32	313	7745	62.0	63.0	1.0	702	0.5	7140		
				31	275	7746	63.0	63.85	0.85	606	0.4	10400		
			- locally < 1/2 pyrite, some minor quartz locally a bull white quartz/calcite vein is evident from 63.65 - 63.85	nil	54	7747	63.85	65.0	1.15	151		497		
			- upper contact 85° to C.A & lower contact 75-80° to C.A.											
			- this section of core badly broken up joint sets at roughly 60° to core axis	nil	43	7748	67	68	1.0	143		135	28	-
				nil	39	7749	68	69	1.0	147		123	26	-
				nil	34	7750	69	69.5	0.5	132		367	33	-
63.85	73.85	DIABASE (REVISED FROM ORIGINAL LOG)	- greenish black fine grained massive magnetic unit, no green phenocrysts											
			- fairly broken up numerous joint & slip planes at high angles ranging from 65 to 85° to core axis, also a second set of joints											
			- at 69.1 a small 5-6 cm shear with some quartz stringers and sulphide											
			- unit has a number of clots of sulphide throughout unit, sulphide content of unit estimated to be less than 1%											
			- resembles lower unit											

Ontario

THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. KNA-92-2A | PAGE NO. 3

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	
				ft			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (M.)	SAMPLE FOOTAGE TO	SAMPLE (M) LENGTH	ASSAYS + ppm Cu	ppm % Zn	ppm Co	ppm Pb
73.45	105	GRAPHITE	- MAIN conductive zone *	31	619	7751	75	75.5	0.5	968	0.9	7910	– –
			- massive to weakly banded black fine grained graphite										
			- pyrite noted locally throughout this section, but there is not a lot of it. pyrite makes up less than 1% of unit, locally there may be 2-3% pyrite over 0.5m	41	355	7752	76.3	77.0	0.7	1100	0.9	3300	– –
				75	374	7753	82.0	83.0	1.0	805	1.9	4560	– –
				261	288	7754	83	83.5	0.5	506	5.4	3740	– –
			- pyrite that is present exists as clots and fragments & worm like bands	134/137	313	7755	87	88.0	1.0	517	4.0	3980	– –
			- joint sets in this unit are 45° to C.A., however there are a few polished high angle slips usually @ 10° to C.A.										
				72	547	7756	88.5	89.5	1.0	1500	2.3	7700	– –
			- at 98.5 the graphite is recrystallized										
			- at 99m to 105.1 the graphitic unit is very badly broken up and numerous high angle slips 60-70° to core axis	206	424	7757	96	97	1.0	724	1.4	5040	– –
			exist; joints still 45° to core axis	106	834	7758	100.45	101	0.55	1750	2.2	12600	– –
				127	576	7759	101	102.1	1.10	1550	1.8	8240	– –
			- rare quartz veinlet noted at 101.4 to 101.5										– –
			- lower contact 75-80° to C.A.	453	271	7760	104	105	1.0	756	1.5	5600	57 <5
				50	137	7761	105	106	1.0	136		176	23 <5
105.	116.5	GABBRO	- appears to be an intrusive unit, medium grained, appears to be made up of 50-60% plagioclase feldspar, 30-40% mafic minerals, and 5-10% quartz	nil	135	7762	106	107	1.0	89		77	24 <5
				nil	147	7763	107	108	1.0	81		87	25 <5
				nil	146	7764	108	109	1.0	86		80	28 <5
				nil	180	7765	109	110	1.0	83		78	25 <5
			- upper 1st metre of this zone very fine grained, possible chill margin	nil	142	7766	110	111	1.0	83		325	26 <5
				nil	149	7767	111	112	1.0	91		96	28 <5
			- unit is non-magnetic	nil	144	7768	112	113	1.0	87		71	26 <5
			- unit is well mineralized with very finely disseminated sulphides throughout it 2-3% locally it may contain up to 5% pyrite throughout it	6	150	7769	113	114	1.0	91		76	27 <5
				7	151	7770	114	115	1.0	90		78	27 <5
				nil	154	7771	115	116	1.0	90		20	26 <5
				nil	152	7772	116	116.5	0.5	94		377	27 <5
			- a few										

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DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. UNA-92-2A | PAGE NO. 3A

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lot. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m.)	SAMPLE FOOTAGE TO	SAMPLE LENGTH m	ppm Cu	ppm Ag	ASSAYS + ppm Zn	ppm Co / Pb
		*	sheet FOR ADDITIONAL ASSAYS ! *	44	590	110965	73.85	75	1.15	850	1	11900	
				32	650	110966	75.5	76.3	0.80	2100	41	12500	
				39	240	110967	77	78	1	330	<1	2300	
				36	220	110968	78	79	1	400	<1	2600	
				86	420	110969	79	80	1	900	2	7900	
				87	390	110970	80	81	1	840	1	9000	
				89	440	110971	81	82	1	1200	2	7400	
				41	290	110972	83.5	84.5	1	620	2	4600	
				52	490	110973	84.5	85.5	1	1200	2	7100	
				16	210	110974	85.5	86.0	0.5	340	1	8200	
				39	350	110975	86	87	1	710	<1	5700	
				72	440	110976	88	88.5	0.5	900	2	7400	
				78	570	110977	89.5	90.5	1.0	1500	2	9600	
				11	66	110978	90.5	91.5	1.0	120	2	890	
				15	120	110979	91.5	92.0	0.5	240	<1	1200	
				39	460	110980	92	93.0	1.0	960	1	6600	
				45	290	110981	93	94.0	1.0	1000	2	3700	
				6	34	110982	94	95.0	1.0	50	<1	220	
				43	150	110983	95	96	1.0	230	<1	1200	
				138	470	110984	97	98	1.0	710	2	6700	
				130	370	110985	98	99	1.0	2400	3	4000	
				68	85	110986	99	100	1.0	100	2	430	
				34	110	110987	100	100.45	0.45	210	3	1800	
				15	83	110988	102.1	103	0.90	130	2	1100	
				10	32	110989	103	104	1.0	36	3	250	

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DIAMOND DRILLING LOG

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FILL IN ON EVERY PAGE ▶ HOLE NO. KNA-92-2A | PAGE NO. 4

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m)	SAMPLE FOOTAGE TO	SAMPLE LENGTH (m)	ASSAYS + ppm Cu	ppm Ag	ppm Zn	ppm Co	ppb Pb
116.5	117.1	GRAPHITE	- small zone of MASSIVE black graphite with quartz/calcite vein & stringers, some pyrite also	72	165	7773	116.5	117.1	0.6	521	0.7	3800	43	<5
				46	148	7774	117.1	118.0	0.9	283		673	27	<5
				nil	146	7775	118	119	1.0	167		159	26	<5
				nil	147	7776	119	120	1.0	103		104	29	<5
				nil	149	7777	120	121	1.0	84		84	25	<5
117.1	122.4	GABBRO	- as described previously above, this section also contain 2-3% fine disseminated pyrite throughout it, begins to become finer grained towards graphite, start of chill margin	nil	161	7778	121	122	1.0	91		206	27	<5
				nil	173	7779	122	122.4	0.4	106	0.3	1920	25	<5
				50	234	7780	122.4	122.7	0.3	371	0.8	12400	51	<5
				nil	61	7781	122.7	123.7	1.0	129	0.2	1260	32	<5
				nil	40	7782	126.5	128	1.5	154		115	27	<5
122.4	122.7	GRAPHITE	- badly broken up ground graphitic zone minor quartz; last of graphite in this hole	nil	46	7783	128	129	1.0	150		106	29	<5
122.7	123.15	GABBRO	- fine grained chill margin still of GABBROIC unit described previously contacts ground up blocky ground											
123.15	133	"DIABASE" (REVISED FROM ORIGINAL LOG!)	- distinct greenish APPEARANCE, somewhat talcose & chloritic, has a pseudo-breccia APPEARANCE & rare chloritic rind initially thought to be a pillow rind - this unit resembled so called "deckerite" unit described by ARTHUR LAKE MINES & GOVERNMENT geologists except it does not have as much quartz/calcite flooding, this may be a flow breccia - unit is badly broken up, there are numerous joints & slips 60° to core axis - upon splitting noted distinct rare greenish white phenocrysts indicative of "DIABASE" - hole bottomed out in blocky zone											

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THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

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FILL IN ON EVERY PAGE ▶ HOLE NO. KNA-92-3 | PAGE NO. 1

DRILLING COMPANY: NOREX DRILLING	COLLAR ELEVATION: —	BEARING OF HOLE FROM TRUE NORTH: 060°	TOTAL FOOTAGE: 101m.	DIP OF HOLE AT: 0 collar | -55°; 101m ft | -51°; ft |; ft |; ft |	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM: SEE SKETCH; LINE 900 NORTH; ST 315 WEST; CENTRAL GRID
DATE HOLE STARTED: —	DATE COMPLETED: FEB 11/92	DATE LOGGED: FEB 12/92	LOGGED BY: J.K. FILO		MAP REFERENCE NO.: —
EXPLORATION CO., OWNER OR OPTIONEE: KRL RESOURSES CORP & CROSS LAKE MINERALS JOINT VENTURE		DATE SUBMITTED: FEB 12/92	SUBMITTED BY (Signature): [signature]		CLAIM NO.: 1131039
					LOCATION (Tp., Lot, Con. OR Lot. and Long.): KNIGHT & NATAL TWPS
					PROPERTY NAME: KNA (KNIGHT/NATAL ARTHUR L.

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION (Colour, grain size, texture, minerals, alteration, etc.)	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m.)	SAMPLE FOOTAGE TO	SAMPLE LENGTH (M.)	ASSAYS + ppm Cu	ASSAYS + ppm Zn	ASSAYS + ppm Co	ASSAYS + ppm Pt
0	17	DIABASE	- greyish black unit, medium grained unit, has a few greenish colored sub-hedral phenocrysts (feldspar)	7	39	7784	8	9	1.0	153	120	—	—
			- first 3.5m of this unit contains a number of blocky section with joints & oxidation, high angle 70-80° to C.A, possible faulting	nil	33	7785	10.5	11.0	0.5	152	116	—	—
			- a few fine sulphides present also (pyrite) 1/2-1% throughout unit	7	38	7786	11	11.4	0.4	142	87	—	—
			- unit is magnetic										
			- no upper contact, bedrock										
			- lower contact ground										
			at 10.25 oxidized broken zone, possible fault.										
17	26.55	DACITE/ LAPILLI TUFF?	- fairly massive light grey unit, no significant banding however numerous small sub-angular clasts	nil	37	7787	22	23	1.0	59	74	20	—
				nil	37	7788	23	24	1.0	63	87	23	—
				nil	34	7789	24	25.3	1.71	43	68	19	—
			- a number of quartz calcite stringers	nil	32	7790	25.3	26.0	0.7	66	58	21	—
			- unit contains a number of quartz calcite stringers, also some trace pyrite mineralization	10	60	7791	26	26.55	0.55	133	41	25	—
			- ground core from 19.6 - 20m.										
			- joint sets in this unit 30-40° to C.A.										
			- at 21.2m some dimalite staining on a high angle fault? 55° to core axis										
			- from 24.5 to 25.25 quartz vein 3-4cm wide paralleling core, white (milky) in color, no sulphides										
			- near 26m a few quartz calcite veinlets with minor sericite alteration adjoining them & some core lower contact & some brecciation, lower contact 65-70° to core axis										

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DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. KMA-93-3 | PAGE NO. 2

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft / ft / ft		PROPERTY NAME	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m.)	SAMPLE FOOTAGE TO	SAMPLE LENGTH (m)	ppm Cu	ppm Ag	ppm Zn	ppm Co	ppb Pt
26.5	32m	GABBRO	-Medium to coarse grained unit, very blocky	75	150	7792	26.5	27.0	0.5	71		86	29	<5
			ground numerous joints ranging from 60-80°	nil	149	7793	27	28.0	1.0	77		76	28	<5
			to core axis	63	152	7794	28	29.0	1.0	64		128	30	<5
			-1-2% anhedral to subhedral pyrite throughout	nil	152	7795	29	30.0	1.0	85		94	28	<5
			the entire interval, also minor quartz	nil	98	7796	30	31.0	1.0	77		101	26	<5
			calcite stringers with no preferred	nil	58	7797	31	32.0	1.0	67		106	22	<5
			orientation throughout unit	7	60	7798	32	33.0	1.0	90		115	18	–
			-no distinct alteration noted	17	51	7799	33	33.45	0.45	63	–	103	17	–
				45	231	7800	33.45	34.0	0.55	526	10	3120	49	–
32	38.45	GRAPHITE ZONE	-32 to 33.45 graphitic breccia zone quartz	120	572	11451	34	35.0	1.0	1050	25	7400	106	–
			veining, pyrite, numerous angular felsic	106	507	11452	35	36.0	1.0	1080	2.1	7630	100	–
			fragments with local minor fine pyrite	24/27	321	11453	36	37.0	1.0	247	0.5	1390	58	–
			-at 33.45 weakly banded to massive black	31	294	11454	37	38.0	1.0	145		376	52	–
			graphite, where banded 40-45° to C.A.	333	161	11455	38	38.45	0.45	364		910	21	–
			-some nodules and "worm like" pyrite in	79	23	11456	38.45	39.45	1.0	36		73	13	–
			graphite	48	18	11457	39.45	40.0	0.55	14		35	8	–
			-from 36.3 to 38.55 felsic volcanic breccia	446	9	11458	40	41.0	1.0	16		64	7	–
			fragments as above in graphitic matrix,	86	13	11459	41	42.0	1.0	13		93	10	–
			locally fine pyrite noted, lower contact	154	17	11460	42.0	43.0	1.0	21		81	8	–
			ground.	38	9	11461	43.0	44.0	1.0	13		37	7	–
				45	13	11462	44.0	45.0	1.0	20		50	10	–
				250	15	11463	45.0	46.0	1.0	15		34	8	–
38.45	47.35	Feldspar Porphyry	-pinkish grey unit, medium grained composed	75	9	11464	46.0	47.0	1.0	12		105	7	–
			of orthoclase feldspar, greenish-white	730	16	11465	47	47.35	0.35	47		177	9	–
			plagioclase feldspar phenocrysts that are											
			subhedral to anhedral very minor quartz											
			and possibly 5-7% mafic minerals peppered											
			throughout unit											
			- approximately 1% fine pyrite throughout											
			this unit - up to 2% locally											
			- two joint sets present, one at 70° to C.A.											
			& one at 45° to C.A.; a few minor quartz											
			veins 2-3mm wide parallel to both joint sets (rare)											
			minor sulphide [illegible] lower contact [illegible]											

* For features such as foliation, bedding, ...

Ontario

THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

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DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
					collar			
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft			
					ft		PROPERTY NAME	
					ft			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m)	SAMPLE FOOTAGE TO	SAMPLE LENGTH (m)	ASSAYS + ppm Cu	ppm Ag	ppm Zn	ppm Co	ppm Ag
47.35	47.65	GRAPHITE	- black graphite which makes up the contact zone between feldspar porphyry above and unit below, - ground up pretty badly.	545	217	11466	47.35	47.65	0.3	590	0.6	4480	35	-
				41	182	11467	47.65	47.65	1.0	96		652	27	-
				7	161	11468	47.65	99.65	1.0	97		156	27	-
				27	172	11469	49.65	50.80	1.15	173		208	28	-
				137	157	11470	50.80	51.7	0.90	264		1520	31	-
47.65	53.65	DACITIC LAPILLI TUFF?	- greyish to light green unit, aphanitic unit, numerous sub angular fragments, - no banding noted - minor graphitic bands within this unit - banding in graphitic unit within this section @ 70° to C.A.	119	186	11471	51.7	52.7	1.0	98		93	28	-
				79	152	11472	52.7	53.25	0.55	121		153	22	-
				137	336	11473	56	57	1.0	749	1.5	4920	83	-
			- dacitic lapilli tuff unit has fine grained pyrite 1-22 throughout entire unit, in some instances some of pyrite is euhedral to sub-hedral - two joint sets in this unit, one at 45° & one at 70° to C.A. - a few small milky white quartz veins in this unit that are barren and do contain fine pyrite (vein 2-3cm), usually oriented parallel to joint sets	89	332	11474	57	58	1.0	615	1.3	3680	111	-
				343	628	11475	58	59	1.0	1390	3.2	8440	134	-
				103	404	11476	59	59.55	0.55	1100	1.9	10600	107	-
				116	440	11198	59.55	60.70	1.15	480		5000	-	1
				34	140	11199	60.70	61.5	0.80	140		1500	-	2
				108	260	11200	61.5	62.0	0.50	700		6400	-	2
					*	CHECK	ASSAYS	*						
53.65	61.9	GRAPHITE	- massive black graphite - clots and stringers of sulphide (pyrite) locally distributed throughout section - high angle joint sets throughout this zone 65-70° to core axis - fine 4-5cm quartz vein found in this section also @ 60.2 m, barren milky white - note ground core from 55.3 m to 56m	46	460	11195	53.25	54.0	0.75	570		3700	-	2
				48	540	11196	54	55.0	1.00	1100		6100	-	2
				37	350	11197	55	55.5	0.50	660		4700	-	1
						N/S	55.5	56.0	LOST	CORE (GROUND)				

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DIAMOND DRILLING LOG

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DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	
				ft			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION (Colour, grain size, texture, minerals, alteration, etc.) ZnS CuFeS2	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m)	SAMPLE FOOTAGE TO	SAMPLE LENGTH (m)	ASSAYS + ppm Cu	ppm Ag	ppm Zn	ppm Co/Pt ppb
61.9	71	DIABASE	- contact (upper 85° to C.A.), chill margin from 61.9 to 62.5, then unit becomes medium grained, & exhibits typical diabasic texture	2153/1954	404	11477	71.05	71.30	0.25	213	1.0	2020	54 –
				141	253	11478	71.3	71.55	0.25	23		301	17 –
				72	41	11479	71.55	72.0	0.45	25		328	15 –
				21	26	11480	72	73.0	1.00	26		318	15 –
			- also typical of this area distinct greenish-white phenocrysts (craze) & unit is magnetic as well	10	28	11481	73	74	1.00	28		80	17 –
			- unit is very broken up, numerous high angle slips & joints 90° to C.A.	14	30	11482	75.1	75.95	0.85	15		63	15 –
			- minor fine pyrite in diabase										
			- lower contact ground up	7	22	11483	76.5	77	0.50	9		102	15 –
				nil	31	11484	77	77.5	0.50	18		174	18 –
71	91.45	DACITE	- massive, light grey aphanitic unit										
			- from 71 to 74 unit is carbonatized proximal to dyke contact, small clots of brown sphalerite & 1 speck of chalcopyrite near contact in quartz carbonate veinlet	nil	25	11485	78.45	79.55	0.60	16		46	13 –
				nil	24	11486	79.55	80.00	0.45	11		44	16 –
			- contact at 75° to core axis	nil	30	11487	82.0	83.0	1.0	13		45	15 –
			- from 74 to 78.75 unit basically barren except for minor sulphide (1%) locally & quartz calcite stringers randomly oriented making up 1% of this section	nil	25	11488	83.0	84.0	1.0	13		61	15 –
			- from 78.75 to 86m 1-2% quartz calcite veinlets randomly oriented throughout this interval, also a few small sections of dacitic lapilli tuff 20-40 cm in length with some sub-angular fragments										
			- also starting in this interval is some sericitic alteration 10-15 cm on each side of some of the quartz calcite fractures in one or two instances										
			- very competent unit & few joints, two sets one @ 45° to CA & another @ 70-75°										

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

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THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. KNA-92-3 | PAGE NO. 5

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lot. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	
				ft			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m)	SAMPLE FOOTAGE TO	SAMPLE LENGTH (m)	ASSAYS + ppm Cu	ASSAYS + ppm Zn	ppm Co / ppb Pt
			- from 86 - 91.45, numerous quartz calcite stringers and fairly extensive sericitic alteration 60-70% of this interval	nil	25	11489	86	87	1.00	8	52	
			- from 87.65 - 88.10 good quartz/calcite vein with Angular sericitic wall rock fragments & very minor pyrite	nil	36	11490	87	87.65	0.65	15	49	
				3	19	11491	87.65	88.10	0.45	10	16	
				nil	33	11492	88.10	89.0	0.90	12	47	
				nil	34	11493	89.0	90.0	1.00	11	128	
				nil	24	11494	90	91.0	1.00	7	59	
			- lower contact gradational	nil	32	11495	91.0	91.5	1.00	8	81	
91.45	101	Dacitic Tuff (Lapilli)	- light grey unit, aphanitic, numerous small fragments, angular & sub-angular fragments (intermediate to felsic in composition)	nil	30	11496	95	96	1.00	31	112	
			- some local pyrite mineralization, usually fine & disseminated									
			- still a number of random quartz calcite <1-3 cm veins	nil	26	11497	97.5	98.0	0.50	19	117	
			- joint sets two in number, one @ 45° & a second @ 70° to core axis	nil	28	11498	98.0	98.7	0.70	17	120	
				130	28	11499	100	101	1.00	13	116	
			END OF HOLE 101 m.									

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THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. KNA92-4 | PAGE NO. 1

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
NOREX DRILLING	—	250° Az	160m.	collar | -50°	L5S 3T320E SOUTHGRID SEE SKETCH		1131042
DATE HOLE STARTED: FEB 15/92	DATE LOGGED: FEB 16/92	LOGGED BY: J.K. FILO		50m ft | -52°		LOCATION (Tp., Lot, Con. OR Lot. and Long.): KNIGHT & NATAL TWPS.	
DATE COMPLETED	DATE SUBMITTED	SUBMITTED BY (Signature): J. K. FILO		165m. ft | -55°			
EXPLORATION CO., OWNER OR OPTIONEE: KRL RESOURCES CORP & CROSS LAKE MINERALS JOINT VENTURE				ft |		PROPERTY NAME: KNA (KNIGHT/NATAL ARTHUR LAKE)	

FOOTAGE (m) FROM	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE (m.) FROM	TO	SAMPLE (m) LENGTH	ASSAYS + ppm Cu	ppm Zn	ppm Co	ppb Pt
0	4m.	OVERBURDEN		nil	51	11407	5	6	1.00	248	109		
				nil	36	11408	6	7	1.00	80	87		
4	7.8	ULTRAMAFIC	- first 1.5 m badly broken up blocky unit is massive and dark black on fresh surface	14	58	11409	7	7.3	0.30	465	258		
			- massive in appearance, aphanitic, greasy (serpentinized)	nil	45	11410	7.3	8.0	0.70	557	177		
			- from 5m to 7m becomes somewhat more bleached and somewhat silicified, has a pseudo-brecciated appearance typical of a flow breccia perhaps, at 7m a soft basally unaltered piece of ultramafic with sulphides interstitial to flow breccia	nil	46	11411	10	11	1.00	182	48		
				nil	51	11412	11	11.5	0.50	145	96		
				nil	48	11413	11.5	12.5	1.00	107	79		
			- numerous high angle joints	nil	50	11414	13.3	14.0	0.70	152	73		
				nil	43	11415	14.0	14.5	0.50	167	44		
7.8	14.65	Silicified Zone (CHERT)	- light grey on fresh surface, upper contact on break & ground up	14	50	11416	15.75	16.05	0.30	464	127		
			- black on broken surface	21	36	11417	16.05	16.75	0.70	45	42		
			- has chert like appearance in some instances particularly near lower contact	nil	38	11418	16.75	17.0	0.25	121	61		
				nil	45	11419	17.0	17.2	0.20	471	89		
			- also contains intercalated sections of ultramafic within chert such as at 11-11.5m some cubic pyrite, and quartz stringers present in these ultramafic sections										
			- some minor clots of pyrhotite and pyrite within this silicified zone										
			- fractures & joints numerous 50-60° to core axis										
14.65	18.0	ultramafic	- as described from 4 to 7.8, badly broken up unit, weakly serpentinized in places with talc & chlorite particularly proximal to joints & slips, local pyrite mineralization on a few quartz stringers										

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DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. KNA-92-41 | PAGE NO. 2

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lot. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	
				ft			
				ft			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m)	SAMPLE FOOTAGE TO (m)	SAMPLE LENGTH (m)	ppm Cu	ppm Zn	ppm Co	ppb Pt
18.0	28.15	Cherty Tuffaceous unit.	- upper contact between ultramafics and this section ground up once again	nil	59	11420	18.1	18.5	0.40	131	42		
			- initial metre of this section from 18-19 silicified chert like as described previously	nil	335	11421	18.5	19.5	1.00	102	65		
			- black on broken surface and aphanitic	nil	76	11422	19.5	20.0	0.50	83	68		
			- this chert like unit grades into what appears to be a tuffaceous unit with a fine ash matrix and small, sub-angular fragments 1-2mm, on occassion a 2-3mm fragment, compositionally unit looks mafic; a few quartz stringers noted with K-feldspar	nil	61	11423	22.8	23.2	0.40	96	90		
				nil	320	11424	23.2	23.4	0.20	133	81		
				nil	339	11425	23.4	24.4	1.00	109	66		
				45	39	11426	24.4	25.0	0.60	165	196		
				nil	38	11427	25	26.0	1.00	37	75		
			- within this tuffaceous unit talc/chloritic serpentenized intervals of ultramafic exist i.e from 23.2 to 24.2	nil	77	11428	28.4	29.0	0.60	100	407		
				10	1400	11429	29.0	29.7	0.70	41	36		
			- beyond 24.2 to 28.15 very siliceous chert like material with section of about 0.5m with up to 1% fine disseminated pyrite	10	1550	11430	29.7	30.4	0.70	32	19		
				7	1750	11431	30.4	31.1	0.70	36	24		
				nil	393	11432	31.1	31.5	0.40	20	16		
			- from 24.2 rock becomes much more competent - fracture 35-40° to C.A., prior to this ground fairly broken up to joint sets evident one @ 35-40° and a second @ second one at 65° to C.A.	nil	1310	11433	31.5	32.5	1.00	38	37	76	–
				nil	1170	11434	32.5	33.3	0.80	39	19	–	<5
			- minor banding noted proximal to lower contact										
28.15	33.3	Ultramafic volcanic	- initially from 28.15 to 30.4 ultramafic is extensively brecciated, and weakly sheared, shearing + stretched breccia fragments @ 45° to C.A.										
			- contact (upper) @ 85° to C.A.										
			- some pyrite 1-2% in stringers + disseminated form over 10-30cm from 28.15 to 30.4, minor quartz stringers also										

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

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DIAMOND DRILLING LOG

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FILL IN ON EVERY PAGE ▶ | HOLE NO. KUN-92-4 | PAGE NO. 3

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
					collar			
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft			
					ft		PROPERTY NAME	
					ft			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m)	SAMPLE FOOTAGE TO	SAMPLE LENGTH (m)	ASSAYS + ppm Cu	ASSAYS + ppm Zn	ppm Co	ppb Pt
		ULTRAMAFIC VOLCANIC CONTINUED	- beyond 30.4 very fine grained black to grey/ black unit, strongly magnetic, locally poorly developed cumulate texture?	nil	320	11435	33.3	34.0	0.70	52	108		
				nil	185	11436	34	35.0	1.00	53	100		
				nil	97	11437	35	35.5	0.50	121	88		
			- from 31.4 to 31.5 quartz calcite vein, no significant sulphide, minor angular wall rock fragments within it	nil	79	11438	35.5	36.3	0.80	92	43	56	-
				nil	1100	11439	36.3	37.3	1.00	24	25	73	<5
				nil	1600	11440	37.3	38.0	0.70	13	20	-	<5
			- the ultramafic unit carries minor pyrite clots & stringers (less than 1%)	nil	1730	11441	38.0	39.0	1.00	12	17	-	<5
				nil	1920	11442	39	40.0	1.00	49	47	66	<5
			- a number of minor joints noted 25-30° to C.A	nil	1740	11443	40	41.3	1.30	75	24	83	<5
				nil	972	11444	41.3	42.3	1.00	48	82	45	<5
33.3	36.3	Chert / Graphitic Sediments	- Predominantly grey and white chert with the first 1.5m of this section strongly brecciated, fushite noted in some instances interstitial to breccia fragments, some minor quartz flooding interstitial to breccia fragments										
			- minor sulphide (1%) locally associated with brecciation										
			- from about 34.8 more massive chert & some minor graphitic bands, fine graphite makes up about 2-3% of this unit maximum										
			- beyond 34.8 to 36.3 about 1% fine disseminated pyrite noted										
			- banding @ 80° to core axis, lower contact at 45° to core axis										
36.3	41.3	ULTRAMAFIC	- black magnetic unit, dark black veinlets (polysutured?) & in some instances a slightly crackled appearance										
			- locally a few stringers of pyrite										
			- lower contact 70° to C.A										
			- joints 65° to C.A										

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DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE — HOLE NO. 11NA-92-5 — PAGE NO. 5

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			

DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY	ft	LOCATION (Tp., Lot, Con. OR Lat. and Long.)

EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)	ft	PROPERTY NAME
			ft	
			ft	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m.)	SAMPLE FOOTAGE TO	SAMPLE (m.) LENGTH	ASSAYS ppm Cu	ASSAYS ppm Zn	
			-from 119 to contact rock becomes	9	52	11184	123.35	124.35	1.0	130	150	
			more green in color and unit has									
			a crackled to brecciated appearance,									
			less bleaching, brecciation particularly									
			pronounced from 123.35-124.35									
			-from 119 to contact a few minor quartz									
			veinlets 1-2mm wide noted.									
			-lower contact with diabase 55° to C.A									
124.35	152.45	DIABASE	- coarse grained, grey magnetic diabase,									
			chill margin fine grained on upper contact.									
			-a few greenish white anhedral to	<5	82	11185	152.45	153	0.55	160	52	
			sub-hedral phenocrysts noted	<5	92	11186	153	154	1.0	18	68	
			- from 137-139.7 bleached sericitic section	<5	83	11187	154	154.5	0.5	18	55	
			- from 145.4-146.4 fine grained phase	<5	70	11188	154.5	155.2	0.7	21	38	
			- from 124.35-152.45 joints in this competent	6	42	11189	155.2	156	0.8	38	46	
			unit generally 90° to C A.	10	53	11190	156	157	1.0	8	65	
			-some very rare minor pyrite <1% locally	<5	47	11191	157	158	1.0	51	51	
			distributed throughout unit	<5	33	11192	158	158.85	0.85	140	40	
			-chill margin a contact with granodiorite									
152.45	155.2	GRANODIORITE	-medium grained unit 60-70% feldspar,									
			and 10% mafics, distinct pink in color, massive									
			unit, rare sulphides, contact (lower) 60°									
155.2	158.85	Syenite?	-fine grained [illegible] unit [illegible] predominantly									
			of feldspar with a few sub-[illegible]									
			phenocrysts 50° to C.A., some fine sulphide									
			(minor) [illegible] in this unit as well, lower									
			contact [illegible] diabase [illegible] to CA									

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DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

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HOLE NO. KWA-92-5 | PAGE NO. 6

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	FIRE Au	ppm Ni +	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ppm Cu	ASSAYS + Zn
158.85	176	DIABASE	-as described previously above -joints basically 70° to C.A, a few high angle joints as well 70° to C.A -ch. 11 margin lasts from 158.75-161, beyond this diabase is coarse grained -large greenish phenocrysts of feldspar not noted from 158.85 to 176 -greenish sericitic altered section with tiny quartz stringers from 171.5 to 172.7								
			E.O.H. 176m	8	30	11193	171.5	172	0.5	51	23
				<5	24	11194	172.0	172.7	0.7	50	21

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DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE — HOLE NO. KNA-92-6 — PAGE NO. 1

DRILLING COMPANY: NOREX DRILLING	COLLAR ELEVATION: —	BEARING OF HOLE FROM TRUE NORTH: 003°	TOTAL FOOTAGE: 200m.	DIP OF HOLE AT: collar | -85°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM: L620N ST743W CENTRAL GRID	MAP REFERENCE NO.	CLAIM NO.: 1131035
DATE HOLE STARTED: Feb. 17/92	DATE COMPLETED: Feb. 20/92	DATE LOGGED: Feb. 21/92	LOGGED BY: J.K. FILO	100m ft | -84.5		LOCATION (Tp., Lot, Con. OR Lot. and Long.): KNIGHT & NATAL TWPS	
EXPLORATION CO., OWNER OR OPTIONEE: KRL RESOURCES CORP & CROSSLAKE MINERALS J.V.		DATE SUBMITTED	SUBMITTED BY (Signature): J.K. FILO	200m ft | -83°		PROPERTY NAME: KNA (KNIGHT/NATAL ARTHURL.)	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ppm Cu	ppm Zn
0	6.5m	OVERBURDEN		10	74	11238	11	12	1.0	63	68
				74	79	11239	12	13	1.0	61	74
6.5	37	BASALT ?	- first 5.5m from 6.5m to 11m fine grained grey colored unit, MASSIVE	11	84	11240	13	14	1.0	72	91
			- from 6.5 to 7.5, badly broken up, some oxidation & slips @ 5° to core axis								
			- also from 10.1 to 10.5 badly broken up zone								
			- from 11m to 14.5 medium grained section approaching gabbroic texture								
			- medium grained section contains a number of tiny quartz veinlets & trace specks of pyrite, minor tourmaline also present but minor	5	61	11241	16.8	17.0	0.2	64	61
			- joints from 6.5 - 14.5 roughly @ 60° to C.A.								
			- beyond 14.5 to 37m mainly massive grey basalt, somewhat minor quartz veinlets; fine grained unit	28	62	11242	25.7	26.1	0.4	48	72
			- pyrite sulphide less than 1% noted throughout this interval								
37	71.85	COARSE GRAINED BASALTIC LAVA	- this unit is believed to be a coarse grained flow, has a pinkish appearance, grey-green color	12	60	11243	27.4	27.7	0.3	34	92
			- basal contact with unit above contains 2-3% quartz veinlets 1-2mm								
			- joints in this relatively competent unit 55-60° to C.A.								
			- trace speck of pyrite noted	8	76	11244	30.6	31.5	0.9	73	83
			- slightly [illegible] from 31.5-47.5	5	79	11245	31.5	32.0	1.0	69	110
			- from 47.5 - 71.85 [illegible] slips at 10-10° to C.A and joints 65-70° to C.A. in this relatively competent unit	<5	59	11246	34.3	35	0.7	53	100
			- some tiny quartz stringers	<5	55	11247	35	35.5	0.5	74	85

* For features such as foliation, bedding, schistosity, measured from the [illegible]

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DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. KNA-92-6 | PAGE NO. 2

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m)	SAMPLE FOOTAGE TO	SAMPLE LENGTH (m)	ASSAYS ppm Cu	ASSAYS ppm Zn
			-note at 63.4 - 63.6 fault-like quartz vein	9	61	112248	35.5	36.0	0.5	69	87
			@ 55° to C.A. with 1-2% fine sulphide. This	224	72	112249	36	36.5	0.5	47	80
			vein appears to be related to a major								
			slip plane which parallels to the core								
			axis								
			-leucocrene noted on hanging wall side of								
			vein in wall rock								
71.85	75.1	Leucocrene	-coarse grained basalt as described	8	76	112250	41	41.20	0.20	73	85
		Bearing Basalt	in previous unit except numerous								
			skeletal leucocrenes are distributed throughout								
			unit.								
			-this is a competent unit also, a								
			few high angle slips are noted & joints								
			are at 65-70° to C.A.	14	62	11001	47	47.3	0.3	140	79
			-a number of tiny quartz stringers &								
			veinlets exist throughout unit.								
			-lower contact along slip plane @ 70° to C.A	9	130	11002	50.2	50.6	0.4	130	94
75.1	84.9	Coarse Grained	-grey-green in color medium grained								
		Basaltic Lava	similar to previously described units								
		Flow	1-3% quartz in small stringers within	9	59	11003	55	56	1.0	59	65
			this section								
			-rare fleck of pyrite noted	13	82	11004	57.5	58	0.5	37	70
				5	80	11005	58	59	1.0	56	59
1.9	88.3	Medium to Fine	-gradational contact at both ends of	7	81	11006	60	61	1.0	35	68
		Grained Leucocrene	this unit								
		Basalt	-greyish green color with leucocrene, sections	46	83	11007	63	63.4	0.40	62	79
			of fine & coarser grained rock,	3723	70	11008	63.4	63.65	0.25	70	40
			-relatively competent unit with a few high angle	106	79	11009	63.65	64.15	0.50	91	79
			slips.								
			-a few quartz veinlets and stringers (as noted								
			in first interval from 84.9 - 85.9	<5	69	11010	64	64.3	0.30	90	45

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DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

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HOLE NO. KNA-92-6 | PAGE NO. 3

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar °			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft °		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft °			
				ft °		PROPERTY NAME	
				ft °			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM m.	SAMPLE FOOTAGE TO	SAMPLE LENGTH m.	ASSAYS + ppm Cu	ASSAYS + ppm Zn
88.3	95	COARSER GRAINED BASALTIC LAVA	- similar to unit described previously from 37 to 81.5	67	73	11011	73.4	74.0	0.6	65	49
			- competent unit, a few minor slips @ 65-70° to C.A.								
			- rare veinlet and very rare pyrite on accession	9	77	11012	78.5	79.5	1.0	140	41
			- lower contact 70° to C.A	<5	76	11013	79.5	80.0	0.5	25	46
				<5	78	11014	80.0	80.5	0.5	37	48
				<5	79	11015	80.5	81.5	1.0	51	44
				5	80	11016	81.5	82.5	1.0	56	50
				13	77	11017	82.5	83.0	1.0	48	45
				<5	81	11018	83	84.0	1.0	48	46
95	96.85	COARSE GRAINED BASALTIC KOMATIITE?	- slightly fuchsitic coarse grained unit, gabbroic texture, this appears to be the start of the zone of interest during the fuchsitic green carbonate section	16	84	11019	84	84.5	0.5	63	52
				113	82	11020	85	85.5	0.5	76	43
						11021					
			- a few small quartz veinlets, some with minor pyrite noted, also some minor specks of pyrite in wall rock as well	29	78	11021	88.2	89.0	0.8	64	48
				1162	80	11022	94.9	95.9	1.0	22	42
				21	94	11023	95.9	96.85	0.95	38	48

Ontario

THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. 11NA-92-6 | PAGE NO. 4

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lot. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft / ft / ft		PROPERTY NAME	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM m	SAMPLE FOOTAGE TO	SAMPLE LENGTH m	ASSAYS + ppm Cu	ASSAYS + ppm Zn	ppm Co	ppb Pt
96.85	109.7	GREEN CARBONATE ZONE	- fine medium grained mafic sections appear almost gabbroic, initially (1st metre) minor quartz 2-3% in veinlets generally oriented 65-70° to C.A., minor fine pyrite associated with a few of these	147	75	11221	96.85	98	1.15	69	41		
				154	82	11222	98.00	98.95	0.95	42	48		
				593/559	69	11223	98.95	99.80	0.85	35	49		
				75	47	11224	99.80	100.00	0.20	75	36		
				79	50	11225	100	101	1.00	66	33		
			- from 98.3 more green carbonate & more quartz veins & stringers to about 10%	nil	81	11226	101	101.5	0.50	65	34		
			- gate from 99 to 99.8, substantial quartz flooding & quartz veinlets, fuchsite.	79	77	11227	101.5	102.5	0.50	61	57		
			This is associated with a possible fault @ 99.4 @ 70° to C.A., mud up slip face (gouge?), a few fine sulphides associated w. ½ this zone	7	82	11228	102.5	103.0	0.50	78	65		
				96	74	11229	103	104	1.00	46	53		
				247	82	11230	104	105	1.00	55	70		
				813	93	11231	105	105.5	0.50	70	50		
				264	67	11232	105.5	106.0	0.50	31	47		
				147	47	11233	106	106.5	0.50	18	41		
			- from 101 to 103 still green carb. altered but not as intense, quartz veinlets comprise 3% of this interval	981	71	11234	106.5	107.0	0.50	43	45		
				96	84	11235	107	108	1.00	25	51		
				55	74	11236	108	109	1.00	45	58		
			- from 103 to 106.3 lots of quartz veining fuchsite & very fine sulphides locally associated with quartz veinlets, & slip & possible fault are associated with a veining @ 105.9 @ 10° to C.A.	483/531	80	11237	109	110	1.00	70	67		
			- from 107 to 109.7 evidence of (xenoliths remnant?), fuchsite & green carbonate becoming progressively less										

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THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. KNA-92-6 | PAGE NO. 5

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	
				ft			

FOOTAGE FROM (m)	TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Mo	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM m.	TO	SAMPLE LENGTH m.	ASSAYS + ppm Cu	ppm Zn	ppm Pb/Co
109.7	122.85	COARSE GRAINED BASALTIC/ KOMATIITE?	- as described previously above from from 95 to 96.85 this section however contains numerous QUARTZ STRINGERS a few small veinlets about 0.25 cm long and a halo of green carbonate extending proximal to the stringers & veinlets - minor leucocene noted from 111.3 to 112.5m - at 112.5 small shear with quartz vein & fuchsite extending to 112.75. minor pyrite - numerous high angle slips 20°-25° to C.A. from 117.5 to 122.85 and a few joints @ 85° to C.A. - very little green carb proximal to lower contact with diabase - a small dike 2cm long chilled present @ 122.3 - 122.4 prior to main dike contact	9	78	11024	110	111	1.0	65	82	
				59	78	11025	111	112	1.0	74	90	
				16	76	11026	112	112.5	0.5	73	70	
				43	44	11027	112.5	112.75	0.25	37	39	
				199	82	11028	112.75	117.25	0.50	32	46	
				30	80	11029	113.25	114.25	1.00	28	45	
				338	76	11030	114.25	114.75	0.50	17	41	
				224	82	11031	114.75	115.50	0.75	51	96	
				144	86	11032	115.50	116.00	0.50	48	73	
				63	79	11033	116.00	116.50	0.50	75	60	
				43	89	11034	116.50	117.50	1.00	91	69	
				130	80	11035	117.50	118.0	0.50	60	52	
				29	84	11036	118	118.5	0.50	46	56	
				740	84	11037	118.5	119	0.50	54	47	
				11	98	11038	119	120	1.0	58	170	
				11	96	11039	120	121	1.0	70	110	
				8	90	11040	121	122	1.0	71	71	
				9	97	11041	122	122.95	0.95	63	64	
122.85	159.45	DIABASE	- fine grained chilled margin for 1st 2 metres and gradually gets coarser - contact @ 50° to C.A. (upper contact) - a few epidote stringers @ 45° to 75° to C.A. noted - from 131 to 136 zone of brecciation within the diabase includes fragments of diabase and basaltic wall rock; a few vein quartz stringers noted, minor pyrite - numerous epidote stringers 70-80° to C.A up to 143 meters beyond breccia zone - beyond 143 massive coarse grained diabase with a few epidote veinlets - joints in diabase few in number, two set one @ 70° to C.A and one set @ 20-25° to C.A	5	110	11042	132.55	133	0.45	130	62	
				45	96	11043	133	134	1.00	110	62	

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THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. 11NA-92-6 | PAGE NO. 4

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
					collar			
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
					ft			
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	
					ft			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM m	SAMPLE FOOTAGE TO m	SAMPLE LENGTH m	ASSAYS ppm Cu	ASSAYS ppm Zn	ppm Co	ppb Pt
96.85	109.7	GREEN CARBONATE ZONE	- ~~a~~ medium grained unit, sections appear almost gabbroic, variably (1st metre) minor quartz 2-3% in veinlets generally oriented 65-70° to C.A., minor fine pyrite associated with a few of these	147	75	11221	96.85	98	1.15	69	41		
				154	82	11222	98.00	98.95	0.95	42	48		
				593/559	69	11223	98.95	99.80	0.85	35	49		
				75	47	11224	99.80	100.00	0.20	75	36		
	109.7			79	50	11225	100	101	1.00	66	33		
			- from 98.3 more green carbonate & more quartz veins & stringers to about 10%	nil	81	11226	101	101.5	0.50	65	34		
			- note, from 99 to 99.8 substantial quartz flooding & quartz veinlets, fuchsite	79	77	11227	101.5	102.5	0.50	61	57		
			this is associated with a possible fault @ 99.4 @ 70° to C.A., mud up slip face (gouge?), a few fine sulphides associated w/ this zone	7	82	11228	102.5	103.0	0.50	78	65		
				96	74	11229	103	104	1.00	46	53		
				247	82	11230	104	105	1.00	55	70		
				813	93	11231	105	105.5	0.50	70	50		
				264	67	11232	105.5	106.0	0.50	31	47		
				147	47	11233	106	106.5	0.50	18	41		
			- from 101 to 103 still green carb. altered but not as intense, quartz	981	71	11234	106.5	107.0	0.50	43	45		
			veinlets comprise 3% of this interval	96	84	11235	107	108	1.00	25	51		
			- from 103 to 106.3 lots of quartz veining fuchsite & very fine sulphides locally	55	74	11236	108	109	1.00	45	58		
			associated with quartz veinlets, a slip & possible fault are associated with	483/531	80	11237	109	110	1.00	70	67		
			veining @ 105.9 @ 10° to C.A.										
			- from 107 to 109.7, evidence of (xenoliths remnant?), fuchsite & green carbonate becoming progressively less										

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THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

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HOLE NO. KNA-926 | PAGE NO. 6

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lot. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	
				ft			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM m.	SAMPLE FOOTAGE TO m.	SAMPLE LENGTH m.	ASSAYS + ppm Cu	ASSAYS + ppm Zn	ASSAYS + ppm Co/Pt
			- last metre of diabase fine grained & chilled									
			- contact along a small quartz vein, 70° to C.A., minor sulphides associated with last metre also									
				156	41	11044	160	161	1.00	28	110	
				203	42	11045	161	161.60	0.60	38	110	
159.45	176.3	COARSE GRAINED BASALTIC KOMATIITE	- as described previously, minor green ** carbonate in this section except proximal to a few veinlets, still some gabbroic texture	155	26	11090	161.60	162.25	0.65	22	99	
				1871	24	11091	162.25	163.00	0.75	51	76	
				39	28	11092	163	163.55	0.55	42	22	
			- from 159 to 164 a few minor veinlets at 80° to C.A & a few quartz clots	60	48	11046	163.55	164	0.45	34	88	
				132	43	11047	164	164.7	0.70	35	67	
			- a 164.15 large quartz vein with minor pyrite extending to 164.7, lower contact 45° to core axis	199	54	11048	164.7	165	0.30	38	92	
				29	33	11093	165	165.5	0.56	30	86	
				5	34	11094	165.5	166	0.50	45	84	
			- beyond 165 the unit is basically unaltered to about 175, a few stringers at about 20° to C.A. noted some with quartz veinlets, a few quartz stringers and minor pyrite within this section as well	1191	49	11049	166	167	1.00	60	80	
				116	32	11095	167	167.75	0.75	51	82	
				15	30	11096	167.75	168.50	0.75	37	78	
				<5	34	11097	168.50	169.0	0.50	50	86	
				203	35	11098	169.0	170.0	1.00	59	84	
				<5	31	11099	170	170.2	0.30	40	70	
			- from 175-176.3 some green carb, a 30cm quartz vein as well as some stringers, this section likely marks the beginning of the following zone	1554	50	11050	170.2	170.7	0.50	56	90	
				8	38	11100	170.7	171.1	0.40	60	88	
				91	53	11051	171.1	172	0.9	56	94	
				23	45	11052	172	173	1.0	42	72	
				261	52	11053	173	173.5	0.50	50	68	
				92	56	11054	173.5	174.05	0.55	62	90	
				60	48	11055	174.05	175.05	1.00	50	77	
				38	46	11056	175.05	175.55	0.50	58	63	
				548	120	11057	175.55	176.30	0.75	120	67	

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THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

(ZONES)

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

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DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
					collar			
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lot. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	
					ft			
					ft			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM M.	SAMPLE FOOTAGE TO M.	SAMPLE LENGTH M.	ASSAYS + ppm Cu	ASSAYS + ppm Zn	ASSAYS + ppm Co/Pt
				nil	176	11201	176.3	177.3	1.0	75	68	
176.3	184.3	Fuchsitic Green Carbonate Zone	- altered version of unit just above, has a coarse grained appearance & many of grains are now just pure green fuchsite	nil	151	11202	177.3	177.8	0.5	102	57	
				55	149	11203	177.8	178.3	0.5	98	61	
				nil	162	11204	178.3	179.0	0.7	56	73	
			- leucocrates are also still present	nil	155	11205	179	179.5	0.5	104	69	
			- 5-7% quartz throughout entire interval, made up at least two sets of quartz veinlets which crosscut each other	nil	154	11206	179.5	180.0	0.5	76	59	
				nil	140	11207	180.0	180.5	0.5	111	56	
				103	131	11208	180.5	181	0.5	99	55	
			- also veining has ribbon-like apperance suggesting multiple pulses of veining following the same fissure	nil	127	11209	181	181.5	0.5	93	61	
				161	104	11210	181.5	182	0.5	62	60	
				7	153	11211	182	182.5	0.5	97	68	
			- vein systems range from 45° to 55° to core axis	10	138	11212	182.5	183.0	0.5	55	70	
				10	143	11213	183.0	183.5	0.5	63	73	
			- sulphide is fairly rare in these veins	62/58	151	11214	183.5	184.0	0.5	86	59	
				nil	182	11215	184	184.3	0.3	102	63	
				89	104	11216	184.3	185	0.7	55	49	
184.3	200.0	BASALT / BASALTIC KOMATITE ?	- medium grained grey black unit with short sections of fuchsitic material,	nil	148	11217	185	185.5	0.5	38	59	
				nil	155	11218	185.5	186.0	0.5	79	64	
				38	181	11219	186	187.0	1.0	88	71	
				nil	86	11220	187	188.0	1.0	33	47	
				9	150	11058	191	191.3	0.3	72	60	
				9	180	11059	197	197.3	0.3	36	74	
				<5	180	11060	197.3	197.9	0.6	40	54	
				5	300	11061	197.9	198.9	1.0	45	56	
				7	470	11062	198.9	199.45	0.55	78	61	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

THE MINING ACT – MINISTRY OF NATURAL RESOURCES

Ontario

DIAMOND DRILLING LOG

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DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY	ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)	ft			
				ft		PROPERTY NAME	
				ft			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m)	SAMPLE FOOTAGE TO	SAMPLE LENGTH (m)	ASSAYS ppm Cu	ppm Zn	ppm Co/Pb
			section @ 70° to core axis,	<5	300	11063	199.45	199.70	0.25	37	43	
			-last 1.5 m unaltered and fine grained	12	410	11064	199.70	200.00	0.30	56	51	
			a few small veins + stringers, massive									
							E.O.H	200				
			E.O.H. 200m									

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THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

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DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m.)	SAMPLE FOOTAGE TO	SAMPLE LENGTH (m.)	ASSAYS + ppm Cu	ppm Zn	ppm Co	ppb Pt
41.3	51.45	BRECCIA/SHEAR ZONE IN ULTRAMAFIC	- this unit from 41.3 to 46.7 is well brecciated and a quartz calcite stockwork of veining is present throughout the entire section (ultramafic)	nil	863	11445	42.30	43.10	0.80	39	35	41	<5
				nil	161	11446	43.10	43.70	0.60	36	78	–	–
				17	256	11447	43.70	44.25	0.55	151	305	–	–
			- small bands of cherty material and graphite @ 30 axist, foliation @ 60° to C.A @ 44m.	21	198	11448	44.25	44.95	0.70	112	395	–	–
				nil	71	11449	44.95	45.30	0.35	161	1040	–	–
			- 43.1 to 43.7 cherty	nil	1170	11450	45.30	46.30	1.00	63	69	62	<5
			- 43.7 to 44.25 graphite (silicious)	nil	1620	11351	46.30	47.0	0.70	25	41	84	<5
			- 44.25 to 44.95 chert, brecciated, some fine sulphides & fuchsite	nil	1310	11352	47.00	47.65	0.65	34	25	58	<5
				nil	1250	11353	47.65	48.40	0.75	22	49	51	<5
			- 44.95 to 45.30 graphite (silicious)	nil	1460	11354	48.40	49.00	0.60	44	47	56	<5
			- 45.30 to 46.7 stockwork breccia of quartz calcite local minor fine sulphides	10/21	1040	11355	49.00	50.00	1.00	81	73	2	<5
				38	1080	11356	50.00	50.50	0.50	48	21	48	<5
				7	497	11357	50.50	51.45	0.95	57	152	29	<5
			- from 46.7 - mostly grey/white bleached ultramafic moderately brecciated numerous stringers of sulphide & quartz calcite stockwork, talc present (ultramafic)										
				27	222	11358	51.45	52.25	0.80	462	619		
				27	125	11359	52.25	53.00	0.75	298	1880		
			- high angle joints 10-15° to C.A in this section.	21	103	11360	53.00	54.00	1.00	179	943		
				24	218	11361	54.00	55.00	1.00	440	535		
51.45	55.5	GRAPHITE	- Black graphite, banding 85° to C.A. locally 2-3% stringer pyrite & minor pyrrhotite	nil	300	11362	55.00	56.00	1.00	94	66		
				nil	383	11363	56	57.15	1.15	50	42		
				nil	561	11364	57.15	58.00	0.95	113	49		
				nil	301	11365	58.0	59.00	1.00	131	78		
55.5	67.1	BASALT? / BASALTIC KOMATITE?	- non magnetic lighter grey unit, massive unit, locally disseminated pyrite, add minor section of brecciation with some quartz calcite & sulphide (10-30 cm long)	nil	32	11366	57	60.0	1.00	13	35		
				nil	271	11367	62.85	63.55	0.7	215	40		
			joints 60° to core axis & second set @ 45° to C.A										
			- at 62m black broken ground, possible	nil	119	11368	65	65.6	0.60	128	49		
			fault zone, breaks @ 10° to C.A. contact	nil	143	11369	66.20	67.85	1.15	107	47		
			with lower breccia zone	nil	161	11370	67.85	68.10	0.25	62	33		
			- some skeletal leucoxene noted in this unit										

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations

Ontario

THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

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DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	
				ft			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m)	SAMPLE FOOTAGE TO	SAMPLE LENGTH (m)	ASSAYS + ppm Cu	ASSAYS + ppm Zn	ASSAYS + ppm Co	ASSAYS + ppm Pt
67.1	74	ULTRAMAFIC FLOW BRECCIA	- flow breccia has a crackled appearance, the areas interstitial to breccia are filled up with quartz calcite, fragments are sub-angular	<5	100	13371	68.10	69.0	0.9	140	74		
			- areas that are not brecciated or represent	<5	140	13372	69.0	70.0	1.0	83	69		
			the matrix without quartz calcite are dark	6	140	13373	70.0	71.0	1.0	73	48		
			black and fine grained to aphanitic, typical	9	160	13374	71.0	72.0	1.0	100	58		
			of ultramafics	<5	130	13375	72.0	73.0	1.0	76	110		
			- some fine sulphides 1-3% locally associated	7	110	13376	73.0	74.0	1.0	67	55		
			with quartz calcite	5	180	13377	74.0	75.0	1.0	64	53		
			- joint set 30° to C.A	<5	370	13378	75.0	76.0	1.0	35	28		
			- some more massive sections from 67.1 to 74	<5	410	13379	76.0	77.0	1.0	33	20		
			but roughly 80% flow breccia	8	520	13380	77.0	78.0	1.0	32	28		
			- gradational contact	12	580	13381	78	78.85	0.85	62	28		
				8	110	13382	78.85	79.9	1.05	130	65		
				15	88	13383	79.9	81.0	1.10	170	380		
				8	650	13384	81	82.0	1.0	84	48		
74	78.85	ULTRAMAFIC LAVA FLOW	- massive black ultramafic, some evidence of	41	480	13385	82	82.9	0.90	88	62		
			cumulate texture, fine grained to aphanitic for	10	93	13386	82.9	84.0	1.10	120	430		
			the most part, non-magnetic	11	76	13387	84	85	1.00	180	260		
			- 75.5-77.0 a few stringers and veinlets of quartz	18	75	13388	85	86	1.00	150	460		
			small sections with fine disseminated pyrite	7	60	13389	86	86.75	0.75	190	280		
			- joints @ 70° to core axis										
			- lower contact 25° to core axis										
78.85	79.9	MAFIC DYKE	- pink-grey colored matrix with tiny										
			black phenocrysts, somewhat siliceous										
			looking in some instances										
			- some fine pyrite found to be as well										
			(1-2%)										
79.9	81	GRAPHITIC SECTION	- high angle contact 70° to C.A										
			- some recrystallized banding, also some silicification										
			- odd rare quartz veinlet										
81	82.9	MAFIC DYKE ?	- as described previously, contacts altered some quartz										
			- upper & lower contacts 65°; some fine pyrite to 2-3%										

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

THE MINING ACT – MINISTRY OF NATURAL RESOURCES

Ontario

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

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HOLE NO.	PAGE NO.
KWA-92-4	6

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT*	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			

DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY	DIP OF HOLE AT*	LOCATION (Tp., Lot, Con. OR Lat. and Long.)
				ft	

EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)	DIP OF HOLE AT*	PROPERTY NAME
			ft / ft / ft	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION (Colour, grain size, texture, minerals, alteration, etc.)	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m)	SAMPLE FOOTAGE TO	SAMPLE LENGTH (m)	ASSAYS + ppm Cu	ppm Zn	ppm Co	ppb Pt
82.9	86.75	GRAPHITE	-BLACK GRAPHITE, Banding 47° to core axis, upper	<5	47	11390	86.75	87.25	0.50	110	160		
			contact 65° to C.A.	8	38	11391	87.25	88.00	1.00	74	130		
			-clots & stringers of pyrite throughout	<5	34	11392	88.00	89.00	1.00	82	58		
			interval, heavy fine sulphide near lower	7	43	11393	89.00	90.00	1.00	160	220		
			contact, a few minor quartz veinlets	29	38	11394	90.00	90.50	0.50	120	65		
			1-2cm parallel to banding	7	53	11395	90.50	91.00	0.50	119	69		
			-lower contact 80° to C.A. & lots of	nil	30	11396	91.00	92.00	1.00	56	61		
			fine pyrite	nil	54	11397	92.00	92.50	0.50	53	88		
				17	38	11398	92.50	93.00	0.50	69	77		
86.75	99.25	DACITIC TUFF	-from 86.75-88.7 aphanitic grey bleached	nil	26	11399	93.00	94.00	1.00	43	68		
			somewhat silicified approaching chert	nil	34	11400	94.00	95.00	1.00	57	45		
			in some instances, numerous sub-angular										
			to sub-rounded fragments of varying	nil	41	11251	95.0	96.00	1.00	74	350		
			composition, a few mineralized quartz	nil	43	11252	96.00	97.00	1.00	53	171		
			veins interstitial to ~~lose~~ fragments	nil	36	11253	97.00	98.00	1.00	41	108		
			(minor)	nil	45	11254	98	98.75	0.75	45	53		
			-from 88.7-92, slightly coarser grained, some	nil	48	11255	98.75	99.25	0.50	89	159		
			angular fragments still a few small quartz										
			stringers, joints & quartz veins 30° to C.A.,										
			local fine pyrite										
			-92-96, -as from 86.75 to 88.7, a few										
			quartz stringers 10cm long, also fine sulphide 1-2%										
			-from 96-99.25: as from 86.75 to 88.7 two										
			joint sets noted @ 10° to C.A & a second @										
			30° to core axis, also fine sulphides 1-2% disseminated										
			-lower contact 70° to C.A										
99.25	101.5	GRAPHITE	GRAPHITE	7	68	11256	99.25	100.5	1.25	175	118		
			-some breccia fragment cherty on contact,	21	244	11257	100.5	101.5	1.00	1320	244		
			some sulphide from 99.25 to 100.5 (1-2%); 60-70%										
			pyrite from 100.5 to 101.5										
			-joints a 60-70° to core axis										
			-some rare quartz veinlets < 2cm										

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

+ Additional credit available. See Assessment Work Regulations.

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DIAMOND DRILLING LOG

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FILL IN ON EVERY PAGE — HOLE NO. KNA-92-4 — PAGE NO. 7

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m.)	SAMPLE FOOTAGE TO (m.)	SAMPLE LENGTH (m.)	ppm Cu	ASSAYS + ppm Zn	ppm Co	ppb Pt
101.5	119.0	BASALTIC VOLCANIC	-light grey-green in color	5	530	11258	101.5	102.5	1.0	240	61		
			-from 101.5 to 110 a number of bleached sections around small quartz veinlets and slips	<5	420	11259	102.5	103.0	0.5	71	38		
				<5	520	11260	103.0	104.0	1.0	77	32		
			-some minor brecciation and remanent	<5	430	11261	104.0	105.0	1.0	92	100		
			varioles – pillow breccia zone?	<5	340	11262	105	105.5	0.5	96	38		
			-at 105.1 orange mineral in quartz/calcite vein calcite										
			-joints in this section 55-65° to core axis	<5	200	11263	107	108	1.0	66	43		
				<5	200	11264	108	108.5	0.5	33	30		
			-at 108.1 to 108.2 purple quartz infilling	<5	270	11265	108.5	110	1.5	83	31		
			-this unit contains minor sulphide 1% maximum locally associated with quartz calcite stringers and on slips										
			-beyond 110-116 unit becomes basically massive	<5	230	11266	113	114	1.0	76	31		
			-at 116 there is a major fault zone slickensides noted on slip planes, lower fault contact 50° to C.A										
119.0	121.8	ULTRAMAFIC VOLCANIC?	-unit distinctly black in color rather than grey & fine grained with some slightly coarser grained sections, massive looking	<5	510	11267	118	119	1.0	66	33		
				<5	690	11268	119	120	1.0	58	30	-	<15
				5	1000	11269	120	120.5	0.5	70	40	-	<15
			-unit distinctly magnetic, joints 60-70° to C.A	14	500	11270	120.5	121.2	0.7	33	27	-	<15
			-some fine sulphides locally distributed throughout section mainly pyrite & less than 1% over 20-30cm intervals	5	800	11271	121.2	121.8	0.6	58	30	-	<15
				<5	90	11272	121.8	122.5	0.7	50	88	-	-
				<5	250	11273	122.5	123.4	0.9	44	35	-	<15
			-from 120.5 to 121.2 some quartz veinlets with minor pyrite, lower contact 45° to C.A										
121.8	122.5	INTERMEDIATE PORPHYRITIC DYKE	-medium grained tan colored groundmass with sub-hedral to euhedral phenocrysts of K-feldspar & euhedral-subhedral pyroxene phenocrysts, also, some fine pyrite, lower contact 40° to C.A										

* For features such as foliation, banding, schistosity, ...

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DIAMOND DRILLING LOG

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FILL IN ON EVERY PAGE ▶ HOLE NO. XNA-92-4 | PAGE NO. 8

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lot. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft / ft / ft		PROPERTY NAME	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m)	SAMPLE FOOTAGE TO	SAMPLE LENGTH (m)	ASSAYS + ppm Cu	ASSAYS + ppm Zn	ASSAYS + ppm Co	ASSAYS + ppb Pt
122.5	165 – E.O.H.	ULTRAMAFIC VOLCANIC?	- similar to unit described above except @ 122.4m unit not magnetic and at 124 m. something that looks like extremely poorly developed spinifex	<5	110	11274	125	126	1.0	50	26	–	<15
			- from 127 to 133 variolitic texture noted, this portion of unit similar to that found in section described as BASALT from 101.5-110 except this section • more black in color rather than GREY	<5	190	11275	128	129	1.0	46	24	–	<15
			- beyond 133 to 144.3 very MASSIVE fine grained strongly magnetic section, dark black in color, almost no pyrite noted	<5	580	11276	133	134	1.0	47	24	–	<15
				<5	830	11277	134	135	1.0	60	20	–	<15
				<5/6	1000	11278	135	136	1.0	31	20	–	<15
				6	820	11279	136	137	1.0	40	22	–	<15
				<5	720	11280	137	138	1.0	50	26	–	<15
				<5	410	11281	138	139	1.0	38	24	–	<15
			- a strong fault zone exists from 138 to approximately 142.4, this section is badly broken up & there is talc chlorite alteration and numerous slips exist	<5	430	11282	139	140	1.0	46	30	–	<15
				<5	550	11283	140	141	1.0	74	32	–	<15
				17	710	11284	141	142	1.0	46	26	–	<15
				<5	1100	11285	142	143	1.0	58	24		
			- previous to this and within the fault slips & joints within this unit are generally high angle 65-80° to C.A.	<5	1100	11286	143	144.3	1.3	42	17	–	<15
				<5	520	11287	144.3	144.7	0.4	59	16	–	<15
				<5/5	540	11288	144.7	145.0	0.3	52	15	–	<15
			- at 144.3 to 145 minor zone of quartz calcite brecciation	6/8	660	11289	145	146.0	1.0	72	26		
				6	120	11290	146	147.0	1.0	69	98	–	<15
			- from 145 – 150.8 massive black non-magnetic unit fine grained with sections of what appears to be poorly developed spinifex; a number of joints and slip planes no-80° to C.A	<5	140	11291	147	148.0	1.0	42	25		
				<5	110	11292	148	149.0	1.0	64	31		
				<5	120	11293	149	150.0	1.0	26	33	–	<15
				<5	110	11294	150	150.8	0.8	15	23		
				9	160	11295	150.8	151.05	0.25	550	24		
			- from 150.7 - 154 as described previously above from 127-133, a number of quartz stringers & veinlets present particularly from 152-154, also small veinlet with minor chalcopyrite @ 150.9, veinlets and stringers generally high angle 50-65° to C.A	<5/45	340	11296	151.05	152	0.95	48	35	–	<15
				<5	230	11297	152	153	1.00	45	29		
				<5	340	11298	153	154	1.00	54	26		
				<5	510	11299	154	155	1.00	30	28		
				<5	600	11300	155	156	1.00	49	42		
				<5	740	11151	156	157	1.00	40	20		
				<5	500	11152	157	158	1.00	28	29		

* For features such as foliation, bedding, schistosity, measured from the

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DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

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HOLE NO. 11WA-92-4 | PAGE NO. 9

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lot. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME	
				ft			
				ft			

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m)	SAMPLE FOOTAGE TO	SAMPLE LENGTH (m)	ASSAYS + ppm Cu	ASSAYS + ppm Zn	ppm ppb Co/Pt
			- from 154-160.2 nearly black massive magnetic unit as described previously from 133 to 144.3, some minor pyrite, less than 1% noted locally in this section,	<5	720	11153	158	159	1.0	67	23	
				5	600	11154	159	160.2	1.2	50	26	
				6	240	11155	160.2	161.0	0.8	65	20	
			- from 160.2 to 165 - grey black non-magnetic section, aphanitic, some minor brecciation associated quartz calcite veining, very fine pyrite									
				<5	420	11156	162.2	162.7	0.5	64	21	
			- high angle joints 60° to C.A in this section									
			E.O.H. 165m.									

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THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. KNA-92-5 | PAGE NO. 1

DRILLING COMPANY: NOREX DRILLING	COLLAR ELEVATION: —	BEARING OF HOLE FROM TRUE NORTH: 224°Az	TOTAL FOOTAGE	DIP OF HOLE AT: 0 collar | -53° ; 84 ft | -53 ; 176 ft | -53.5 ; ft | ; ft |	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM: L 1240 SOUTH, ST 315 EAST, SOUTH GRID
DATE HOLE STARTED: Feb 16/92	DATE COMPLETED: Feb 19/92	DATE LOGGED: Feb 19	LOGGED BY: J.K. FICO		MAP REFERENCE NO.
EXPLORATION CO., OWNER OR OPTIONEE: KRC RESOURCES CORP & CROSS LAKE MINERALS JOINT VENTURE		DATE SUBMITTED: Feb 19/92	SUBMITTED BY (Signature): J.K. FICO		CLAIM NO.: 1131044
					LOCATION (Tp., Lot, Con. OR Lat. and Long.): KNIGHT & NATAL TWPS
					PROPERTY NAME: KNA (KNIGHT/NATAL ARTHARC)

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m)	SAMPLE FOOTAGE TO	SAMPLE LENGTH (m)	ASSAYS + ppm Cu	ASSAYS + ppm Zn	ppm Co	ppb Pt
0	4.6m	OVERBURDEN		<5	370	11301	4.6	5.0	0.4	24	29		
				7	540	11302	5.0	6.0	1.0	33	45		
4.6	26.6	ULTRAMAFIC BRECCIA / QUARTZ STOCKWORK	- unit APPEARS to have been a flow BRECCIA that has been "CRACKLED" and injected with a quartz/calcite network, the veins react with HCL (moderate to weak) thus a substantial portion of the network is quartz	<5	410	11303	6.0	7.0	1.0	24	38		
				<5	450	11304	7.0	8.0	1.0	34	43		
				<5	620	11305	8.0	9.0	1.0	37	47		
				6	630	11306	9.0	10.0	1.0	41	68		
				<5	600	11307	10.0	11.0	1.0	44	53		
				<5	650	11308	11.0	12.0	1.0	32	53		
			- EACH 3m run contains an average of 30% quartz/calcite and in some instances up to 50%	<5	500	11309	12.0	13.0	1.0	40	42		
				5	550	11310	13.0	14.0	1.0	40	50		
				<5	420	11311	14.0	14.5	0.5	32	39		
			- evidence for two sets of quartz/calcite stockwork exist as one set of veins is seen to cut across the other	<5	580	11312	14.5	15.0	0.5	44	39		
				<5	550	11313	15.0	15.5	0.5	27	47		
				<5	550	11314	15.5	16.0	0.5	51	34		
			- ground 8m a number of varieties were noted	<5	440	11315	16.0	17.0	1.0	28	34		
				7	440	11316	17.0	18.0	1.0	30	53		
			- BRECCIA fragments in this section are sub angular	<5	820	11317	18.0	19.0	1.0	39	70		
				5	640	11318	19.0	20.0	1.0	30	58		
			- joint sets with this reasonably competent looking unit are 50-70° to core axis	7	490	11319	20.0	21.0	1.0	32	140		
				<5	650	11320	21.0	22.0	1.0	33	51		
			- at 15' to 15.5, possible break, unlocated and a few small quartz veins, very minor stockwork prior to this break (unusual for this section) from 14.5-15m	<5	310	11321	22.0	23.0	1.0	44	67		
				<5	350	11322	23	24.0	1.0	54	62		
				<5	400	11323	24	25.0	1.0	41	53		
			- rare to non-existent pyrite noted up to 16m	<5	340	11324	25	26.0	1.0	52	54		
				<5	520	11325	26	26.6	0.6	83	130		
			- at 18m excellent spinifex texture noted in large fragment										
			- from 18 to 26.6 continued brecciation & quartz/calcite stockwork as described previously above, as before sulphide rare to non-existent some pyrite at contact 2-3% fine disseminated in last 30cm of this interval										

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THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

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DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft / ft / ft		PROPERTY NAME	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (M)	SAMPLE FOOTAGE TO	SAMPLE LENGTH (M)	ASSAYS ppm Cu	ASSAYS ppm Zn	ASSAYS ppm Co/Pt
			- lower contact 85° to core axis, poor contact	4	89	11326	26.6	27.0	0.40	120	950	
			difficult to judge exact angle	22	150	11327	27.0	27.55	0.55	190	1400	
26.6	50.05	GRAPHITE	- black hard graphite with nodules of pyrite & also clots									
			- first 15cm of this graphitic section contains	28	160	11328	29	30.0	1.0	360	3200	
			some brecciated chert with minor fine pyrite, a few minor 1cm. quartz veinlets noted as well, joints @ 65° to C.A									
			- from 32.4 substantial amounts of charty sediments & chert intercalated with	14	68	11329	32.0	33.0	1.00	100	370	
			hard graphitic bands, locally some fine	8	68	11330	33.0	34.0	1.00	120	340	
			sulphides 2-3% over 20-30cm intervals	10	77	11331	34.0	35.0	1.00	120	370	
			- banding @ 85° to core axis	9	71	11332	35.0	36.0	1.00	120	460	
			- high angle (65° to C.A.) joints noted beyond	8	88	11333	36.	36.85	0.85	140	780	
			32.4 metres as well; 30m lensed layer with quartz	7	42	11334	36.85	37.25	0.40	48	180	
			- from 44 to 50.05 intercalated sections of	5	63	11335	37.25	38.0	0.75	76	260	
			charty chyolite & hard graphite, core	5	71	11336	38.0	39.0	1.0	150	360	
			small sections on banding 1cm-2cm,	9	140	11337	39.0	40.0	1.0	360	3200	
			- very minor local pyrite, 1 per cent over	29	57	11338	40.0	41.0	1.0	110	600	
			20-30cm intervals	7	50	11339	41.0	42.0	1.0	85	340	
				6	46	11340	42	43.0	1.0	78	330	
50.05	57.3	Rhyodacite with charty sections	- fine grained to aphanitic light grey unit,	<5	52	11341	43	44.8	1.0	70	280	
			a few seams of graphitic material (4-5cm									
			intervals, minor local brecciation some	<5	46	11342	47.0	48.0	1.0	45	220	
			brecciation & minor fine pyrite close to lower	<5	44	11343	48.0	49.0	1.0	55	130	
			contact (last metre before contact)	20	82	11344	49.0	50.0	1.0	140	370	
			- graphitic bands in this unit 45° to core axis									
			- upper contact 50° to core axis, lower									
			contact 65° to core axis	9	54	11345	55.5	56.0	0.5	150	150	
			- joint sets in this unit 30° to C.A.	5	63	11346	56	56.5	0.50	160	140	
				5	54	11347	56.5	57.3	0.80	120	110	

Ontario

THE MINING ACT – MINISTRY OF NATURAL RESOURCES

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. KMP 92-5 | PAGE NO. 3

DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lot. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft / ft / ft		PROPERTY NAME	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PPB Au	PPM Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (M.)	SAMPLE FOOTAGE TO	SAMPLE LENGTH	ASSAYS PPM Cu	ASSAYS PPM Zn	PPM Co / Pt / Pd
57.3	64.25	DIABASE	- chill margins on upper & lower contacts fine grained, lower contact @ 40° to C.A.	8/10	60	11348	70.40	70.65	0.25	140	150	
			- unit medium grained black magnetic									
			- a number of small bands of epidote with some quartz on occassion, these bands are up to 4-5 cm wide, on occassion there is a pinkish mineral associated with wall rock adjacent epidote bands K-feldspar?	<5	60	11349	71.5	72.5	1.0	130	92	
			- some are cuts of pyrite noted	5	59	11350	77.4	77.7	0.3	110	98	
			- joints & epidote bands all 50° to core axis									
				5	74	11157	77.7	78.7	1.0	85	140	
64.25	101.5	BLEACHED MAFIC VOLCANIC	- this package of rock is sandwiched between two large diabase dykes, initial examination of this unit may suggest it would be dacite, but what appear to be pillow selvages down the hole suggests it is an altered mafic	8	77	11158	78.7	79.2	0.5	140	160	
				<5	63	11159	83	83.95	0.95	130	100	
				12	64	11160	83.95	84.25	0.30	94	150	
			- first metre or two of this unit has a greenish tinge, this gradually becomes a bleached grey colour	35	56	11161	84.25	84.95	0.50	140	120	
			- the unit is aphanitic, some local brecciation is apparent near diabase contact (upper contact of this unit	31	63	11162	85.45	86.00	0.55	110	140	
			- from 71m to about 83.0 there are sub angular fragments which are ghost-like and also round shapes which are faint, possible varioles? noted	5	73	11163	88.00	89.00	1.00	150	130	
			- very fine pyrite usually less than 1% noted on rare occassions & also a rare quartz stringer or two	88	71	11164	90.9	91.3	0.4	180	130	
			- in the most part, joints in this this section 50° to C.A in general									
				5	81	11165						

THE MINING ACT – MINISTRY OF NATURAL RESOURCES

Ontario

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE ▶ HOLE NO. KNA-92-5 | PAGE NO. 4

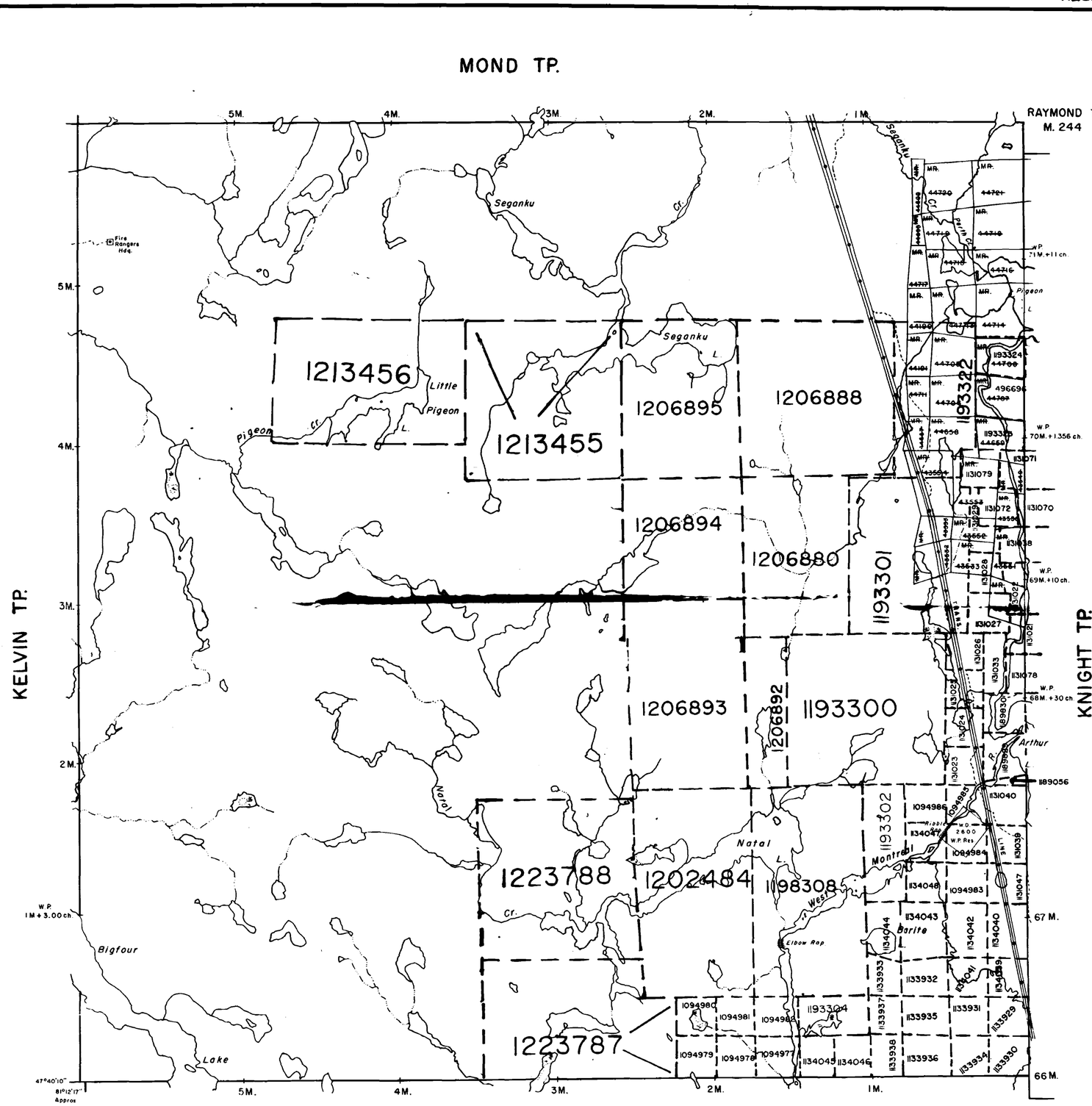
DRILLING COMPANY	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE AT	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO.	CLAIM NO.
				collar			
DATE HOLE STARTED / DATE COMPLETED	DATE LOGGED	LOGGED BY		ft		LOCATION (Tp., Lot, Con. OR Lot. and Long.)	
EXPLORATION CO., OWNER OR OPTIONEE	DATE SUBMITTED	SUBMITTED BY (Signature)		ft / ft / ft		PROPERTY NAME	

FOOTAGE FROM	FOOTAGE TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	ppb Au	ppm Ni	YOUR SAMPLE NUMBER	SAMPLE FOOTAGE FROM (m)	SAMPLE FOOTAGE TO	SAMPLE LENGTH m.	ASSAYS ppm Cu	ASSAYS ppm Zn
			- beyond 83m to 101.5m. localized ghost like brecciation but still very bleached	75	72	11166	93.45	93.9	0.45	140	110
			- at 84.2 slip plane with small 5cm wavelet @ 50° to core axis	77	74	11167	96.2	96.6	0.40	150	120
			- at 84.5 distinct start of what appears to be pillow salvages right to 101.5; there is some brecciation, sub-angular to sub-rounded associated with these	11	140	11168	99.4	99.95	0.55	230	190
			- some very minor local pyrite associated with salvage rims	6	93	11169	99.95	101.00	1.05	120	130
			- in general this section is very competent rock, joints that are present are at about 60° to C.A., lower contact sharp	8	91	11170	101.00	101.50	0.50	140	140
				10	90	11171	101.50	101.95	0.45	130	130
				10	130	11172	101.95	103.00	1.05	230	220
				8	81	11173	103	104.00	1.00	120	120
				15	79	11174	104	105.00	1.00	100	120
				19	88	11175	105	105.90	0.90	110	130
101.5	106.6	FLOW BRECCIA (MAFIC)	- dark black/grey gabbroitic matrix and black angular fragments,	322	140	11176	105.90	106.70	0.80	83	98
				1304	160	11177	106.70	107.60	0.90	65	66
			- joints generally 60° to C.A but a few @ 20° to C.A.	141	93	11178	107.60	108.50	0.90	120	44
				394	64	11179	108.50	109.00	0.50	160	59
			- very calc quartz stringers and some fine pyrite, also pretty rare	253	70	11180	109.00	110	1.00	84	39
			- a small feldspar (white) porphyritic dyke exists from 105.9 to 106.1 and from 106.2 to 106.6, these dykes are basically mafic								
106.6	112.35	BLEACHED MAFIC VOLCANIC	- as described previously from 69.25-101.5 except more brecciation near flow breccia without (tectonic)	23	70	11181	112.5	113.0	0.50	280	110
			- evidence of remanent pillow salvages also present here with minor pyrite								
				23	68	11182	116	117	1.0	180	120
				7	91	11183	117	117.5	0.5	100	130

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

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.



LEGEND

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

DISPOSITION OF CROWN LANDS

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

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 (1 KM) 2000 (2 KM)

DATE OF ISSUE
MAY 19 1998
PROVINCIAL RECORDING OFFICE - SUDBURY

TOWNSHIP
NATAL

M.N.R. ADMINISTRATIVE DISTRICT
TIMMINS

MINING DIVISION
LARDER LAKE

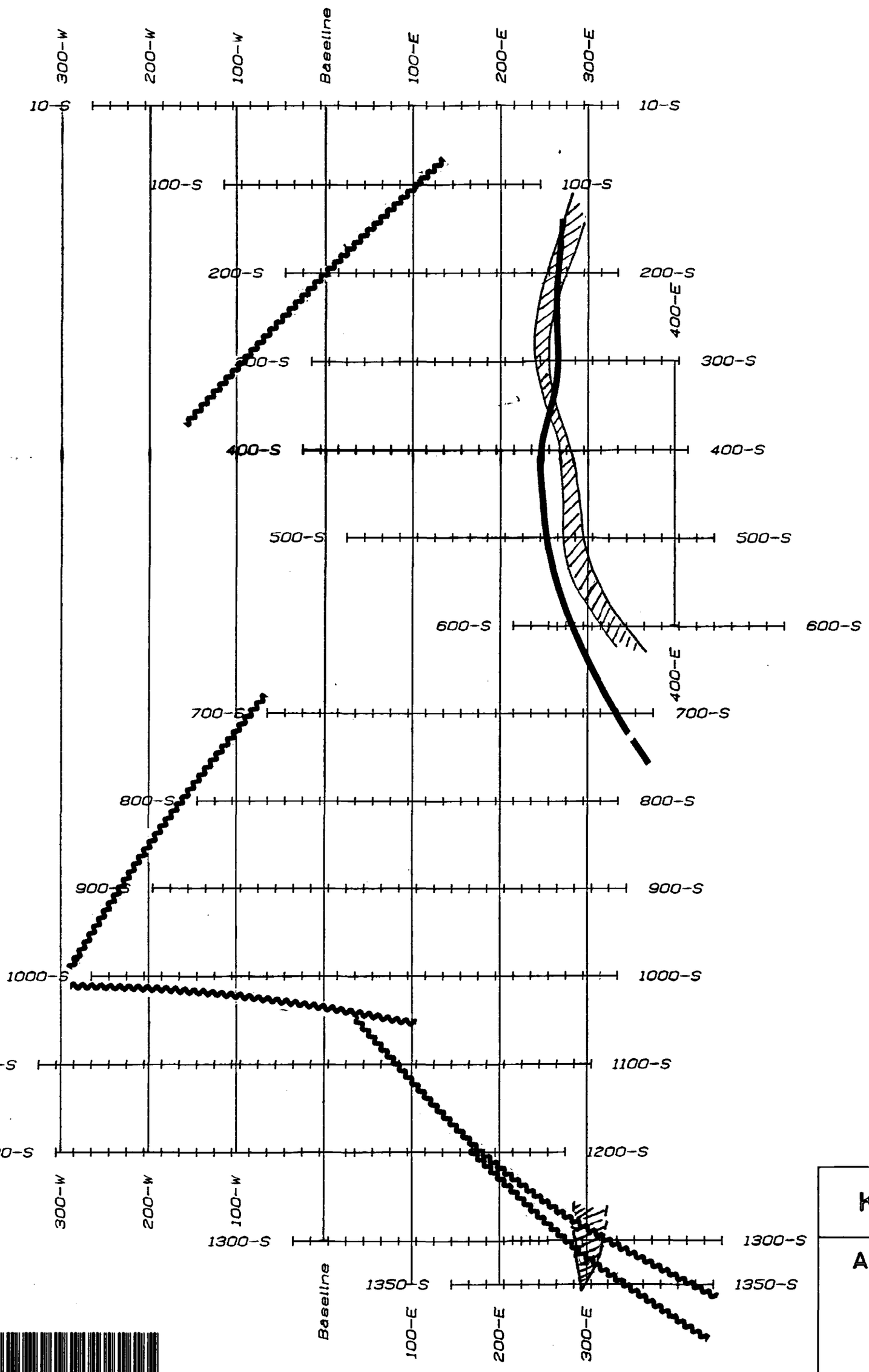
LAND TITLES / REGISTRY DIVISION
SUDBURY

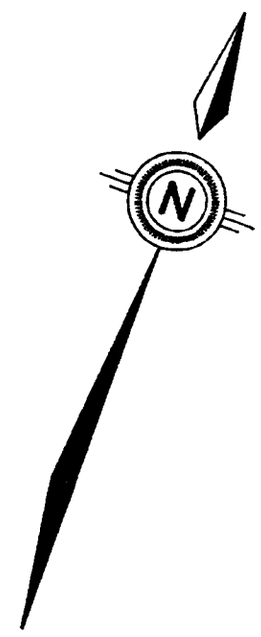
Ontario
Ministry of Natural Resources
Ministry of Northern Development and Mines

Date SEPT. 1973
Number G-998

CIRCULATED SEPTEMBER 1, 1994

ARCHIVED SEPT 19, 1996





LEGEND

- HLEM CONDUCTOR
- VLF-EM CONDUCTOR
- VLF-EM FAULT/CONTACT

KRL RESOURCES CORP.

ARTHUR LAKE SOUTH AREA

GEOPHYSICAL INTEPRETATIONS

Knight and Natal Townships, Ontario

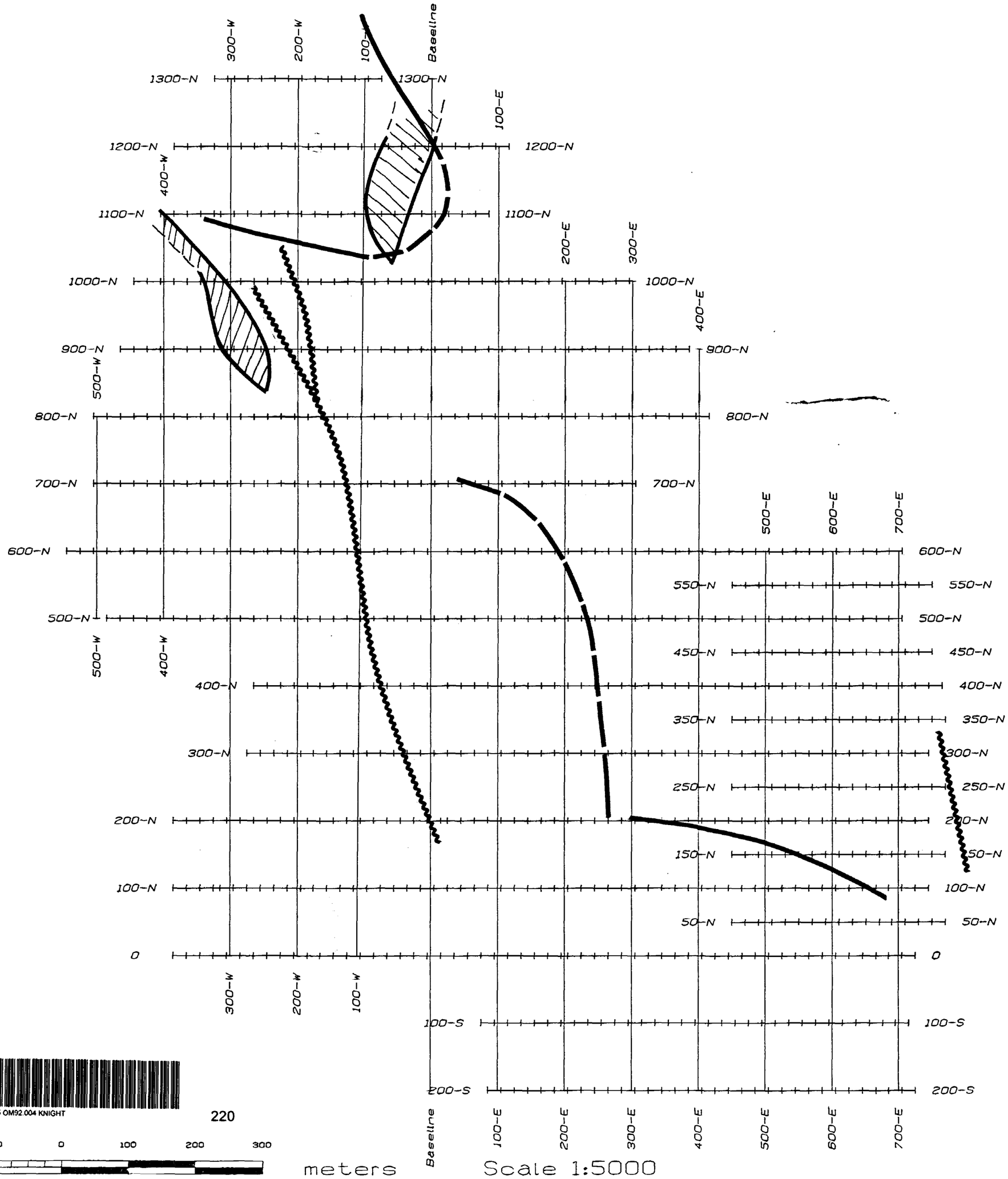
Utility Graphics Co.

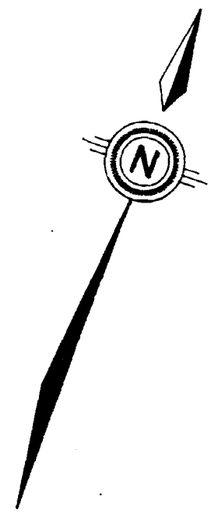
COMPILED	N.T.S.	DATE	FIG. NO.
F. Syberg	41P/11	JANUARY, 1992	1

100 0 100 200 300

meters

Scale 1:5000





LEGEND

- HLEM CONDUCTOR
- VLF-EM CONDUCTOR
- VLF-EM FAULT/CONTACT

41P11NE0075 OM92.004 KNIGHT

220

100 0 100 200 300

meters

Scale 1:5000

KRL RESOURCES CORP.

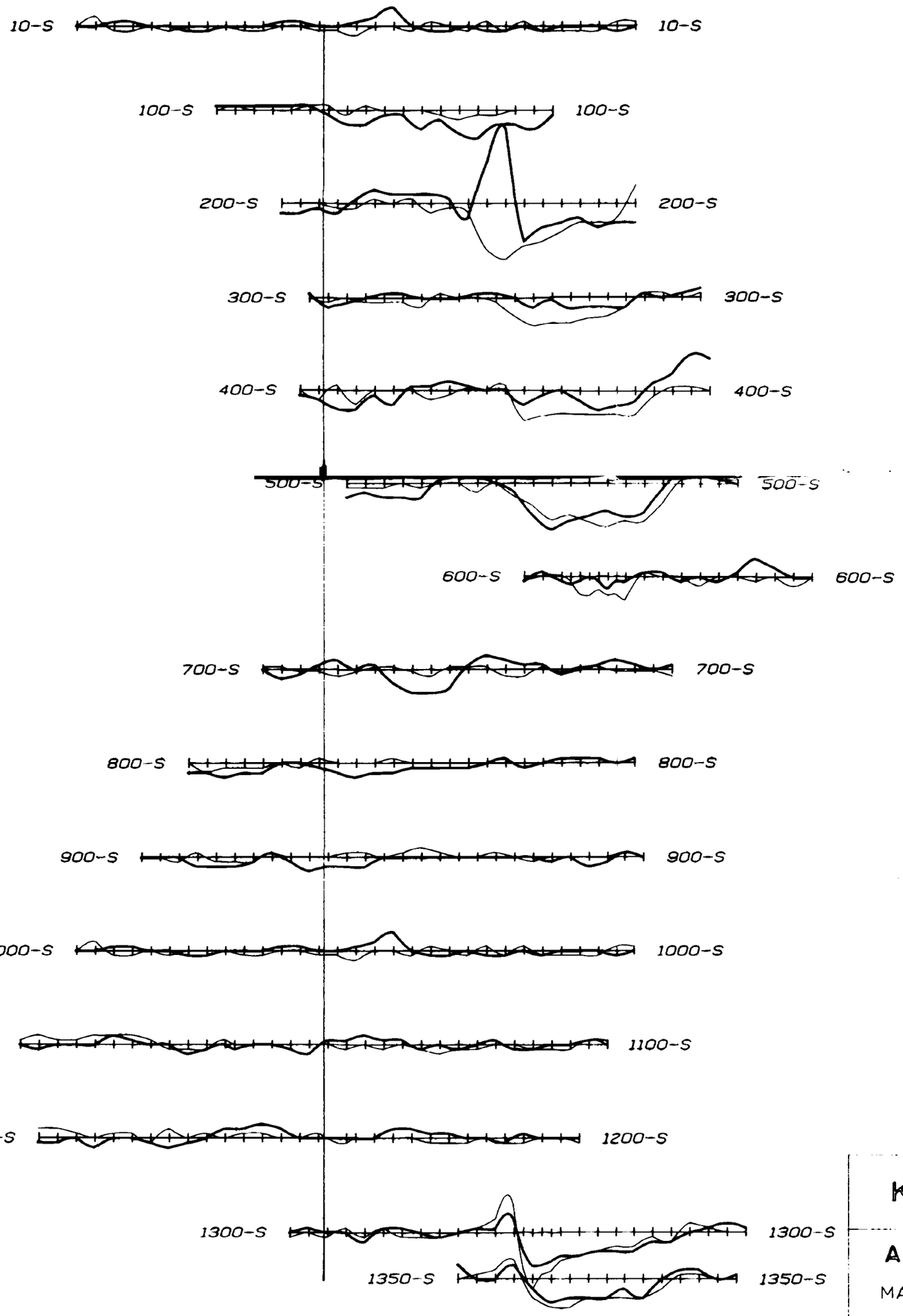
ARTHUR LAKE CENTER AREA

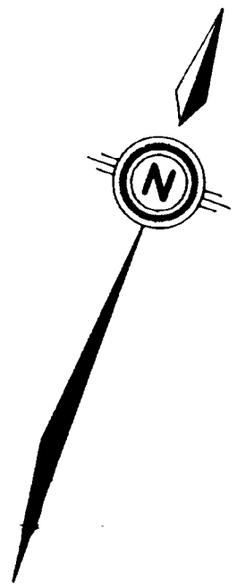
GEOPHYSICAL INTERPRETATIONS

Knight and Natal Townships, Ontario

Utility Graphics Co.

COMPILED	N.T.S.	DATE	FIG. NO.
F. Syberg	41P/11	JANUARY, 1982	2





IN-PHASE

OUT-PHASE

230

100 0 100 200 300

meters

Scale 1:5000

KRL RESOURCES CORP.

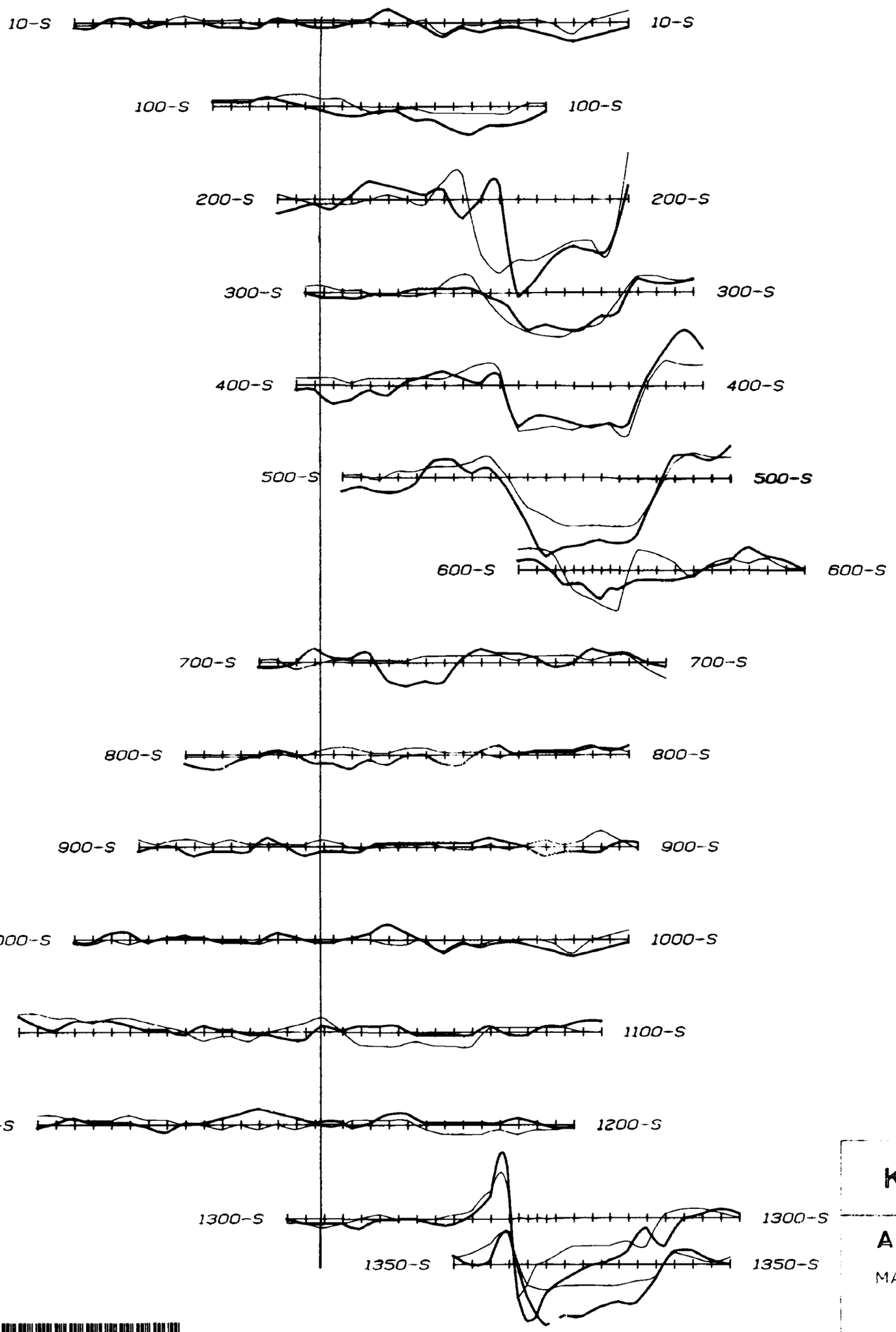
ARTHUR LAKE SOUTH AREA

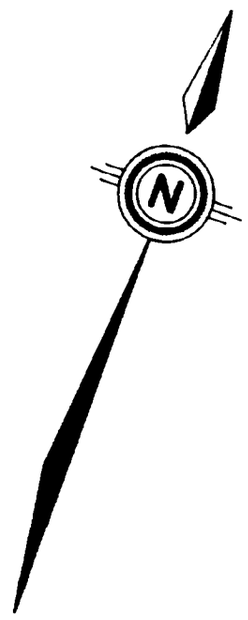
MAXMIN HORIZONTAL LOOP - 444 Hz
150 meter cable
Scale: 10 % per cm.

Knight and Natal Townships, Ontario

Utility Graphics Co.

COMPILED	N.T.S.	DATE	FIG. NO.
F. Syberg	41P/11	JANUARY, 1982	3





IN-PHASE

OUT-PHASE

41P11NE0075 OM92.004 KNIGHT

240

100 0 100 200 300

meters

Scale 1:5000

KRL RESOURCES CORP.

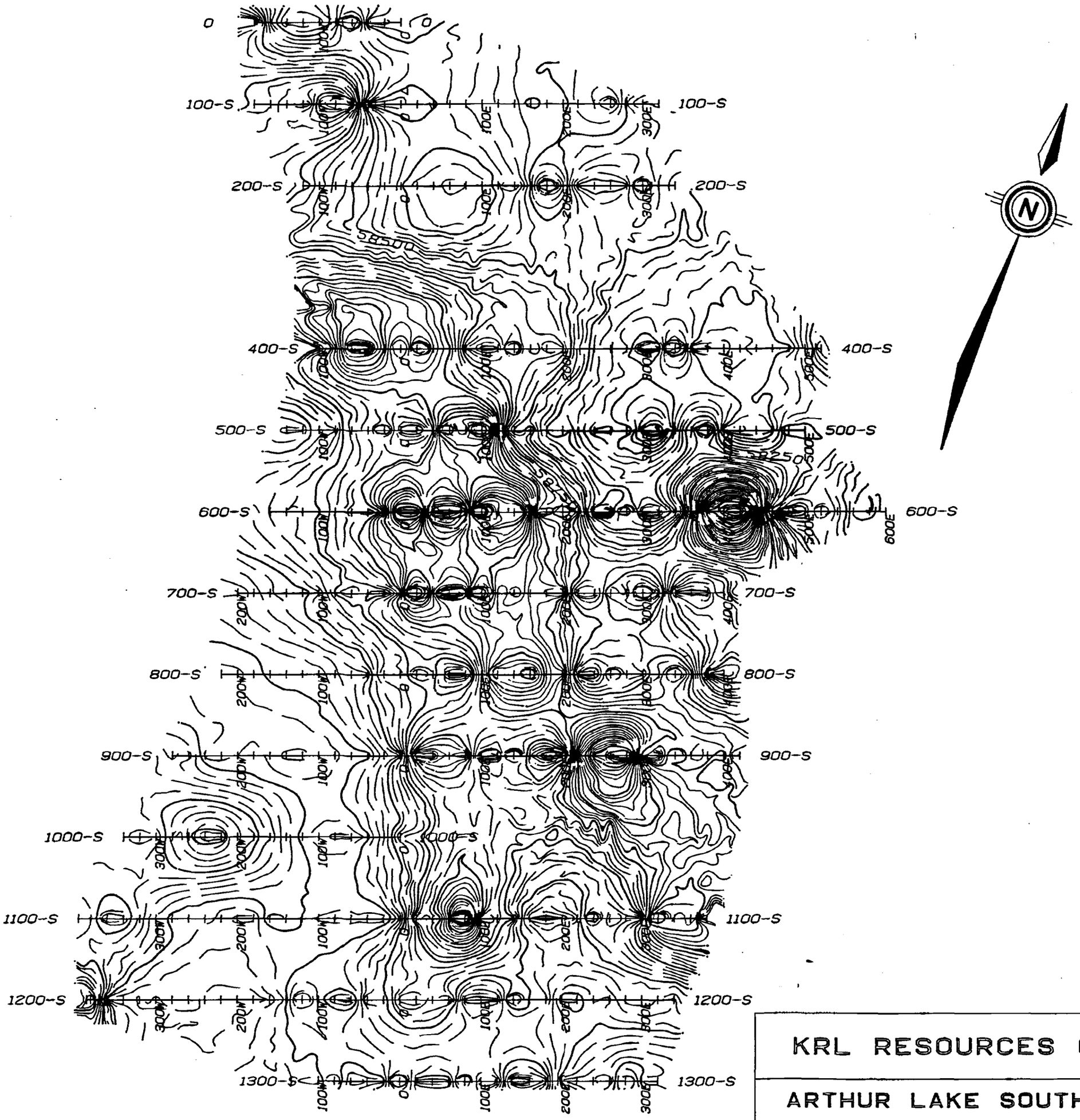
ARTHUR LAKE SOUTH AREA

MAXMIN HORIZONTAL LOOP - 1777 Hz
150 meter cable
Scale: 10 % per cm.

Knight and Natal Townships, Ontario

Utility Graphics Co.

COMPILED	N.T.S.	DATE	FIG. NO.
F. Syberg	41P/11	JANUARY, 1992	4



41P11NE0075 OM92.004 KNIGHT

250

100 0 100 200 300

meters

Scale 1:5000

KRL RESOURCES CORP.

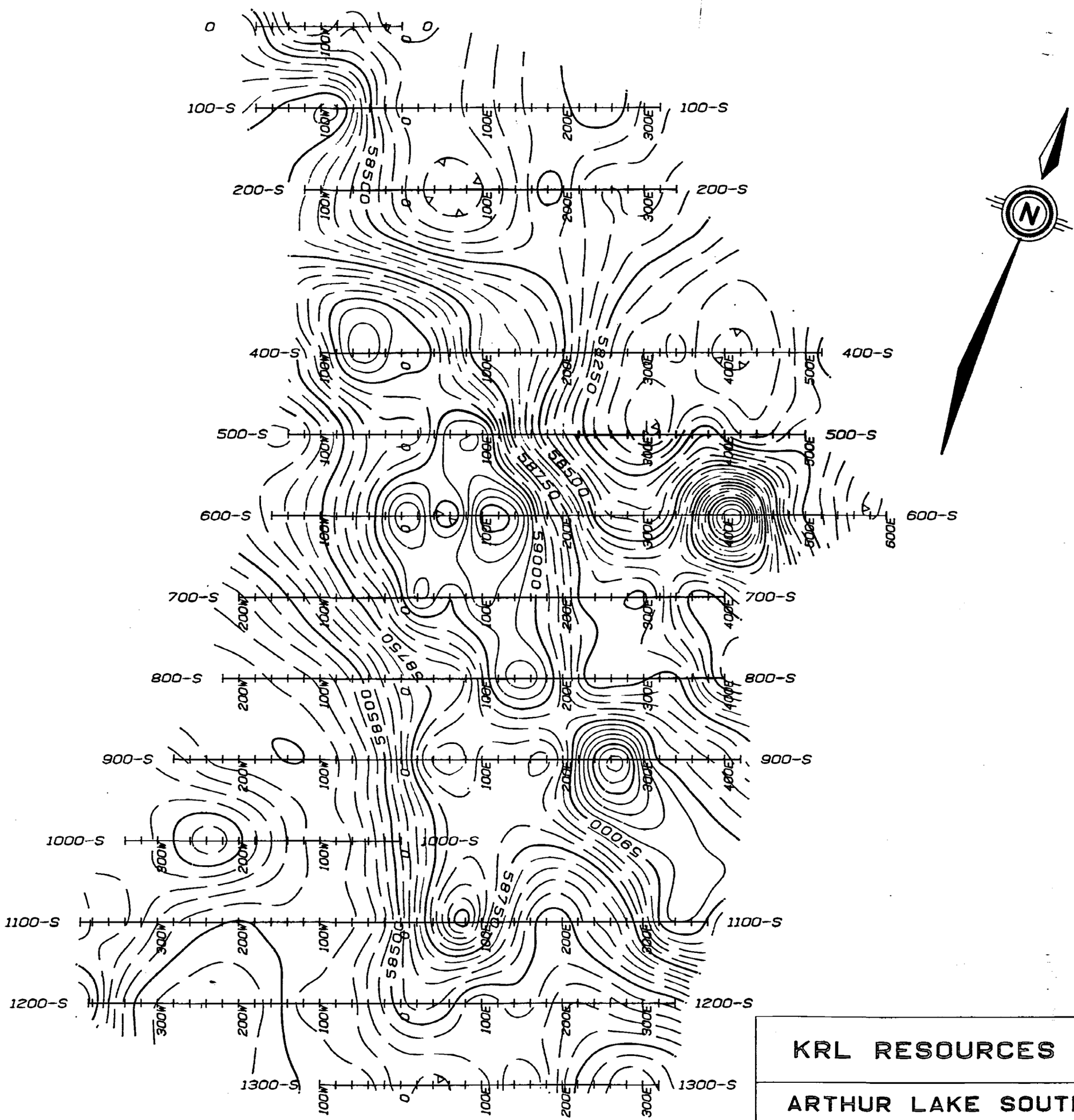
ARTHUR LAKE SOUTH AREA

TOTAL MAGNETIC FIELD
Contour Interval 50 nT

Knight and Natal Townships, Ontario

Utility Graphics Co.

COMPILED	N.T.S.	DATE	FIG. NO.
F. Syberg	41P/11	JANUARY, 1992	5



41P11NE0075 QM92.004 KNIGHT

260

100 0 100 200 300

meters

Scale 1:5000

KRL RESOURCES CORP.

ARTHUR LAKE SOUTH AREA

TOTAL MAGNETIC FIELD
Contour Interval 50 nT
Upward Continued 20 meters

Knight and Natal Townships, Ontario

Utility Graphics Co.

COMPILED	N.T.S.	DATE	FIG. NO.
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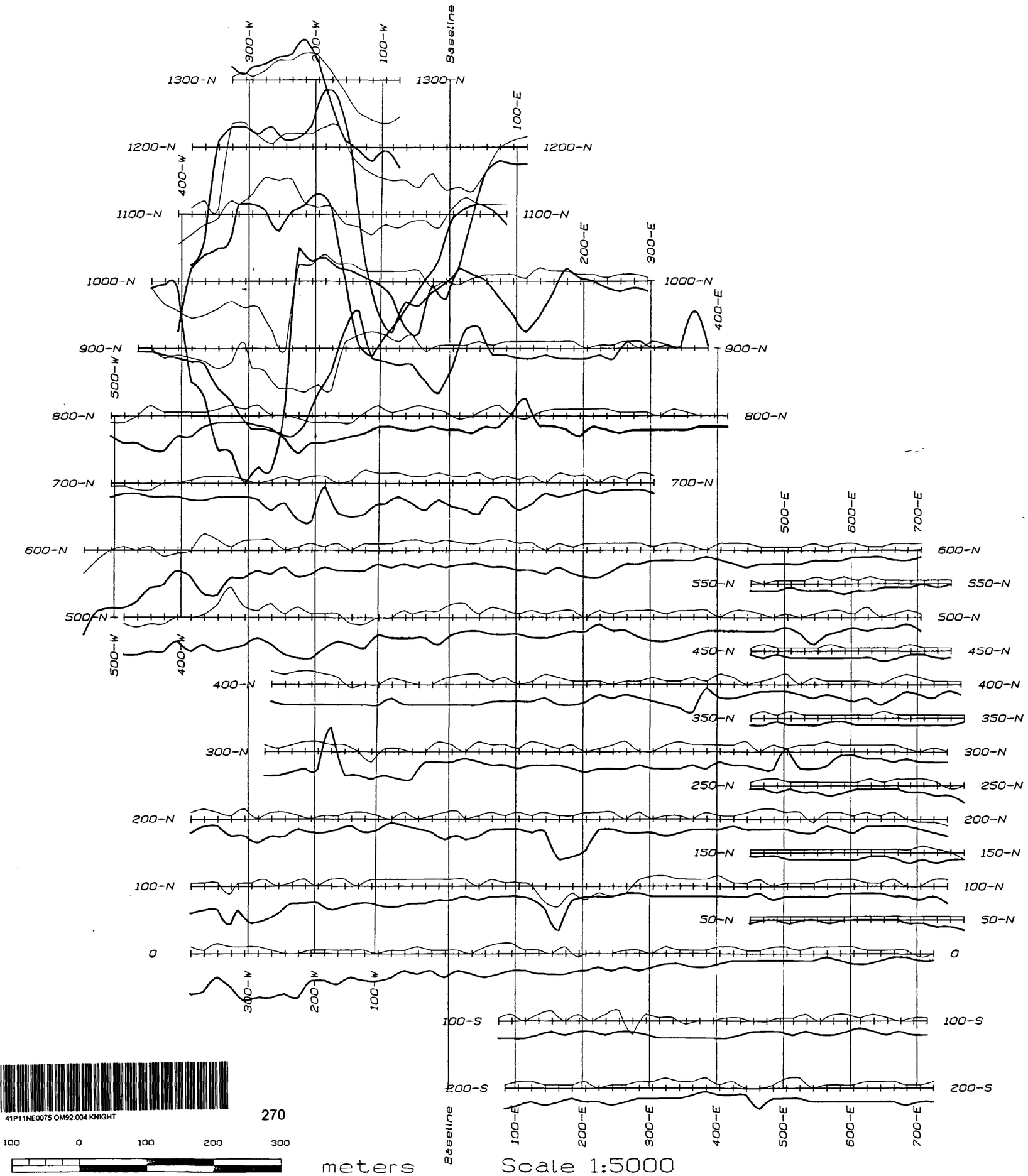
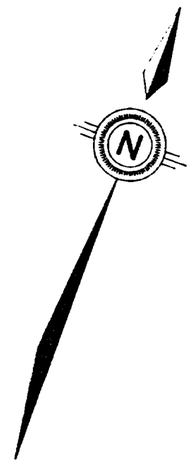




IN-PHASE OUT-PHASE

41P11NE0075 OM92.004 KNIGHT

100 0 100 200 300

meters

Scale 1:5000

KRL RESOURCES CORP.

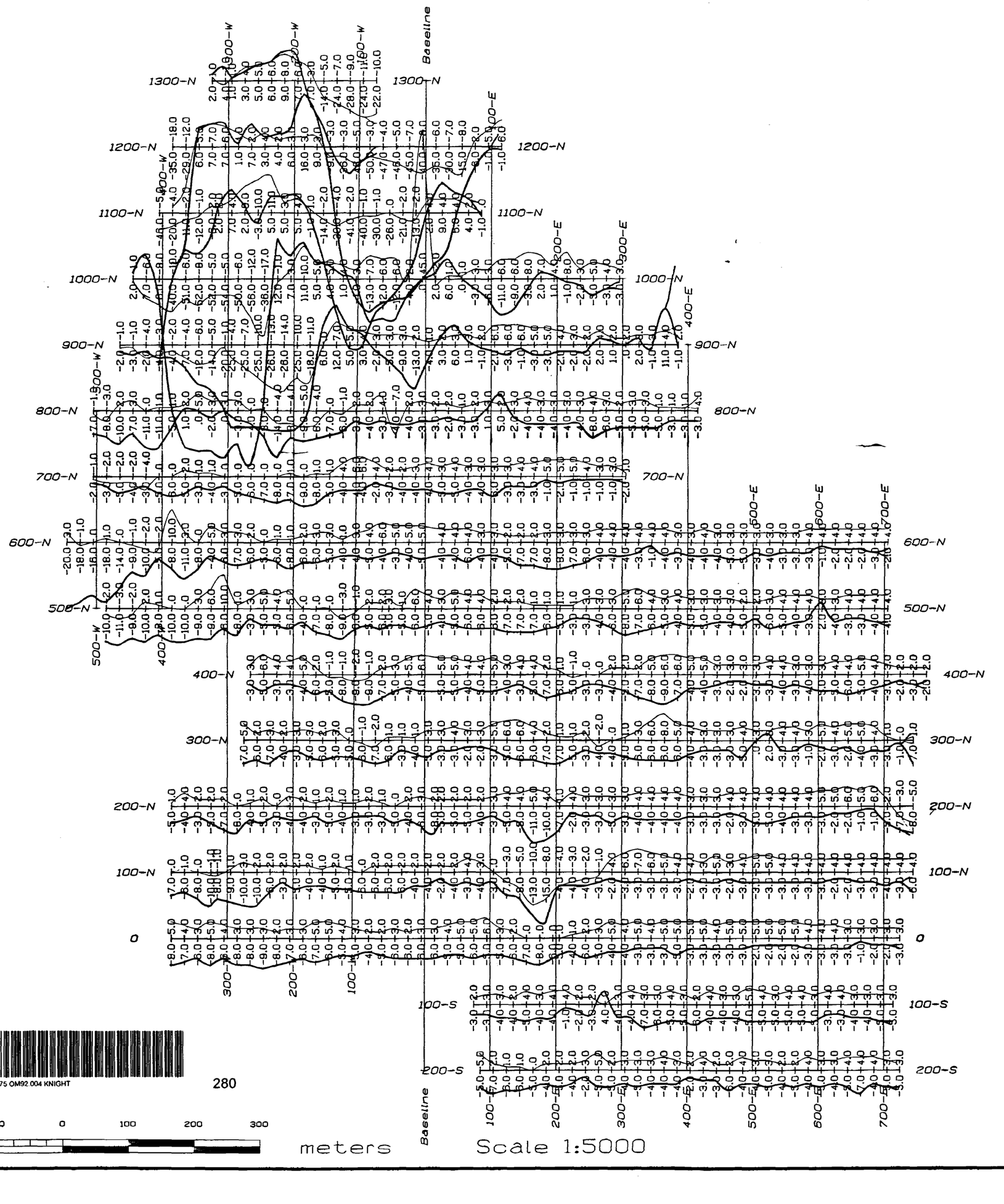
ARTHUR LAKE CENTER AREA

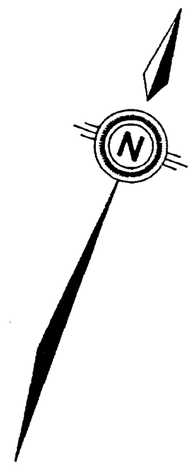
MAXMIN HORIZONTAL LOOP - 444 Hz
150 meter cable
Scale: 10 % per cm.

Knight and Natal Townships, Ontario

Utility Graphics Co.

COMPILED	N.T.S.	DATE	FIG. NO.
F. Syberg	41P/11	JANUARY. 1992	7





IN-PHASE OUT-PHASE

41P11NE0075 OM92.004 KNIGHT

280

KRL RESOURCES CORP.

ARTHUR LAKE CENTER AREA

MAXMIN HORIZONTAL LOOP - 1777 Hz
150 meter Cable Length
Scale: 10% per cm.

Knight and Natal Townships, Ontario

Utility Graphics Co.

COMPILED	N.T.S.	DATE	FIG. NO.
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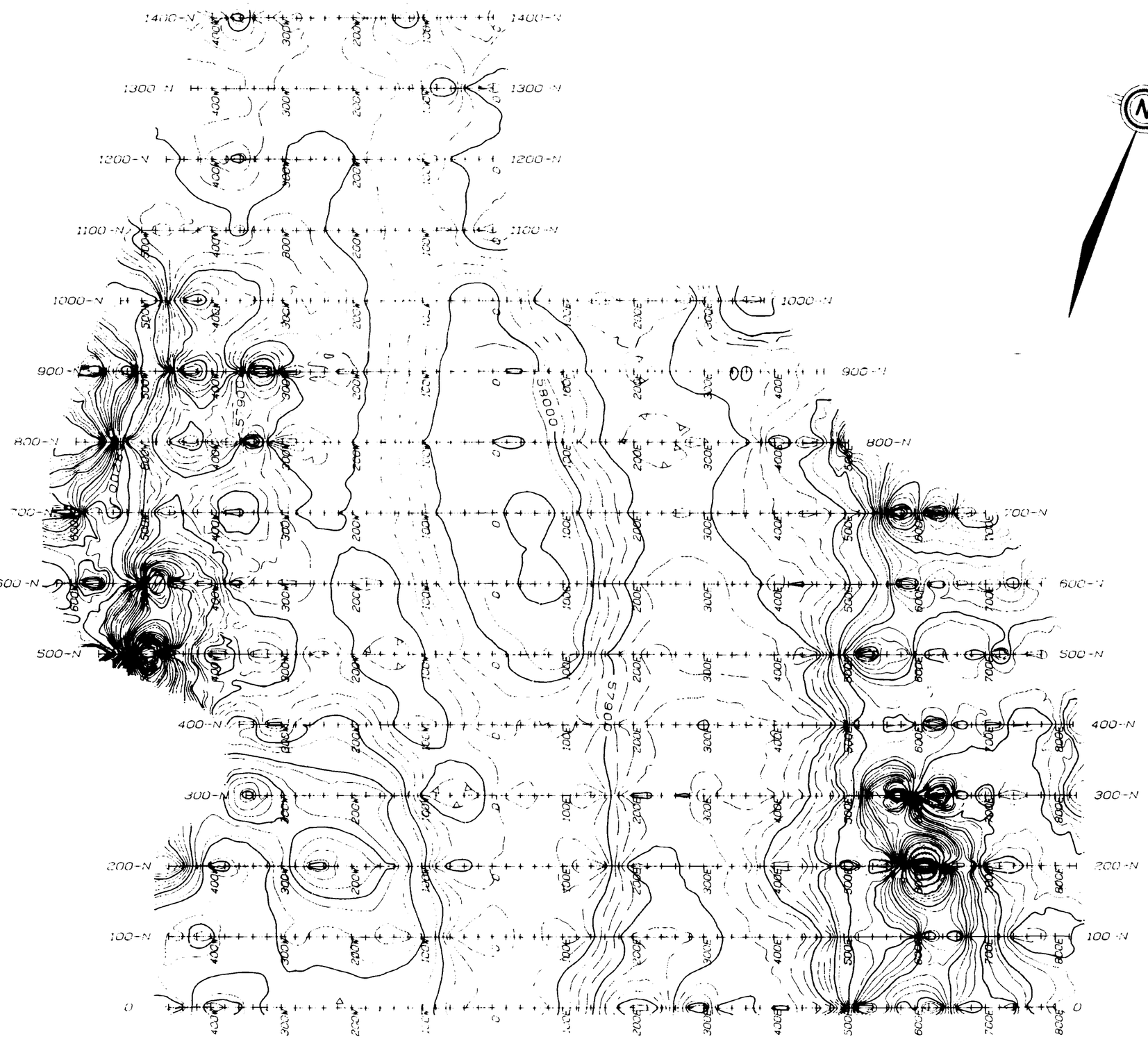


290

100 0 100 200 300

meters Scale 1:5000

KRL RESOURCES CORP.

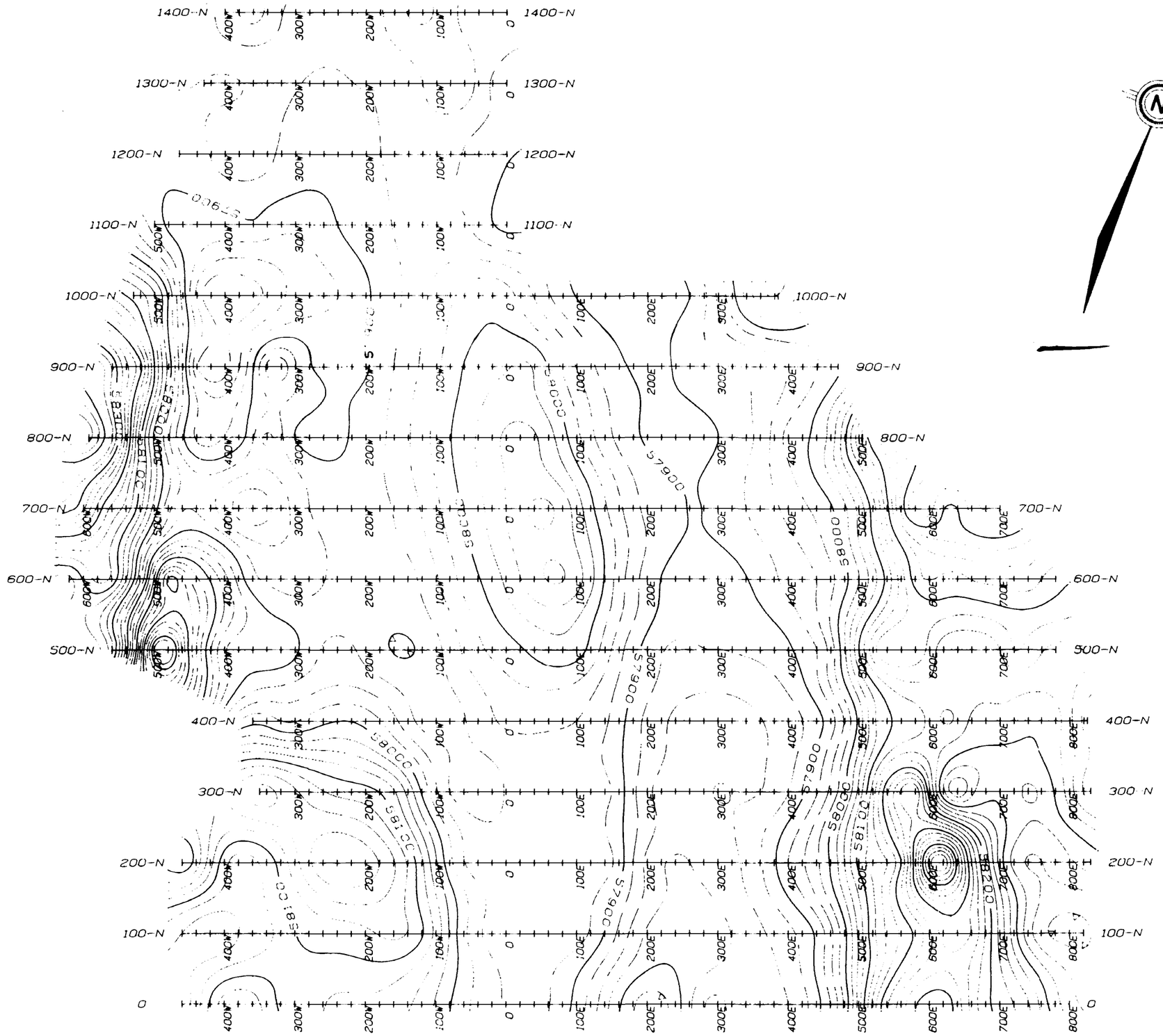
ARTHUR LAKE CENTER AREA

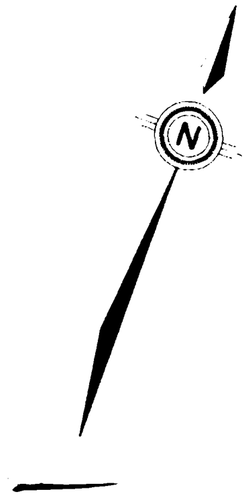
TOTAL MAGNETIC FIELD
Contour Interval 25 nT

Knight and Natal Townships, Ontario

Utility Graphics Co.

COMPILED	N.T.S.	DATE	FIG. NO.
F. Syberg	41P/11	JANUARY, 1982	9





KRL RESEARCH CORP.

ARTHUR LAKE CENTER AREA

TOTAL MAGNETIC FIELD
Upward Continued 20 meters
Contour Interval 25 nT

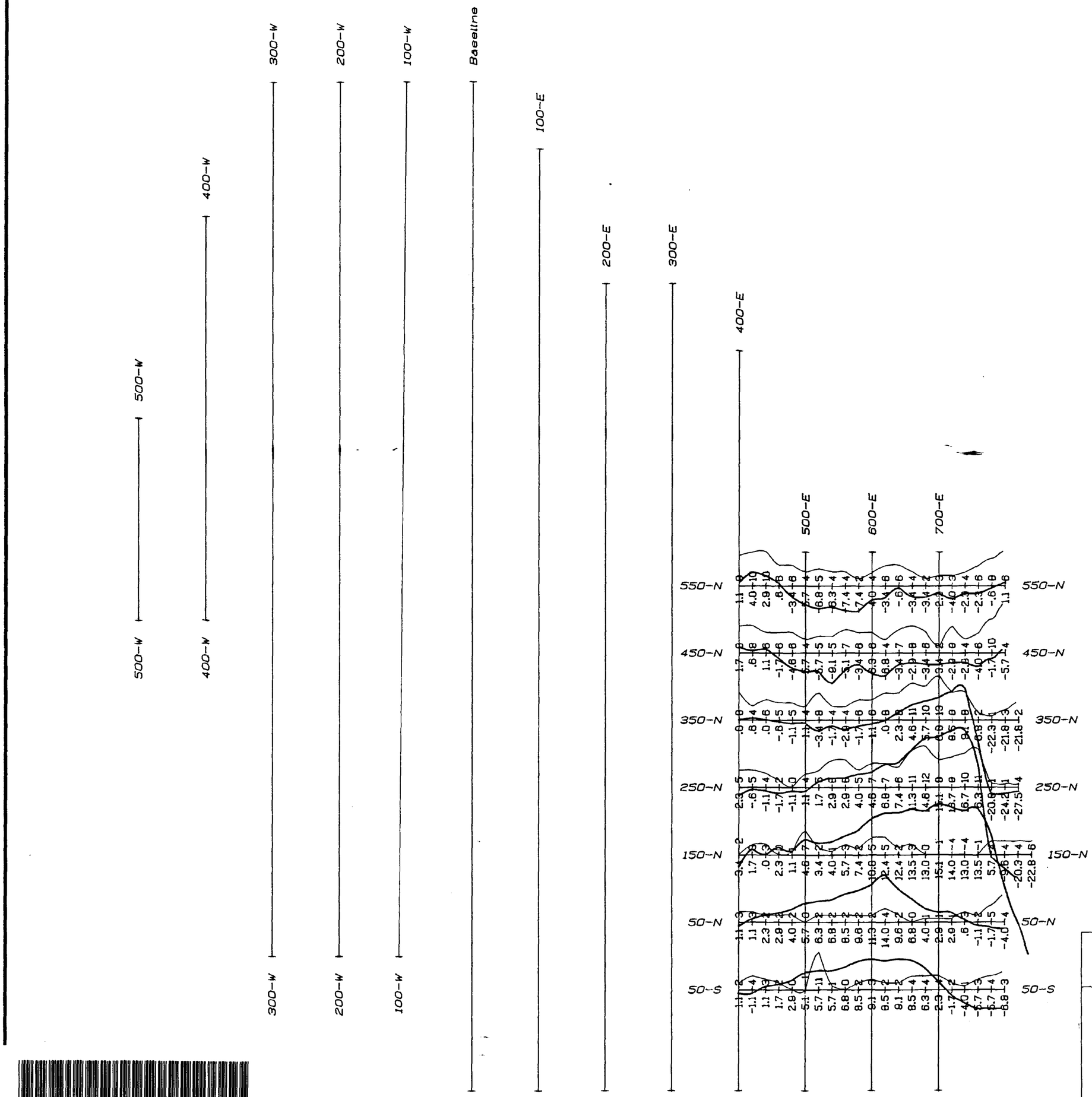
Knight and Natal Townships, Ontario

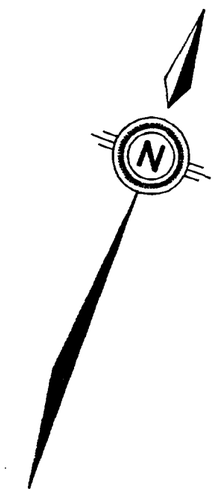
Utility Graphics Co.

COMPILED	N.T.S.	DATE	FIG. NO.
F. Syberg	41P/11	JANUARY, 1982	10

100 0 100 200 300
meters Scale 1:5000

41P11NE0075 OM82-004 KNIGHT





41P11NE0075 OM92.004 KNIGHT

310

100 0 100 200 300

meters

Scale 1:5000

KRL RESOURCES CORP.

ARTHUR LAKE CENTER AREA

VLF-EM ANNAPOLIS - 21.4 Hz
Scale: 10° & 10% per cm.

Knight and Natal Townships, Ontario

Utility Graphics Co.

COMPILED	N.T.S.	DATE	FIG. NO.
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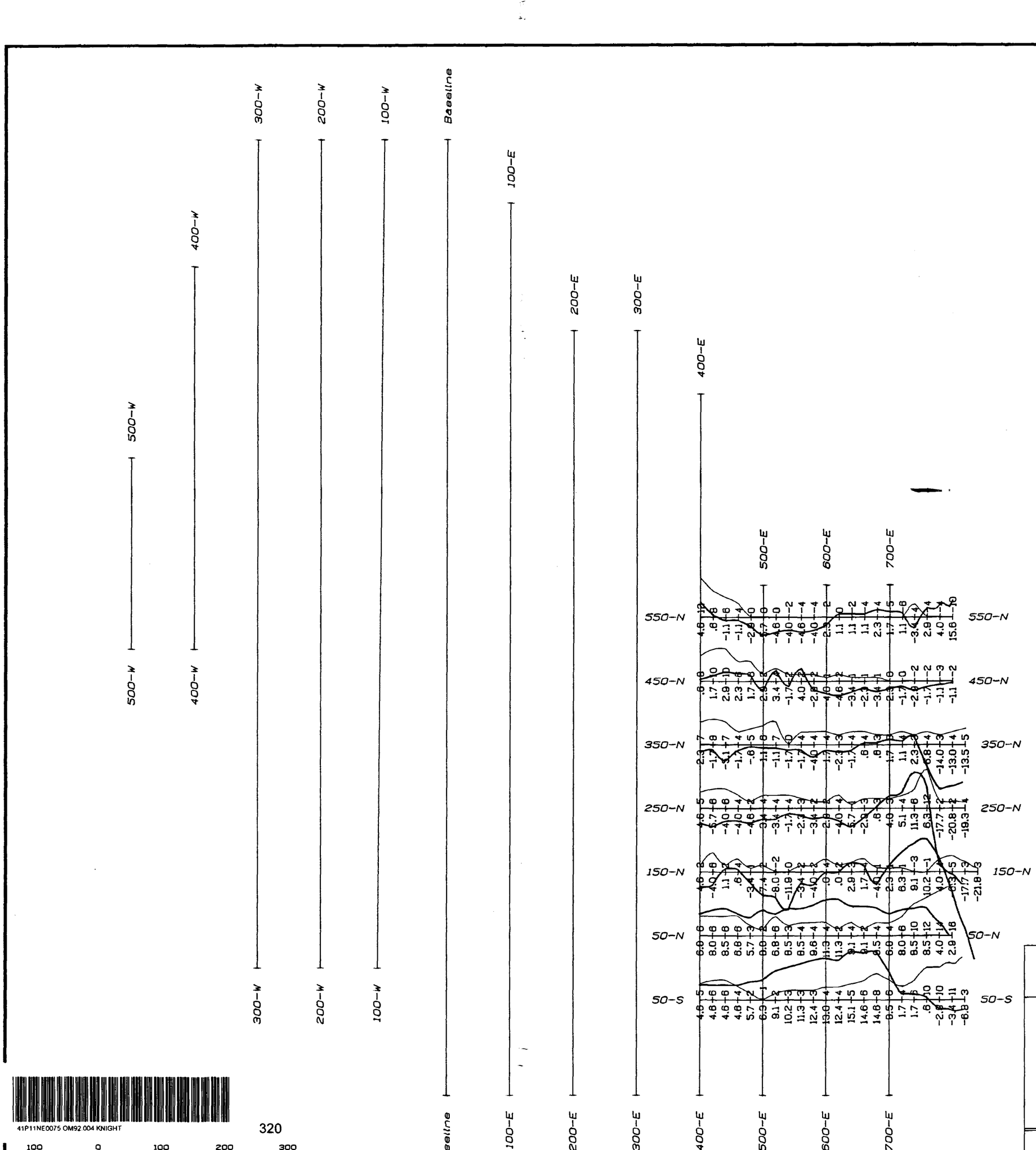

41P11NE0075 OM92.004 KNIGHT

KRL RESOURCES CORP.

ARTHUR LAKE CENTER AREA

VLF-EM CUTLER - 24 Hz
Scale: 10° & 10% per cm.

Knight and Natal Townships, Ontario

Utility Graphics Co.

COMPILED	N.T.S.	DATE	FIG. NO.
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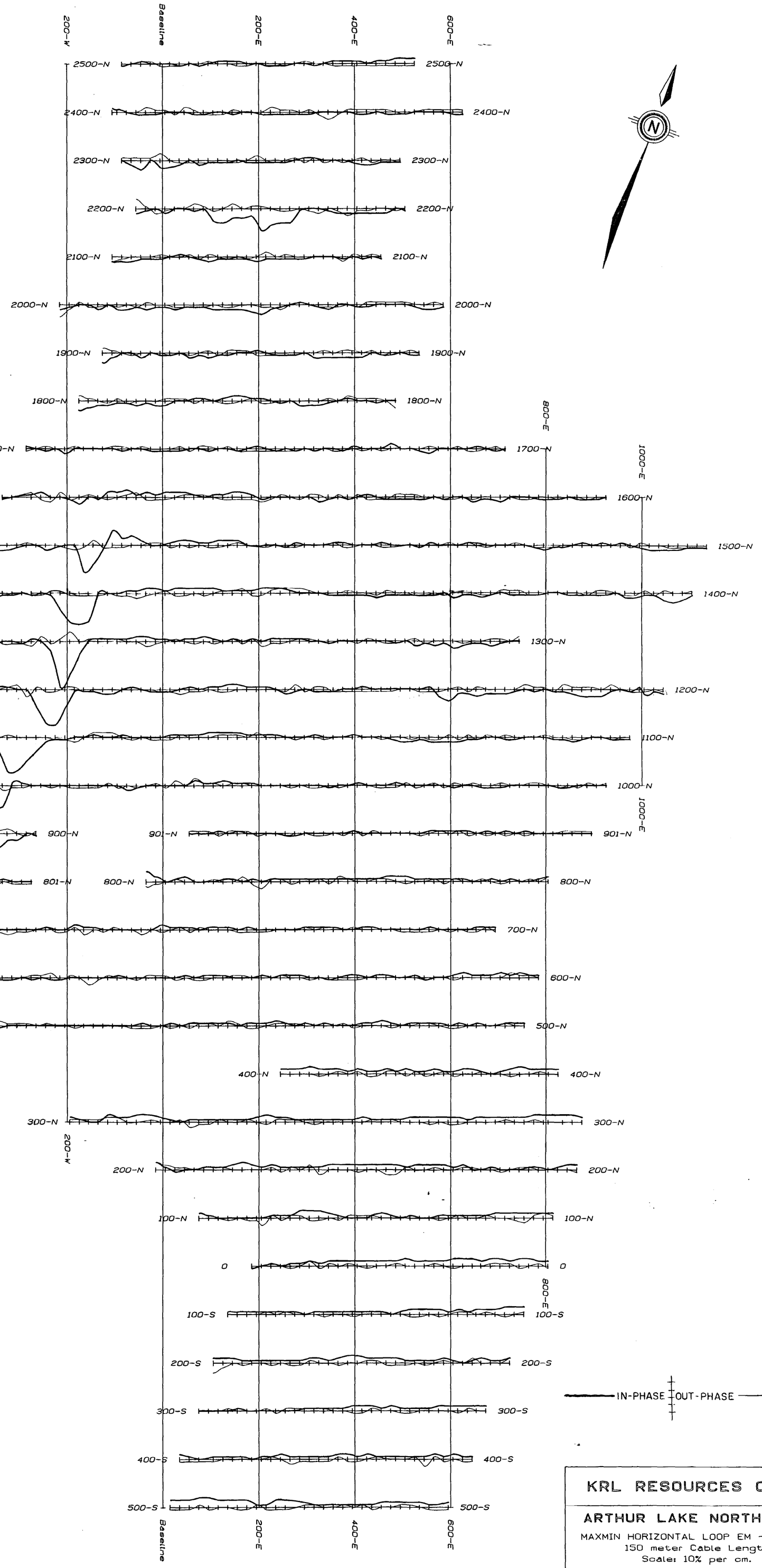


IN-PHASE OUT-PHASE

41P11NE0075 OM92 004 KNIGHT

330

100 0 100 200 300

meters

Scale 1:5000

KRL RESOURCES CORP.

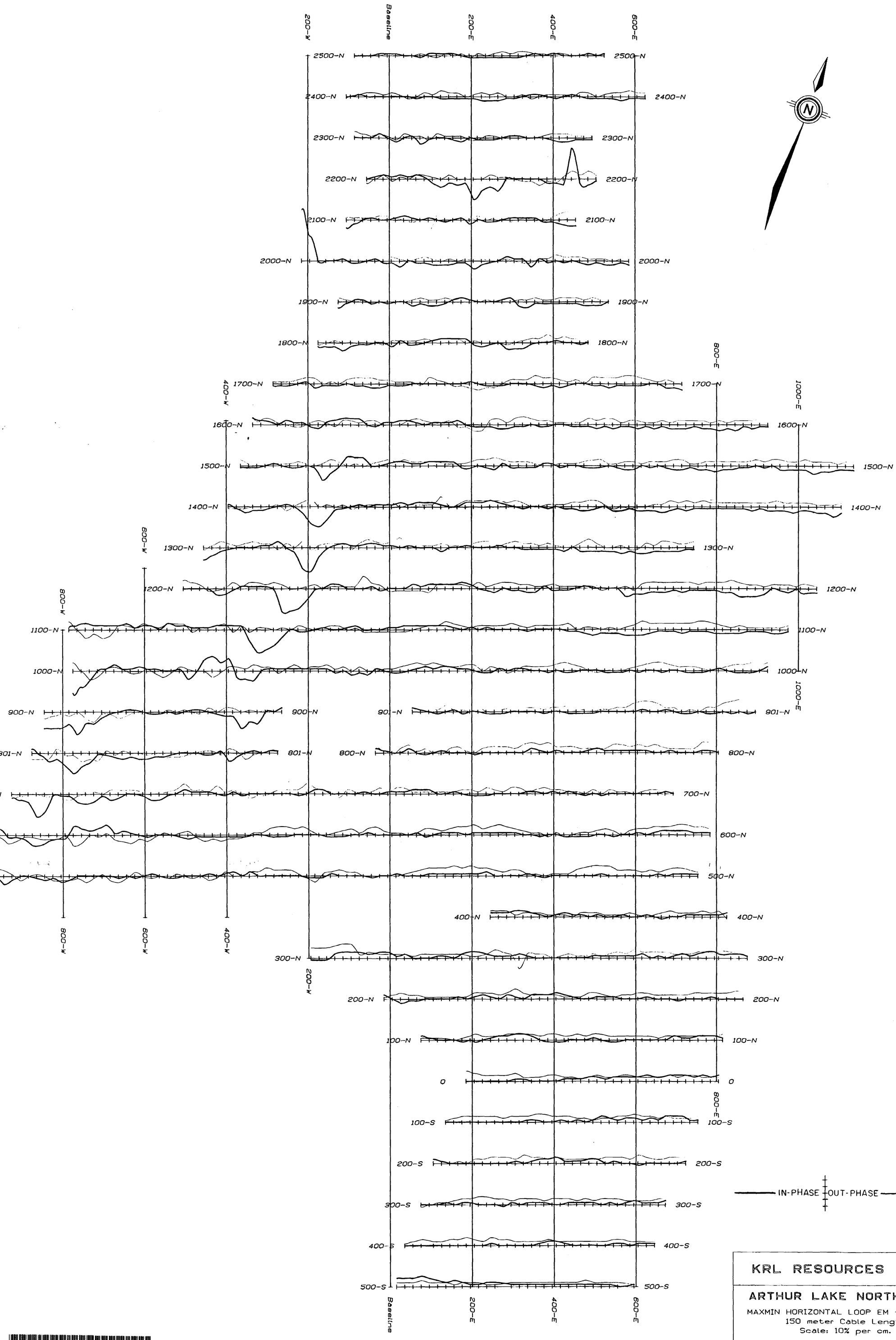
ARTHUR LAKE NORTH AREA

MAXMIN HORIZONTAL LOOP EM - 444 Hz
150 meter Cable Length
Scale: 10% per cm.

Knight and Natal Townships, Ontario

Utility Graphics Co.

COMPILED	N.T.S.	DATE	FIG. NO.
F. Syberg	41P/11	FEBUARY, 1992	13



41P11NE0075 OM92.004 KNIGHT

340

100 0 100 200 300

meters

Scale 1:5000

KRL RESOURCES CORP.

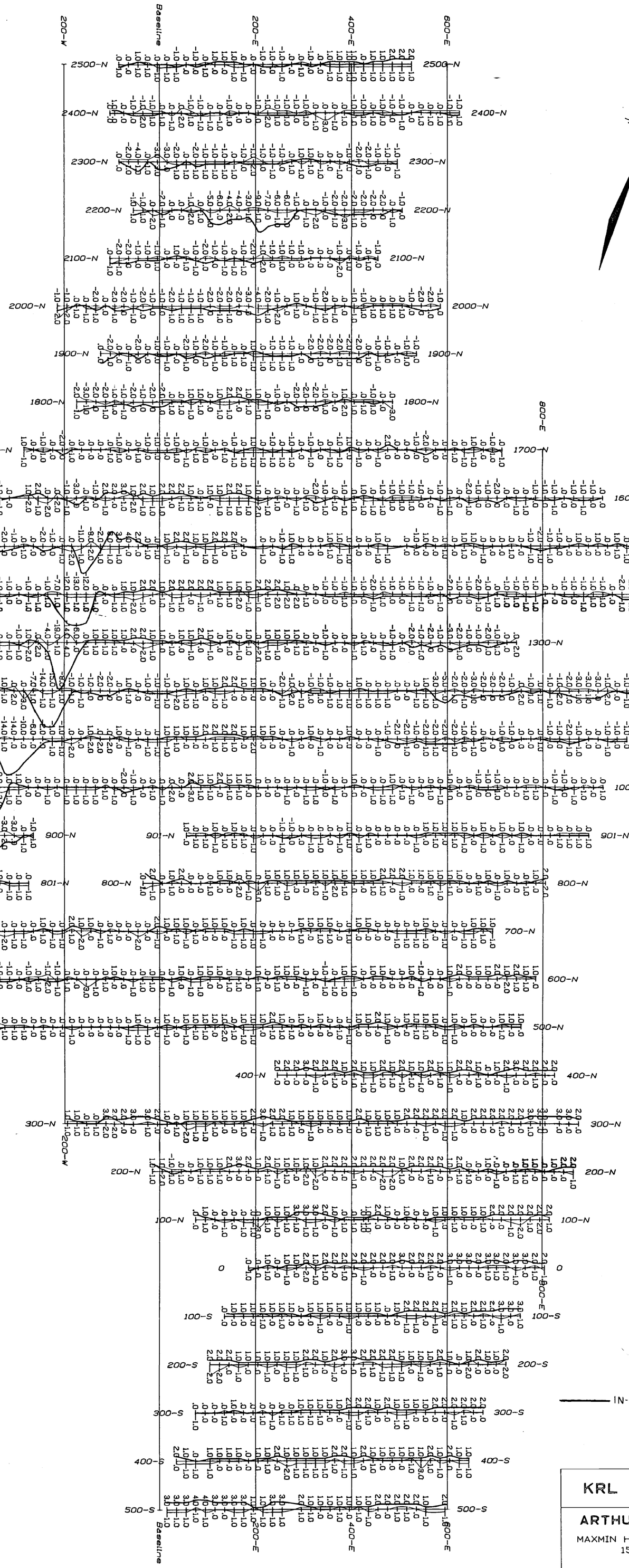
ARTHUR LAKE NORTH AREA

MAXMIN HORIZONTAL LOOP EM - 1777 Hz
150 meter Cable Length
Scale: 10% per cm.

Knight and Natal Townships, Ontario

Utility Graphics Co.

COMPILED	N.T.S.	DATE	FIG. NO.
F. Syberg	41P/11	FEBUARY, 1992	14



41P11NE0075 OM92 004 KNIGHT

100 0 100 200 300

meters

Scale 1:5000

350

KRL RESOURCES CORP.

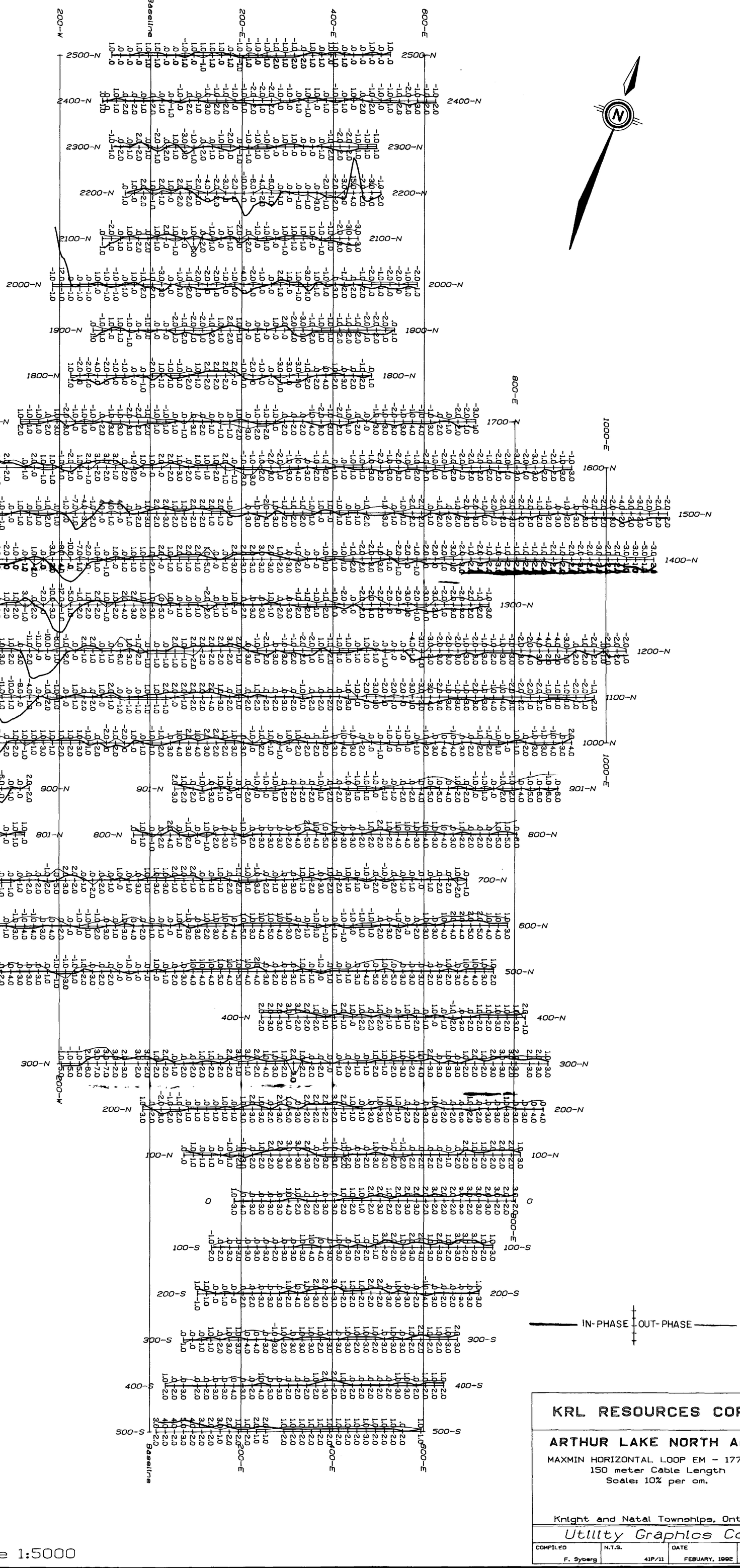
ARTHUR LAKE NORTH AREA

MAXMIN HORIZONTAL LOOP EM - 444 Hz
150 meter Cable Length
Scale: 10% per cm.

Knight and Natal Townships, Ontario

Utility Graphics Co.

COMPILED	N.T.S.	DATE	FIG. NO.
F. Syberg	41P/11	FEBUARY, 1982	15



41P11NE0075 OM92 004 KNIGHT

360

100 0 100 200 300

meters

Scale 1:5000

KRL RESOURCES CORP.

ARTHUR LAKE NORTH AREA

MAXMIN HORIZONTAL LOOP EM - 1777 Hz
150 meter Cable Length
Scale: 10% per cm.

Knight and Natal Townships, Ontario

Utility Graphics Co.

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F. Syberg	41P/11	FEBUARY, 1992	16