SUMMARY REPORT

on the

MINERAL EXPLORATION PROGRAM

May 1 to December 31, 1991

CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROJECT

Kenora Mining Division, Ontario

by

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GENERAL INTRODUCTION AND SCOPE OF WORK REPORT

This report and data presents exploration activities conducted on behalf of Champion Bear Resources Ltd. that qualifies for OMIP Grant Application #91-110.

This report has been divided into four major sections to deal with various activities of this multifaceted program.

Part I - Geology

Part II - Trenching, Sampling and Assays

Part III - Geophysical Surveys

Part IV - Diamond Drilling

The program is in mid stream as of December 31, 1991, therefore, some of the data and results are incomplete.

Complete maps and reports will be available following the completion of a substantial diamond drill program scheduled to be completed by the end of February, 1992.

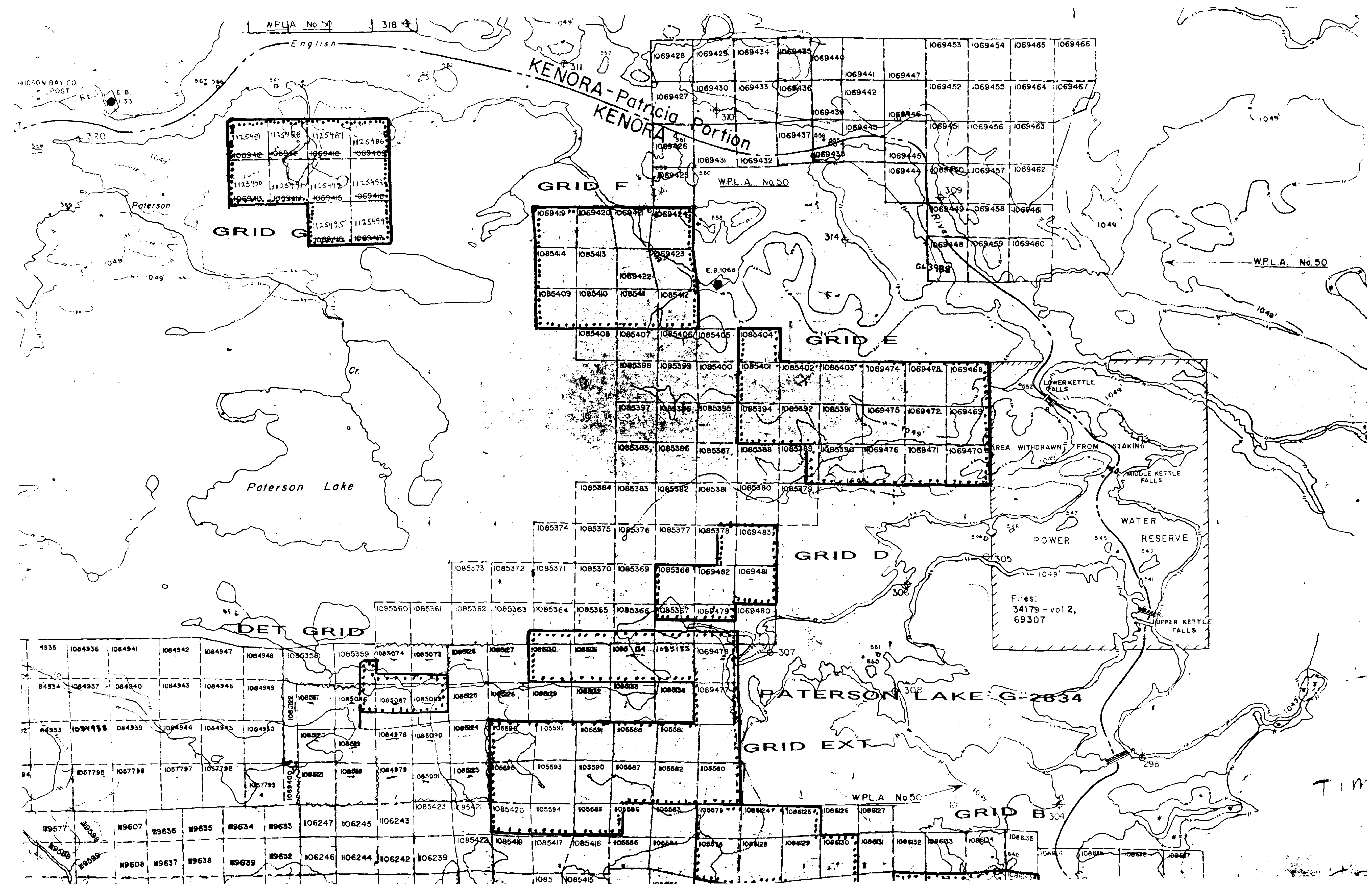
Kilometres 20 0 20 40 60 80 100 Kilometres

Miles 10 0 10 20 30 40 50 Miles

Ontario Geological Survey 1991. Bedrock geology of Ontario, west-central sheet; Ontario Geological Survey, Map 2542, scale 1:1 000 000.

Figure 2

GENERAL LOCATION MAP



KENORA-Patricia Portion
KENORA
English
HUDSON BAY CO. POST
GRID G
GRID F
GRID E
GRID D
GRID B
DET GRID
GRID EXT
PATERSON LAKE G-2834
Paterson Lake
Paterson
Cr.
W.P.L.A. No.50
LOWER KETTLE FALLS
MIDDLE KETTLE FALLS
UPPER KETTLE FALLS
AREA WITHDRAWN FROM STAKING
POWER
WATER
RESERVE
Files:
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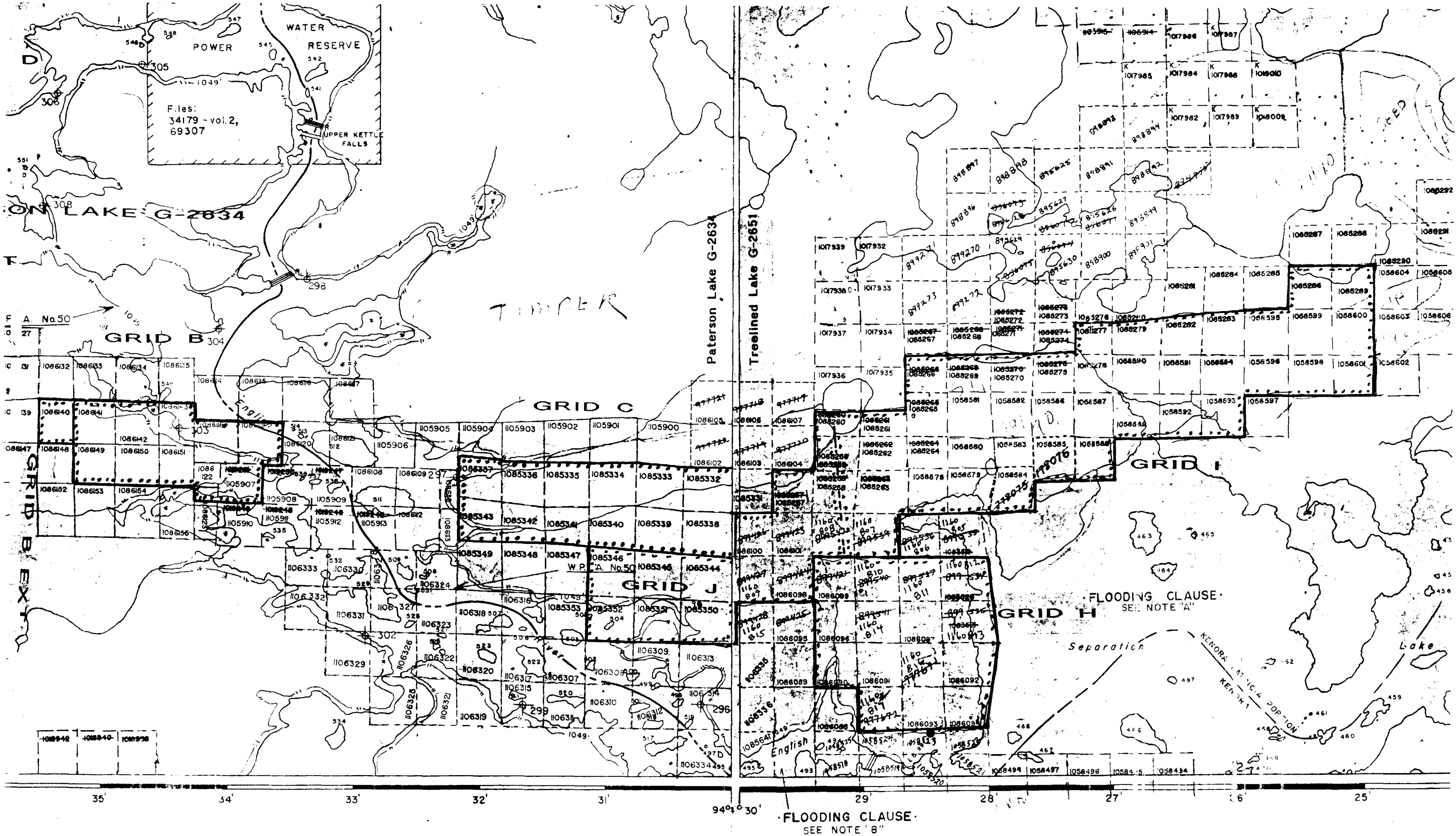
69307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34179 - vol. 2,
69307
UPPER KETTLE
FALLS
ON LAKE G-2634
TIMBER
W.P.A. No.50
GRID B
GRID C
GRID J
GRID H
GRID I
GRID B EXT
Paterson Lake G-2634
Treelined Lake G-2651
FLOODING CLAUSE
SEE NOTE "A"
Separation
KENORA
Lake
English
FLOODING CLAUSE
SEE NOTE "B"
35'
34'
33'
32'
31'
94°30'
29'
28'
27'
26'
25'

PART I - GEOLOGY

INTRODUCTION

Evaluation of the Oneman Lake property for base and precious metals continued in 1991 with geological mapping, mechanical stripping, trenching and line cutting and geophysical surveys on Grid B (West Extension) H, I and J.

Results of earlier reconnaissance mapping and sampling had shown that sulfide mineralization along a mafic-felsic metavolcanic interface contained low but highly anomalous values in Cu-Zn. A series of grids were established along this favourable interface using the geological data and results of an earlier airborne geophysical survey (Prichard, 1988).

Detailed mapping was conducted on eight grids, called Grid Extension (Oneman) and Grids A to G inclusive. Three areas of reconnaissance mapping were also carried out; East Grid C, Bridge Area and South Grid C. The latter area is included with the Grid C map sheet. The reconnaissance mapping was tied into the network of logging roads traversing these areas. Subsequent grids established on these areas are referred to as Grids H, I and J. The grids and general geology are shown on the 1:10,000 compilation sheets accompanying this report. The detailed geology is at a 1:2500 scale.

PROPERTY OWNERSHIP, LOCATION AND ACCESS

The claims covered by this survey are 100% owned or recorded as held under option agreements in the name of Champion Bear Resources Ltd. of 3805 - 7A Street S.W.; Calgary, Alberta; T2T 2Y8.

The property is located approximately 60 km due north of the town of Kenora, Ontario. The claims form a contiguous group with the exception of the Grid G area which is an isolated 10-claim group.

Access to the area is via a network of logging roads; the main access route is known as the English River Road and is maintained year round. The west part of the property is accessible via the Snook Lake Road, which connects with the Sand Lake Road and then with the English River Road, about 7.0 km south of the Separation Narrows Bridge.

Oneman Lake, Separation Lake and the English River provide for excellent access via this route to much of the area.

PHYSIOGRAPHY AND VEGETATION

The topography in the area is modestly rugged with local relief varying from a few meters to about 75 meters.

Glacial and lacustrine deposits mantle about 70% to 80% of the area. Areas of mechanical stripping and logging road construction show that the low lying areas are filled in mostly by clay deposits. A mixed coarse gravel till covers this and much of the bedrock.

Standing timbers in this area are mostly mature and the spruce and jackpine are actively being harvested.

A severe windstorm in mid July destroyed much of the standing timber in this area and largely obliterated the established grid lines.

REGIONAL GEOLOGY

The property is located within the English River Subprovince in the Superior Province of the Canadian Shield. The supracrustal rocks are part of the eastern extension of the Bird River Metavolcanic Belt in Manitoba.

Large granitic batholiths intrude these supracrustals to the north and to the south. Smaller intrusive bodies also occur within the metavolcanic metasedimentary sequences.

Regional metamorphism of the volcanic-sedimentary and early intrusive rocks is at amphibolite grade. Primary features such as bedding, flow structures and pyroclastic textures are locally preserved but are of little help in determining stratigraphic facing direction or the true origin of many of the lithologies.

One major anticlinal fold structure occurs in the area west of Separation Lake where iron formations within basalt flows define the structure. To the west, a large open Z-type fold is observed; the north fold being somewhat more open (Grid E area) than the closure on the south limb (Grid Extension area). Numerous small fold structures occur throughout the area. The amplitude varies from centimeters to the order of 50 meters and are isoclinal in form.

LOCAL GEOLOGY

Field mapping was carried out using the grid lines for control. This was supplemented by some reconnaissance mapping outside of the grid area.

The mapping was largely on a lithological basis as primary diagnostic features have been largely lost through deformation and amphibolite grade metamorphism. The lithological legend is set out in table form on the following page. A brief description of the units follows along with the variations and on interpretive comment as to the primal source of each unit. A further description is provided on a Grid-basis but this section will deal primarily with the relationship of lithologies and particular, the nature and relationships of sulfide mineralization.

TABLE OF LITHOLGIES

MAFIC AND ULTRAMAFIC INTRUSIVES

5 Unsubdivided

5a Gabbro

5b Porphyritic gabbro

5c Diorite, quartz diorite

5d Amphibolite (possibly mafic volcanics)

5e Ultramafic

CHEMICAL SEDIMENTS

4 Undifferentiated

4a Chert

4b Sulfide facies

4c Oxide facies

4d Silicate facies

CLASTIC SEDIMENTS

3 Unsubdivided

3c Conglomerate

3d Argillite, slate, siltstone

3e Greywacke

3j Garnetiferous

FELSIC TO INTERMEDIATE METAVOLCANICS

2 Unsubdivided

2a Dacite to rhyolite - foliated

2b Tuff to lapilli tuff

2c Breccia, tuff-breccia

2d Quartz and feldspar phyric units

2f Clotted (Bio + gar+ sill) rhyolite
or altered high level intrusive

INTERMEDIATE TO MAFIC METAVOLCANICS

1 Unsubdivided

1a Massive to foliated flows

1b Pillowed flows

1c Amygdaloidal flows

1d Porphyritic flows - plag. phyric

1f Tectonized, banded flows and tuffs

1h Coarse grained flows and intrusions

1j Migmatized mafic flows

1k Garnetiferous

DESCRIPTION OF LITHOLOGIES

Intermediate to Mafic Metavolcanics

Massive and pillowed flows are dominant. They are typically fine grained with a distinct penetrative foliation. Pillow forms are usually highly flattened making top determinations unreliable. The least deformed mafic volcanics occur in the area south of Grid A and also between Grid C east and the Separation Narrows Bridge. The mafic volcanics mapped on Grids E, F and G are essentially massive to banded amphibolite.

Some of the coarser grained massive flows may be early gabbroic intrusions. These and the fine grained flows maybe aphyric but plagioclase phyric and hornblende phyric phases are present, particularly in the vicinity of Separation Lake.

A significant component of this category is an amphibole plagioclase banded lithology (Unit IF) that was originally mapped as intermediate tuff.

Hornblende-rich bands with minor plagioclase alternate with plagioclase-rich bands and lenses. These more feldspathic layers and lenses are generally rimmed by a thin band of black amphibolite. Epidotized pods and lenses also occur within this unit but the discontinuity appears to be the result of boudinaging.

Good exposures in the vicinity of Grid C and the area bounded to the south shows some evidence that this particular unit (IF) is the result of tectonization of pillowed and massive flows. Pillow structures get progressively flattened as one traverses the mafics from south to north, approaching the contact with the felsic volcanics. Brecciation, sericitization and the development of coarser, black amphibole bands become more prominent. Epidotized cores within and in intrapillow positions become attenuated and boudinaged.

The main development of this unit (IF) is along the contact with the felsic volcanics where it attains widths of up to 200 meters. Further to the south, well within the main mafic metavolcanic sequence, this particular lithology can be observed but is more limited in width from about 1 to 25 meters. The origin of these is uncertain and one has a tendency to place all banded mafic-intermediate lithologies within this "tectonized" suite but some may actually be volcaniclastic in origin.

Garnetiferous phases are common with pink garnet forming less than 1% of the units to garnetite associated with oxide and silicate I.F. These garnets are part of the regional metamorphic grade but some of the units with a much higher component of garnet (5-15%) maybe part of a hydro thermal alteration system.

Felsic to Intermediate Metavolcanics

Rocks in this category occur mainly as a continuous unit lying immediately to the north of the main mafic metavolcanics sequence. The nature of this contact is not easily defined but often there is a repetition of an alternating sequence of mafic-felsic-mafic-felsic. This appears in part to be the result of isoclinal folding but in some areas it may just be a normal interbedded sequence.

For the most part the rocks in this category are foliated and devoid of primary features. A foliation parallel bonding in the rocks may actually be tectonic. similar to the development of the IF unit.

Coarse breccias are locally present and are most prevalent in the area of Grid A and east. Some quartz phyric phases are also present, but most outcrops display only feldspar phyric phases. Biotite and minor amphibole are the dominant mafic components but seldom constitute more than 15% of the lithologies. Minor garnet is also present as is muscovite. The muscovite occurs as rounded aggregates up to 2 mm in diameter and locally forms 5 to 10% of the unit. They appear to be poikiloblastic and may represent retrograded cordierite or andalusite. These are almost always maximal in silicified sections that host sulfide mineralizations. Sillimanite is also a common constituent of felsics adjacent to the sulfide zones.

A foliated to laminated felsic unit with 1-10 mm aggregates of biotite/garnet/sillimanite was first observed on Grid G (Unit 2F). This unit was later found to be intrusive in origin and was also identified on Grid F and E.

The laminations within this unit appear to be largely tectonically derived (ie. magnetization). The garnet-biotite knots also show a preferred alignment to this layering. Inclusions of the same lithology are found on a lake shore on Grid G. The inclusions are defined by the presence of 5-10 cm rim of plagioclase + epidotite.

Unit 2F may represent a subvolcanic intrusion. Unfortunately, the metamorphic grade along this NW trend (Grid E, F and G) is somewhat higher than along the main Belt and primary features and relationships between lithologies are largely lost.

Clastic Metasediments

A thin unit of conglomerate separates the felsic metavolcanics from the gneissic sequences in the vicinity of Grid C and the area extending east for approximately 5 m. The clasts are derived predominantly from chert-oxide I.F. and vary up to 30 cm in diameter, the ratio of deformation being approximately 1:15 to 1:3. The matrix is comprised mainly of amphibole with minor quartz + plagioclase + garnet.

Minor volcaniclastic units within the mafic volcanics have the appearance of sediments. However, much of the layering can attribute to a combination of tectonism and metamorphism and these have been mapped with unit IF.

Chemical Metasediments

These units are extensively developed in the area and are predominant within the mafic volcanics but are also formed within the felsics.

Chert-oxide, chert-silicate and silicate I.F. units vary from less than one meter in thickness to about 25-30 meters. Several of these members have been previously examined in the vicinity of Separation Lake for their economic potential as a source of iron.

All of these units exhibit various fold features from cm scale to a broad open fold in the vicinity of Separation Lake.

Chert-magnetic interbedded with quartz + grunerite + garnet are predominant within the lower mafic volcanic sequences such as the area immediately north of the Separation Narrows Bridge. Sulfides, predominantly pyrrhotite but also pyrite, arsenopyrite, chalcopyrite and sphalerite occur within these units but appear to be associated with later periods of mineralization that is structurally controlled, either by folding or faulting. These later sulfides show little continuity along strike of the exhalite units.

A number of formations occurs midway along the mafic stratigraphy, extending east and west from the intersection of the Umfreville Road and the English River Road just south of Grid C and L30E. About 3 or 4 separate formations occur along this trend. Often being split by gabbro intrusions. These units are dominated by chert-magnetite but minor pyrrhotite is present with massive pyrrhotite being exposed in trenches. The more northerly bands appear to be more sulfide rich than the south units. Minor chalcopyrite and sphalerite are also present in the more northerly formations.

A number of these chert-magnetite $\pm$ garnet $\pm$ pyrrhotite occur upwards in the mafic stratigraphy and below the felsic volcanics. Sulfides become more prevalent as this contact is approached and are generally associated with silicic, felsic formations. Massive pyrite or pyrrhotite are locally observed in trenches or drill core but most occur within well foliated felsic lithologies. The sulfides themselves are largely remobilized into an anastomosing fabric. Sphalerite and chalcopyrite are most commonly associated with this tectonized unit. When present with massive sulfides, they are always found to lie along fracture planes.

Exhalite units within the felsic volcanics are almost always associated with extensive zones of silicification and alumina-silicate mineral assemblages. The pyrrhotite is almost always granular in appearance and having been mineralized through tectonism and metamorphism. Sphalerite is locally present as is chalcopyrite but always occurs as later cross-cutting vienlets as along fracture planes.

Mafic and Ultramafic Intrusives

The various intrusive units from this suite occur throughout the mafic volcanic sequence. They are readily identified when they intrude the exhalite formations but are more difficult to map out as separate lithologies with the coarser phases of massive mafic volcanic flows.

The more extensive gabbroic bodies are present in the area of Separation Lake and west towards the area lying immediately south of Grid C. These are coarse grained equigranular to hornblende phyric intrusives and commonly exhibit a weak foliation.

Felsic to Intermediate Gneissic Rocks

Gneissic rocks occur extensively in the north part of the area. They are in contact with mafic metavolcanics, felsic metavolcanics and conglomerates. The contacts are relatively sharp except with the felsics where the contacts are more gradational.

Biotite gneiss is most common and leucocratic bands alternate is more biotite rich (10-30%) bands. Locally, homogenous units bearing 20-40% biotite are present.

The leucogneiss is a siliceous unit which maybe a felsic volcanic in origin. Biotite generally forms less than 10% of the rock, only often less than 5%.

Garnet, 1% - 2%, is present in most gneissic rocks, forming 1-2. Sillimanite, cordierite and andalusite are common constituents within the leucogneiss, particularly in the vicinity of sulfide mineralization.

Much of gneissic terrain has been invaded by a number of intrusion classified with unit 7. Magmatization is common and where the gneissic component is dominant, these have been mapped within this formation (Unit 60).

Felsic to Intermediate Intrusives

Intrusive units within this category from most of the large batholiths as well as intrude into the Greenstone Belt. They are extremely variable and time did not permit subdivision of these units, nor were they studied in any detail.

Several ages of intrusions occur as they vary from massive to well foliated. On a regional scale, the emplacement controls the major fold structures within the volcanic sedimentary sequence. On a local scale they tend to disrupt the continuity of sulfide zones, which are the focus of exploration in this program.

DESCRIPTION OF AREAS

Grid Extension

a). Geology

Detailed mapping was carried out over most of this Grid between L70E and L94E. The main felsic-mafic contact extends along the 3N BL towards L90E where it abruptly turns to a SE direction, towards Grid A.

Mafic volcanic sequences predominate in the south half of the grid. Pillowed structures can be recognized over much of this section. Massive flows are also recognizable but a medium grained amphibolite unit with weak penetrative foliation maybe intrusive, either synvolcanic or early in the tectonic history. Because contacts are difficult to discover, they have been included with the mafic volcanic sequence. The banded intermediate-mafic unit (2F) occurs throughout this stratigraphy but more so near the contact with the felsics and at approximately 3 to 5 S in association with a felsic tuff horizon, exhalites and garnetiferous mafic volcanics.

A band of felsic tuff (qtz + fs + bio + gar $\pm$ sillimanite) extends from 2S, L75E to 4S on L82E. It is associated with a highly garnetiferous amphibolite, chert + magnetite, chert + sulfide and the IF unit. This package of strata is approximately 300 m thick in the vicinity of L75 and L76 E where it is split into two portions by a unit of flattened pillows of about 50 m in thickness. This sequence gradually merges into one towards the east.

A thin unit of chert IF and felsic tuff is found on L81 and L82 E at 1+40S. This too is found within a sequence of garnet-bearing mafic volcanics.

The contact of mafic-felsics along the 3N BL is an intercalated one with bands of felsic tuff alternating with massive or banded mafic volcanics. It is uncertain if this alternating sequence is structural or primary. Felsic metavolcanics and gneisses, often highly migmatized, occur in the area to the north of the 3N BL. Remanents of mafic volcanics occur at the north limit of L75-80E. These are essentially amphibolite with no recognizable primary features.

The felsic volcanics are highly granetized. They vary from strongly layered to massive. Much of the layering appears to be primary. Extensive silicified sections occur. These are often weakly gossaned or stained reddish due to minor pyrite and pyrrhotite.

The sequence east of L80E show an alternating felsic-gneiss stratigraphy. This repetition is likely due to folding. The felsic ban on L92E, 10N shows a sillimanite-bearing unit to the south of the sulfide zone. This sequence is reversed on the L92E, 7N where the sillimanite-bearing unit occurs to the north of the sulfide zone.

b). Mineralization

Pyrrhotite is the dominant sulfide and it occurs as massive exhal.ite, disseminated through shear-metamorphism remobilization or as sulfidatization of chert-oxide exhalite formations.

Mineralization found within the silicified felsic band at about 10N between L83E and L93E comprises of massive pyrrhotite pyrite and minor graphite. Values in the trench on L93E contained up to 0.12% Zn, 236 ppm Cu and 4.1 gms Ag.

The band of felsics extending from (+50N at 82E to 6N at L93E is gossaned over a width of 25 to 50 m. A strong conductor is associated with this band but only disseminated pyrrhotite was observed. Strong sericite sillimanite alteration occurs along the north side of this gossan.

A 20 meter wide gossan in the vicinity of L83E, 6N was stripped and trenched. Semi-massive pyrrhotite occurs over a width of 5-6 meters. It has a coarse granular appearance and is generally barren of base metals. Several late cross-factures are veined with massive pyrrhotite-sphalerite.

Similar mineralization occurs at 91E, 5N and in a gossaned section extending from L76E, 7+50N to L78E, 9+00N.

Mineralization occurring along the 3N BL comprises of massive to semi-massive pyrrhotite and pyrite intercalation with sericite schist and banded amphibolite (IF). The mineralization is up to 4-5 meters in width and this part of the stratigraphy is highly injected by granodiorite dikes.

The mineralization can be traced from about L75E, 3N to L85+50E and 2N. Here, it is intruded by a cross-cutting body of granodiorite. A south-east trending conductor-felsic unit a L88 -1N is likely the continuation of this horizon. It is highly anomalous in Cu-Zn and Ag. Maximum values from trench samples along this trend are 0.66% Zn, 0.15% Cu and silver values are up to 9.7 gms. These appear to be a correlation between high silver value and base metals.

The best values are generally associated with sulfides remobilized along foliations rather than with primary massive pyrrhotite.

Weak sulfide mineralization in a trench at L91E, 3+50N is associated with a thin banded amphibolite. Arsenopyrite is also found here. Values of 100 ppb Au, 1.3 gms Ag, 600 ppm Zn and 180 ppm Cu were obtained from trench samples.

The exhalite-tuff sequence within the mafic volcanics at about 4S on L82E lies mostly under a swamp area. One section of this feature was tested by a diamond drill hole on L76E and 2S and several trenches were put down on this horizon to the east of L82E. The mineralization varies form chert-magnetite + pyrrhotite to massive and semi-massive pyrrhotite. Base metal values in sampled locals are low with elevated As to 3200 ppm. The presence of garnet + sillimanite within the felsic tuff component and the extensive development of garnet to the south, possibly expressing a relic alteration zone, make this an attractive base metal target.

GRID A

a). Geology

This grid was established to recover airborne conductors situated along the main felsic-mafic volcanic contact. The south part of the grid is underlain by mafic volcanics intruded by a granodiorite stock. The mafic volcanics comprise predominantly of massive and pillowed flows. Highly garnetiferous volcaniclastics occur along the extreme south part of the grid.

A thin unit of felsic tuff extends from L1E, 1N to L8E, 0+75N. Some pyrite occurs within this unit near the west but the east end of this unit consists of minor chert-magnetite.

The felsic volcanics along the north part of the grid are predominantly feldspar phyric tuffs with minor breccias and quartz phyric units.

b). Mineralization

Stripping and trenching were carried out between 5+50E and 8+50E. Silicified, pyrrhotite-pyrite bearing felsic tuffs are intercalated or interfolded with narrow mafic bands. Values of up to 1% Zn, 0.6% Cu and 3.1 gms Ag were obtained from trench samples.

A piece of arsenopyrite-bearing float was found near the trenching at 8+25E but the source of this material was not found.

GRID B

a). Geology

The geology of this grid is very similar to that of Grid A. The felsic-mafic contact is again expressed as a repetition of alternating units, possibly through isoclinal folding or low angle faults. The mafics here are predominantly the banded IF unit, suggesting that the contact was a zone of high strain.

b). Mineralization

The mineralization again varies from disseminated, remobilized style to massive. Trenches between L3E and L10E show the sulfides to occur with silicic felsic horizon that are up to 3.0 meters in width.

Values of 0.5 to 0.6% Zn are common but Cu values are generally less than 1000 ppm. Ag varies from 1.0 to 3.0 gms.

Two horizons of mineralization occur east of L13E. The north trend was trenched on L19E on top of the cliff - Zn values of up to 2.1% were obtained here. Ag values were 1 to 3.3 gms, and the best Cu was 2608 ppm.

The interpretation of these two units east of L19E is somewhat tenuous. Trenches on a folded mineralized zone between L24 and 25E may actually belong to the south horizon rather than the north unit as shown on the plan. Visible sphalerite-chalcopyrite occur in highly folded silicic tuff and with foliation controlled remobilized pyrrhotite. Zn values up to 01.4% and Ag values to 3.2 gms were obtained.

GRID C

a). Geology

Detailed mapping was carried out along the grid and extended into the area south on a reconnaissance basis. Grid J was established later to recover some airborne conductors.

Mafic volcanics predominate in the south part of the grid and are host to thin chert + magnetite ± garnet ± pyrrhotite units. Locally, these are conductive. The mafics near the contact with the felsics become laminated (Unit IF). Pegmatite dikes and some gabbro intrude the mafic suite.

The area lying south of the grid comprises of massive and pillowed flows and a number of chert-magnetite formations. Coarse grained gabbro intrudes both the volcanics and I.F.

The main felsic suite of rocks varies from feldspar to Q.F. phyric and from fine tuff to coarse breccias.

b). Mineralization

Numerous trenches were put down along Grid C. The I.F. units within the mafic sequence hold little potential for base metals. However, the sulfide zones along the main felsic-mafic contact or proximal to it show promise for such deposits. Values of Zn from 0.3 to 1% are common within silicic zones. Ag values are in the 1-2 gm range and Cu values are generally less than 0.10%.

Trenches near the intersections of the English River and Umfreville Road show four separate mineralization horizons. The north units are sulfide rich while the south zones are essentially chert-magnetite. Minor Cu-Zn mineralization occurs with the sulfide zones.

About 800 meters west along this trend are two trenches put down on a weak gossanous horizon flanking the oxide facies I.F. to the south. Values of up to 2% Zn were obtained from this area.

East Grid C Reconnaissance - (Grid I)

Reconnaissance work was extended into this area to examine the potential for base metals. The main felsic unit in this locale exhibits extensive development of muscovite, primary breccia textures and some quartz phyric phases. The contact with the felsics is gossaned as are thin felsic units lying immediately to the south.

A well banded unit of felsic lies about 200 meters to the south of the main contact. It varies from 20 to 35 meters in thickness, locally contains abundant garnet and sillimanite and is often highly gossaned. This unit was not trenched.

A grid was later established over this area and was called Grid I.

Bridge Area - Grid H

Reconnaissance work over clear cut sections of this area identified several trends of chert + magnetite ± garnet I.F. within a basalt-gabbro sequence. Chalcopyrite mineralization was observed at several locale, associated with highly deformed I.F. Subsequent trenching and stripping extended the mineralization to a Cu-Zn-As-Au bearing zone in I.F. adjacent to a gabbro intrusion. Grid H was established and some detailed mapping was carried out along with geophysical surveys.

The potential of this grid lies with the polymetallic mineralization within the I.F. units.

Grid D

Grid D lies along the NE trend of the felsic volcanics from the NW part of the Extension Grid. The conductive areas were prospected but only disseminated sulfides were observed, less than required for a conductive body. These lie within silicified, sillimanite-muscovite bearing felsics in contact with biotite gneiss and numerous felsic intrusive rocks.

The magnetic data suggests that this gossaned, conductive felsic horizon maybe folded with the nose just beyond the east limit of the grid.

Grid E

Gneisses are the dominant lithology of this grid with much of the south part either covered by overburden or lake.

A narrow mafic volcanic and silicified gneiss flank a uranium bearing pegmatite intrusion along L15E and north of the base line. Three diamond drill holes put down by S. Lasavage in the vicinity of L16E and the BL intersected sheared, sulfide-bearing intermediate lithologies with about 0.3% Zn over 40 ft. Other gossanous zones on the grid are associated with the biotite gneiss or leucocratic gneiss. The single exception is some pyrite occurring with a Q.F.P. unit on L2E, 3N. All regional samples were low in Cu-Zn values.

Grid F

This grid is almost exclusively underlain by gneisses. Several narrow amphibolite units along the south part of the grid are likely mafic volcanic in origin. The gossaned zones lie within the gneisses and have been deformed by intrusion of the clotty biotite-garnet granodiorite (Unit 2F). The base metal potential of this area is considered to be low.

Grid G

Unit 2F was first identified within this grid and originally it was mapped with the felsic volcanics. Subsequent work showed it to be intrusive.

Narrow mafic volcanic units occur along the south portion of the grid. These are in contact with silicic units, that maybe remanent felsic volcanics and with biotite and biotite-garnet gneiss. These lithologies underlay much of the grid area.

The gossaned areas are always within the biotite-garnet gneiss lithologies and comprise of massive to semi-massive pyrrhotite. Sphalerite mineralization was observed in one trench but as a late cross-cutting vein.

PART II

TRENCHING, SAMPLING AND ASSAYS

Sketches and Assays - See Appendix A

Assay Certificates - See Appendix B

PART III

GEOPHYSICAL SURVEYS

INTRODUCTION

Independent Exploration Services Ltd., on behalf of Champion Bear Resources Ltd. conducted line cutting and geophysical HLEM, Magnetometer and VLF-EM Surveys over four specific grid areas (Tables I & II).

This work is a part of a large integrated multifaceted program designed to assess and evaluate the base metal and gold potential of the Separation Lake Greenshield Belt.

PRESENTATION OF RESULTS

The results of the geophysical surveys are presented on accompanying geophysical plans at a scale of 1:2500.

Note: The geophysical plans are preliminary. As this project is in midstream as of December 31, 1991. Final maps, interpretation and discussion of results will be forthcoming as this work will be submitted for assessment work credit.

TABLE I

LINE CUTTING AND GEOPHYSICAL SUMMARY

Grid	Line Cutting (km)	H.L.E.M. (km)	MAG. (km)	VLF-EM (km)
B-Ext.	5.6	4.8	4.8	
H	25.7	24.5	24.5	24.5
I	47.2	42.0	42.0	
J	18.8	16.3	16.3	
Totals	97.3	87.6	87.6	24.5

TABLE II

Grid B-Ext.-

K1086140 & K1086141	(2 claims)	Paterson Lake
Total	2 claims	G-2634

Grid H -

K1086091 - K1086094 incl.	(4 claims)	Treelined Lake
K1086096,K1086097,K1086099	(3 claims)	
K1160810 - K1160814 incl.	(5 claims)	
K1160816	(1 claims)	
Total	(13 claims)	

Grid I -

K1058578 - K1058596 incl.	(19 claims)	Treelined Lake
K1058598 - K1058601 incl.	(4 claims)	
K1085261 - K1058265 incl.	(5 claims)	
K1085269 & K1085270	(2 claims)	
K1085275	(1 claims)	
K1085277 - K1085279 incl.	(3 claims)	
K1085282 & K1085283	(2 claims)	
K1085286 - K1085289 incl.	(3 claims)	
Total	(39 claims)	

Grid J -

K1085257 & K1058258	(2 claims)	Paterson Lake
K1085263 & K1085338	(2 claims)	and
K1085339	(1 claims)	Treelined Lake
K1085344 - K1085346 incl.	(3 claims)	
K1085352 & K1086098	(2 claims)	
K1086100 & K1086101	(2 claims)	
K1160807 - K1160809 incl.	(3 claims)	
Total	(15 claims)	

PART IV

DIAMOND DRILLING

INTRODUCTION

As of December 31, 1991, five diamond drill holes have been completed for a total footage of 1,817 feet.

This diamond drill program is just commencing, therefore a complete report and discussions will be forthcoming upon completion.

D.Drill Logs - Appendix C.

CB27

CB28

CB29

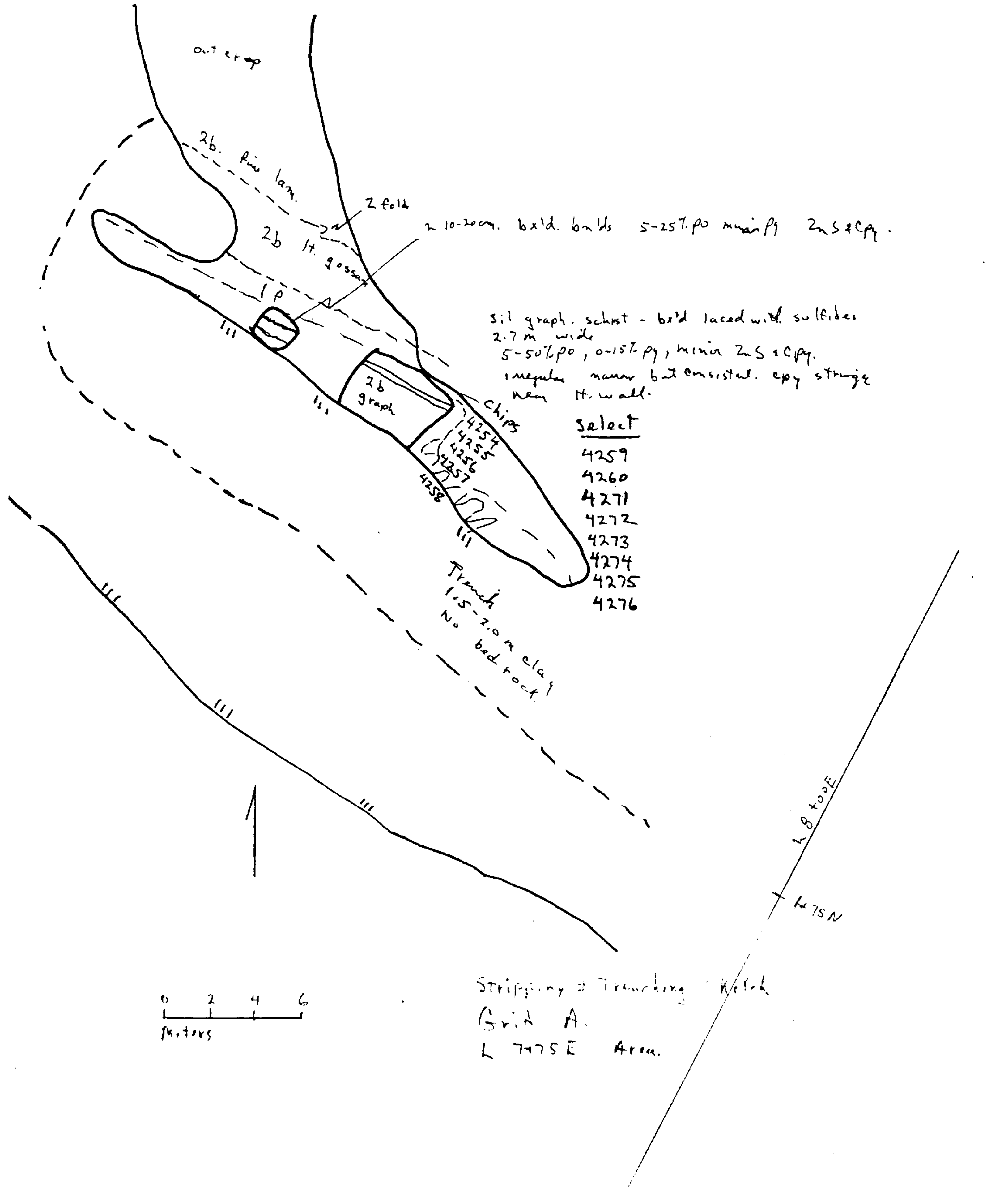
CB30

CB31

Grid B- D.Drill Hole Location Plan

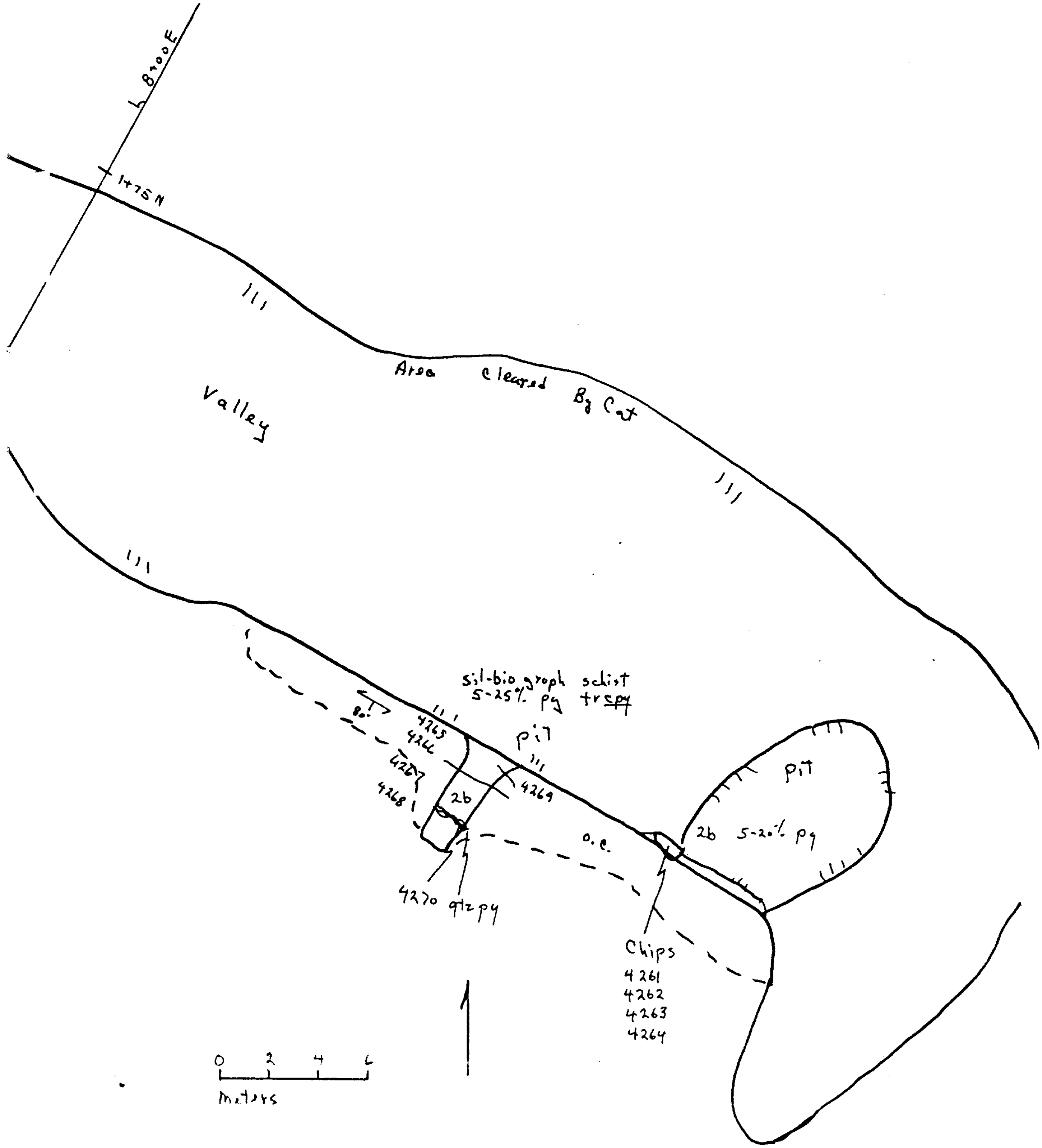
PART II - APPENDIX A

TRENCHING, SAMPLING & ASSAYS
SKETCHES AND ASSAYS
ASSAY CERTIFICATES



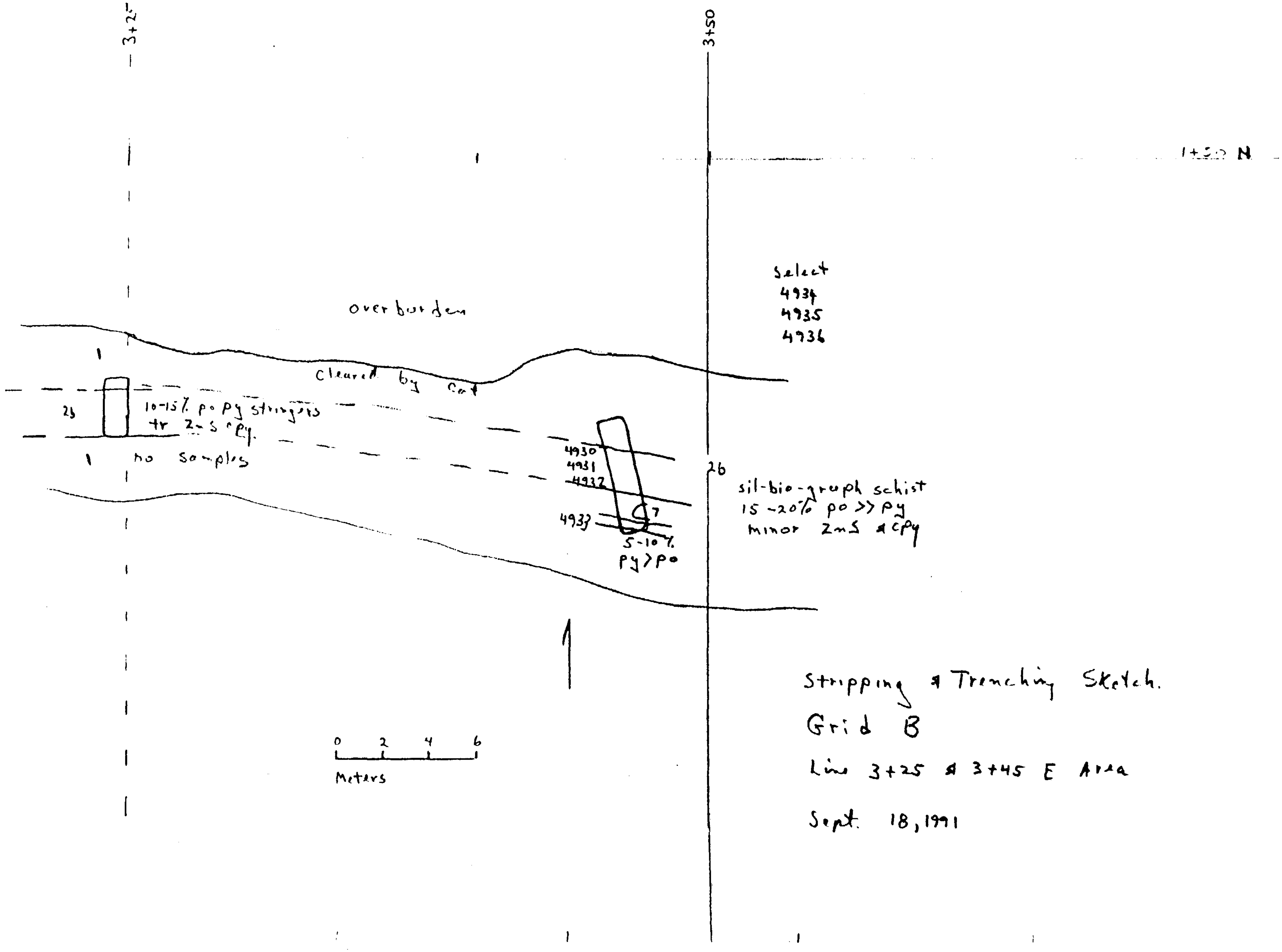
Stripping & Trenching Sketch
Grid A.
L 7+75E Area.

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4254	6	8	1208	3	3450	1.5	134	97	140	11.51	5	9	3	GRID A	7+80E	1+80N
4255	7	8	1131	19	2992	1.9	141	102	296	12.16	25	8	3	GRID A	7+80E	1+80N
4256	16	9	822	10	6246	2.6	269	216	149	17	4	15	3	GRID A	7+80E	1+80N
4257	9	9	1291	11	1601	3.1	225	182	193	18.32	39	14	3	GRID A	7+80E	1+80N
4258	6	10	528	10	9551	1.3	128	92	418	9.76	15	10	3	GRID A	7+80E	1+80N
4258	8													GRID A	7+80E	1+80N
4259	5	9	280	2	9319	.9	121	86	321	10.65	2	11	3	GRID A	7+80E	1+80N
4260	5	8	507	2	4804	.7	125	86	333	11.67	10	10	3	GRID A	7+80E	1+80N
4271	7	9	826	7	6049	1.1	128	90	.328	10.46	51	8	3	GRID A	7+75E	1+80N
4272	8	7	244	17	3315	.4	68	49	303	6.31	117	9	3	GRID A	7+75E	1+80N
4273	11	8	631	6	6274	1.4	145	103	251	11.89	4	7	3	GRID A	7+75E	1+80N
4274	10	4	703	73	1950	2.3	114	82	233	10.40	55	7	3	GRID A	7+75E	1+80N
4275	10	9	383	8	5489	1.3	125	86	355	10.14	2	10	3	GRID A	7+75E	1+80N
4276	15	8	433	6	6615	2	203	154	122	14.62	4	12	3	GRID A	7+75E	1+80N
4276	16													GRID A	7+75E	1+80N



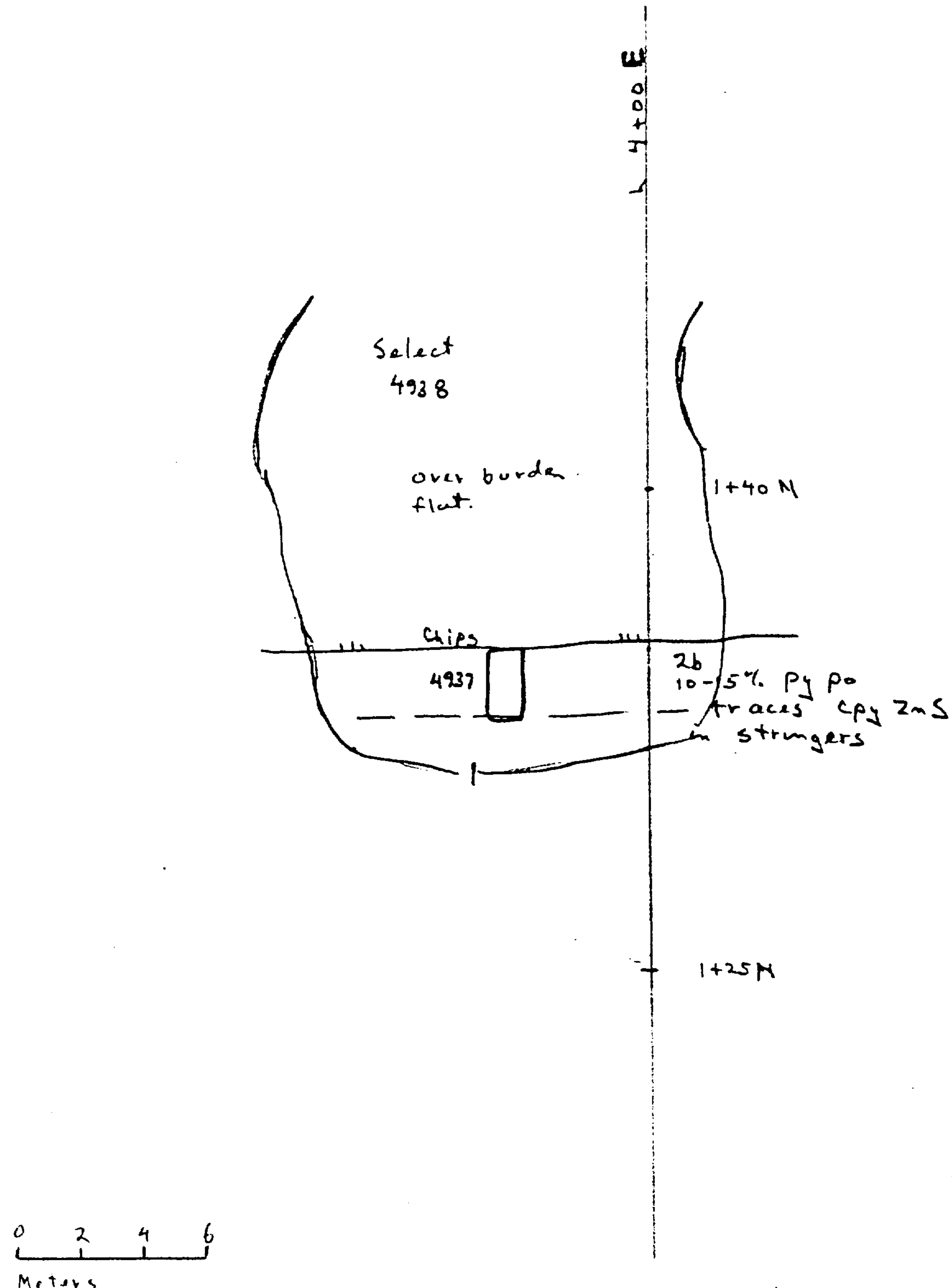
Stripping & Trenching Sketch
Grid A
8+25 E ; 170 N

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4261	5	4	461	20	1605	.9	86	49	238	6.65	4	9	3	GRID A	8+25E	1+80N
4262	7	4	474	9	2579	.8	92	52	283	6.65	3	7	3	GRID A	8+25E	1+80N
4263	5	4	568	8	1800	1.1	114	68	392	8.30	3	10	3	GRID A	8+25E	1+60N
4264	5	4	620	13	3301	1	110	66	182	8.36	4	5	3	GRID A	8+25E	1+60N
4265	19	5	482	24	1559	1.4	119	79	230	9.91	72	9	3	GRID A	8+20E	1+60N
4266	37	6	730	22	4255	1.6	143	94	233	11.57	29	13	3	GRID A	8+20E	1+80N
4267	20	4	162	10	1120	.5	60	34	325	4.49	44	9	3	GRID A	8+20E	1+60N
4267	18													GRID A	8+20E	1+80N
4268	19	3	163	9	899	.3	46	26	286	3.35	49	7	3	GRID A	8+20E	1+80N
4269	37	6	1635	23	2601	2.8	166	110	181	12.80	16	9	3	GRID A	8+20E	1+80N
4270	24	4	6066	15	2377	2.5	80	49	252	6.82	40	7	3	GRID A	8+20E	1+80N



3+25
3+50
1+50 N
Select
4934
4935
4936
overburden
Cleared by Cat
25
10-15% po py stringers
tr ZnS cpy
no samples
4930
4931
4932
4933
7
26
sil-bio-graph schist
15-20% po >> py
minor ZnS & cpy
5-10%
py > po
0 2 4 6
Meters
Stripping & Trenching Sketch.
Grid B
Line 3+25 & 3+45 E Area
Sept. 18, 1991

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4930	84	9	1394	34	5616	2.9	149	128	356	17.29	38	21	6	GRID B	3+45E	1+35N	
4931	5	10	700	29	4919	2.4	105	93	317	11.97	32	17	3	GRID B	3+45E	1+35N	
4932	5	13	590	34	6028	2.7	151	122	406	16.95	38	20	5	GRID B	3+45E	1+35N	
4933	7	8	455	36	3267	2.1	132	126	346	13.42	36	14	3	GRID B	3+45E	1+35N	
4934	9	7	571	27	5440	1.3	146	124	234	15.38	17	7	<3	GRID B	3+45E	1-35N	
4935	14	6	1170	35	6517	1.7	152	126	276	17.27	32	9	7	GRID B	3+45E	1+35N	
4936	5	10	401	10	3177	.9	122	106	236	13.98	11	8	6	GRID B	3+45E	1+35N	



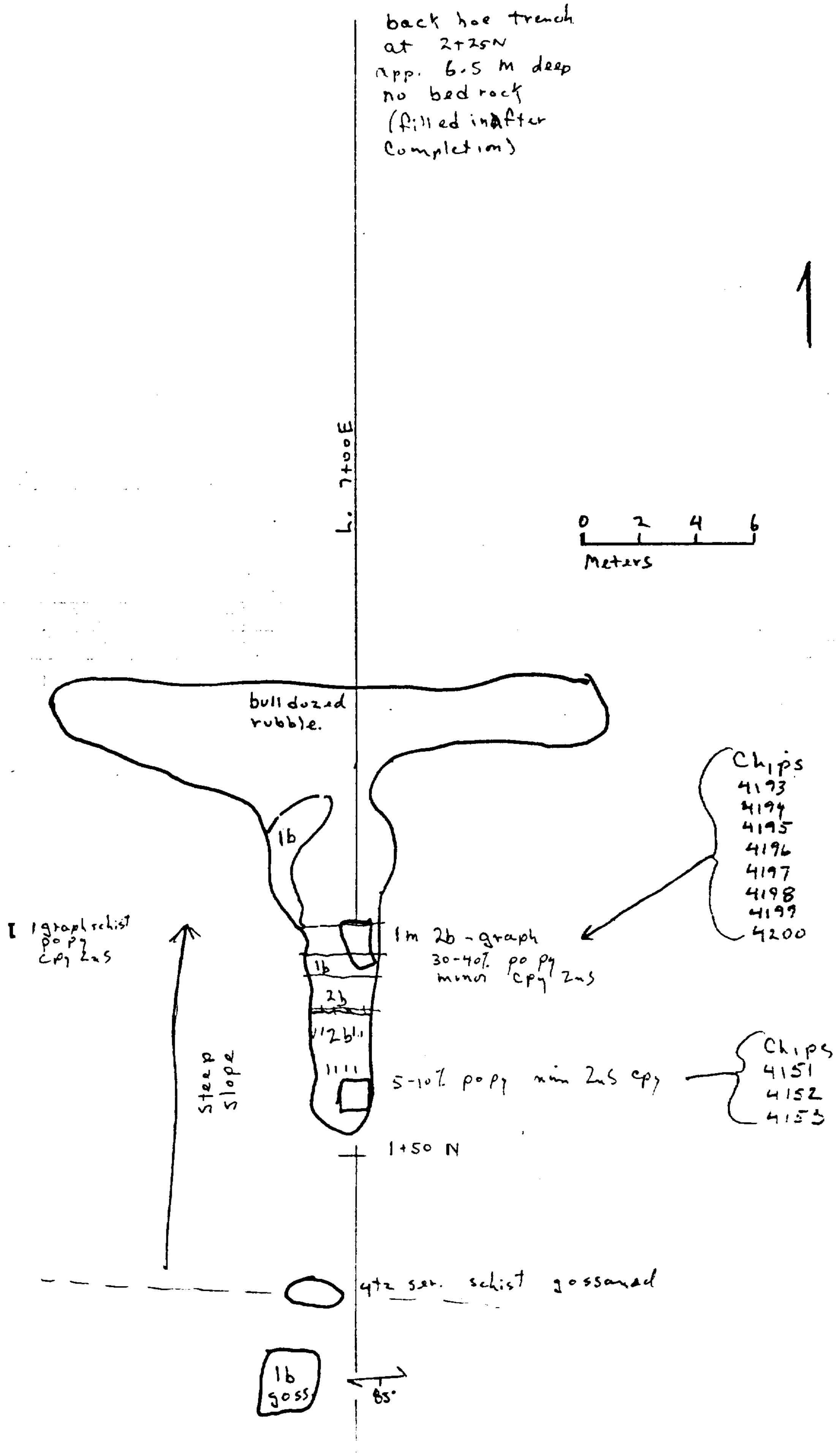
Stripping & Trenching Sketch.

Grid B

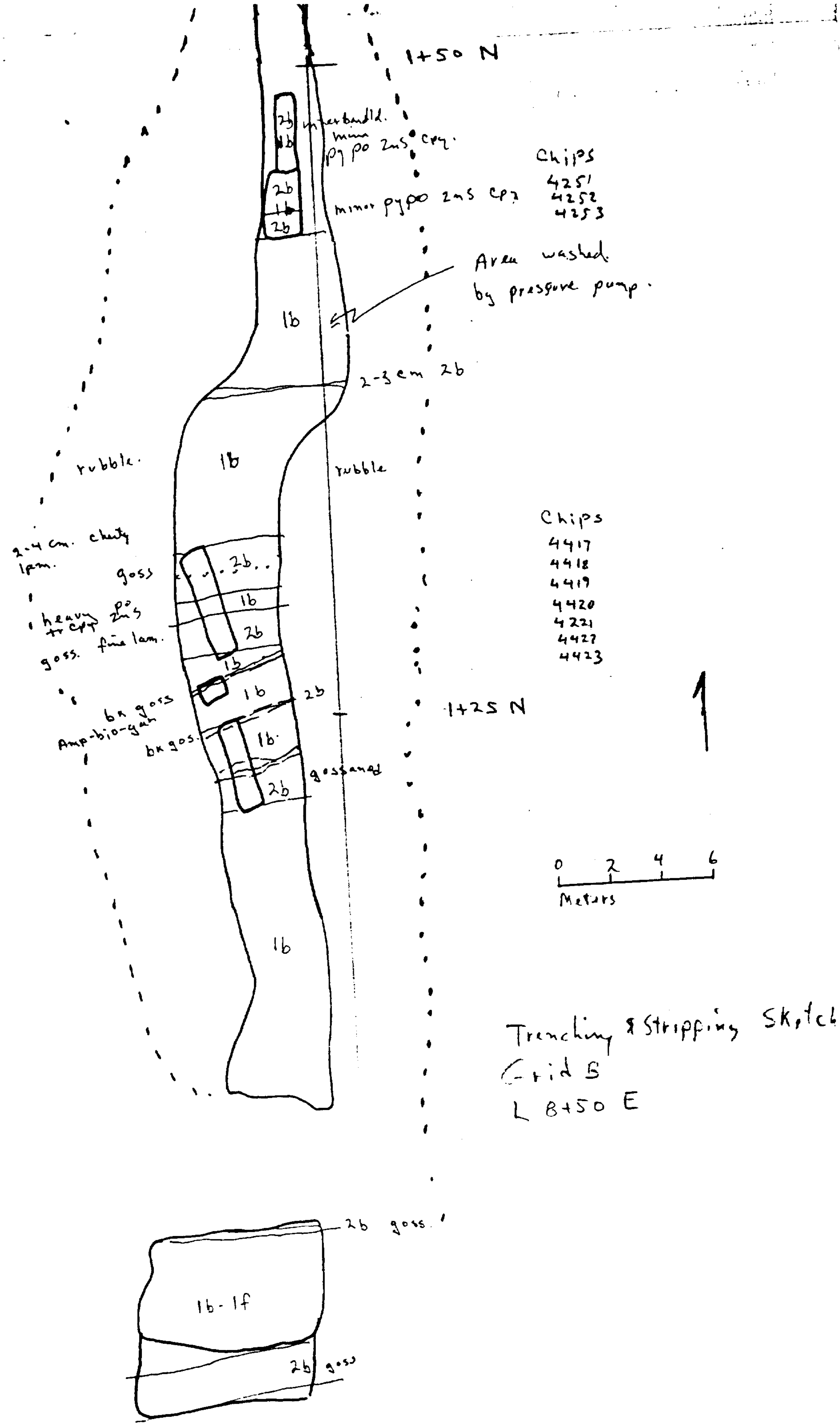
Line 4+00 E Area.

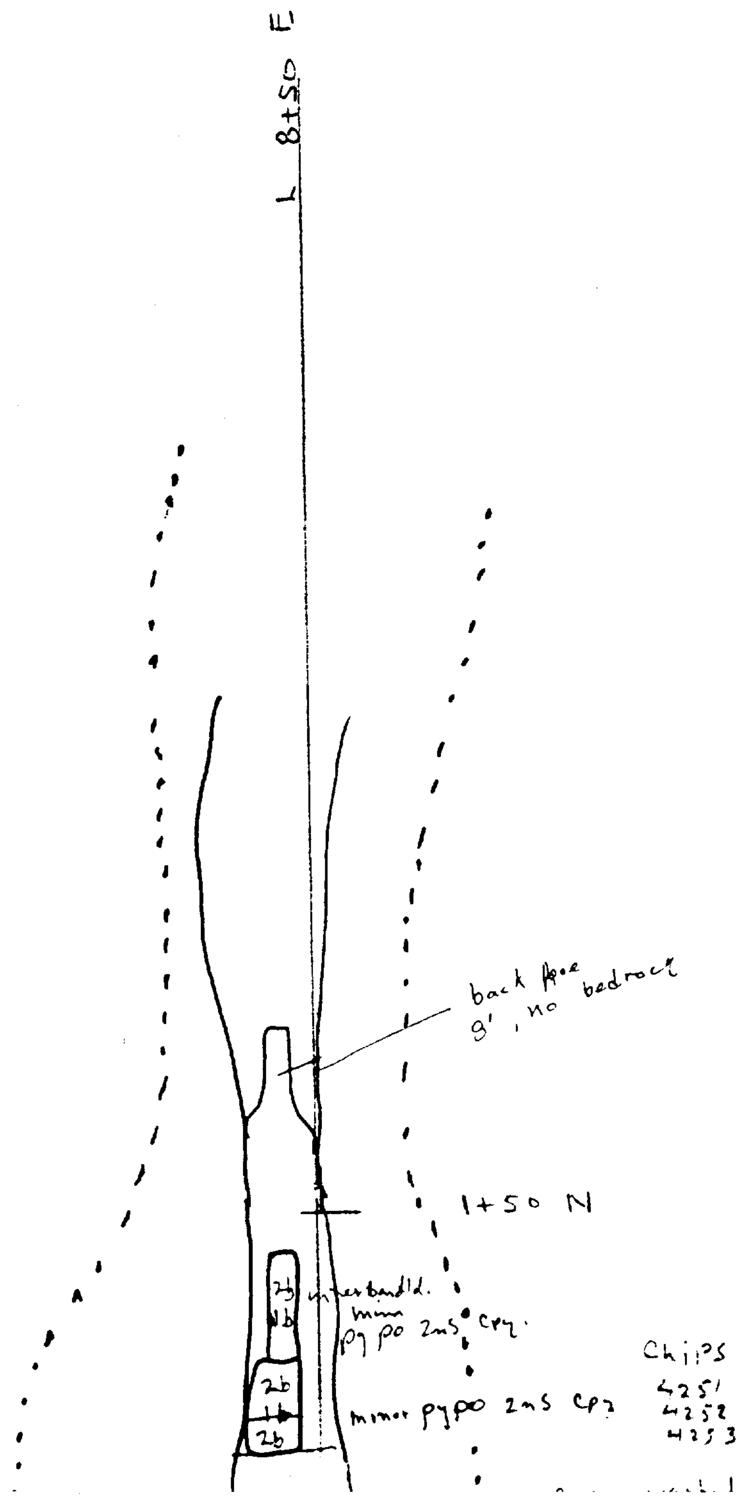
Sept 18, 1991

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4937	5	9	326	15	5814	.7	120	111	406	11.85	27	4	3	GRID B	3+95E	1+35N	
4935	9	7	1017	14	3137	1.1	153	122	482	13.29	41	9	3	GRID B	3+95E	1+35N	


back hoe trench
at 2+25N
app. 6.5 m deep
no bed rock
(filled in after
completion)
1
L. 7+00E
0 2 4 6
Meters
bulldozed rubble.
1b
Chips
4193
4194
4195
4196
4197
4198
4199
4200
1m 2b - graph
30-40% po py
minor cpy ZnS
I 1 graph schist
po py
cpy ZnS
1b
2b
2b
Steep slope
5-10% po py min ZnS cpy
Chips
4151
4152
4153
1+50 N
qtz ser. schist gossaned
1b
goss
85°

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4151	6	13	453	20	3678	1	127	103	753	9.22	20	14	3	GRID B	7+00E	1+55N
4152	5	6	125	14	231	1.2	43	21	263	1.96	14	9	3	GRID B	7+00E	1+55N
4153	5	6	137	20	641	1	50	36	517	3.60	79	13	3	GRID B	7+00E	1+55N
4193	14	11	328	35	4355	1.2	102	94	740	8.46	20	12	3	GRID B	L7+00E	1+60N
4194	32	9	1301	90	3385	1.5	73	74	976	6.05	29	124	3	GRID B	L7+00E	1+60N
4195	17	12	249	11	3115	1.3	96	71	773	8.52	107	13	3	GRID B	L7+00E	1+60N
4196	22	10	463	44	5201	1.2	103	79	769	8.16	21	15	3	GRID B	L7+00E	1+60N
4197	11	9	418	30	9138	.9	89	67	619	8.28	13	13	3	GRID B	L7+00E	1+60N
4198	36	11	902	18	7022	2.3	233	180	517	15.29	101	15	3	GRID B	L7+00E	1+60N
4198	33													GRID B	L7+00E	1+60N
4199	15	7	1349	34	7216	1.8	78	47	450	7.62	17	12	3	GRID B	7+00E	1+60N
4199	12													GRID B	7+00E	1+60N
4200	13	9	1570	25	4975	1.7	84	52	436	8.48	33	8	3	GRID B	7+00E	1+60N

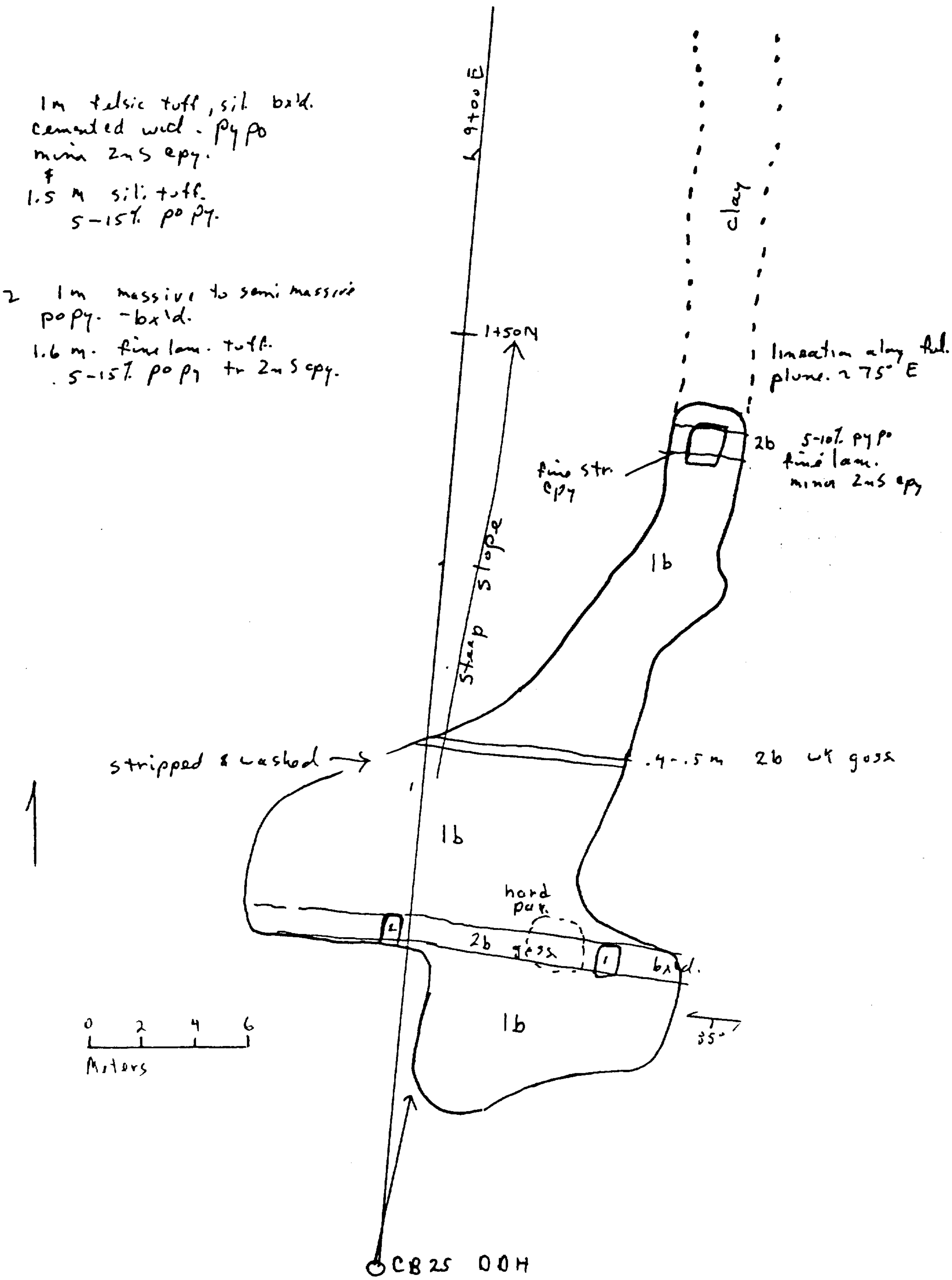

1+50 N
interbdd. minor py po zns cpy.
minor py po zns cpy
Chips
4251
4252
4253
Area washed by pressure pump.
2-3 cm 2b
rubble.
rubble
2-4 cm. cherty lam.
goss
heavy po zns tr cpy
goss. fine lam.
bx goss
Amp-bio-gar
bx gos.
gossanous
1+25 N
Chips
4417
4418
4419
4420
4221
4422
4423
0 2 4 6
Meters
1b
2b
1b-1f
2b goss.
2b goss
Trenching & Stripping Sketch
Grid B
L 8+50 E

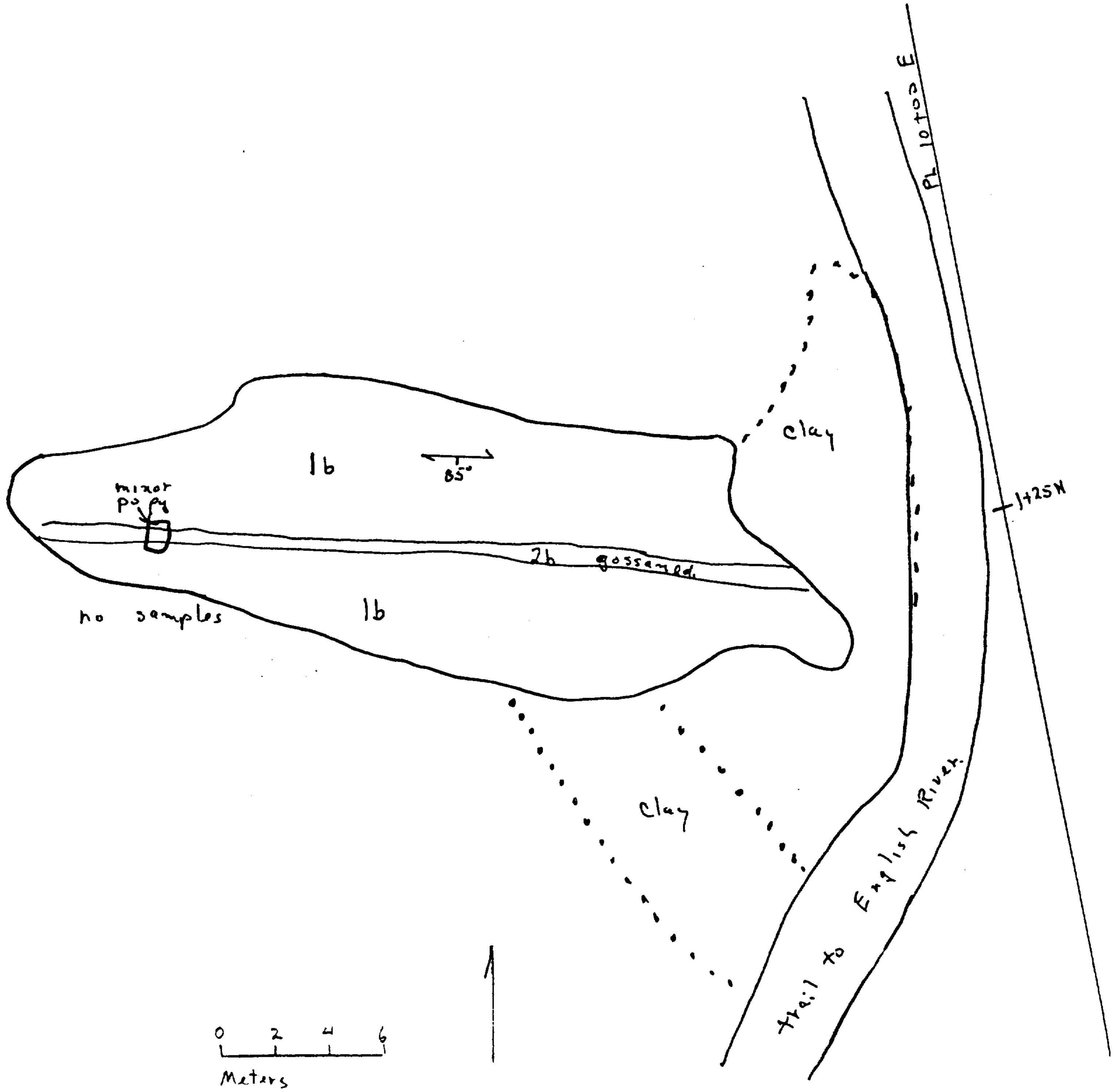

L 8+50 E
back hoe
9', no bedrock
1+50 N
2b interbandd.
1b
minor
py po zns cpy.
2b
1b
2b
minor py po zns cpy
Chips
4251
4252
4253

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4251	17	6	4864	26	2687	3.9	129	100	473	14.09	29	8	3	GRID B	8+50E	1+60N
4252	26	7	4221	34	3167	4	137	107	490	14.98	67	12	3	GRID B	8+50E	1+60N
4253	13	9	506	30	2344	3	201	166	741	17.39	40	13	3	GRID B	8+50E	1+60N
4417	17	6	810	79	5765	2.5	112	103	638	13.24	47	10	3	GRID B	8+50E	1~~0~~+50N 1+50
4418	14	8	672	66	5229	1.6	140	125	363	13.87	24	5	3	GRID B	8+50E	1~~0~~+50N
4418	15													GRID B	8+50E	1~~0~~+50N
4419	31	6	288	28	3823	.9	100	94	463	11.01	10	6	3	GRID B	8+50E	1~~0~~+50N
4420	21	6	1042	80	4081	1.5	104	98	455	11.89	51	7	3	GRID B	8+50E	1~~0~~+50N
4421	12	7	929	50	3684	1.4	114	106	484	12.70	18	8	3	GRID B	8+50E	1~~0~~+50N
4422	18	9	627	25	5572	1.1	118	106	683	12.04	16	10	3	GRID B	8+50E	1~~0~~+50N
4423	19	8	374	29	6429	1.4	126	116	340	14.09	114	11	3	GRID B	8+50E	1~~0~~+50N

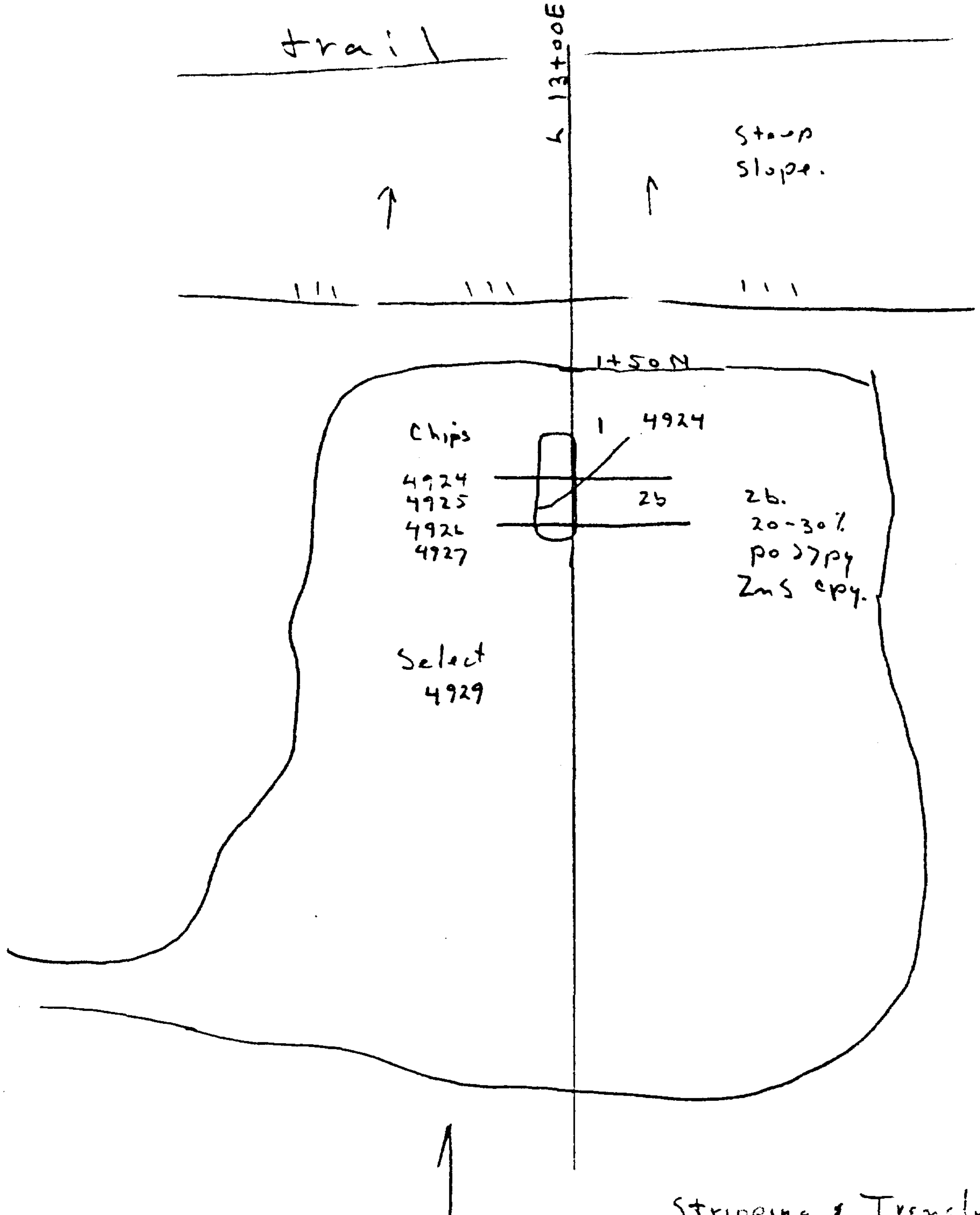
Pit 1 1m felsic tuff, sil. bx'd.
cemented w/ - py po
minor ZnS cpy.
&
1.5 m sili tuff.
5-15% po py.

Pit 2 1m massive to semi massive
po py. - bx'd.
1.6 m. fine lam. tuff.
.5-15% po py tr ZnS cpy.





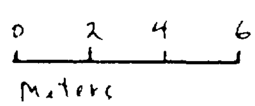
PL 10+00 E
clay
1b
85°
minor
po py
2b gossaned.
no samples
1b
1+25N
clay
trail to English River.
0 2 4 6
Meters



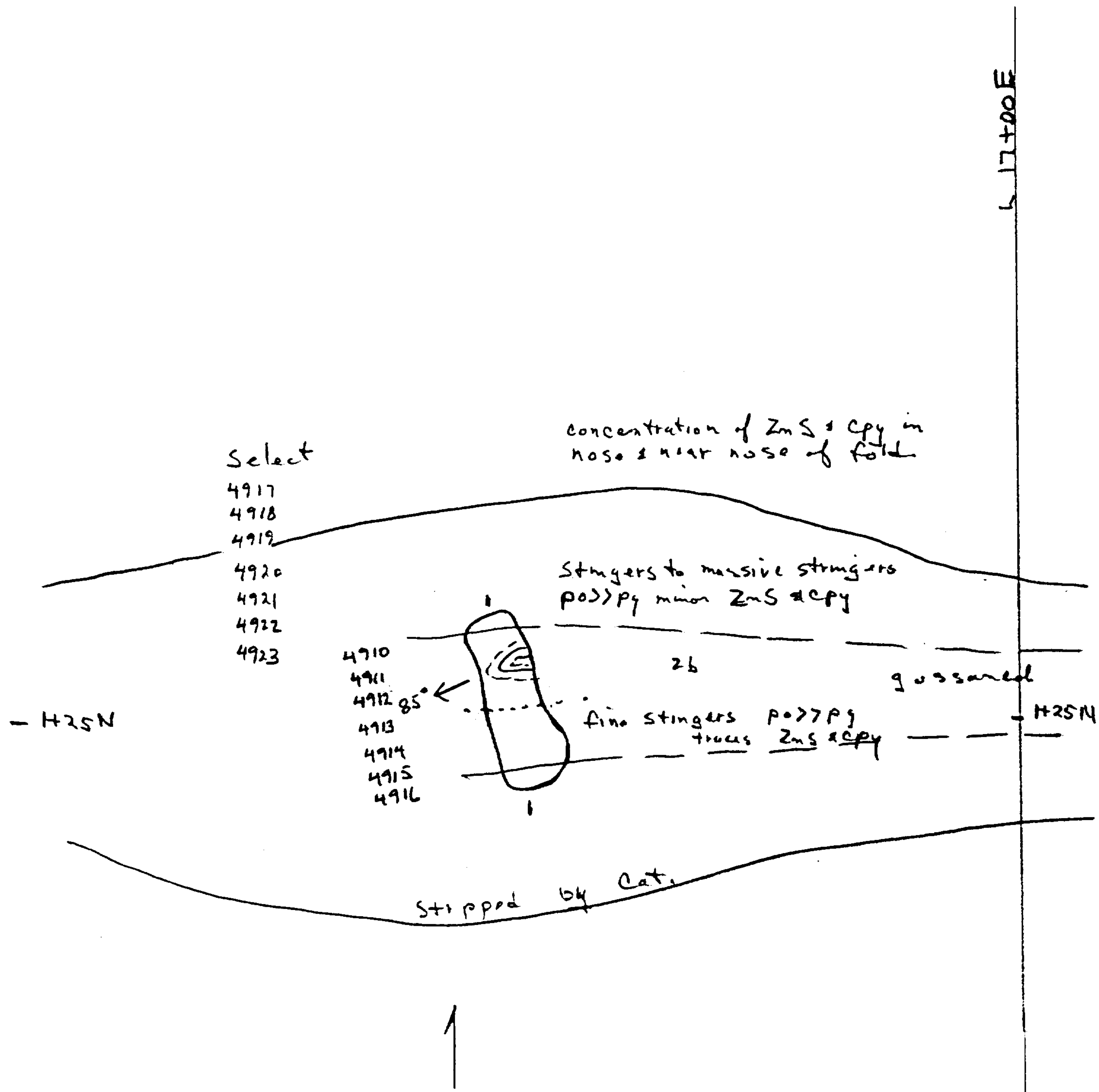
Stripping & Trenching Sketch

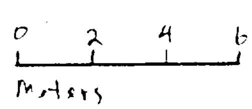
Grid B

Line 13+00 E



SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4924	29	8	327	14	3135	.5	83	76	440	15.28	47	2	5	GRID B	13+00E	1+45N	
4925	21	10	1190	24	3702	1.2	76	63	410	15.15	21	3	5	GRID B	13+00E	1+45N	
4926	21	8	555	24	2657	.4	70	70	566	12.96	22	7	5	GRID B	13+00E	1+45N	
4927	42	10	526	9	1646	.3	107	92	382	20.80	33	3	5	GRID B	13+00E	1+45N	
4928	21	11	1156	30	4707	1.2	80	85	458	14.79	65	8	5	GRID B	13+00E	1+45N	
4928	14													GRID B	13+00E	1+45N	
4929	94	8	980	22	2456	1.5	110	230	1286	21.16	8	2	5	GRID B	13+00E	1+45N	
4929	62													GRID B	13+00E	1+45N	





Stipping & Trenching Sketch

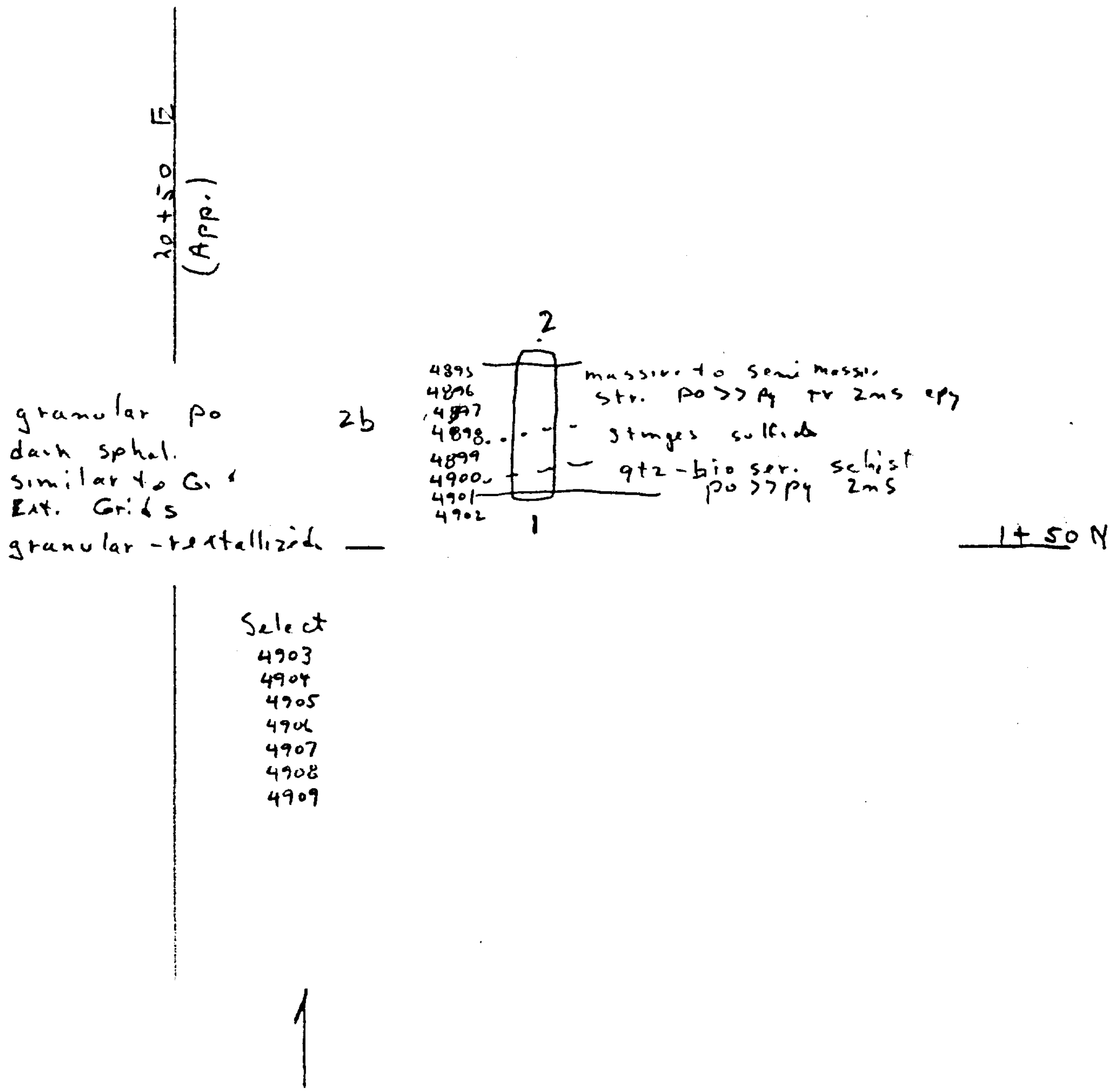
Grid B

Line 17+00E Area. (16+85E)

Sept. ,1991

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4910	7	5	272	2	1404	.3	71	72	523	15.74	9	2	5	GRID B	16+80E	1+75N	
4911	7	8	306	2	1325	.4	75	75	432	16.70	135	2	5	GRID B	16+80E	1+75N	
4912	7	5	161	2	1204	.2	59	51	569	12.02	15	2	5	GRID B	16+80E	1+75N	
4913	5	6	155	11	1550	1.1	57	50	577	10.96	39	5	5	GRID B	16+80E	1+75N	
4914	7	6	190	3	2211	.6	55	54	522	13.15	15	2	5	GRID B	16+80E	1+75N	
4915	5	6	244	6	2334	.4	68	54	458	14.06	100	2	5	GRID B	16+80E	1+75N	
4916	5	6	195	22	2411	1.1	41	39	500	6.30	30	2	5	GRID B	16+80E	1+75N	
4917	7	7	235	2	854	.5	67	59	573	13.94	5	2	5	GRID B	16+80E	1+75N	
4918	7	7	347	3	1567	.3	89	91	386	18.98	11	2	5	GRID B	16+80E	1+75N	
4919	14	9	369	8	2777	.3	128	140	537	24.74	59	3	5	GRID B	16+80E	1+75N	
4919	14													GRID B	16+80E	1+75N	
4920	7	7	314	2	1900	.2	74	64	627	13.47	55	2	5	GRID B	16+80E	1+75N	
4921	14	9	277	6	326	.3	142	139	361	25.63	6	5	5	GRID B	16+80E	1+75N	
4922	7	9	294	2	819	.2	182	104	480	20.61	19	2	5	GRID B	16+80E	1+75N	
4923	14	9	284	3	2673	.4	93	116	422	19.78	24	2	5	GRID B	16+80E	1+75N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4277	10	5	378	12	2771	.8	155	148	441	15.81	5	6	3	GRID B	19+00E	2+01N
4278	14	10	322	33	5211	1.3	239	260	449	22.54	46	10	3	GRID B	19+00E	2+01N
4279	9	9	645	37	3384	.9	141	131	371	15.04	17	2	3	GRID B	19+00E	2+01N
4280	34	9	2608	55	4405	1.6	130	112	277	12.42	23	2	3	GRID B	19-00E	2+01N
4281	13	10	217	46	434	3.3	434	468	245	24.77	25	15	14	GRID B	19+00E	2+01N
4282	11	12	624	35	20928	2.2	265	295	422	21.08	402	19	3	GRID B	19+00E	2+01N
4282	16													GRID B	19+00E	2+01N
4283	8	8	648	27	5867	1.3	136	121	555	13.21	24	4	3	GRID B	19+00E	2+01N
4284	37	8	961	36	5636	1.2	149	142	670	14.67	29	9	3	GRID B	19+00E	2+01N



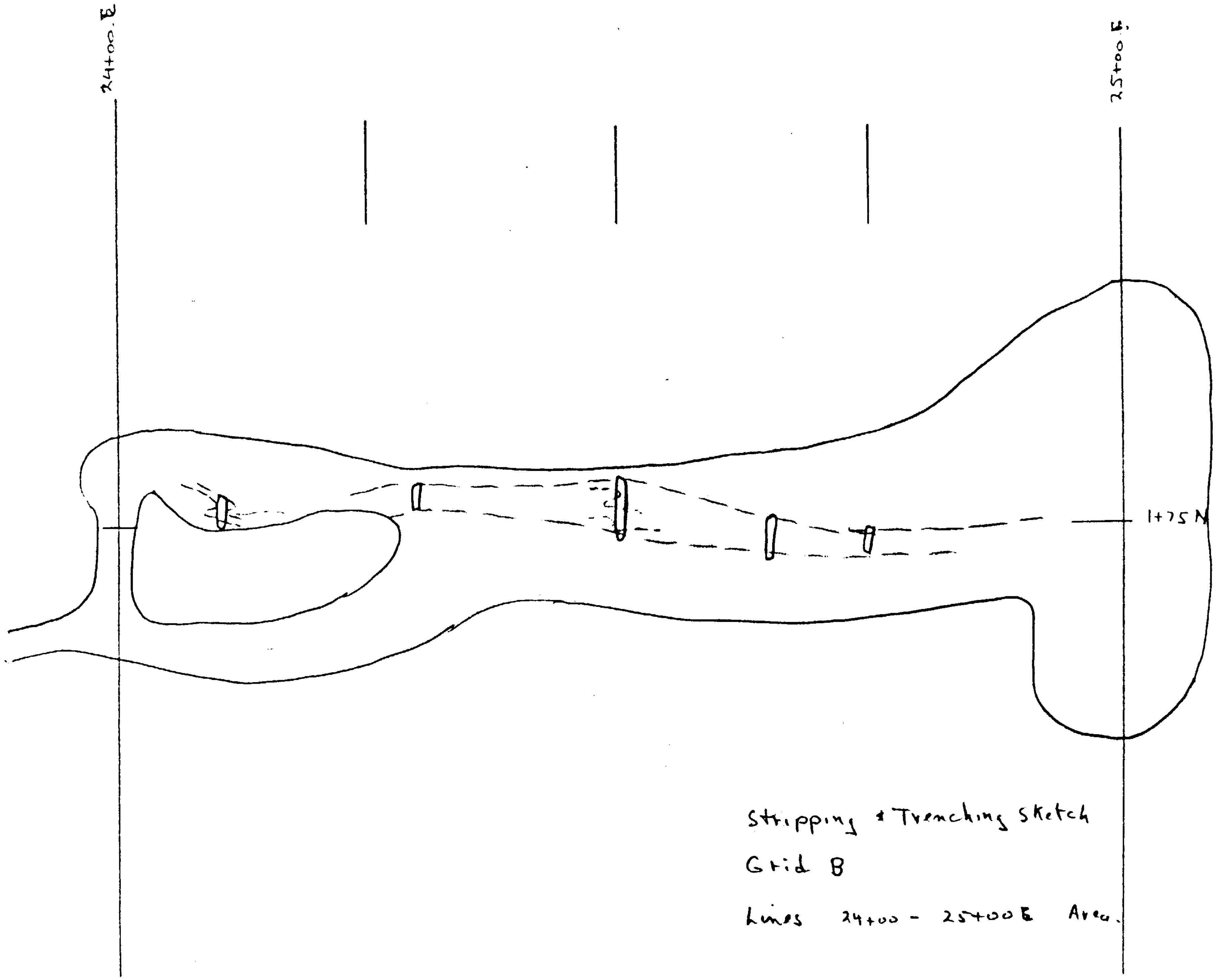
0 2 4 6
Meters

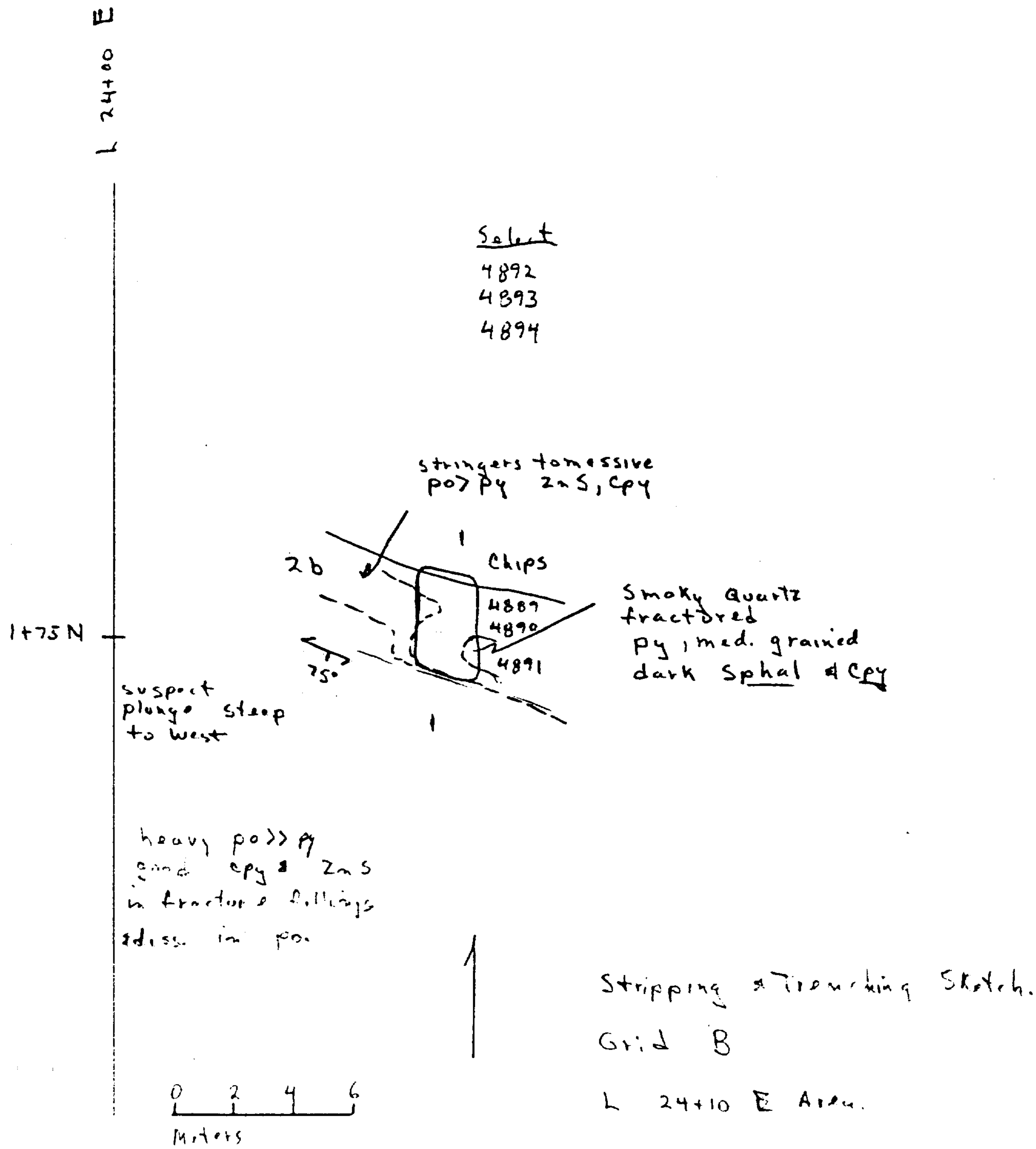
Stripping & Trenching sketch

Grid B

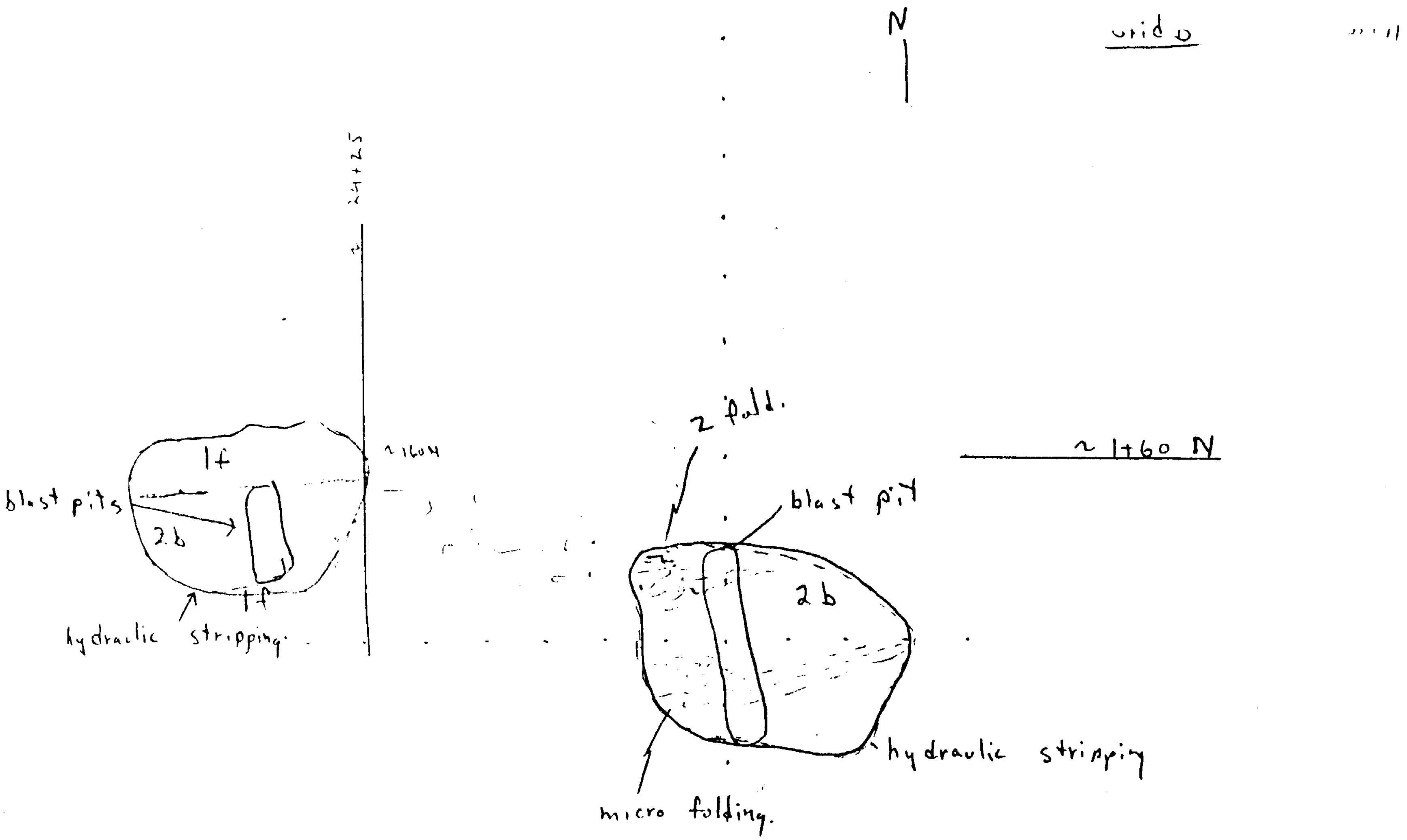
Line 20+60 Area

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPT
4895	5													GRID B	20+75E	1+75N	
4896	5	7	364	8	633	1.0	101	92	544	20.79	23	6	5	GRID B	20+75E	1+75N	
4897	10	9	332	14	1017	1.1	135	113	604	23.22	76	10	8	GRID B	20+75E	1+75N	
4898	5	9	339	9	2989	.8	111	94	738	20.85	28	5	5	GRID B	20+75E	1+75N	
4899	16	10	345	18	1094	1.8	118	110	784	22.92	35	11	16	GRID B	20+75E	1+75N	
4900	10	8	274	10	4927	.2	93	70	947	17.92	36	3	5	GRID B	20+75E	1+75N	
4901	10	9	358	19	2941	1.5	129	101	645	22.02	56	4	8	GRID B	20+75E	1+75N	
4902	10	6	259	6	1436	.1	66	66	696	16.31	12	2	5	GRID B	20+75E	1+75N	
4903	5	9	279	12	3615	.1	77	56	811	14.37	17	2	5	GRID B	20+75E	1+75N	
4904	5	6	161	11	934	.1	56	51	759	11.29	77	2	5	GRID B	20+75E	1+75N	
4904	5													GRID B	20+75E	1+75N	
4905	10	6	350	10	2472	.6	76	74	814	14.21	1218	2	5	GRID B	20+75E	1+75N	
4906	5	6	477	11	226	.7	149	152	336	27.88	12	2	5	GRID B	20+75E	1+75N	
4907	5	7	666	14	548	1.5	132	132	538	25.51	22	4	14	GRID B	20+75E	1+75N	
4908	10	8	522	25	265	3.2	158	178	309	30.44	109	12	32	GRID B	20+75E	1+75N	
4909	5	9	415	13	1735	2.6	108	95	767	20.06	34	6	26	GRID B	20+75E	1+75N	
4909	5													GRID B	20+75E	1+75N	

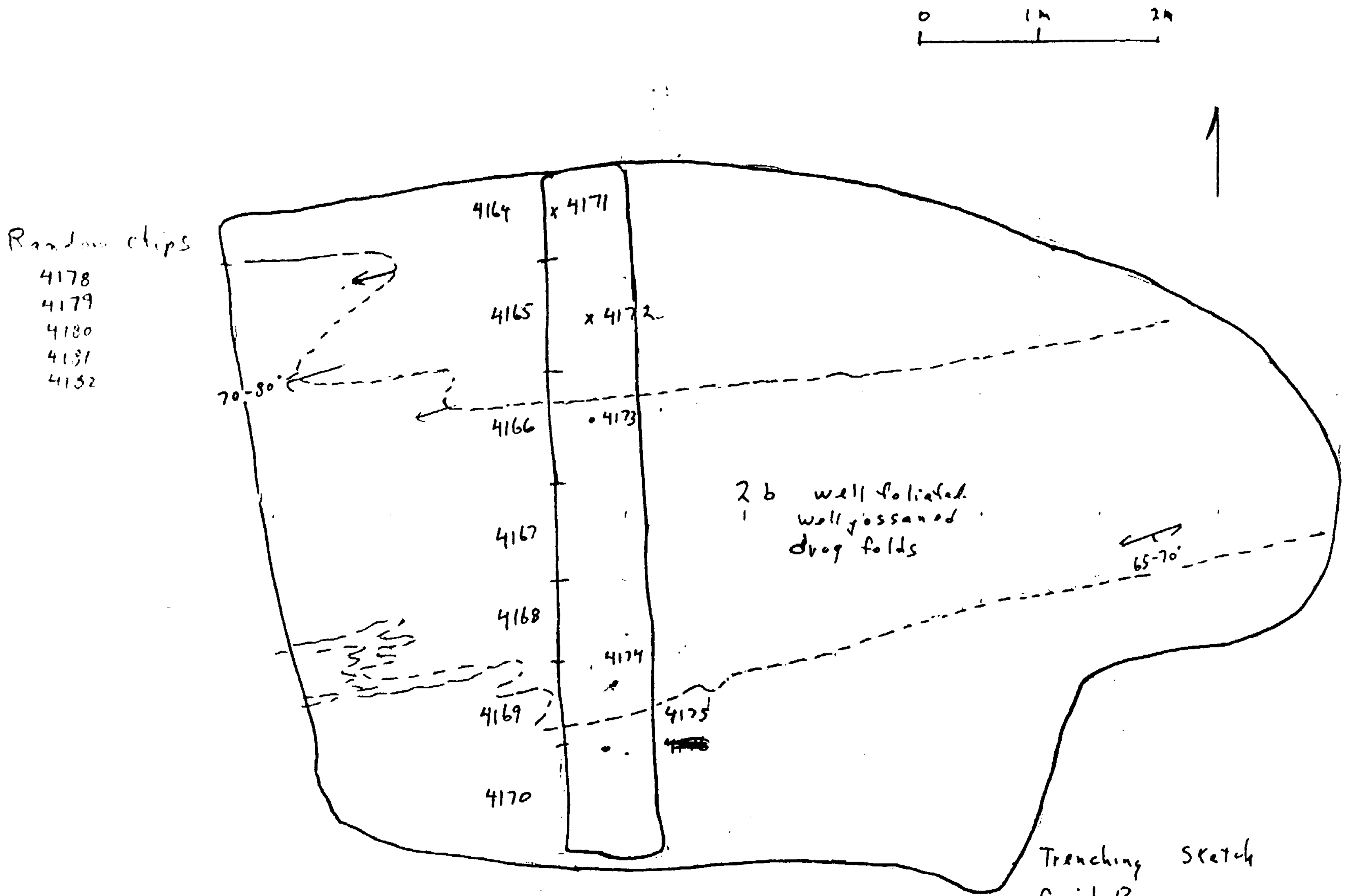

24+00 E
25+00 E
1+75 N
Stripping & Trenching Sketch
Grid B
Lines 24+00 - 25+00 E Area.


L 24+00 E
Select
4892
4893
4894
stringers to massive
po > py ZnS, Cpy
2b
Chips
4889
4890
4891
Smoky Quartz
fractured
py, med. grained
dark Sphal & Cpy
1+75N
75°
suspect
plunge steep
to west
heavy po >> py
good cpy & ZnS
in fracture fillings
& diss. in po.
0 2 4 6
Meters
Stripping & Trenching Sketch.
Grid B
L 24+10 E Area.

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4889	5	8	485	13	3524	.1	96	82	448	12.87	41	11	5	GRID B	24+10E	1+75N	
4890	5	8	413	16	4078	2.1	175	174	436	19.57	33	16	12	GRID B	24+10E	1+75N	
4891	5	5	489	3	5894	.8	163	162	294	17.97	33	9	5	GRID B	24+10E	1+75N	
4892	5	7	3420	2	14664	1.2	86	94	396	10.98	210	21	5	GRID B	24+10E	1+75N	
4893	5	7	354	10	1968	.1	111	95	447	15.93	44	8	5	GRID B	24+10E	1+75N	
4894	5	8	185	5	2350	.4	133	103	308	16.56	21	6	10	GRID B	24+10E	1+75N	



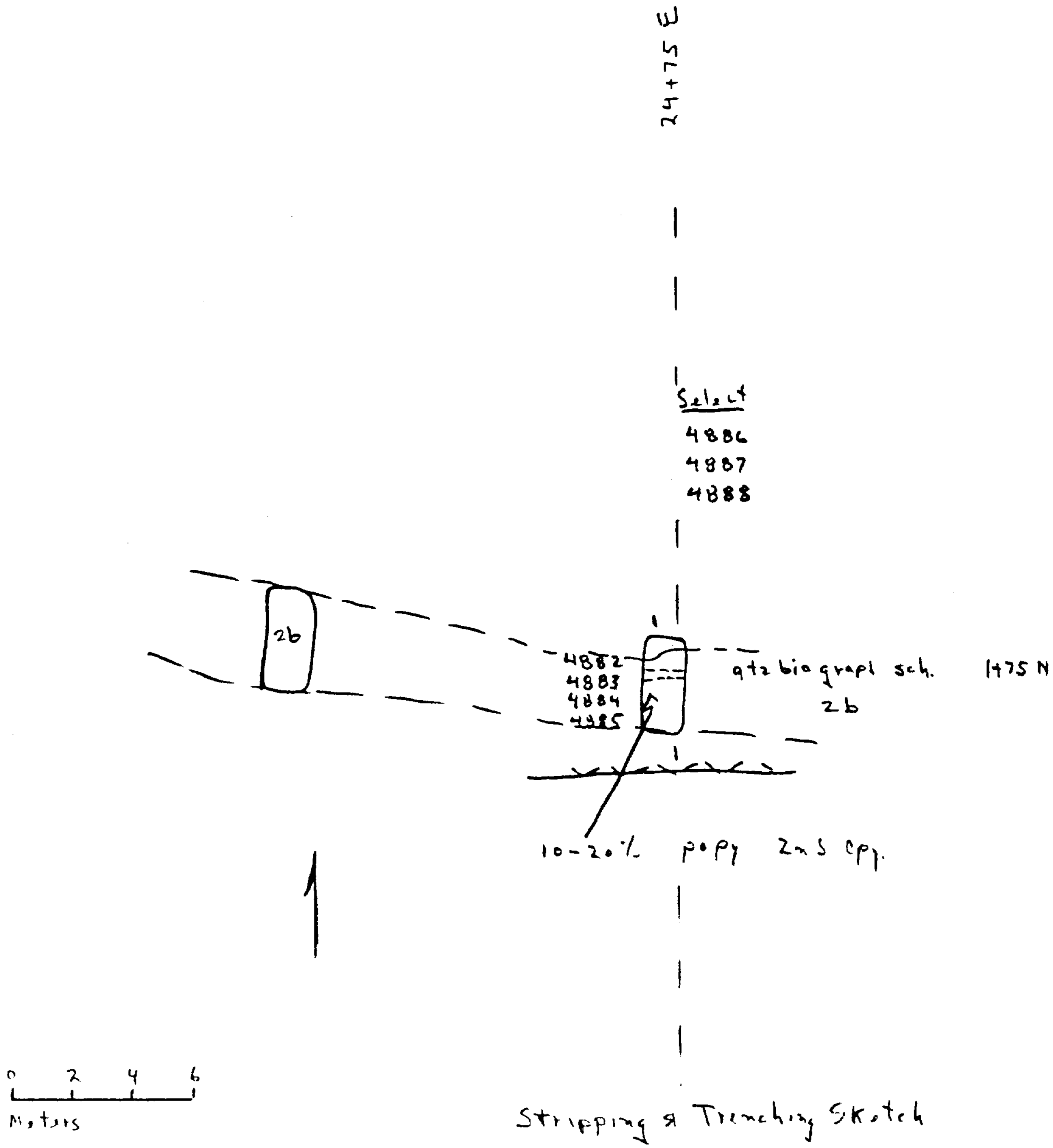
Grid B
~ 24+40 E
Stripping & trenching
June /91



Trenching Sketch
Grid B
24+40 E ; 1+60N
May 24, 1991

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4162	12	11	211	15	684	1.6	72	78	350	11.02	24	12	3	GRID B	24+50E	1+50N
4163	10	4	124	24	53	.8	49	49	106	3.84	32	8	3	GRID B	24+25E	1+60N
4164	10	13	350	46	4268	2.1	123	93	475	9.07	67	7	3	GRID B	24+40E	1+50N
4166	7	9	383	25	2078	1.5	94	77	557	9.26	20	8	3	GRID B	24+40E	1+60N
4168	6	7	414	25	1315	1.8	122	116	695	12.35	6	7	3	GRID B	24+40E	1+60N
4169	6	8	326	24	1454	1.7	150	156	557	14.97	26	4	3	GRID B	24+40E	1+60N
4170	7	11	392	26	4364	2.1	146	143	396	13.17	33	9	3	GRID B	24+40E	1+60N
4171	7	13	366	44	1785	1.6	127	92	453	9.16	45	8	3	GRID B	24+40E	1+60N
4174	7	15	274	30	10270	2.3	152	165	224	17.21	140	18	3	GRID B	24+40E	1+60N
4165	10	10	289	25	2995	1	93	66	376	8.26	24	5	3	GRID B	24+40E	1+60N
4167	7	8	165	12	923	1.1	131	104	466	11.35	16	5	3	GRID B	24+40E	1+60N
4172	8	7	656	12	1448	1.1	97	72	647	10.15	7	2	3	GRID B	24+40E	1+60N
4173	10	9	485	28	3987	1.3	96	59	438	7.07	33	7	3	GRID B	24+40E	1+60N
4175	10	9	598	14	4482	2.1	135	124	308	14.82	130	9	3	GRID B	24+40E	1+60N

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4178	10	16	627	35	5061	2.8	178	198	101	19.57	32	18	3	GRID B	L24-25	1+60N
4179	6	8	396	20	916	2	140	154	421	17.45	62	10	3	GRID B	L24-25	1+60N
4180	6	10	510	12	2331	2.5	149	112	455	11.73	8	3	3	GRID B	L24-25	1+60N
4181	10	9	403	81	4452	1.7	104	75	377	6.04	17	5	3	GRID B	L24-25	1+60N
4182	18	16	871	28	10720	2.5	188	186	491	13.76	104	11	3	GRID B	L24-25	1+60N

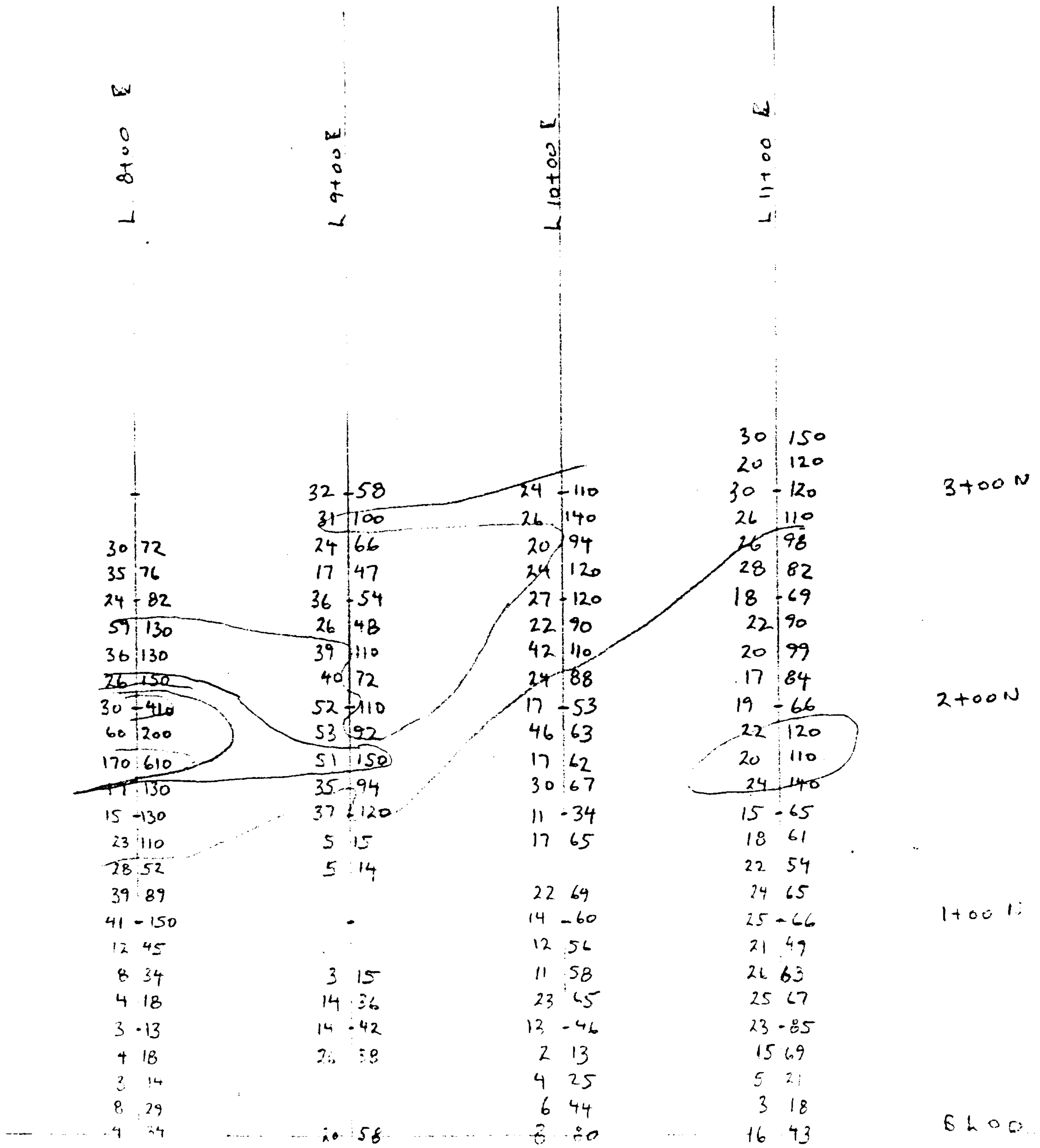


Stripping & Trenching Sketch
Grid B
Line 24+75 E Area.

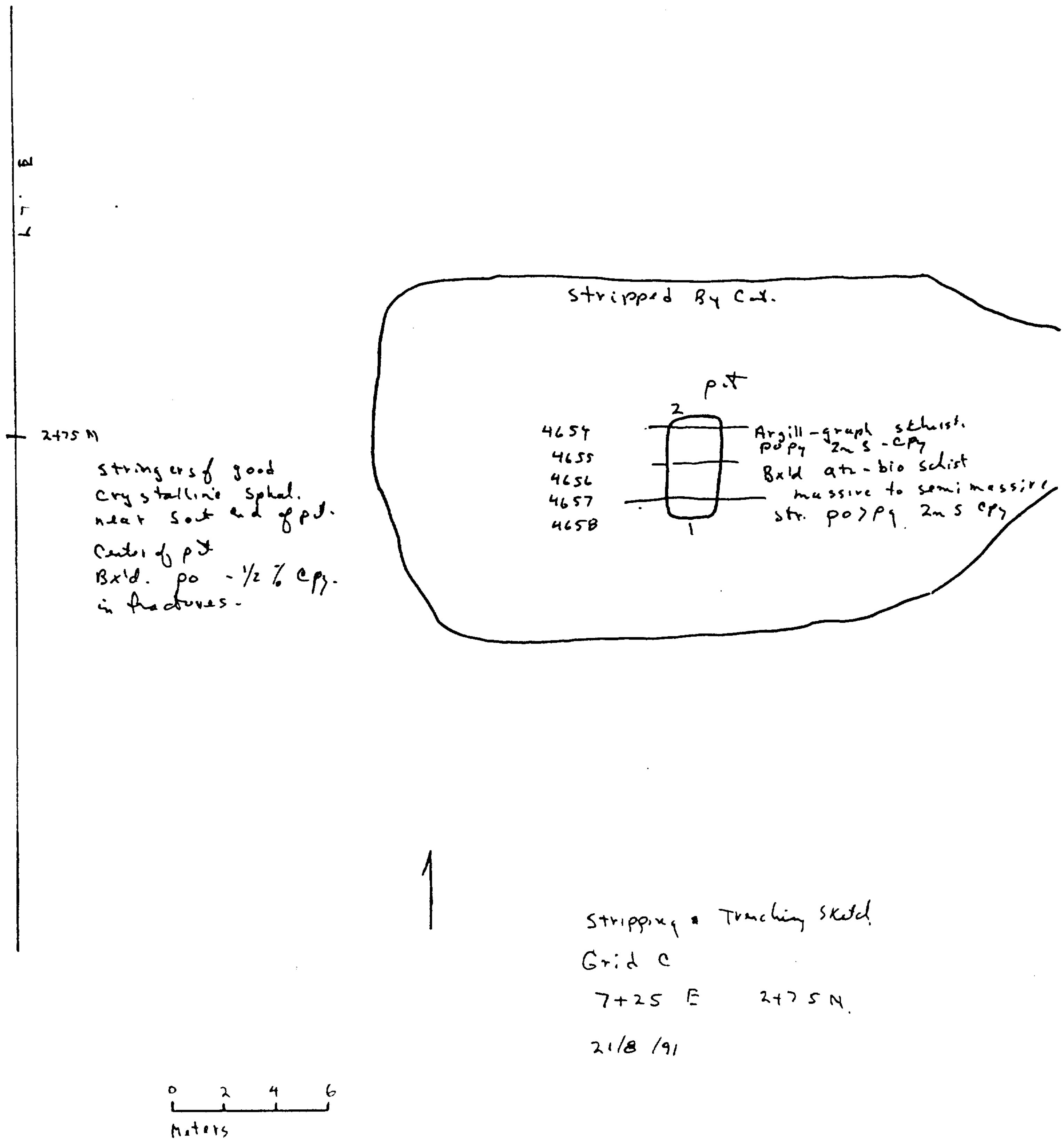
SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4882	5	10	327	24	2450	.4	115	103	298	14.12	110	2	5	GRID B	24+80E	1+75N	
4883	5	12	190	58	1584	.3	79	66	447	9.41	47	8	5	GRID B	24+80E	1+75N	
4884	10	9	730	33	2755	.8	126	110	385	14.35	132	2	5	GRID B	24+80E	1+75N	
4885	5	8	337	28	4122	.6	88	81	282	10.05	34	2	9	GRID B	24+80E	1+75N	
4886	10	9	1182	25	3526	1.6	86	76	379	11.45	90	2	8	GRID B	24+80E	1+75N	
[illegible]886	10													GRID B	24+80E	1+75N	
4887	5	8	302	18	2050	.1	101	87	138	12.43	54	3	5	GRID B	24+80E	1+75N	
4888	16	15	1235	53	19408	1.8	133	107	418	13.81	27	30	5	GRID B	24+80E	1+75N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4159	9	16	426	27	1895	1.4	140	166	266	18.24	92	13	3	GRID B	-24+00E	4+10N
4160	6	6	148	12	135	.3	51	43	124	4.14	25	9	3	GRID B	-24+00E	4+10N
4161	7	5	84	17	53	1	40	36	223	3.73	57	10	3	GRID B	-24+00E	4+10N

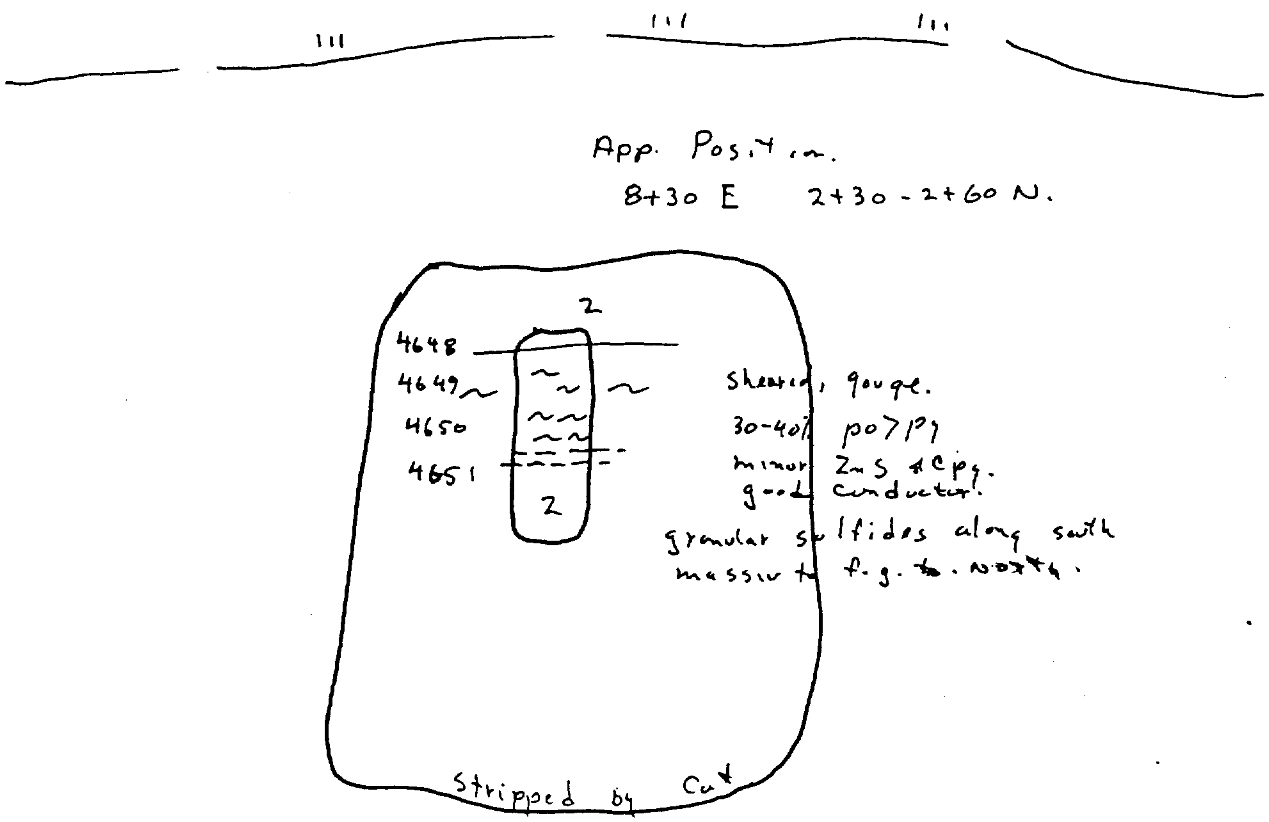
Surface chips



Grid B
Soil Samples
B Horizon


2+75 N
Stringers of good crystalline sphal. near South end of pit.
Centre of pit
Bx'd. po - 1/2 % cpy. in fractures.
Stripped By Cat.
pit
2
1
4654
4655
4656
4657
4658
Argill-graph schist.
po py Zn S - cpy
Bx'd qtz-bio schist
massive to semi massive
str. po>py. Zn S cpy
0 2 4 6
Meters
Stripping & Trenching Sketch
Grid C
7+25 E 2+75 N.
21/8/91

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4654	69	6	555	78	1430	1.2	100	172	1137	16.47	42	9	6	GRID C	7+25E	2+75N	
4655	5	7	1543	67	3729	2.1	119	271	676	20.05	22	17	3	GRID C	7+25E	2+75N	
4656	90	7	743	44	2226	2.0	119	181	1171	21.49	205	18	3	GRID C	7+25E	2+75N	
4657	69	7	446	23	8512	1.4	77	60	2467	14.25	102	36	3	GRID C	7+25E	2+75N	
4658	21	6	212	20	1832	.4	65	36	1473	8.22	19	2	5	GRID C	7+25E	2+75N	



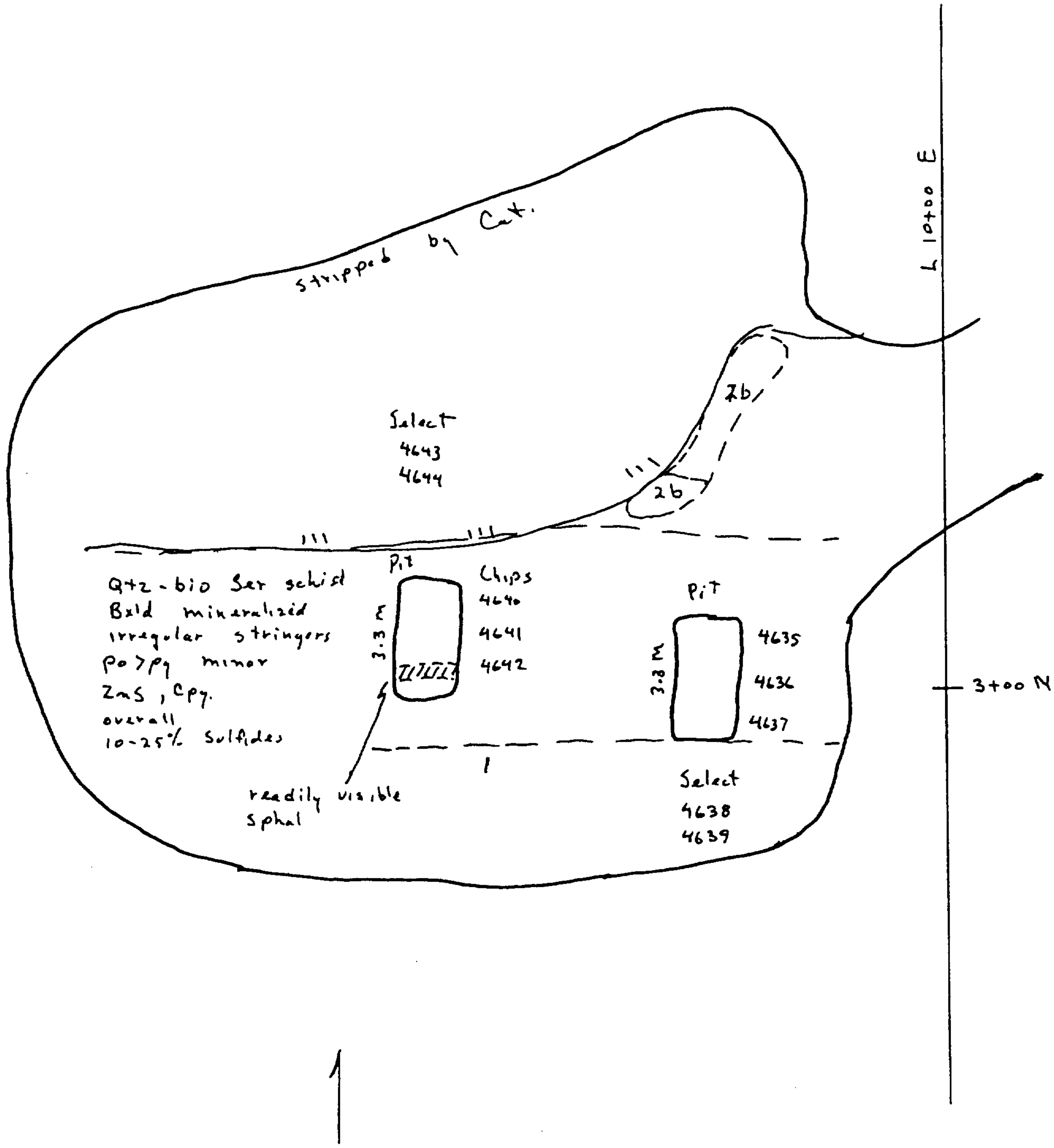
Select
4652
4653

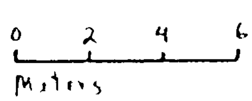
Stripping & Trenching sketch.
Grid C
App. 8+30 E 2+30 N

Aug. 20/91

0 2 4 6
Meters

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4648	5	4	84	9	1308	.7	85	40	1080	6.68	67	6	3	GRID C	8+30E	2+30N
4649	75	7	451	10	3517	.9	91	94	689	18.42	15	7	3	GRID C	8+30E	2+30N
4650	90	7	998	6	2311	1.9	114	93	1184	21.86	58	16	3	GRID C	8+30E	2+30N
4651	5	3	152	2	254	.1	34	22	570	6.75	33	3	3	GRID C	8+30E	2+30N
4652	80	5	956	13	2525	1.8	95	83	1673	19.90	19	15	3	GRID C	8+30E	2+30N
4653	90	4	219	2	490	.6	146	88	498	23.34	80	15	3	GRID C	8+30E	2+30N

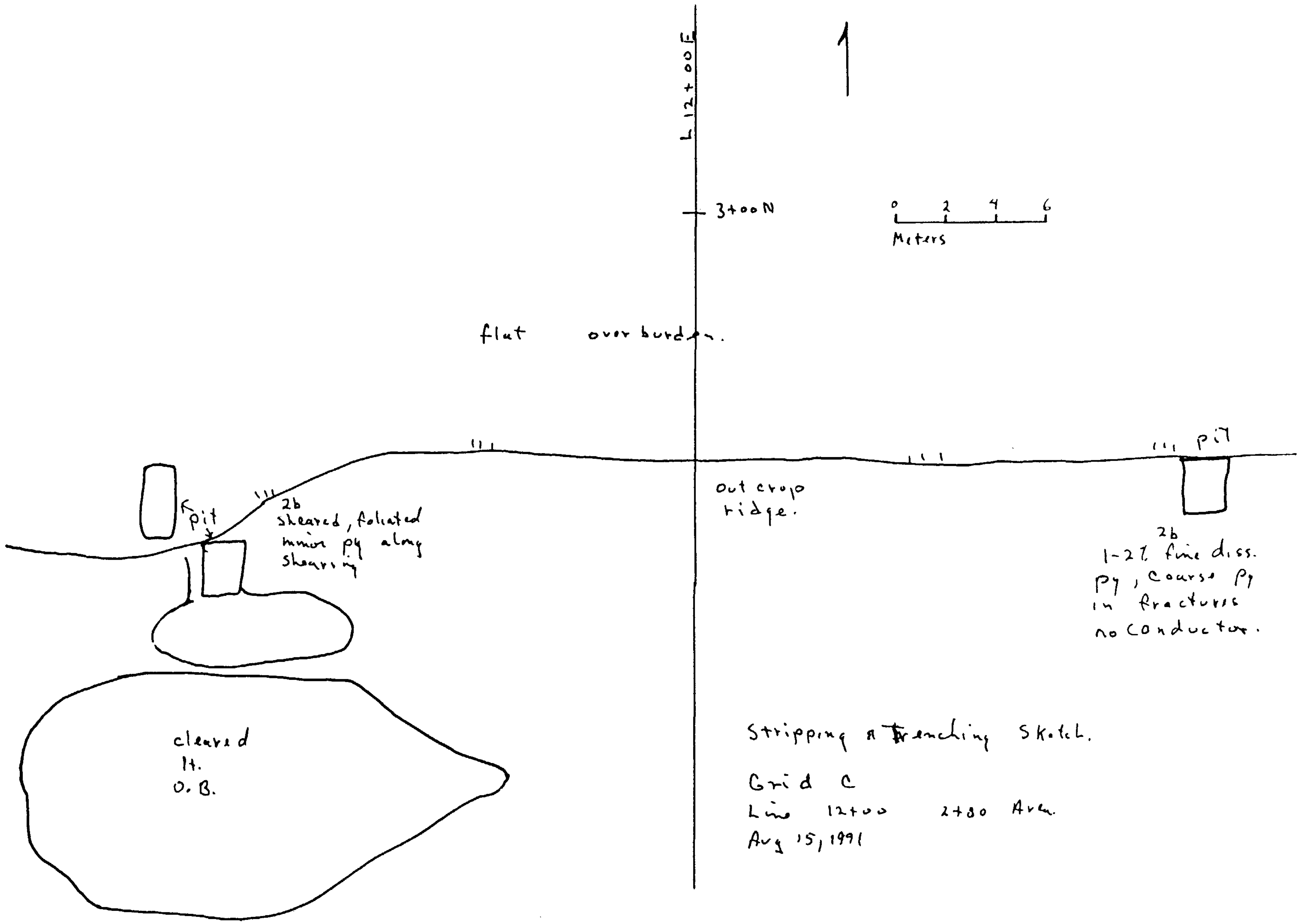


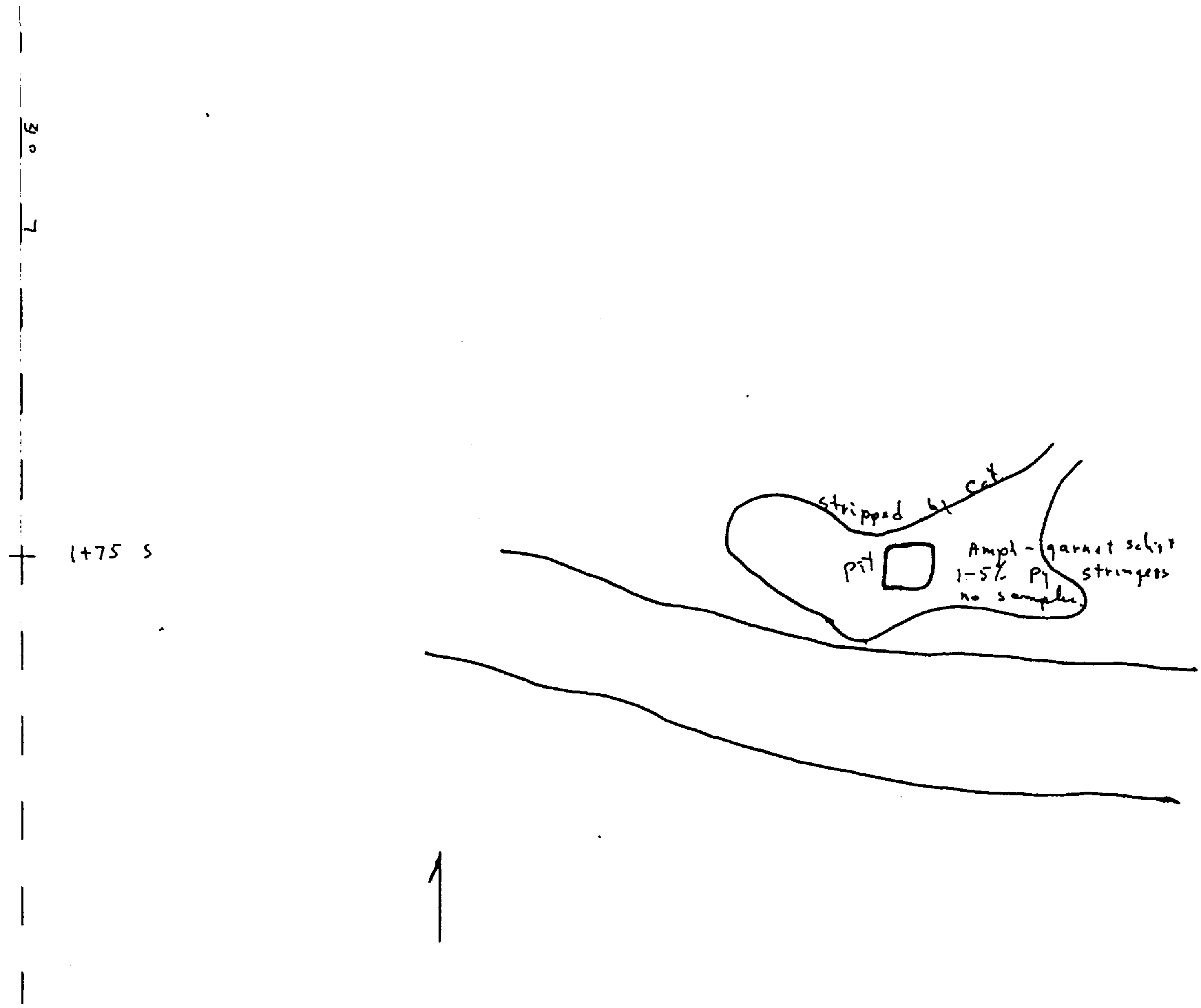


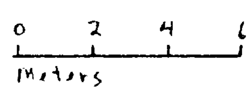
Stripping & Trenching Sketch.

Grid C
L 10+00 E 3+00 N
Aug 14/91

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4635	31	6	465	51	3103	1.5	91	61	746	12.10	35	3	3	GRID C	10+00E	3+00N
4636	16	6	704	39	3224	1.6	100	125	722	14.12	32	3	3	GRID C	10+00E	3+00N
4637	16	5	436	25	3473	1.7	92	140	562	13.74	44	3	3	GRID C	10+00E	3+00N
4638	26	7	583	34*	6719	2.4	118	245	967	17.51	86	3	3	GRID C	10+00E	3+00N
4638	21	7	563	34	6719	2.4	118	245	967	17.51	88	3	3	GRID C	10+00E	3+00N
4639	6	9	541	42	4303	2.8	123	349	848	18.17	15	3	3	GRID C	10+00E	3+00N
4640	21	8	862	36	2964	1.6	127	114	750	15.21	15	3	3	GRID C	9+880E	3+00N
4641	16	7	621	32	4223	1.8	120	154	895	15.53	24	3	3	GRID C	9+880E	3+00N
4642	31	7	597	42	5039	1.9	121	235	972	16.03	27	3	3	GRID C	9+880E	3+00N
4643	21	6	416	29	6742	1.7	107	99	1038	14.90	23	3	3	GRID C	9+880E	3+00N
4644	16	6	1747	35	3743	2.2	99	398	1218	15.32	86	3	3	GRID C	9+880E	3+00N
4644	21	6	1747	35	3743	2.2	99	398	1218	15.32	86	3	3	GRID C	9+880E	3+00N


L 12+00E
3+00N
0 2 4 6
Meters
flat over burden.
pit
2b
sheared, foliated
minor py along
shearing
out crop
ridge.
pit
2b
1-2% fine diss.
py, course py
in fractures
no conductor.
cleared
lt.
O.B.
Stripping & Trenching Sketch.
Grid C
Line 12+00 2+80 Area
Aug 15, 1991



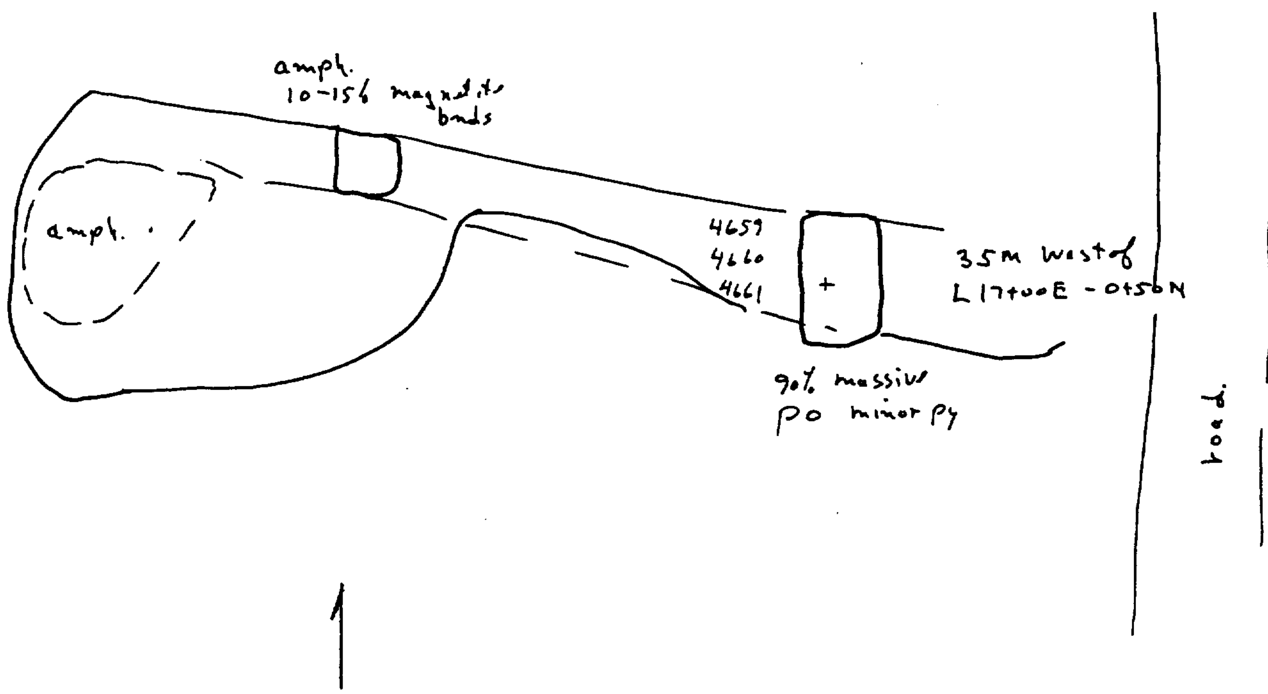


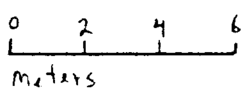
Stripping & Trenching Sketch.

Grid C

Line 12+29 E 1+75 S

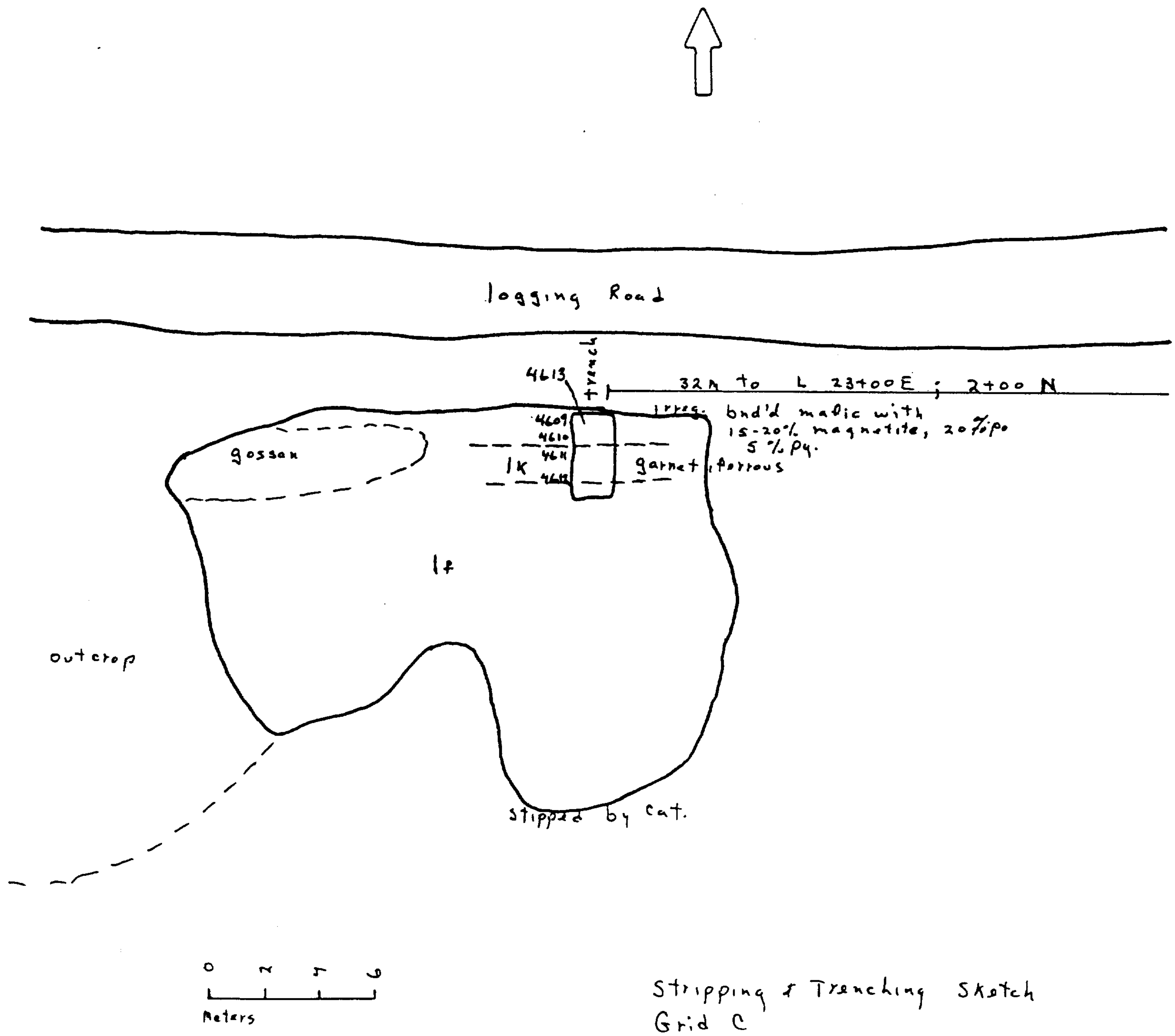
0+75 N





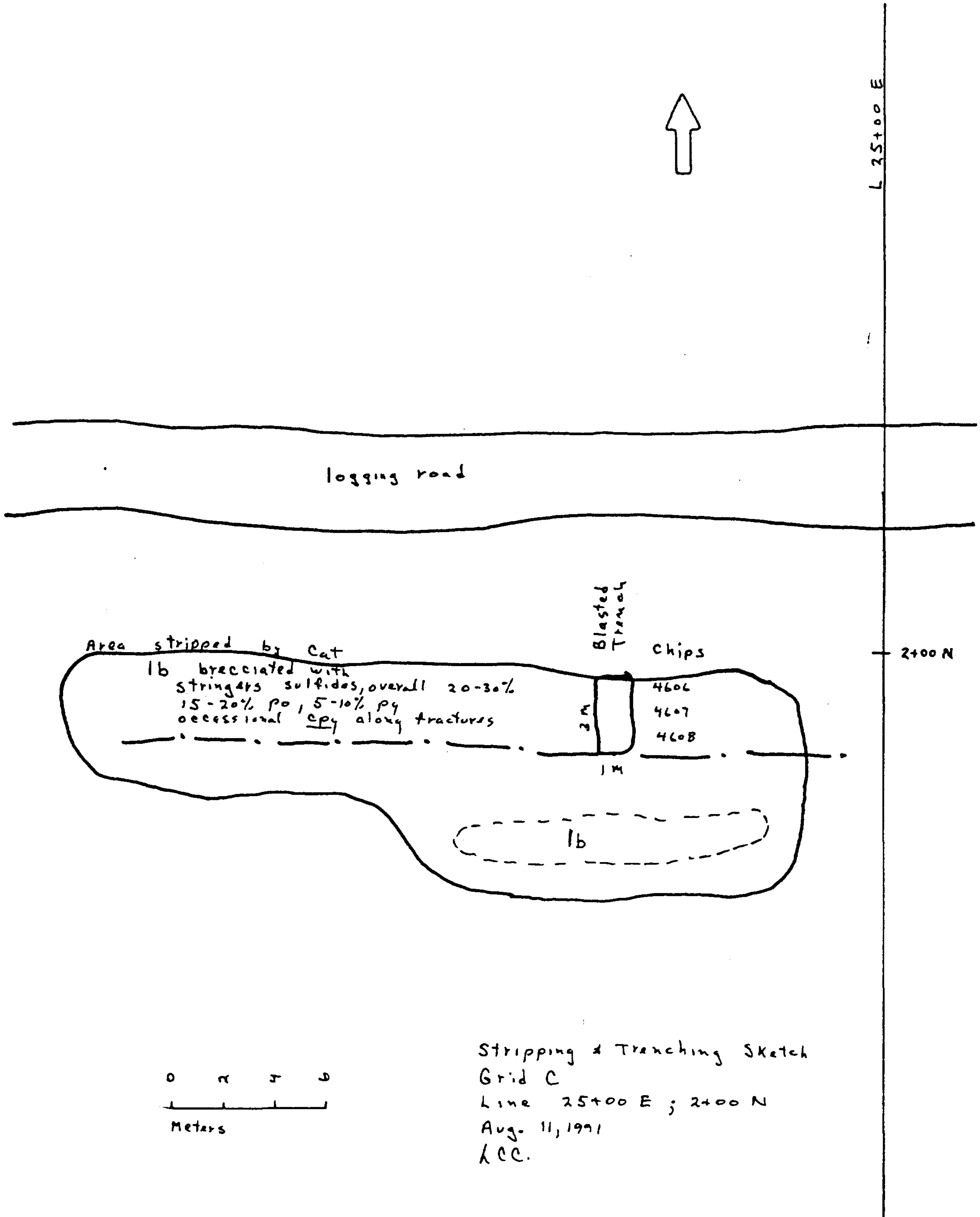
Stripping & Trenching Sketch
Grid C
16+65 E 0+50 N

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4659	39	2	197	6	174	.1	116	72	691	22.35	73	21	3	GRID C	16+65E	0+75N
4660	23	5	328	24	122	3	168	127	392	31.35	43	34	17	GRID C	16+65E	0+75N
4661	23	3	233	11	134	.7	113	85	619	26.15	46	28	3	GRID C	16+65E	0+75N



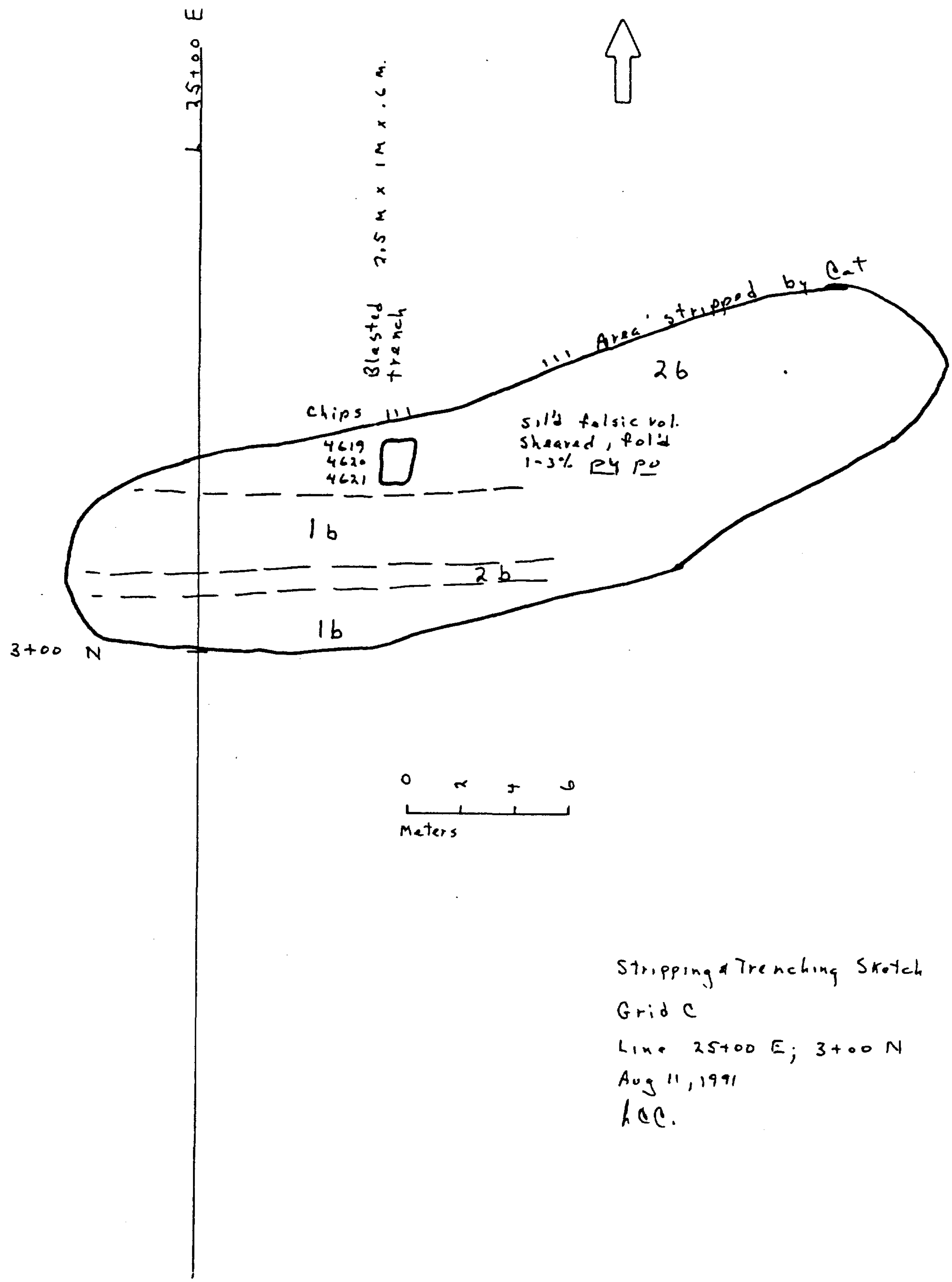
Stripping & Trenching Sketch
Grid C
Line 23+00E, 2+00N
Aug 11, 1991
LCC.

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4609	27	2	113	6	75	.2	74	28	1080	14.90	66	2	3	GRID C	22+68E	3+2
4610	16	.4	100	7	78	.4	91	40	1098	15.89	71	7	3	GRID C	22+68E	3+2
4611	12	2	58	2	42	.1	88	25	689	7.13	122	4	3	GRID C	22+68E	3+[illegible]
4612	9	1	62	2	27	1	76	24	733	6.70	79	3	3	GRID C	22+68E	3+2
4613	34	4	209	8	108	1	87	48	2212	19.61	33	3	3	GRID C	22+68E	3+2



Stripping & Trenching Sketch
Grid C
Line 25+00 E ; 2+00 N
Aug. 11, 1991
LCC.

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4607	16	2	154	2	45	.1	114	56	866	14.68	95	2	3	GRID C	25+00E	2+05N	
4608	12	2	143	2	44	.1	124	42	819	13.28	276	2	3	GRID C	25+00E	2+00N	
4609	20	2	113	6	75	.2	74	28	1080	14.90	66	2	3	GRID C	25+00E	2+00N	



Stripping & Trenching Sketch

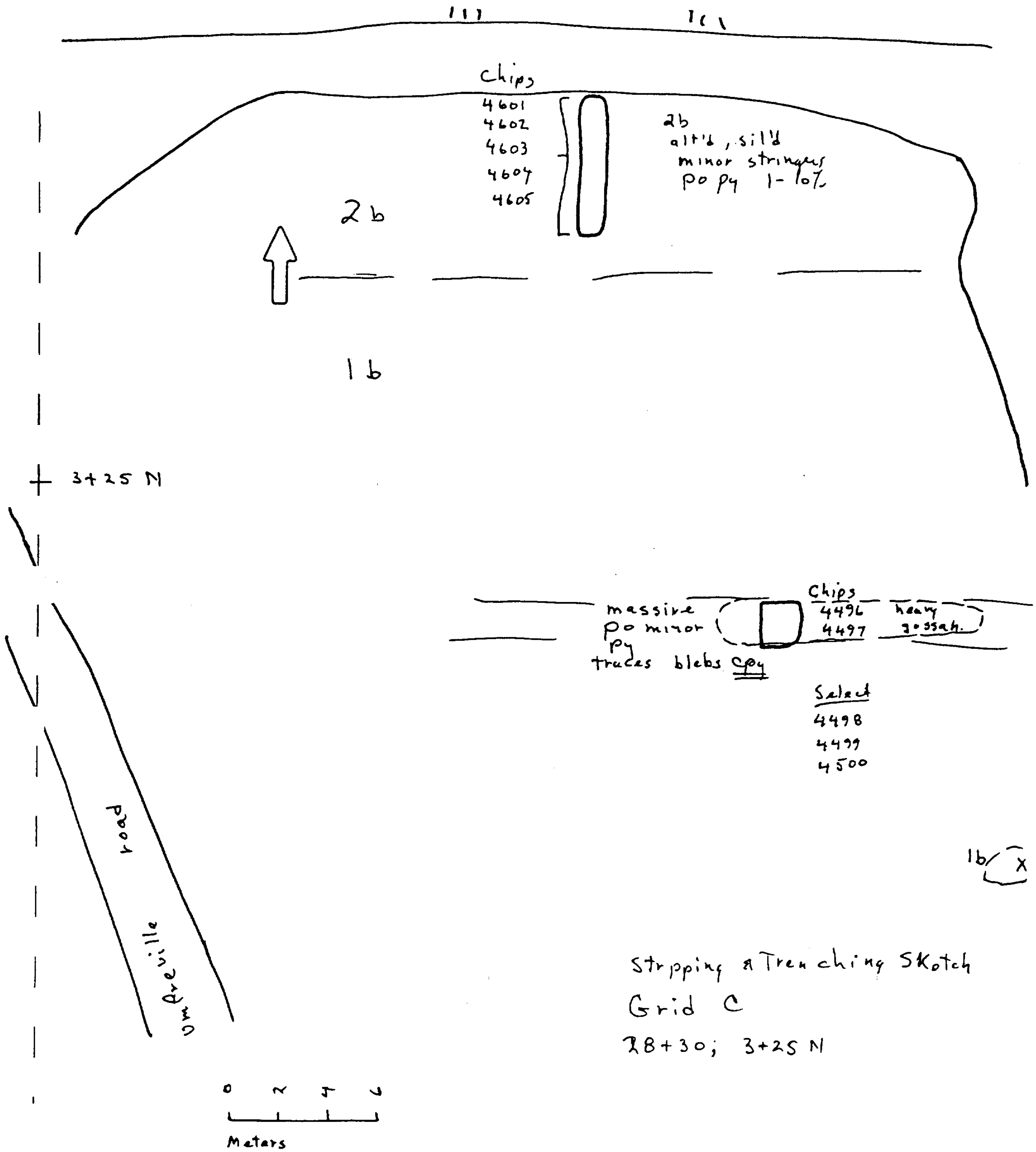
Grid C

Line 25+00 E; 3+00 N

Aug 11, 1991

LCC.

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe %	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
619	9	3	14	5	57	.1	25	9	169	2.18	26	2	16	GRID C	25+00E	3+15N	
4620	16	4	18	7	74	.1	34	10	334	3.16	65	2	13	GRID C	25+00E	3+15N	
.621	9	6	44	14	78	.4	41	14	294	4.00	26	3	9	GRID C	25+00E	3+15N	

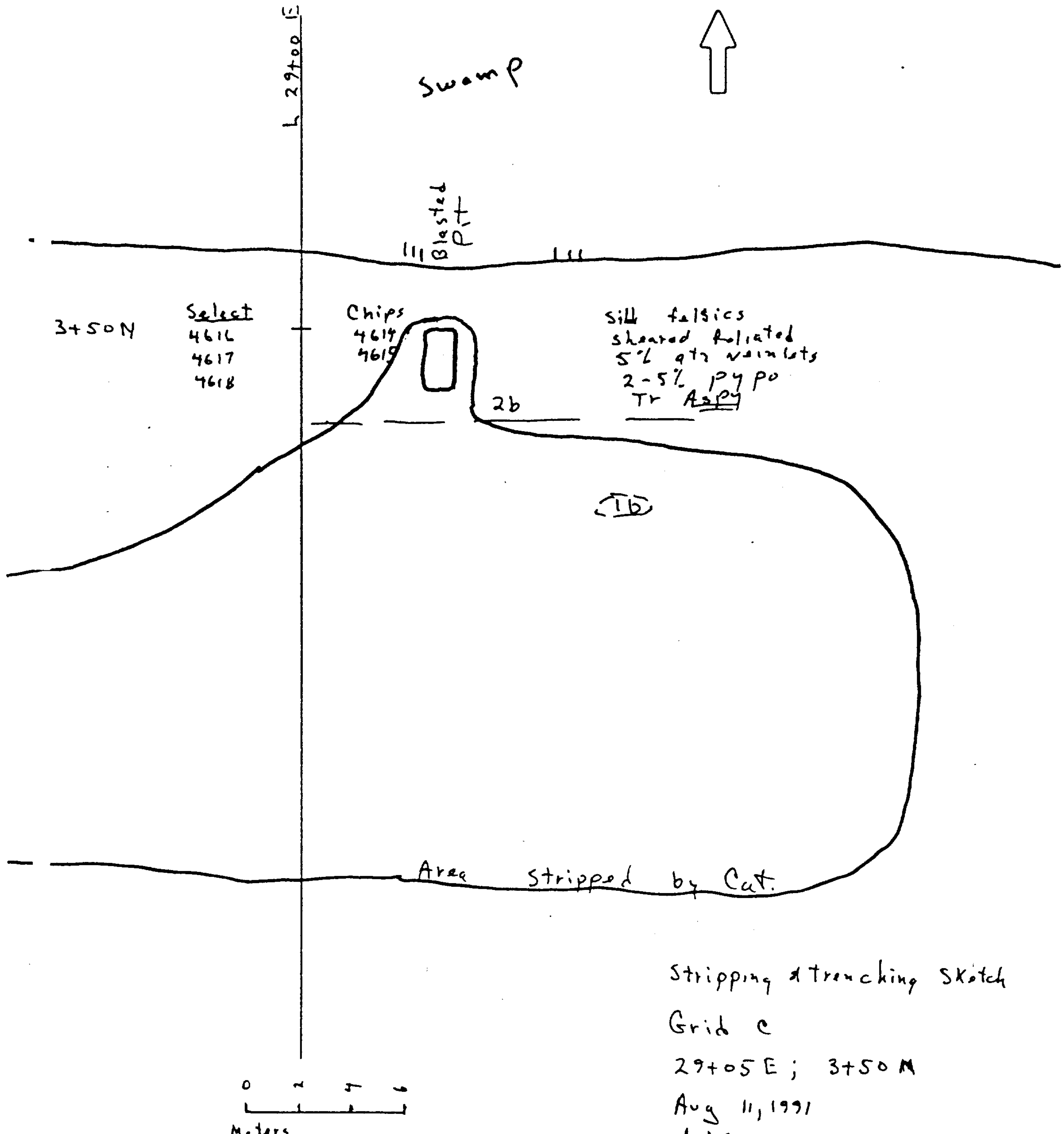


Stripping & Trenching Sketch

Grid C

28+30; 3+25 N

SAMPLE	[illegible]	W	[illegible]	Pb	Zn	Ag	Ni	Co	Mn	Fe %	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4601	5	4	159	17	146	.7	52	26	348	8.90	17	2	3	GRID C	28+23E	3+25N	
4602	5	4	95	20	207	.8	42	13	362	6.20	21	2	8	GRID C	28+23E	3+25N	
4603	9	3	168	8	125	.1	59	29	338	9.42	14	2	3	GRID C	28+23E	3+25N	
4604	9	4	151	13	132	.4	56	28	406	9.66	15	2	3	GRID C	28+23E	3+25N	
[illegible]05	5	2	203	2	164	.1	61	30	383	9.60	2	2	3	GRID C	28+23E	3+25N	
4495	16	6	707	10	163	1.8	113	94	191	24.75	26	7	3	GRID C	28+30E	3+75N	
4496	20	6	652	18	132	2.2	129	119	238	28.03	54	7	3	GRID C	28+30E	3+75N	
4495	12	6	652	18	132	2.2	129	119	238	28.03	54	7	3	GRID C	28+30E	3+75N	
4497	9	4	500	26	129	2.5	123	124	142	30.14	63	9	3	GRID C	28+30E	3+75N	
4498	12	6	964	21	372	1.6	115	106	167	26.79	17	6	3	GRID C	28+30E	3+75N	
4499	12	5	558	12	94	1.9	175	149	460	26.92	14	3	3	GRID C	28+30E	3+75N	
4500	20	6	1235	31	108	3.2	130	132	176	20.97	23	8	3	GRID C	28+30E	3+75N	



Stripping & trenching Sketch

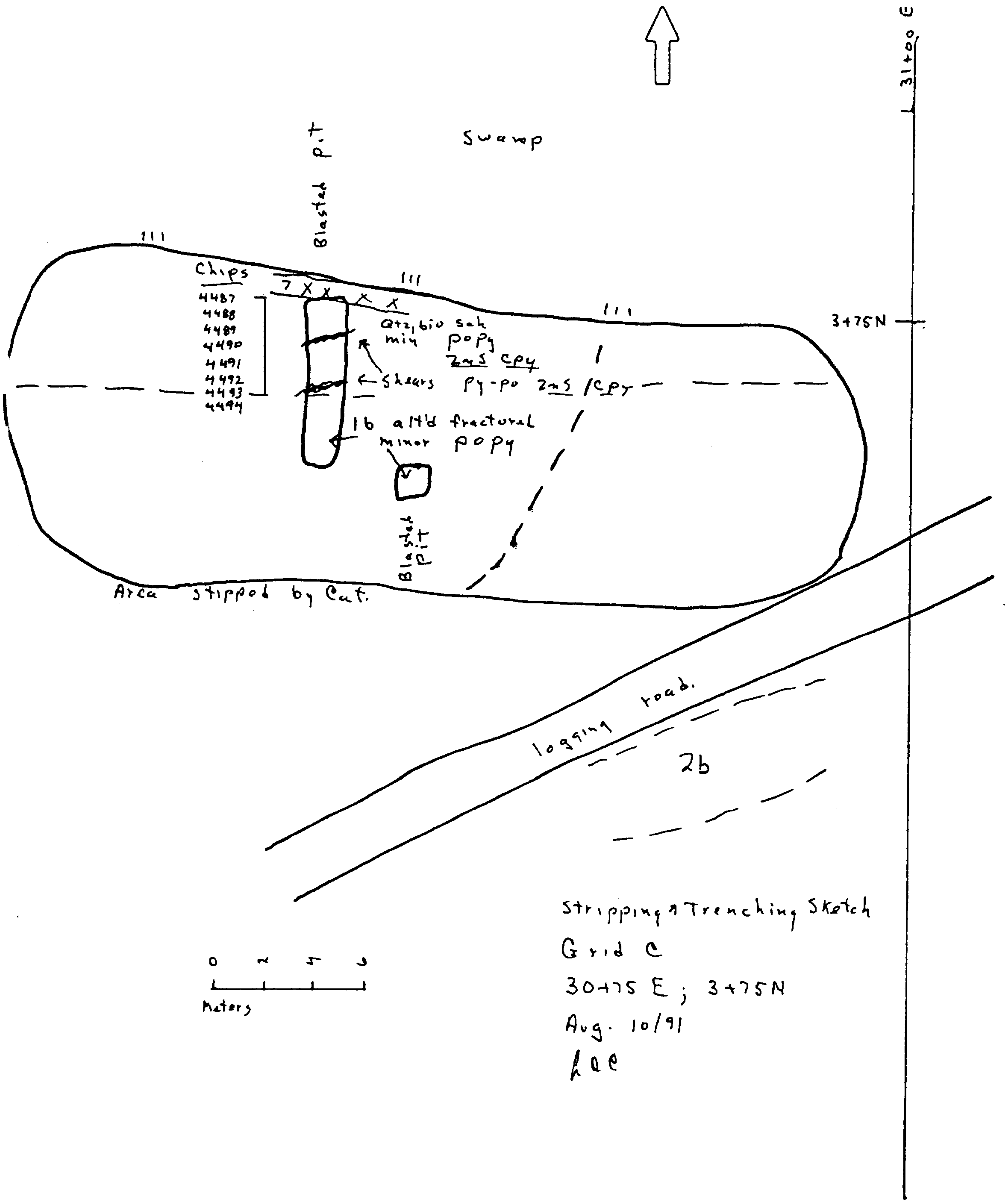
Grid C

29+05E; 3+50N

Aug 11, 1991

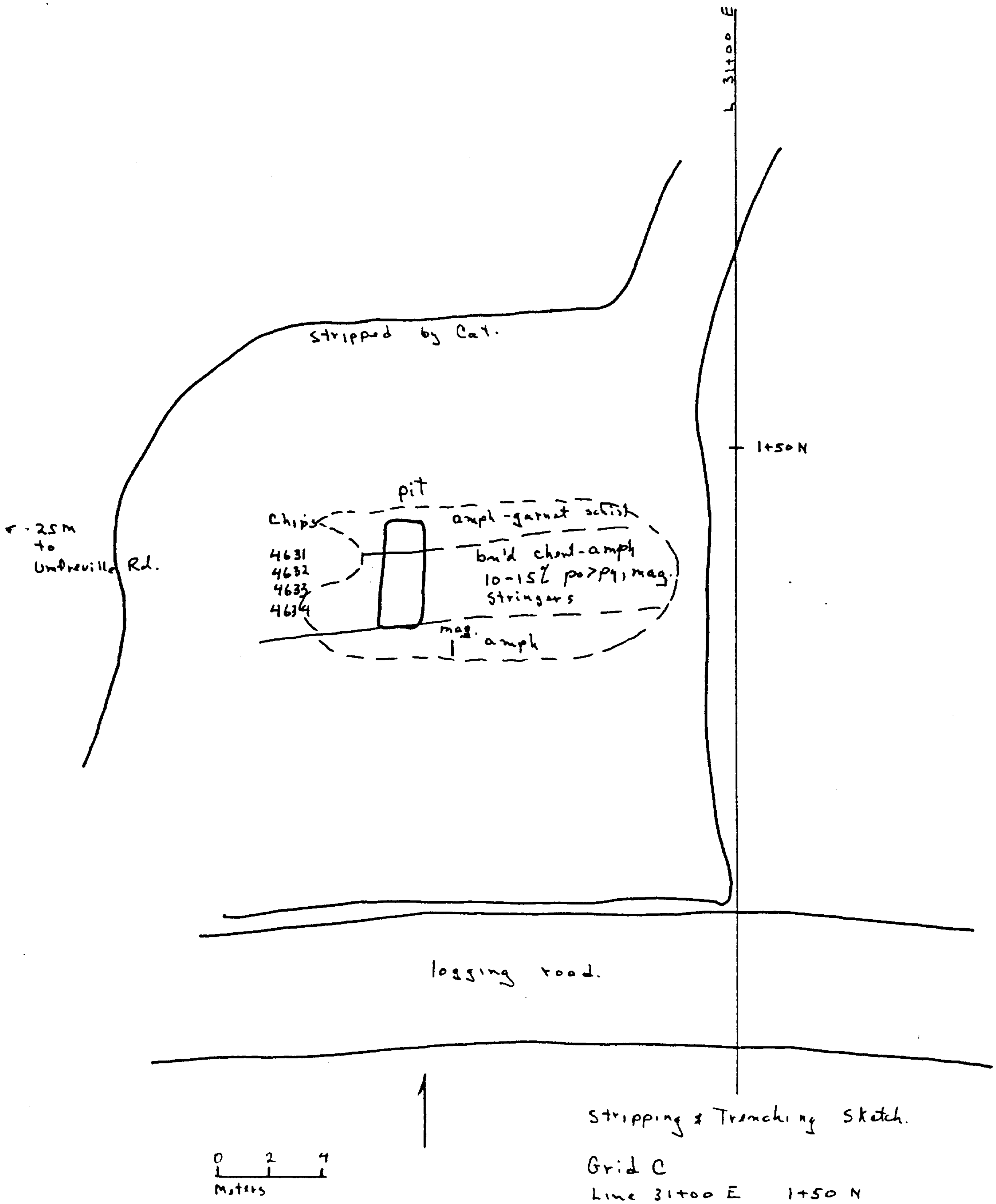
hee.

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe %	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4614	5	5	40	5	114	.1	23	12	275	2.08	179	3	18	GRID C	29+05E	3+50N	
4615	9	3	35	6	150	.1	30	12	235	1.79	359	2	14	GRID C	29+05E	3+50N	
4616	9	4	35	22	133	.1	29	10	191	1.34	563	2	16	GRID C	29+05E	3+50N	
4617	5	4	32	2	1506	.5	30	12	181	1.52	436	4	11	GRID C	29+05E	3+50N	
4618	9	2	36	10	522	.1	19	9	156	1.34	966	2	15	GRID C	29+05E	3+50N	
4619	12	2	35	10	522	.1	19	5	156	1.34	966	2	15	GRID C	29+05E	3+50N	



31+00 E
Swamp
Blasted pit
Chips
4487
4488
4489
4490
4491
4492
4493
4494
Qtz, bio sch
min popy
ZnS cpy
Shears
py-po ZnS / cpy
1b alt'd fractural
minor popy
3+75N
Blasted pit
Area stripped by Cat.
logging road.
2b
Stripping & Trenching Sketch
Grid C
30+75 E ; 3+75N
Aug. 10/91
Lee
0 2 4 6
Meters

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4487	5	8	211	9	746	.1	101	43	771	8.76	53	3	3	GRID C	30+75E	3+75N
4488	9	6	245	6	1369	.5	106	51	1068	12.48	24	3	3	GRID C	30+75E	3+75N
4489	5	6	267	9	723	.4	97	42	1023	11.08	19	2	3	GRID C	30+75E	3+75N
4490	20	8	224	7	754	.3	118	48	1311	11.63	22	2	3	GRID C	30+75E	3+75N
4491	12	8	284	7	2091	.5	119	55	1220	11.14	40	4	3	GRID C	30+75E	3+75N
4492	20	10	250	18	1758	1.3	189	118	1350	19.01	61	7	3	GRID C	30+75E	3+75N
4493	122	7	401	9	4950	.8	154	90	809	15.10	22	6	3	GRID C	30+75E	3+75N
4494	16	9	398	6	4658	.6	116	55	908	11.83	19	8	3	GRID C	30+75E	3+75N



Stripping & Trenching Sketch.

Grid C

Line 31+00 E 1+50 N

Aug 13/91

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4631	11	2	66	2	37	.1	59	12	538	6.99	19	3	3	GRID C	31+00E	1+50N
4632	11	4	51	2	40	.4	50	22	663	7.29	16	3	3	GRID C	31+00E	1+50N
4633	6	3	37	2	26	.6	34	9	835	10.04	162	3	3	GRID C	31+00E	1+50N
4634	11	3	32	2	20	.1	25	5	435	8	76	3	3	GRID C	31+00E	1+50N

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4677	148	6	231	2	949	.1	94	78	833	12.09	120	2	5	GRID C	34+25E	4+00N
4678	14	5	155	2	422	.1	63	40	521	8.40	72	2	5	GRID C	34+25E	4+00N
4679	8	6	161	2	1434	.1	68	36	722	9.35	91	2	5	GRID C	34+25E	4+00N

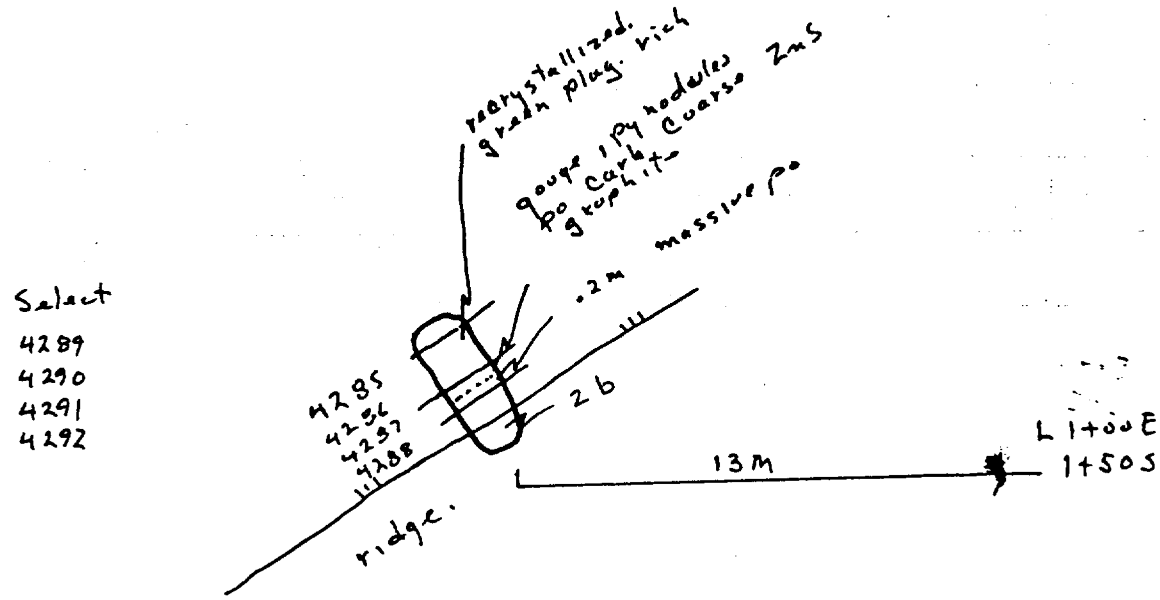
34+25 400N C No drainage

No Pt Sig.

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4622	5	4	41	4	586	.7	38	18	1592	8.18	14	2	3	GRID C	N.OFCONGL.	
4623	5	5	44	5	137	.4	49	18	1601	8.42	11	2	7	GRID C	N.OFCONGL.	
4624	5	5	37	3	516	.5	44	19	1439	7.61	48	2	11	GRID C	N.OFCONGL.	
4625	5	6	31	5	721	.4	43	17	651	7.26	50	2	5	GRID C	N.OFCONGL.	
4626	5	6	44	6	722	.9	52	24	574	9.36	22	2	4	GRID C	N.OFCONGL.	
4627	9	5	20	6	2155	.4	30	12	509	4.26	5	2	14	GRID C	N.OFCONGL.	
4627	12	5	20	6	2155	.4	30	12	509	4.26	5	2	14	GRID C	N.OFCONGL.	
4628	5	6	22	2	2770	.8	39	17	482	5.19	11	2	12	GRID C	N.OFCONGL.	
4629	16	6	166	23	123	4.5	93	80	386	26.27	50	5	6	GRID C	N.OFCONGL.	
4630	12	11	37	2	1547	.4	50	24	686	6.99	6	2	11	GRID C	N.OFCONGL.	
4630	30	11	37	2	1547	.4	50	24	686	6.99	6	2	11	GRID C	N.OFCONGL.	

No Drawing

1

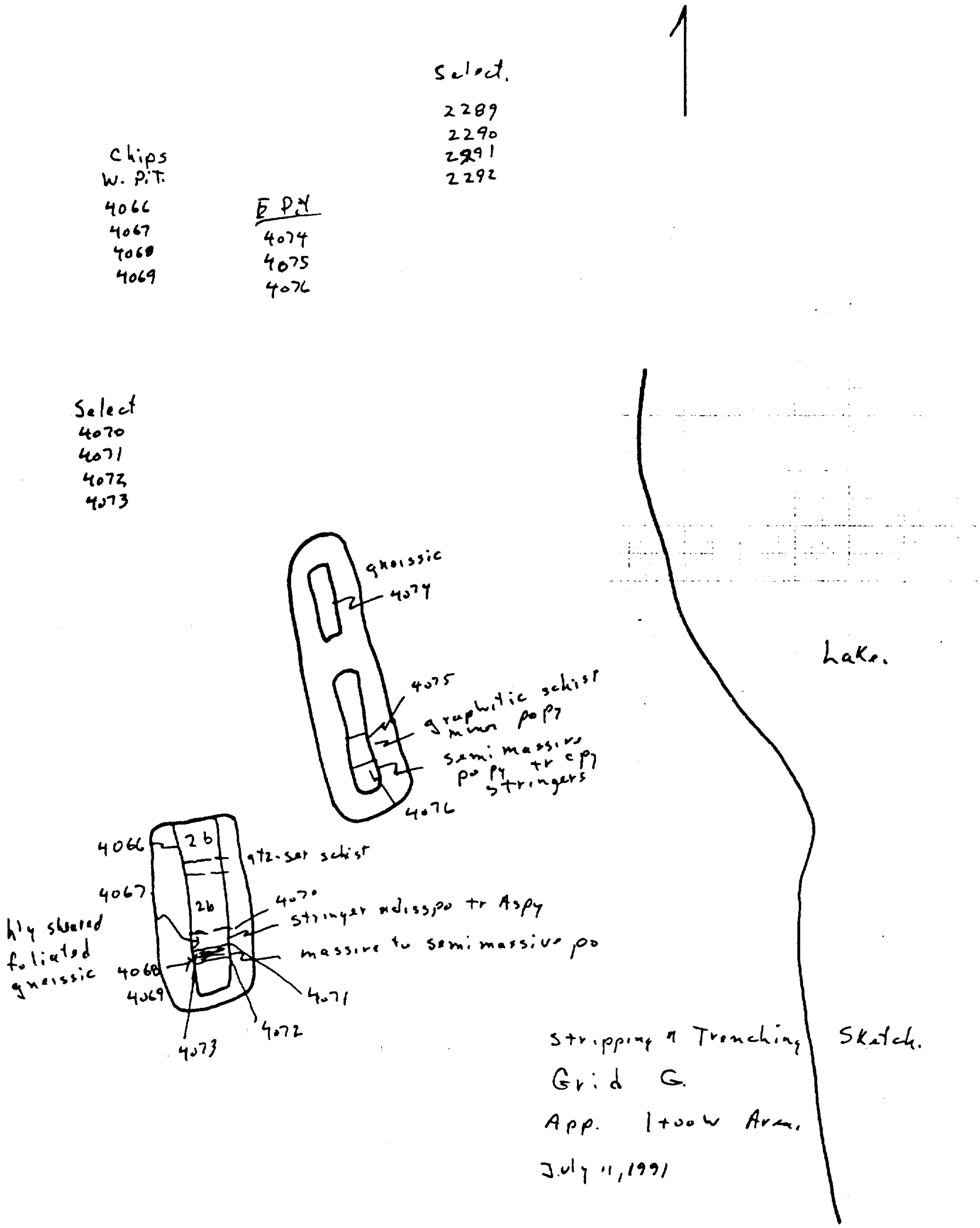


Trenching Sketch.
Grid G
L 1+00 E ; 1+50S
June 20, 1991

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4285	6	7	159	21	270	1	59	59	1162	19.83	25	7	7	GRID G	0+77E	1+50S
4286	6	8	154	31	4367	.9	72	90	2536	24.63	24	17	20	GRID G	0+77E	1+50S
4287	15	6	124	12	504	.3	52	47	1489	17.35	30	7	3	GRID G	0+77E	1+50S
4288	5	2	24	6	78	.1	23	9	1018	3.69	6	2	3	GRID G	0+77E	1+50S
4289	7	9	183	35	1037	1.6	65	82	1695	23.39	17	17	12	GRID G	0+77E	1+50S
4290	7	3	60	4	111	.5	33	20	1213	9.90	9	2	3	GRID G	0+77E	1+50S
4291	6	5	67	2	68	.3	37	27	606	12.44	43	2	3	GRID G	0+77E	1+50S
4291	7													GRID G	0+77E	1+50S
4292	5	5	53	2	51	.1	29	15	252	7.17	2	2	3	GRID G	0+77E	1+50S

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
~~4291~~	~~6~~	~~5~~	~~67~~	~~2~~	~~68~~	~~.3~~	~~37~~	~~27~~	~~606~~	~~12.44~~	~~43~~	~~3~~	~~3~~	~~GRID G~~	~~0+50E~~	~~1+50S~~
~~4291~~	~~7~~													~~GRID G~~	~~0+50E~~	~~1+50S~~
~~4292~~	~~5~~	~~5~~	~~53~~	~~2~~	~~51~~	~~.1~~	~~29~~	~~15~~	~~252~~	~~7.17~~	~~2~~	~~2~~	~~3~~	~~GRID G~~	~~0+50E~~	~~1+50S~~
4293	9	7	137	13	304	1	63	62	281	18.84	62	6	3	GRID G	0+50E	1+50S
4294	10	4	75	2	4295	.4	56	49	1487	14.55	66	6	3	GRID G	0+50E	1+50S
4295	7	7	112	7	911	.2	59	52	526	16.44	152	5	3	GRID G	0+50E	1+50S

Diagram


Chips
W. Pit
4066
4067
4068
4069
E Pit
4074
4075
4076
Select
4070
4071
4072
4073
Select.
2289
2290
2291
2292
Lake.
gneissic
4074
4075
graphitic schist
mnr po py
semimassive
po py tr cpy
stringers
4076
4066
2b
qtz-ser schist
4067
2b
4070
stringer & diss po tr Aspy
massive to semimassive po
hly sheared
foliated
gneissic
4068
4069
4071
4072
4073
Stripping & Trenching Sketch.
Grid G.
App. 1+00W Area.
July 11, 1991

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4066	5	3	27	10	301	.3	27	14	642	4.47	7	2	2	GRID G	1+00W	5+00N
4067	5	2	32	1	40	.2	29	14	76	4.69	2	2	2	GRID G	1+00W	5+00N
4068	5	4	61	13	356	.6	39	29	184	12.92	13	2	2	GRID G	1+00W	5+00N
4069	5	8	110	46	110	.7	67	78	101	21.51	33	11	19	GRID G	1+00W	5+00N
4070	50	7	110	41	668	.8	62	71	203	20.69	74	9	19	GRID G	1+00W	5+00N
4071	5	11	167	69	3810	1.1	117	128	1168	26.62	28	15	41	GRID G	1+00W	5+00N
4072	7	8	105	40	370	.9	61	67	373	19.18	83	7	21	GRID G	1+00W	5+00N
4073	6	7	131	29	298	.5	55	50	390	16.10	69	4	8	GRID G	1+00W	5+00N

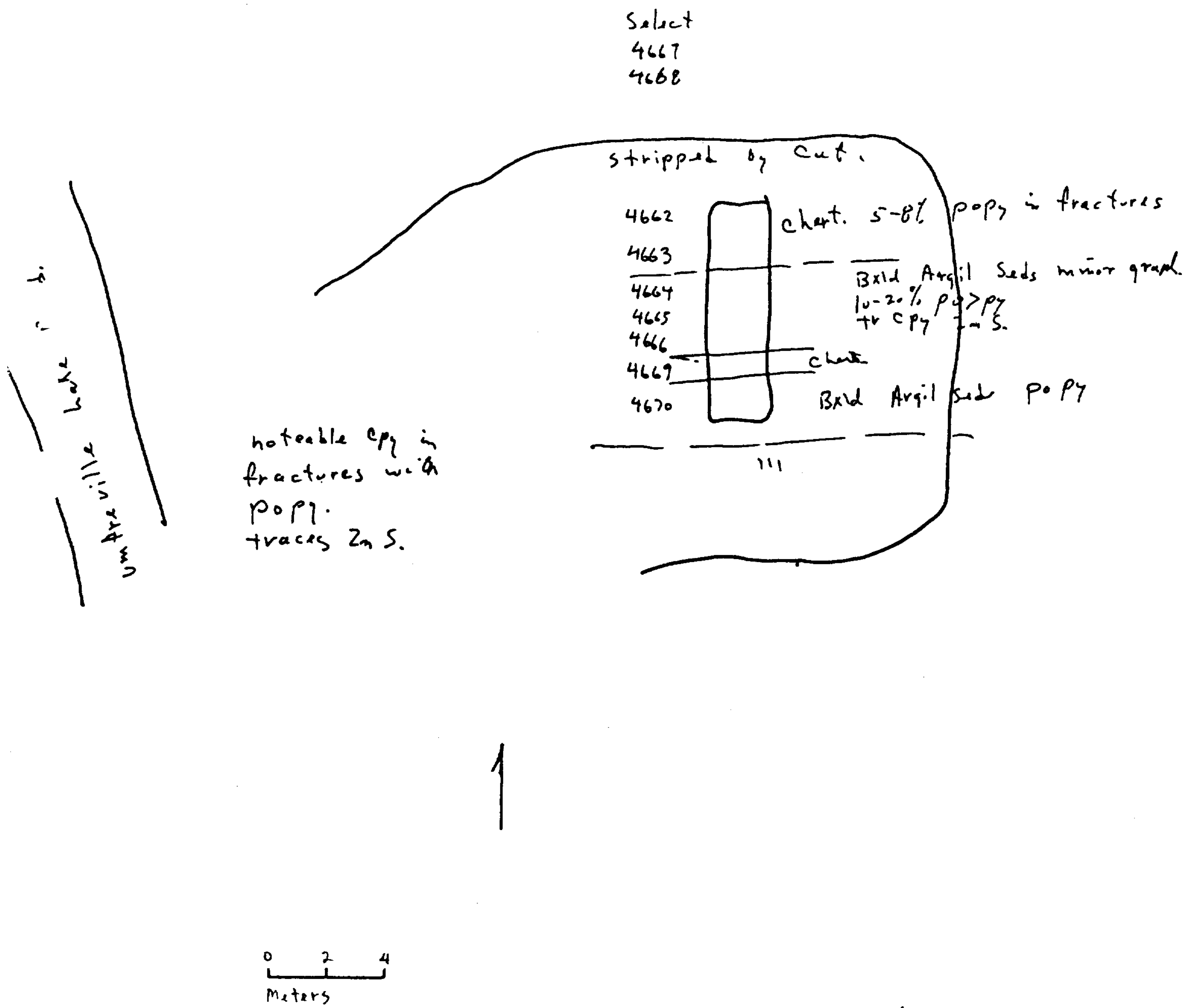
all 1+50S

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4074	5	6	60	23	244	.4	40	33	722	14.07	14	2	3	GRID G	1-00W	~~5+00N~~
																0+50W
4075	5	5	63	19	145	.4	41	26	512	10.37	6	2	2	GRID G	1+00W	~~5+00N~~

[illegible] ??

1+50 S

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
2289	16	3	104	15	441	2.2	57	65	282	21.69	43	13	15	GRID G	1+00W	1+50S
2290	19	4	178	19	179	2.2	56	60	357	19.67	106	10	3	GRID G	1+00W	1+50S
2291	19	5	105	20	151	3	69	74	344	23.01	46	13	8	GRID G	1+00W	1+50S
2292	19	3	115	17	298	2.7	59	55	225	21.55	10	13	3	GRID G	1+00W	1+50S

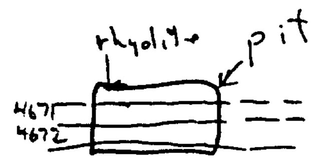


Stripping & Trenching Sketch.
S. of C; Umfreville Corner.
pit A.
22/8/91

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4662	5	2	180	7	141	.2	85	30	674	13.08	43	9	3	GRID S OF C	Pit A	
4662	5	2	180	7	141	.2	85	30	674	13.08	43	9	3	GRID S OF C		
4663	5	3	280	9	208	.6	159	50	697	18.67	36	19	3	GRID S OF C		
4664	5	3	300	5	264	.8	98	72	974	14.57	46	8	3	GRID S OF C		
4665	5	3	374	7	615	.1	135	93	691	18.70	50	15	3	GRID S OF C		
4666	5	4	327	18	231	.9	112	88	766	16.66	58	21	3	GRID S OF C		
4667	7	4	538	22	375	1.7	155	282	730	23.35	155	28	3	GRID S OF C		
4668	7	4	375	6	1030	.1	111	47	965	16.16	24	10	3	GRID S OF C		
4669	5	2	131	5	185	.6	53	32	899	7.34	39	6	3	GRID S OF C		
4670	5	4	308	2	812	.1	96	84	710	14.73	62	7	3	GRID S OF C	Pit A	

□ claim posts

Select.
4673
4674.



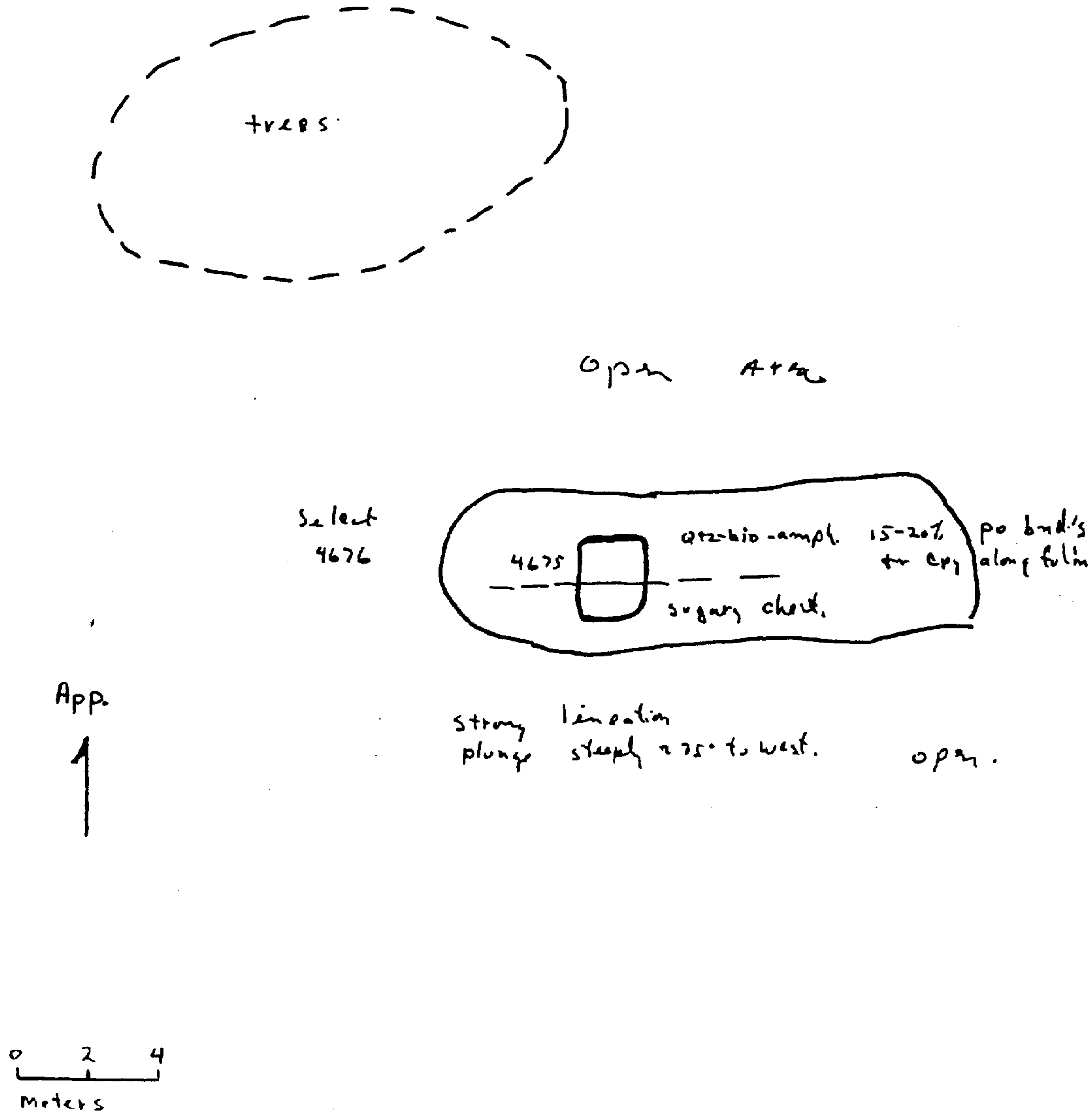
.1-.2m massive po minor cpy.
2b bnd'd. 10-15% po.

1

0 2 4
Meters

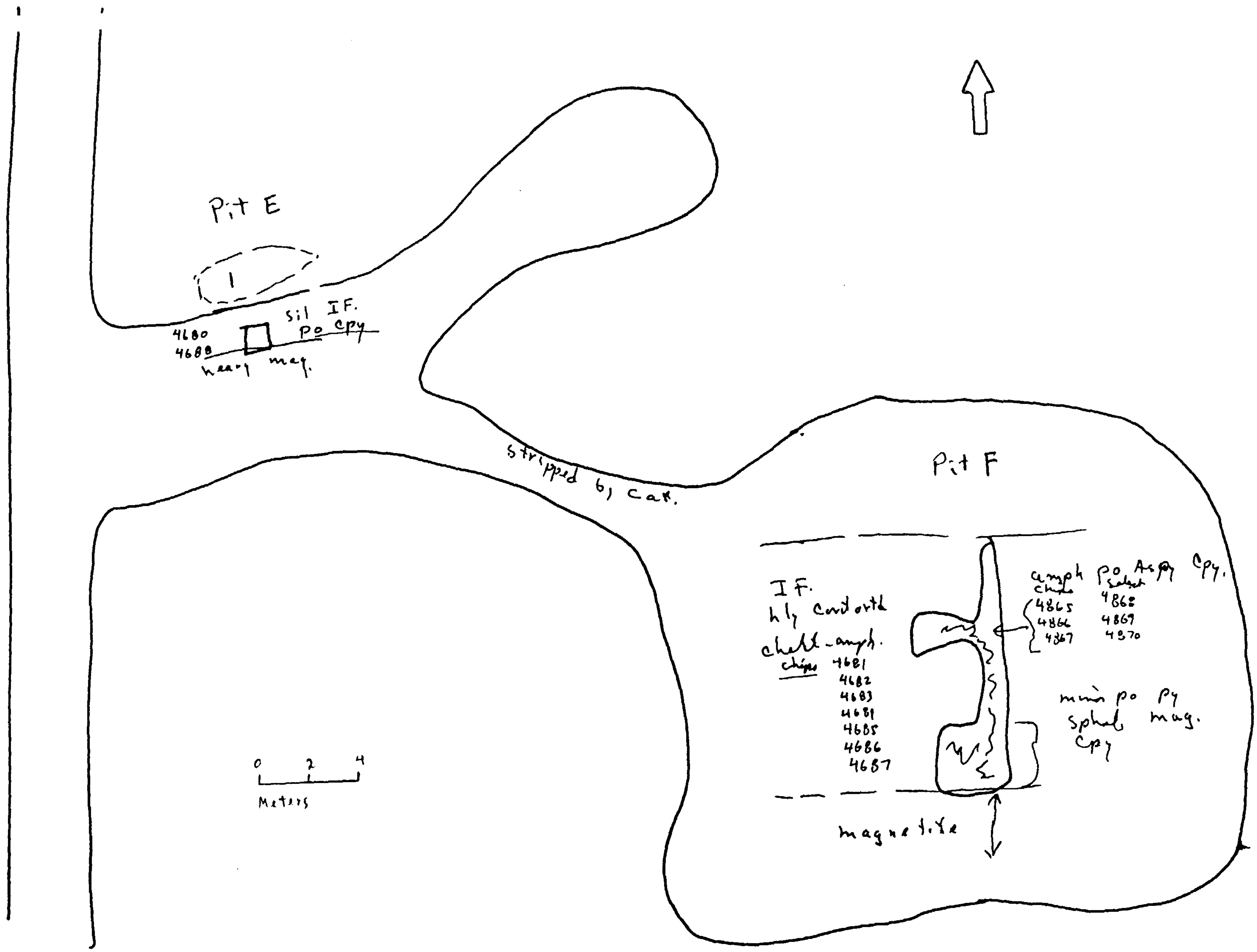
Stripping & Trenching Sketch
S. of C; Umfreville Corner.
Pit B. (2nd from north)

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4671	5	4	553	16	116	1.5	205	151	317	27.19	43	27	3	GRID S OF C	P+B	
4671	5													GRID S OF C		
4672	5	2	365	2	156	.1	91	63	525	13.42	10	9	3	GRID S OF C		
4673	5	5	555	18	85	1.3	234	190	253	32.59	36	31	3	GRID S OF C		
4674	5	6	830	22	116	2.3	212	137	517	29.81	79	22	7	GRID S OF C	P+B	
4674	5													GRID S OF C		



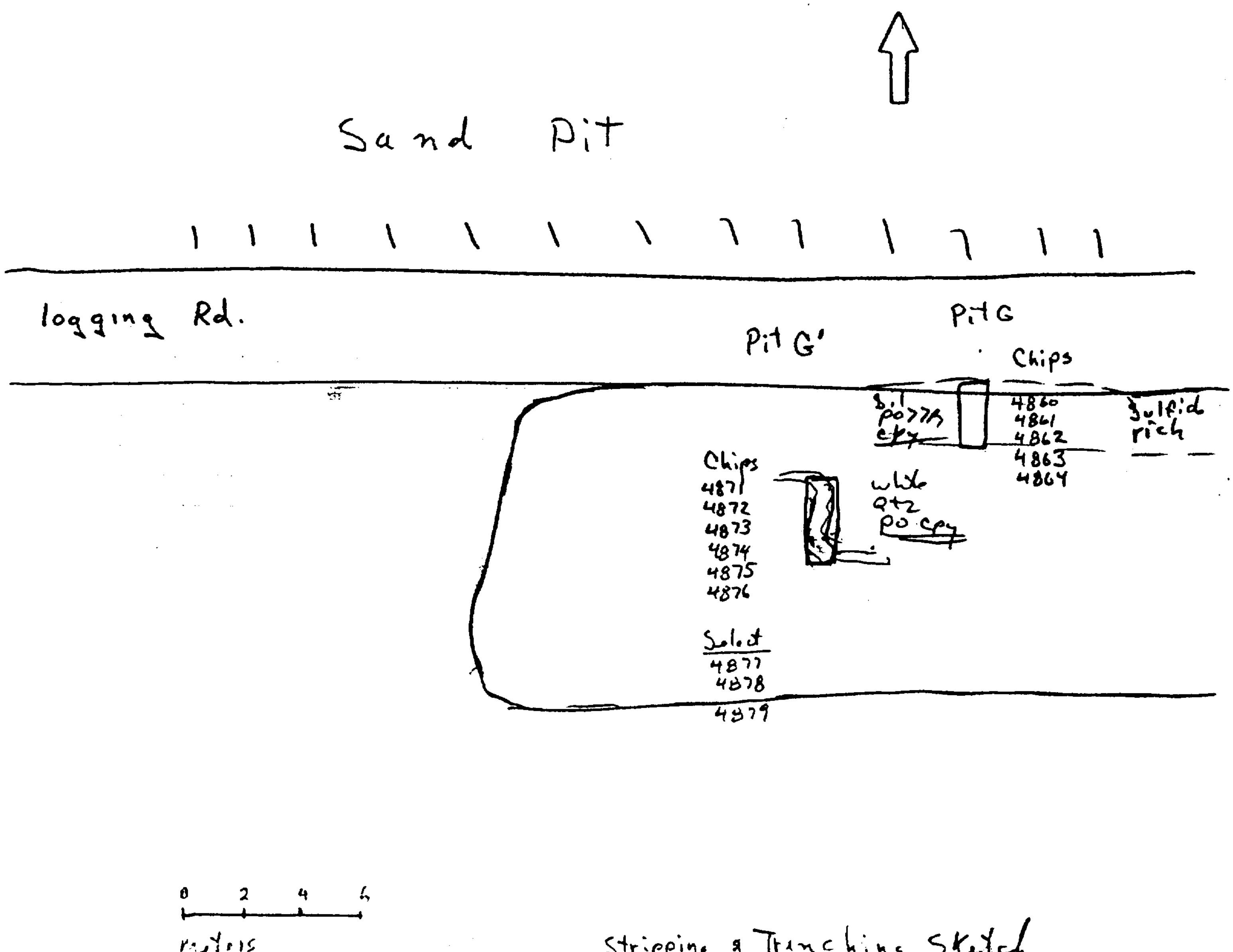
Stripping & Trenching Sketch.
S. of C.
Umfreville Corner.
Pit C (3rd from north.

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4675	8	2	463	2	182	.1	99	70	318	13.71	94	2	5	GRID S OF C	Pt C	
4676	8	4	294	5	430	.3	76	45	407	12.70	133	2	5	GRID C	Pt C	


Pit E
1
Sil IF.
po cpy
4680
4688
heavy mag.
stripped by Cat.
Pit F
IF.
hly contortd
chert-amph.
chips 4681
4682
4683
4684
4685
4686
4687
amph po Aspy cpy.
chips
4865
4866
4867
select
4868
4869
4870
minor po py
sphal mag.
cpy
magnetite
0 2 4
Meters

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4680	91	2	2771	2	139	2.9	125	121	167	18.21	20	2	5	GRID S OF C	Pit E T.R.	
4688	210	3	2243	6	149	5.4	100	94	279	14.73	32	14	23	GRID S OF C	Pit E TR	
4688	205													GRID S OF C		

SAMPLE No.	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4681	871	4	475	6	3172	1.7	35	34	448	11.97	5	8	5	GRID C S.		PIT F	
4682	431	2	332	2	1930	1.9	38	37	549	10.88	10	6	5	GRID C S.		PIT F	
4683	541	3	359	2	3185	1.5	33	36	389	12.14	141	9	7	GRID C S.		PIT F	
4683	617													GRID C S.		PIT F	
4684	427	2	447	10	4625	2.1	74	145	143	13.75	2603	9	5	GRID C S.		PIT F	
4685	380	2	984	9	342	2.0	109	401	432	17.88	9411	6	5	GRID C S.		PIT F	
4686	192	2	1944	8	1038	2.0	83	83	132	14.66	231	5	5	GRID C S.		PIT F	
4687	199	2	666	3	3946	2.4	69	98	454	14.63	1194	11	5	GRID C S.		PIT F	
4865	385	4	1438	11	1698	3.2	108	308	833	18.30	7292	16	9	GRID C S.		PIT F	
4866	308	4	1533	4	652	1.1	112	203	437	19.29	3275	2	5	GRID C S.		PIT F	
4867	319	3	963	10	488	.7	116	402	606	20.30	8741	2	5	GRID C S.		PIT F	
4868	781	4	648	16	508	1.3	147	466	575	23.26	9526	2	6	GRID C S.		PIT F	
4869	253	3	982	10	253	1.3	124	475	612	21.57	10613	2	5	GRID C S.		PIT F	
4870	122	5	2158	13	842	2.3	125	236	825	23.10	3501	12	5	GRID C S.		PIT F	

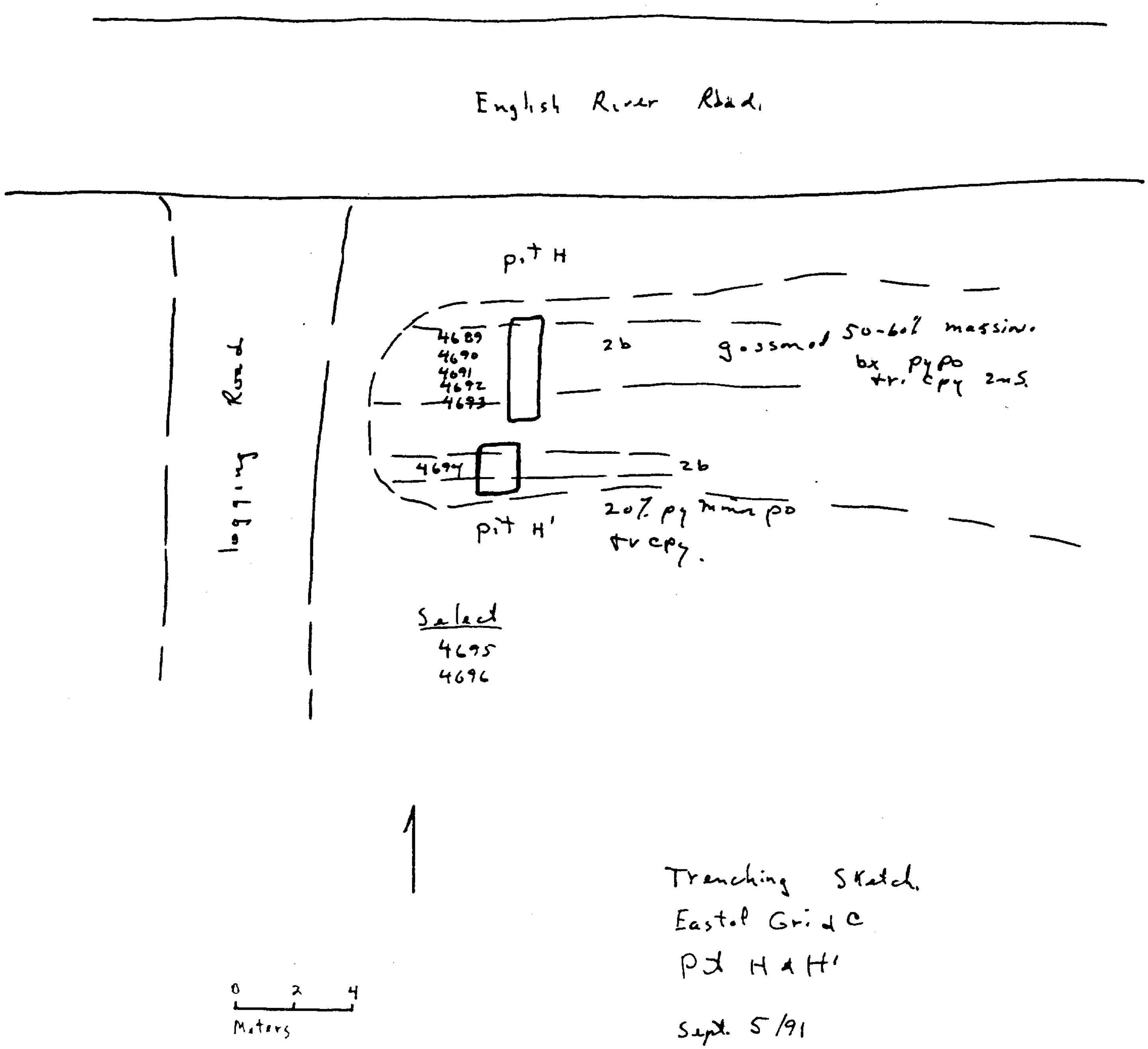


Stripping & Trenching Sketch.

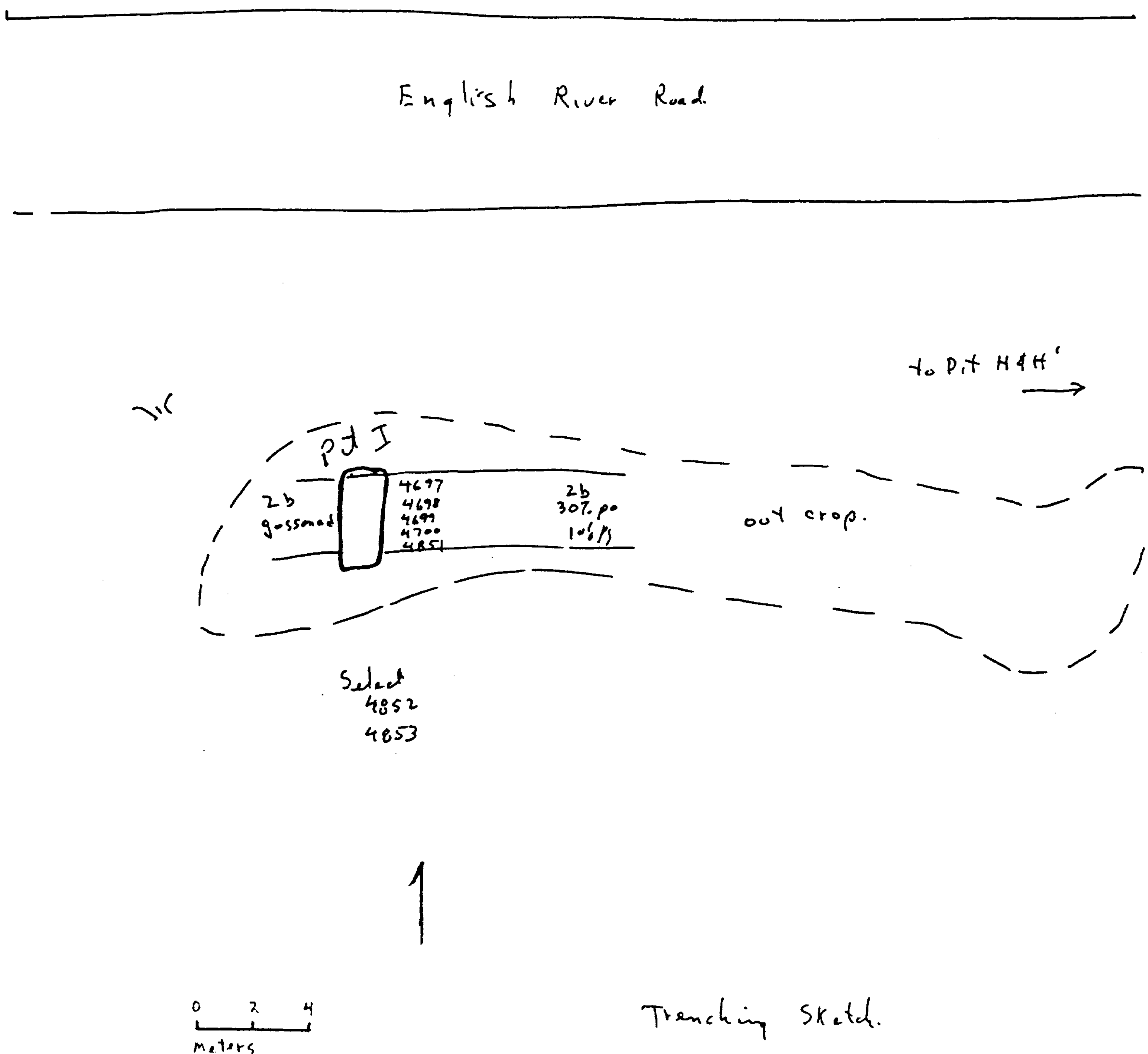
Grid H

Sand Pit I.F.

AMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4860	5	2	2976	8	486	1.6	95	79	284	17.71	2	5	5	GRID C S.	PIT G		
4861	17	3	1606	6	258	2.6	141	141	296	24.29	2	15	5	GRID C S.	PIT G		
4862	17	3	2664	7	604	3.0	91	77	288	18.37	2	14	5	GRID C S.	PIT G		
4863	5	3	3681	4	321	1.0	58	46	575	15.15	4	5	5	GRID C S.	PIT G		
4864	17	3	4058	2	402	1.6	84	70	379	18.04	2	5	5	GRID C S.	PIT G		
4871	26	4	1927	2	193	2.9	119	104	105	18.86	8	9	8	GRID C S.	PIT G1		
4871	26													GRID C S.	PIT G1		
4872	17	3	1032	7	166	2.6	139	138	74	22.18	5	8	5	GRID C S.	PIT G1		
4873	33	3	1551	2	120	2.2	105	90	68	17.32	2	6	5	GRID C S.	PIT G1		
4874	33	1	812	2	75	1.4	95	79	74	15.44	2	2	5	GRID C S.	PIT G1		
4875	33	2	1471	2	135	1.2	86	73	73	13.78	2	2	5	GRID C S.	PIT G1		
4876	17	2	1277	8	165	2.5	132	128	71	21.76	2	14	5	GRID C S.	PIT G1		
4877	33	2	1189	5	73	2.3	122	114	70	20.01	2	9	5	GRID C S.	PIT G1		
4878	51	4	2766	11	152	4.3	174	162	44	27.38	2	18	5	GRID C S.	PIT G1		
4879	5	2	2069	5	140	1.5	63	55	109	11.25	5	7	10	GRID C S.	PIT G1		
4880	33	1	3793	2	220	2.2	124	117	78	20.65	2	4	5	GRID C S.	PIT G1		
4880	33													GRID C S.	PIT G1		

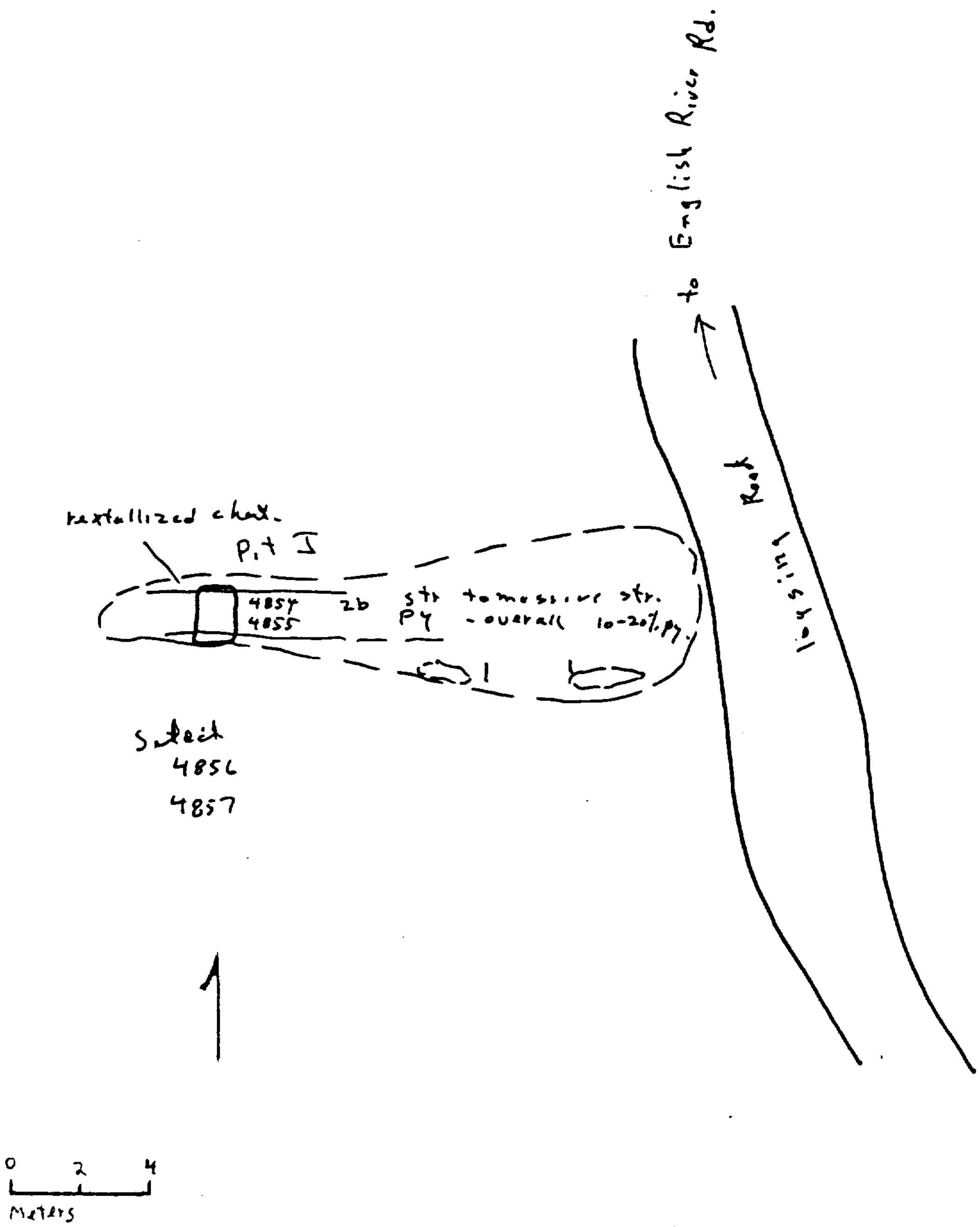

English River Road
Logging Road
pit H
pit H'
4689
4690
4691
4692
4693
4694
2b
2b
gossmod 50-60% massive
bx pypo
tr. cpy 2mS.
20% py mnr po
tr cpy.
Select
4695
4696
0 2 4
Meters
Trenching Sketch
East of Grid C
Pit H & H'
Sept. 5/91

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4689	33	4	175	17	167	1.2	74	38	1156	21.00	6	9	5	GRID C S.	PIT H		
4691	57	3	293	2	262	.1	55	2	1540	16.07	4	2	5	GRID C S.	PIT H		
4692	9	2	169	3	151	.1	61	6	634	16.37	3	2	5	GRID C S.	PIT H		
4693	8	3	184	2	181	.2	63	4	1031	17.63	2	2	5	GRID C S.	PIT H1		
4694	5	1	319	4	224	.2	56	40	530	18.98	18	2	5	GRID C S.	PIT H1		
4695	17	4	224	12	128	1.0	69	188	1178	23.52	8	2	5	GRID C S.	PIT H1		
4696	8	1	350	2	230	.1	51	40	2896	17.39	12	2	5	GRID C S.	PIT H1		
4690	33	4	241	13	165	.6	70	119	1425	20.75	4	7	5	GRID C S.	PIT H		



Trenching Sketch.
East of Grid C
Pit I
Sept. 5/91

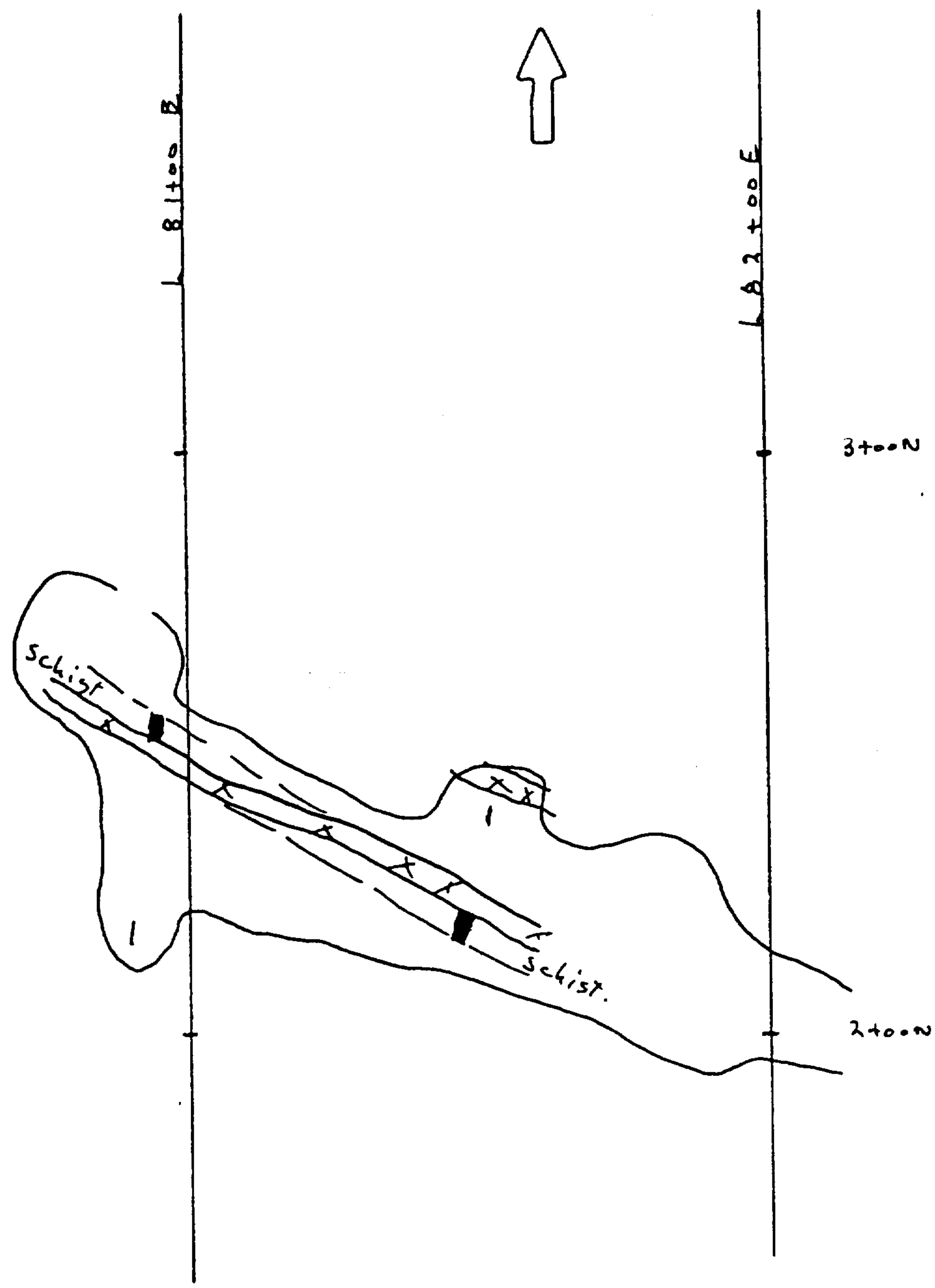
SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4697	8	1	145	2	137	.1	69	33	542	16.92	68	2	5	GRID C S.	PIT I		
4698	8	2	206	2	205	.1	66	22	545	17.51	19	2	5	GRID C S.	PIT I		
4698	8													GRID C S.	PIT I		
4699	5	3	303	9	254	.6	89	47	430	21.55	4	8	5	GRID C S.	PIT I		
4700	17	2	226	3	218	.5	75	21	554	17.63	4	4	5	GRID C S.	PIT I		
4851	8	2	197	2	372	.8	78	33	373	18.16	13	3	5	GRID C S.	PIT I		
4852	17	4	305	14	134	1.8	99	104	203	25.75	2	18	5	GRID C S.	PIT I		
4853	5	4	221	19	202	2.0	113	35	707	28.84	6	15	5	GRID C S.	PIT I		



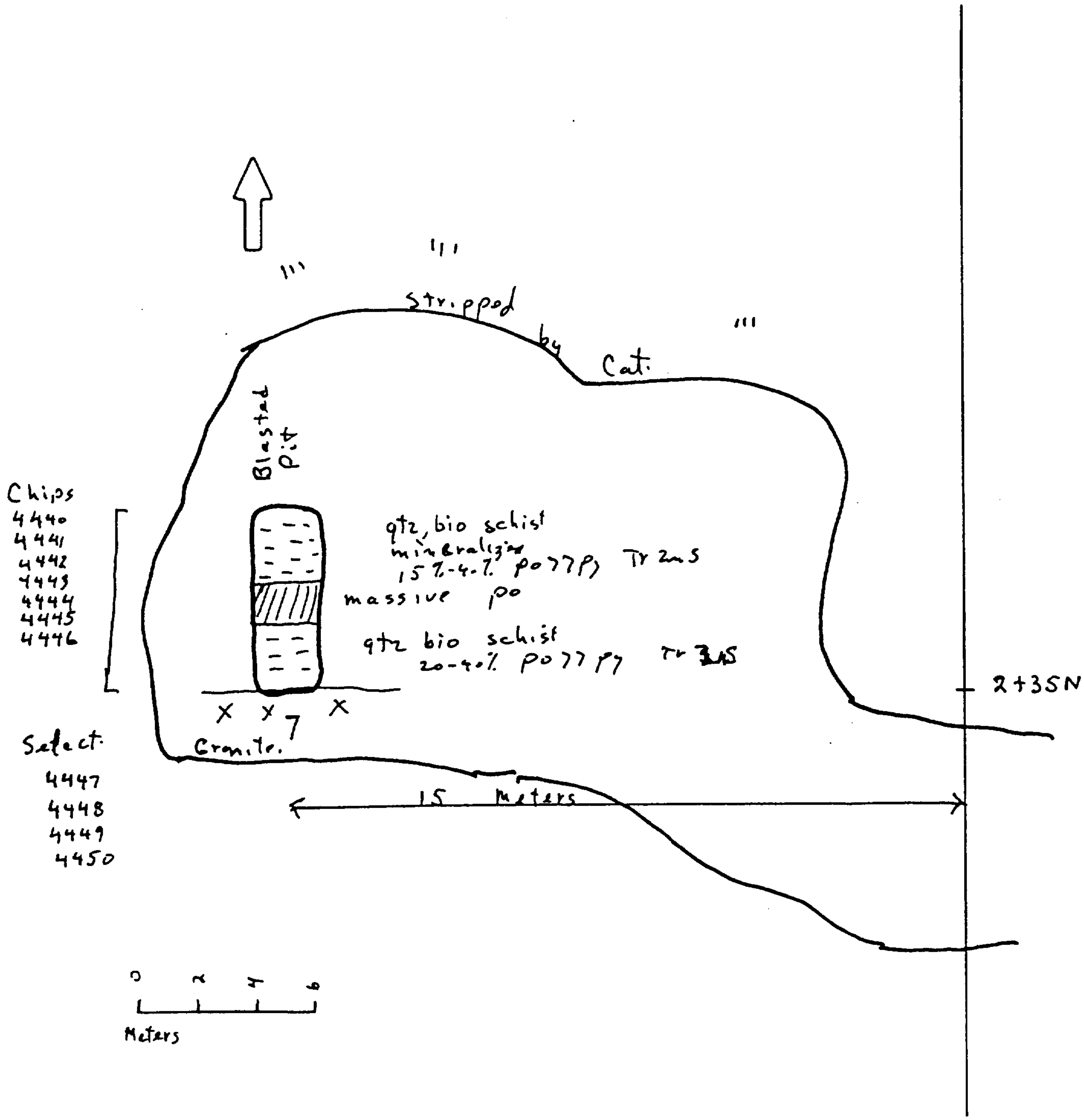
Trenching Sketch
East of Grid C
Pit I
Sept 5/91

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4854	8	1	56	3	182	.2	24	118	487	15.75	7	2	5	GRID C S.	PIT J		
4855	5	3	45	2	140	.1	22	95	598	11.92	12	2	5	GRID C S.	PIT J		
4856	17	5	59	40	93	2.2	27	282	883	25.09	14	13	5	GRID C S.	PIT J		
4857	17	4	74	13	114	1.4	31	222	604	21.78	23	11	5	GRID C S.	PIT J		
4858	5													GRID C S.	PIT J		

AMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4958	5	5	462	7	8128	1.8	154	121	461	21.31	2	20	5	GRID C S.	PIT K		
4859	5	3	659	4	268	.6	139	106	232	11.10	31	12	5	GRID C S.	PIT L		



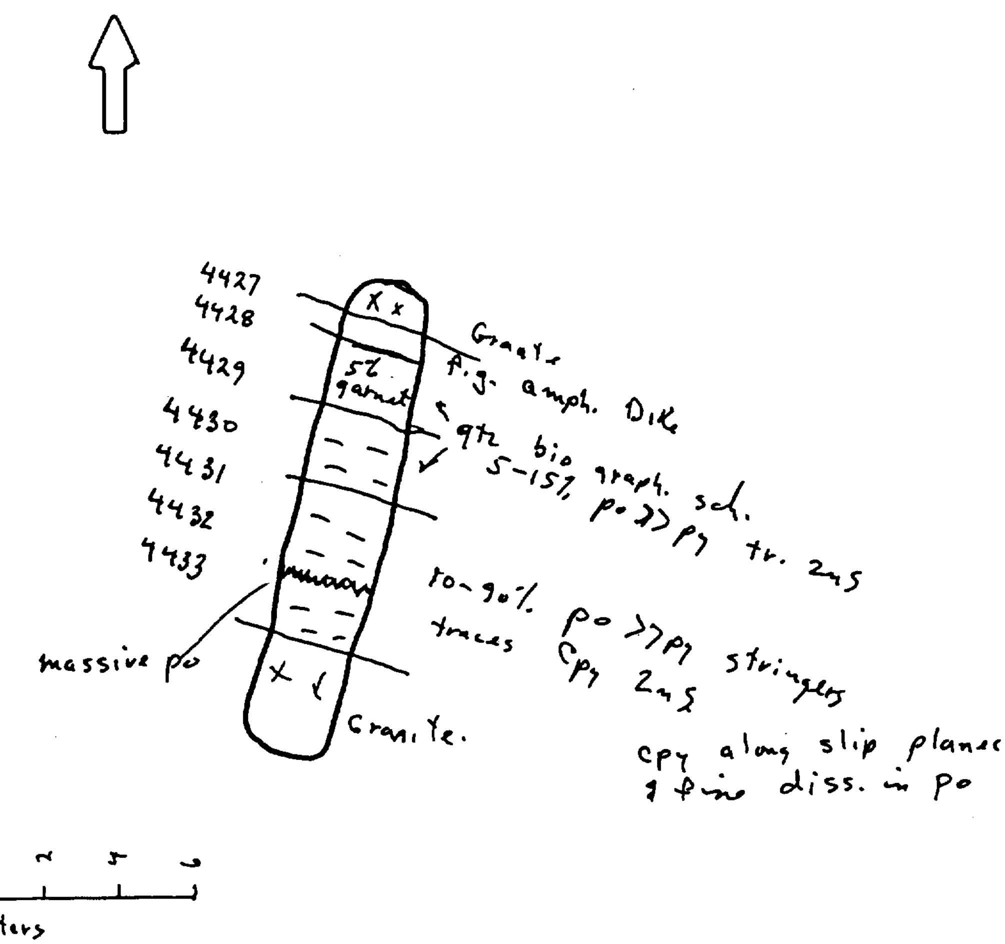
Stripping & Trenching Sketch
Grid Ext.



Stripping & Trenching Sketch
Grid Ext.
80+85 E ; 2+35 N
July , 1991
LCC

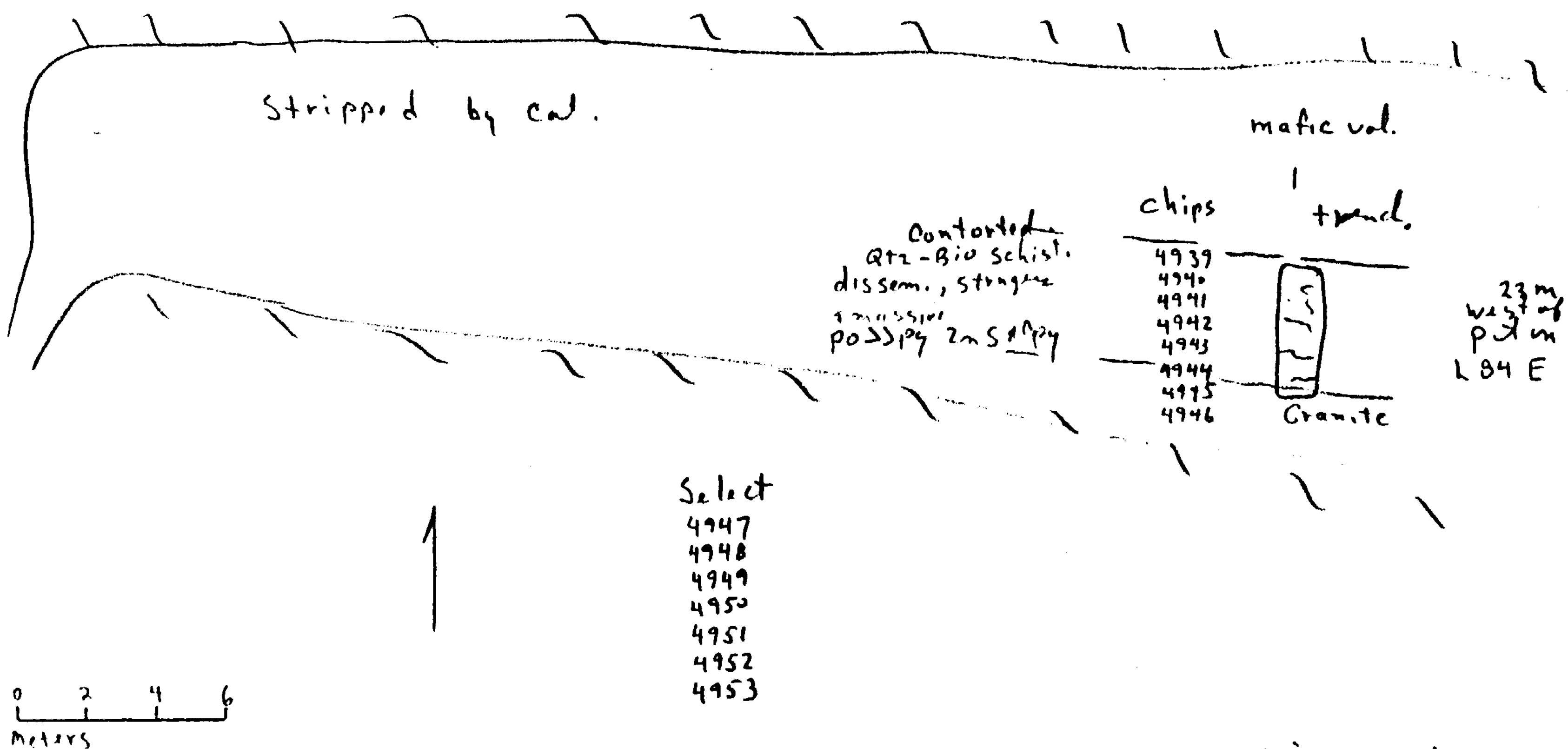
SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4440	14	6	438	7	1331	.3	112	76	324	11.79	22	7	3	EXT.	80+85E	2+35N
4441	15	7	444	21	1529	1.4	130	89	445	13.86	19	7	4	EXT.	80+85E	2+35N
4442	19	9	292	42	1086	2.3	164	120	492	16.61	97	8	3	EXT.	80+85E	2+35N
4443	14	7	430	10	871	.8	90	59	487	7.79	29	7	8	EXT.	80+85E	2+35N
4444	17	9	665	16	4729	.6	127	89	270	14.28	50	11	3	EXT.	80+85E	2+35N
4444	16													EXT.	80+85E	2+35N
4445	17	9	460	12	2752	.8	144	94	240	11.65	4	4	3	EXT.	80+85E	2+35N
4446	17	9	510	22	4595	1.5	167	121	419	15.90	49	2	3	EXT.	80+85E	2+35N
4447	18	7	705	70	1533	4.4	159	120	472	18.36	39	2	3	EXT.	80+85E	2+35N
4448	17	9	538	18	3677	1.5	125	89	282	12.81	10	9	3	EXT.	80+85E	2+35N
4449	18	11	384	18	3215	1.3	118	79	314	12.53	5	6	4	EXT.	80+85E	2+35N
4450	33	10	459	20	3441	2.2	156	109	256	15.54	12	5	3	EXT.	80+85E	2+35N

Select
4434
4435
4436
4437
4438
4439



Stripping & Trenching Sketch
Grid Ext.
81+50 E ; 2+20 N
July 26, 1991
hle

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4427	5	4	249	17	508	.3	103	65	301	10.48	20	2	3	EXT.	81+50E	2+20N
4427	5													EXT.	81+50E	2+20N
4428	12	4	242	16	553	.2	90	65	489	9.63	107	2	3	EXT.	81+50E	2+20N
4429	10	4	368	13	318	1.1	110	75	468	13.17	19	5	3	EXT.	81+50E	2+20N
4430	11	7	887	20	591	1.7	125	85	539	12.99	44	9	3	EXT.	81+50E	2+20N
4431	11	10	423	28	967	1.8	153	105	580	16.86	24	11	3	EXT.	81+50E	2+20N
4432	6	6	408	19	1446	1.2	115	77	635	12.32	[illegible]	[illegible]	3	EXT.	81+50E	2+20N
4433	5	8	481	15	2288	1.3	126	86	449	13.38	67	10	3	EXT.	81+50E	2+20N
4434	5	7	255	16	2402	1.2	115	83	241	13.13	82	6	3	EXT.	81+50E	2+20N
4434	5													EXT.	81+50E	2+20N
4435	15	8	229	25	4501	1	98	71	302	9.04	233	16	3	EXT.	81+50E	2+20N
4436	15	6	368	16	5048	.9	98	68	715	11.64	95	7	7	EXT.	81+50E	2+20N
4437	16	9	454	23	3718	1.8	167	118	299	18.21	82	11	8	EXT.	81+50E	2+20N
4438	18	8	1550	20	3573	1.5	251	175	19	28	5	3	3	EXT.	81+50E	2+20N
4439	14	33	569	11	1070	.7	132	87	739	14.74	34	4	3	EXT.	81+50E	2+20N

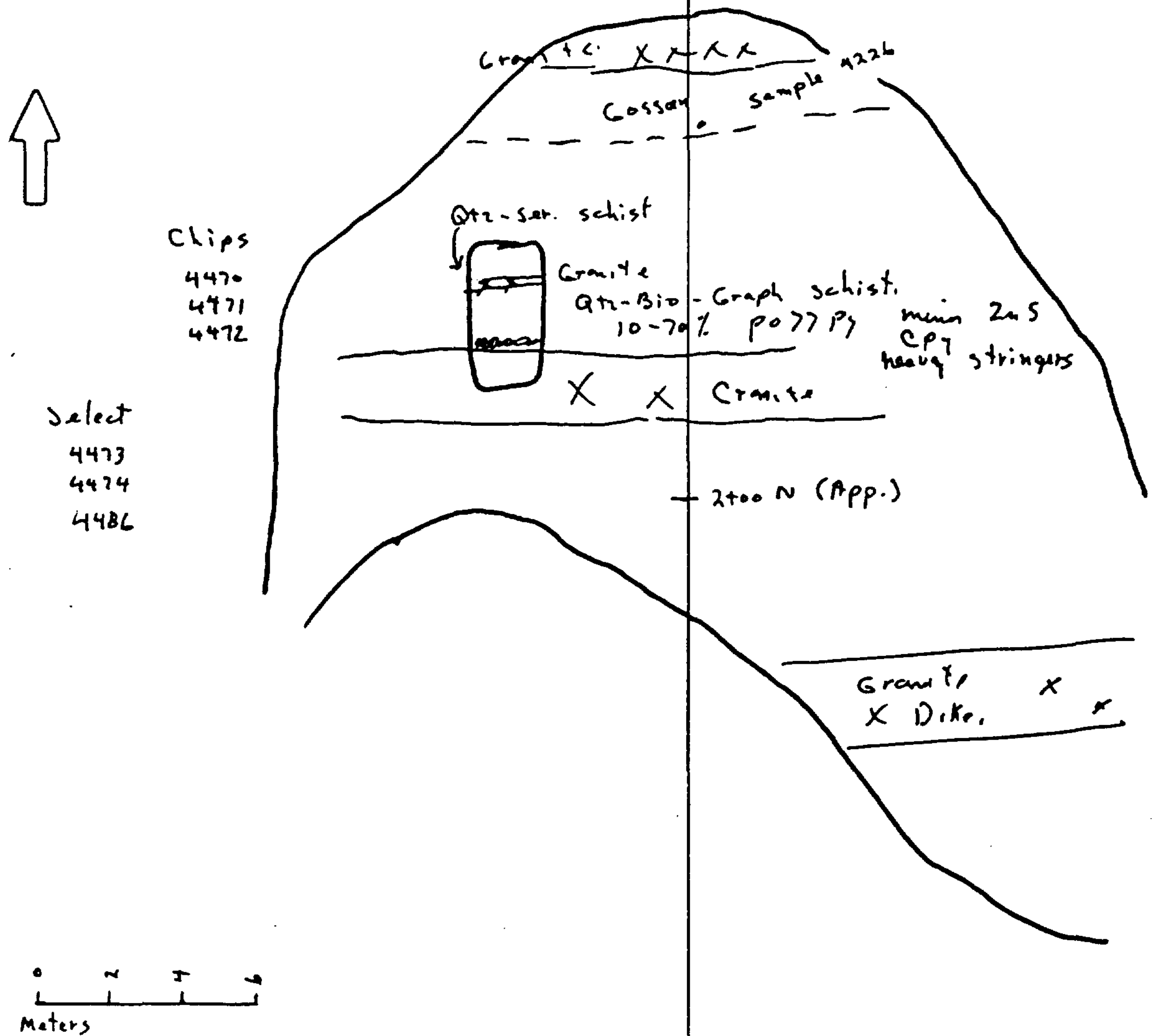


Stripping & Trenching Sketch.

Ext Grid.

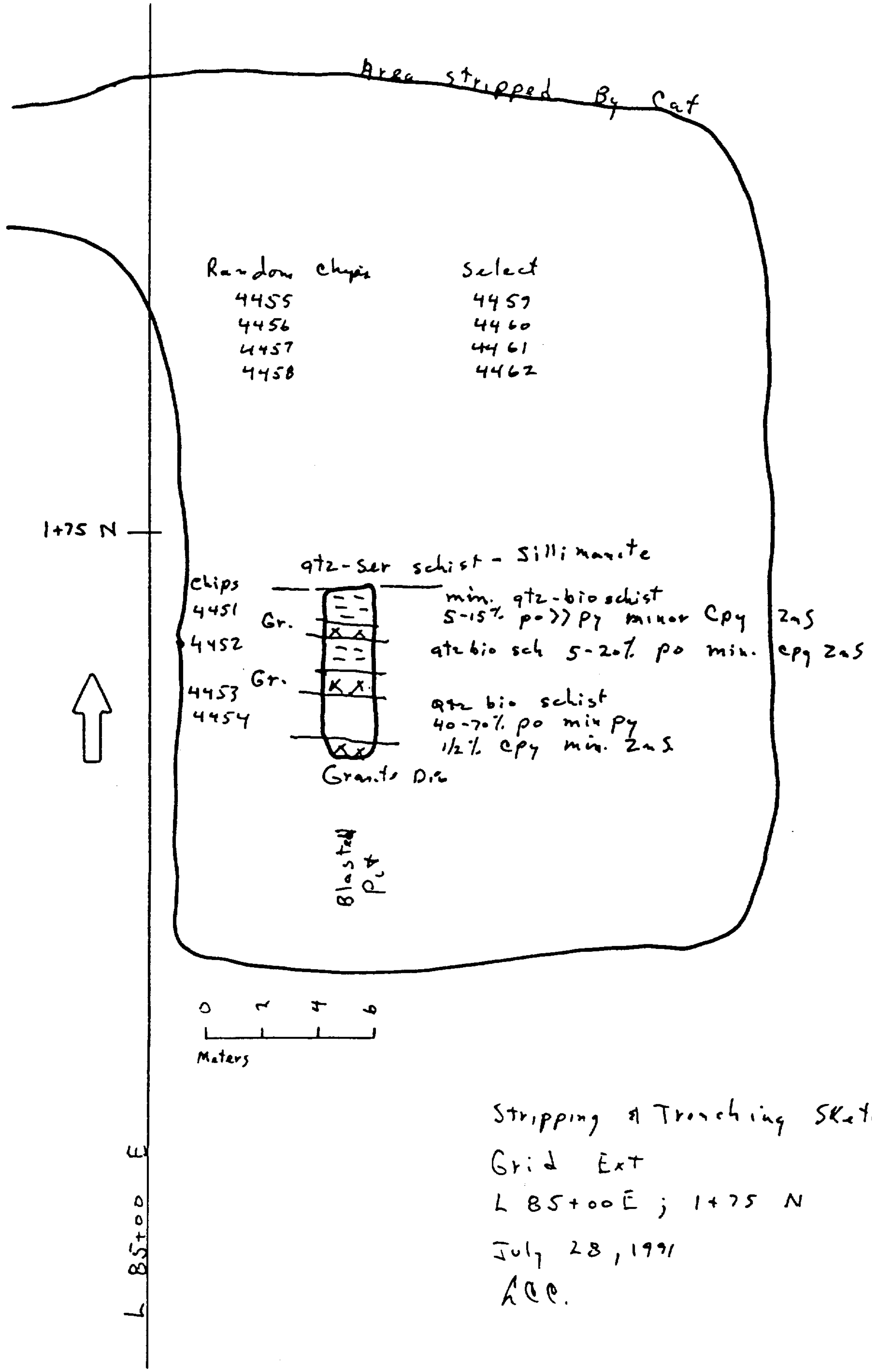
83+77 E & 2+00 N.

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4939	5	6	653	9	[illegible]	1.0	106	99	294	17.45	27	4	9	GRID EXT.	83+77E	2+20N	
4939	5													GRID EXT.	83+77E	2+20N	
4940	5	7	405	7	2790	1.2	93	79	302	14.39	39	7	3	GRID EXT.	83+77E	2+20N	
4941	5	7	437	12	5367	1.7	109	91	329	16.35	22	13	3	GRID EXT.	83+77E	2+20N	
4942	5	7	390	9	5361	1.7	120	105	425	16.52	68	11	9	GRID EXT.	83+77E	2+20N	
4943	5	10	352	2	4425	1.9	99	90	327	15.52	112	5	2	GRID EXT.	83+77E	2+20N	
4944	5	8	3263	17	3913	3.2	141	129	362	22.62	110	15	14	GRID EXT.	83+77E	2+20N	
4945	5	6	917	11	4718	1.5	103	92	498	17.11	48	8	11	GRID EXT.	83+77E	2+20N	
4946	5	6	437	11	1695	1.7	143	128	446	22.15	31	11	18	GRID EXT.	83+77E	2+20N	
4947	5	8	576	5	11258	.8	76	68	507	11.17	29	10	7	GRID EXT.	83+77E	2+20N	
4948	5	6	516	7	1208	1.6	130	114	443	20.59	25	14	15	GRID EXT.	83+77E	2+20N	
4948	5													GRID EXT.	83+77E	2+20N	
4949	5	12	446	9	7190	1.1	84	75	380	13.77	25	12	11	GRID EXT.	83+77E	2+20N	
4950	5	11	338	8	6381	1.1	112	96	408	18.06	27	15	9	GRID EXT.	83+77E	2+20N	
4951	5	11	198	5	5574	.2	86	76	451	13.08	41	2	3	GRID EXT.	83+77E	2+20N	
4952	5	13	1353	3	5746	.3	78	66	374	11.66	27	2	3	GRID EXT.	83+77E	2+20N	
4953	5	9	753	4	8327	.6	92	83	647	14.46	30	11	3	GRID EXT.	83+77E	2+20N	
4953	5													GRID EXT.	83+77E	2+20N	



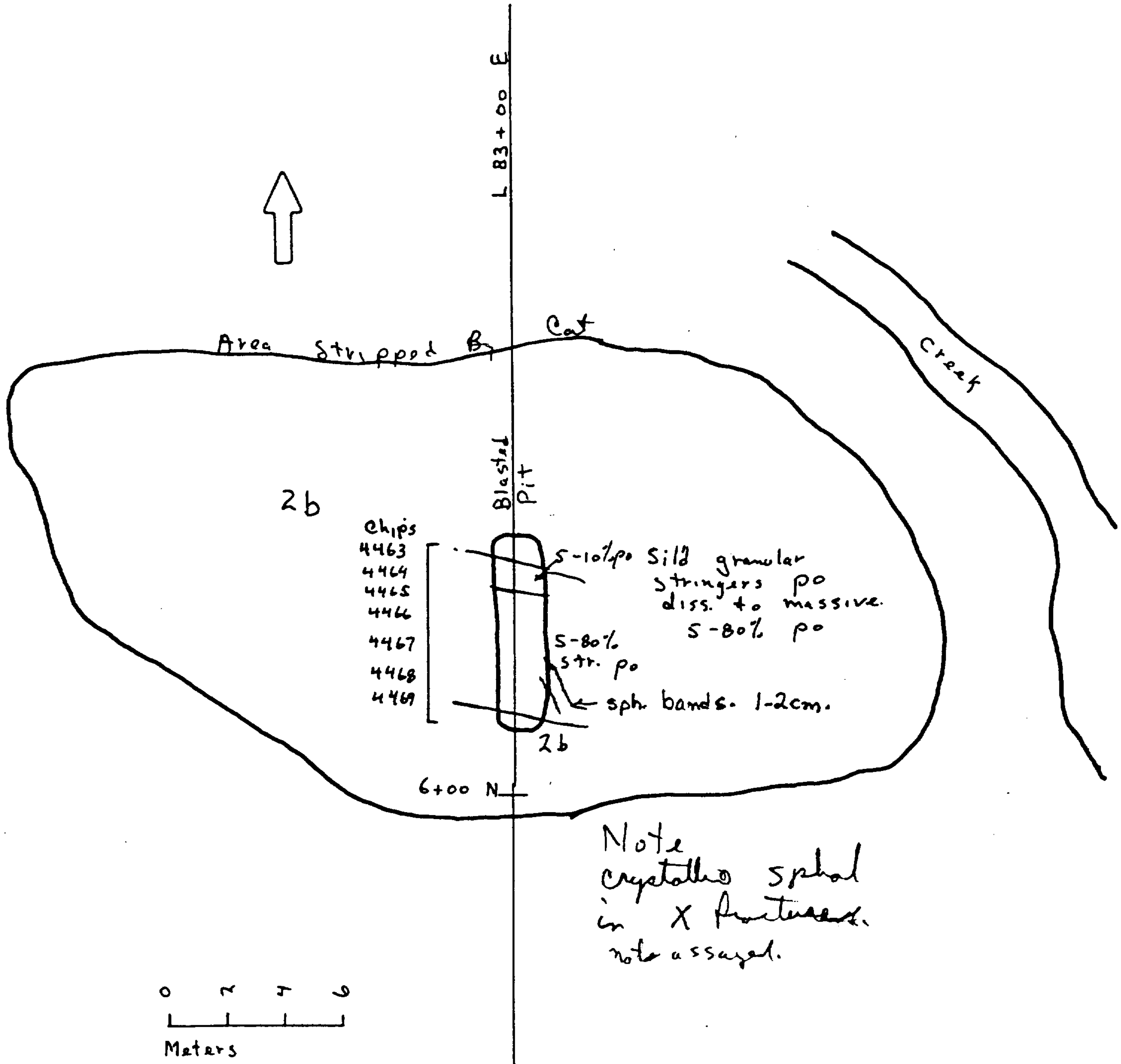
Stripping & Trenching Sketch
Grid Ext.
L 84+00 E, 2+00 N.
July, 1991
hle

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4470	5	14	256	22	6189	5.9	111	78	354	12.69	82	13	2	EXT.	84+00E	2+20N
4471	5	13	817	39	2810	9.7	173	155	400	22.49	103	15	2	EXT.	84+00E	2+20N
4471	5													EXT.	84+00E	2+20N
4472	5	11	379	14	1294	2.9	112	75	362	10.90	34	24	2	EXT.	84+00E	2+20N
4473	5	13	762	38	3343	7.5	161	171	464	24.35	130	30	4	EXT.	84+00E	2+20N
4474	5	14	231	15	6576	1.2	77	53	247	8.40	23	17	2	EXT.	84+00E	2-20N
4501	5	8	348	7	80	.8	61	67	44	10.90	22	4	2	EXT. GRID	84+00E	2+20N
4486	5	10	342	14	4469	2.9	112	84	263	14.61	45	7	2	EXT.	84+00E	2+20N



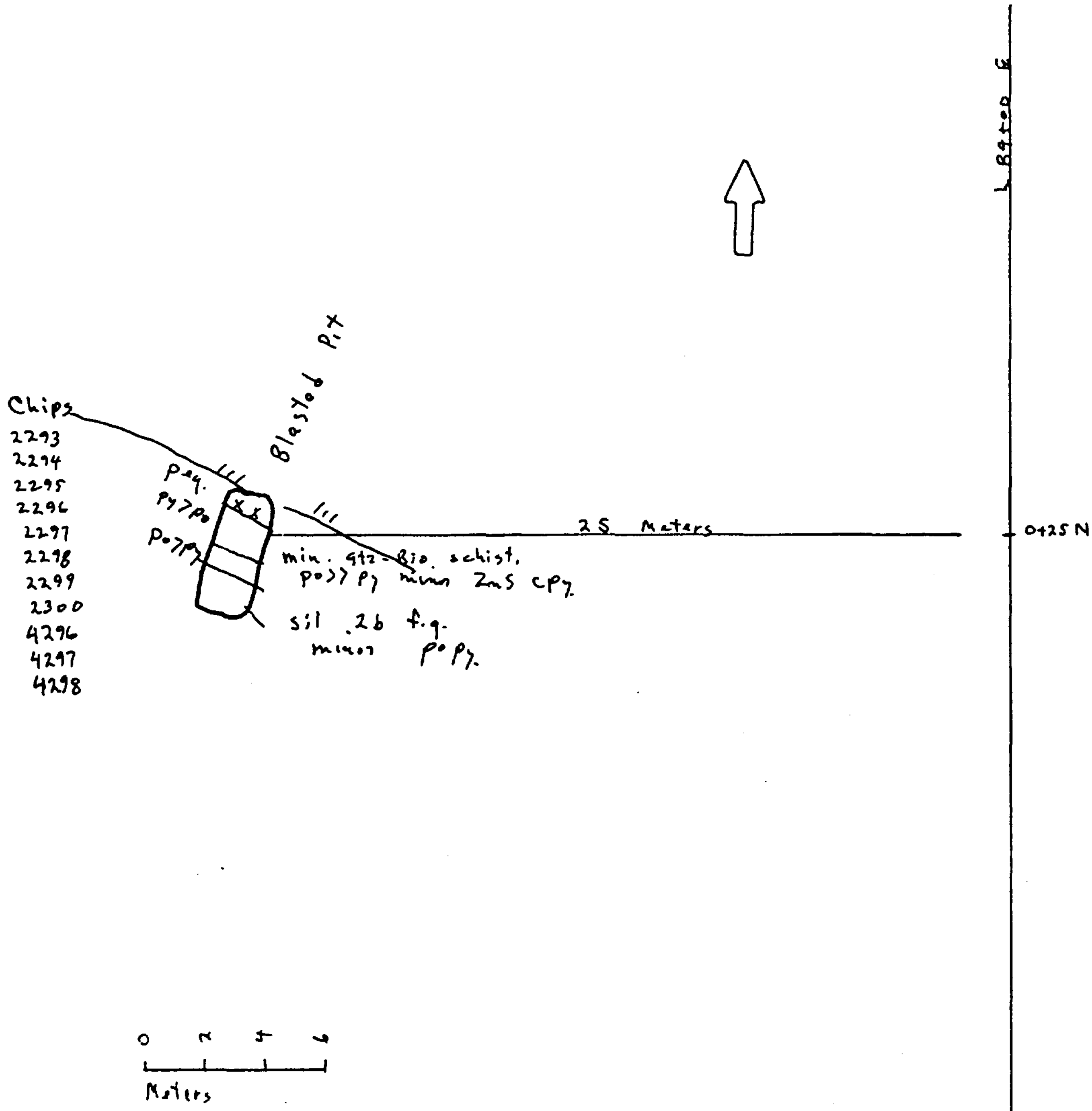
Stripping & Trenching Sketch.
Grid Ext
L 85+00E ; 1+75 N
July 28, 1991
ACC.

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4451	15	6	417	13	2511	1.2	95	80	309	12.10	4	3	11	EXT.	~~80+00E~~ 85+00	1+70N
4452	14	7	319	14	4088	.9	102	85	290	12.78	11	2	3	EXT.	~~80+00E~~	1+70N
4453	15	7	429	12	2659	1.3	118	96	247	14.49	9	7	3	EXT.	~~80+00E~~	1+70N
4453	18													EXT.	~~80+00E~~	1+70N
4454	14	9	610	22	4432	1.7	147	126	394	13.40	11	7	3	EXT.	~~80+00E~~	1+70N
4455	15	8	610	29	4172	2.3	123	102	435	15.88	49	10	7	EXT.	~~80+00E~~	1+70N
4456	18	11	732	29	4676	2.6	149	130	536	19.26	23	15	8	EXT.	~~80+00E~~	1+70N
4457	13	11	521	24	4561	2.5	149	131	389	18.75	24	15	5	EXT.	~~80+00E~~	1+70N
4458	14	11	676	29	4887	2.5	156	138	411	19.56	48	15	5	EXT.	~~80+00E~~	1+70N
4459	15	12	808	30	4382	3	156	139	556	19.88	59	14	8	EXT.	~~80+00E~~	1+70N
4460	13	9	584	24	2461	2.2	116	94	287	15.14	22	8	3	EXT.	~~80+00E~~	1+70N
4461	14	12	1607	29	5322	3.1	143	123	406	18.84	23	12	3	EXT.	85+00E	1+70N
4462	13	12	962	33	7165	2.2	137	113	533	16.72	42	20	3	EXT.	85+00E	1+70N
4462	10													EXT.	85+00E	1+70N



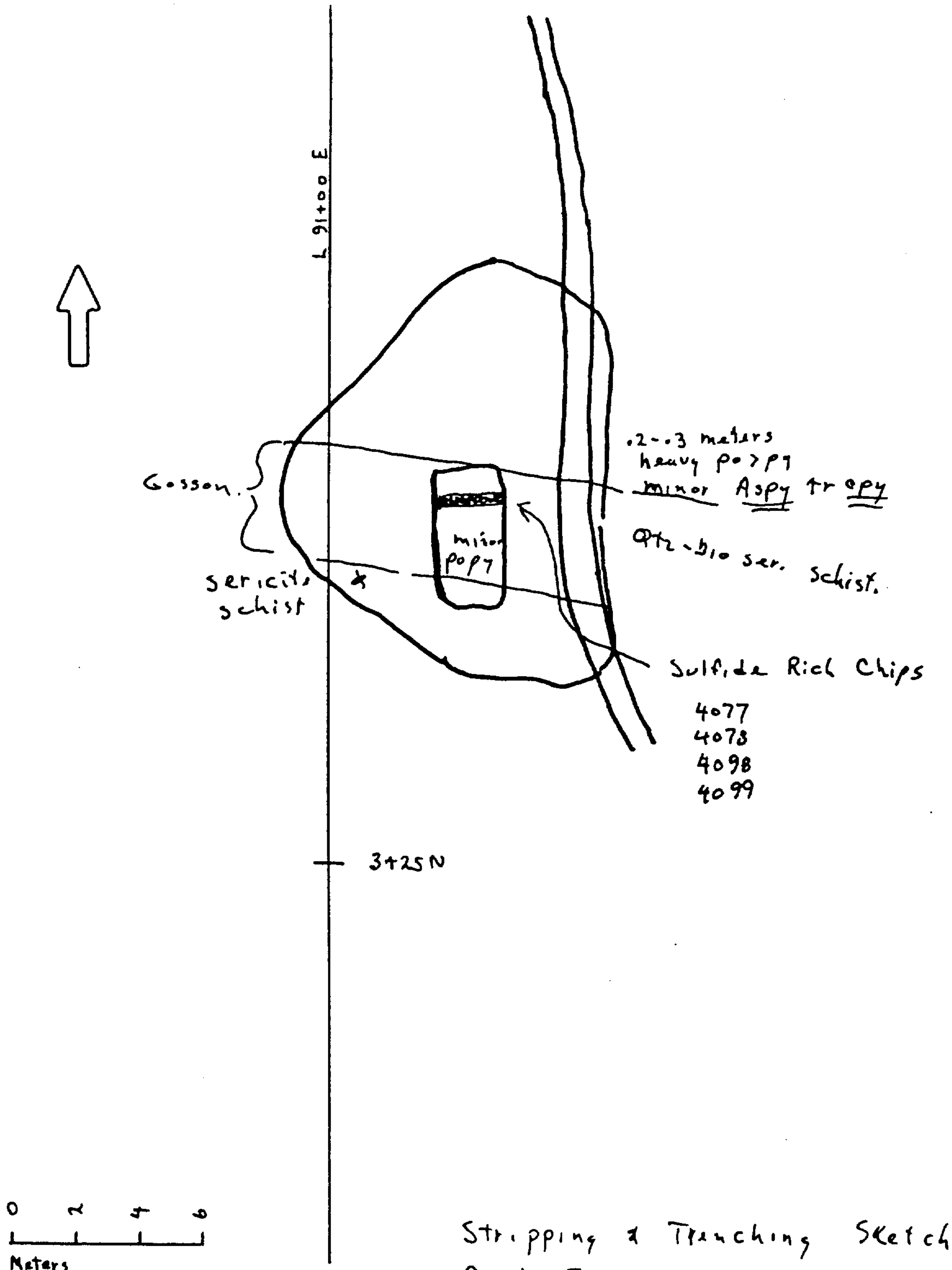
Stripping & Trenching Sketch.
Grid Ext.
L 83+00 E ; 6+05 N
July 29/91
LCC.

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4463	13	4	49	9	218	.9	23	21	473	9.65	6	5	3	EXT.	85+00E	6+00N
4464	11	4	37	13	110	1.1	20	21	229	10.30	12	6	3	EXT.	85+00E	6+00N
4465	12	3	51	14	146	1.6	22	23	237	12.85	6	2	3	EXT.	85+00E	6+00N
4466	11	5	79	19	222	2.4	28	46	221	18.52	9	5	3	EXT.	85+00E	6+00N
4467	9	3	60	10	171	2.1	23	33	212	15.43	5	2	3	EXT.	85+00E	6+00N
4468	13	3	50	8	150	1.3	20	25	226	13.46	2	2	3	EXT.	85+00E	6+00N
4469	10	2	40	11	245	1.2	17	20	384	11.49	7	4	3	EXT.	85+00E	6+00N
4469	8													EXT.	85+00E	6+00N



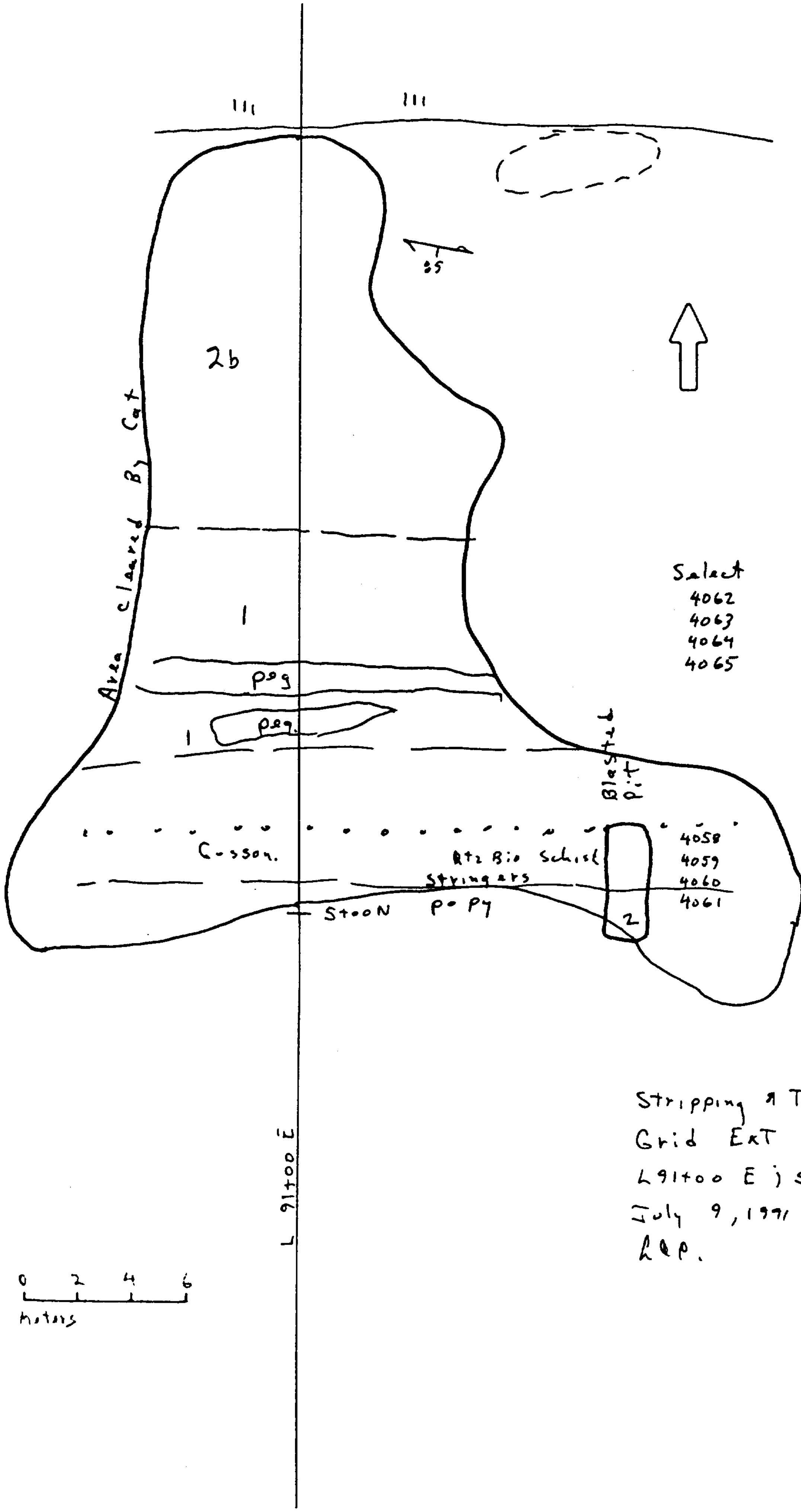
Stripping & Trenching Sketch
Grid Ext.
L 88+75 E ; 0+25N
June 27,1991
LCC.

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
2293	15	6	567	26	2959	2	117	108	99	15.50	73	8	2	EXT. GRID	88+75E	88+75E
2294	14	3	171	11	1623	.1	61	48	223	6.72	41	3	2	EXT. GRID	88+75E	88+75E
2295	22	4	324	6	1511	.1	70	61	545	9.93	32	2	2	EXT. GRID	88+75E	88+75E
2296	17	4	4	155	4427	.8	92	81	627	12.52	69	5	2	EXT. GRID	88+75E	88+75E
2296	21													EXT. GRID	88+75E	88+75E
2297	38	3	298	9	557	.1	103	69	548	10.62	12	2	2	EXT. GRID	88+75E	88+75E
2298	16	6	624	13	5276	.9	96	87	148	13.70	21	5	2	EXT. GRID	88+75E	88+75E
2299	65	6	502	24	2684	.9	88	85	154	12.21	113	3	2	EXT. GRID	88+75E	88+75E
2300	14	6	491	34	4564	2.4	119	109	112	15.48	54	10	2	EXT. GRID	88+75E	88+75E
4296	13	5	397	30	1757	2.5	81	66	175	8.53	27	10	6	EXT.	88+75E	0+25N
4297	14	7	378	29	1922	2.9	2	94	184	13.23	132	12	4	EXT.	88+75E	0+25N
4298	15	8	633	28	3127	3.1	102	91	149	13.42	63	10	6	EXT.	88+75E	0+25N



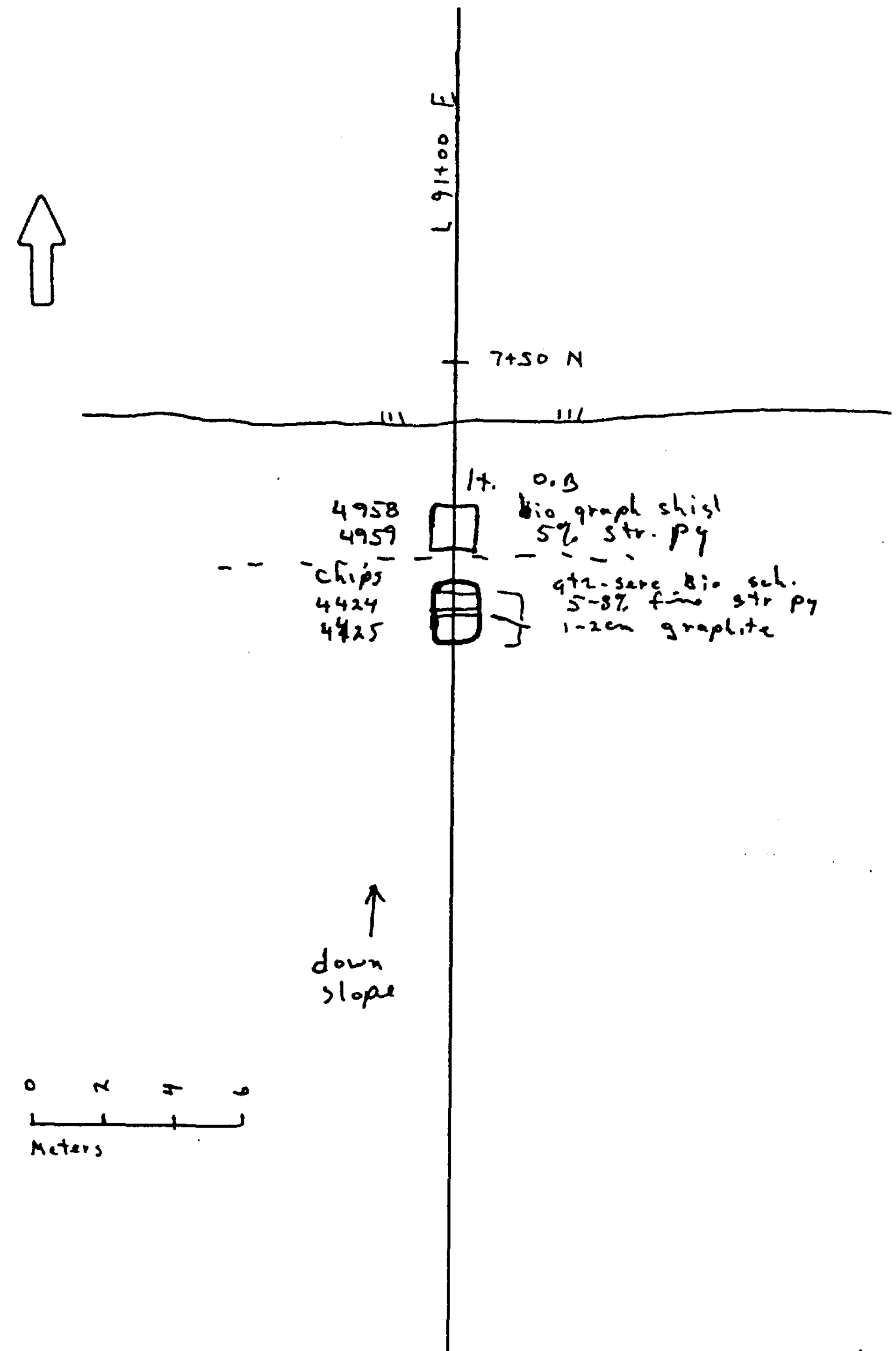
Stripping & Trenching Sketch
Grid Ext.
L 91+00 E ; 3+35 N
July 10, 1991
h.l.c.

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4077	62	5	176	30	533	.5	97	150	671	11.43	7390	2	2	EXT.	91+00E	3+35N
4078	60	3	192	25	657	.3	75	106	693	9.59	3748	2	2	EXT.	91+00E	3+35N
4098	101	5	161	24	580	1.1	117	225	724	11.14	12969	4	2	EXT.	91+00E	3+35N
4099	118	5	179	25	439	.9	127	225	587	10.91	12926	2	2	EXT.	91+00E	3+35N



Stripping & Trenching Sketch
Grid ExT
L91+00 E ; 5+00 N
July 9, 1991
LLP.

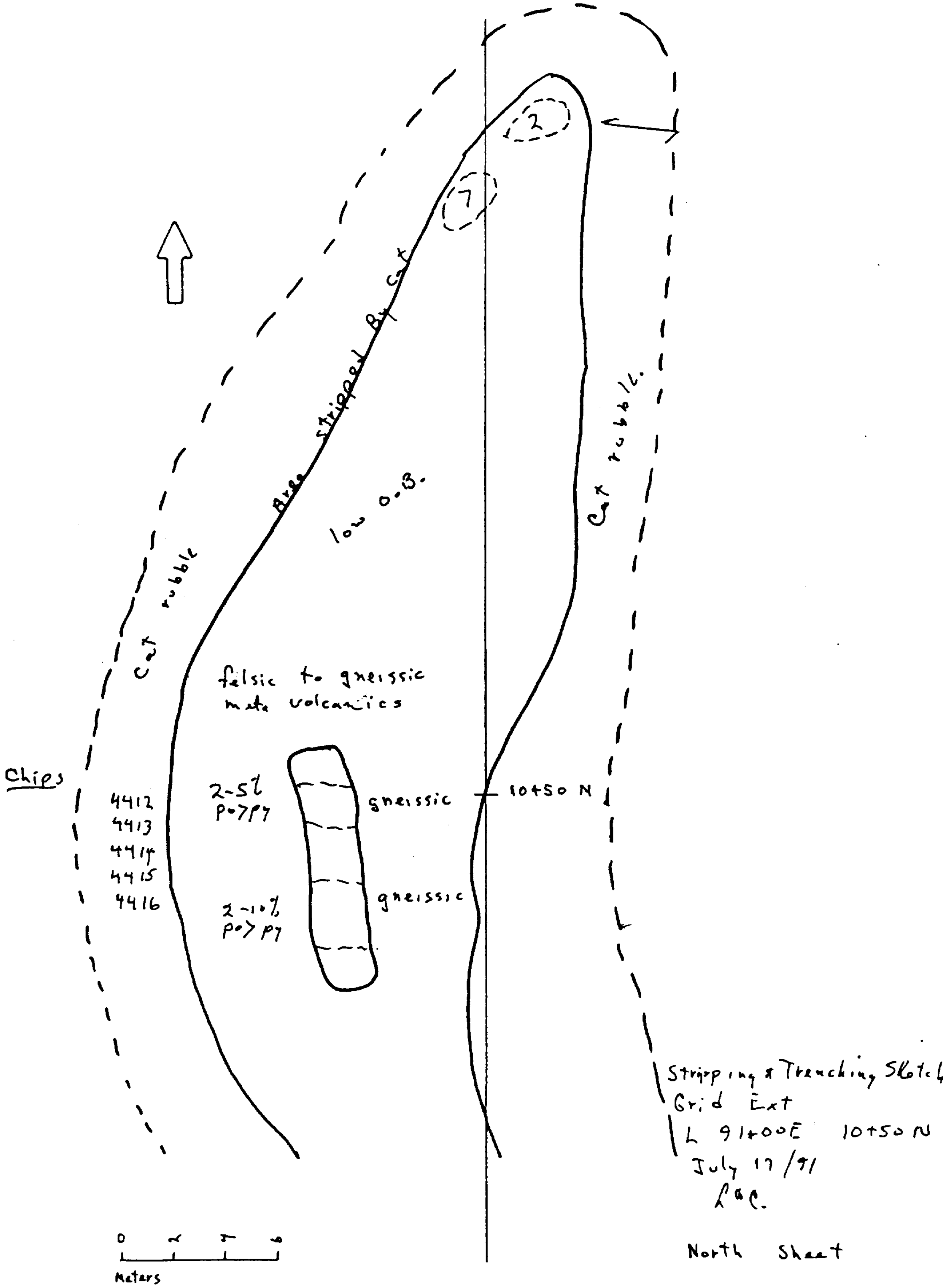
SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4058	5	7	63	25	92	.3	31	46	154	18.38	66	3	2	EXT.	91+00E	5+00N
4059	5	6	60	21	76	.2	29	41	175	16.32	14	2	2	EXT.	91+00E	5+00N
4060	5	5	57	17	93	.3	31	43	171	16	29	2	2	EXT.	91+00E	5+00N
4061	5	3	39	9	78	.1	21	21	189	10.58	19	2	2	EXT.	91+00E	5+00N
4062	5	6	58	24	86	.3	28	47	220	16.90	35	3	2	EXT.	91+00E	5+00N
4063	5	5	62	16	99	.1	32	40	246	15.04	13	2	2	EXT.	91+00E	5+00N
4064	5	6	64	29	87	.2	34	51	198	17.73	44	2	2	EXT.	91+00E	5+00N
4065	13	3	48	8	93	.1	30	32	236	12.17	25	2	2	EXT.	91+00E	5+00N
4076	5	4	36	14	171	.1	28	13	552	5.56	7	3	5	EXT.	91+00E	5+00N



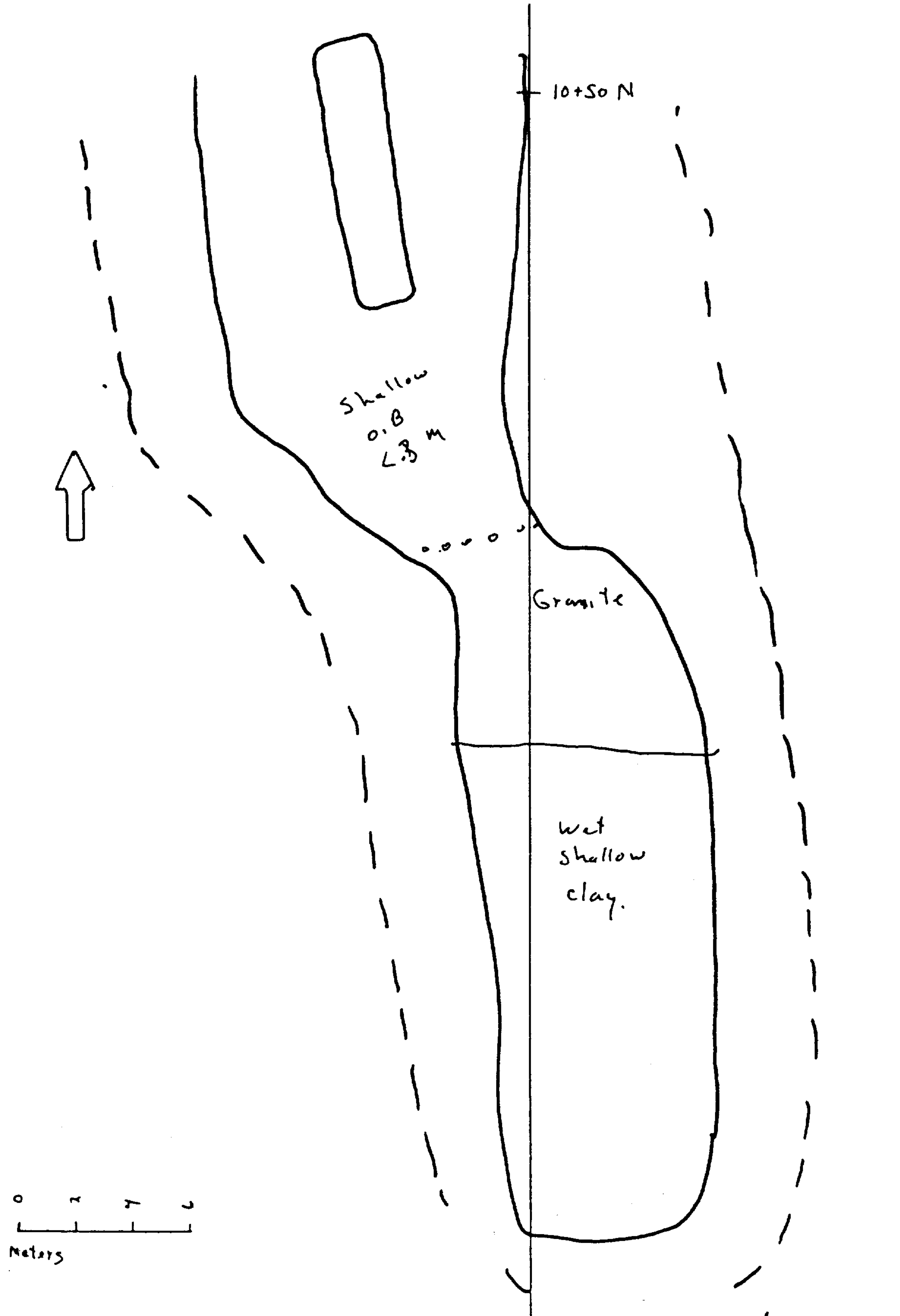
Stripping & Trenching Sketch
Grid Ext
L 91+00 E ; 7+40 N
July 25/91
R.R.

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4424	7	4	64	11	673	.1	60	34	317	4.45	11	2	3	EXT.	91+00E	7+42N
4425	5	3	41	12	404	.1	39	21	274	2.68	2	3	5	EXT.	91+00E	7+42N

4959
59 to Com

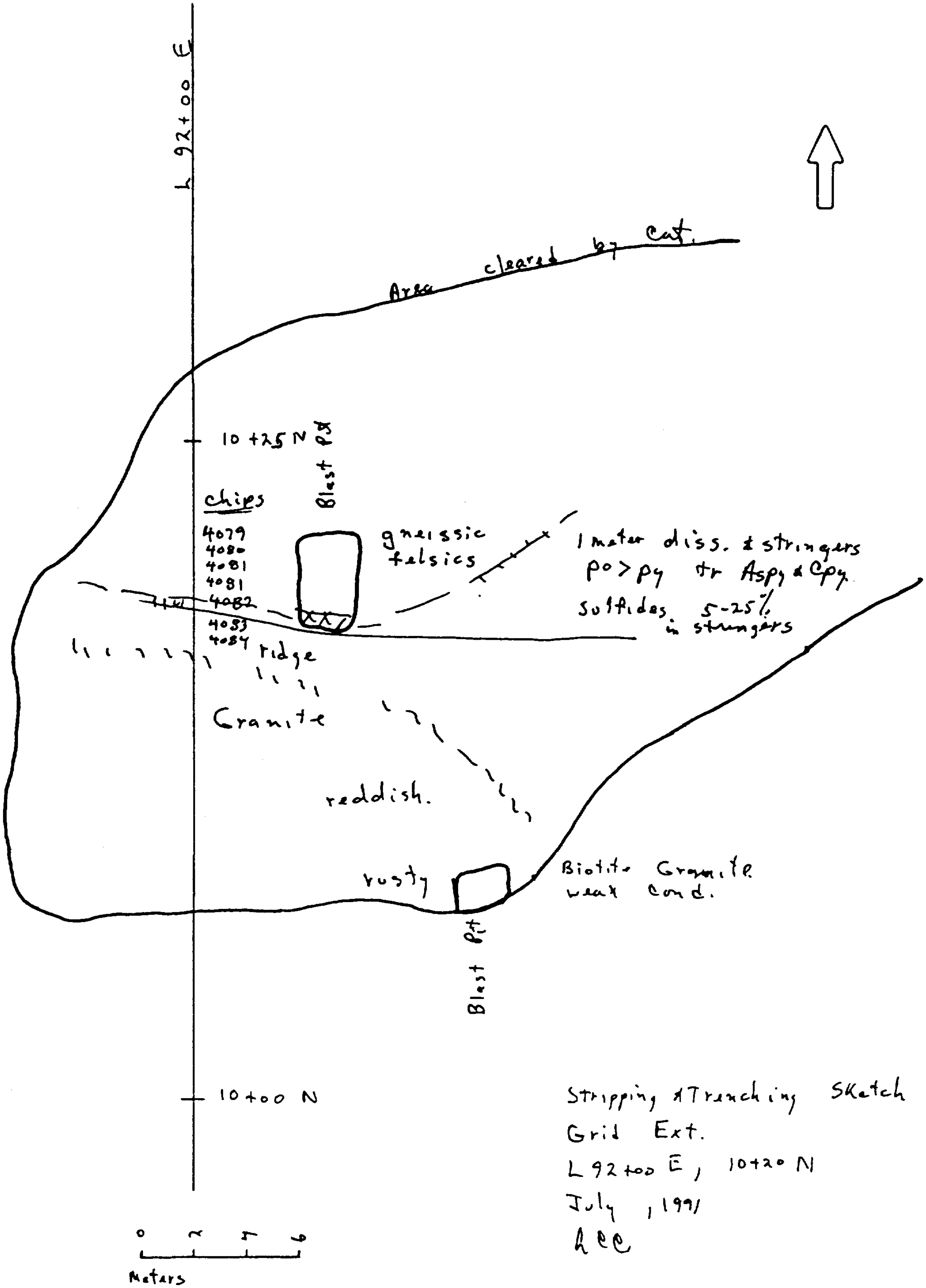


Area stripped By Cat
low O.B.
Cat rubble
Cat rubble
felsic to gneissic
meta volcanics
Chips
4412
4413
4414
4415
4416
2-5%
Po>Py
gneissic
10+50 N
gneissic
2-10%
Po>Py
2
7
meters
Stripping & Trenching Sketch
Grid Ext
L 91+00E 10+50N
July 17/91
North Sheet



Stripping & Trenching Sketch.
Grid EXT
L 91+00 E ; 10+50 N
July 17, 1991
LLP
South Sheets

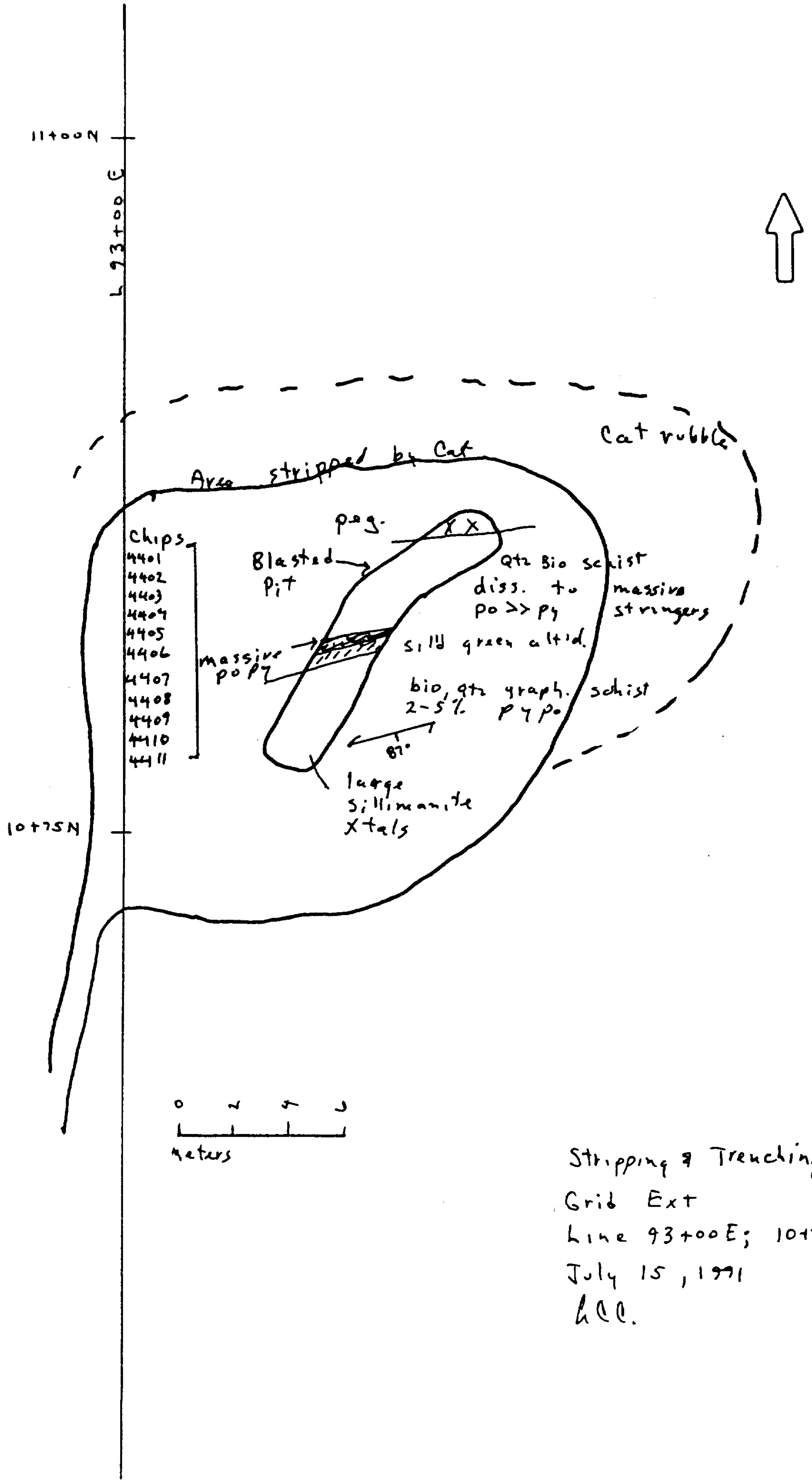
SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4412	5	17	70	13	55	.3	41	27	181	6.20	24	5	3	EXT.	91+00E	10+50N
4413	7	3	234	23	146	1.9	78	56	229	13.60	43	4	3	EXT.	91+00E	10+50N
4414	5	3	167	16	116	1.3	62	42	168	11.45	27	4	3	EXT.	91+00E	10+50N
4415	6	3	200	14	137	1.6	67	49	241	12.82	31	3	3	EXT.	91+00E	10+50N
4416	11	4	278	15	169	1.9	96	68	216	15.37	23	3	3	EXT.	91+00E	10+50N


L 92+00 E
Area cleared by Cat.
10+25 N
Blast Pit
chips
4079
4080
4081
4081
4082
4083
4084
gneissic felsics
1 meter diss. & stringers
po > py tr Aspy & Cpy
sulfides 5-25% in stringers
ridge
Granite
reddish.
rusty
Biotite Granite
weak cond.
Blast Pit
10+00 N
0 2 4 6
Meters
Stripping & Trenching Sketch
Grid Ext.
L 92+00 E, 10+20 N
July, 1991
Lee

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4079	5	9	150	18	63	.7	54	38	181	9.73	114	2	2	EXT.	92+00E	10+19N
4080	5	6	290	20	249	1.5	61	46	234	12.19	40	3	2	EXT.	92+00E	10+18N
4081	5	26	169	24	142	.9	67	53	206	13.61	26	2	2	EXT.	92+00E	10+18N
4082	5	4	46	14	283	.2	24	10	261	3.01	6	2	5	EXT.	92+00E	10+19N
4083	5	12	161	16	397	.8	52	37	184	10.63	6	4	10	EXT.	92+00E	10+18N
4084	5	2	221	9	195	.1	43	39	157	9.34	2	2	2	EXT.	92+00E	10+19N

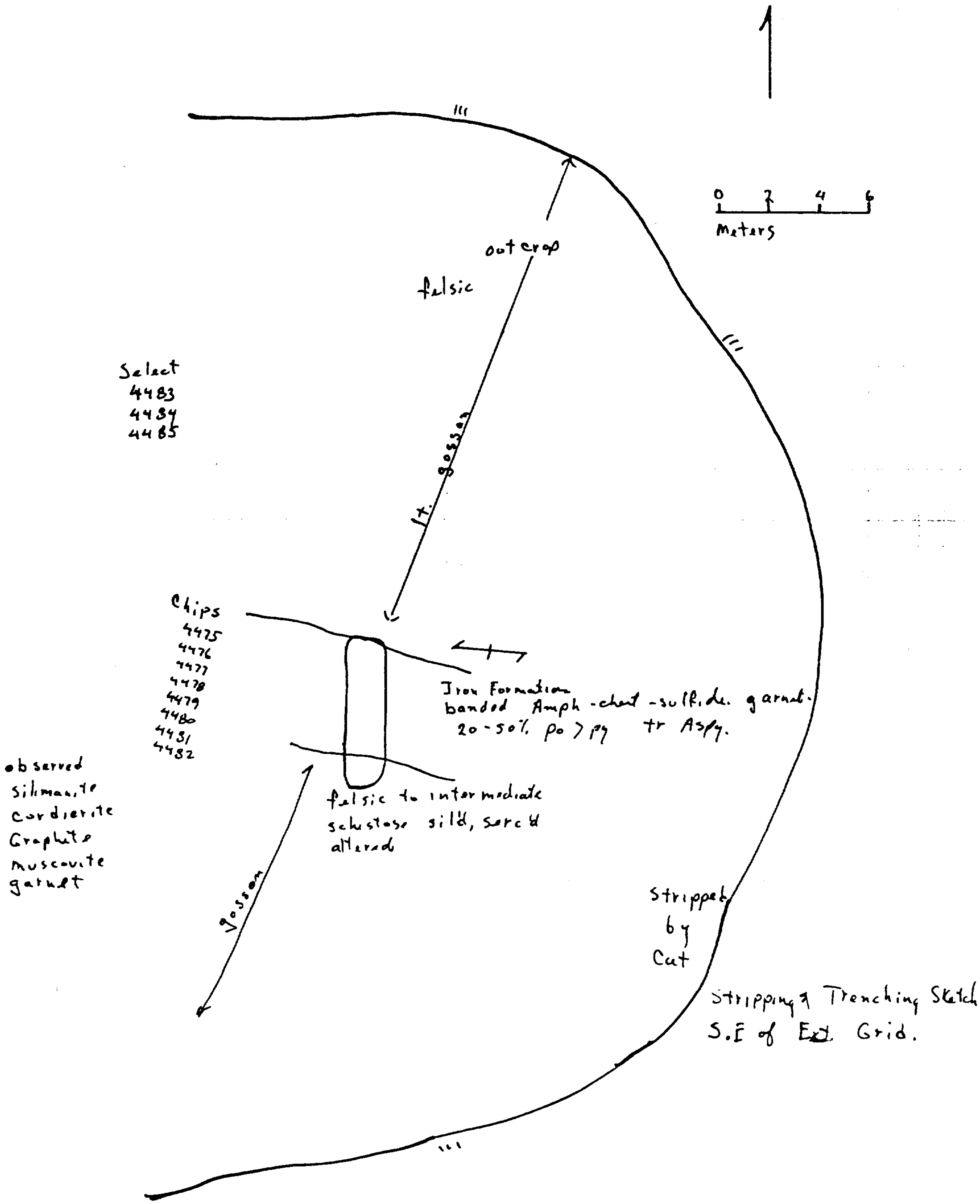
SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4085	5	7	165	36	153	.4	78	63	284	17.14	22	3	16	EXT.	92+00E	10+75N
4086	9	6	150	31	156	.5	87	63	267	15.89	49	2	15	EXT.	92+00E	10+75N
4087	5	9	247	48	107	.5	97	88	437	21.35	21	12	26	EXT.	92+00E	10+75N
4088	5	6	125	23	349	.1	53	31	544	12.39	10	2	2	EXT.	92+00E	10+75N
4089	5	4	117	17	181	.1	64	38	395	12.38	13	2	2	EXT.	92+00E	10+75N
4090	5	4	121	13	107	.1	58	36	369	12.12	11	2	2	EXT.	92+00E	10+75N
4091	5	4	128	12	298	.1	72	46	556	13.30	32	2	2	EXT.	92+00E	10+75N
4092	5	6	161	31	269	.3	79	60	369	15.72	41	2	2	EXT.	92+00E	10+75N
4093	131	4	83	14	1432	.5	63	43	589	7.76	62	4	2	EXT.	92+00E	10+75N
4094	5	9	173	37	133	1.1	89	71	380	19.25	37	9	9	EXT.	92+00E	10+75N
4095	5	6	166	19	266	.3	67	48	455	14.83	37	3	2	EXT.	92+00E	10+75N
4096	5	6	169	30	436	.1	76	56	458	15.99	79	4	2	EXT.	92+00E	10+75N

N. 4

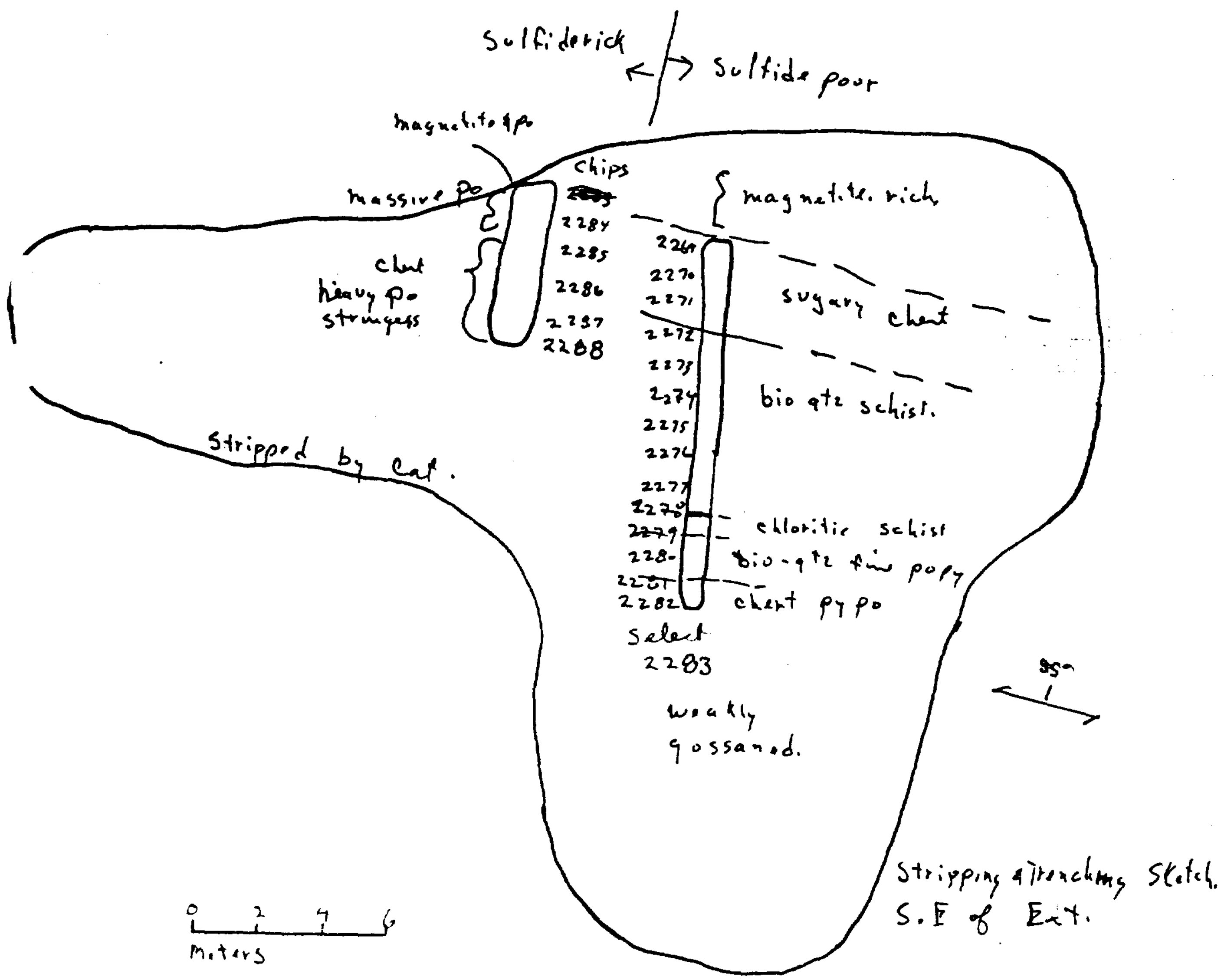


Stripping & Trenching Sketch
Grid Ext
Line 93+00E; 10+75 N
July 15, 1991
LCC.

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4401	5	3	53	53	117	.5	39	20	444	7.30	17	2		EXT.	93+00E	11+00N
4402	10	5	128	27	643	1.5	56	33	941	12.9[illegible]	31	2		EXT.	93+00E	11+00N
4402	5													EXT.	93+00E	11+00N
4403	5	6	122	25	149	.8	58	35	517	12.27	19	5		EXT.	93+00E	11+00N
4404	5	6	103	24	82	.6	56	36	176	13.09	9	2		EXT.	93+00E	11+00N
4405	5	7	140	33	165	1.7	81	56	558	16.48	31	6		EXT.	93+00E	11+00N
4406	5	5	160	23	614	1.1	54	31	1202	11.72	25	6		EXT.	93+00E	11+00N
4407	5	9	236	70	339	4.1	111	104	168	25.78	150	6		EXT.	93+00E	11+00N
4408	5	4	71	17	183	.6	45	20	626	8.08	12	7		EXT.	93+00E	11+00N
4409	5	7	201	43	100	2.3	98	75	250	19.46	115	2		EXT.	93+00E	11+00N
4410	5	5	154	23	149	1.2	68	44	715	12.88	26	4		EXT.	93+00E	11+00N
4411	5	5	41	10	1171	.4	51	26	1023	5.50	7	3		EXT.	93+00E	11+00N
4411	5													EXT.	93+00E	11+00N


0 2 4 6
Meters
outcrop
felsic
lt. gossan
Select
4483
4484
4485
Chips
4475
4476
4477
4478
4479
4480
4481
4482
Iron Formation
banded Amph-chert-sulfide-garnet.
20-50% po > py tr Aspy.
felsic to intermediate
schistose sill'd, serc'd
altered
observed
sillimanite
cordierite
Graphite
muscovite
garnet
gossan
Stripped
by
Cat
Stripping & Trenching Sketch
S.E of Ext. Grid.

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4475	7	9	160	2	67	.7	149	71	971	13.55	2004	17	2	S. OF EXT.	84+00E	I. Fi
4476	8	8	99	1	17	.3	143	64	813	14.84	1345	13	2	S. OF EXT.	84+00E	East End
4477	5	7	126	4	4	.2	106	47	587	10.56	749	10	2	S. OF EXT.	84+00E	Pd C
4478	5	5	85	1	30	.1	103	38	423	10.03	117	10	2	S. OF EXT.	84+00E	
4479	10	5	152	1	17	.9	110	47	267	14.18	269	3	2	S. OF EXT.	84+00E	
4480	5	5	113	4	34	.8	101	43	280	12.62	374	3	2	S. OF EXT.	84+00E	
4480	12													S. OF EXT.	84+00E	
4481	5	6	74	7	60	1.1	94	40	319	9.10	260	14	2	S. OF EXT.	84+00E	
4482	5	6	41	4	30	.1	73	40	197	4.41	441	2	2	S. OF EXT.	84+00E	
4483	5	5	94	4	65	.6	103	57	795	11.03	1707	7	2	S. OF EXT.	84+00E	
4484	13	7	169	10	58	2.8	169	104	19	18.68	3245	7	2	S. OF EXT.	84+00E	
4485	5	10	57	3	42	.1	110	40	196	5.02	80	3	2	S. OF EXT.	84+00E	

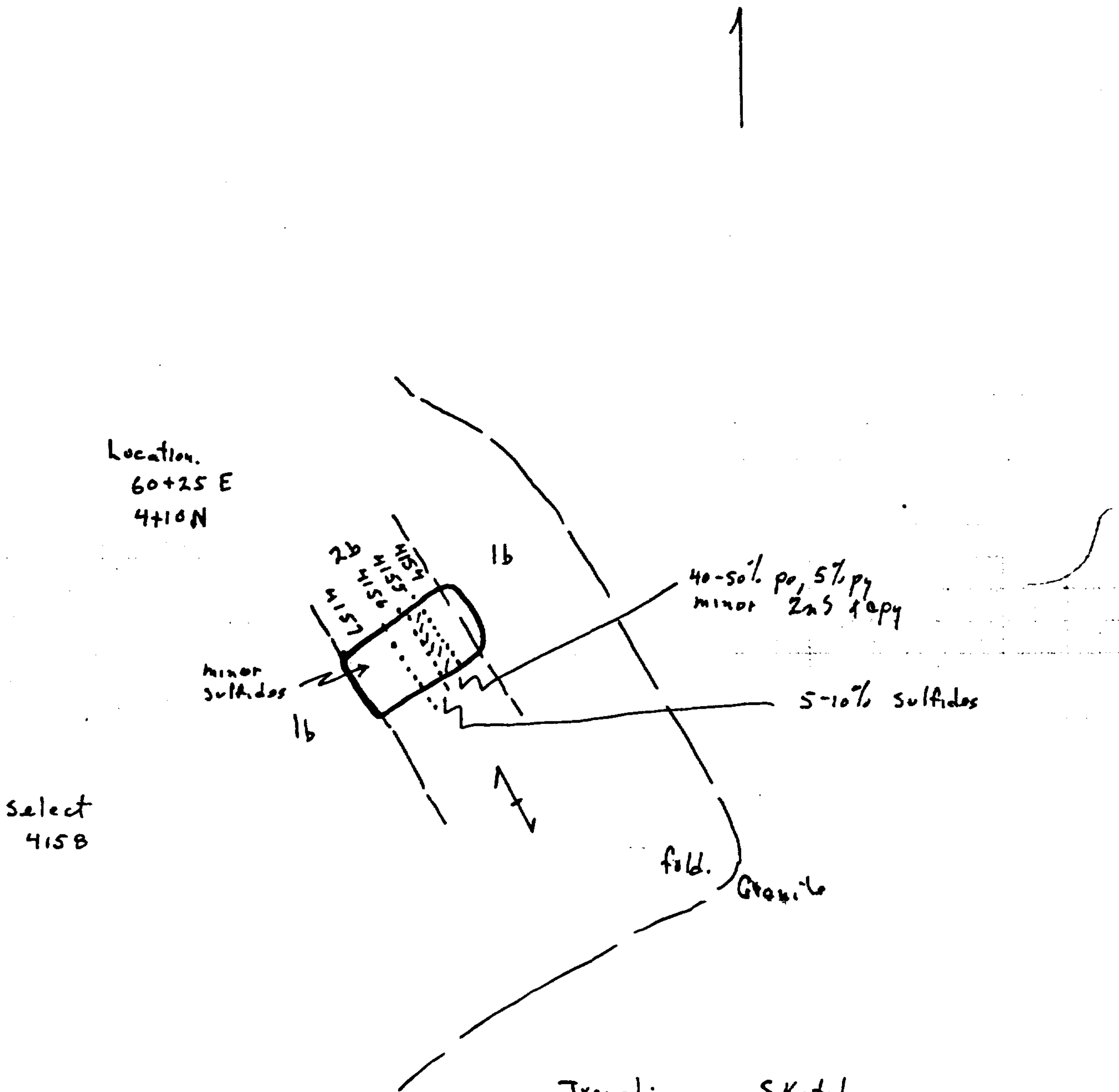

Sulfide rich
Sulfide poor
magnetite & po
massive po
chips
2284
2285
2286
2287
2288
chert
heavy po
stringers
magnetite rich
2269
2270
2271
2272
2273
2274
2275
2276
2277
2278
2279
2280
2281
2282
sugary chert
bio qtz schist.
chloritic schist
bio-qtz fine po py
chert py po
Select
2283
weakly
gossaned.
Stripped by Cat.
85°
0 2 4 6
meters
Stripping & trenching Sketch.
S.E of Ext.

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
2269	10	1	25	1	33	.1	23	7	308	3.78	6	2	2	S OF EXT.	I.F. E. PY A	
2270	12	1	43	1	63	.1	37	15	510	8.34	24	2	2	S OF EXT.		
2271	5	1	15	1	23	.1	19	10	172	1.76	24	2	2	S OF EXT.		
2272	5	2	9	1	8	.1	19	10	103	.90	46	2	2	S OF EXT.		
2273	7	2	16	3	11	.1	29	14	158	1.64	24	2	2	S OF EXT.		
2274	9	2	52	1	92	.5	82	43	472	6.07	109	2	2	S OF EXT.		
2275	11	3	66	3	104	1.5	101	61	586	8.42	15	5	2	S OF EXT.		
2276	8	2	69	8	98	.6	71	37	521	5.28	64	4	2	S OF EXT.		
2277	11	3	98	21	118	.6	115	58	477	6.36	11	8	19	S OF EXT.		
2278	29	4	86	23	116	.8	87	44	575	6.71	62	10	19	S OF EXT.		
2278	18													S OF EXT.		
2279	13	2	120	5	116	.6	130	67	501	6.92	167	7	2	S OF EXT.		
2280	10	3	100	11	123	.5	108	52	585	6.36	97	6	2	S OF EXT.		
2281	13	3	187	15	220	1.1	139	60	511	8.20	181	9	2	S OF EXT.		
2282	13	3	197	9	319	1	187	95	350	10.39	1542	7	2	S OF EXT.		
2283	18	1	51	1	57	.4	47	20	492	7.64	39	2	2	S OF EXT.		
2284	17	3	169	15	125	2.9	96	63	509	23.19	62	10	11	S OF EXT.	J.F. W. PY B	
2285	21	3	128	21	133	3.9	85	62	714	23.22	35	15	19	S OF EXT.		
2286	11	2	100	3	113	1.2	64	46	602	17.47	114	5	2	S OF EXT.		
2287	16	1	91	1	93	.1	55	40	549	16.18	53	2	2	S OF EXT.		
2287	16													S OF EXT.		
2288	15	1	79	1	66	.1	56	30	343	13.96	8	2	2	S OF EXT.		

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4426	8	7	359	23	4404	1.1	83	68	526	5.38	8	7	3	N. OF EXT.	~~[illegible]~~ Ext.	~~[illegible]~~ N. Bay

Pit D

AMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4958	6	5	462	7	8128	1.8	154	121	461	21.31	2	20	5	GRID C S.	PIT K		
4959	5	3	659	4	268	.6	139	106	232	11.10	31	12	5	GRID C S.	PIT L		



Trenching Sketch.
Det Grid.
60+25 E 4+10 N

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.
4154	5	5	197	19	510	.4	48	38	273	4.27	37	9	3	DETAIL	60+25E	4+10N
4155	5	14	483	27	4070	.9	146	128	308	13.42	69	12	3	DETAIL	60+25E	4+10N
4156	6	8	322	26	1476	1.7	82	82	411	7.58	289	12	3	DETAIL	60+25E	4+10N
4157	5	4	71	11	537	.8	35	37	302	4.10	29	11	3	DETAIL	60+25E	4+10N
4158	6	15	703	31	4505	.8	165	145	576	15.18	26	12	3	DETAIL	60+25E	4+10N
4176	5	8	157	36	898	1.1	63	36	278	2.36	16	5	3	DETAIL	59+50E	4+75N
4177	16	10	1273	104	5327	2.4	144	119	361	8.63	17	8	3	DETAIL	59+50E	1+60N

ONEMAN LAKE, ONTARIO
ASSAY RESULTS

AREA ORDER

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4154	5	5	197	19	510	.4	48	38	273	4.27	37	9	3	DETAIL	60+25E	4+10N	
4155	5	14	483	27	4070	.9	146	128	308	13.42	69	12	3	DETAIL	60+25E	4+10N	
4156	6	8	322	26	1476	1.7	82	82	411	7.58	289	12	3	DETAIL	60+25E	4+10N	
4157	5	4	71	11	537	.8	35	37	302	4.10	29	11	3	DETAIL	60+25E	4+10N	
4158	6	15	703	31	4505	.8	165	145	576	15.18	26	12	3	DETAIL	60+25E	4+10N	
4176	5	8	157	36	898	1.1	63	36	278	2.36	16	5	3	DETAIL	59+50E	4+75N	
4177	16	10	1273	104	5327	2.4	144	119	361	8.63	17	8	3	DETAIL	59+50E	1+60N	
4001	5	4	20	0	16	.1	17	5	202	2.14	17	2	3	GRID A	13+20E	3+25S5	SURFACE CHIPS
4002	27	8	66	6	98	.5	34	34	275	3.86	3339	6	3	GRID A	7+87E	1+87N	SURFACE CHIPS
4003	94	11	134	8	52	.4	87	87	321	4.52	10222	21	3	GRID A	7+75E	1+62N	SURFACE CHIPS
4004	5	5	33	6	81	.1	96	35	259	3.94	171	10	3	GRID A	5+00E	3+00S	SURFACE CHIPS
4005	5	8	54	14	111	.5	38	17	187	3.08	31	7	3	GRID A	2+00E	1+20N	SURFACE CHIPS
4006	5	9	111	30	232	1.5	54	28	158	3.79	24	6	3	GRID A	9+25E	1+50N	SURFACE CHIPS
4007	5	9	63	24	1209	.7	51	22	334	4.36	47	9	3	GRID A	9+25E	1+55N	SURFACE CHIPS
4008	5	8	82	25	254	1.0	43	20	152	3.52	81	6	3	GRID A	8+75E	1+50N	SURFACE CHIPS
4009	5	10	79	14	235	.6	65	31	524	3.23	33	10	3	GRID A	8+50E	1+60N	SURFACE CHIPS
4010	5	12	347	23	428	1.4	96	56	245	6.42	27	11	3	GRID A	8+50E	1+70N	SURFACE CHIPS
4010	5													GRID A	8+50E	1+70N	SURFACE CHIPS
4011	40	13	147	7	51	.6	100	97	256	4.36	6992	22	3	GRID A	7+75E	1+62N	SURFACE CHIPS
4012	13	11	271	13	6299	1.4	89	67	357	3.46	353	12	3	GRID A	6+75E	1+60N	SURFACE CHIPS
4013	5	5	97	13	229	.8	27	20	727	5.14	41	10	3	GRID A	6+50E	1+60N	SURFACE CHIPS
4014	5	7	70	17	119	.6	47	37	257	4.37	188	8	3	GRID A	5+12E	0+90N	SURFACE CHIPS
4015	9	17	146	4	520	.7	79	49	387	10.27	17	10	3	GRID A	5+12E	0+84N	SURFACE CHIPS
4016	6	12	194	19	512	1.3	68	55	213	8.06	22	5	3	GRID A	6+00E	1+05N	SURFACE CHIPS
4017	5	9	112	10	65	.7	104	34	563	4.20	28	15	3	GRID A	6+00E	0+87N	SURFACE CHIPS
4018	5	4	42	10	38	.4	33	17	513	4.49	15	8	3	GRID A	6+67E	0+87N	SURFACE CHIPS
4019	5	3	7	8	40	.6	8	3	139	1.38	31	2	3	GRID A	9+50E	4+00N	SURFACE CHIPS
4019	5													GRID A	9+50E	4+00N	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4254	6	8	1208	3	3450	1.5	134	97	140	11.51	5	9	3	GRID A	7+80E	1+80N	
4255	7	8	1131	19	2992	1.9	141	102	296	12.16	25	8	3	GRID A	7+80E	1+80N	
4256	16	9	822	10	6246	2.6	269	216	149	17.00	4	15	3	GRID A	7+80E	1+80N	
4257	9	9	1291	11	1601	3.1	225	182	193	18.32	39	14	3	GRID A	7+80E	1+80N	
4258	6	10	528	10	9551	1.3	128	93	418	9.76	15	10	3	GRID A	7+80E	1+80N	
4258	8													GRID A	7+80E	1+80N	
4259	5	9	280	2	9319	.9	121	86	321	10.65	2	11	3	GRID A	7+80E	1+80N	
4260	5	8	507	2	4804	.7	125	86	333	11.67	10	10	3	GRID A	7+80E	1+80N	
4261	5	4	461	20	1605	.9	86	49	238	6.65	4	9	3	GRID A	8+25E	1+80N	
4262	7	4	474	9	2879	.8	92	52	283	6.65	3	7	3	GRID A	8+25E	1+80N	
4263	5	4	588	8	1800	1.1	114	66	392	8.30	3	10	3	GRID A	8+25E	1+80N	
4264	5	4	620	13	3301	1.0	110	66	182	8.36	4	5	3	GRID A	8+25E	1+80N	
4265	19	5	482	24	1859	1.4	119	78	230	9.91	72	9	3	GRID A	8+20E	1+80N	
4266	37	6	730	22	4255	1.6	143	94	233	11.57	29	13	3	GRID A	8+20E	1+80N	
4267	20	4	162	10	1120	.5	60	34	325	4.49	44	9	3	GRID A	8+20E	1+80N	
4267	18													GRID A	8+20E	1+80N	
4268	19	3	163	9	899	.3	46	26	286	3.35	49	7	3	GRID A	8+20E	1+80N	
4269	37	6	1635	23	2601	2.8	166	110	181	12.80	16	9	3	GRID A	8+20E	1+80N	
4270	24	4	6066	15	2377	2.5	80	49	252	6.82	40	7	3	GRID A	8+20E	1+80N	
4271	7	9	826	7	6049	1.1	128	90	328	10.46	51	8	3	GRID A	7+75E	1+80N	
4272	8	7	244	17	3315	.4	68	49	303	6.31	117	9	3	GRID A	7+75E	1+80N	
4273	11	8	631	6	6274	1.4	145	103	251	11.89	4	7	3	GRID A	7+75E	1+80N	
4274	10	4	703	73	1950	2.3	114	82	233	10.40	55	7	3	GRID A	7+75E	1+80N	
4275	10	9	383	8	5469	1.3	125	86	355	10.14	2	10	3	GRID A	7+75E	1+80N	
4276	15	8	433	6	6615	2.0	203	154	122	14.62	4	12	3	GRID A	7+75E	1+80N	
4276	16													GRID A	7+75E	1+80N	
4393	5	4	59	7	148	.2	44	39	273	3.86	19	2	4	GRID A	PIT X		SURFACE CHIPS
4394	5	6	556	3	1796	2.4	74	101	127	16.37	38	4	2	GRID A	PIT X		SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4395	5	7	197	14	48	1.9	93	119	105	19.96	42	5	2	GRID A	PIT X		SURFACE CHIPS
4396	6	6	1143	9	102	3.5	59	249	49	14.78	30	8	2	GRID A	PIT X		SURFACE CHIPS
4397	5	7	98	17	131	.8	60	37	206	4.71	16	9	16	GRID A	PIT X		SURFACE CHIPS
4398	5	5	250	13	485	2.5	52	56	177	8.90	18	6	9	GRID A	PIT X		SURFACE CHIPS
4399	5	5	49	6	132	.9	40	34	168	5.12	34	8	10	GRID A	PIT X		SURFACE CHIPS
4400	8	8	257	13	51	2.1	52	44	35	6.75	14	2	12	GRID A	PIT X		SURFACE CHIPS
4502	21	6	54	10	154	.2	32	21	317	3.14	129	3	3	GRID A	PIT X		SURFACE CHIPS
4151	6	13	453	20	3678	1.0	127	103	753	9.22	20	14	3	GRID B	7+00E	~1+55N	
4152	5	6	125	14	231	1.2	43	21	263	1.96	14	9	3	GRID B	7+00E	~1+55N	
4153	5	6	137	20	641	1.0	50	36	517	3.60	79	13	3	GRID B	7+00E	~1+55N	
4159	9	16	426	27	1895	1.4	140	166	286	18.24	92	13	3	GRID B	~24+00E	4+10N	
4160	6	6	148	12	135	.3	51	43	124	4.14	25	9	3	GRID B	~24+00E	4+10N	
4160	7													GRID B	~24+00E	4+10N	
4161	7	5	84	17	53	1.0	40	36	223	3.73	57	10	3	GRID B	~24+00E	4+10N	
4162	12	11	211	15	684	1.6	72	78	350	11.02	24	12	3	GRID B	24+50E	1+50N	
4163	10	4	124	24	53	.8	49	49	106	3.84	32	8	3	GRID B	24+25E	1+60N	
4163	9													GRID B	24+25E	1+60N	
4164	10	13	350	46	4268	2.1	123	93	475	9.07	67	7	3	GRID B	24+40E	1+60N	
4165	10	10	289	25	2995	1.0	93	66	376	8.26	24	5	3	GRID B	24+40E	1+60N	
4166	7	9	363	25	2078	1.5	94	77	557	9.26	20	8	3	GRID B	24+40E	1+60N	
4167	7	8	165	12	923	1.1	131	104	466	11.35	16	5	3	GRID B	24+40E	1+60N	
4168	6	7	414	25	1215	1.8	122	116	695	12.35	8	7	3	GRID B	24+40E	1+60N	
4169	6	8	326	24	1454	1.7	150	156	557	14.97	26	4	3	GRID B	24+40E	1+60N	
4170	7	11	392	26	4384	2.1	146	143	396	13.17	33	9	3	GRID B	24+40E	1+60N	
4171	7	13	366	44	1785	1.6	127	92	453	9.16	45	8	3	GRID B	24+40E	1+60N	
4172	8	7	656	12	1448	1.1	97	72	647	10.15	7	2	3	GRID B	24+40E	1+60N	
4173	10	9	485	28	3987	1.3	96	59	438	7.07	33	7	3	GRID B	24+40E	1+60N	
4174	7	15	274	30	10270	2.3	152	165	224	17.21	140	18	3	GRID B	24+40E	1+60N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4174	9													GRID B	24+40E	1+60N	
4175	10	9	598	14	4482	2.1	135	124	308	14.82	130	9	3	GRID B	24+40E	1+60N	
4178	10	16	627	35	5061	2.8	178	198	101	19.57	32	18	3	GRID B	24+25E	1+60N	
4178	12													GRID B	24+25E	1+60N	
4179	6	8	396	20	916	2.0	140	154	421	17.45	62	10	3	GRID B	24+25E	1+60N	
4180	6	10	510	12	2331	2.5	149	112	455	11.73	8	3	3	GRID B	24+25E	1+60N	
4181	10	9	403	81	4452	1.7	104	75	377	6.04	17	5	3	GRID B	24+25E	1+60N	
4182	18	16	871	28	10720	2.5	188	186	491	13.76	104	11	3	GRID B	24+25E	1+60N	
4193	14	11	328	35	4355	1.2	102	94	740	8.46	20	12	3	GRID B	7+00E	1+60N	
4194	32	9	1301	90	3385	1.5	73	74	976	6.05	29	124	3	GRID B	7+00E	1+60N	
4195	17	12	249	11	3115	1.3	96	71	773	8.52	107	13	3	GRID B	7+00E	1+60N	
4196	22	10	463	44	5201	1.2	103	79	769	8.16	21	15	3	GRID B	7+00E	1+60N	
4197	11	9	418	30	9138	.9	89	67	619	8.28	13	13	3	GRID B	7+00E	1+60N	
4198	36	11	902	18	7022	2.3	233	180	517	15.29	101	15	3	GRID B	7+00E	1+60N	
4198	33													GRID B	7+00E	1+60N	
4199	15	7	1349	34	7216	1.8	78	47	450	7.62	17	12	3	GRID B	7+00E	1+60N	
4199	12													GRID B	7+00E	1+60N	
4200	13	9	1570	26	4975	1.7	84	52	436	8.48	33	8	3	GRID B	7+00E	1+60N	
4251	17	6	4864	26	3687	3.9	129	100	473	14.09	29	8	3	GRID B	8+50E	1+60N	
4252	26	7	4221	34	3167	4.0	137	107	490	14.98	67	12	3	GRID B	8+50E	1+60N	
4253	13	9	506	30	2344	3.0	201	166	741	17.39	40	13	3	GRID B	8+50E	1+60N	
4277	10	5	378	12	2771	.8	155	148	441	15.81	5	6	3	GRID B	19+00E	2+01N	
4278	14	10	322	33	5211	1.3	239	260	449	22.54	46	10	3	GRID B	19+00E	2+01N	
4279	9	9	645	37	3384	.9	141	131	371	15.04	17	2	3	GRID B	19+00E	2+01N	
4280	34	9	2608	55	4405	1.6	130	112	277	12.42	23	2	3	GRID B	19+00E	2+01N	
4281	13	10	217	46	434	3.3	434	468	245	24.77	25	15	14	GRID B	19+00E	2+01N	
4282	11	12	624	35	20928	2.2	265	295	422	21.08	402	19	3	GRID B	19+00E	2+01N	
4282	16													GRID B	19+00E	2+01N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4283	8	8	648	27	5867	1.3	136	121	555	13.21	24	4	3	GRID B	19+00E	2+01N	
4284	37	8	961	36	5636	1.2	149	142	670	14.67	29	9	3	GRID B	19+00E	2+01N	
4376	8	9	23	48	44	.1	16	8	69	1.92	42	6	5	GRID B	23+80E	1+95N	SURFACE CHIPS
4377	5	3	130	35	72	.1	23	21	165	2.71	66	6	3	GRID B	15+00E	2+00N	SURFACE CHIPS
4378	5	3	53	15	81	.1	16	12	224	2.95	31	4	3	GRID B	15+00E	2+00N	SURFACE CHIPS
4379	5	4	72	11	101	.3	37	22	223	5.57	2	6	3	GRID B	15+00E	2+00N	SURFACE CHIPS
4417	17	6	810	79	5765	2.5	112	103	638	13.24	47	10	3	GRID B	8+50E	1+50N	
4418	14	8	672	66	5229	1.6	140	125	363	13.87	24	5	3	GRID B	8+50E	1+50N	
4418	15													GRID B	8+50E	1+50N	
4419	31	6	288	28	3823	.9	100	94	463	11.01	10	6	3	GRID B	8+50E	1+50N	
4420	21	6	1042	80	4081	1.5	104	98	455	11.89	51	7	3	GRID B	8+50E	1+50N	
4421	12	7	929	50	3684	1.4	114	106	484	12.70	18	8	3	GRID B	8+50E	1+50N	
4422	18	9	627	25	5572	1.1	118	106	683	12.04	16	10	3	GRID B	8+50E	1+50N	
4423	19	8	374	29	6429	1.4	126	116	340	14.09	114	11	3	GRID B	8+50E	1+50N	
4881	17	7	547	17	6263	1.4	130	107	251	18.08	49	12	5	GRID B	24+80E	1+75N	
4881	17													GRID B	24+80E	1+75N	
4882	5	10	327	24	2450	.4	115	103	298	14.12	110	2	5	GRID B	24+80E	1+75N	
4883	5	12	190	58	1584	.3	79	66	447	9.41	47	8	5	GRID B	24+80E	1+75N	
4884	10	9	730	33	2755	.8	126	110	385	14.35	132	2	5	GRID B	24+80E	1+75N	
4885	5	8	337	28	4122	.6	88	81	282	10.05	34	2	9	GRID B	24+80E	1+75N	
4886	10	9	1182	25	3526	1.6	86	76	379	11.45	90	2	8	GRID B	24+80E	1+75N	
4886	10													GRID B	24+80E	1+75N	
4887	5	8	302	18	2050	.1	101	87	136	12.43	54	3	5	GRID B	24+80E	1+75N	
4888	16	15	1235	53	19408	1.8	133	107	418	13.81	27	30	5	GRID B	24+80E	1+75N	
4889	5	8	485	13	3524	.1	96	82	448	12.87	41	11	5	GRID B	24+10E	1+75N	
4890	5	8	413	18	4078	2.1	175	174	436	19.57	33	16	12	GRID B	24+10E	1+75N	
4891	5	5	489	3	5894	.8	163	162	294	17.97	33	9	5	GRID B	24+10E	1+75N	
4892	5	7	3420	2	14664	1.2	86	94	396	10.98	210	21	5	GRID B	24+10E	1+75N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4893	5	7	354	10	1968	.1	111	95	447	15.93	44	8	5	GRID B	24+10E	1+75N	
4894	5	8	185	5	2350	.4	133	103	308	16.56	21	6	10	GRID B	24+10E	1+75N	
4895	5	6	311	5	776	.8	93	82	585	19.80	17	11	5	GRID B	20+75E	1+75N	
4895	5													GRID B	20+75E	1+75N	
4896	5	7	364	8	633	1.0	101	92	544	20.79	23	6	5	GRID B	20+75E	1+75N	
4897	10	9	332	14	1017	1.1	125	113	604	23.22	76	10	8	GRID B	20+75E	1+75N	
4898	5	9	339	9	2989	.8	111	94	738	20.85	28	5	5	GRID B	20+75E	1+75N	
4899	16	10	345	18	1094	1.8	118	110	784	22.92	35	11	16	GRID B	20+75E	1+75N	
4900	10	8	274	10	4927	.2	83	70	947	17.92	36	3	5	GRID B	20+75E	1+75N	
4901	10	9	358	19	2941	1.5	129	101	645	22.02	56	4	8	GRID B	20+75E	1+75N	
4902	10	6	259	8	1436	.1	86	66	806	16.31	12	2	5	GRID B	20+75E	1+75N	
4903	5	9	279	12	3615	.1	77	56	811	14.37	17	2	5	GRID B	20+75E	1+75N	
4904	5	6	161	11	934	.1	56	51	759	11.29	77	2	5	GRID B	20+75E	1+75N	
4904	5													GRID B	20+75E	1+75N	
4905	10	6	350	10	2472	.6	76	74	814	14.21	1218	2	5	GRID B	20+75E	1+75N	
4906	5	6	477	11	226	.7	149	152	336	27.68	12	2	5	GRID B	20+75E	1+75N	
4907	5	7	666	14	548	1.5	132	132	538	25.51	22	4	14	GRID B	20+75E	1+75N	
4908	10	8	522	25	265	3.2	158	178	309	30.44	109	12	32	GRID B	20+75E	1+75N	
4909	5	9	415	13	1735	2.6	108	95	767	20.06	34	6	26	GRID B	20+75E	1+75N	
4909	5													GRID B	20+75E	1+75N	
4910	7	5	272	2	1404	.3	71	72	523	15.74	9	2	5	GRID B	16+80E	1+75N	
4911	7	8	306	2	1325	.4	75	75	492	16.70	125	2	5	GRID B	16+80E	1+75N	
4912	7	5	161	2	1204	.2	59	51	569	12.02	15	2	5	GRID B	16+80E	1+75N	
4913	5	6	155	11	1550	1.1	57	50	577	10.96	39	9	5	GRID B	16+80E	1+75N	
4914	7	6	190	3	2211	.6	83	54	522	13.15	15	2	5	GRID B	16+80E	1+75N	
4915	5	6	244	6	2334	.4	68	54	458	14.06	100	2	5	GRID B	16+80E	1+75N	
4916	5	6	195	22	2411	1.1	41	39	500	6.30	30	2	5	GRID B	16+80E	1+75N	
4917	7	7	235	2	854	.5	67	59	573	13.94	5	2	5	GRID B	16+80E	1+75N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4918	7	7	347	3	1567	.3	89	91	386	18.98	11	2	5	GRID B	16+80E	1+75N	
4919	14	9	369	8	2777	.3	128	140	537	24.74	59	3	5	GRID B	16+80E	1+75N	
4919	14													GRID B	16+80E	1+75N	
4920	7	7	314	2	1900	.2	74	64	627	13.47	55	2	5	GRID B	16+80E	1+75N	
4921	14	9	277	6	326	.3	142	139	361	25.63	6	5	5	GRID B	16+80E	1+75N	
4922	7	9	294	2	819	.2	182	104	480	20.61	19	2	5	GRID B	16+80E	1+75N	
4923	14	9	284	3	2673	.4	93	116	422	19.78	24	2	5	GRID B	16+80E	1+75N	
4924	28	8	327	14	3135	.5	83	76	440	15.28	47	2	5	GRID B	13+00E	1+45N	
4925	21	10	1190	24	3702	1.2	76	63	410	15.15	21	3	5	GRID B	13+00E	1+45N	
4926	21	8	555	24	2657	.4	70	70	566	12.96	22	7	5	GRID B	13+00E	1+45N	
4927	42	10	526	9	1646	.3	107	92	382	20.80	33	3	5	GRID B	13+00E	1+45N	
4928	21	11	1156	30	4707	1.2	80	85	458	14.79	65	8	5	GRID B	13+00E	1+45N	
4928	14													GRID B	13+00E	1+45N	
4929	94	8	980	22	2456	1.5	110	230	1286	21.16	8	2	5	GRID B	13+00E	1+45N	
4929	62													GRID B	13+00E	1+45N	
4930	84	9	1394	34	5616	2.8	149	128	358	17.29	38	21	6	GRID B	3+45E	1+35N	
4931	5	10	700	39	4919	2.4	105	93	317	11.97	32	17	3	GRID B	3+45E	1+35N	
4932	5	13	590	34	6028	2.7	151	122	408	16.95	38	20	5	GRID B	3+45E	1+35N	
4933	7	8	455	36	3287	2.1	132	128	346	13.42	36	14	3	GRID B	3+45E	1+35N	
4934	9	7	571	27	5440	1.3	146	124	234	16.98	17	7	3	GRID B	3+45E	1+35N	
4935	14	8	1170	35	6517	1.7	152	126	278	17.27	32	9	7	GRID B	3+45E	1+35N	
4936	5	10	401	10	8177	.9	122	106	236	13.98	11	8	6	GRID B	3+45E	1+35N	
4937	5	9	326	15	5014	.7	120	111	406	11.85	27	4	3	GRID B	3+95E	1+35N	
4938	9	7	1017	14	3137	1.1	150	122	482	13.29	41	9	3	GRID B	3+95E	1+35N	
2267	5	3	25	28	85	.4	27	16	90	1.84	3	2	11	GRID C	11+00E		SURFACE CHIPS
2268	10	2	277	16	110	.8	60	51	350	7.63	76	7	3	GRID C	10+00E		SURFACE CHIPS
4052	36	4	59	4	42	.2	60	3	300	6.97	38	2	3	GRID C	27+00E	2+00N	SURFACE CHIPS
4053	5	3	96	8	58	.5	35	7	305	4.52	28	2	3	GRID C	27+00E	3+10N	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4054	8	5	99	2	42	.6	109	26	530	10.45	16	5	3	GRID C	25+00E	2+00N	SURFACE CHIPS
4055	13	4	126	6	45	.8	98	16	508	13.50	31	3	3	GRID C	25+00E	2+00N	SURFACE CHIPS
4056	14	2	93	3	70	.4	23	3	218	5.79	51	7	3	GRID C	6+00E	0+75N	SURFACE CHIPS
4183	10	2	89	2	62	.4	27	3	605	6.89	57	2	3	GRID C			SURFACE CHIPS
4183	9													GRID C			SURFACE CHIPS
4184	5	3	13	2	120	.1	17	1	253	2.34	19	2	3	GRID C			SURFACE CHIPS
4185	8	2	24	2	44	.1	13	1	354	9.46	5	2	3	GRID C			SURFACE CHIPS
4186	13	4	22	2	172	.1	18	1	3635	13.95	38	2	3	GRID C			SURFACE CHIPS
4187	11	6	141	10	227	.1	50	8	543	7.37	20	4	3	GRID C			SURFACE CHIPS
4188	17	15	153	5	155	.2	83	33	1903	18.50	6	7	3	GRID C			SURFACE CHIPS
4188	18													GRID C			SURFACE CHIPS
4189	13	4	72	12	215	.1	30	18	425	6.99	69	5	3	GRID C	1+00E	1	SURFACE CHIPS
4190	31	5	49	15	70	.7	12	25	1069	17.92	90	3	3	GRID C	2+00E	1	SURFACE CHIPS
4191	71	2	79	4	159	.3	441	21	522	4.79	46	6	3	GRID C	8+00E	1	SURFACE CHIPS
4192	16	2	56	12	29	.3	17	6	224	4.24	10	7	3	GRID C	8+00E	2	SURFACE CHIPS
4487	5	8	211	9	746	.1	101	43	771	8.76	53	3	3	GRID C	30+75E	3+75N	
4488	9	6	245	6	1369	.5	106	51	1068	12.48	24	3	3	GRID C	30+75E	3+75N	
4489	5	6	267	9	723	.4	97	42	1023	11.08	19	2	3	GRID C	30+75E	3+75N	
4490	20	8	224	7	764	.3	118	48	1311	11.63	22	2	3	GRID C	30+75E	3+75N	
4491	12	8	284	7	2091	.5	119	55	1220	11.14	40	4	3	GRID C	30+75E	3+75N	
4492	20	10	250	18	1758	1.3	189	118	1350	19.01	61	7	3	GRID C	30+75E	3+75N	
4493	122	7	401	9	4950	.8	154	90	809	15.10	22	6	3	GRID C	30+75E	3+75N	
4494	16	9	398	6	4658	.6	116	55	908	11.83	19	8	3	GRID C	30+75E	3+75N	
4495	16	6	707	10	163	1.8	113	94	191	24.75	26	7	3	GRID C	28+30E	3+75N	
4496	20	6	652	18	132	2.2	129	119	238	28.03	54	7	3	GRID C	28+30E	3+75N	
4496	12	6	652	18	132	2.2	129	119	238	28.03	54	7	3	GRID C	28+30E	3+75N	
4497	9	4	500	26	129	2.5	123	124	142	30.14	63	9	3	GRID C	28+30E	3+75N	
4498	12	6	964	21	372	1.6	118	106	167	26.79	17	6	3	GRID C	28+30E	3+75N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4499	12	5	858	12	94	1.9	175	149	460	26.92	14	3	3	GRID C	28+30E	3+75N	
4500	20	6	1235	31	108	3.2	130	132	176	30.97	23	8	3	GRID C	28+30E	3+75N	
4601	5	4	159	17	146	.7	52	26	348	8.90	17	2	3	GRID C	28+23E	3+25N	
4602	5	4	95	20	207	.8	42	19	362	6.20	21	2	8	GRID C	28+23E	3+25N	
4603	9	3	168	8	125	.1	59	29	338	9.42	14	2	3	GRID C	28+23E	3+25N	
4604	9	4	151	13	132	.4	56	28	406	9.66	15	2	3	GRID C	28+23E	3+25N	
4605	5	2	203	2	164	.1	61	30	383	9.60	2	2	3	GRID C	28+23E	3+25N	
4606	9	3	183	3	58	.3	157	62	840	20.26	183	3	3	GRID C	25+00E	3+25N	
4607	16	2	154	2	45	.1	114	56	866	14.88	95	2	3	GRID C	25+00E	3+25N	
4608	12	2	143	2	44	.1	124	42	819	13.28	276	2	3	GRID C	25+00E	3+25N	
4609	27	2	113	6	75	.2	74	28	1080	14.90	66	2	3	GRID C	22+68E	3+25N	
4609	20	2	113	6	75	.2	74	28	1080	14.90	66	2	3	GRID C	25+00E	3+25N	
4610	16	4	100	7	78	.4	91	40	1098	15.89	71	7	3	GRID C	22+68E	3+25N	
4611	12	2	58	2	42	.1	88	25	689	7.13	122	4	3	GRID C	22+68E	3+25N	
4612	9	1	62	2	27	1.0	76	24	733	6.70	79	3	3	GRID C	22+68E	3+25N	
4613	34	4	209	8	108	1.0	87	48	2212	19.61	33	3	3	GRID C	22+68E	3+25N	
4614	5	5	40	5	114	.1	33	12	275	2.08	179	3	18	GRID C	29+05E	3+50N	
4615	9	3	35	6	180	.1	30	12	235	1.79	359	2	14	GRID C	29+05E	3+50N	
4616	9	4	35	22	133	.1	29	10	191	1.84	563	2	16	GRID C	29+05E	3+50N	
4617	5	4	32	2	1506	.5	30	12	181	1.52	438	4	11	GRID C	29+05E	3+50N	
4618	9	2	36	10	522	.1	19	8	186	1.34	966	2	15	GRID C	29+05E	3+50N	
4618	12	2	36	10	522	.1	19	8	186	1.34	966	2	15	GRID C	29+05E	3+50N	
4619	9	3	14	5	57	.1	25	9	169	2.18	26	2	16	GRID C	25+00E	3+15N	
4620	16	4	18	7	74	.1	34	10	334	3.16	65	2	13	GRID C	25+00E	3+15N	
4621	9	6	44	14	78	.4	41	14	294	4.00	26	3	9	GRID C	25+00E	3+15N	
4622	5	4	41	4	586	.7	38	18	1592	8.18	14	2	3	GRID C	N.OFCONGL.		
4623	5	5	44	5	137	.4	49	18	1601	8.42	11	2	7	GRID C	N.OFCONGL.		
4624	5	5	37	3	516	.5	44	19	1439	7.61	48	2	11	GRID C	N.OFCONGL.		

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4625	5	6	31	5	721	.4	43	17	651	7.26	50	2	5	GRID C	N.OFCONGL.		
4626	5	6	44	6	722	.9	52	24	574	9.36	22	2	4	GRID C	N.OFCONGL.		
4627	9	5	20	6	2155	.4	30	12	509	4.26	5	2	14	GRID C	N.OFCONGL.		
4627	12	5	20	6	2155	.4	30	12	509	4.26	5	2	14	GRID C	N.OFCONGL.		
4628	5	6	22	2	2770	.8	39	17	482	5.19	11	2	12	GRID C	N.OFCONGL.		
4629	16	6	166	23	123	4.5	93	80	386	26.27	50	5	6	GRID C	N.OFCONGL.		
4630	12	11	37	2	1547	.4	50	24	686	6.99	6	2	11	GRID C	N.OFCONGL.		
4630	30	11	37	2	1547	.4	50	24	686	6.99	6	2	11	GRID C	N.OFCONGL.		
4631	11	2	68	2	37	.1	59	12	538	8.88	19	3	3	GRID C	31+00E	1+50N	
4632	11	4	51	2	40	.4	50	22	663	7.28	16	3	3	GRID C	31+00E	1+50N	
4633	6	3	37	2	26	.6	34	9	835	10.04	162	3	3	GRID C	31+00E	1+50N	
4634	11	3	32	2	20	.1	25	5	435	8.00	76	3	3	GRID C	31+00E	1+50N	
4635	31	6	465	51	3103	1.5	91	61	746	12.10	35	3	3	GRID C	10+00E	3+00N	
4636	16	6	704	39	3224	1.6	100	125	722	14.12	32	3	3	GRID C	10+00E	3+00N	
4637	16	5	436	25	3473	1.7	92	140	562	13.74	44	3	3	GRID C	10+00E	3+00N	
4638	26	7	583	34	6719	2.4	118	245	967	17.51	88	3	3	GRID C	10+00E	3+00N	
4638	21	7	583	34	6719	2.4	118	245	967	17.51	88	3	3	GRID C	10+00E	3+00N	
4639	6	9	541	42	4303	2.8	123	349	848	18.17	15	3	3	GRID C	10+00E	3+00N	
4640	21	8	862	36	2964	1.6	127	114	750	15.21	15	3	3	GRID C	9+80E	3+00N	
4641	16	7	621	32	4223	1.8	120	154	895	15.53	24	3	3	GRID C	9+80E	3+00N	
4642	31	7	597	42	5039	1.9	121	235	972	16.03	27	3	3	GRID C	9+80E	3+00N	
4643	21	6	416	29	6742	1.7	107	99	1038	14.90	23	3	3	GRID C	9+80E	3+00N	
4644	16	6	1747	35	3743	2.2	99	398	1218	15.32	86	3	3	GRID C	9+80E	3+00N	
4644	21	6	1747	35	3743	2.2	99	398	1218	15.32	86	3	3	GRID C	9+80E	3+00N	
4648	5	4	84	9	1308	.7	85	40	1080	6.68	67	6	3	GRID C	8+30E	2+30N	
4649	75	7	451	10	3517	.9	91	94	689	18.42	15	7	3	GRID C	8+30E	2+30N	
4650	90	7	998	6	2311	1.9	114	93	1184	21.86	58	16	3	GRID C	8+30E	2+30N	
4651	5	3	152	2	254	.1	34	22	570	6.75	33	3	3	GRID C	8+30E	2+30N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4652	80	5	956	13	2525	1.8	95	83	1673	19.90	19	15	3	GRID C	8+30E	2+30N	
4653	90	4	219	2	490	.6	146	88	498	23.34	80	15	3	GRID C	8+30E	2+30N	
4654	69	6	555	78	1430	1.2	100	172	1137	16.47	42	9	6	GRID C	7+25E	2+75N	
4655	5	7	1543	67	3729	2.1	119	271	676	20.05	22	17	3	GRID C	7+25E	2+75N	
4656	90	7	743	44	2238	2.0	119	181	1171	21.48	205	18	3	GRID C	7+25E	2+75N	
4657	69	7	448	23	8513	1.4	77	60	2467	14.25	102	26	3	GRID C	7+25E	2+75N	
4658	21	6	212	20	1832	.4	65	36	1473	8.22	19	2	5	GRID C	7+25E	2+75N	
4659	39	2	197	6	174	.1	116	72	691	22.35	73	21	3	GRID C	16+65E	0+75N	
4660	23	5	328	24	122	3.0	168	127	392	31.35	43	34	17	GRID C	16+65E	0+75N	
4661	23	3	233	11	134	.7	113	85	619	26.15	46	28	3	GRID C	16+65E	0+75N	
4677	148	6	231	2	949	.1	94	78	833	12.09	120	2	5	GRID C	34+25E	~4+00N	
4678	14	5	155	2	422	.1	63	40	521	8.40	72	2	5	GRID C	34+25E	~4+00N	
4679	8	6	161	2	1434	.1	68	36	722	9.35	91	2	5	GRID C	34+25E	~4+00N	
4533	5	5	68	2	10	.1	28	7	141	3.23	10	2	8	GRID C E.			SURFACE CHIPS
4534	11	7	136	3	55	.1	26	5	131	4.29	5	3	10	GRID C E.			SURFACE CHIPS
4535	6	4	25	12	75	.1	14	5	330	1.46	14	3	18	GRID C E.			SURFACE CHIPS
4536	36	5	22	7	30	.1	22	8	159	2.32	23	3	17	GRID C E.			SURFACE CHIPS
4537	11	1	63	2	14	.1	43	13	631	3.34	12	3	9	GRID C E.			SURFACE CHIPS
4538	5	5	54	12	33	.2	18	9	223	4.09	12	5	8	GRID C E.			SURFACE CHIPS
4539	5	6	36	4	11	.1	27	10	72	1.93	3	4	3	GRID C E.			SURFACE CHIPS
4540	5	2	22	2	60	.1	8	5	172	10.40	19	6	3	GRID C E.			SURFACE CHIPS
4541	5	5	66	7	30	.1	12	5	197	7.59	49	3	3	GRID C E.			SURFACE CHIPS
4542	5	4	240	7	136	1.1	64	42	506	5.67	62	3	17	GRID C E.			SURFACE CHIPS
4543	5	4	41	12	128	.1	20	13	492	3.63	17	3	10	GRID C E.			SURFACE CHIPS
4544	5	5	70	10	48	.1	21	13	246	6.20	8	3	3	GRID C E.			SURFACE CHIPS
4545	18	4	191	2	110	1.2	119	50	1163	6.48	20	5	3	GRID C E.			SURFACE CHIPS
4546	5	2	154	7	25	1.7	99	29	82	1.76	44	6	5	GRID C E.			SURFACE CHIPS
4547	7	3	575	3	51	.3	15	13	127	8.10	31	3	3	GRID C E.			SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4547	5	3	575	3	51	.3	15	13	127	8.10	31	3	3	GRID C E.			SURFACE CHIPS
4521	5	1	2901	2	69	.6	177	110	265	10.97	14	2	3	GRID C S.			SURFACE CHIPS
4522	5	1	90	2	12	.1	17	4	268	5.21	26	2	3	GRID C S.			SURFACE CHIPS
4523	9	1	34	2	8	.2	9	1	54	4.09	83	2	7	GRID C S.			SURFACE CHIPS
4524	5	4	23	16	50	1.1	18	15	111	21.59	14	4	3	GRID C S.			SURFACE CHIPS
4524	5	4	23	16	50	1.1	18	15	111	21.59	14	4	3	GRID C S.			SURFACE CHIPS
4525	5	8	30	4	12	.2	15	5	72	2.21	5	2	12	GRID C S.			SURFACE CHIPS
4526	5	1	31	10	31	.1	13	3	783	8.12	114	2	3	GRID C S.			SURFACE CHIPS
4527	9	3	136	2	58	.5	53	33	488	3.86	423	3	6	GRID C S.			SURFACE CHIPS
4528	5	5	31	2	12	.1	39	10	157	3.64	22	2	10	GRID C S.			SURFACE CHIPS
4529	5	1	9	2	9	.1	6	1	84	4.54	11	2	6	GRID C S.			SURFACE CHIPS
4530	23	2	101	2	30	.4	14	4	175	9.49	92	2	3	GRID C S.			SURFACE CHIPS
4531	5	1	51	2	55	.1	38	34	1004	3.44	1165	2	3	GRID C S.			SURFACE CHIPS
4532	5	1	97	2	12	.3	7	2	379	3.45	212	2	6	GRID C S.			SURFACE CHIPS
4548	5	3	41	2	17	.1	10	5	84	5.67	5	3	3	GRID C S.			SURFACE CHIPS
4568	6	2	19	2	12	.1	10	1	102	4.43	25	3	5	GRID C S.	UMFREVILLE	CORNER	SURFACE CHIPS
4569	6	2	19	2	26	.1	9	1	73	6.88	2	3	3	GRID C S.	UMFREVILLE	CORNER	SURFACE CHIPS
4570	16	3	220	2	16	.1	50	17	105	1.60	9	3	10	GRID C S.	UMFREVILLE	CORNER	SURFACE CHIPS
4571	6	2	46	2	8	.1	8	1	174	3.50	6	3	3	GRID C S.	UMFREVILLE	CORNER	SURFACE CHIPS
4572	11	5	60	2	5	.1	24	8	213	1.86	5	3	9	GRID C S.	UMFREVILLE	CORNER	SURFACE CHIPS
4573	5	2	315	2	223	.2	44	16	280	10.14	2	3	3	GRID C S.	UMFREVILLE	CORNER	SURFACE CHIPS
4573	6	2	315	2	223	.2	44	16	280	10.14	2	3	3	GRID C S.	UMFREVILLE	CORNER	SURFACE CHIPS
4574	6	2	101	2	74	.1	51	24	594	8.12	87	3	3	GRID C S.	UMFREVILLE	CORNER	SURFACE CHIPS
4662	5	2	180	7	141	.2	85	30	674	13.08	43	9	3	GRID C S.	PIT A		
4662	5	2	180	7	141	.2	85	30	674	13.08	43	9	3	GRID C S.	PIT A		
4663	5	3	280	9	208	.6	159	50	697	18.67	36	19	3	GRID C S.	PIT A		
4664	5	3	300	5	264	.8	98	72	974	14.57	46	8	3	GRID C S.	PIT A		
4665	5	3	374	7	615	.1	135	93	691	18.70	50	15	3	GRID C S.	PIT A		

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4666	5	4	327	18	231	.9	112	88	766	16.66	58	21	3	GRID C S.	PIT A		
4667	7	4	538	22	375	1.7	155	282	730	23.35	155	28	3	GRID C S.	PIT A		
4668	7	4	375	6	1030	.1	111	47	965	16.16	24	10	3	GRID C S.	PIT A		
4669	5	2	131	5	185	.6	53	32	899	7.34	39	6	3	GRID C S.	PIT A		
4670	5	4	308	2	812	.1	96	84	710	14.73	62	7	3	GRID C S.	PIT A		
4671	5	4	553	16	116	1.5	208	151	317	27.19	43	27	3	GRID C S.	PIT B		
4671	5													GRID C S.	PIT B		
4672	5	2	365	2	156	.1	91	63	525	13.42	10	9	3	GRID C S.	PIT B		
4673	5	5	555	18	85	1.3	234	190	253	32.59	36	31	3	GRID C S.	PIT B		
4674	5	6	830	22	116	2.3	212	187	517	29.81	79	22	7	GRID C S.	PIT B		
4674	5													GRID C S.	PIT B		
4675	8	2	463	2	182	.1	99	70	318	13.71	94	2	5	GRID C S.	PIT C		
4676	8	4	294	5	430	.3	76	45	407	12.70	133	2	5	GRID C S.	PIT C		
4680	91	2	2771	2	139	2.9	125	121	167	18.21	20	2	5	GRID C S.	PIT E		
4681	871	4	475	6	3172	1.7	35	34	448	11.97	5	8	5	GRID C S.	PIT F		
4682	431	2	332	2	1930	1.9	38	37	549	10.88	10	6	5	GRID C S.	PIT F		
4683	541	3	359	2	3185	1.5	33	36	389	12.14	141	9	7	GRID C S.	PIT F		
4683	617													GRID C S.	PIT F		
4684	427	2	447	10	4625	2.1	74	145	143	13.75	2603	9	5	GRID C S.	PIT F		
4685	380	2	984	9	342	2.0	109	401	432	17.88	9411	6	5	GRID C S.	PIT F		
4686	192	2	1944	8	1038	2.0	83	83	132	14.66	231	5	5	GRID C S.	PIT F		
4687	199	2	666	3	3946	2.4	69	98	454	14.63	1194	11	5	GRID C S.	PIT F		
4688	210	3	2243	6	149	5.4	100	94	279	14.73	32	14	23	GRID C S.	PIT E		
4688	205													GRID C S.	PIT E		
4689	33	4	175	17	167	1.2	74	98	1156	21.00	8	9	5	GRID C S.	PIT H		
4690	33	4	241	13	165	.6	70	119	1425	20.75	4	7	5	GRID C S.	PIT I		
4691	51	3	283	2	262	.1	55	2	1540	16.07	4	2	5	GRID C S.	PIT H		
4692	8	2	169	2	151	.1	61	6	634	18.37	9	2	5	GRID C S.	PIT H		

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4693	8	3	184	2	181	.2	63	4	1031	17.63	2	2	5	GRID C S.	PIT H1		
4694	5	1	319	4	224	.2	56	40	530	18.98	18	2	5	GRID C S.	PIT H1		
4695	17	4	224	12	128	1.0	69	188	1178	23.52	8	2	5	GRID C S.	PIT H1		
4696	8	1	350	2	230	.1	51	40	2896	17.39	12	2	5	GRID C S.	PIT H1		
4697	8	1	145	2	137	.1	69	33	542	16.92	68	2	5	GRID C S.	PIT I		
4698	8	2	206	2	205	.1	66	22	545	17.51	19	2	5	GRID C S.	PIT I		
4698	8													GRID C S.	PIT I		
4699	5	3	303	9	254	.6	89	47	430	21.55	4	8	5	GRID C S.	PIT I		
4700	17	2	226	3	218	.5	75	21	554	17.63	4	4	5	GRID C S.	PIT I		
4851	8	2	197	2	372	.8	78	33	373	18.16	13	3	5	GRID C S.	PIT I		
4852	17	4	305	14	134	1.8	99	104	203	25.75	2	18	5	GRID C S.	PIT I		
4853	5	4	221	19	202	2.0	113	35	707	28.84	6	15	5	GRID C S.	PIT I		
4854	8	1	56	3	182	.2	24	118	487	15.75	7	2	5	GRID C S.	PIT J		
4855	5	3	45	2	140	.1	22	95	598	11.92	12	2	5	GRID C S.	PIT J		
4856	17	5	59	40	93	2.2	27	262	883	25.09	14	13	5	GRID C S.	PIT J		
4857	17	4	74	13	114	1.4	31	222	604	21.78	23	11	5	GRID C S.	PIT J		
4857	5													GRID C S.	PIT J		
4858	8	5	462	7	8128	1.8	154	121	461	21.31	2	20	5	GRID C S.	PIT K		
4859	5	3	659	4	268	.6	189	106	232	11.10	31	12	5	GRID C S.	PIT L		
4860	5	2	2976	8	486	1.6	95	79	284	17.71	2	5	5	GRID C S.	PIT G		
4861	17	3	1606	6	258	2.6	141	141	296	24.29	2	15	5	GRID C S.	PIT G		
4862	17	3	2664	7	604	3.0	91	77	288	18.37	2	14	5	GRID C S.	PIT G		
4863	5	3	3681	4	321	1.0	58	46	575	15.15	4	5	5	GRID C S.	PIT G		
4864	17	3	4058	2	402	1.6	84	70	379	18.04	2	5	5	GRID C S.	PIT G		
4865	385	4	1438	11	1698	3.2	108	308	833	18.30	7292	16	9	GRID C S.	PIT F		
4866	308	4	1533	4	652	1.1	112	203	437	19.29	3275	2	5	GRID C S.	PIT F		
4867	319	3	963	10	488	.7	116	402	606	20.30	8741	2	5	GRID C S.	PIT F		
4868	781	4	648	16	508	1.3	147	466	575	23.26	9526	2	6	GRID C S.	PIT F		

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4869	253	3	982	10	253	1.3	124	475	612	21.57	10613	2	5	GRID C S.	PIT F		
4870	122	5	2158	13	842	2.3	125	236	825	23.10	3501	12	5	GRID C S.	PIT F		
4871	26	4	1927	2	193	2.9	119	104	105	18.86	8	9	8	GRID C S.	PIT G1		
4871	26													GRID C S.	PIT G1		
4872	17	3	1032	7	166	2.6	139	138	74	22.18	5	8	5	GRID C S.	PIT G1		
4873	33	3	1551	2	120	2.2	105	90	68	17.32	2	6	5	GRID C S.	PIT G1		
4874	33	1	812	2	75	1.4	95	79	74	15.44	2	2	5	GRID C S.	PIT G1		
4875	33	2	1471	2	135	1.2	86	73	73	13.78	2	2	5	GRID C S.	PIT G1		
4876	17	2	1277	8	165	2.5	132	128	71	21.76	2	14	5	GRID C S.	PIT G1		
4877	33	2	1189	5	73	2.3	122	114	70	20.01	2	9	5	GRID C S.	PIT G1		
4878	51	4	2766	11	152	4.3	174	182	44	27.38	2	18	5	GRID C S.	PIT G1		
4879	5	2	2069	5	140	1.5	63	55	109	11.25	5	7	10	GRID C S.	PIT G1		
4880	33	1	3793	2	220	2.2	124	117	78	20.65	2	4	5	GRID C S.	PIT G1		
4880	33													GRID C S.	PIT G1		
2265	10	5	359	2	3775	1.1	45	38	246	8.61	10	2	3	GRID D	13+00E	4+25S	SURFACE CHIPS
2266	14	1	22	4	139	.1	6	1	149	1.55	2	2	3	GRID D	11+80E	1+50S	SURFACE CHIPS
4246	9	2	21	5	83	.1	15	4	474	4.55	13	2	3	GRID D	14+00E	100S	SURFACE CHIPS
4247	9	3	20	4	58	.4	50	11	210	2.05	10	2	3	GRID D	14+00E	100S	SURFACE CHIPS
4247	11													GRID D	14+00E	100S	SURFACE CHIPS
4248	7	4	47	2	611	.3	49	11	283	8.36	2	2	3	GRID D	15+00E	0+85S	SURFACE CHIPS
4316	5	2	33	13	215	.7	16	7	280	2.21	23	4	3	GRID D	12+62E	1+75S	SURFACE CHIPS
4317	5	5	47	13	300	.6	43	19	415	2.89	9	3	3	GRID D	12+76E	1+37S	SURFACE CHIPS
4318	24	3	11	6	60	.1	15	7	151	1.48	5	3	3	GRID D	12+75E	1+50S	SURFACE CHIPS
4319	5	2	35	13	50	1.0	21	12	320	2.83	13	4	3	GRID D	13+12E	1+40S	SURFACE CHIPS
4320	5	3	34	15	208	1.1	19	9	211	1.83	32	3	3	GRID D	13+00E	0+25S	SURFACE CHIPS
4321	5	3	65	6	63	.4	112	32	201	4.22	226	6	3	GRID D	13+20E	1+87N	SURFACE CHIPS
4322	5	2	17	7	34	.1	9	2	116	2.14	6	2	3	GRID D	10+80E	0+12N	SURFACE CHIPS
4323	5	2	7	10	14	.3	7	3	79	.65	2	2	7	GRID D	10+65E	0+12S	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4324	6	2	18	9	35	.1	7	2	106	2.02	2	2	3	GRID D	10+65E	0+75S	SURFACE CHIPS
4325	6	2	67	20	109	.9	70	18	611	2.99	39	12	3	GRID D	11+00E	0+12S	SURFACE CHIPS
4326	8	3	33	18	63	.8	17	9	250	2.71	34	8	3	GRID D	11+00E	0+75S	SURFACE CHIPS
4327	9	4	32	2	45	.6	31	11	296	6.68	4	2	3	GRID D	11+00E	1+37S	SURFACE CHIPS
4328	9	2	29	5	44	.1	20	6	178	1.92	2	2	3	GRID D	11+00E	1+60S	SURFACE CHIPS
4328	10													GRID D	11+00E	1+60S	SURFACE CHIPS
4334	8	4	56	11	129	1.0	38	31	297	4.16	10	8	2	GRID D	17+00E	'1+50N	SURFACE CHIPS
4335	8	4	40	12	55	.9	20	13	273	2.12	7	5	15	GRID D	19+00E	'2+12N	SURFACE CHIPS
4335	8													GRID D	19+00E	'2+12N	SURFACE CHIPS
4336	7	3	61	19	149	1.3	63	23	509	3.24	28	5	21	GRID D	19+00E	3+20N	SURFACE CHIPS
4337	8	2	33	3	117	.1	32	8	662	4.55	227	9	2	GRID D	19+12E	3+37N	SURFACE CHIPS
4338	14	3	50	1	84	.1	30	13	481	3.81	128	8	2	GRID D	20+00E	2+60N	SURFACE CHIPS
4339	8	4	45	2	147	.1	54	26	839	5.41	16	10	2	GRID D	19+87E	1+10N	SURFACE CHIPS
4340	8	18	24	15	26	.5	27	17	178	5.10	12	4	2	GRID D	10+20E	0+20N	SURFACE CHIPS
4341	7	5	32	8	30	1.2	37	30	89	10.51	6	5	2	GRID D	10+20E	0+20N	SURFACE CHIPS
4342	6	6	12	6	47	.1	17	8	54	1.66	5	2	6	GRID D	10+00E	0+25S	SURFACE CHIPS
4343	7	3	33	21	121	1.1	25	15	244	2.48	37	5	3	GRID D	14+05E	'1+29S	SURFACE CHIPS
4344	7	3	29	29	125	.1	19	12	283	2.45	2	2	15	GRID D	14+00E	'1+00S	SURFACE CHIPS
4345	9	2	21	26	112	.4	14	12	265	2.94	7	2	3	GRID D	14+00E	1+30N	SURFACE CHIPS
4345	8													GRID D	14+00E	'1+50N	SURFACE CHIPS
4346	7	4	25	17	61	.5	16	8	171	2.80	12	2	3	GRID D	15+15E	'1+50N	SURFACE CHIPS
4347	7	5	74	16	220	1.5	38	27	242	7.49	55	9	3	GRID D	15+62E	2+00N	SURFACE CHIPS
4348	7	6	36	2	45	.7	17	4	29	5.95	6	2	3	GRID D	16+00E	2+20N	SURFACE CHIPS
4349	18	7	24	2	36	1.5	7	32	7	51.00	2	3		GRID D	16+00E	2+20N	SURFACE CHIPS
4350	7	5	55	2	77	.5	19	8	97	6.17	49	2	3	GRID D	16+00E	2+20N	SURFACE CHIPS
4350	9													GRID D	16+00E	2+20N	SURFACE CHIPS
4351	7	2	16	4	168	.1	21	11	116	1.76	8	4	3	GRID D	10+20E	00BL	SURFACE CHIPS
4954	5	8	74	2	337	.4	39	26	517	11.53	12	6	3	GRID D	13+70E	1+30S	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4955	5	3	67	2	769	.2	39	25	552	12.02	6	8	3	GRID D	13+70E	1+30S	
4956	5	4	76	2	647	.1	43	33	447	10.74	2	3	3	GRID D	13+70E	1+30S	
4957	5	3	78	2	518	.2	40	27	468	9.36	50	8	3	GRID D	13+70E	1+30S	
2263	7	4	50	17	191	.1	25	12	321	1.90	4	2	3	GRID E	15+20E	1+85N	SURFACE CHIPS
2264	9	2	15	14	51	.1	8	3	294	1.59	5	3	3	GRID E	15+20E	1+75N	SURFACE CHIPS
4312	5	11	54	15	63	.1	12	6	349	2.49	2	2	4	GRID E	13+50E	1+62N	SURFACE CHIPS
4313	5	3	82	2	103	.5	60	13	920	6.73	8	5	3	GRID E	12+87E	2+12N	SURFACE CHIPS
4314	5	2	37	4	70	.1	33	14	324	3.45	6	6	3	GRID E	11+12E	2+62N	SURFACE CHIPS
4315	5	3	39	5	85	.2	16	9	642	7.70	14	2	3	GRID E	10+00E	00BL	SURFACE CHIPS
4329	14	4	40	14	67	.3	34	17	335	3.36	7	5	3	GRID E	4+00E	6+65N	SURFACE CHIPS
4330	5	16	35	18	60	.4	18	9	324	2.34	2	4	6	GRID E	4+00E	4+75N	SURFACE CHIPS
4331	6	4	28	17	86	.8	53	22	518	3.96	14	5	3	GRID E	3+00E	6+50N	SURFACE CHIPS
4332	5	4	29	14	29	.4	34	15	512	3.07	11	4	3	GRID E	3+00E	7+87N	SURFACE CHIPS
4333	5	6	24	10	27	.3	15	7	425	3.21	15	4	4	GRID E	3+00E	7+87N	SURFACE CHIPS
4352	8	3	24	1	43	.1	30	16	276	3.42	13	4	2	GRID E	8+00E	1+00N	SURFACE CHIPS
4352	8													GRID E	8+00E	1+00N	SURFACE CHIPS
4353	8	3	16	2	6	.1	21	11	46	.85	11	2	2	GRID E	8+00E	1+12S	SURFACE CHIPS
4354	9	4	35	6	104	.1	18	11	422	3.22	7	4	2	GRID E	8+00E	2+00S	SURFACE CHIPS
4355	7	4	19	1	20	.1	41	23	487	2.04	7	8	2	GRID E	8+50E	'3+00S	SURFACE CHIPS
4355	9													GRID E	8+50E	'3+00S	SURFACE CHIPS
4373	5	2	10	12	57	.1	9	4	159	1.54	4	4		GRID E	17+00E	3+00N	SURFACE CHIPS
4373	5	2	10	12	57	.1	9	4	159	1.54	4	4		GRID E	17+00E	3+00N	SURFACE CHIPS
4380	5	8	237	42	64	1.5	139	215	102	21.53	21	3		GRID E	2+00E	8+50N	SURFACE CHIPS
4380	5	8	237	42	64	1.5	139	215	102	21.53	21	3		GRID E	2+00E	8+50N	SURFACE CHIPS
4381	5	2	258	11	21	.3	36	35	200	5.51	4	3		GRID E	2+00E	8+50N	SURFACE CHIPS
4381	5	2	258	11	21	.3	36	35	200	5.51	4	3		GRID E	2+00E	8+50N	SURFACE CHIPS
4382	5	2	22	5	9	.1	16	7	114	1.86	7	5		GRID E	2+00E	8+25N	SURFACE CHIPS
4382	5	2	22	5	9	.1	16	7	114	1.86	7	5		GRID E	2+00E	8+25N	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4383	5	5	34	13	38	.1	23	11	532	4.77	6	2		GRID E	2+00E	7+90N	SURFACE CHIPS
4383	5	5	34	13	38	.1	23	11	532	4.77	6	2		GRID E	2+00E	7+90N	SURFACE CHIPS
4384	5	2	33	11	29	.1	9	5	80	3.17	3	4		GRID E	2+00E	2+87N	SURFACE CHIPS
4384	5	2	33	11	29	.1	9	5	80	3.17	3	4		GRID E	2+00E	2+87N	SURFACE CHIPS
4385	5	1	30	12	14	.1	10	3	43	2.39	8	3		GRID E	2+50E	2+75N	SURFACE CHIPS
4385	5	1	30	12	14	.1	10	3	43	2.39	8	3		GRID E	2+50E	2+75N	SURFACE CHIPS
4386	5	3	45	12	144	.2	55	3	162	6.02	10	5		GRID E	2+00E	1+10N	SURFACE CHIPS
4386	5	3	45	12	144	.2	55	3	162	6.02	10	5		GRID E	2+00E	1+10N	SURFACE CHIPS
4387	5	1	9	8	21	.1	6	3	65	.88	7	3	7	GRID E	2+00E	~2+75N	SURFACE CHIPS
4388	5	4	58	12	96	.1	52	25	407	3.78	11	10	3	GRID E	1+75E	~2+87N	SURFACE CHIPS
4389	5	1	14	6	25	.1	9	9	190	1.23	7	6	11	GRID E	0+00E	3+75N	SURFACE CHIPS
4390	5	5	87	13	15	.1	19	12	257	2.84	5	4	9	GRID E	1+87E	8+37N	SURFACE CHIPS
4390	5													GRID E	1+87E	8+37N	SURFACE CHIPS
4391	5	8	106	7	28	.1	26	18	793	5.20	3	5	3	GRID E	2+00E		SURFACE CHIPS
4392	5	7	430	33	76	1.1	109	193	354	26.77	8	6	3	GRID E	PIT X		SURFACE CHIPS
4511	5	4	26	2	23	.1	16	3	673	3.91	6	2	3	GRID E	10+00E	~1+50N	SURFACE CHIPS
4512	16	10	34	2	19	.1	19	2	351	5.59	142	2	3	GRID E	9+00E	~0+50S	SURFACE CHIPS
4533	5	5	68	2	10	.1	28	7	141	3.23	10	2	8	GRID E			SURFACE CHIPS
2293	15	6	567	26	2959	2.0	117	108	99	15.50	73	8	2	GRID EXT.	88+75E	88+75E	
2294	14	3	171	11	1623	.1	61	48	223	6.72	41	3	2	GRID EXT.	88+75E	88+75E	
2295	22	4	324	6	1511	.1	70	61	545	9.93	32	2	2	GRID EXT.	88+75E	88+75E	
2296	17	4	4	155	4427	.8	92	81	627	12.52	69	5	2	GRID EXT.	88+75E	88+75E	
2296	21													GRID EXT.	88+75E	88+75E	
2297	38	3	298	9	557	.1	103	89	548	10.62	12	2	2	GRID EXT.	88+75E	88+75E	
2298	16	6	624	13	5276	.9	96	87	148	13.70	21	5	2	GRID EXT.	88+75E	88+75E	
2299	65	6	502	24	2684	.9	88	85	154	12.21	112	3	2	GRID EXT.	88+75E	88+75E	
2300	14	6	491	34	4564	2.4	119	109	112	15.48	54	10	2	GRID EXT.	88+75E	88+75E	
4020	5	6	39	42	34	.6	22	8	279	5.63	78	7	3	GRID EXT.	81+87E	4+55S	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4021	18	4	20	2	30	.1	32	15	999	7.07	1857	5	3	GRID EXT.	81+75E	4+50S	SURFACE CHIPS
4022	5	4	191	14	22	.8	145	44	114	1.56	174	14	3	GRID EXT.	82+20E	3+87S	SURFACE CHIPS
4023	11	7	62	9	87	.1	64	132	177	5.40	2295	10	3	GRID EXT.	81+80E	2+25N	SURFACE CHIPS
4024	5	4	18	19	38	.2	21	8	150	1.49	26	2	3	GRID EXT.	82+00E	5+87N	SURFACE CHIPS
4025	5	9	9	12	48	.5	29	10	167	3.77	14	4	3	GRID EXT.	82+00E	6+00N	SURFACE CHIPS
4026	5	4	27	10	63	.4	29	16	587	4.26	29	6	3	GRID EXT.	81+00E	2+25N	SURFACE CHIPS
4027	5	6	37	2	76	.2	20	7	1364	8.89	6	2	3	GRID EXT.	81+12E	1+75S	SURFACE CHIPS
4028	13	4	15	9	91	.7	17	8	285	3.29	27102	3	3	GRID EXT.	77+75E	9+25N	SURFACE CHIPS
4029	5	3	44	26	210	1.9	85	26	1164	4.76	277	24	3	GRID EXT.	77+50E	9+50N	SURFACE CHIPS
4030	5	3	32	21	112	1.8	22	4	444	2.48	60	16	3	GRID EXT.	77+75E	9+00N	SURFACE CHIPS
4031	5	6	8	10	13	.2	10	3	410	1.40	14	2	3	GRID EXT.	76+00E	7+50N	SURFACE CHIPS
4032	17	11	234	12	136	2.1	165	41	718	8.96	22	2	3	GRID EXT.	76+00E	3+50S	SURFACE CHIPS
4033	5	6	163	2	188	.1	43	16	207	4.33	8	2	3	GRID EXT.	76+00E	3+12N	SURFACE CHIPS
4034	9	15	59	19	113	.4	107	36	250	4.33	29	10	3	GRID EXT.	76+00E	3+25N	SURFACE CHIPS
4035	5	9	17	2	18	.1	60	15	445	7.18	57	6	3	GRID EXT.	77+00E	2+62S	SURFACE CHIPS
4036	17	12	19	2	26	.2	66	16	705	8.83	79	9	3	GRID EXT.	77+00E	2+50S	SURFACE CHIPS
4037	5	7	56	2	121	1.5	64	12	407	3.28	100	2	3	GRID EXT.	93+00E	6+25N	SURFACE CHIPS
4038	5	8	36	2	62	1.9	37	6	345	3.33	32	2	3	GRID EXT.	92+35E	6+87N	SURFACE CHIPS
4039	5	9	20	5	45	1.1	39	6	284	2.44	10	3	3	GRID EXT.	93+00E	6+37N	SURFACE CHIPS
4040	8	10	35	5	147	1.0	59	12	425	3.45	88	3	3	GRID EXT.	77+75E	'2+75S	SURFACE CHIPS
4041	10	11	65	12	54	.5	82	25	361	6.42	510	10	3	GRID EXT.	77+75E	'2+62S	SURFACE CHIPS
4041	10													GRID EXT.	77+75E	'2+62S	SURFACE CHIPS
4042	5	2	107	2	59	1.1	63	12	153	3.09	51	2	9	GRID EXT.	78+00E	2+25S	SURFACE CHIPS
4043	5	4	74	6	36	.3	29	10	410	4.38	42	2	9	GRID EXT.	79+00E	2+35N	SURFACE CHIPS
4044	5	2	323	3	83	.7	38	13	521	6.16	2	2	3	GRID EXT.	79+00E	1+50S	SURFACE CHIPS
4045	5	3	69	4	80	.5	53	12	145	3.72	41	2	3	GRID EXT.	79+00E	2+37S	SURFACE CHIPS
4046	5	4	79	2	59	.3	56	16	279	3.20	52	2	4	GRID EXT.	79+40E	'2+50S	SURFACE CHIPS
4047	18	2	66	3	46	.8	102	21	323	4.38	458	2	3	GRID EXT.	79+00E	'2+62S	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4048	5	4	10	22	32	.8	26	7	109	1.28	20	2	19	GRID EXT.	79+00E	'3+05S	SURFACE CHIPS
4049	5	5	20	2	86	.3	33	7	486	2.28	17	2	10	GRID EXT.	79+00E	'3+12S	SURFACE CHIPS
4050	5	8	73	3	36	1.0	149	44	571	5.78	8	2	3	GRID EXT.	80+20E	'5+00S	SURFACE CHIPS
4050	5													GRID EXT.	80+20E	'5+00S	SURFACE CHIPS
4058	5	7	63	25	92	.3	31	46	154	18.38	66	3	2	GRID EXT.	91+00E	5+00N	
4059	5	6	60	21	76	.2	29	41	175	16.32	14	2	2	GRID EXT.	91+00E	5+00N	
4060	5	5	57	17	93	.3	31	43	171	16.00	29	2	2	GRID EXT.	91+00E	5+00N	
4061	5	3	39	9	78	.1	21	21	189	10.58	19	2	2	GRID EXT.	91+00E	5+00N	
4062	5	6	58	24	86	.3	28	47	220	16.90	35	3	2	GRID EXT.	91+00E	5+00N	
4063	5	5	62	16	99	.1	32	40	246	15.04	13	2	2	GRID EXT.	91+00E	5+00N	
4064	5	6	64	29	87	.2	34	51	198	17.73	44	2	2	GRID EXT.	91+00E	5+00N	
4065	13	3	48	8	93	.1	30	32	236	12.17	25	2	2	GRID EXT.	91+00E	5+00N	
4076	5	4	36	14	171	.1	28	13	552	5.56	7	3	5	GRID EXT.	91+00E	5+00N	
4077	62	5	176	30	533	.5	97	150	671	11.43	7390	2	2	GRID EXT.	91+00E	3+35N	
4077	69													GRID EXT.	91+00E	3+35N	
4078	60	3	192	25	657	.3	73	106	693	9.59	3748	2	2	GRID EXT.	91+00E	3+35N	
4079	5	9	150	18	63	.7	54	38	181	9.73	114	2	2	GRID EXT.	92+00E	10+18N	
4080	5	6	290	20	249	1.5	61	46	234	12.19	40	3	2	GRID EXT.	92+00E	10+18N	
4081	5	26	169	24	142	.9	67	53	206	13.61	26	2	2	GRID EXT.	92+00E	10+18N	
4082	5	4	46	14	283	.2	24	10	261	3.01	6	2	5	GRID EXT.	92+00E	10+18N	
4083	5	12	161	16	397	.8	52	37	164	10.63	6	4	10	GRID EXT.	92+00E	10+18N	
4084	5	3	221	8	195	.1	43	29	157	9.34	2	2	2	GRID EXT.	92+00E	10+18N	
4085	5	7	165	36	153	.4	78	63	284	17.14	22	3	16	GRID EXT.	92+00E	10+75N	
4085	5													GRID EXT.	92+00E	10+75N	
4086	9	6	150	31	156	.5	87	63	267	15.89	49	2	15	GRID EXT.	92+00E	10+75N	
4087	5	9	247	48	107	.5	97	88	437	21.35	21	12	26	GRID EXT.	92+00E	10+75N	
4088	5	6	125	23	349	.1	53	31	544	12.39	10	2	2	GRID EXT.	92+00E	10+75N	
4089	5	4	117	17	181	.1	64	38	395	12.38	13	2	2	GRID EXT.	92+00E	10+75N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4090	5	4	121	13	107	.1	58	36	369	12.12	11	2	2	GRID EXT.	92+00E	10+75N	
4091	5	4	128	12	298	.1	72	46	556	13.30	32	2	2	GRID EXT.	92+00E	10+75N	
4092	5	6	161	31	269	.3	79	60	369	15.72	41	2	2	GRID EXT.	92+00E	10+75N	
4093	131	4	83	14	1432	.5	63	43	589	7.76	62	4	2	GRID EXT.	92+00E	10+75N	
4094	5	9	173	37	133	1.1	89	71	380	19.25	37	9	9	GRID EXT.	92+00E	10+75N	
4094	5													GRID EXT.	92+00E	10+75N	
4095	5	6	166	19	266	.3	67	48	455	14.83	37	3	2	GRID EXT.	92+00E	10+75N	
4096	5	6	169	30	436	.1	76	56	458	15.99	79	4	2	GRID EXT.	92+00E	10+75N	
4097	5	7	146	17	204	.6	75	54	425	16.25	48	2	2	GRID EXT.	92+00E	10+75N	
4098	101	5	161	24	580	1.1	117	225	724	11.14	12969	4	2	GRID EXT.	91+00E	3+35N	
4099	118	5	179	25	439	.9	127	225	587	10.91	12926	2	2	GRID EXT.	91+00E	3+35N	
4201	22	6	116	6	195	3.0	97	70	338	8.10	12	4	3	GRID EXT.	79+60E	4+87S	SURFACE CHIPS
4202	16	7	267	20	84	1.7	145	84	654	17.97	13	13	3	GRID EXT.	80+00E	3+87S	SURFACE CHIPS
4203	5	10	23	21	67	2.1	37	13	196	2.00	25	8	18	GRID EXT.	80+20E	1+25S	SURFACE CHIPS
4204	5	3	63	10	87	4.3	70	26	242	4.81	63	2	14	GRID EXT.	80+25E	2+28N	SURFACE CHIPS
4205	5	4	49	3	106	1.1	53	12	1373	5.23	74	4	10	GRID EXT.	80+00E	1+25S	SURFACE CHIPS
4206	8	2	157	2	17	.7	40	20	933	5.17	7	2	5	GRID EXT.	74+80E	3+80S	SURFACE CHIPS
4207	9	5	32	10	36	2.4	91	29	907	4.79	59	9	5	GRID EXT.	74+62E	3+75S	SURFACE CHIPS
4208	21	6	138	2	81	1.6	72	68	580	9.47	6	2	3	GRID EXT.	75+00E	3+50S	SURFACE CHIPS
4209	11	3	62	3	71	.1	39	25	300	6.20	2	2	3	GRID EXT.	75+00E	3+37S	SURFACE CHIPS
4210	9	4	76	2	54	.9	82	21	233	4.03	68	2	3	GRID EXT.	75+00E	1+62S	SURFACE CHIPS
4211	5	5	8	20	8	.1	9	2	175	1.33	15	2	3	GRID EXT.	75+25E	3+35N	SURFACE CHIPS
4212	7	4	275	11	161	1.3	62	30	327	5.17	8	2	3	GRID EXT.	73+37E	1+00S	SURFACE CHIPS
4213	5	9	40	12	7	.7	37	12	154	2.55	49	6	10	GRID EXT.	74+25E	1+87S	SURFACE CHIPS
4213	5													GRID EXT.	74+25E	1+87S	SURFACE CHIPS
4214	5	2	23	6	118	.3	10	3	541	2.74	12	2	3	GRID EXT.	78+75E	10+62N	SURFACE CHIPS
4215	5	4	9	2	21	.1	7	1	112	2.26	5	2	3	GRID EXT.	80+15E	12+12N	SURFACE CHIPS
4216	35	9	147	11	111	1.4	86	39	405	9.56	37	4	3	GRID EXT.	74+00E	3+37S	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4217	26	4	85	11	81	1.0	45	15	358	4.96	26	2	3	GRID EXT.	74+20E	3+42S	SURFACE CHIPS
4218	13	4	72	13	265	.5	47	16	613	7.47	21	2	3	GRID EXT.	74+50E	3+50S	SURFACE CHIPS
4219	31	4	133	2	96	.8	49	24	748	6.31	36	2	3	GRID EXT.	74+70E	3+55S	SURFACE CHIPS
4220	9	2	35	2	52	.5	28	13	609	4.64	41	2	3	GRID EXT.	72+75E	2+87S	SURFACE CHIPS
4221	8	3	80	2	41	.1	78	16	621	4.09	13	5	3	GRID EXT.	72+75E	3+25S	SURFACE CHIPS
4222	16	5	55	12	87	1.3	42	14	252	4.43	36	5	3	GRID EXT.	72+00E	2+90S	SURFACE CHIPS
4223	5	4	94	2	43	.1	116	34	665	5.19	12	5	3	GRID EXT.	71+00E	2+87S	SURFACE CHIPS
4223	5													GRID EXT.	71+00E	2+87S	SURFACE CHIPS
4224	5	8	64	8	60	.1	19	1	274	6.49	45	2	13	GRID EXT.	71+00E	1+40N	SURFACE CHIPS
4225	5	2	7	2	12	.1	11	1	92	1.38	7	2	5	GRID EXT.	79+50E	8+12N	SURFACE CHIPS
4226	5	2	88	2	213	.1	21	1	633	10.18	55	2	3	GRID EXT.	84+00E	2+12N	SURFACE CHIPS
4227	5	3	83	2	132	.1	18	5	92	1.90	17	5	3	GRID EXT.	84+00E	1+00N	SURFACE CHIPS
4228	5	2	38	2	39	.1	23	13	130	2.06	33	3	4	GRID EXT.	86+00E	2+25N	SURFACE CHIPS
4229	5	5	14	7	56	.1	13	3	93	1.60	10	2	7	GRID EXT.	91+40E	7+37N	SURFACE CHIPS
4230	5	5	25	5	88	.2	23	6	123	2.32	17	2	3	GRID EXT.	90+75E	7+60N	SURFACE CHIPS
4231	5	1	154	4	28	.1	25	12	228	2.48	23	3	3	GRID EXT.	91+37E	'0+50S	SURFACE CHIPS
4232	5	3	31	3	70	.1	17	2	407	2.66	94	3	3	GRID EXT.	90+80E	6+80N	SURFACE CHIPS
4232	11													GRID EXT.	90+80E	6+80N	SURFACE CHIPS
4233	5	2	203	2	101	.4	44	25	270	2.15	42	7	7	GRID EXT.	82+00E	9+40N	SURFACE CHIPS
4234	7	2	66	2	189	.1	71	22	639	4.20	143	10	3	GRID EXT.	83+00E	10+75N	SURFACE CHIPS
4235	81	4	37	2	88	.7	40	14	418	3.56	1751	13	3	GRID EXT.	83+00E	8+60N	SURFACE CHIPS
4236	14	3	33	17	292	1.9	22	18	282	2.94	43	13	3	GRID EXT.	85+00E	11+12N	SURFACE CHIPS
4237	6	6	40	10	122	1.1	23	11	740	4.19	7	9	3	GRID EXT.	90+00E	11+25N	SURFACE CHIPS
4238	5	15	71	4	98	.7	29	13	404	6.62	17	10	3	GRID EXT.	89+80E	10+50N	SURFACE CHIPS
4239	5	4	32	5	315	.7	23	11	95	3.43	25	4	5	GRID EXT.	89+80E	6+10N	SURFACE CHIPS
4240	5	12	201	8	251	2.1	58	43	201	14.44	46	10	3	GRID EXT.	88+90E	10+75N	SURFACE CHIPS
4241	5	2	17	10	36	.1	13	5	178	1.97	3	2	8	GRID EXT.	88+25E	11+00N	SURFACE CHIPS
4242	5	5	646	2	2663	1.5	86	68	462	8.57	6	5	3	GRID EXT.	NE of GRID	13+00N	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4243	5	2	44	7	57	.6	16	19	148	1.45	61	5	3	GRID EXT.	89+00E	1+87N	SURFACE CHIPS
4244	6	2	90	15	102	1.4	69	5	261	3.73	373	7	3	GRID EXT.	89+12E	0+20S	SURFACE CHIPS
4245	5	2	19	5	60	.4	18	28	308	3.25	139	2	3	GRID EXT.	89+12E	0+20S	SURFACE CHIPS
4245	5													GRID EXT.	89+12E	0+20S	SURFACE CHIPS
4296	13	5	397	30	1757	2.3	81	66	175	8.53	27	10	6	GRID EXT.	88+75E	0+25N	
4297	14	7	378	29	1922	2.9	2	94	184	13.29	132	12	4	GRID EXT.	88+75E	0+25N	
4298	15	8	633	28	3127	3.1	102	91	149	13.42	63	10	6	GRID EXT.	88+75E	0+25N	
4374	5	11	60	20	83	.1	41	25	274	16.22	14	9	3	GRID EXT.	~81+00E	7+70N	SURFACE CHIPS
4375	5	3	21	34	24	.5	16	9	42	8.62	22	3	3	GRID EXT.	~81+25E	7+70N	SURFACE CHIPS
4401	5	3	59	59	117	.5	39	20	444	7.90	17	2		GRID EXT.	93+00E	11+00N	
4402	10	5	128	27	843	1.5	56	33	941	12.90	31	2		GRID EXT.	93+00E	11+00N	
4402	5													GRID EXT.	93+00E	11+00N	
4403	5	6	122	25	149	.8	58	35	517	12.27	19	5		GRID EXT.	93+00E	11+00N	
4404	5	6	103	24	82	.6	56	36	176	13.09	9	2		GRID EXT.	93+00E	11+00N	
4405	5	7	140	33	165	1.7	81	56	558	16.48	31	6		GRID EXT.	93+00E	11+00N	
4406	5	5	160	23	614	1.1	54	31	1202	11.72	25	6		GRID EXT.	93+00E	11+00N	
4407	5	9	236	70	339	4.1	111	104	168	25.78	150	6		GRID EXT.	93+00E	11+00N	
4408	5	4	71	17	183	.6	45	20	626	8.08	12	7		GRID EXT.	93+00E	11+00N	
4409	5	7	201	43	100	2.3	98	75	250	19.46	115	2		GRID EXT.	93+00E	11+00N	
4410	5	5	154	23	149	1.2	68	44	715	12.88	26	4		GRID EXT.	93+00E	11+00N	
4411	5	5	41	10	1171	.4	51	26	1023	5.50	7	3		GRID EXT.	93+00E	11+00N	
4411	5													GRID EXT.	93+00E	11+00N	
4412	5	17	70	13	55	.3	41	27	181	6.20	24	5	3	GRID EXT.	91+00E	10+50N	
4413	7	3	234	23	146	1.9	78	56	229	13.60	43	4	3	GRID EXT.	91+00E	10+50N	
4414	5	3	167	16	116	1.3	62	42	166	11.45	27	4	3	GRID EXT.	91+00E	10+50N	
4415	6	3	200	14	137	1.6	67	49	241	12.82	31	3	3	GRID EXT.	91+00E	10+50N	
4416	11	4	278	15	169	1.9	96	68	216	15.87	23	3	3	GRID EXT.	91+00E	10+50N	
4424	7	4	64	11	673	.1	60	34	317	4.45	11	2	3	GRID EXT.	91+00E	7+42N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4425	5	3	41	12	404	.1	39	21	274	2.68	2	3	5	GRID EXT.	91+00E	7+42N	
4427	5	4	249	17	508	.3	103	65	301	10.48	20	2	3	GRID EXT.	81+50E	2+20N	
4427	5													GRID EXT.	81+50E	2+20N	
4428	12	4	242	16	553	.2	90	65	489	9.68	107	2	3	GRID EXT.	81+50E	2+20N	
4429	10	4	368	13	318	1.1	110	75	468	13.17	19	5	3	GRID EXT.	81+50E	2+20N	
4430	11	7	887	20	591	1.7	125	85	539	12.99	44	9	3	GRID EXT.	81+50E	2+20N	
4431	11	10	423	28	967	1.8	153	105	580	16.86	24	11	3	GRID EXT.	81+50E	2+20N	
4432	6	6	408	18	1446	1.2	116	77	638	13.32	8	8	3	GRID EXT.	81+50E	2+20N	
4433	5	8	481	15	2288	1.3	126	86	449	13.38	67	10	3	GRID EXT.	81+50E	2+20N	
4434	5	7	255	16	2402	1.2	115	83	241	13.13	82	6	3	GRID EXT.	81+50E	2+20N	
4434	5													GRID EXT.	81+50E	2+20N	
4435	15	8	229	25	4501	1.0	98	71	302	9.04	233	16	3	GRID EXT.	81+50E	2+20N	
4436	15	6	368	16	5048	.9	98	68	715	11.64	95	7	7	GRID EXT.	81+50E	2+20N	
4437	16	9	454	23	3718	1.8	167	118	299	18.21	82	11	8	GRID EXT.	81+50E	2+20N	
4438	18	8	1550	20	3573	1.5	251	175	19	28.00	5	3	3	GRID EXT.	81+50E	2+20N	
4439	14	33	569	11	1070	.7	132	87	739	14.74	34	4	3	GRID EXT.	81+50E	2+20N	
4440	14	6	438	7	1331	.3	112	76	324	11.79	22	7	3	GRID EXT.	80+85E	2+35N	
4441	15	7	444	21	1529	1.4	130	89	445	13.86	19	7	4	GRID EXT.	80+85E	2+35N	
4442	19	9	292	42	1086	2.3	164	120	492	16.61	97	8	3	GRID EXT.	80+85E	2+35N	
4443	14	7	430	10	871	.8	90	59	487	7.79	29	7	8	GRID EXT.	80+85E	2+35N	
4444	17	9	665	16	4729	.6	127	89	270	14.28	50	11	3	GRID EXT.	80+85E	2+35N	
4444	16													GRID EXT.	80+85E	2+35N	
4445	17	9	460	12	2752	.8	144	94	240	11.65	4	4	3	GRID EXT.	80+85E	2+35N	
4446	17	9	510	22	4595	1.5	167	121	419	15.90	49	2	3	GRID EXT.	80+85E	2+35N	
4447	18	7	705	70	1533	4.4	159	120	472	18.36	39	2	3	GRID EXT.	80+85E	2+35N	
4448	17	9	538	18	3677	1.5	125	89	282	12.81	10	9	3	GRID EXT.	80+85E	2+35N	
4449	18	11	384	18	3215	1.3	118	79	314	12.53	5	6	4	GRID EXT.	80+85E	2+35N	
4450	33	10	459	20	3441	2.2	156	109	256	15.54	12	5	3	GRID EXT.	80+85E	2+35N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4451	15	6	417	13	2511	1.2	95	80	309	12.10	4	3	11	GRID EXT.	85+00E	1+70N	
4452	14	7	319	14	4088	.9	102	85	290	12.78	11	2	3	GRID EXT.	85+00E	1+70N	
4453	15	7	429	12	2659	1.3	118	96	247	14.49	9	7	3	GRID EXT.	85+00E	1+70N	
4453	18													GRID EXT.	85+00E	1+70N	
4454	14	9	610	22	4432	1.7	147	126	394	18.40	11	7	3	GRID EXT.	85+00E	1+70N	
4455	15	8	610	29	4172	2.3	123	102	435	15.88	49	10	7	GRID EXT.	85+00E	1+70N	
4456	18	11	732	29	4676	2.6	149	130	536	19.26	23	15	8	GRID EXT.	85+00E	1+70N	
4457	13	11	521	24	4561	2.5	149	131	388	18.75	24	15	5	GRID EXT.	85+00E	1+70N	
4458	14	11	676	29	4887	2.5	156	138	411	19.56	48	15	5	GRID EXT.	85+00E	1+70N	
4459	15	12	808	30	4382	3.0	156	139	556	19.88	59	14	8	GRID EXT.	85+00E	1+70N	
4460	13	9	584	24	2461	2.2	116	94	287	15.14	22	8	3	GRID EXT.	85+00E	1+70N	
4461	14	12	1607	29	5322	3.1	143	123	406	18.84	23	12	3	GRID EXT.	85+00E	1+70N	
4462	13	12	962	33	7165	2.2	137	113	533	16.72	42	20	3	GRID EXT.	85+00E	1+70N	
4462	10													GRID EXT.	85+00E	1+70N	
4463	13	4	49	9	218	.9	23	21	473	9.65	6	5	3	GRID EXT.	85+00E	6+00N	
4464	11	4	37	13	110	1.1	20	21	229	10.30	12	6	3	GRID EXT.	85+00E	6+00N	
4465	12	3	51	14	146	1.6	22	23	237	12.85	6	2	3	GRID EXT.	85+00E	6+00N	
4466	11	5	79	19	222	2.4	28	46	221	18.52	9	5	3	GRID EXT.	85+00E	6+00N	
4467	9	3	60	10	171	2.1	23	33	212	15.43	5	2	3	GRID EXT.	85+00E	6+00N	
4468	13	3	50	8	150	1.3	20	25	226	13.46	2	2	3	GRID EXT.	85+00E	6+00N	
4469	10	2	40	11	245	1.2	17	20	384	11.49	7	4	3	GRID EXT.	85+00E	6+00N	
4469	8													GRID EXT.	85+00E	6+00N	
4470	5	14	256	22	6189	5.9	111	78	354	12.69	82	13	2	GRID EXT.	84+00E	2+20N	
4471	5	13	817	39	2810	9.7	173	155	400	22.49	103	15	2	GRID EXT.	84+00E	2+20N	
4471	5													GRID EXT.	84+00E	2+20N	
4472	5	11	379	14	1294	2.9	112	75	362	10.90	34	24	2	GRID EXT.	84+00E	2+20N	
4473	5	13	762	38	3343	7.5	181	171	464	24.35	130	30	4	GRID EXT.	84+00E	2+20N	
4474	5	14	231	15	6576	1.2	77	53	247	8.40	29	17	2	GRID EXT.	84+00E	2+20N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4486	5	10	342	14	4469	2.9	112	84	263	14.61	45	7	2	GRID EXT.	84+00E	2+20N	
4501	5	8	348	7	80	.8	61	67	44	10.90	22	4	2	GRID EXT.	84+00E	2+20N	
4939	5	8	653	9	3773	1.3	106	90	294	17.48	27	4	9	GRID EXT.	83+77E	2+20N	
4939	5													GRID EXT.	83+77E	2+20N	
4940	5	7	408	7	2790	1.2	93	79	302	14.38	29	7	3	GRID EXT.	83+77E	2+20N	
4941	5	7	437	12	5367	1.7	109	91	329	16.55	22	13	3	GRID EXT.	83+77E	2+20N	
4942	5	7	390	9	5361	1.7	120	105	425	18.52	88	11	8	GRID EXT.	83+77E	2+20N	
4943	5	10	352	3	4425	1.0	99	90	327	15.52	112	5	3	GRID EXT.	83+77E	2+20N	
4944	5	8	3263	17	3913	3.2	141	129	362	22.62	110	15	14	GRID EXT.	83+77E	2+20N	
4945	5	6	917	11	4718	1.5	103	92	498	17.11	48	8	11	GRID EXT.	83+77E	2+20N	
4946	5	6	437	11	1696	1.7	143	128	446	22.15	31	11	18	GRID EXT.	83+77E	2+20N	
4947	5	8	576	5	11258	.8	76	68	507	11.17	29	10	7	GRID EXT.	83+77E	2+20N	
4948	5	6	516	7	1208	1.6	130	114	443	20.59	25	14	15	GRID EXT.	83+77E	2+20N	
4948	5													GRID EXT.	83+77E	2+20N	
4949	5	12	446	9	7190	1.1	84	75	380	13.77	25	12	11	GRID EXT.	83+77E	2+20N	
4950	5	11	338	8	6381	1.1	112	96	408	18.06	27	15	9	GRID EXT.	83+77E	2+20N	
4951	5	11	198	5	5574	.2	86	76	451	13.08	41	2	3	GRID EXT.	83+77E	2+20N	
4952	5	13	1353	3	5746	.3	78	66	374	11.66	27	2	3	GRID EXT.	83+77E	2+20N	
4953	5	9	753	4	8327	.6	92	83	647	14.46	30	11	3	GRID EXT.	83+77E	2+20N	
4953	5													GRID EXT.	83+77E	2+20N	
4958	5	5	67	2	3008	.1	50	30	208	3.51	22	2	3	GRID EXT.	91+00E	7+42S	
4959	5	4	103	2	2400	.1	60	35	216	4.39	2	2	3	GRID EXT.	91+00E	7+42S	
2251	7	2	10	11	6	.1	18	8	110	.73	81	11	3	GRID EXT. E			SURFACE CHIPS
2252	7	3	41	2	59	.1	23	2	301	5.60	40	7	3	GRID EXT. E			SURFACE CHIPS
4426	8	7	359	23	4404	1.1	83	68	526	5.38	8	7	3	GRID EXT. N.	91+00E	7+42N	
2269	10	1	25	1	33	.1	23	7	308	3.78	6	2	2	GRID EXT. S.	PIT B		
2270	12	1	43	1	63	.1	37	15	510	8.34	24	2	2	GRID EXT. S.	PIT B		
2271	5	1	15	1	23	.1	19	10	172	1.76	24	2	2	GRID EXT. S.	PIT B		

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
2272	5	2	9	1	8	.1	19	10	103	.90	46	2	2	GRID EXT. S.	PIT B		
2273	7	2	16	3	11	.1	29	14	158	1.64	24	2	2	GRID EXT. S.	PIT B		
2274	9	2	52	1	92	.5	82	43	472	6.07	109	2	2	GRID EXT. S.	PIT B		
2275	11	3	66	3	104	1.5	101	61	586	8.42	15	5	2	GRID EXT. S.	PIT B		
2276	8	2	69	8	98	.6	71	37	521	5.28	64	4	2	GRID EXT. S.	PIT B		
2277	11	3	98	21	118	.6	115	58	477	6.36	11	8	19	GRID EXT. S.	PIT B		
2278	29	4	86	23	116	.8	87	44	575	6.71	62	10	19	GRID EXT. S.	PIT B		
2278	18													GRID EXT. S.	PIT B		
2279	13	2	120	5	116	.6	130	67	501	6.92	167	7	2	GRID EXT. S.	PIT B		
2280	10	3	100	11	123	.5	108	52	585	6.36	97	6	2	GRID EXT. S.	PIT B		
2281	13	3	187	15	220	1.1	139	60	511	8.20	181	9	2	GRID EXT. S.	PIT B		
2282	13	3	197	9	319	1.0	187	96	350	10.39	1542	7	2	GRID EXT. S.	PIT B		
2283	18	1	51	1	57	.4	47	20	492	7.64	39	2	2	GRID EXT. S.	PIT B		
2284	17	3	169	15	125	2.9	98	68	509	23.19	62	10	11	GRID EXT. S.	PIT B		
2285	21	3	128	21	133	3.9	85	62	714	23.22	35	15	19	GRID EXT. S.	PIT B		
2286	11	2	100	3	113	1.2	64	46	602	17.47	114	5	2	GRID EXT. S.	PIT B		
2287	16	1	91	1	90	.1	55	40	549	16.18	52	2	2	GRID EXT. S.	PIT B		
2287	18													GRID EXT. S.	PIT B		
2288	15	1	79	1	68	.1	56	30	343	13.96	8	2	2	GRID EXT. S.	PIT B		
4475	7	9	160	2	67	.7	149	71	971	13.55	2004	17	2	GRID EXT. S.	84+00E		
4476	8	8	99	1	17	.3	143	64	813	14.84	1345	13	2	GRID EXT. S.	84+00E		
4477	5	7	126	4	4	.2	106	47	587	10.56	749	10	2	GRID EXT. S.	84+00E		
4478	5	5	85	1	30	.1	103	38	423	10.03	117	10	2	GRID EXT. S.	84+00E		
4479	10	5	152	1	17	.9	110	47	267	14.18	269	3	2	GRID EXT. S.	84+00E		
4480	5	5	113	4	34	.8	101	43	280	12.62	374	3	2	GRID EXT. S.	84+00E		
4480	12													GRID EXT. S.	84+00E		
4481	5	6	74	7	60	1.1	94	40	319	9.10	260	14	2	GRID EXT. S.	84+00E		
4482	5	6	41	4	30	.1	73	40	197	4.41	441	2	2	GRID EXT. S.	84+00E		

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4483	5	5	94	4	65	.6	103	57	795	11.03	1707	7	2	GRID EXT. S.	84+00E		
4484	13	7	169	10	58	2.8	169	104	19	18.68	3245	7	2	GRID EXT. S.	84+00E		
4485	5	10	57	3	42	.1	110	40	196	5.02	80	3	2	GRID EXT. S.	84+00E		
4960														GRID EXT. S.	84+00E		
4961														GRID EXT. S.	84+00E		
4962														GRID EXT. S.	84+00E		
4963														GRID EXT. S.	84+00E		
4305	5	2	53	8	42	.1	36	15	124	2.11	2	4	3	GRID F	12+25E	0+40S	SURFACE CHIPS
4305	5													GRID F	12+25E	0+40S	SURFACE CHIPS
4306	5	213	10	16	4	.1	14	6	55	1.32	4	3	12	GRID F	14+00E	1+50S	SURFACE CHIPS
4307	5	6	20	8	66	.1	32	12	276	2.76	2	5	3	GRID F	14+20E	1+50S	SURFACE CHIPS
4308	5	2	21	3	83	.1	29	14	365	3.34	4	4	3	GRID F	14+25E	1+30S	SURFACE CHIPS
4309	5	3	32	15	86	.1	34	15	494	3.68	4	4	3	GRID F	14+12E	0+75S	SURFACE CHIPS
4310	7	3	95	17	28	.8	49	16	121	1.59	48	3	3	GRID F	14+10E	0+25S	SURFACE CHIPS
4311	5	5	159	8	68	1.3	64	46	110	9.97	17	6	3	GRID F	14+10E		SURFACE CHIPS
4356	5	2	10	4	39	.1	9	5	434	1.89	114	2	2	GRID F	10+50E	0+87S	SURFACE CHIPS
4357	5	6	22	14	31	.1	16	8	332	3.24	17	2	2	GRID F	11+00E	1+37S	SURFACE CHIPS
4358	5	1	6	3	24	.1	6	3	116	.97	2	2	2	GRID F	10+00E	0+87S	SURFACE CHIPS
4359	5	1	27	1	72	.1	18	11	312	2.52	6	2	2	GRID F	9+00E	1+90S	SURFACE CHIPS
4359	5													GRID F	9+00E	1+90S	SURFACE CHIPS
4360	5	1	24	6	48	.1	18	15	178	2.29	3	2	2	GRID F	8+00E	1+70S	SURFACE CHIPS
4361	5	1	117	1	35	.3	13	12	186	2.20	5	2	2	GRID F	8+00E	1+68S	SURFACE CHIPS
4362	5	40	24	1	45	.1	7	2	182	4.14	9	2	2	GRID F	8+00E	0+04S	SURFACE CHIPS
4363	5	13	26	7	48	.1	16	6	290	5.92	7	2	2	GRID F	7+00E	0+10N	SURFACE CHIPS
4364	6	3	17	12	64	.2	10	5	227	2.98	11	2	7	GRID F	4+60E	0+12S	SURFACE CHIPS
4365	5	2	32	12	44	.3	12	5	350	3.60	7	7	2	GRID F	3+00E	5+60S	SURFACE CHIPS
4366	18	3	64	123	117	.6	14	7	438	3.17	9	2	19	GRID F	3+00E	5+45S	SURFACE CHIPS
4367	6	3	70	17	26	.2	40	18	175	1.64	13	4	6	GRID F	1+37E	3+50S	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4368	5	3	22	11	70	.1	17	8	150	2.18	8	3	2	GRID F	1+00E	0+60S	SURFACE CHIPS
4368	5													GRID F	1+00E	0+60S	SURFACE CHIPS
4369	5	101	263	25	492	1.0	50	30	346	4.65	12	6	4	GRID F	0+00E	3+30S	SURFACE CHIPS
4370	5	10	240	27	444	.9	81	49	522	5.76	10	2	2	GRID F	0+00E	3+30S	SURFACE CHIPS
4371	5	2	37	4	91	.1	64	21	157	3.56	9	2	2	GRID F	0+00E	0+35N	SURFACE CHIPS
4372	5	3	58	12	98	.1	18	5	145	6.09	10	4	2	GRID F N.	5+00E	5+75N	SURFACE CHIPS
2253	6	2	7	11	12	.1	10	3	85	.86	8	8	3	GRID G	1+00E		SURFACE CHIPS
2254	12	17	34	2	73	.6	38	10	1408	10.16	2	7	3	GRID G	2+00E		SURFACE CHIPS
2255	8	5	81	12	72	1.4	63	42	384	16.26	16	12	3	GRID G	2+00E		SURFACE CHIPS
2256	8	3	19	7	118	.4	22	2	878	4.16	8	9	3	GRID G	2+00E		SURFACE CHIPS
2257	6	6	32	6	26	.1	25	8	72	3.03	7	8	3	GRID G	1+50E		SURFACE CHIPS
2258	8	5	24	8	59	.1	23	2	163	5.70	11	3	3	GRID G	11+00E		SURFACE CHIPS
2259	6	2	59	8	83	.1	31	8	422	3.45	13	2	3	GRID G	1+00W		SURFACE CHIPS
2260	5	2	27	5	116	.1	30	16	510	3.28	21	4	3	GRID G	5+00E		SURFACE CHIPS
2261	5	1	13	8	17	.1	11	5	100	1.11	5	2	5	GRID G	5+00E		SURFACE CHIPS
2262	5	1	6	7	6	.1	8	3	84	.64	10	2	3	GRID G	5+00E		SURFACE CHIPS
2289	16	3	104	15	441	2.2	57	65	282	21.69	43	13	15	GRID G	1+00W	~1+50S	
2290	19	4	178	19	179	2.2	56	60	357	19.67	106	10	3	GRID G	1+00W	~1+50S	
2291	19	5	105	20	151	3.0	69	74	344	23.01	46	13	8	GRID G	1+00W	~1+50S	
2292	19	3	115	17	298	2.7	59	55	225	21.55	10	13	3	GRID G	1+00W	~1+50S	
4066	5	3	27	10	301	.3	27	14	642	4.47	7	2	2	GRID G	~1+00W	5+00N	
4067	5	2	32	1	40	.2	29	14	76	4.69	2	2	2	GRID G	~1+00W	5+00N	
4067	5													GRID G	~1+00W	5+00N	
4068	5	4	61	13	356	.6	39	29	184	12.92	13	2	2	GRID G	~1+00W	5+00N	
4069	5	8	110	46	110	.7	67	78	101	21.51	33	11	19	GRID G	~1+00W	5+00N	
4070	50	7	110	41	668	.8	62	71	203	20.69	74	9	19	GRID G	~1+00W	5+00N	
4071	5	11	167	69	3810	1.1	117	128	1168	26.62	28	15	41	GRID G	~1+00W	5+00N	
4072	7	8	105	40	370	.9	61	67	373	19.18	83	7	21	GRID G	~1+00W	5+00N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4073	6	7	131	29	298	.5	55	50	390	16.10	69	4	8	GRID G	~1+00W	5+00N	
4074	5	6	60	23	244	.4	40	33	722	14.07	14	2	3	GRID G	~1+00W	0+50N	
4075	5	5	63	19	145	.4	41	26	512	10.37	6	2	2	GRID G	~1+00W	0+50N	
4249	5	2	26	8	50	.5	24	10	283	2.25	21	2	3	GRID G	~1+00W		SURFACE CHIPS
4250	5	2	14	2	95	.1	13	4	176	2.66	2	2	3	GRID G	~1+00W		SURFACE CHIPS
4285	6	7	159	21	270	1.0	59	59	1162	19.83	25	7	7	GRID G	0+77E	1+50S	
4286	6	8	154	31	4367	.9	72	90	2536	24.63	24	17	20	GRID G	0+77E	1+50S	
4287	15	6	124	12	504	.3	52	47	1489	17.35	30	7	3	GRID G	0+77E	1+50S	
4288	5	2	24	6	78	.1	23	9	1018	3.69	6	2	3	GRID G	0+77E	1+50S	
4289	7	9	183	35	1037	1.6	65	82	1695	23.39	17	17	12	GRID G	0+77E	1+50S	
4290	7	3	60	4	111	.5	33	20	1213	9.90	9	2	3	GRID G	0+77E	1+50S	
4291	6	5	67	2	68	.3	37	27	606	12.44	43	2	3	GRID G	0+77E	1+50S	
4291	7													GRID G	0+77E	1+50S	
4292	5	5	53	2	51	.1	29	15	252	7.17	2	2	3	GRID G	0+77E	1+50S	
4293	9	7	137	13	304	1.0	63	62	281	18.84	62	6	3	GRID G	0+50E	1+50S	
4294	10	4	75	2	4295	.4	56	49	1487	14.55	66	6	3	GRID G	0+50E	1+50S	
4295	7	7	112	7	911	.2	59	52	526	16.44	152	5	3	GRID G	0+50E	1+50S	
4301	5													GRID G			SURFACE CHIPS
4302	6	3	18	12	55	.3	56	18	188	3.38	17	7	3	GRID G			SURFACE CHIPS
4303	5	3	24	10	37	.1	32	9	172	2.72	5	4	3	GRID G			SURFACE CHIPS
4304	5	2	30	5	29	.1	14	2	118	3.69	2	2	3	GRID G			SURFACE CHIPS
4503	5	7	1	6	1	.1	16	7	40	2.66	11	2	2	GRID G	5+00E	1+50N	SURFACE CHIPS
4503	5													GRID G	5+00E	1+50N	SURFACE CHIPS
4504	5	8	23	1	86	.2	30	18	131	4.12	13	2	2	GRID G	5+00E	1+50N	SURFACE CHIPS
4505	5	6	46	10	383	.6	74	32	350	4.43	10	11	2	GRID G	5+00E	1+60N	SURFACE CHIPS
4506	11	6	129	6	145	1.5	50	46	136	19.26	167	13	2	GRID G	6+00E	0+75S	SURFACE CHIPS
4507	35	7	95	9	286	1.9	47	34	191	16.64	149	5	2	GRID G	6+00E	0+75S	SURFACE CHIPS
4508	5	3	21	12	46	.8	8	3	21	2.35	9	2	2	GRID G	6+00E	0+75S	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4509	5	4	26	4	119	.7	34	15	546	6.24	14	2	2	GRID G	6+00E	0+80N	SURFACE CHIPS
4510	5	7	65	11	116	.9	104	41	318	4.65	16	6	2	GRID G	6+00E	0+80N	SURFACE CHIPS
4513	12	4	9	2	2	.1	18	4	67	1.67	2	2	3	GRID G	7+25E	0+70N	SURFACE CHIPS
4514	9	4	14	2	7	.1	25	5	35	3.21	6	2	3	GRID G	6+80E	0+90N	SURFACE CHIPS
4515	16	7	48	2	70	.1	48	11	201	6.33	2	2	3	GRID G	6+75E	0+80N	SURFACE CHIPS
4515	16	7	48	2	70	.1	48	11	201	6.33	2	2	3	GRID G	6+75E	0+80N	SURFACE CHIPS
4516	12	6	44	2	20	.1	59	25	45	4.23	6	2	3	GRID G	8+12E	0+90N	SURFACE CHIPS
4517	16	4	13	4	70	.1	54	15	191	3.36	8	2	3	GRID G	8+00E	0+80N	SURFACE CHIPS
4518	5	4	9	7	14	.3	18	4	65	3.35	6	2	7	GRID G	8+35E	0+90N	SURFACE CHIPS
4519	5	4	15	2	7	.4	22	6	70	3.22	13	2	3	GRID G	9+00E	1+04N	SURFACE CHIPS
4520	5	4	42	2	81	.1	30	15	517	5.06	2	2	3	GRID G W.			SURFACE CHIPS

ONEMAN LAKE, ONTARIO

ASSAY RESULTS

SAMPLE NUMBER ORDER

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
2251	7	2	10	11	6	.1	18	8	110	.73	81	11	3	GRID EXT. E			SURFACE CHIPS
2252	7	3	41	2	59	.1	23	2	301	5.60	40	7	3	GRID EXT. E			SURFACE CHIPS
2253	6	2	7	11	12	.1	10	3	85	.86	8	8	3	GRID G	1+00E		SURFACE CHIPS
2254	12	17	34	2	73	.6	38	10	1408	10.16	2	7	3	GRID G	2+00E		SURFACE CHIPS
2255	8	5	81	12	72	1.4	63	42	384	16.26	16	12	3	GRID G	2+00E		SURFACE CHIPS
2256	8	3	19	7	118	.4	22	2	878	4.16	8	9	3	GRID G	2+00E		SURFACE CHIPS
2257	6	6	32	6	26	.1	25	8	72	3.03	7	8	3	GRID G	1+50E		SURFACE CHIPS
2258	8	5	24	8	59	.1	23	2	163	5.70	11	3	3	GRID G	11+00E		SURFACE CHIPS
2259	6	2	59	8	83	.1	31	8	422	3.45	13	2	3	GRID G	1+00W		SURFACE CHIPS
2260	5	2	27	5	116	.1	30	16	510	3.28	21	4	3	GRID G	5+00E		SURFACE CHIPS
2261	5	1	13	8	17	.1	11	5	100	1.11	5	2	5	GRID G	5+00E		SURFACE CHIPS
2262	5	1	6	7	6	.1	8	3	84	.64	10	2	3	GRID G	5+00E		SURFACE CHIPS
2263	7	4	50	17	191	.1	25	12	321	1.90	4	2	3	GRID E	15+20E	1+85N	SURFACE CHIPS
2264	9	2	15	14	51	.1	8	3	294	1.59	5	3	3	GRID E	15+20E	1+75N	SURFACE CHIPS
2265	10	5	359	2	3775	1.1	45	38	246	8.61	10	2	3	GRID D	13+00E	4+25S	SURFACE CHIPS
2266	14	1	22	4	139	.1	6	1	149	1.55	2	2	3	GRID D	11+80E	1+50S	SURFACE CHIPS
2267	5	3	25	28	85	.4	27	16	90	1.84	3	2	11	GRID C	11+00E		SURFACE CHIPS
2268	10	2	277	16	110	.8	60	51	350	7.63	76	7	3	GRID C	10+00E		SURFACE CHIPS
2269	10	1	25	1	33	.1	23	7	308	3.78	6	2	2	GRID EXT. S.	PIT B		
2270	12	1	43	1	63	.1	37	15	510	8.34	24	2	2	GRID EXT. S.	PIT B		
2271	5	1	15	1	23	.1	19	10	172	1.76	24	2	2	GRID EXT. S.	PIT B		
2272	5	2	9	1	8	.1	19	10	103	.90	46	2	2	GRID EXT. S.	PIT B		
2273	7	2	16	3	11	.1	29	14	158	1.64	24	2	2	GRID EXT. S.	PIT B		
2274	9	2	52	1	92	.5	82	43	472	6.07	109	2	2	GRID EXT. S.	PIT B		
2275	11	3	66	3	104	1.5	101	61	586	8.42	15	5	2	GRID EXT. S.	PIT B		
2276	8	2	69	8	98	.6	71	37	521	5.28	64	4	2	GRID EXT. S.	PIT B		
2277	11	3	98	21	118	.6	115	58	477	6.36	11	8	19	GRID EXT. S.	PIT B		
2278	29	4	86	23	116	.8	87	44	575	6.71	62	10	19	GRID EXT. S.	PIT B		

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
2278	18													GRID EXT. S.	PIT B		
2279	13	2	120	5	116	.6	130	67	501	6.92	167	7	2	GRID EXT. S.	PIT B		
2280	10	3	100	11	123	.5	108	52	585	6.36	97	6	2	GRID EXT. S.	PIT B		
2281	13	3	187	15	220	1.1	139	60	511	8.20	181	9	2	GRID EXT. S.	PIT B		
2282	13	3	197	9	319	1.0	187	96	350	10.39	1542	7	2	GRID EXT. S.	PIT B		
2283	18	1	51	1	57	.4	47	20	492	7.64	39	2	2	GRID EXT. S.	PIT B		
2284	17	3	169	15	125	2.9	98	68	509	23.19	62	10	11	GRID EXT. S.	PIT B		
2285	21	3	128	21	133	3.9	85	62	714	23.22	35	15	19	GRID EXT. S.	PIT B		
2286	11	2	100	3	113	1.2	64	46	602	17.47	114	5	2	GRID EXT. S.	PIT B		
2287	16	1	91	1	90	.1	55	40	549	16.18	52	2	2	GRID EXT. S.	PIT B		
2287	18													GRID EXT. S.	PIT B		
2288	15	1	79	1	68	.1	56	30	343	13.96	8	2	2	GRID EXT. S.	PIT B		
2289	16	3	104	15	441	2.2	57	65	282	21.69	43	13	15	GRID G	1+00W	~1+50S	
2290	19	4	178	19	179	2.2	56	60	357	19.67	106	10	3	GRID G	1+00W	~1+50S	
2291	19	5	105	20	151	3.0	69	74	344	23.01	46	13	8	GRID G	1+00W	~1+50S	
2292	19	3	115	17	298	2.7	59	55	225	21.55	10	13	3	GRID G	1+00W	~1+50S	
2293	15	6	567	26	2959	2.0	117	108	99	15.50	73	8	2	GRID EXT.	88+75E	88+75E	
2294	14	3	171	11	1623	.1	61	48	223	6.72	41	3	2	GRID EXT.	88+75E	88+75E	
2295	22	4	324	6	1511	.1	70	61	545	9.93	32	2	2	GRID EXT.	88+75E	88+75E	
2296	17	4	4	155	4427	.8	92	81	627	12.52	69	5	2	GRID EXT.	88+75E	88+75E	
2296	21													GRID EXT.	88+75E	88+75E	
2297	38	3	298	9	557	.1	103	89	548	10.62	12	2	2	GRID EXT.	88+75E	88+75E	
2298	16	6	624	13	5276	.9	96	87	148	13.70	21	5	2	GRID EXT.	88+75E	88+75E	
2299	65	6	502	24	2684	.9	88	85	154	12.21	112	3	2	GRID EXT.	88+75E	88+75E	
2300	14	6	491	34	4564	2.4	119	109	112	15.48	54	10	2	GRID EXT.	88+75E	88+75E	
4001	5	4	20	0	16	.1	17	5	202	2.14	17	2	3	GRID A	13+20E	3+25S5	SURFACE CHIPS
4002	27	8	66	6	98	.5	34	34	275	3.86	3339	6	3	GRID A	7+87E	1+87N	SURFACE CHIPS
4003	94	11	134	8	52	.4	87	87	321	4.52	10222	21	3	GRID A	7+75E	1+62N	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4004	5	5	33	6	81	.1	96	35	259	3.94	171	10	3	GRID A	5+00E	3+00S	SURFACE CHIPS
4005	5	8	54	14	111	.5	38	17	187	3.08	31	7	3	GRID A	2+00E	1+20N	SURFACE CHIPS
4006	5	9	111	30	232	1.5	54	28	158	3.79	24	6	3	GRID A	9+25E	1+50N	SURFACE CHIPS
4007	5	9	63	24	1209	.7	51	22	334	4.36	47	9	3	GRID A	9+25E	1+55N	SURFACE CHIPS
4008	5	8	82	25	254	1.0	43	20	152	3.52	81	6	3	GRID A	8+75E	1+50N	SURFACE CHIPS
4009	5	10	79	14	235	.6	65	31	524	3.23	33	10	3	GRID A	8+50E	1+60N	SURFACE CHIPS
4010	5	12	347	23	428	1.4	96	56	245	6.42	27	11	3	GRID A	8+50E	1+70N	SURFACE CHIPS
4010	5													GRID A	8+50E	1+70N	SURFACE CHIPS
4011	40	13	147	7	51	.6	100	97	256	4.36	6992	22	3	GRID A	7+75E	1+62N	SURFACE CHIPS
4012	13	11	271	13	6299	1.4	89	67	357	3.46	353	12	3	GRID A	6+75E	1+60N	SURFACE CHIPS
4013	5	5	97	13	229	.8	27	20	727	5.14	41	10	3	GRID A	6+50E	1+60N	SURFACE CHIPS
4014	5	7	70	17	119	.6	47	37	257	4.37	188	8	3	GRID A	5+12E	0+90N	SURFACE CHIPS
4015	9	17	146	4	520	.7	79	49	387	10.27	17	10	3	GRID A	5+12E	0+84N	SURFACE CHIPS
4016	8	12	194	19	512	1.3	68	55	213	8.06	22	5	3	GRID A	6+00E	1+05N	SURFACE CHIPS
4017	5	9	112	10	65	.7	104	34	563	4.20	28	15	3	GRID A	6+00E	0+87N	SURFACE CHIPS
4018	5	4	42	10	38	.4	33	17	513	4.49	15	8	3	GRID A	6+87E	0+87N	SURFACE CHIPS
4019	5	3	7	8	40	.6	8	3	139	1.38	31	2	3	GRID A	9+50E	4+00N	SURFACE CHIPS
4019	5													GRID A	9+50E	4+00N	SURFACE CHIPS
4020	5	6	39	42	34	.6	22	8	279	5.63	78	7	3	GRID EXT.	81+87E	4+55S	SURFACE CHIPS
4021	18	4	20	2	30	.1	32	15	999	7.07	1857	5	3	GRID EXT.	81+75E	4+50S	SURFACE CHIPS
4022	5	4	191	14	22	.8	145	44	114	1.56	174	14	3	GRID EXT.	82+20E	3+87S	SURFACE CHIPS
4023	11	7	62	9	87	.1	64	132	177	5.40	2295	10	3	GRID EXT.	81+80E	2+25N	SURFACE CHIPS
4024	5	4	18	19	38	.2	21	8	150	1.49	26	2	3	GRID EXT.	82+00E	5+87N	SURFACE CHIPS
4025	5	9	9	12	48	.5	29	10	167	3.77	14	4	3	GRID EXT.	82+00E	6+00N	SURFACE CHIPS
4026	5	4	27	10	63	.4	29	16	587	4.26	29	6	3	GRID EXT.	81+00E	2+25N	SURFACE CHIPS
4027	5	6	37	2	76	.2	20	7	1364	8.89	6	2	3	GRID EXT.	81+12E	1+75S	SURFACE CHIPS
4028	13	4	15	9	91	.7	17	8	285	3.29	27102	3	3	GRID EXT.	77+75E	9+25N	SURFACE CHIPS
4029	5	3	44	26	210	1.9	85	26	1164	4.76	277	24	3	GRID EXT.	77+50E	9+50N	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4030	5	3	32	21	112	1.8	22	4	444	2.48	60	16	3	GRID EXT.	77+75E	9+00N	SURFACE CHIPS
4031	5	6	8	10	13	.2	10	3	410	1.40	14	2	3	GRID EXT.	76+00E	7+50N	SURFACE CHIPS
4032	17	11	234	12	136	2.1	165	41	718	8.96	22	2	3	GRID EXT.	76+00E	3+50S	SURFACE CHIPS
4033	5	6	163	2	188	.1	43	16	207	4.33	8	2	3	GRID EXT.	76+00E	3+12N	SURFACE CHIPS
4034	9	15	59	19	113	.4	107	36	250	4.33	29	10	3	GRID EXT.	76+00E	3+25N	SURFACE CHIPS
4035	5	9	17	2	18	.1	60	15	445	7.18	57	6	3	GRID EXT.	77+00E	2+62S	SURFACE CHIPS
4036	17	12	19	2	26	.2	66	16	705	8.83	79	9	3	GRID EXT.	77+00E	2+50S	SURFACE CHIPS
4037	5	7	56	2	121	1.5	64	12	407	3.28	100	2	3	GRID EXT.	93+00E	6+25N	SURFACE CHIPS
4038	5	8	36	2	62	1.9	37	6	345	3.33	32	2	3	GRID EXT.	92+35E	6+87N	SURFACE CHIPS
4039	5	9	20	5	45	1.1	39	6	284	2.44	10	3	3	GRID EXT.	93+00E	6+37N	SURFACE CHIPS
4040	8	10	35	5	147	1.0	59	12	425	3.45	88	3	3	GRID EXT.	77+75E	'2+75S	SURFACE CHIPS
4041	10	11	65	12	54	.5	82	25	361	6.42	510	10	3	GRID EXT.	77+75E	'2+62S	SURFACE CHIPS
4041	10													GRID EXT.	77+75E	'2+62S	SURFACE CHIPS
4042	5	2	107	2	59	1.1	63	12	153	3.09	51	2	9	GRID EXT.	78+00E	2+25S	SURFACE CHIPS
4043	5	4	74	6	36	.3	29	10	410	4.38	42	2	9	GRID EXT.	79+00E	2+35N	SURFACE CHIPS
4044	5	2	323	3	83	.7	38	13	521	6.16	2	2	3	GRID EXT.	79+00E	1+50S	SURFACE CHIPS
4045	5	3	69	4	80	.5	53	12	145	3.72	41	2	3	GRID EXT.	79+00E	2+37S	SURFACE CHIPS
4046	5	4	79	2	59	.3	56	16	279	3.20	52	2	4	GRID EXT.	79+40E	'2+50S	SURFACE CHIPS
4047	18	2	66	3	46	.8	102	21	323	4.38	458	2	3	GRID EXT.	79+00E	'2+62S	SURFACE CHIPS
4048	5	4	10	22	32	.8	26	7	109	1.28	20	2	19	GRID EXT.	79+00E	'3+05S	SURFACE CHIPS
4049	5	5	20	2	86	.3	33	7	486	2.28	17	2	10	GRID EXT.	79+00E	'3+12S	SURFACE CHIPS
4050	5	8	73	3	36	1.0	149	44	571	5.78	8	2	3	GRID EXT.	80+20E	'5+00S	SURFACE CHIPS
4050	5													GRID EXT.	80+20E	'5+00S	SURFACE CHIPS
4052	36	4	59	4	42	.2	60	3	300	6.97	38	2	3	GRID C	27+00E	2+00N	SURFACE CHIPS
4053	5	3	96	8	58	.5	35	7	305	4.52	28	2	3	GRID C	27+00E	3+10N	SURFACE CHIPS
4054	8	5	99	2	42	.6	109	26	530	10.45	16	5	3	GRID C	25+00E	2+00N	SURFACE CHIPS
4055	13	4	126	6	45	.8	98	16	508	13.50	31	3	3	GRID C	25+00E	2+00N	SURFACE CHIPS
4056	14	2	93	3	70	.4	23	3	218	5.79	51	7	3	GRID C	6+00E	0+75N	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4058	5	7	63	25	92	.3	31	46	154	18.38	66	3	2	GRID EXT.	91+00E	5+00N	
4059	5	6	60	21	76	.2	29	41	175	16.32	14	2	2	GRID EXT.	91+00E	5+00N	
4060	5	5	57	17	93	.3	31	43	171	16.00	29	2	2	GRID EXT.	91+00E	5+00N	
4061	5	3	39	9	78	.1	21	21	189	10.58	19	2	2	GRID EXT.	91+00E	5+00N	
4062	5	6	58	24	86	.3	28	47	220	16.90	35	3	2	GRID EXT.	91+00E	5+00N	
4063	5	5	62	16	99	.1	32	40	246	15.04	13	2	2	GRID EXT.	91+00E	5+00N	
4064	5	6	64	29	87	.2	34	51	198	17.73	44	2	2	GRID EXT.	91+00E	5+00N	
4065	13	3	48	8	93	.1	30	32	236	12.17	25	2	2	GRID EXT.	91+00E	5+00N	
4066	5	3	27	10	301	.3	27	14	642	4.47	7	2	2	GRID G	~1+00W	5+00N	
4067	5	2	32	1	40	.2	29	14	76	4.69	2	2	2	GRID G	~1+00W	5+00N	
4067	5													GRID G	~1+00W	5+00N	
4068	5	4	61	13	356	.6	39	29	184	12.92	13	2	2	GRID G	~1+00W	5+00N	
4069	5	8	110	46	110	.7	67	78	101	21.51	33	11	19	GRID G	~1+00W	5+00N	
4070	50	7	110	41	668	.8	62	71	203	20.69	74	9	19	GRID G	~1+00W	5+00N	
4071	5	11	167	69	3810	1.1	117	128	1168	26.62	28	15	41	GRID G	~1+00W	5+00N	
4072	7	8	105	40	370	.9	61	67	373	19.18	83	7	21	GRID G	~1+00W	5+00N	
4073	6	7	131	29	298	.5	55	50	390	16.10	69	4	8	GRID G	~1+00W	5+00N	
4074	5	6	60	23	244	.4	40	33	722	14.07	14	2	3	GRID G	~1+00W	0+50N	
4075	5	5	63	19	145	.4	41	26	512	10.37	6	2	2	GRID G	~1+00W	0+50N	
4076	5	4	36	14	171	.1	28	13	552	5.56	7	3	5	GRID EXT.	91+00E	5+00N	
4077	62	5	176	30	533	.5	97	150	671	11.43	7390	2	2	GRID EXT.	91+00E	3+35N	
4077	69													GRID EXT.	91+00E	3+35N	
4078	60	3	192	25	657	.3	73	106	693	9.59	3746	2	2	GRID EXT.	91+00E	3+35N	
4079	5	9	150	18	63	.7	54	38	181	9.73	114	2	2	GRID EXT.	92+00E	10+18N	
4080	5	6	290	20	249	1.5	61	46	234	12.19	40	3	2	GRID EXT.	92+00E	10+18N	
4081	5	26	169	24	142	.9	67	53	206	13.61	26	2	2	GRID EXT.	92+00E	10+18N	
4082	5	4	46	14	283	.2	24	10	261	3.01	6	2	5	GRID EXT.	92+00E	10+18N	
4083	5	12	161	16	397	.8	52	37	164	10.63	6	4	10	GRID EXT.	92+00E	10+18N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4084	5	3	221	8	195	.1	43	29	157	9.34	2	2	2	GRID EXT.	92+00E	10+18N	
4085	5	7	165	36	153	.4	78	63	284	17.14	22	3	16	GRID EXT.	92+00E	10+75N	
4085	5													GRID EXT.	92+00E	10+75N	
4086	9	6	150	31	156	.5	87	63	267	15.89	49	2	15	GRID EXT.	92+00E	10+75N	
4087	5	9	247	48	107	.5	97	88	437	21.35	21	12	26	GRID EXT.	92+00E	10+75N	
4088	5	6	125	23	349	.1	53	31	544	12.39	10	2	2	GRID EXT.	92+00E	10+75N	
4089	5	4	117	17	181	.1	64	38	395	12.38	13	2	2	GRID EXT.	92+00E	10+75N	
4090	5	4	121	13	107	.1	58	36	369	12.12	11	2	2	GRID EXT.	92+00E	10+75N	
4091	5	4	128	12	298	.1	72	46	556	13.30	32	2	2	GRID EXT.	92+00E	10+75N	
4092	5	6	161	31	269	.3	79	60	369	15.72	41	2	2	GRID EXT.	92+00E	10+75N	
4093	131	4	83	14	1432	.5	63	43	589	7.76	62	4	2	GRID EXT.	92+00E	10+75N	
4094	5	9	173	37	133	1.1	89	71	380	19.25	37	9	9	GRID EXT.	92+00E	10+75N	
4094	5													GRID EXT.	92+00E	10+75N	
4095	5	6	166	19	266	.3	67	48	455	14.83	37	3	2	GRID EXT.	92+00E	10+75N	
4096	5	6	169	30	436	.1	76	56	458	15.99	79	4	2	GRID EXT.	92+00E	10+75N	
4097	5	7	146	17	204	.6	75	54	425	16.25	48	2	2	GRID EXT.	92+00E	10+75N	
4098	101	5	161	24	580	1.1	117	225	724	11.14	12969	4	2	GRID EXT.	91+00E	3+35N	
4099	118	5	179	25	439	.9	127	225	587	10.91	12926	2	2	GRID EXT.	91+00E	3+35N	
4151	6	13	453	20	3678	1.0	127	103	753	9.22	20	14	3	GRID B	7+00E	~1+55N	
4152	5	6	125	14	231	1.2	43	21	263	1.96	14	9	3	GRID B	7+00E	~1+55N	
4153	5	6	137	20	641	1.0	50	36	517	3.60	79	13	3	GRID B	7+00E	~1+55N	
4154	5	5	197	19	510	.4	48	36	273	4.27	37	9	3	DETAIL	60+25E	4+10N	
4155	5	14	483	27	4070	.9	146	128	308	13.42	69	12	3	DETAIL	60+25E	4+10N	
4156	6	8	322	26	1476	1.7	82	82	411	7.58	289	12	3	DETAIL	60+25E	4+10N	
4157	5	4	71	11	537	.8	35	37	302	4.10	29	11	3	DETAIL	60+25E	4+10N	
4158	6	15	703	31	4505	.8	165	145	576	15.18	26	12	3	DETAIL	60+25E	4+10N	
4159	9	16	426	27	1895	1.4	140	166	286	18.24	92	13	3	GRID B	~24+00E	4+10N	
4160	6	6	148	12	135	.3	51	43	124	4.14	25	9	3	GRID B	~24+00E	4+10N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4160	7													GRID B	~24+00E	4+10N	
4161	7	5	84	17	53	1.0	40	36	223	3.73	57	10	3	GRID B	~24+00E	4+10N	
4162	12	11	211	15	684	1.6	72	78	350	11.02	24	12	3	GRID B	24+50E	1+50N	
4163	10	4	124	24	53	.8	49	49	106	3.84	32	8	3	GRID B	24+25E	1+60N	
4163	9													GRID B	24+25E	1+60N	
4164	10	13	350	46	4268	2.1	123	93	475	9.07	67	7	3	GRID B	24+40E	1+60N	
4165	10	10	289	25	2995	1.0	93	66	376	8.26	24	5	3	GRID B	24+40E	1+60N	
4166	7	9	383	25	2078	1.5	94	77	557	9.26	20	8	3	GRID B	24+40E	1+60N	
4167	7	8	165	12	923	1.1	131	104	466	11.35	16	5	3	GRID B	24+40E	1+60N	
4168	6	7	414	25	1215	1.8	122	116	695	12.35	8	7	3	GRID B	24+40E	1+60N	
4169	6	8	326	24	1454	1.7	150	156	557	14.97	26	4	3	GRID B	24+40E	1+60N	
4170	7	11	392	26	4384	2.1	146	143	396	13.17	33	9	3	GRID B	24+40E	1+60N	
4171	7	13	366	44	1785	1.6	127	92	453	9.16	45	8	3	GRID B	24+40E	1+60N	
4172	8	7	656	12	1448	1.1	97	72	647	10.15	7	2	3	GRID B	24+40E	1+60N	
4173	10	9	485	28	3987	1.3	96	59	438	7.07	33	7	3	GRID B	24+40E	1+60N	
4174	7	15	274	30	10270	2.3	152	165	224	17.21	140	18	3	GRID B	24+40E	1+60N	
4174	9													GRID B	24+40E	1+60N	
4175	10	9	598	14	4482	2.1	135	124	308	14.82	130	9	3	GRID B	24+40E	1+60N	
4176	5	8	157	36	898	1.1	63	36	278	2.36	16	5	3	DETAIL	59+50E	4+75N	
4177	16	10	1273	104	5327	2.4	144	119	361	8.63	17	8	3	DETAIL	59+50E	1+60N	
4178	10	16	627	35	5061	2.8	178	198	101	19.57	32	18	3	GRID B	24+25E	1+60N	
4176	12													GRID B	24+25E	1+60N	
4179	6	8	396	20	916	2.0	140	154	421	17.45	62	10	3	GRID B	24+25E	1+60N	
4180	6	10	510	12	2331	2.5	149	112	455	11.73	8	3	3	GRID B	24+25E	1+60N	
4181	10	9	403	81	4452	1.7	104	75	377	6.04	17	5	3	GRID B	24+25E	1+60N	
4182	18	16	871	28	10720	2.5	188	186	491	13.76	104	11	3	GRID B	24+25E	1+60N	
4183	10	2	89	2	62	.4	27	3	605	6.89	57	2	3	GRID C			SURFACE CHIPS
4183	9													GRID C			SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4184	5	3	13	2	120	.1	17	1	253	2.34	19	2	3	GRID C			SURFACE CHIPS
4185	8	2	24	2	44	.1	13	1	354	9.46	5	2	3	GRID C			SURFACE CHIPS
4186	13	4	22	2	172	.1	18	1	3635	13.95	38	2	3	GRID C			SURFACE CHIPS
4187	11	6	141	10	227	.1	50	8	543	7.37	20	4	3	GRID C			SURFACE CHIPS
4188	17	15	153	5	155	.2	83	33	1903	18.50	6	7	3	GRID C			SURFACE CHIPS
4188	18													GRID C			SURFACE CHIPS
4189	13	4	72	12	215	.1	30	18	425	6.99	69	5	3	GRID C	1+00E	1	SURFACE CHIPS
4190	31	5	49	15	70	.7	12	25	1069	17.92	90	3	3	GRID C	2+00E	1	SURFACE CHIPS
4191	71	2	79	4	159	.3	441	21	522	4.79	46	6	3	GRID C	8+00E	1	SURFACE CHIPS
4192	16	2	56	12	29	.3	17	6	224	4.24	10	7	3	GRID C	8+00E	2	SURFACE CHIPS
4193	14	11	328	35	4355	1.2	102	94	740	8.46	20	12	3	GRID B	7+00E	1+60N	
4194	32	9	1301	90	3385	1.5	73	74	976	6.05	29	124	3	GRID B	7+00E	1+60N	
4195	17	12	249	11	3115	1.3	96	71	773	8.52	107	13	3	GRID B	7+00E	1+60N	
4196	22	10	463	44	5201	1.2	103	79	769	8.16	21	15	3	GRID B	7+00E	1+60N	
4197	11	9	418	30	9138	.9	89	67	619	8.28	13	13	3	GRID B	7+00E	1+60N	
4198	36	11	902	18	7022	2.3	233	180	517	15.29	101	15	3	GRID B	7+00E	1+60N	
4198	33													GRID B	7+00E	1+60N	
4199	15	7	1349	34	7216	1.8	78	47	450	7.62	17	12	3	GRID B	7+00E	1+60N	
4199	12													GRID B	7+00E	1+60N	
4200	13	9	1570	26	4975	1.7	84	52	436	6.48	33	8	3	GRID B	7+00E	1+60N	
4201	22	6	116	6	195	3.0	97	70	338	8.10	12	4	3	GRID EXT.	79+60E	4+87S	SURFACE CHIPS
4202	16	7	267	20	84	1.7	145	84	654	17.97	13	13	3	GRID EXT.	80+00E	3+87S	SURFACE CHIPS
4203	5	10	23	21	67	2.1	37	13	196	2.00	25	8	18	GRID EXT.	80+20E	1+25S	SURFACE CHIPS
4204	5	3	63	10	87	4.3	70	26	242	4.81	63	2	14	GRID EXT.	80+25E	2+28N	SURFACE CHIPS
4205	5	4	49	3	106	1.1	53	12	1373	5.23	74	4	10	GRID EXT.	80+00E	1+25S	SURFACE CHIPS
4206	8	2	157	2	17	.7	40	20	933	5.17	7	2	5	GRID EXT.	74+80E	3+60S	SURFACE CHIPS
4207	9	5	32	10	36	2.4	91	29	907	4.79	59	9	5	GRID EXT.	74+62E	3+75S	SURFACE CHIPS
4208	21	6	136	2	81	1.6	72	68	580	9.47	6	2	3	GRID EXT.	75+00E	3+50S	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4209	11	3	62	3	71	.1	39	25	300	6.20	2	2	3	GRID EXT.	75+00E	3+37S	SURFACE CHIPS
4210	9	4	76	2	54	.9	82	21	233	4.03	68	2	3	GRID EXT.	75+00E	1+62S	SURFACE CHIPS
4211	5	5	8	20	8	.1	9	2	175	1.33	15	2	3	GRID EXT.	75+25E	3+35N	SURFACE CHIPS
4212	7	4	275	11	161	1.3	62	30	327	5.17	8	2	3	GRID EXT.	73+37E	1+00S	SURFACE CHIPS
4213	5	9	40	12	7	.7	37	12	154	2.55	49	6	10	GRID EXT.	74+25E	1+87S	SURFACE CHIPS
4213	5													GRID EXT.	74+25E	1+87S	SURFACE CHIPS
4214	5	2	23	6	118	.3	10	3	541	2.74	12	2	3	GRID EXT.	78+75E	10+62N	SURFACE CHIPS
4215	5	4	9	2	21	.1	7	1	112	2.26	5	2	3	GRID EXT.	80+15E	12+12N	SURFACE CHIPS
4216	35	9	147	11	111	1.4	86	39	405	9.56	37	4	3	GRID EXT.	74+00E	3+37S	SURFACE CHIPS
4217	26	4	85	11	81	1.0	45	15	358	4.96	26	2	3	GRID EXT.	74+20E	3+42S	SURFACE CHIPS
4218	13	4	72	13	265	.5	47	16	613	7.47	21	2	3	GRID EXT.	74+50E	3+50S	SURFACE CHIPS
4219	31	4	133	2	96	.8	49	24	748	6.31	36	2	3	GRID EXT.	74+70E	3+55S	SURFACE CHIPS
4220	9	2	35	2	52	.5	28	13	609	4.64	41	2	3	GRID EXT.	72+75E	2+87S	SURFACE CHIPS
4221	8	3	80	2	41	.1	78	16	621	4.09	13	5	3	GRID EXT.	72+75E	3+25S	SURFACE CHIPS
4222	16	5	55	12	87	1.3	42	14	252	4.43	36	5	3	GRID EXT.	72+00E	2+90S	SURFACE CHIPS
4223	5	4	94	2	43	.1	116	34	665	5.19	12	5	3	GRID EXT.	71+00E	2+87S	SURFACE CHIPS
4223	5													GRID EXT.	71+00E	2+87S	SURFACE CHIPS
4224	5	8	64	8	60	.1	19	1	274	6.49	45	2	13	GRID EXT.	71+00E	1+40N	SURFACE CHIPS
4225	5	2	7	2	12	.1	11	1	92	1.38	7	2	5	GRID EXT.	79+50E	8+12N	SURFACE CHIPS
4226	5	2	88	2	213	.1	21	1	633	10.18	55	2	3	GRID EXT.	84+00E	2+12N	SURFACE CHIPS
4227	5	3	83	2	132	.1	18	5	92	1.90	17	5	3	GRID EXT.	84+00E	1+00N	SURFACE CHIPS
4228	5	2	38	2	39	.1	23	13	130	2.06	33	3	4	GRID EXT.	86+00E	2+25N	SURFACE CHIPS
4229	5	5	14	7	56	.1	13	3	93	1.60	10	2	7	GRID EXT.	91+40E	7+37N	SURFACE CHIPS
4230	5	5	25	5	88	.2	23	6	123	2.32	17	2	3	GRID EXT.	90+75E	7+60N	SURFACE CHIPS
4231	5	1	154	4	28	.1	25	12	228	2.48	23	3	3	GRID EXT.	91+37E	0+50S	SURFACE CHIPS
4232	5	3	31	3	70	.1	17	2	407	2.66	94	3	3	GRID EXT.	90+80E	6+80N	SURFACE CHIPS
4232	11													GRID EXT.	90+80E	6+80N	SURFACE CHIPS
4233	5	2	203	2	101	.4	44	25	270	2.15	42	7	7	GRID EXT.	82+00E	9+40N	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4234	7	2	66	2	189	.1	71	22	639	4.20	143	10	3	GRID EXT.	83+00E	10+75N	SURFACE CHIPS
4235	81	4	37	2	88	.7	40	14	418	3.56	1751	13	3	GRID EXT.	83+00E	8+60N	SURFACE CHIPS
4236	14	3	33	17	292	1.9	22	18	282	2.94	43	13	3	GRID EXT.	85+00E	11+12N	SURFACE CHIPS
4237	6	6	40	10	122	1.1	23	11	740	4.19	7	9	3	GRID EXT.	90+00E	11+25N	SURFACE CHIPS
4238	5	15	71	4	98	.7	29	13	404	6.62	17	10	3	GRID EXT.	89+80E	10+50N	SURFACE CHIPS
4239	5	4	32	5	315	.7	23	11	95	3.43	25	4	5	GRID EXT.	89+80E	8+10N	SURFACE CHIPS
4240	5	12	201	8	251	2.1	58	43	201	14.44	46	10	3	GRID EXT.	88+90E	10+75N	SURFACE CHIPS
4241	5	2	17	10	36	.1	13	5	178	1.97	3	2	8	GRID EXT.	88+25E	11+00N	SURFACE CHIPS
4242	5	5	646	2	2663	1.5	86	68	462	8.57	6	5	3	GRID EXT.	NE of GRID	13+00N	SURFACE CHIPS
4243	5	2	44	7	57	.6	16	19	148	1.45	61	5	3	GRID EXT.	89+00E	1+87N	SURFACE CHIPS
4244	6	2	90	15	102	1.4	69	5	261	3.73	373	7	3	GRID EXT.	89+12E	0+20S	SURFACE CHIPS
4245	5	2	19	5	60	.4	18	28	308	3.25	139	2	3	GRID EXT.	89+12E	0+20S	SURFACE CHIPS
4245	5													GRID EXT.	89+12E	0+20S	SURFACE CHIPS
4246	9	2	21	5	83	.1	15	4	474	4.55	13	2	3	GRID D	14+00E	100S	SURFACE CHIPS
4247	9	3	20	4	58	.4	50	11	210	2.05	10	2	3	GRID D	14+00E	100S	SURFACE CHIPS
4247	11													GRID D	14+00E	100S	SURFACE CHIPS
4248	7	4	47	2	611	.3	49	11	283	8.36	2	2	3	GRID D	15+00E	0+85S	SURFACE CHIPS
4249	5	2	26	8	50	.5	24	10	283	2.25	21	2	3	GRID G	~1+00W		SURFACE CHIPS
4250	5	2	14	2	95	.1	13	4	176	2.66	2	2	3	GRID G	~1+00W		SURFACE CHIPS
4251	17	6	4864	26	3687	3.9	129	100	473	14.09	29	8	3	GRID B	8+50E	1+60N	
4252	26	7	4221	34	3167	4.0	137	107	490	14.98	67	12	3	GRID B	8+50E	1+60N	
4253	13	9	506	30	2344	3.0	201	166	741	17.39	40	13	3	GRID B	8+50E	1+60N	
4254	6	8	1208	3	3450	1.5	134	97	140	11.51	5	9	3	GRID A	7+80E	1+80N	
4255	7	8	1131	19	2992	1.9	141	102	296	12.16	25	8	3	GRID A	7+80E	1+80N	
4256	16	9	822	10	6246	2.6	269	216	149	17.00	4	15	3	GRID A	7+80E	1+80N	
4257	9	9	1291	11	1601	3.1	225	182	193	18.32	39	14	3	GRID A	7+80E	1+80N	
4258	6	10	528	10	9551	1.3	128	93	418	9.76	15	10	3	GRID A	7+80E	1+80N	
4258	8													GRID A	7+80E	1+80N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4259	5	9	280	2	9319	.9	121	86	321	10.65	2	11	3	GRID A	7+80E	1+80N	
4260	5	8	507	2	4804	.7	125	86	333	11.67	10	10	3	GRID A	7+80E	1+30N	
4261	5	4	461	20	1605	.9	86	49	238	6.65	4	9	3	GRID A	8+25E	1+80N	
4262	7	4	474	9	2879	.8	92	52	283	6.65	3	7	3	GRID A	8+25E	1+80N	
4263	5	4	588	8	1800	1.1	114	66	392	8.30	3	10	3	GRID A	8+25E	1+80N	
4264	5	4	620	13	3301	1.0	110	66	182	8.36	4	5	3	GRID A	8+25E	1+80N	
4265	19	5	482	24	1859	1.4	119	78	230	9.91	72	9	3	GRID A	8+20E	1+80N	
4266	37	6	730	22	4255	1.6	143	94	233	11.57	29	13	3	GRID A	8+20E	1+80N	
4267	20	4	162	10	1120	.5	60	34	325	4.49	44	9	3	GRID A	8+20E	1+80N	
4267	18													GRID A	8+20E	1+80N	
4268	19	3	163	9	899	.3	46	26	286	3.35	49	7	3	GRID A	8+20E	1+80N	
4269	37	6	1635	23	2601	2.8	166	110	181	12.80	16	9	3	GRID A	8+20E	1+80N	
4270	24	4	6066	15	2377	2.5	80	49	252	6.82	40	7	3	GRID A	8+20E	1+80N	
4271	7	9	826	7	6049	1.1	126	90	328	10.46	51	8	3	GRID A	7+75E	1+80N	
4272	8	7	244	17	3315	.4	68	49	303	6.31	117	9	3	GRID A	7+75E	1+80N	
4273	11	8	631	6	6274	1.4	145	103	251	11.89	4	7	3	GRID A	7+75E	1+80N	
4274	10	4	703	73	1950	2.3	114	82	233	10.40	55	7	3	GRID A	7+75E	1+80N	
4275	10	9	383	8	5489	1.3	125	86	355	10.14	2	10	3	GRID A	7+75E	1+80N	
4276	15	8	433	6	6615	2.0	203	154	122	14.62	4	12	3	GRID A	7+75E	1+80N	
4276	16													GRID A	7+75E	1+80N	
4277	10	5	378	12	2771	.8	155	148	441	15.81	5	6	3	GRID B	19+00E	2+01N	
4278	14	10	322	33	5211	1.3	239	260	449	22.54	46	10	3	GRID B	19+00E	2+01N	
4279	9	9	645	37	3384	.9	141	131	371	15.04	17	2	3	GRID B	19+00E	2+01N	
4280	34	9	2608	55	4405	1.6	130	112	277	12.42	23	2	3	GRID B	19+00E	2+01N	
4281	13	10	217	46	434	3.3	434	468	245	24.77	25	15	14	GRID B	19+00E	2+01N	
4282	11	12	624	35	20928	2.2	265	295	422	21.08	402	19	3	GRID B	19+00E	2+01N	
4282	16													GRID B	19+00E	2+01N	
4283	8	8	648	27	5867	1.3	136	121	555	13.21	24	4	3	GRID B	19+00E	2+01N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4284	37	8	961	36	5636	1.2	149	142	670	14.67	29	9	3	GRID B	19+00E	2+01N	
4285	6	7	159	21	270	1.0	59	59	1162	19.83	25	7	7	GRID G	0+77E	1+50S	
4286	6	8	154	31	4367	.9	72	90	2536	24.63	24	17	20	GRID G	0+77E	1+50S	
4287	15	6	124	12	504	.3	52	47	1489	17.35	30	7	3	GRID G	0+77E	1+50S	
4288	5	2	24	6	78	.1	23	9	1018	3.69	6	2	3	GRID G	0+77E	1+50S	
4289	7	9	183	35	1037	1.6	65	82	1695	23.39	17	17	12	GRID G	0+77E	1+50S	
4290	7	3	60	4	111	.5	33	20	1213	9.90	9	2	3	GRID G	0+77E	1+50S	
4291	6	5	67	2	68	.3	37	27	606	12.44	43	2	3	GRID G	0+77E	1+50S	
4291	7													GRID G	0+77E	1+50S	
4292	5	5	53	2	51	.1	29	15	252	7.17	2	2	3	GRID G	0+77E	1+50S	
4293	9	7	137	13	304	1.0	63	62	281	18.84	62	6	3	GRID G	0+50E	1+50S	
4294	10	4	75	2	4295	.4	56	49	1487	14.55	66	6	3	GRID G	0+50E	1+50S	
4295	7	7	112	7	911	.2	59	52	526	16.44	152	5	3	GRID G	0+50E	1+50S	
4296	13	5	397	30	1757	2.3	81	66	175	8.53	27	10	6	GRID EXT.	88+75E	0+25N	
4297	14	7	378	29	1922	2.9	2	94	184	13.29	132	12	4	GRID EXT.	88+75E	0+25N	
4298	15	8	633	28	3127	3.1	102	91	149	13.42	63	10	6	GRID EXT.	88+75E	0+25N	
4301	5													GRID G			SURFACE CHIPS
4302	6	3	18	12	65	.3	56	16	188	3.38	17	7	3	GRID G			SURFACE CHIPS
4303	5	3	24	10	37	.1	32	9	172	2.72	5	4	3	GRID G			SURFACE CHIPS
4304	5	2	30	5	29	.1	14	2	118	3.69	2	2	3	GRID G			SURFACE CHIPS
4305	5	2	53	8	42	.1	36	15	124	2.11	2	4	3	GRID F	12+25E	0+40S	SURFACE CHIPS
4305	5													GRID F	12+25E	0+40S	SURFACE CHIPS
4306	5	213	10	16	4	.1	14	6	55	1.32	4	3	12	GRID F	14+00E	1+50S	SURFACE CHIPS
4307	5	6	20	8	66	.1	32	12	276	2.76	2	5	3	GRID F	14+20E	1+50S	SURFACE CHIPS
4308	5	2	21	3	83	.1	29	14	365	3.34	4	4	3	GRID F	14+25E	1+30S	SURFACE CHIPS
4309	5	3	32	15	86	.1	34	15	494	3.68	4	4	3	GRID F	14+12E	0+75S	SURFACE CHIPS
4310	7	3	95	17	28	.8	49	16	121	1.59	48	3	3	GRID F	14+10E	0+25S	SURFACE CHIPS
4311	5	5	159	8	68	1.3	64	46	110	9.97	17	6	3	GRID F	14+10E		SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4312	5	11	54	15	63	.1	12	6	349	2.49	2	2	4	GRID E	13+50E	1+62N	SURFACE CHIPS
4313	5	3	82	2	103	.5	60	13	920	6.73	8	5	3	GRID E	12+87E	2+12N	SURFACE CHIPS
4314	5	2	37	4	70	.1	33	14	324	3.45	6	6	3	GRID E	11+12E	2+62N	SURFACE CHIPS
4315	5	3	39	5	85	.2	16	9	642	7.70	14	2	3	GRID E	10+00E	00BL	SURFACE CHIPS
4316	5	2	33	13	215	.7	16	7	280	2.21	23	4	3	GRID D	12+62E	1+75S	SURFACE CHIPS
4317	5	5	47	13	300	.6	43	19	415	2.89	9	3	3	GRID D	12+76E	1+37S	SURFACE CHIPS
4318	24	3	11	6	60	.1	15	7	151	1.48	5	3	3	GRID D	12+75E	1+50S	SURFACE CHIPS
4319	5	2	35	13	50	1.0	21	12	320	2.83	13	4	3	GRID D	13+12E	1+40S	SURFACE CHIPS
4320	5	3	34	15	208	1.1	19	9	211	1.83	32	3	3	GRID D	13+00E	0+25S	SURFACE CHIPS
4321	5	3	65	6	63	.4	112	32	201	4.22	226	6	3	GRID D	13+20E	1+87N	SURFACE CHIPS
4322	5	2	17	7	34	.1	9	2	116	2.14	6	2	3	GRID D	10+80E	0+12N	SURFACE CHIPS
4323	5	2	7	10	14	.3	7	3	79	.65	2	2	7	GRID D	10+65E	0+12S	SURFACE CHIPS
4324	6	2	18	9	35	.1	7	2	106	2.02	2	2	3	GRID D	10+65E	0+75S	SURFACE CHIPS
4325	6	2	67	20	109	.9	70	18	611	2.99	39	12	3	GRID D	11+00E	0+12S	SURFACE CHIPS
4326	8	3	33	18	63	.8	17	9	250	2.71	34	8	3	GRID D	11+00E	0+75S	SURFACE CHIPS
4327	9	4	32	2	45	.6	31	11	296	6.68	4	2	3	GRID D	11+00E	1+37S	SURFACE CHIPS
4328	9	2	29	5	44	.1	20	6	178	1.92	2	2	3	GRID D	11+00E	1+60S	SURFACE CHIPS
4328	10													GRID D	11+00E	1+60S	SURFACE CHIPS
4329	14	4	40	14	67	.3	34	17	335	3.36	7	5	3	GRID E	4+00E	6+65N	SURFACE CHIPS
4330	5	16	35	18	60	.4	18	9	324	2.34	2	4	6	GRID E	4+00E	4+75N	SURFACE CHIPS
4331	6	4	28	17	86	.8	53	22	518	3.96	14	5	3	GRID E	3+00E	6+50N	SURFACE CHIPS
4332	5	4	29	14	29	.4	34	15	512	3.07	11	4	3	GRID E	3+00E	7+87N	SURFACE CHIPS
4333	5	6	24	10	27	.3	15	7	425	3.21	15	4	4	GRID E	3+00E	7+87N	SURFACE CHIPS
4334	6	4	56	11	129	1.0	38	31	297	4.16	10	8	2	GRID D	17+00E	'1+50N	SURFACE CHIPS
4335	8	4	40	12	55	.9	20	13	273	2.12	7	5	15	GRID D	19+00E	'2+12N	SURFACE CHIPS
4335	8													GRID D	19+00E	'2+12N	SURFACE CHIPS
4336	7	3	61	19	149	1.3	63	23	509	3.24	28	5	21	GRID D	19+00E	3+20N	SURFACE CHIPS
4337	8	2	33	3	117	.1	32	8	662	4.55	227	9	2	GRID D	19+12E	3+37N	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4338	14	3	50	1	84	.1	30	13	481	3.81	128	8	2	GRID D	20+00E	2+60N	SURFACE CHIPS
4339	8	4	45	2	147	.1	54	26	839	5.41	16	10	2	GRID D	19+87E	1+10N	SURFACE CHIPS
4340	8	18	24	15	26	.5	27	17	178	5.10	12	4	2	GRID D	10+20E	0+20N	SURFACE CHIPS
4341	7	5	32	8	30	1.2	37	30	89	10.51	6	5	2	GRID D	10+20E	0+20N	SURFACE CHIPS
4342	6	6	12	6	47	.1	17	8	54	1.66	5	2	6	GRID D	10+00E	0+25S	SURFACE CHIPS
4343	7	3	33	21	121	1.1	25	15	244	2.48	37	5	3	GRID D	14+05E	'1+29S	SURFACE CHIPS
4344	7	3	29	29	125	.1	19	12	283	2.45	2	2	15	GRID D	14+00E	'1+00S	SURFACE CHIPS
4345	9	2	21	26	112	.4	14	12	265	2.94	7	2	3	GRID D	14+00E	1+30N	SURFACE CHIPS
4345	8													GRID D	14+00E	'1+50N	SURFACE CHIPS
4346	7	4	25	17	61	.5	16	8	171	2.80	12	2	3	GRID D	15+15E	'1+50N	SURFACE CHIPS
4347	7	5	74	16	220	1.5	38	27	242	7.49	55	9	3	GRID D	15+62E	2+00N	SURFACE CHIPS
4348	7	6	36	2	45	.7	17	4	29	5.95	6	2	3	GRID D	16+00E	2+20N	SURFACE CHIPS
4349	18	7	24	2	36	1.5	7	32	7	51.00	2	3		GRID D	16+00E	2+20N	SURFACE CHIPS
4350	7	5	55	2	77	.5	19	8	97	6.17	49	2	3	GRID D	16+00E	2+20N	SURFACE CHIPS
4350	9													GRID D	16+00E	2+20N	SURFACE CHIPS
4351	7	2	16	4	168	.1	21	11	116	1.76	8	4	3	GRID D	10+20E	00BL	SURFACE CHIPS
4352	8	3	24	1	43	.1	30	16	276	3.42	13	4	2	GRID E	8+00E	1+00N	SURFACE CHIPS
4352	8													GRID E	8+00E	1+00N	SURFACE CHIPS
4353	8	3	16	2	6	.1	21	11	46	.85	11	2	2	GRID E	8+00E	1+12S	SURFACE CHIPS
4354	9	4	35	6	104	.1	18	11	422	3.22	7	4	2	GRID E	8+00E	2+00S	SURFACE CHIPS
4355	7	4	19	1	20	.1	41	23	487	2.04	7	8	2	GRID E	8+50E	'3+00S	SURFACE CHIPS
4355	9													GRID E	8+50E	'3+00S	SURFACE CHIPS
4356	5	2	10	4	39	.1	9	5	434	1.89	114	2	2	GRID F	10+50E	0+87S	SURFACE CHIPS
4357	5	6	22	14	31	.1	16	8	332	3.24	17	2	2	GRID F	11+00E	1+37S	SURFACE CHIPS
4358	5	1	6	3	24	.1	6	3	116	.97	2	2	2	GRID F	10+00E	0+67S	SURFACE CHIPS
4359	5	1	27	1	72	.1	18	11	312	2.52	6	2	2	GRID F	9+00E	1+90S	SURFACE CHIPS
4359	5													GRID F	9+00E	1+90S	SURFACE CHIPS
4360	5	1	24	6	48	.1	18	15	178	2.29	3	2	2	GRID F	8+00E	1+70S	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4361	5	1	117	1	35	.3	13	12	186	2.20	5	2	2	GRID F	8+00E	1+68S	SURFACE CHIPS
4362	5	40	24	1	45	.1	7	2	182	4.14	9	2	2	GRID F	8+00E	0+04S	SURFACE CHIPS
4363	5	13	26	7	48	.1	16	6	290	5.92	7	2	2	GRID F	7+00E	0+10N	SURFACE CHIPS
4364	6	3	17	12	64	.2	10	5	227	2.98	11	2	7	GRID F	4+60E	0+12S	SURFACE CHIPS
4365	5	2	32	12	44	.3	12	5	350	3.60	7	7	2	GRID F	3+00E	5+60S	SURFACE CHIPS
4366	18	3	64	123	117	.6	14	7	438	3.17	9	2	19	GRID F	3+00E	5+45S	SURFACE CHIPS
4367	6	3	70	17	26	.2	40	18	175	1.64	13	4	6	GRID F	1+37E	3+50S	SURFACE CHIPS
4368	5	3	22	11	70	.1	17	8	150	2.18	8	3	2	GRID F	1+00E	0+60S	SURFACE CHIPS
4368	5													GRID F	1+00E	0+60S	SURFACE CHIPS
4369	5	101	263	25	492	1.0	50	30	346	4.65	12	6	4	GRID F	0+00E	3+30S	SURFACE CHIPS
4370	5	10	240	27	444	.9	81	49	522	5.76	10	2	2	GRID F	0+00E	3+30S	SURFACE CHIPS
4371	5	2	37	4	91	.1	64	21	157	3.56	9	2	2	GRID F	0+00E	0+35N	SURFACE CHIPS
4372	5	3	58	12	98	.1	18	5	145	6.09	10	4	2	GRID F N.	5+00E	5+75N	SURFACE CHIPS
4373	5	2	10	12	57	.1	9	4	159	1.54	4	4		GRID E	17+00E	3+00N	SURFACE CHIPS
4373	5	2	10	12	57	.1	9	4	159	1.54	4	4		GRID E	17+00E	3+00N	SURFACE CHIPS
4374	5	11	60	20	83	.1	41	25	274	16.22	14	9	3	GRID EXT.	~81+00E	7+70N	SURFACE CHIPS
4375	5	3	21	34	24	.5	16	9	42	8.62	22	3	3	GRID EXT.	~81+25E	7+70N	SURFACE CHIPS
4376	8	9	23	48	44	.1	16	8	69	1.92	42	6	5	GRID B	23+80E	1+95N	SURFACE CHIPS
4377	5	3	130	35	72	.1	23	21	165	2.71	66	6	3	GRID B	15+00E	2+00N	SURFACE CHIPS
4378	5	3	53	15	81	.1	16	12	224	2.95	31	4	3	GRID B	15+00E	2+00N	SURFACE CHIPS
4379	5	4	72	11	101	.3	37	22	223	5.57	2	6	3	GRID B	15+00E	2+00N	SURFACE CHIPS
4380	5	8	237	42	64	1.5	139	215	102	21.53	21	3		GRID E	2+00E	8+50N	SURFACE CHIPS
4380	5	8	237	42	64	1.5	139	215	102	21.53	21	3		GRID E	2+00E	8+50N	SURFACE CHIPS
4381	5	2	258	11	21	.3	36	35	200	5.51	4	3		GRID E	2+00E	8+50N	SURFACE CHIPS
4381	5	2	258	11	21	.3	36	35	200	5.51	4	3		GRID E	2+00E	8+50N	SURFACE CHIPS
4382	5	2	22	5	9	.1	16	7	114	1.86	7	5		GRID E	2+00E	8+25N	SURFACE CHIPS
4382	5	2	22	5	9	.1	16	7	114	1.86	7	5		GRID E	2+00E	8+25N	SURFACE CHIPS
4383	5	5	34	13	38	.1	23	11	532	4.77	6	2		GRID E	2+00E	7+90N	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4383	5	5	34	13	38	.1	23	11	532	4.77	6	2		GRID E	2+00E	7+90N	SURFACE CHIPS
4384	5	2	33	11	29	.1	9	5	80	3.17	3	4		GRID E	2+00E	2+87N	SURFACE CHIPS
4384	5	2	33	11	29	.1	9	5	80	3.17	3	4		GRID E	2+00E	2+87N	SURFACE CHIPS
4385	5	1	30	12	14	.1	10	3	43	2.39	8	3		GRID E	2+50E	2+75N	SURFACE CHIPS
4385	5	1	30	12	14	.1	10	3	43	2.39	8	3		GRID E	2+50E	2+75N	SURFACE CHIPS
4386	5	3	45	12	144	.2	55	3	162	6.02	10	5		GRID E	2+00E	1+10N	SURFACE CHIPS
4386	5	3	45	12	144	.2	55	3	162	6.02	10	5		GRID E	2+00E	1+10N	SURFACE CHIPS
4387	5	1	9	8	21	.1	6	3	65	.88	7	3	7	GRID E	2+00E	~2+75N	SURFACE CHIPS
4388	5	4	58	12	96	.1	52	25	407	3.78	11	10	3	GRID E	1+75E	~2+87N	SURFACE CHIPS
4389	5	1	14	6	25	.1	9	9	190	1.23	7	6	11	GRID E	0+00E	3+75N	SURFACE CHIPS
4390	5	5	87	13	15	.1	19	12	257	2.84	5	4	9	GRID E	1+87E	8+37N	SURFACE CHIPS
4390	5													GRID E	1+87E	8+37N	SURFACE CHIPS
4391	5	8	106	7	28	.1	26	18	793	5.20	3	5	3	GRID E	2+00E		SURFACE CHIPS
4392	5	7	430	33	76	1.1	109	193	354	26.77	8	6	3	GRID E	PIT X		SURFACE CHIPS
4393	5	4	59	7	148	.2	44	39	273	3.86	19	2	4	GRID A	PIT X		SURFACE CHIPS
4394	5	6	556	3	1796	2.4	74	101	127	16.37	38	4	2	GRID A	PIT X		SURFACE CHIPS
4395	5	7	197	14	48	1.9	93	119	105	19.96	42	5	2	GRID A	PIT X		SURFACE CHIPS
4396	6	6	1143	9	102	3.5	59	249	49	14.78	30	8	2	GRID A	PIT X		SURFACE CHIPS
4397	5	7	98	17	131	.8	60	37	206	4.71	16	9	16	GRID A	PIT X		SURFACE CHIPS
4398	5	5	250	13	485	2.5	52	56	177	8.90	18	6	9	GRID A	PIT X		SURFACE CHIPS
4399	5	5	49	6	132	.9	40	34	168	5.12	34	8	10	GRID A	PIT X		SURFACE CHIPS
4400	8	8	257	13	51	2.1	52	44	35	6.75	14	2	12	GRID A	PIT X		SURFACE CHIPS
4401	5	3	59	59	117	.5	39	20	444	7.90	17	2		GRID EXT.	93+00E	11+00N	
4402	10	5	128	27	843	1.5	56	33	941	12.90	31	2		GRID EXT.	93+00E	11+00N	
4402	5													GRID EXT.	93+00E	11+00N	
4403	5	6	122	25	149	.8	58	35	517	12.27	19	5		GRID EXT.	93+00E	11+00N	
4404	5	6	103	24	82	.6	56	36	176	13.09	9	2		GRID EXT.	93+00E	11+00N	
4405	5	7	140	33	165	1.7	81	56	558	16.48	31	6		GRID EXT.	93+00E	11+00N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4406	5	5	160	23	614	1.1	54	31	1202	11.72	25	6		GRID EXT.	93+00E	11+00N	
4407	5	9	236	70	339	4.1	111	104	168	25.78	150	6		GRID EXT.	93+00E	11+00N	
4408	5	4	71	17	183	.6	45	20	626	8.08	12	7		GRID EXT.	93+00E	11+00N	
4409	5	7	201	43	100	2.3	98	75	250	19.46	115	2		GRID EXT.	93+00E	11+00N	
4410	5	5	154	23	149	1.2	68	44	715	12.88	26	4		GRID EXT.	93+00E	11+00N	
4411	5	5	41	10	1171	.4	51	26	1023	5.50	7	3		GRID EXT.	93+00E	11+00N	
4411	5													GRID EXT.	93+00E	11+00N	
4412	5	17	70	13	55	.3	41	27	181	6.20	24	5	3	GRID EXT.	91+00E	10+50N	
4413	7	3	234	23	146	1.9	78	56	229	13.60	43	4	3	GRID EXT.	91+00E	10+50N	
4414	5	3	167	16	116	1.3	62	42	168	11.45	27	4	3	GRID EXT.	91+00E	10+50N	
4415	6	3	200	14	137	1.6	67	49	241	12.82	31	3	3	GRID EXT.	91+00E	10+50N	
4416	11	4	278	15	169	1.9	96	68	216	15.87	23	3	3	GRID EXT.	91+00E	10+50N	
4417	17	6	810	79	5765	2.5	112	103	638	13.24	47	10	3	GRID B	8+50E	1+50N	
4418	14	8	672	66	5229	1.6	140	125	363	13.87	24	5	3	GRID B	8+50E	1+50N	
4418	15													GRID B	8+50E	1+50N	
4419	31	6	288	28	3823	.9	100	94	463	11.01	10	6	3	GRID B	8+50E	1+50N	
4420	21	6	1042	80	4081	1.5	104	98	455	11.89	51	7	3	GRID B	8+50E	1+50N	
4421	12	7	929	50	3684	1.4	114	106	484	12.70	18	8	3	GRID B	8+50E	1+50N	
4422	18	9	627	25	5572	1.1	118	106	683	12.04	16	10	3	GRID B	8+50E	1+50N	
4423	19	8	374	29	6429	1.4	126	116	340	14.09	114	11	3	GRID B	8+50E	1+50N	
4424	7	4	64	11	673	.1	60	34	317	4.45	11	2	3	GRID EXT.	91+00E	7+42N	
4425	5	3	41	12	404	.1	39	21	274	2.68	2	3	5	GRID EXT.	91+00E	7+42N	
4426	8	7	359	23	4404	1.1	83	68	526	5.38	8	7	3	GRID EXT. N.	91+00E	7+42N	
4427	5	4	249	17	508	.3	103	65	301	10.46	20	2	3	GRID EXT.	81+50E	2+20N	
4427	5													GRID EXT.	81+50E	2+20N	
4428	12	4	242	16	553	.2	90	65	489	9.68	107	2	3	GRID EXT.	81+50E	2+20N	
4429	10	4	368	13	318	1.1	110	75	468	13.17	19	5	3	GRID EXT.	81+50E	2+20N	
4430	11	7	887	20	591	1.7	125	85	539	12.99	44	9	3	GRID EXT.	81+50E	2+20N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4431	11	10	423	28	967	1.8	153	105	580	16.86	24	11	3	GRID EXT.	81+50E	2+20N	
4432	6	6	408	18	1446	1.2	116	77	638	13.32	8	8	3	GRID EXT.	81+50E	2+20N	
4433	5	8	481	15	2268	1.3	126	86	449	13.38	67	10	3	GRID EXT.	81+50E	2+20N	
4434	5	7	255	16	2402	1.2	115	83	241	13.13	82	6	3	GRID EXT.	81+50E	2+20N	
4434	5													GRID EXT.	81+50E	2+20N	
4435	15	8	229	25	4501	1.0	98	71	302	9.04	233	16	3	GRID EXT.	81+50E	2+20N	
4436	15	6	368	16	5048	.9	98	68	715	11.64	95	7	7	GRID EXT.	81+50E	2+20N	
4437	16	9	454	23	3718	1.8	167	118	299	18.21	82	11	8	GRID EXT.	81+50E	2+20N	
4438	18	8	1550	20	3573	1.5	251	175	19	28.00	5	3	3	GRID EXT.	81+50E	2+20N	
4439	14	33	569	11	1070	.7	132	87	739	14.74	34	4	3	GRID EXT.	81+50E	2+20N	
4440	14	6	438	7	1331	.3	112	76	324	11.79	22	7	3	GRID EXT.	80+85E	2+35N	
4441	15	7	444	21	1529	1.4	130	89	445	13.86	19	7	4	GRID EXT.	80+85E	2+35N	
4442	19	9	292	42	1086	2.3	164	120	492	16.61	97	8	3	GRID EXT.	80+85E	2+35N	
4443	14	7	430	10	871	.8	90	59	487	7.79	29	7	8	GRID EXT.	80+85E	2+35N	
4444	17	9	665	16	4729	.6	127	89	270	14.28	50	11	3	GRID EXT.	80+85E	2+35N	
4444	16													GRID EXT.	80+85E	2+35N	
4445	17	9	460	12	2752	.8	144	94	240	11.65	4	4	3	GRID EXT.	80+85E	2+35N	
4446	17	9	510	22	4595	1.5	167	121	419	15.90	49	2	3	GRID EXT.	80+85E	2+35N	
4447	18	7	705	70	1533	4.4	159	120	472	18.36	39	2	3	GRID EXT.	80+85E	2+35N	
4448	17	9	538	18	3677	1.5	125	89	282	12.81	10	9	3	GRID EXT.	80+85E	2+35N	
4449	18	11	384	18	3215	1.3	118	79	314	12.53	5	6	4	GRID EXT.	80+85E	2+35N	
4450	33	10	459	20	3441	2.2	156	109	256	15.54	12	5	3	GRID EXT.	80+85E	2+35N	
4451	15	6	417	13	2511	1.2	95	80	309	12.10	4	3	11	GRID EXT.	85+00E	1+70N	
4452	14	7	319	14	4088	.9	102	85	290	12.78	11	2	3	GRID EXT.	85+00E	1+70N	
4453	15	7	429	12	2659	1.3	118	96	247	14.49	9	7	3	GRID EXT.	85+00E	1+70N	
4453	18													GRID EXT.	85+00E	1+70N	
4454	14	9	610	22	4432	1.7	147	126	394	18.40	11	7	3	GRID EXT.	85+00E	1+70N	
4455	15	8	610	29	4172	2.3	123	102	435	15.88	49	10	7	GRID EXT.	85+00E	1+70N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4456	18	11	732	29	4676	2.6	149	130	536	19.26	23	15	8	GRID EXT.	85+00E	1+70N	
4457	13	11	521	24	4561	2.5	149	131	388	18.75	24	15	5	GRID EXT.	85+00E	1+70N	
4458	14	11	676	29	4887	2.5	156	138	411	19.56	48	15	5	GRID EXT.	85+00E	1+70N	
4459	15	12	808	30	4382	3.0	156	139	556	19.88	59	14	8	GRID EXT.	85+00E	1+70N	
4460	13	9	584	24	2461	2.2	116	94	287	15.14	22	8	3	GRID EXT.	85+00E	1+70N	
4461	14	12	1607	29	5322	3.1	143	123	406	18.84	23	12	3	GRID EXT.	85+00E	1+70N	
4462	13	12	962	33	7165	2.2	137	113	533	16.72	42	20	3	GRID EXT.	85+00E	1+70N	
4462	10													GRID EXT.	85+00E	1+70N	
4463	13	4	49	9	218	.9	23	21	473	9.65	6	5	3	GRID EXT.	85+00E	6+00N	
4464	11	4	37	13	110	1.1	20	21	229	10.30	12	6	3	GRID EXT.	85+00E	6+00N	
4465	12	3	51	14	146	1.6	22	23	237	12.85	6	2	3	GRID EXT.	85+00E	6+00N	
4466	11	5	79	19	222	2.4	28	46	221	18.52	9	5	3	GRID EXT.	85+00E	6+00N	
4467	9	3	60	10	171	2.1	23	33	212	15.43	5	2	3	GRID EXT.	85+00E	6+00N	
4468	13	3	50	8	150	1.3	20	25	226	13.46	2	2	3	GRID EXT.	85+00E	6+00N	
4469	10	2	40	11	245	1.2	17	20	384	11.49	7	4	3	GRID EXT.	85+00E	6+00N	
4469	8													GRID EXT.	85+00E	6+00N	
4470	5	14	256	22	6189	5.9	111	78	354	12.69	82	13	2	GRID EXT.	84+00E	2+20N	
4471	5	13	817	39	2810	9.7	173	155	400	22.49	103	15	2	GRID EXT.	84+00E	2+20N	
4471	5													GRID EXT.	84+00E	2+20N	
4472	5	11	379	14	1294	2.9	112	75	362	10.90	34	24	2	GRID EXT.	84+00E	2+20N	
4473	5	13	762	38	3343	7.5	181	171	464	24.35	130	30	4	GRID EXT.	84+00E	2+20N	
4474	5	14	231	15	6576	1.2	77	53	247	8.40	29	17	2	GRID EXT.	84+00E	2+20N	
4475	7	9	160	2	67	.7	149	71	971	13.55	2004	17	2	GRID EXT. S.	84+00E		
4476	8	8	99	1	17	.3	143	64	813	14.84	1345	13	2	GRID EXT. S.	84+00E		
4477	5	7	126	4	4	.2	106	47	587	10.56	749	10	2	GRID EXT. S.	84+00E		
4478	5	5	85	1	30	.1	103	38	423	10.03	117	10	2	GRID EXT. S.	84+00E		
4479	10	5	152	1	17	.9	110	47	267	14.18	269	3	2	GRID EXT. S.	84+00E		
4480	5	5	113	4	34	.8	101	43	280	12.62	374	3	2	GRID EXT. S.	84+00E		

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4480	12													GRID EXT. S.	84+00E		
4481	5	6	74	7	60	1.1	94	40	319	9.10	260	14	2	GRID EXT. S.	94+00E		
4482	5	6	41	4	30	.1	73	40	197	4.41	441	2	2	GRID EXT. S.	84+00E		
4483	5	5	94	4	65	.6	103	57	795	11.03	1707	7	2	GRID EXT. S.	84+00E		
4484	13	7	169	10	58	2.8	169	104	19	18.68	3245	7	2	GRID EXT. S.	84+00E		
4485	5	10	57	3	42	.1	110	40	196	5.02	80	3	2	GRID EXT. S.	84+00E		
4486	5	10	342	14	4469	2.9	112	84	263	14.61	45	7	2	GRID EXT.	84+00E	2+20N	
4487	5	8	211	9	746	.1	101	43	771	8.76	53	3	3	GRID C	30+75E	3+75N	
4488	9	6	245	6	1369	.5	106	51	1068	12.48	24	3	3	GRID C	30+75E	3+75N	
4489	5	6	267	9	723	.4	97	42	1023	11.08	19	2	3	GRID C	30+75E	3+75N	
4490	20	8	224	7	764	.3	118	48	1311	11.63	22	2	3	GRID C	30+75E	3+75N	
4491	12	8	284	7	2091	.5	119	55	1220	11.14	40	4	3	GRID C	30+75E	3+75N	
4492	20	10	250	18	1758	1.3	189	118	1350	19.01	61	7	3	GRID C	30+75E	3+75N	
4493	122	7	401	9	4950	.8	154	90	809	15.10	22	6	3	GRID C	30+75E	3+75N	
4494	16	9	398	6	4658	.6	116	55	908	11.83	19	8	3	GRID C	30+75E	3+75N	
4495	16	6	707	10	163	1.8	113	94	191	24.75	26	7	3	GRID C	28+30E	3+75N	
4496	20	6	652	18	132	2.2	129	119	238	28.03	54	7	3	GRID C	28+30E	3+75N	
4496	12	6	652	18	132	2.2	129	119	238	28.03	54	7	3	GRID C	28+30E	3+75N	
4497	9	4	500	26	129	2.5	123	124	142	30.14	63	9	3	GRID C	28+30E	3+75N	
4498	12	6	964	21	372	1.6	118	106	167	26.79	17	6	3	GRID C	28+30E	3+75N	
4499	12	5	858	12	94	1.9	175	149	460	26.92	14	3	3	GRID C	28+30E	3+75N	
4500	20	6	1235	31	108	3.2	130	132	176	30.97	23	8	3	GRID C	28+30E	3+75N	
4501	5	8	348	7	80	.8	61	67	44	10.90	22	4	2	GRID EXT.	64+00E	2+20N	
4502	21	6	54	10	154	.2	32	21	317	3.14	129	3	3	GRID A	PIT X		SURFACE CHIPS
4503	5	7	1	6	1	.1	16	7	40	2.66	11	2	2	GRID G	5+00E	1+50N	SURFACE CHIPS
4503	5													GRID G	5+00E	1+50N	SURFACE CHIPS
4504	5	8	23	1	86	.2	30	18	131	4.12	13	2	2	GRID G	5+00E	1+50N	SURFACE CHIPS
4505	5	6	46	10	383	.6	74	32	350	4.43	10	11	2	GRID G	5+00E	1+60N	SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4506	11	6	129	6	145	1.5	50	46	136	19.26	167	13	2	GRID G	6+00E	0+75S	SURFACE CHIPS
4507	35	7	95	9	286	1.9	47	34	191	16.64	149	5	2	GRID G	6+00E	0+75S	SURFACE CHIPS
4508	5	3	21	12	46	.8	8	3	21	2.35	9	2	2	GRID G	6+00E	0+75S	SURFACE CHIPS
4509	5	4	26	4	119	.7	34	15	546	6.24	14	2	2	GRID G	6+00E	0+80N	SURFACE CHIPS
4510	5	7	65	11	116	.9	104	41	318	4.65	16	6	2	GRID G	6+00E	0+80N	SURFACE CHIPS
4511	5	4	26	2	23	.1	16	3	673	3.91	6	2	3	GRID E	10+00E	~1+50N	SURFACE CHIPS
4512	16	10	34	2	19	.1	19	2	351	5.59	142	2	3	GRID E	9+00E	~0+50S	SURFACE CHIPS
4513	12	4	9	2	2	.1	18	4	67	1.67	2	2	3	GRID G	7+25E	0+70N	SURFACE CHIPS
4514	9	4	14	2	7	.1	25	5	35	3.21	6	2	3	GRID G	6+80E	0+90N	SURFACE CHIPS
4515	16	7	48	2	70	.1	48	11	201	6.33	2	2	3	GRID G	6+75E	0+80N	SURFACE CHIPS
4515	16	7	48	2	70	.1	48	11	201	6.33	2	2	3	GRID G	6+75E	0+80N	SURFACE CHIPS
4516	12	6	44	2	20	.1	59	25	45	4.23	6	2	3	GRID G	8+12E	0+90N	SURFACE CHIPS
4517	16	4	13	4	70	.1	54	15	191	3.36	8	2	3	GRID G	8+00E	0+80N	SURFACE CHIPS
4518	5	4	9	7	14	.3	18	4	65	3.35	6	2	7	GRID G	8+35E	0+90N	SURFACE CHIPS
4519	5	4	15	2	7	.4	22	6	70	3.22	13	2	3	GRID G	9+00E	1+04N	SURFACE CHIPS
4520	5	4	42	2	81	.1	30	15	517	5.06	2	2	3	GRID G W.			SURFACE CHIPS
4521	5	1	2901	2	69	.6	177	110	265	10.97	14	2	3	GRID C S.			SURFACE CHIPS
4522	5	1	90	2	12	.1	17	4	268	5.21	26	2	3	GRID C S.			SURFACE CHIPS
4523	9	1	34	2	8	.2	9	1	54	4.09	83	2	7	GRID C S.			SURFACE CHIPS
4524	5	4	23	16	50	1.1	18	15	111	21.59	14	4	3	GRID C S.			SURFACE CHIPS
4524	5	4	23	16	50	1.1	18	15	111	21.59	14	4	3	GRID C S.			SURFACE CHIPS
4525	5	8	30	4	12	.2	15	5	72	2.21	5	2	12	GRID C S.			SURFACE CHIPS
4526	5	1	31	10	31	.1	13	3	783	8.12	114	2	3	GRID C S.			SURFACE CHIPS
4527	9	3	136	2	58	.5	53	33	488	3.86	423	3	6	GRID C S.			SURFACE CHIPS
4528	5	5	31	2	12	.1	39	10	157	3.64	22	2	10	GRID C S.			SURFACE CHIPS
4529	5	1	9	2	9	.1	6	1	84	4.54	11	2	6	GRID C S.			SURFACE CHIPS
4530	23	2	101	2	30	.4	14	4	175	9.49	92	2	3	GRID C S.			SURFACE CHIPS
4531	5	1	51	2	55	.1	38	34	1004	3.44	1165	2	3	GRID C S.			SURFACE CHIPS

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4532	5	1	97	2	12	.3	7	2	379	3.45	212	2	6	GRID C S.			SURFACE CHIPS
4533	5	5	68	2	10	.1	28	7	141	3.23	10	2	8	GRID C E.			SURFACE CHIPS
4533	5	5	68	2	10	.1	28	7	141	3.23	10	2	8	GRID E			SURFACE CHIPS
4534	11	7	136	3	55	.1	26	5	131	4.29	5	3	10	GRID C E.			SURFACE CHIPS
4535	6	4	25	12	75	.1	14	5	330	1.46	14	3	18	GRID C E.			SURFACE CHIPS
4536	36	5	22	7	30	.1	22	6	159	2.32	23	3	17	GRID C E.			SURFACE CHIPS
4537	11	1	63	2	14	.1	43	13	631	3.34	12	3	9	GRID C E.			SURFACE CHIPS
4538	5	5	54	12	33	.2	18	9	223	4.09	12	5	8	GRID C E.			SURFACE CHIPS
4539	5	6	36	4	11	.1	27	10	72	1.93	3	4	3	GRID C E.			SURFACE CHIPS
4540	5	2	22	2	60	.1	8	5	172	10.40	19	6	3	GRID C E.			SURFACE CHIPS
4541	5	5	66	7	30	.1	12	5	197	7.59	49	3	3	GRID C E.			SURFACE CHIPS
4542	5	4	240	7	136	1.1	64	42	506	5.67	62	3	17	GRID C E.			SURFACE CHIPS
4543	5	4	41	12	128	.1	20	13	492	3.63	17	3	10	GRID C E.			SURFACE CHIPS
4544	5	5	70	10	48	.1	21	13	246	6.20	8	3	3	GRID C E.			SURFACE CHIPS
4545	18	4	191	2	110	1.2	119	50	1163	6.48	20	5	3	GRID C E.			SURFACE CHIPS
4546	5	2	154	7	25	1.7	99	29	82	1.76	44	6	5	GRID C E.			SURFACE CHIPS
4547	7	3	575	3	51	.3	15	13	127	8.10	31	3	3	GRID C E.			SURFACE CHIPS
4547	5	3	575	3	51	.3	15	13	127	8.10	31	3	3	GRID C E.			SURFACE CHIPS
4548	5	3	41	2	17	.1	10	5	84	5.67	5	3	3	GRID C S.			SURFACE CHIPS
4568	6	2	19	2	12	.1	10	1	102	4.43	25	3	5	GRID C S.	UMFREVILLE	CORNER	SURFACE CHIPS
4569	6	2	19	2	26	.1	9	1	73	6.88	2	3	3	GRID C S.	UMFREVILLE	CORNER	SURFACE CHIPS
4570	16	3	220	2	16	.1	50	17	105	1.60	9	3	10	GRID C S.	UMFREVILLE	CORNER	SURFACE CHIPS
4571	6	2	46	2	8	.1	8	1	174	3.50	6	3	3	GRID C S.	UMFREVILLE	CORNER	SURFACE CHIPS
4572	11	5	60	2	5	.1	24	8	213	1.86	5	3	9	GRID C S.	UMFREVILLE	CORNER	SURFACE CHIPS
4573	5	2	315	2	223	.2	44	16	280	10.14	2	3	3	GRID C S.	UMFREVILLE	CORNER	SURFACE CHIPS
4573	6	2	315	2	223	.2	44	16	280	10.14	2	3	3	GRID C S.	UMFREVILLE	CORNER	SURFACE CHIPS
4574	6	2	101	2	74	.1	51	24	594	8.12	87	3	3	GRID C S.	UMFREVILLE	CORNER	SURFACE CHIPS
4601	5	4	159	17	146	.7	52	26	348	8.90	17	2	3	GRID C	28+23E	3+25N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4602	5	4	95	20	207	.8	42	19	362	6.20	21	2	8	GRID C	28+23E	3+25N	
4603	9	3	168	8	125	.1	59	29	338	9.42	14	2	3	GRID C	28+23E	3+25N	
4604	9	4	151	13	132	.4	56	28	406	9.66	15	2	3	GRID C	28+23E	3+25N	
4605	5	2	203	2	164	.1	61	30	383	9.60	2	2	3	GRID C	28+23E	3+25N	
4606	9	3	183	3	58	.3	157	62	840	20.25	183	3	3	GRID C	25+00E	3+25N	
4607	16	2	154	2	45	.1	114	56	866	14.88	95	2	3	GRID C	25+00E	3+25N	
4608	12	2	143	2	44	.1	124	42	819	13.28	276	2	3	GRID C	25+00E	3+25N	
4609	27	2	113	6	75	.2	74	28	1080	14.90	66	2	3	GRID C	22+68E	3+25N	
4609	20	2	113	6	75	.2	74	28	1080	14.90	66	2	3	GRID C	25+00E	3+25N	
4610	16	4	100	7	78	.4	91	40	1098	15.89	71	7	3	GRID C	22+68E	3+25N	
4611	12	2	58	2	42	.1	88	25	689	7.13	122	4	3	GRID C	22+68E	3+25N	
4612	9	1	62	2	27	1.0	76	24	733	6.70	79	3	3	GRID C	22+68E	3+25N	
4613	34	4	209	8	108	1.0	87	48	2212	19.61	33	3	3	GRID C	22+68E	3+25N	
4614	5	5	40	5	114	.1	33	12	275	2.08	179	3	18	GRID C	29+05E	3+50N	
4615	9	3	35	6	180	.1	30	12	235	1.79	359	2	14	GRID C	29+05E	3+50N	
4616	9	4	35	22	133	.1	29	10	191	1.84	563	2	16	GRID C	29+05E	3+50N	
4617	5	4	32	2	1506	.5	30	12	181	1.52	438	4	11	GRID C	29+05E	3+50N	
4618	9	2	36	10	522	.1	19	8	166	1.34	966	2	15	GRID C	29+05E	3+50N	
4618	12	2	36	10	522	.1	19	8	186	1.34	966	2	15	GRID C	29+05E	3+50N	
4619	9	3	14	5	57	.1	25	9	169	2.18	26	2	16	GRID C	25+00E	3+15N	
4620	16	4	18	7	74	.1	34	10	334	3.16	65	2	13	GRID C	25+00E	3+15N	
4621	9	6	44	14	78	.4	41	14	294	4.00	26	3	9	GRID C	25+00E	3+15N	
4622	5	4	41	4	586	.7	38	18	1592	8.18	14	2	3	GRID C	N.OFCONGL.		
4623	5	5	44	5	137	.4	49	18	1601	8.42	11	2	7	GRID C	N.OFCONGL.		
4624	5	5	37	3	516	.5	44	19	1439	7.61	48	2	11	GRID C	N.OFCONGL.		
4625	5	6	31	5	721	.4	43	17	651	7.26	50	2	5	GRID C	N.OFCONGL.		
4626	5	6	44	6	722	.9	52	24	574	9.36	22	2	4	GRID C	N.OFCONGL.		
4627	9	5	20	6	2155	.4	30	12	509	4.26	5	2	14	GRID C	N.OFCONGL.		

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4627	12	5	20	6	2155	.4	30	12	509	4.26	5	2	14	GRID C	N.OFCONGL.		
4628	5	6	22	2	2770	.8	39	17	482	5.19	11	2	12	GRID C	N.OFCONGL.		
4629	16	6	166	23	123	4.5	93	80	386	26.27	50	5	6	GRID C	N.OFCONGL.		
4630	12	11	37	2	1547	.4	50	24	686	6.99	6	2	11	GRID C	N.OFCONGL.		
4630	30	11	37	2	1547	.4	50	24	686	6.99	6	2	11	GRID C	N.OFCONGL.		
4631	11	2	68	2	37	.1	59	12	538	8.88	19	3	3	GRID C	31+00E	1+50N	
4632	11	4	51	2	40	.4	50	22	663	7.28	16	3	3	GRID C	31+00E	1+50N	
4633	6	3	37	2	26	.6	34	9	835	10.04	162	3	3	GRID C	31+00E	1+50N	
4634	11	3	32	2	20	.1	25	5	435	8.00	76	3	3	GRID C	31+00E	1+50N	
4635	31	6	465	51	3103	1.5	91	61	746	12.10	35	3	3	GRID C	10+00E	3+00N	
4636	16	6	704	39	3224	1.6	100	125	722	14.12	32	3	3	GRID C	10+00E	3+00N	
4637	16	5	436	25	3473	1.7	92	140	562	13.74	44	3	3	GRID C	10+00E	3+00N	
4638	26	7	583	34	6719	2.4	118	245	967	17.51	88	3	3	GRID C	10+00E	3+00N	
4638	21	7	583	34	6719	2.4	118	245	967	17.51	88	3	3	GRID C	10+00E	3+00N	
4639	6	9	541	42	4303	2.8	123	349	848	18.17	15	3	3	GRID C	10+00E	3+00N	
4640	21	8	862	36	2964	1.6	127	114	750	15.21	15	3	3	GRID C	9+80E	3+00N	
4641	16	7	621	32	4223	1.8	120	154	895	15.53	24	3	3	GRID C	9+80E	3+00N	
4642	31	7	597	42	5039	1.9	121	235	972	16.03	27	3	3	GRID C	9+80E	3+00N	
4643	21	6	416	29	6742	1.7	107	99	1038	14.90	23	3	3	GRID C	9+80E	3+00N	
4644	16	6	1747	35	3743	2.2	99	398	1218	15.32	86	3	3	GRID C	9+80E	3+00N	
4644	21	6	1747	35	3743	2.2	99	398	1218	15.32	86	3	3	GRID C	9+80E	3+00N	
4648	5	4	84	9	1308	.7	85	40	1080	6.68	67	6	3	GRID C	8+30E	2+30N	
4649	75	7	451	10	3517	.9	91	94	689	16.42	15	7	3	GRID C	8+30E	2+30N	
4650	90	7	998	6	2311	1.9	114	93	1184	21.86	58	16	3	GRID C	8+30E	2+30N	
4651	5	3	152	2	254	.1	34	22	570	6.75	33	3	3	GRID C	8+30E	2+30N	
4652	80	5	956	13	2525	1.8	95	83	1673	19.90	19	15	3	GRID C	8+30E	2+30N	
4653	90	4	219	2	490	.6	146	88	498	23.34	80	15	3	GRID C	8+30E	2+30N	
4654	69	6	555	78	1430	1.2	100	172	1137	16.47	42	9	6	GRID C	7+25E	2+75N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4655	5	7	1543	67	3729	2.1	119	271	676	20.05	22	17	3	GRID C	7+25E	2+75N	
4656	90	7	743	44	2238	2.0	119	181	1171	21.48	205	18	3	GRID C	7+25E	2+75N	
4657	69	7	448	23	8513	1.4	77	60	2467	14.25	102	26	3	GRID C	7+25E	2+75N	
4658	21	6	212	20	1832	.4	65	36	1473	8.22	19	2	5	GRID C	7+25E	2+75N	
4659	39	2	197	6	174	.1	116	72	691	22.35	73	21	3	GRID C	16+65E	0+75N	
4660	23	5	328	24	122	3.0	168	127	392	31.35	43	34	17	GRID C	16+65E	0+75N	
4661	23	3	233	11	134	.7	113	85	619	26.15	46	28	3	GRID C	16+65E	0+75N	
4662	5	2	180	7	141	.2	85	30	674	13.08	43	9	3	GRID C S.	PIT A		
4662	5	2	180	7	141	.2	85	30	674	13.08	43	9	3	GRID C S.	PIT A		
4663	5	3	280	9	208	.6	159	50	697	18.67	36	19	3	GRID C S.	PIT A		
4664	5	3	300	5	264	.8	98	72	974	14.57	46	8	3	GRID C S.	PIT A		
4665	5	3	374	7	615	.1	135	93	691	18.70	50	15	3	GRID C S.	PIT A		
4666	5	4	327	18	231	.9	112	88	766	16.66	58	21	3	GRID C S.	PIT A		
4667	7	4	538	22	375	1.7	155	282	730	23.35	155	28	3	GRID C S.	PIT A		
4668	7	4	375	6	1030	.1	111	47	965	16.16	24	10	3	GRID C S.	PIT A		
4669	5	2	131	5	185	.6	53	32	899	7.34	39	6	3	GRID C S.	PIT A		
4670	5	4	308	2	812	.1	96	84	710	14.73	62	7	3	GRID C S.	PIT A		
4671	5	4	553	16	116	1.5	208	151	317	27.19	43	27	3	GRID C S.	PIT B		
4671	5													GRID C S.	PIT B		
4672	5	2	365	2	156	.1	91	63	525	13.42	10	9	3	GRID C S.	PIT B		
4673	5	5	555	18	85	1.3	234	190	253	32.59	36	31	3	GRID C S.	PIT B		
4674	5	6	830	22	116	2.3	212	187	517	29.81	79	22	7	GRID C S.	PIT B		
4674	5													GRID C S.	PIT B		
4675	8	2	463	2	182	.1	99	70	318	13.71	94	2	5	GRID C S.	PIT C		
4676	8	4	294	5	430	.3	76	45	407	12.70	133	2	5	GRID C S.	PIT C		
4677	148	6	231	2	949	.1	94	78	833	12.09	120	2	5	GRID C	34+25E	~4+00N	
4678	14	5	155	2	422	.1	63	40	521	8.40	72	2	5	GRID C	34+25E	~4+00N	
4679	8	6	161	2	1434	.1	68	36	722	9.35	91	2	5	GRID C	34+25E	~4+00N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4680	91	2	2771	2	139	2.9	125	121	167	18.21	20	2	5	GRID C S.	PIT E		
4681	871	4	475	6	3172	1.7	35	34	448	11.97	5	8	5	GRID C S.	PIT F		
4682	431	2	332	2	1930	1.9	38	37	549	10.88	10	6	5	GRID C S.	PIT F		
4683	541	3	359	2	3185	1.5	33	36	389	12.14	141	9	7	GRID C S.	PIT F		
4683	617													GRID C S.	PIT F		
4684	427	2	447	10	4625	2.1	74	145	143	13.75	2603	9	5	GRID C S.	PIT F		
4685	380	2	984	9	342	2.0	109	401	432	17.88	9411	6	5	GRID C S.	PIT F		
4686	192	2	1944	8	1038	2.0	83	83	132	14.66	231	5	5	GRID C S.	PIT F		
4687	199	2	666	3	3946	2.4	69	98	454	14.63	1194	11	5	GRID C S.	PIT F		
4688	210	3	2243	6	149	5.4	100	94	279	14.73	32	14	23	GRID C S.	PIT E		
4688	205													GRID C S.	PIT E		
4689	33	4	175	17	167	1.2	74	98	1156	21.00	8	9	5	GRID C S.	PIT H		
4690	33	4	241	13	165	.6	70	119	1425	20.75	4	7	5	GRID C S.	PIT I		
4691	51	3	283	2	262	.1	55	2	1540	16.07	4	2	5	GRID C S.	PIT H		
4692	8	2	169	2	151	.1	61	6	634	18.37	9	2	5	GRID C S.	PIT H		
4693	8	3	184	2	181	.2	63	4	1031	17.63	2	2	5	GRID C S.	PIT H1		
4694	5	1	319	4	224	.2	56	40	530	18.98	18	2	5	GRID C S.	PIT H1		
4695	17	4	224	12	128	1.0	69	188	1178	23.52	8	2	5	GRID C S.	PIT H1		
4696	8	1	350	2	230	.1	51	40	2896	17.39	12	2	5	GRID C S.	PIT H1		
4697	8	1	145	2	137	.1	69	33	542	16.92	68	2	5	GRID C S.	PIT I		
4698	8	2	206	2	205	.1	66	22	545	17.51	19	2	5	GRID C S.	PIT I		
4698	8													GRID C S.	PIT I		
4699	5	3	303	9	254	.6	89	47	430	21.55	4	8	5	GRID C S.	PIT I		
4700	17	2	226	3	218	.5	75	21	554	17.63	4	4	5	GRID C S.	PIT I		
4851	8	2	197	2	372	.8	78	33	373	18.16	13	3	5	GRID C S.	PIT I		
4852	17	4	305	14	134	1.8	99	104	203	25.75	2	18	5	GRID C S.	PIT I		
4853	5	4	221	19	202	2.0	113	35	707	28.84	6	15	5	GRID C S.	PIT I		
4854	8	1	56	3	182	.2	24	118	487	15.75	7	2	5	GRID C S.	PIT J		

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4855	5	3	45	2	140	.1	22	35	598	11.92	12	2	5	GRID C S.	PIT J		
4856	17	5	59	40	93	2.2	27	282	883	25.09	14	13	5	GRID C S.	PIT J		
4857	17	4	74	13	114	1.4	31	222	604	21.78	23	11	5	GRID C S.	PIT J		
4857	5													GRID C S.	PIT J		
4858	8	5	462	7	8128	1.8	154	121	461	21.31	2	20	5	GRID C S.	PIT K		
4859	5	3	659	4	268	.6	189	106	232	11.10	31	12	5	GRID C S.	PIT L		
4860	5	2	2976	8	486	1.6	95	79	284	17.71	2	5	5	GRID C S.	PIT G		
4861	17	3	1606	6	258	2.6	141	141	296	24.29	2	15	5	GRID C S.	PIT G		
4862	17	3	2664	7	604	3.0	91	77	288	18.37	2	14	5	GRID C S.	PIT G		
4863	5	3	3681	4	321	1.0	58	46	575	15.15	4	5	5	GRID C S.	PIT G		
4864	17	3	4058	2	402	1.6	84	70	379	18.04	2	5	5	GRID C S.	PIT G		
4865	385	4	1438	11	1698	3.2	108	308	833	18.30	7292	16	9	GRID C S.	PIT F		
4866	308	4	1533	4	652	1.1	112	203	437	19.29	3275	2	5	GRID C S.	PIT F		
4867	319	3	963	10	488	.7	116	402	606	20.30	8741	2	5	GRID C S.	PIT F		
4868	781	4	648	16	506	1.3	147	466	575	23.26	9526	2	6	GRID C S.	PIT F		
4869	253	3	982	10	253	1.3	124	475	612	21.57	10613	2	5	GRID C S.	PIT F		
4870	122	5	2158	13	842	2.3	125	236	825	23.10	3501	12	5	GRID C S.	PIT F		
4871	26	4	1927	2	193	2.9	119	104	105	18.86	8	9	8	GRID C S.	PIT G1		
4871	26													GRID C S.	PIT G1		
4872	17	3	1032	7	166	2.6	139	138	74	22.18	5	8	5	GRID C S.	PIT G1		
4873	33	3	1551	2	120	2.2	105	90	68	17.32	2	6	5	GRID C S.	PIT G1		
4874	33	1	812	2	75	1.4	95	79	74	15.44	2	2	5	GRID C S.	PIT G1		
4875	33	2	1471	2	135	1.2	86	73	73	13.78	2	2	5	GRID C S.	PIT G1		
4876	17	2	1277	8	165	2.5	132	128	71	21.76	2	14	5	GRID C S.	PIT G1		
4877	33	2	1189	5	73	2.3	122	114	70	20.01	2	9	5	GRID C S.	PIT G1		
4878	51	4	2766	11	152	4.3	174	182	44	27.38	2	18	5	GRID C S.	PIT G1		
4879	5	2	2069	5	140	1.5	63	55	109	11.25	5	7	10	GRID C S.	PIT G1		
4880	33	1	3793	2	220	2.2	124	117	78	20.65	2	4	5	GRID C S.	PIT G1		

SAMPLE	Au	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4880	33													GRID C S.	PIT G1		
4881	17	7	547	17	6263	1.4	130	107	251	18.08	49	12	5	GRID B	24+80E	1+75N	
4881	17													GRID B	24+80E	1+75N	
4882	5	10	327	24	2450	.4	115	103	298	14.12	110	2	5	GRID B	24+80E	1+75N	
4883	5	12	190	58	1584	.3	79	66	447	9.41	47	8	5	GRID B	24+80E	1+75N	
4884	10	9	730	33	2755	.8	126	110	385	14.35	132	2	5	GRID B	24+80E	1+75N	
4885	5	8	337	28	4122	.6	88	81	282	10.05	34	2	9	GRID B	24+80E	1+75N	
4886	10	9	1182	25	3526	1.6	86	76	379	11.45	90	2	8	GRID B	24+80E	1+75N	
4886	10													GRID B	24+80E	1+75N	
4887	5	8	302	18	2050	.1	101	87	138	12.43	54	3	5	GRID B	24+80E	1+75N	
4888	16	15	1235	53	19408	1.8	133	107	418	13.81	27	30	5	GRID B	24+80E	1+75N	
4889	5	8	485	13	3524	.1	96	82	448	12.87	41	11	5	GRID B	24+10E	1+75N	
4890	5	8	413	18	4078	2.1	175	174	436	19.57	33	16	12	GRID B	24+10E	1+75N	
4891	5	5	489	3	5894	.8	163	162	294	17.97	33	9	5	GRID B	24+10E	1+75N	
4892	5	7	3420	2	14664	1.2	86	94	396	10.98	210	21	5	GRID B	24+10E	1+75N	
4893	5	7	354	10	1968	.1	111	95	447	15.93	44	8	5	GRID B	24+10E	1+75N	
4894	5	8	185	5	2350	.4	133	103	308	16.56	21	6	10	GRID B	24+10E	1+75N	
4895	5	6	311	5	776	.8	93	82	565	19.80	17	11	5	GRID B	20+75E	1+75N	
4895	5													GRID B	20+75E	1+75N	
4896	5	7	364	8	633	1.0	101	92	544	20.79	23	6	5	GRID B	20+75E	1+75N	
4897	10	9	332	14	1017	1.1	125	113	604	23.22	76	10	8	GRID B	20+75E	1+75N	
4898	5	9	339	9	2989	.8	111	94	738	20.85	28	5	5	GRID B	20+75E	1+75N	
4899	16	10	345	18	1094	1.8	116	110	784	22.92	35	11	16	GRID B	20+75E	1+75N	
4900	10	8	274	10	4927	.2	83	70	947	17.92	36	3	5	GRID B	20+75E	1+75N	
4901	10	9	358	19	2941	1.5	129	101	645	22.02	56	4	8	GRID B	20+75E	1+75N	
4902	10	6	259	8	1436	.1	86	66	806	16.31	12	2	5	GRID B	20+75E	1+75N	
4903	5	9	279	12	3615	.1	77	56	811	14.37	17	2	5	GRID B	20+75E	1+75N	
4904	5	6	161	11	934	.1	56	51	759	11.29	77	2	5	GRID B	20+75E	1+75N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4904	5													GRID B	20+75E	1+75N	
4905	10	6	350	10	2472	.6	76	74	814	14.21	1218	2	5	GRID B	20+75E	1+75N	
4906	5	6	477	11	226	.7	149	152	336	27.68	12	2	5	GRID B	20+75E	1+75N	
4907	5	7	666	14	548	1.5	132	132	538	25.51	22	4	14	GRID B	20+75E	1+75N	
4908	10	8	522	25	265	3.2	158	178	309	30.44	109	12	32	GRID B	20+75E	1+75N	
4909	5	9	415	13	1735	2.6	108	95	767	20.06	34	6	26	GRID B	20+75E	1+75N	
4909	5													GRID B	20+75E	1+75N	
4910	7	5	272	2	1404	.3	71	72	523	15.74	9	2	5	GRID B	16+80E	1+75N	
4911	7	8	306	2	1325	.4	75	75	492	16.70	125	2	5	GRID B	16+80E	1+75N	
4912	7	5	161	2	1204	.2	59	51	569	12.02	15	2	5	GRID B	16+80E	1+75N	
4913	5	6	155	11	1550	1.1	57	50	577	10.96	39	9	5	GRID B	16+80E	1+75N	
4914	7	6	190	3	2211	.6	83	54	522	13.15	15	2	5	GRID B	16+80E	1+75N	
4915	5	6	244	6	2334	.4	68	54	458	14.06	100	2	5	GRID B	16+80E	1+75N	
4916	5	6	195	22	2411	1.1	41	39	500	6.30	30	2	5	GRID B	16+80E	1+75N	
4917	7	7	235	2	854	.5	67	59	573	13.94	5	2	5	GRID B	16+80E	1+75N	
4918	7	7	347	3	1567	.3	89	91	386	18.98	11	2	5	GRID B	16+80E	1+75N	
4919	14	9	369	8	2777	.3	128	140	537	24.74	59	3	5	GRID B	16+80E	1+75N	
4919	14													GRID B	16+80E	1+75N	
4920	7	7	314	2	1900	.2	74	64	627	13.47	55	2	5	GRID B	16+80E	1+75N	
4921	14	9	277	6	326	.3	142	139	361	25.63	6	5	5	GRID B	16+80E	1+75N	
4922	7	9	294	2	819	.2	182	104	480	20.61	19	2	5	GRID B	16+80E	1+75N	
4923	14	9	284	3	2673	.4	93	116	422	19.78	24	2	5	GRID B	16+80E	1+75N	
4924	28	8	327	14	3135	.5	83	76	440	15.28	47	2	5	GRID B	13+00E	1+45N	
4925	21	10	1190	24	3702	1.2	76	63	410	15.15	21	3	5	GRID B	13+00E	1+45N	
4926	21	8	555	24	2657	.4	70	70	566	12.96	22	7	5	GRID B	13+00E	1+45N	
4927	42	10	526	9	1646	.3	107	92	382	20.80	33	3	5	GRID B	13+00E	1+45N	
4928	21	11	1156	30	4707	1.2	80	85	458	14.79	65	8	5	GRID B	13+00E	1+45N	
4928	14													GRID B	13+00E	1+45N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4929	94	8	980	22	2456	1.5	110	230	1286	21.16	8	2	5	GRID B	13+00E	1+45N	
4929	62													GRID B	13+00E	1+45N	
4930	84	9	1394	34	5616	2.8	149	128	358	17.29	38	21	6	GRID B	3+45E	1+35N	
4931	5	10	700	39	4919	2.4	105	93	317	11.97	32	17	3	GRID B	3+45E	1+35N	
4932	5	13	590	34	6028	2.7	151	122	408	16.95	38	20	5	GRID B	3+45E	1+35N	
4933	7	8	455	36	3287	2.1	132	128	346	13.42	36	14	3	GRID B	3+45E	1+35N	
4934	9	7	571	27	5440	1.3	146	124	234	16.98	17	7	3	GRID B	3+45E	1+35N	
4935	14	8	1170	35	6517	1.7	152	126	278	17.27	32	9	7	GRID B	3+45E	1+35N	
4936	5	10	401	10	8177	.9	122	106	236	13.98	11	8	6	GRID B	3+45E	1+35N	
4937	5	9	326	15	5014	.7	120	111	406	11.85	27	4	3	GRID B	3+95E	1+35N	
4938	9	7	1017	14	3137	1.1	150	122	482	13.29	41	9	3	GRID B	3+95E	1+35N	
4939	5	8	653	9	3773	1.3	106	90	294	17.48	27	4	9	GRID EXT.	83+77E	2+20N	
4939	5													GRID EXT.	83+77E	2+20N	
4940	5	7	408	7	2790	1.2	93	79	302	14.38	29	7	3	GRID EXT.	83+77E	2+20N	
4941	5	7	437	12	5367	1.7	109	91	329	16.55	22	13	3	GRID EXT.	83+77E	2+20N	
4942	5	7	390	9	5361	1.7	120	105	425	18.52	88	11	8	GRID EXT.	83+77E	2+20N	
4943	5	10	352	3	4425	1.0	99	90	327	15.52	112	5	3	GRID EXT.	83+77E	2+20N	
4944	5	8	3263	17	3913	3.2	141	129	362	22.62	110	15	14	GRID EXT.	83+77E	2+20N	
4945	5	6	917	11	4718	1.5	103	92	498	17.11	48	8	11	GRID EXT.	83+77E	2+20N	
4946	5	6	437	11	1696	1.7	143	128	446	22.15	31	11	18	GRID EXT.	83+77E	2+20N	
4947	5	6	576	5	11258	.8	76	68	507	11.17	29	10	7	GRID EXT.	83+77E	2+20N	
4948	5	6	516	7	1208	1.6	130	114	443	20.59	25	14	15	GRID EXT.	83+77E	2+20N	
4948	5													GRID EXT.	83+77E	2+20N	
4949	5	12	446	9	7190	1.1	84	75	380	13.77	25	12	11	GRID EXT.	83+77E	2+20N	
4950	5	11	338	8	6381	1.1	112	96	408	18.06	27	15	9	GRID EXT.	83+77E	2+20N	
4951	5	11	198	5	5574	.2	86	76	451	13.08	41	2	3	GRID EXT.	83+77E	2+20N	
4952	5	13	1353	3	5746	.3	78	66	374	11.66	27	2	3	GRID EXT.	83+77E	2+20N	
4953	5	9	753	4	8327	.6	92	83	647	14.46	30	11	3	GRID EXT.	83+77E	2+20N	

SAMPLE	AU	MO	CU	Pb	Zn	Ag	Ni	Co	Mn	Fe (%)	As	Sb	Bi	AREA	LONG.	LAT.	DESCRIPTION
4953	5													GRID EXT.	83+77E	2+20N	
4954	5	8	74	2	337	.4	39	26	517	11.53	12	6	3	GRID D	13+70E	1+30S	
4955	5	3	67	2	769	.2	39	25	552	12.02	6	8	3	GRID D	13+70E	1+30S	
4956	5	4	76	2	647	.1	43	33	447	10.74	2	3	3	GRID D	13+70E	1+30S	
4957	5	3	78	2	518	.2	40	27	468	9.36	50	8	3	GRID D	13+70E	1+30S	
4958	5	5	67	2	3008	.1	50	30	208	3.51	22	2	3	GRID EXT.	91+00E	7+42S	
4959	5	4	103	2	2400	.1	60	35	216	4.39	2	2	3	GRID EXT.	91+00E	7+42S	
4960														GRID EXT. S.	84+00E		
4961														GRID EXT. S.	84+00E		
4962														GRID EXT. S.	84+00E		
4963														GRID EXT. S.	84+00E		

ACCURASSAY LABORATORIES

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42256 **Certificate of Analysis**

Lou Chatsko
Independent Exploration
P.O.Box 7, Stn.A
WINNIPEG, MAN
R3K 1Z9

June 12, 1991
W.O.# 181728,181733

Page #1

wash. + mix

ELEMENT

SAMPLE #	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4952	4	59	4	42	0.2	60	3	300	6.97	38	2	<3
4953	3	96	8	58	0.5	35	7	305	4.52	28	<2	<3
4954	5	99	<2	42	0.6	109	26	530	10.45	16	5	<3
4955	4	126	6	45	0.8	98	16	508	13.50	31	3	<3
4165	10	289	25	2995	1.0	93	66	376	8.26	24	5	<3
4167	8	165	12	923	1.1	131	104	466	11.35	16	5	<3
4172	7	656	12	1448	1.1	97	72	647	10.15	7	<2	<3
4173	9	485	28	3987	1.3	96	59	438	7.07	33	7	<3
4175	9	598	14	4482	2.1	135	124	308	14.82	130	9	<3
4183	2	89	<2	62	0.4	27	3	605	6.89	57	2	<3
4184	3	13	<2	120	<0.1	17	1	253	2.34	19	<2	<3
4185	2	24	<2	44	<0.1	13	<1	354	9.46	5	<2	<3
4186	4	22	<2	172	<0.1	18	<1	3635	13.95	38	<2	<3
4187	6	141	10	227	0.1	50	8	543	7.37	20	4	<3
4188	15	153	5	155	0.2	83	33	1903	18.50	6	7	<3
4214	2	23	6	119	0.3	19	3	541	2.74	12	<2	<3
4215	4	9	<2	21	<0.1	7	<1	112	2.26	5	<2	<3
4216	9	147	11	111	1.4	86	39	405	9.56	37	4	<3
4217	4	85	11	81	1.0	45	15	358	4.95	26	<2	<3
4218	4	72	13	265	0.5	47	16	613	7.47	21	<2	<3
4219	4	133	2	96	0.8	49	24	748	6.31	36	<2	<3
4220	2	35	<2	52	0.5	28	13	609	4.64	41	2	<3
4221	3	80	<2	41	<0.1	70	16	621	4.09	13	5	<3
4222	5	55	12	87	1.3	42	14	252	4.43	36	5	<3
4223	4	94	<2	43	<0.1	116	34	665	5.19	12	5	<3
4224	8	64	8	60	<0.1	19	<1	274	6.49	45	<2	13
4225	2	7	<2	12	<0.1	11	1	92	1.38	7	2	5
4226	2	88	<2	213	<0.1	21	<1	633	10.18	55	2	<3
4227	3	83	2	132	<0.1	18	5	92	1.90	17	5	<3
4228	2	38	<2	39	<0.1	23	13	130	2.06	33	3	4
4229	5	14	7	56	<0.1	13	3	93	1.60	10	<2	7
4230	4	25	5	88	0.2	23	6	123	2.32	17	<2	<3
4231	1	154	4	28	<0.1	25	12	228	2.48	23	3	<3
4232	3	31	3	70	<0.1	17	2	407	2.66	94	3	<3

LF-30

Per: [signature]

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43660 **Certificate of Analysis**

Page: 1

Lou Chastko
Independent Expl. Services Ltd May 24 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181707A
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
2(1883	A-PL-60-2+00	35	31
283884	A-PL-60-2+12.5	35	80
283885	A-PL-60-2+25	18	45
2(1886	A-PL-60-2+37.5	19	30
2 3887	A-PL-60-2+50	87	84
2 88	A-PL-60-2+62.5	59	54
2 89	A-PL-60-2+75	48	160
2 3890	A-PL-60-2+87.5	49	36
283891	A-PL-60-3+00	62	73
2 3892	A-PL-60-3+12.5	46	69
2 3893	A-PL-60-3+25	42	48
283894	A-PL-60-3+37.5	77	60
283895	A-PL-60-3+50	37	44
2 3896	A-PL-60-3+62.5	68	64
2 3897	A-PL-60-3+75	54	62
283898	A-PL-60-3+87.5	28	74
2 3899	A-PL-60-4+00	70	130
2 3900	A-PL-60-4+12.5	27	62
283901	A-PL-60-4+25	47	210
2 3902	A-PL-60-4+37.5	24	86
2 3903	A-PL-60-4+50	140	140
283904	A-PL-60-4+62.5	38	83
283905	A-PL-60-4+75	79	92
2 3906	A-PL-60-4+87.5	110	98
2 3907	A-PL-60-5+00	180	290
283908	A-PL-61-2+00	42	32
2 3909	A-PL-61-2+12.5	67	53
2 3910	A-PL-61-2+25	68	40
283911	A-PL-61-2+37.5	60	46
2 3912	A-PL-61-2+50	40	31
2 913	A-PL-61-2+62.5	60	93

Per:

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43661 Certificate of Analysis

Lou Chastko
Independent Expl. Services Ltd — May 24 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181707A
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
283914	A-PL-61-2+75	72	90
283915	A-PL-61-2+87.5	71	100
3916	A-PL-61-3+00	74	79
3917	A-PL-61-3+12.5	29	34
283918	A-PL-61-3+25	36	50
919	A-PL-61-3+37.5	49	65
920	A-PL-61-3+50	68	220
283921	A-PL-61-3+62.5	52	150
3922	A-PL-61-3+75	72	130
3923	A-PL-61-3+87.5	56	130
283924	A-PL-61-4+00	42	96
283925	A-PL-61-4+12.5	41	96
3926	A-PL-61-4+25	45	160
33927	A-PL-61-4+37.5	57	290
283928	A-PL-61-4+50	49	230
33929	A-PL-61-4+62.5	88	140
33930	A-PL-61-4+75	68	100
283931	A-PL-62-2+00	32	33
83932	A-PL-62-2+12.5	63	78
33933	A-PL-62-2+25	39	53
283934	A-PL-62-2+37.5	51	51
283935	A-PL-62-2+50	53	40
33936	A-PL-62-2+62.5	69	50
33937	A-PL-62-2+75	44	49
283938	A-PL-62-3+25	40	120
83939	A-PL-62-3+37.5	51	56
83940	A-PL-62-3+50	61	44

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43658 **Certificate of Analysis**

Page: 1

Lou Chastko
Independent Expl. Services Ltd — May 24 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181707
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
283829	A-L-57-2+00	100	78
283830	A-L-57-2+12.5	88	69
2[illegible]831	A-L-57-2+25	41	62
2[illegible]832	A-L-57-2+37.5	68	110
283833	A-PL-57-2+50	26	96
2[illegible]834	A-PL-57-2+67.5	8	82
2[illegible]35	A-PL-57-2+75	53	110
283836	A-PL-57-2+87.5	32	170
283837	A-PL-57-3+00	37	210
2[illegible]838	A-PL-57-3+12.5	30	120
283839	A-PL-57-3+25	22	94
283840	A-PL-57-3+37.5	13	84
2[illegible]841	A-PL-57-3+50	46	63
2[illegible]842	A-PL-57-3+62.5	34	580
283843	A-PL-57-3+87.5	98	190
2[illegible]844	A-PL-58-2+00	36	300
2[illegible]845	A-PL-58-2+12.5	17	58
283846	A-PL-58-2+25	22	71
283847	A-PL-58-2+37.5	38	53
2[illegible]848	A-PL-58-2+50	65	55
283849	A-PL-58-2+62.5	37	94
283850	A-PL-58-2+75	55	110
2[illegible]851	A-PL-58-2+87.5	26	88
2[illegible]852	A-PL-58-3+00	85	130
283853	A-PL-58-3+12.5	120	430
2[illegible]854	A-PL-58-3+25	110	240
2[illegible]855	A-PL-58-3+37.5	140	320
283856	A-PL-58-3+50	74	260
283857	A-PL-58-3+62.5	82	210
2[illegible]858	A-PL-58-3+75	69	92
283859	A-PL-58-3+87.5	70	130

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Per: [signature]

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43659 # Certificate of Analysis

Lou Chastko
Independent Expl. Services Ltd   May 24   91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9
Work Order # : 181707
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
2[illegible]3860	A-PL-58-4+00	33	130
283861	A-PL-59-2+00	33	46
2[illegible]3862	A-PL-59-2+12.5	13	40
2[illegible]3863	A-PL-59-2+25	65	67
283864	A-PL-59-2+37.5	130	87
28[illegible]865	A-PL-59-2+50	64	96
2[illegible]66	A-PL-59-2+62.5	47	54
2[illegible]3867	A-PL-59-2+75	150	88
283868	A-PL-59-2+87.5	Sample Missing	
2[illegible]3869	A-PL-59-3+00	60	51
2[illegible]3870	A-PL-59-3+12.5	140	46
283871	A-PL-59-3+37.5	120	88
2[illegible]3872	A-PL-59-3+50	83	74
2[illegible]3873	A-PL-59-3+62.5	80	100
283874	A-PL-59-3+75	35	56
2[illegible]3875	A-PL-59-3+87.5	82	68
2[illegible]3876	A-PL-59-4+00	120	41
2[illegible]3877	A-PL-59-4+12.5	52	140
283878	A-PL-59-4+25	69	65
2[illegible]3879	A-PL-59-4+50	80	83
2[illegible]3880	A-PL-59-4+62.5	64	100
283881	A-PL-59-4+75	90	290
2[illegible]3882	A-PL-59-4+87.5	68	82

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Per: [signature]

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43662 **Certificate of Analysis**

Page: 1

Lou Chastko
Independent Expl. Services Ltd — May 24 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181708
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
283941	B-PL-57E-2+00-N	12	40
283942	B-PL-57E-2+12.5	18	59
283943	B-PL-57E-2+25	11	51
283944	B-PL-57E-2+37.5	22	71
283945	B-PL-57E-2+50	15	100
283946	B-PL-57E-2+62.5	12	170
[illegible]947	B-PL-57E-2+75	33	74
283948	B-PL-57E-2+87.5	32	240
283949	B-PL-57E-3+00	28	230
283950	B-PL-57E-3+12.5	20	120
283951	B-PL-57E-3+25	25	79
283952	B-PL-57E-3+37.5	16	78
283953	B-PL-57E-3+50	38	120
283954	B-PL-57E-3+67.5	42	570
283955	B-PL-57E-3+75	74	360
283956	B-PL-57E-3+87.5	120	210
283957	B-PL-57E-4+00	100	210
283958	B-PL-58E-2+00-N	36	49
283959	B-PL-58E-2+12.5	18	61
283960	B-PL-58E-2+25	9	27
283961	B-PL-58E-2+37.5	15	39
283962	B-PL-58E-2+50	30	30
283963	B-PL-58E-2+62.5	20	120
283964	B-PL-58E-2+75	21	120
283965	B-PL-58E-2+87.5	11	45
283966	B-PL-58E-3+00	96	230
283967	B-PL-58E-3+12.5	110	470
283968	B-PL-58E-3+25	92	240
283969	B-PL-58E-3+37.5	230	260
283970	B-PL-58E-3+50	110	370
283971	B-PL-58E-3+62.5	54	170

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43663 **Certificate of Analysis**

Page: 2

Lou Chastko
Independent Expl. Services Ltd — May 24 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181708
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
283972	B-PL-58E-3+75	50	190
28[illegible]973	B-PL-58E-3+87.5	66	120
28[illegible]974	B-PL-58E-4+00	50	190
283975	B-PL-59E-2+00	8	41
283976	B-PL-59E-2+12	8	36
28[illegible]7	B-PL-59E-2+25	28	130
28[illegible]78	B-PL-59E-2+37.5	10	66
283979	B-PL-59E-2+50	27	130
28[illegible]980	B-PL-59E-2+67.5	8	83
28[illegible]981	B-PL-59E-2+75	31	37
283982	B-PL-59E-2+87.5	14	87
28[illegible]983	B-PL-59E-3+00	21	65
28[illegible]984	B-PL-59E-3+12.5	16	24
283985	B-PL-59E-3+25	72	110
28[illegible]986	B-PL-59E-3+37.5	68	78
28[illegible]987	B-PL-59E-3+50	85	66
28[illegible]988	B-PL-59E-3+67.5	24	94
283989	B-PL-59E-3+75	18	62
28[illegible]990	B-PL-59E-3+87.5	56	70
28[illegible]991	A B-PL-59E-4+00	70	16
283992	B-PL-59E-4+12.5-a	22	180
28[illegible]993	B-PL-59E-4+12.5-b	210	120
28[illegible]994	B-PL-59E-4+25	33	140
283995	B-PL-59E-4+50	22	110
283996	B-PL-59E-4+63.5	27	46
28[illegible]997	B-PL-59E-4+67.5	32	80
28[illegible]998	B-PL-59E-4+75-a	110	350
283999	B-PL-59E-4+75-b	220	120

↑ Note - B horizon samples

Per: [signature]

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43664 Certificate of Analysis

Page: 1

Lou Chastko
Independent Expl. Services Ltd — May 24 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181708A
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
284000	B-PL-60E-2+00	10	23
284001	B-PL-60E-2+12.5	10	82
284002	B-PL-60E-2+25	9	43
284003	B-PL-60E-2+37.5	5	23
284004	B-PL-60E-2+50	9	52
284005	B-PL-60E-2+62.5	3	18
2[illegible]06	B-PL-60E-2+75	16	190
284007	B-PL-60E-2+87.5	29	46
284008	B-PL-60E-3+00	6	30
284009	B-PL-60E-3+12.5	9	65
284010	B-PL-60E-3+25	14	51
284011	B-PL-60E-3+37.5	12	40
284012	B-PL-60E-3+50	23	56
284013	B-PL-60E-3+62.5	11	63
284014	B-PL-60E-3+75	18	55
284015	B-PL-60E-3+87.5	13	60
284016	B-PL-60E-4+00	70	110
284017	B-PL-60E-4+12.5	100	100
284018	B-PL-60E-4+25	40	76
284019	B-PL-60E-4+37.5	30	86
284020	B-PL-60E-4+50	110	150
284021	B-PL-60E-5+00	150	380
284022	B-PL-61E-2+00	15	34
284023	B-PL-61E-2+12.5	7	25
284024	B-PL-61E-2+25	11	34
284025	B-PL-61E-2+37.5	4	18
284026	B-PL-61E-2+50	4	16
284027	B-PL-61E-2+62.5	5	27
284028	B-PL-61E-2+75	8	72
284029	B-PL-61E-2+87.5	18	64
284030	B-PL-61E-3+00	18	91

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Per: Howard Lahti

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Lou Chastko
Independent Expl. Services Ltd May 24 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181708A
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
284031	B-PL-61E-3+12.5	4	15
284032	B-PL-61E-3+25	3	27
284033	B-PL-61E-3+37.5	6	32
284034	B-PL-61E-3+50	21	260
284035	B-PL-61E-3+62.5	20	350
2[illegible]36	B-PL-61E-3+75	39	460
284037	B-PL-61E-3+87.5	40	75
284038	B-PL-61E-4+00	16	85
284039	B-PL-61E-4+12.5	8	120
284040	B-PL-61E-4+25	22	130
284041	B-PL-61E-4+37.5	52	250
284042	B-PL-61E-4+50	59	440
284043	B-PL-61E-4+62.5	38	140
284044	B-PL-61E-4+75	110	85
284045	B-PL-62E-2+00	3	8
284046	B-PL-62E-2+12.5	2	6
284047	B-PL-62E-2+25	2	7
284048	B-PL-62E-2+37.5	3	34
284049	B-PL-62E-2+50	3	6
284050	B-PL-62E-2+62.5	2	9
284051	B-PL-62E-2+75	2	6
284052	B-PL-62E-3+25	3	18
284053	B-PL-62E-3+37.5	5	56
284054	B-PL-62E-3+50	3	5

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Per: Howard Lahti

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Lou Chastko
Independent Expl. Services Ltd May 27 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181712
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
284179	A-L10E-0+00-E	8	110
284180	A-L10E-0+12-N	16	110
284181	A-L10E-0+25-N	11	93
284182	A-L10E-0+37.5	5	10
284183	A-L10E-0+50	12	48
2[illegible]4184	A-L10E-0+62.5	18	46
[illegible] 185	A-L10E-0+75	9	83
284186	A-L10E-0+87.5	12	46
284187	A-L10E-1+00	14	51
284188	A-L10E-1+12.5	10	86
284189	A-L10E-1+25	13	120
284190	A-L10E-1+37.5	13	62
284191	A-L10E-1+50	18	52
284192	A-L10E-1+75	14	40
284193	A-L10E-1+87.5	17	41
284194	A-L10E-2+00	14	47
284195	A-L10E-2+12.5	15	46
284196	A-L10E-2+25	22	46
284197	A-L10E-2+37.5	14	81
284198	A-L10E-2+50	22	69
284199	A-L10E-2+62.5	22	80
284200	A-L10E-2+75	14	76
284201	A-L10E-2+87.5	16	110
284202	A-L10E-3+00	14	110
284203	A-L11E-0+00	13	71
284204	A-L11E-0+12.5	6	32
284205	NO TAG-1	10	34
284206	A-L11E-0+37.5	12	89
284207	A-L11E-0+50	14	94
284208	A-L11E-0+62.5	14	45
284209	A-L11E-0+75	16	36

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Per: [signature]

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P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181712
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
284210	A-L11E-0+87.5	12	140
284211	A-L11E-1+00	12	38
284212	A-L11E-1+12.5	17	35
284213	A-L11E-1+25-a	14	160
284214	A-L11E-1+25-b	10	62
2[illegible]15	A-L11E-1+37.5	20	49
28[illegible]216	A-L11E-1+50	12	76
284217	A-L11E-1+62.5	12	68
284218	A-L11E-1+75	17	110
284219	A-L11E-1+87.5	11	78
284220	A-L11E-2+00	12	73
284221	A-L11E-2+12.5	16	62
284222	A-L11E-2+25	13	110
284223	A-L11E-2+37.5	12	64
284224	A-L11E-2+50	10	140
284225	A-L11E-2+62.5	14	48
284226	A-L11E-2+75	13	53
284227	A-L11E-2+87.5	13	55
284228	A-L11E-3+00	17	72
284229	A-L11E-3+12.5	14	63
284230	A-L11E-3+25	14	58

Per: ____________________

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Lou Chastko
Independent Expl. Services Ltd — June 3 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181723
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
284616	A-L8E-0+00	44	100
284617	A-L8E-0+12.5N	14	86
284618	A-L8E-0+25 N	14	110
284619	A-L8E-0+37.5N	6	66
284620	A-L8E-0+50 N	16	110
284621	A-L8E-0+62.5N	24	78
284622	A-L8E-0+75 N	24	97
284623	A-L8E-0+82.5N	16	18
284624	A-L8E-1+00 N	30	83
284625	A-L8E-1+12.5N	11	84
284626	A-L8E-1+25 N	32	85
284627	A-L8E-1+37.5N	17	170
284628	A-L8E-1+50 N	14	150
284629	A-L8E-1+62.5N	30	680
284630	A-L8E-1+75 N	30	460
284631	A-L8E-1+87.5N	24	470
284632	A-L8E-2+00 N	18	480
284633	A-L8E-2+12.5N	13	270
284634	A-L8E-2+25 N	16	300
284635	A-L8E-2+37.5N	19	170
284636	A-L8E-2+50 N	21	74
284637	A-L8E-2+75 N	18	110
284638	A-L8E-3+00 N	20	130
284639	A-L9E-0+00	10	51
284640	A-L9E-0+37.5N	9	24
284641	A-L9E-0+50 N	14	130
284642	A-L9E-0+62.5N	8	51
284643	A-L9E-0+75 N	7	50
284644	A-L9E-1+25 N	8	28
284645	A-L9E-1+37.5N	9	84
285646	A-L9E-1+50 N	12	140

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Per: [signature]

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Independent Expl. Services Ltd June 3 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181723
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
284647	A-L9E-1+62.5N	12	290
284648	A-L9E-1+75 N	15	120
284649	A-L9E-1+87.5N	13	110
284650	A-L9E-2+00 N	11	96
284651	A-L9E-2+12.5N	14	110
284652	A-L9E-2+25 N	17	220
284653	A-L9E-2+37.5N	15	59
284654	A-L9E-2+50 N	14	150
284655	A-L9E-2+62.5N	14	360
284656	A-L9E-2+75 N	12	120
284657	A-L9E-2+82.5N	14	260
284658	A-L9E-3+00 N	14	120

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Per: [signature]

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Lou Chastko
Independent Expl. Services Ltd June 3 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181724
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
284659	B-PL8E-0+00	4	24
284660	B-PL8E-0+12.5N	8	29
284661	B-PL8E-0+25 N	3	14
284662	B-PL8E-0+37.5N	4	18
284663	B-PL8E-0+50 N	3	13
284664	B-PL8E-0+62.5N	4	18
284665	B-PL8E-0+75 N	8	34
284666	B-PL8E-0+87.5N	12	45
284667	B-PL8E-1+00 N	41	150
284668	B-PL8E-1+12.5N	39	89
284669	B-PL8E-1+25 N	28	52
284670	B-PL8E-1+37.5N	23	110
284671	B-PL8E-1+50 N	15	130
284672	B-PL8E-1+62.5N	17	130
284673	B-PL8E-1+75 N	170	610
284674	B-PL8E-1+87.5N	60	200
284675	B-PL8E-2+00 N	30	410
284676	B-PL8E-2+12.5N	26	150
284677	B-PL8E-2+25 N	36	130
284678	B-PL8E-2+37.5N	59	130
284679	B-PL8E-2+50 N	24	82
284680	B-PL8E-2+62.5N	35	76
284681	B-PL8E-2+75 N	30	72
284682	B-PL9E-0+00	20	58
284683	B-PL9E-0+37.5N	26	38
284684	B-PL9E-0+50 N	14	42
284685	B-PL9E-0+62.5N	14	36
284686	B-PL9E-0+75 N	3	15
284687	B-PL9E-1+25 N	5	14
284688	B-PL9E-1+37.5N	5	15
284689	B-PL9E-1+50 N	37	120

Per: [signature]

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Lou Chastko
Independent Expl. Services Ltd — June 3 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181724
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
284690	B-PL9E-1+62.5N	35	94
284691	B-PL9E-1+75 N	51	150
284692	B-PL9E-1+87.5N	53	92
284693	B-PL9E-2+00 N	52	110
284694	B-PL9E-2+12.5N	40	72
284695	B-PL9E-2+25 N	39	110
284696	B-PL9E-2+37.5N	26	48
284697	B-PL9E-2+50 N	36	54
284698	B-PL9E-2+62.5N	17	47
284699	B-PL9E-2+75 N	24	66
284700	B-PL9E-2+87.5N	31	100
284701	B-PL9E-3+00 N	32	58

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Per: [signature]

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Lou Chastko
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WINNIPEG, MAN
R3K 1Z9

Work Order # : 181713
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
284231	BPL-10E-ST-0+00	8	80
284232	BPL-10E-ST-0+12.5	6	44
284233	BPL-10E-ST-0+25	4	25
284234	BPL-10E-ST-0+37.5	2	13
284235	BPL-10E-ST-0+50	13	46
284236	BPL-10E-ST-0+62.5	23	65
28 37	BPL-10E-ST-0+75	11	58
284238	BPL-10E-ST-0+87.5	12	56
284239	BPL-10E-ST-1+00	14	60
284240	BPL-10E-ST-1+12.5	22	69
284241	BPL-10E-ST-1+37.5	17	65
284242	BPL-10E-ST-1+50	11	34
284243	BPL-10E-ST-1+62.5	30	67
284244	BPL-10E-ST-1+75	17	62
284245	NO TAG-2	46	63
284246	BPL-10E-ST-2+00	17	53
284247	BPL-10E-ST-2+12.5	24	88
284248	BPL-10E-ST-2+25	42	110
284249	BPL-10E-ST-2+37.5	22	90
284250	BPL-10E-ST-2+50	27	120
284251	BPL-10E-ST-2+62.5	24	120
284252	BPL-10E-ST-2+75	20	94
284253	BPL-10E-ST-2+87.5	26	140
284254	BPL-10E-ST-3+00	24	110
284255	B-L11-0+00	16	43
284256	B-L11-0+12.5	3	18
284257	B-L11-0+25	5	21
284258	B-L11-0+37.5	15	69
284259	B-L11-0+50	23	85
284260	B-L11-0+62.5	25	67
284261	B-L11-0+75	26	63

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WINNIPEG, MAN
R3K 1Z9

Work Order # : 181713
Project :

SAMPLE NUMBERS Accurassay	Customer	Copper ppm	Zinc ppm
284262	B-L11-0+87.5	21	49
284263	B-L11-1+00	25	66
284264	B-L11-1+12.5	24	65
284265	B-L11-1+25	22	54
284266	B-L11-1+37.5	18	61
284267	B-L11-1+50	15	65
2[illegible]68	B-L11-1+62.5	24	140
28[illegible]69	B-L11-1+75	20	110
284270	B-L11-1+87.5	22	120
284271	B-L11-2+00	19	66
284272	B-L11-2+12.5	17	84
284273	B-L11-2+25	20	99
284274	B-L11-2+37.5	22	90
284275	B-L11-2+50	18	69
284276	B-L11-2+62.5	28	82
284277	B-L11-2+75	26	98
284278	B-L11-2+87.5	26	110
284279	B-L11-3+00	30	120
284280	B-L11-3+12.5	20	120
284281	B-L11-3+25	30	150

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Per: Howard Lutto

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Page: 1

Lou Chastko
Independent Expl. Services Ltd — May 31 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181722
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
84603	4151	6	<0.002	
284604	4152	<5	<0.002	
84605	4153	5	<0.002	
84606	4154	<5	<0.002	
284607	4155	5	<0.002	
84608	4156	6	<0.002	
84609	4157	<5	<0.002	
284610	4158	6	<0.002	
284611	4159	9	<0.002	
84612	4160	6	<0.002	
84612	4160	7	<0.002	Check
284613	4161	7	<0.002	
84614	4162	12	<0.002	
84615	4163	10	<0.002	
284615	4163	9	<0.002	Check

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Per: [signature]

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43746 Certificate of Analysis

Lou Chastko
Independent Expl. Services Ltd May 31 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181720
Project :

SAMPLE NUMBERS ccurassay	Customer	Gold ppb	Gold Oz/T	
284597	4029	<5	<0.002	
?84598	4030	<5	<0.002	
84599	4031	<5	<0.002	
284599	4031	<5	<0.002	Check

LF-30

Per: [signature]

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Independent Expl. Services Ltd — May 31 91
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R3K 1Z9

Work Order # : 181720
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
84569	4001	<5	<0.002	
284570	4002	27	<0.002	
84571	4003	94	0.003	
84572	4004	<5	<0.002	
284573	4005	<5	<0.002	
84574	4006	<5	<0.002	
84575	4007	<5	<0.002	
284576	4008	<5	<0.002	
284577	4009	<5	<0.002	
84578	4010	<5	<0.002	
84578	4010	<5	<0.002	Check
284579	4011	40	<0.002	
84580	4012	13	<0.002	
84581	4013	<5	<0.002	
284582	4014	<5	<0.002	
284583	4015	9	<0.002	
84584	4016	8	<0.002	
84585	4017	<5	<0.002	
284586	4018	<5	<0.002	
84587	4019	<5	<0.002	
84587	4019	<5	<0.002	Check
284588	4020	<5	<0.002	
84589	4021	18	<0.002	
84590	4022	<5	<0.002	
284591	4023	11	<0.002	
284592	4024	<5	<0.002	
84593	4025	<5	<0.002	
84594	4026	<5	<0.002	
284595	4027	<5	<0.002	
84596	4028	13	<0.002	
84596	4028	13	<0.002	Check

LF-30

Per: ____________

ORIGINAL

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.

43759 **Certificate of Analysis**

Page: 2

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

June 3 91

Work Order # : 181727
Project :

SAMPLE NUMBERS		Gold	Gold	
ccurassay	Customer	ppb	Oz/T	
284767	4179	6	<0.002	
^84768	4180	6	<0.002	
84769	4181	10	<0.002	
284770	4182	18	<0.002	
?84771	4201	22	<0.002	
84772	4202	16	<0.002	
∠84773	4203	<5	<0.002	
284774	4204	<5	<0.002	
84775	4205	6	<0.002	
84775	4205	<5	<0.002	Check
284776	4206	8	<0.002	
?84777	4207	9	<0.002	
84778	4208	21	<0.002	
∠84779	4209	11	<0.002	
284780	4210	9	<0.002	
84781	4211	5	<0.002	
84782	4212	7	<0.002	
284783	4213	<5	<0.002	
^84783	4213	<5	<0.002	Check
84784	4174	7	<0.002	
284784	4174	9	<0.002	Check

LF-30

Per: [signature]

ORIGINAL

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43758 Certificate of Analysis

Page: 1

Lou Chastko
Independent Expl. Services Ltd — June 3 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181727
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
284739	4032	17	<0.002	
284740	4033	<5	<0.002	
284741	4034	9	<0.002	
284742	4035	5	<0.002	
284743	4036	17	<0.002	
284744	4037	<5	<0.002	
284745	4038	<5	<0.002	
284746	4039	<5	<0.002	
284747	4040	8	<0.002	
284748	4041	10	<0.002	
284748	4041	10	<0.002	Check
284749	4042	5	<0.002	
284750	4043	<5	<0.002	
284751	4044	<5	<0.002	
284752	4045	5	<0.002	
284753	4046	5	<0.002	
284754	4047	18	<0.002	
284755	4048	<5	<0.002	
284756	4049	<5	<0.002	
284757	4050	<5	<0.002	
284757	4050	5	<0.002	Check
284758	4164	10	<0.002	
284759	4166	7	<0.002	
284760	4168	6	<0.002	
284761	4169	6	<0.002	
284762	4170	7	<0.002	
284763	4171	7	<0.002	
284764	4176	5	<0.002	
284765	4177	16	<0.002	
284766	4178	10	<0.002	
284766	4178	12	<0.002	Check

LF-30

Per: ____________

ORIGINAL

ACCURASSAY LABORATORIES
A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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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.

43771 **Certificate of Analysis**

Mr. Lou Chatsko
Independent Exploration Services Ltd.
P.O.Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

June 04, 1991

W.O.#: 181720

ELEMENT

SAMPLE	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4 01	4	23	8	16	0.1	17	5	202	2.14	17	2	<3
4002	8	66	6	98	0.5	34	34	275	3.86	3339	6	<3
4003	11	134	8	52	0.4	87	87	321	4.52	10222	21	<3
4 04	5	33	6	81	0.7	96	35	259	3.94	171	10	<3
4005	8	54	14	111	0.5	38	17	187	3.08	31	7	<3
4006	9	111	30	232	1.5	54	28	158	3.79	24	6	<3
4 07	9	63	24	1209	0.7	51	22	334	4.36	47	9	<3
4 08	8	82	25	254	1.0	43	20	152	3.52	81	6	<3
4009	10	79	14	235	0.6	65	31	524	3.23	33	10	<3
4010	12	347	23	428	1.4	96	56	245	6.42	27	11	<3
4 11	13	147	7	51	0.6	100	97	256	4.36	6992	22	<3
4012	11	271	13	6299	1.4	89	67	357	3.46	353	12	<3
4013	5	97	13	229	0.8	27	20	727	5.14	41	10	<3
4 14	7	70	17	119	0.6	47	37	257	4.37	188	8	<3
4 15	17	146	4	520	0.7	79	49	387	10.27	17	10	<3
4016	12	194	19	512	1.3	68	55	213	8.06	22	5	<3
4 17	9	112	10	65	0.7	104	34	563	4.20	28	15	<3
4 18	4	42	10	38	0.4	33	17	513	4.49	15	8	<3
4019	3	7	8	40	0.6	8	3	139	1.38	31	2	<3
4020	6	39	42	34	0.6	22	8	279	5.63	78	7	<3
4 21	4	20	<2	30	0.1	32	15	999	7.07	1857	5	<3
4022	4	191	14	22	0.8	145	44	114	1.56	174	14	<3
4023	7	62	9	87	0.1	64	132	177	5.40	2295	10	<3
4 24	4	18	19	38	0.2	21	8	150	1.49	26	<2	<3
4 25	9	9	12	48	0.5	29	10	167	3.77	14	4	<3
4026	4	27	10	63	0.4	29	16	587	4.26	29	6	<3
4027	6	37	<2	76	<0.2	20	7	1364	8.89	6	<2	<3
4 28	4	15	9	91	0.7	17	8	285	3.29	27102	3	<3
4029	3	44	26	210	1.9	85	26	1164	4.76	277	24	<3
4030	3	32	21	112	1.8	22	4	444	2.48	60	16	<3
4 31	6	8	10	13	<0.2	10	3	410	1.40	14	<2	<3

LF-30

Per: [signature]

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ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
BOX 426
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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.

43772 **Certificate of Analysis**

Mr. Lou Chatsko
Independent Exploration Services Ltd.
P.O.Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

June 04, 1991

W.O.#: 181722

ELEMENT

SAMPLES	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4 51	13	453	20	3678	1.0	127	103	753	9.22	20	14	<3
4152	6	125	14	231	1.2	43	21	263	1.96	14	9	<3
4 53	6	137	20	641	1.0	50	36	517	3.60	79	13	<3
4 54	5	197	19	510	0.4	48	38	273	4.27	37	9	<3
4155	14	483	27	4070	0.9	146	128	308	13.42	69	12	<3
4156	8	322	26	1476	1.7	82	82	441	7.58	289	12	<3
4 57	4	71	11	537	0.8	35	37	302	4.10	29	11	<3
4 58	15	703	31	4505	0.8	165	145	576	15.18	26	12	<3
4159	16	426	27	1895	1.4	140	166	286	18.24	92	13	<3
4 60	6	148	12	135	0.3	51	43	124	4.14	25	9	<3
4 61	5	84	17	53	1.0	40	36	223	3.73	57	10	<3
4162	11	211	15	684	1.6	72	78	350	11.02	24	12	<3
4 63	4	124	24	53	0.8	49	49	106	3.84	32	8	<3

LF-30

Per:

ORIGINAL

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.

42210 Certificate of Analysis

Page: 1

Lou Chastko
Independent Expl. Services Ltd — June 6 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181728
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
284785	4052	36	<0.002	
284786	4053	5	<0.002	
84787	4054	8	<0.002	
84788	4055	13	<0.002	
284789	4165	10	<0.002	
284790	4167	7	<0.002	
84791	4172	8	<0.002	
284792	4173	10	<0.002	
284793	4175	10	<0.002	
84794	4183	10	<0.002	
284794	4183	9	<0.002	Check
284795	4184	5	<0.002	
84796	4185	8	<0.002	
84797	4186	13	<0.002	
284798	4187	11	<0.002	
284799	4188	17	<0.002	
84799	4188	18	<0.002	Check

LF-30

Per: [signature]

ORIGINAL

ACCURASSAY LABORATORIES
A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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42234 Certificate of Analysis

Lou Chatsko
Independent Exploration
P.O.BOX 7, Stn. A
WINNIPEG, MAN
R3K 1Z9

June 10, 1991
W.O.#: 181727

Page #2

ELEMENTS

SAMPLE	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4201	6	116	6	195	3.0	97	70	338	8.10	12	4	<3
4202	7	267	20	84	1.7	145	84	654	17.97	13	13	<3
4203	10	23	21	67	2.1	37	13	196	2.00	25	8	18
4204	3	63	10	87	4.3	70	26	242	4.81	63	<2	14
4205	4	49	3	106	1.1	53	12	1373	5.23	74	4	10
4206	2	157	<2	17	0.7	40	20	933	5.17	7	<2	5
4207	5	32	10	36	2.4	91	29	907	4.79	59	9	5
4208	6	138	2	81	1.6	72	68	580	9.47	6	<2	<3
4209	3	62	3	71	<0.1	39	25	300	6.20	<2	<2	<3
4210	4	76	2	54	0.9	82	21	233	4.03	68	2	<3
4211	5	8	20	8	<0.1	9	2	175	1.33	15	<2	<3
4212	4	275	11	161	1.3	62	30	327	5.17	8	<2	3
4213	9	40	12	7	0.7	37	12	154	2.55	49	6	10

LF-30

Per: Hawel Lahtis

ORIGINAL

ACCURASSAY LABORATORIES
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BOX 426
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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.

42233 Certificate of Analysis

Lou Chatsko
Independent Exploration
P.O.BOX 7, Stn. A
WINNIPEG, MAN
R3K 1Z9

June 10, 1991
W.O.#: 181727

Page #1

ELEMENTS

SAMPLE	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4C 2	11	234	12	136	2.1	165	41	718	8.96	22	<2	<3
4033	6	163	2	188	<0.1	43	16	207	4.33	8	<2	<3
40^4	15	59	19	113	0.4	107	36	250	4.33	29	10	<3
4C 5	9	17	<2	18	<0.1	60	15	445	7.18	57	6	<3
4036	12	19	<2	26	0.2	66	16	704	8.83	79	9	<3
4037	7	56	<2	121	1.5	64	12	407	3.28	100	<2	<3
4C 8	8	36	<2	62	1.9	37	6	345	3.33	32	<2	<3
4C_9	9	20	5	45	1.1	39	6	284	2.44	10	3	<3
4040	10	35	5	147	1.0	59	12	425	3.45	88	3	<3
4C 1	11	65	12	54	0.5	82	25	361	6.42	510	10	<3
4C 2	2	107	2	59	1.1	63	12	153	3.09	51	<2	9
4043	4	74	6	36	0.3	29	10	410	4.38	42	2	9
40^4	2	323	3	83	0.7	38	13	521	6.16	<2	<2	<3
4C 5	3	69	4	80	0.5	53	12	145	3.72	41	<2	3
4046	4	79	2	59	0.3	56	16	279	3.20	52	<2	4
4047	2	66	3	46	0.8	102	21	323	4.38	458	<2	<3
4C 8	4	10	22	32	0.8	26	7	109	1.28	20	2	19
4C 9	5	20	2	86	0.3	33	7	486	2.28	17	<2	10
4050	8	73	3	36	1.0	149	44	571	5.78	8	<2	<3
41'4	13	350	46	4268	2.1	123	93	475	9.07	67	7	<3
41 6	9	383	25	2078	1.5	94	77	557	9.26	20	8	<3
4168	7	414	25	1215	1.8	122	116	695	12.35	8	7	<3
4169	8	326	24	1454	1.7	150	156	557	14.97	26	4	<3
41 0	11	392	26	4384	2.1	146	143	396	13.17	33	9	<3
41,1	13	366	44	1785	1.6	127	92	453	9.16	45	8	<3
4174	15	274	30	10270	2.3	152	165	224	17.21	140	18	<3
41 6	8	157	36	898	1.1	63	36	278	2.36	16	5	<3
41 7	10	1273	104	5327	2.4	144	119	361	8.63	17	8	<3
4178	16	627	35	5061	2.8	178	198	101	19.57	32	18	<3
41-9	8	396	20	916	2.0	140	154	421	17.45	62	10	<3
41 0	10	510	12	2331	2.5	149	112	455	11.73	8	3	<3
4181	9	403	81	4452	1.7	104	75	377	6.04	17	5	<3
4182	16	871	28	10720	2.5	188	186	491	13.76	104	11	<3

LF-30

Per: Howard Latter

ORIGINAL

ACCURASSAY LABORATORIES
A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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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.

42232 **Certificate of Analysis**

Page: 1

Lou Chastko
Independent Expl. Services Ltd — June 10 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181733
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
284849	4214	<5	<0.002	
284850	4215	<5	<0.002	
84851	4216	35	<0.002	
84852	4217	26	<0.002	
284853	4218	13	<0.002	
84854	4219	31	<0.002	
84855	4220	9	<0.002	
284856	4221	8	<0.002	
284857	4222	16	<0.002	
84858	4223	5	<0.002	
284858	4223	<5	<0.002	Check
284859	4224	<5	<0.002	
84860	4225	<5	<0.002	
84861	4226	<5	<0.002	
284862	4227	<5	<0.002	
84863	4228	<5	<0.002	
84864	4229	<5	<0.002	
284865	4230	<5	<0.002	
284866	4231	<5	<0.002	
84867	4232	<5	<0.002	
84867	4232	11	<0.002	Check

LF-30

Per: [signature]

ORIGINAL

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.

42256 **Certificate of Analysis**

Lou Chatsko
Independent Exploration
P.O.Box 7, Stn.A
WINNIPEG, MAN
R3K 1Z9

June 12, 1991
W.O.# 181728,181733

Page #1

ELEMENT

SAMPLE #	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4952	4	59	4	42	0.2	60	3	300	6.97	38	2	<3
4953	3	96	8	58	0.5	35	7	305	4.52	28	<2	<3
4954	5	99	<2	42	0.6	109	26	530	10.45	16	5	<3
4955	4	126	6	45	0.8	98	16	508	13.50	31	3	<3
4165	10	289	25	2995	1.0	93	66	376	8.26	24	5	<3
4167	8	165	12	923	1.1	131	104	466	11.35	16	5	<3
4172	7	656	12	1448	1.1	97	72	647	10.15	7	<2	<3
4173	9	485	28	3987	1.3	96	59	438	7.07	33	7	<3
4175	9	598	14	4482	2.1	135	124	308	14.82	130	9	<3
4183	2	89	<2	62	0.4	27	3	605	6.89	57	2	<3
4184	3	13	<2	120	<0.1	17	1	253	2.34	19	<2	<3
4185	2	24	<2	44	<0.1	13	<1	354	9.46	5	<2	<3
4186	4	22	<2	172	<0.1	18	<1	3635	13.95	38	<2	<3
4187	6	141	10	227	0.1	50	8	543	7.37	20	4	<3
4188	15	153	5	155	0.2	83	33	1903	18.50	6	7	<3
4214	2	23	6	118	0.3	19	3	541	2.74	12	<2	<3
4215	4	9	<2	21	<0.1	7	<1	112	2.26	5	<2	<3
4216	9	147	11	111	1.4	86	39	405	9.56	37	4	<3
4217	4	85	11	81	1.0	45	15	358	4.95	26	<2	<3
4218	4	72	13	265	0.5	47	16	613	7.47	21	<2	<3
4219	4	133	2	96	0.8	49	24	748	6.31	36	<2	<3
4220	2	35	<2	52	0.5	28	13	609	4.64	41	2	<3
4221	3	80	<2	41	<0.1	78	16	621	4.09	13	5	<3
4222	5	55	12	87	1.3	42	14	252	4.43	36	5	<3
4223	4	94	<2	43	<0.1	116	34	665	5.19	12	5	<3
4224	8	64	8	60	<0.1	19	<1	274	6.49	45	<2	13
4225	2	7	<2	12	<0.1	11	1	92	1.38	7	2	5
4226	2	88	<2	213	<0.1	21	<1	633	10.18	55	2	<3
4227	3	83	2	132	<0.1	18	5	92	1.90	17	5	<3
4228	2	38	<2	39	<0.1	23	13	130	2.06	33	3	4
4229	5	14	7	56	<0.1	13	3	93	1.60	10	<2	7
4230	4	25	5	88	0.2	23	6	123	2.32	17	<2	<3
4231	1	154	4	28	<0.1	25	12	228	2.48	23	3	<3
4232	3	31	3	70	<0.1	17	2	407	2.66	94	3	<3

Per:

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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.

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Lou Chastko
Independent Expl. Services Ltd — June 12 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181735
Project :

SAMPLE NUMBERS		Gold	Gold	
ccurassay	Customer	ppb	Oz/T	
284868	4189	13	<0.002	
84869	4190	31	<0.002	
84870	4191	71	0.002	
284871	4192	16	<0.002	
284872	4193	14	<0.002	
84873	4194	32	<0.002	
84874	4195	17	<0.002	
284875	4196	22	<0.002	
84876	4197	11	<0.002	
84877	4198	36	<0.002	
284877	4198	33	<0.002	Check
84878	4233	<5	<0.002	
84879	4234	7	<0.002	
284880	4235	81	0.002	
284881	4236	14	<0.002	
84882	4237	6	<0.002	
84883	4238	<5	<0.002	
284884	4239	<5	<0.002	
84885	4240	<5	<0.002	
84886	4241	<5	<0.002	
284886	4241	<5	<0.002	Check
84887	4242	<5	<0.002	
84888	4243	<5	<0.002	
284889	4244	6	<0.002	
284890	4245	<5	<0.002	
84890	4245	<5	<0.002	Check

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Lou Chastko
Independent Expl. Services Ltd June 21 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181737
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
84922	4268	19	<0.002	
284923	4269	37	<0.002	
?84924	4270	24	<0.002	
84925	4271	7	<0.002	
284926	4272	8	<0.002	
284927	4273	11	<0.002	
84928	4274	10	<0.002	
84929	4275	10	<0.002	
284930	4276	15	<0.002	
?84930	4276	16	<0.002	Check

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Per: [signature]

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42378 Certificate of Analysis

Page: 1

Lou Chastko
Independent Expl. Services Ltd — June 21 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181737
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
284894	2251	7	<0.002	
284895	2252	7	<0.002	
34896	2253	6	<0.002	
34897	2254	12	<0.002	
284898	2255	8	<0.002	
34899	2256	8	<0.002	
34900	2257	6	<0.002	
284901	2258	8	<0.002	
284902	4056	14	<0.002	
34903	4199	15	<0.002	
284903	4199	12	<0.002	Check
284904	4200	13	<0.002	
34905	4251	17	<0.002	
84906	4252	26	<0.002	
284907	4253	13	<0.002	
284908	4254	6	<0.002	
84909	4255	7	<0.002	
284910	4256	16	<0.002	
284911	4257	9	<0.002	
84912	4258	6	<0.002	
84912	4258	8	<0.002	Check
284913	4259	<5	<0.002	
84914	4260	<5	<0.002	
84915	4261	<5	<0.002	
284916	4262	7	<0.002	
284917	4263	5	<0.002	
84918	4264	5	<0.002	
284919	4265	19	<0.002	
284920	4266	37	<0.002	
84921	4267	20	<0.002	
84921	4267	18	<0.002	Check

Per: Howard Lefeb[illegible]

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42396 **Certificate of Analysis**

Lou Chatsko
Independent Exploration
P.O.Box 7, Stn.A
WINNIPEG, MAN
R3K 1Z9

June 24, 1991
W.O.# 181735

Page #1

ELEMENT

SAMPLE #	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4189	4	72	12	215	0.1	30	18	425	6.99	69	5	<3
4190	5	49	15	70	0.7	12	25	1069	17.92	90	3	<3
4191	2	79	4	159	0.3	41	21	522	4.79	46	6	<3
4192	2	56	12	29	0.3	17	6	224	4.24	10	7	<3
4193	11	328	35	4355	1.2	102	94	740	8.46	20	12	<3
4194	9	1301	90	3385	1.5	73	74	976	6.05	29	14	<3
4195	12	249	11	3115	1.3	96	71	773	8.52	107	13	<3
4196	10	463	44	5201	1.2	103	79	769	8.16	21	15	<3
4197	9	418	30	9138	0.9	89	67	619	8.28	13	13	<3
4198	11	902	18	7022	2.3	233	180	517	15.29	101	15	<3
4233	2	203	2	101	0.4	44	25	270	2.14	42	7	7
4234	2	66	<2	189	0.1	71	22	639	4.20	143	10	<3
4235	4	37	<2	88	0.7	40	14	418	3.56	1751	13	<3
4236	3	33	17	292	1.9	22	18	282	2.94	43	13	<3
4237	6	40	10	122	1.1	23	11	740	4.19	7	9	<3
4238	15	71	4	98	0.7	29	13	404	6.62	17	10	<3
4239	4	32	5	315	0.7	23	11	95	3.43	25	4	5
4240	12	201	8	251	2.1	58	43	201	14.44	46	10	<3
4241	2	17	10	36	0.1	13	5	178	1.97	3	2	8
4242	5	646	2	2663	1.5	86	68	462	8.57	6	5	<3
4243	2	44	7	57	0.6	16	19	158	1.45	61	5	<3
4244	2	90	15	102	1.4	69	5	261	3.73	373	7	<3
4245	2	19	5	60	0.4	18	28	308	3.25	139	2	<3

LF-30

Per: Howard Latta

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Certificate of Analysis

Page: 1

Lou Chastko
Independent Expl. Services Ltd — June 27 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181741
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
285006	2267	<5	<0.002	
285007	2268	10	<0.002	
285008	4329	14	<0.002	
285009	4330	5	<0.002	
285010	4331	6	<0.002	
285011	4332	5	<0.002	
285012	4333	5	<0.002	
285013	4343	7	<0.002	
285014	4344	7	<0.002	
285015	4345	9	<0.002	
285015	4345	8	<0.002	Check
285016	4346	7	<0.002	
285017	4347	7	<0.002	
285018	4348	7	<0.002	
285019	4349	18	<0.002	
285020	4350	7	<0.002	
285020	4350	9	<0.002	Check

LF-30

Per:

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42446 **Certificate of Analysis**

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

June 27 91

Work Order # : 181739
Project :

SAMPLE NUMBERS		Gold	Gold	
Accurassay	Customer	ppb	Oz/T	
284997	4325	6	<0.002	
284998	4326	8	<0.002	
284999	4327	9	<0.002	
285000	4328	9	<0.002	
285000	4328	10	<0.002	Check

LF-30

Per: [signature]

ORIGINAL

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42445 # Certificate of Analysis

Page: 2

Lou Chastko
Independent Expl. Services Ltd — June 27 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181739
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
284969	4292	<5	<0.002	
284970	4293	9	<0.002	
84971	4294	10	<0.002	
84972	4295	7	<0.002	
284973	4301	5	<0.002	
84974	4302	6	<0.002	
84975	4303	<5	<0.002	
284976	4304	<5	<0.002	
284977	4305	<5	<0.002	
84977	4305	<5	<0.002	Check
284978	4306	<5	<0.002	
284979	4307	<5	<0.002	
84980	4308	<5	<0.002	
84981	4309	5	<0.002	
284982	4310	7	<0.002	
284983	4311	<5	<0.002	
84984	4312	<5	<0.002	
284985	4313	<5	<0.002	
284986	4314	<5	<0.002	
84986	4314	<5	<0.002	Check
84987	4315	<5	<0.002	
284988	4316	<5	<0.002	
84989	4317	24	<0.002	
84990	4318	<5	<0.002	
284991	4319	<5	<0.002	
284992	4320	5	<0.002	
84993	4321	<5	<0.002	
84994	4322	<5	<0.002	
284995	4323	<5	<0.002	
84995	4323	5	<0.002	Check
84996	4324	6	<0.002	

LF-30

Per: [signature]

ORIGINAL

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42444 **Certificate of Analysis**

Page: 1

Lou Chastko
Independent Expl. Services Ltd — June 27 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181739
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
284941	2259	6	<0.002	
284942	2260	5	<0.002	
84943	2261	5	<0.002	
84944	2262	5	<0.002	
284945	2263	7	<0.002	
84946	2264	9	<0.002	
84947	2265	10	<0.002	
284948	2266	14	<0.002	
284949	4246	9	<0.002	
84950	4247	9	<0.002	
284950	4247	11	<0.002	Check
284951	4248	7	<0.002	
84952	4249	<5	<0.002	
84953	4250	5	<0.002	
284954	4277	10	<0.002	
84955	4278	14	<0.002	
84956	4279	9	<0.002	
284957	4280	34	<0.002	
284958	4281	13	<0.002	
84959	4282	11	<0.002	
84959	4282	16	<0.002	Check
284960	4283	8	<0.002	
84961	4284	37	<0.002	
84962	4285	6	<0.002	
284963	4286	6	<0.002	
84964	4287	15	<0.002	
84965	4288	5	<0.002	
284966	4289	7	<0.002	
284967	4290	7	<0.002	
84968	4291	6	<0.002	
84968	4291	7	<0.002	Check

Per: [signature]

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42513 **Certificate of Analysis**

Lou Chastko
Independent Expl. Services Ltd July 5 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181744
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
85099	2297	38	<0.002	
285100	2298	16	<0.002	
285101	2299	65	0.002	
85102	2300	14	<0.002	
85103	4296	13	<0.002	
285104	4297	14	<0.002	
85105	4298	15	<0.002	
85106	4334	8	<0.002	
285107	4335	8	<0.002	
85107	4335	8	<0.002	Check
85108	4336	7	<0.002	
85109	4337	8	<0.002	
285110	4338	14	<0.002	
85111	4339	8	<0.002	
85112	4340	8	<0.002	
285113	4341	7	<0.002	
85114	4342	6	<0.002	
85115	4351	7	<0.002	
285116	4352	8	<0.002	
85116	4352	8	<0.002	Check
85117	4353	8	<0.002	
85118	4354	9	<0.002	
285119	4355	7	<0.002	
85119	4355	9	<0.002	Check

LF-30

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Page: 1

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

July 5 91

Work Order # : 181744
Project :

SAMPLE NUMBERS ccurassay	Customer	Gold ppb	Gold Oz/T	
285071	2269	10	<0.002	
85072	2270	13	<0.002	
85073	2271	<5	<0.002	
285074	2272	5	<0.002	
285075	2273	7	<0.002	
85076	2274	9	<0.002	
85077	2275	11	<0.002	
285078	2276	8	<0.002	
85079	2277	11	<0.002	
85080	2278	29	<0.002	
285080	2278	18	<0.002	Check
85081	2279	13	<0.002	
85082	2280	10	<0.002	
285083	2281	13	<0.002	
285084	2282	13	<0.002	
85085	2283	18	<0.002	
85086	2284	17	<0.002	
285087	2285	21	<0.002	
85088	2286	11	<0.002	
85089	2287	16	<0.002	
285089	2287	18	<0.002	Check
285090	2288	15	<0.002	
85091	2289	16	<0.002	
285092	2290	19	<0.002	
285093	2291	19	<0.002	
85094	2292	19	<0.002	
85095	2293	15	<0.002	
285096	2294	14	<0.002	
85097	2295	22	<0.002	
85098	2296	17	<0.002	
285098	2296	21	<0.002	Check

LF-30

Per:

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42519 **Certificate of Analysis**

Lou Chatsko
Independent Exploration
P.O.Box 7, Stn. A
WINNIPEG, MANITOBA
R3K 1Z9

Page #3

July 05, 1991

W.O.#: 181739-741

ELEMENT

SAMPLE #	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4329	4	40	14	67	0.3	34	17	335	3.36	7	5	3
4330	16	35	18	60	0.4	18	9	324	2.34	2	4	6
4331	4	28	17	86	0.8	53	22	518	3.96	14	5	<3
4332	4	29	14	29	0.4	34	15	512	3.07	11	4	3
4333	6	24	10	27	0.3	15	7	425	3.21	15	4	4
4343	3	33	21	121	1.1	25	15	244	2.48	37	5	<3
4344	3	29	29	125	<0.1	19	12	283	2.45	2	<2	15
4345	2	21	26	112	0.4	14	12	265	2.94	7	<2	<3
4346	4	25	17	61	0.5	16	8	171	2.80	12	<2	<3
4347	5	74	16	220	1.5	38	26	242	7.49	55	9	<3
4348	6	36	2	45	0.7	17	4	29	5.95	6	<2	<3
4349	7	24	<2	36	1.5	19	7	32	6.61	51	<2	<3
4350	5	55	2	77	0.5	19	8	97	6.17	49	<2	<3

LF-30

Per: [signature]

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42518 **Certificate of Analysis**

Lou Chatsko
Independent Exploration
P.O.Box 7, Stn. A
WINNIPEG, MANITOBA
R3K 1Z9

Page #2

July 05, 1991

W.O.#: 181739-741

ELEMENT

SAMPLE #	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4302	3	18	12	65	0.3	56	18	188	3.38	17	7	<3
4303	3	24	10	37	0.1	32	9	172	2.72	5	4	<3
4304	2	30	5	29	<0.1	14	2	118	3.69	<2	2	<3
4305	2	53	8	42	<0.1	36	15	124	2.11	<2	4	<3
4306	213	10	16	4	0.1	14	6	55	1.32	4	3	12
4307	6	20	8	66	<0.1	32	12	276	2.76	<2	5	<3
4308	2	21	3	83	<0.1	29	14	365	3.34	4	4	<3
4309	3	32	15	86	<0.1	34	15	494	3.68	4	4	<3
4310	3	95	17	28	0.8	49	16	121	1.59	48	3	<3
4311	5	159	8	68	1.3	64	46	110	9.97	17	6	<3
4312	11	54	15	63	<0.1	12	6	349	2.49	<2	<2	4
4313	3	82	2	103	0.5	60	13	920	6.73	8	5	<3
4314	2	37	4	70	0.1	33	14	324	3.45	6	6	<3
4315	3	39	5	85	0.2	16	9	642	7.70	14	<2	<3
4316	2	33	13	215	0.7	16	7	280	2.21	23	4	<3
4317	5	47	13	300	0.6	43	19	415	2.89	9	3	<3
4318	3	11	6	60	<0.1	15	7	151	1.48	5	3	<3
4319	2	35	13	50	1.0	21	12	320	2.53	13	4	<3
4320	3	34	15	208	1.1	19	9	211	1.83	32	3	<3
4321	3	65	6	63	0.4	112	32	201	4.22	226	6	<3
4322	2	17	7	34	<0.1	9	2	116	2.14	6	2	<3
4323	2	7	10	14	0.3	7	3	79	0.65	<2	2	7
4324	2	18	9	35	0.1	7	2	106	2.02	2	<2	<3
4325	2	67	20	109	0.9	70	18	611	2.99	39	12	<3
4326	3	33	18	63	0.8	17	9	250	2.71	34	8	<3
4327	4	32	2	45	0.6	31	11	296	6.68	4	2	<3
4328	2	29	5	44	<0.1	20	6	178	1.92	2	<2	<3
2267	3	25	28	85	0.4	27	16	90	1.84	3	<2	11
2268	2	277	16	110	0.8	60	51	350	7.63	76	7	<3

Per: [illegible]

LF-30

ORIGINAL

ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
BOX 426
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42515 **Certificate of Analysis**

Lou Chatsko
Independent Exploration
P.O.Box 7, Stn. A
WINNIPEG, MANITOBA
R3K 1Z9

Page #1

July 05, 1991

W.O.#: 181739-741

ELEMENT

SAMPLE #	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
2259	2	59	8	83	<0.1	31	8	422	3.45	13	2	<3
2260	2	27	5	116	<0.1	30	16	510	3.28	21	4	<3
2261	1	13	8	17	<0.1	11	5	100	1.11	5	<2	5
2262	1	6	7	6	<0.1	8	3	84	0.64	10	<2	<3
2263	4	50	17	191	0.1	25	12	321	1.90	4	<2	<3
2264	2	15	14	51	<0.1	8	3	294	1.59	5	3	<3
2265	5	359	<2	3775	1.1	45	38	246	8.61	10	<2	<3
2266	1	22	4	139	<0.1	6	1	149	1.55	<2	<2	<3
4246	2	21	5	83	0.1	15	4	474	4.55	13	2	<3
4247	3	20	4	58	0.4	50	11	210	2.05	10	2	<3
4248	4	47	<2	611	0.3	49	11	283	8.36	<2	<2	<3
4249	2	26	8	50	0.5	24	10	283	2.25	21	<2	<3
4250	2	14	2	95	<0.1	13	4	176	2.66	<2	<2	<3
4277	5	378	12	2771	0.8	155	148	441	15.81	5	6	<3
4278	10	322	33	5211	1.3	239	260	449	22.54	46	10	<3
4279	9	645	37	3384	0.9	141	131	371	15.04	17	2	<3
4280	9	2608	55	4405	1.6	130	112	277	12.42	23	2	<3
4281	10	217	46	434	3.3	434	468	245	24.77	25	15	14
4282	12	624	35	20928	2.2	265	295	422	21.08	402	19	<3
4283	8	648	27	5867	1.3	136	121	555	13.21	24	4	<3
4284	8	961	36	5636	1.2	149	142	670	14.67	29	9	<3
4285	7	159	21	270	1.0	59	59	1162	19.83	25	7	7
4286	8	154	31	4367	0.9	72	90	2536	24.63	24	17	20
4287	6	124	12	504	0.3	52	47	1489	17.35	30	7	<3
4288	2	24	6	78	<0.1	23	9	1018	3.69	6	<2	<3
4289	9	183	35	1037	1.6	65	82	1695	23.39	17	17	12
4290	3	60	4	111	0.5	33	20	1213	9.9	9	2	<3
4291	5	67	2	68	0.3	37	27	606	12.44	43	<2	<3
4292	5	53	<2	51	<0.1	29	15	252	7.17	<2	<2	<3
4293	7	137	13	304	1.0	63	62	281	18.84	62	6	3
4294	4	75	2	4295	0.4	56	49	1487	14.55	66	6	<3
4295	7	112	7	911	0.2	59	52	526	16.44	152	5	<3

LF-30

Per:

ORIGINAL

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A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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42626 **Certificate of Analysis**

Lou Chatsko
Independent Exploration
P.O.Box 7, Stn. A
WINNIPEG, MANITOBA
R3K 1Z9

Page #2
July 16,1991
W.O.#:181744

ELEMENT

SAMPLE #	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4296	5	397	30	1757	2.3	81	66	175	8.53	27	10	6
4297	7	378	29	1922	2.9	105	94	184	13.29	132	12	4
4298	8	633	28	3127	3.1	102	91	149	13.42	63	10	6
4334	4	56	11	129	1.0	38	31	297	4.16	10	8	2
4335	4	40	12	55	0.9	20	13	273	2.12	7	5	15
4336	3	61	19	149	1.3	63	23	509	3.24	28	5	21
4337	2	33	3	117	0.1	32	8	662	4.55	227	9	2
4338	3	50	1	84	0.1	30	13	481	3.81	128	8	2
4339	4	45	2	147	0.1	54	26	839	5.41	16	10	2
4340	18	24	15	26	0.5	27	17	178	5.10	12	4	2
4341	5	32	8	30	1.2	37	30	89	10.51	6	5	2
4342	6	12	6	47	0.1	17	8	54	1.66	5	2	6
4351	2	16	4	168	0.1	21	11	116	1.76	8	4	3
4352	3	24	1	43	0.1	30	16	276	3.42	13	4	2
4353	3	16	2	6	0.1	21	11	46	0.85	11	2	2
4354	4	35	6	104	0.1	18	11	422	3.22	7	4	2
4355	4	19	1	20	0.1	41	23	487	2.04	7	8	2

LF-30

Per: [signature]

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42624 **Certificate of Analysis**

Lou Chatsko
Independent Exploration
P.O.Box 7, Stn. A
WINNIPEG, MANITOBA
R3K 1Z9

Page #1
July 16,1991
W.O.#181744

ELEMENT

SAMPLE #	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
2269	1	25	1	33	0.1	23	7	308	3.78	6	2	2
2270	1	43	1	63	0.1	37	15	510	8.34	24	2	2
2271	1	15	1	23	0.1	19	10	172	1.76	24	2	2
2272	2	9	1	8	0.1	19	10	103	0.9	46	2	2
2273	2	16	3	11	0.1	29	14	158	1.64	24	2	2
2274	2	52	1	92	0.5	82	43	472	6.07	109	2	2
2275	3	66	3	104	1.5	101	61	586	8.42	15	5	2
2276	2	69	8	98	0.6	71	37	521	5.28	64	4	2
2277	3	98	21	118	0.6	115	58	477	6.36	110	8	19
2278	4	86	23	116	0.8	87	44	575	6.71	62	10	19
2279	2	120	5	116	0.6	130	67	501	6.92	167	7	2
2280	3	100	11	123	0.5	108	52	585	6.36	97	6	2
2281	3	187	15	220	1.1	139	60	511	8.20	181	9	2
2282	3	197	9	319	1.0	187	96	350	10.39	1542	7	2
2283	1	51	1	57	0.4	47	20	492	7.64	39	2	2
2284	3	169	15	125	2.9	98	68	509	23.19	62	10	11
2285	3	128	21	133	3.9	85	62	714	23.22	35	15	19
2286	2	100	3	113	1.2	64	46	602	17.47	114	5	2
2287	1	91	1	90	0.1	55	40	549	16.18	52	2	2
2288	1	79	1	68	0.1	56	30	343	13.96	8	2	2
2289	3	104	15	441	2.2	57	65	282	21.69	43	13	15
2290	4	178	19	179	2.2	56	60	357	19.67	106	10	3
2291	5	105	20	151	3.0	69	74	344	23.01	46	13	8
2292	3	115	17	298	2.7	59	66	225	21.55	10	13	3
2293	6	567	26	2959	2.0	117	108	99	15.50	73	8	2
2294	3	171	11	1623	0.1	61	48	223	6.72	41	3	2
2295	4	324	6	1511	0.1	70	61	545	9.93	32	2	2
2296	4	557	155	4427	0.8	92	81	627	12.52	69	5	2
2297	3	298	9	557	0.1	103	89	548	10.62	12	2	2
2298	6	624	13	5276	0.9	96	87	148	13.70	21	5	2
2299	6	502	24	2684	0.9	88	85	154	12.21	112	3	2
2300	6	491	34	4564	2.4	119	109	112	15.48	54	10	2

Per: [signature]

LF-30

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42668

Certificate of Analysis

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

July 22 91

Work Order # : 181758
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
285611	4370	<5	<0.002	
85612	4371	<5	<0.002	
85613	4372	<5	<0.002	
285613	4372	<5	<0.002	Check

LF-30

Per: [signature]

ORIGINAL

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42667

Certificate of Analysis

Page: 2

Lou Chastko
Independent Expl. Services Ltd — July 22 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181758
Project :

SAMPLE NUMBERS ccurassay	Customer	Gold ppb	Gold Oz/T	
285583	4086	9	<0.002	
85584	4087	<5	<0.002	
85585	4088	<5	<0.002	
285586	4089	<5	<0.002	
285587	4090	<5	<0.002	
85588	4091	<5	<0.002	
85589	4092	<5	<0.002	
285590	4093	131	0.004	
85591	4094	<5	<0.002	
85591	4094	<5	<0.002	Check
285592	4095	5	<0.002	
285593	4096	<5	<0.002	
85594	4097	<5	<0.002	
85595	4098	101	0.003	
285596	4099	118	0.003	
85597	4356	<5	<0.002	
85598	4357	<5	<0.002	
285599	4358	<5	<0.002	
285600	4359	<5	<0.002	
85600	4359	<5	<0.002	Check
285601	4360	<5	<0.002	
285602	4361	5	<0.002	
85603	4362	<5	<0.002	
85604	4363	<5	<0.002	
285605	4364	6	<0.002	
85606	4365	<5	<0.002	
85607	4366	18	<0.002	
285608	4367	6	<0.002	
285609	4368	<5	<0.002	
85609	4368	<5	<0.002	Check
285610	4369	<5	<0.002	

Per: [illegible signature]

LF-30

ORIGINAL

ACCURASSAY LABORATORIES
A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
BOX 426
KIRKLAND LAKE, ONTARIO, CANADA P2N 3J1
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42666

Certificate of Analysis

Page: 1

Lou Chastko
Independent Expl. Services Ltd July 22 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181758
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
285555	4058	<5	<0.002	
285556	4059	<5	<0.002	
85557	4060	<5	<0.002	
_85558	4061	<5	<0.002	
285559	4062	<5	<0.002	
85560	4063	<5	<0.002	
85561	4064	<5	<0.002	
285562	4065	13	<0.002	
285563	4066	<5	<0.002	
85564	4067	<5	<0.002	
285564	4067	<5	<0.002	Check
285565	4068	<5	<0.002	
85566	4069	5	<0.002	
85567	4070	50	<0.002	
285568	4071	5	<0.002	
285569	4072	7	<0.002	
85570	4073	6	<0.002	
285571	4074	<5	<0.002	
285572	4075	<5	<0.002	
85573	4076	<5	<0.002	
285573	4076	62	0.002	Check
285574	4077	69	0.002	
285575	4078	60	0.002	
85576	4079	<5	<0.002	
285577	4080	5	<0.002	
285578	4081	<5	<0.002	
85579	4082	<5	<0.002	
285580	4083	<5	<0.002	
285581	4084	<5	<0.002	
85582	4085	5	<0.002	
285582	4085	<5	<0.002	Check

LF-30

Per: [signature]

ORIGINAL

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42680 **Certificate of Analysis**

Lou Chatsko
Independent Exploration
P.O.Box 7, Stn.A
WINNIPEG, MAN
R3K 1Z9

July 23, 1991
W.O.# 181737

Page #1

SAMPLE #	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
2251	2	10	11	6	0.1	18	8	110	0.73	81	11	<3
2252	3	41	<2	59	0.1	23	2	301	5.60	40	7	3
2253	2	7	11	12	0.1	10	3	85	0.86	8	8	<3
2254	17	34	<2	73	0.6	38	10	1408	10.16	2	7	<3
2255	5	81	12	72	1.4	63	42	384	16.26	16	12	<3
2256	3	19	7	118	0.4	22	2	878	4.16	8	9	<3
2257	6	32	6	26	0.1	25	8	72	3.03	7	8	<3
2258	5	24	8	59	0.1	23	2	163	5.70	11	3	<3
4056	2	93	3	70	0.4	23	3	218	5.79	51	7	<3
4199	7	1349	34	7216	1.8	78	47	450	7.62	17	12	<3
4200	9	1570	26	4975	1.7	84	52	436	8.48	33	8	<3
4251	6	4864	26	3687	3.9	129	100	473	14.09	29	8	<3
4252	7	4221	34	3167	4.0	137	107	490	14.98	67	12	<3
4253	9	506	30	2344	3.0	201	166	741	17.39	40	13	<3
4254	8	1208	3	3450	1.5	134	97	140	11.51	5	9	<3
4255	8	1131	19	2992	1.9	141	102	296	12.16	25	8	<3
4256	9	822	10	6246	2.6	269	216	149	17.00	4	15	<3
4257	9	1291	11	1601	3.1	225	182	193	18.32	39	14	<3
4258	10	528	10	9551	1.3	128	93	418	9.76	15	10	<3
4259	9	280	<2	9319	0.9	121	86	321	10.65	2	11	<3
4260	8	507	<2	4804	0.7	125	86	333	11.67	10	10	<3
4261	4	461	20	1605	0.9	86	49	238	6.65	4	9	<3
4262	4	474	9	2879	0.8	92	52	283	6.65	3	7	<3
4263	4	588	8	1800	1.1	114	66	392	8.30	3	10	<3
4264	4	620	13	3301	1.0	110	66	182	8.36	4	5	<3
4265	5	482	24	1859	1.4	119	78	230	9.91	72	9	<3
4266	6	730	22	4255	1.6	143	94	233	11.57	29	13	<3
4267	4	162	10	1120	0.5	60	34	325	4.49	44	9	<3
4268	3	163	9	899	0.3	46	26	286	3.35	49	7	<3
4269	6	1635	23	2601	2.8	166	110	181	12.80	16	9	<3
4270	4	6066	15	2377	2.5	80	49	252	6.82	40	7	<3
4271	9	826	7	6049	1.1	128	90	328	10.46	51	8	<3
4272	7	244	17	3315	0.4	68	49	303	6.31	117	9	<3
4273	8	631	6	6274	1.4	145	103	251	11.89	4	7	<3
4274	4	703	73	1950	2.3	114	82	233	10.40	55	7	<3
4275	9	383	8	5489	1.3	125	86	355	10.14	2	10	<3
4276	8	433	6	6615	2.0	203	154	122	14.62	4	12	<3

LF-30

Per: [signature]

ORIGINAL

ACCURASSAY LABORATORIES
A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
BOX 426
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TEL.: (705) 567-3361
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40681

Certificate of Analysis

Independent Exploration Serv. July 26 91
P.O.Box 7, Postal Station A
Winnipeg, Manitoba
R3K-1Z9

Work Order # : 181763
Project :

SAMPLE NUMBERS		Gold	Gold	
Accurassay	Customer	ppb	Oz/T	
285690	4373	<5	<0.001	
285691	4380	<5	<0.001	
285692	4381	<5	<0.001	
285693	4382	<5	<0.001	
285694	4383	<5	<0.001	
285695	4384	<5	<0.001	
285696	4385	<5	<0.001	
285697	4386	<5	<0.001	
285698	4401	<5	<0.001	
285699	4402	10	<0.001	
285699	4402	<5	<0.001	Check
285700	4403	<5	<0.001	
285701	4404	<5	<0.001	
285702	4405	<5	<0.001	
285703	4406	<5	<0.001	
285704	4407	<5	<0.001	
285705	4408	<5	<0.001	
285706	4409	<5	<0.001	
285707	4410	<5	<0.001	
285708	4411	<5	<0.001	
285708	4411	5	<0.001	Check

LF-30

Per: Harvel Roberts

ORIGINAL

ACCURASSAY LABORATORIES

A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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42729 **Certificate of Analysis**

Lou Chatsko — Page #2
Independent Exploration
P.O.Box 7, Stn. A — July 29, 1991
WINNIPEG, MANITOBA
R3K 1Z9 — W.O.#:181758

ELEMENT

SAMPLE #	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4090	4	121	13	107	0.1	58	36	369	12.12	11	2	2
4091	4	128	12	298	0.1	72	46	556	13.30	32	2	2
4092	6	161	31	269	0.3	79	60	369	15.72	41	2	2
4093	4	83	14	1432	0.5	63	43	589	7.76	62	4	2
4094	9	173	37	133	1.1	89	71	380	19.25	37	9	9
4095	6	166	19	266	0.3	67	48	455	14.83	37	3	2
4096	6	169	30	436	0.1	76	56	458	15.99	79	4	2
4097	7	146	17	204	0.6	75	54	425	16.25	48	2	2
4098	5	161	24	580	1.1	117	225	724	11.14	12969	4	2
4099	5	179	25	439	0.9	127	225	587	10.91	12926	2	2
4356	2	10	4	39	0.1	9	5	434	1.89	114	2	2
4357	6	22	14	31	0.1	16	8	332	3.24	17	2	2
4358	1	6	3	24	0.1	6	3	116	0.97	2	2	2
4359	1	27	1	72	0.1	18	11	312	2.52	6	2	2
4360	1	24	6	48	0.1	18	15	178	2.29	3	2	2
4361	1	117	1	35	0.3	13	12	186	2.20	5	2	2
4362	40	24	1	45	0.1	7	2	182	4.14	9	2	2
4363	13	26	7	48	0.1	16	6	290	5.92	7	2	2
4364	3	17	12	64	0.2	10	5	227	2.98	11	2	7
4365	2	32	12	44	0.3	12	5	350	3.60	7	7	2
4366	3	64	123	117	0.6	14	7	438	3.17	9	2	19
4367	3	70	17	26	0.2	40	18	175	1.64	13	4	6
4368	3	22	11	70	0.1	17	8	150	2.18	8	3	2
4369	101	263	25	492	1.0	50	30	346	4.65	12	6	4
4370	10	240	27	444	0.9	81	49	522	5.76	10	2	2
4371	2	37	4	91	0.1	64	21	157	3.56	9	2	2
4372	3	58	12	98	0.1	18	5	145	6.09	10	4	2

Per:

LF-30

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42728 **Certificate of Analysis**

Lou Chatsko Page #1
Independent Exploration
P.O.Box 7, Stn. A July 29, 1991
WINNIPEG, MANITOBA
R3K 1Z9 W.O.#181758

ELEMENT

SAMPLE #	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4058	7	63	25	92	0.3	31	46	154	18.38	66	3	2
4059	6	60	21	76	0.2	29	41	175	16.32	14	2	2
4060	5	57	17	93	0.3	31	43	171	16.00	29	2	2
4061	3	39	9	78	0.1	21	21	189	10.58	19	2	2
4062	6	58	24	86	0.3	28	47	220	16.90	35	3	2
4063	5	62	16	99	0.1	32	40	246	15.04	13	2	2
4064	6	64	29	87	0.2	34	51	198	17.73	44	2	2
4065	3	48	8	93	0.1	30	32	236	12.17	25	2	2
4066	3	27	10	301	0.3	27	14	642	4.47	7	2	2
4067	2	32	1	40	0.2	29	14	76	4.69	2	2	2
4068	4	61	13	356	0.6	39	29	184	12.92	13	2	2
4069	8	110	46	110	0.7	67	78	101	21.51	33	11	19
4070	7	110	41	668	0.8	62	71	203	20.69	74	9	19
4071	11	167	69	3810	1.1	117	128	1168	26.62	28	15	41
4072	8	105	40	370	0.9	61	67	373	19.18	83	7	21
4073	7	131	29	298	0.5	55	50	390	16.10	69	4	8
4074	6	60	23	244	0.4	40	33	722	14.07	14	2	3
4075	5	63	19	145	0.4	41	26	512	10.37	6	2	2
4076	4	36	14	171	0.1	28	13	552	5.56	7	3	5
4077	5	176	30	533	0.5	97	150	671	11.43	7390	2	2
4078	3	192	25	657	0.3	73	106	693	9.59	3748	2	2
4079	9	150	18	63	0.7	54	38	181	9.73	114	2	2
4080	6	290	20	249	1.5	61	46	234	12.19	40	3	2
4081	26	169	24	142	0.9	67	53	206	13.61	26	2	2
4082	4	46	14	283	0.2	24	10	261	3.01	6	2	5
4083	12	161	16	397	0.8	52	37	164	10.63	6	4	10
4084	3	221	8	195	0.1	43	29	157	9.34	2	2	2
4085	7	165	36	153	0.4	78	63	284	17.14	22	3	16
4086	6	150	31	156	0.5	87	63	267	15.89	49	2	15
4087	9	247	48	107	0.5	97	88	437	21.35	21	12	26
4088	6	125	23	349	0.1	53	31	544	12.39	10	2	2
4089	4	117	17	181	0.1	64	38	395	12.38	13	2	2

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Lou Chatsko
Independent Exploration Services Ltd.
P.O.Box 7, Stn.A
WINNIPEG, MAN
R3K 1Z9

August 02, 1991

W.O.#: 181763

SAMPLES	ELEMENT MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM
4373	2	10	12	57	<0.1	9	4	159	1.54	4	4
4380	8	237	42	64	1.5	139	215	102	21.53	21	3
4381	2	258	11	21	0.3	36	35	200	5.51	4	3
4382	2	22	5	9	<0.1	16	7	114	1.86	7	5
4383	5	34	13	38	<0.1	23	11	532	4.77	6	<2
4384	2	33	11	29	<0.1	9	5	80	3.17	3	4
4385	1	30	12	14	<0.1	10	3	43	2.39	8	3
4386	3	45	12	144	0.2	55	3	162	6.02	10	5
4401	3	59	15	117	0.5	39	20	444	7.90	17	2
4402	5	128	27	843	1.5	56	33	941	12.90	31	2
4403	6	122	25	149	0.8	58	35	517	12.27	19	5
4404	6	103	24	82	0.6	56	36	176	13.09	9	<2
4405	7	140	33	165	1.7	81	56	558	16.48	31	6
4406	5	160	23	614	1.1	54	31	1202	11.72	25	6
4407	9	236	70	339	4.1	111	104	168	25.78	150	6
4408	4	71	17	183	0.6	45	20	626	8.08	12	7
4409	7	201	43	100	2.3	98	75	250	19.46	115	2
4410	5	154	23	149	1.2	68	44	715	12.88	26	4
4411	5	41	10	1171	0.4	51	26	1023	5.50	7	3

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Per: [signature]

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Certificate of Analysis

Page: 2

Lou Chastko
Independent Expl. Services Ltd   August 6   91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181771
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
286014	4428	12	<0.002	
286015	4429	10	<0.002	
286016	4430	11	<0.002	
286017	4431	11	<0.002	
286018	4432	6	<0.002	
286019	4433	5	<0.002	
286020	4434	<5	<0.002	
286020	4434	<5	<0.002	Check

LF-30

Per: [signature]

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ACCURASSAY LABORATORIES
A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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Lou Chastko
Independent Expl. Services Ltd — August 6 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181771
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
85986	4374	5	<0.002	
285987	4375	<5	<0.002	
85988	4376	8	<0.002	
85989	4377	<5	<0.002	
285990	4378	<5	<0.002	
85991	4379	<5	<0.002	
85992	4387	<5	<0.002	
85993	4388	<5	<0.002	
285994	4389	<5	<0.002	
85995	4390	<5	<0.002	
85995	4390	<5	<0.002	Check
285996	4391	<5	<0.002	
85997	4392	5	<0.002	
85998	4412	<5	<0.002	
285999	4413	7	<0.002	
86000	4414	<5	<0.002	
86001	4415	6	<0.002	
86002	4416	11	<0.002	
286003	4417	17	<0.002	
86004	4418	14	<0.002	
86004	4418	15	<0.002	Check
286005	4419	31	<0.002	
86006	4420	21	<0.002	
86007	4421	12	<0.002	
286008	4422	18	<0.002	
286009	4423	19	<0.002	
86010	4424	7	<0.002	
86011	4425	<5	<0.002	
286012	4426	8	<0.002	
86013	4427	<5	<0.002	
86013	4427	<5	<0.002	Check

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Per:

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ACCURASSAY LABORATORIES
A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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Certificate of Analysis

Page: 2

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

August 6 91

Work Order # : 181771A
Project :

SAMPLE NUMBERS ccurassay	Customer	Gold ppb	Gold Oz/T	
286049	4463	13	<0.002	
^86050	4464	11	<0.002	
86051	4465	12	<0.002	
286052	4466	11	<0.002	
286053	4467	9	<0.002	
86054	4468	13	<0.002	
_86055	4469	10	<0.002	
286055	4469	8	<0.002	Check

LF-30

Per: [signature]

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ACCURASSAY LABORATORIES
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42850 **Certificate of Analysis**

Page: 1

Lou Chastko
Independent Expl. Services Ltd — August 6 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181771A
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
286021	4435	15	<0.002	
286022	4436	15	<0.002	
86023	4437	16	<0.002	
_86024	4438	18	<0.002	
286025	4439	14	<0.002	
86026	4440	14	<0.002	
86027	4441	15	<0.002	
286028	4442	19	<0.002	
286029	4443	14	<0.002	
86030	4444	17	<0.002	
286030	4444	16	<0.002	Check
286031	4445	17	<0.002	
86032	4446	17	<0.002	
86033	4447	18	<0.002	
286034	4448	17	<0.002	
286035	4449	18	<0.002	
86036	4450	33	<0.002	
286037	4451	15	<0.002	
286038	4452	14	<0.002	
86039	4453	15	<0.002	
_86039	4453	18	<0.002	Check
286040	4454	14	<0.002	
86041	4455	15	<0.002	
86042	4456	18	<0.002	
286043	4457	13	<0.002	
286044	4458	14	<0.002	
86045	4459	15	<0.002	
286046	4460	13	<0.002	
286047	4461	14	<0.002	
86048	4462	13	<0.002	
86048	4462	10	<0.002	Check

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Per: [signature]

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ACCURASSAY LABORATORIES

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Lou Chatsko
Independent Exploration Services Ltd.
P.O.Box 7, Stn.A
WINNIPEG, MAN
R3K 1Z9

August 07, 1991

W.O.#: 181771A

	ELEMENT											
SAMPLES	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4435	8	229	25	4501	1.0	98	71	302	9.04	233	16	<3
4436	6	368	16	5048	0.9	98	68	715	11.64	95	7	7
4437	9	454	23	3718	1.8	167	118	299	18.21	82	11	8
4438	8	1550	20	3573	1.5	251	175	295	19.22	28	5	<3
4439	33	569	11	1070	0.7	132	87	739	14.74	34	4	<3
4440	6	438	7	1331	0.3	112	76	324	11.79	22	7	3
4441	7	444	21	1529	1.4	130	89	445	13.86	19	7	4
4442	9	292	42	1086	2.3	164	120	492	16.61	97	8	3
4443	7	430	10	871	0.8	90	59	487	7.79	29	7	8
4444	9	665	16	4729	0.6	127	89	270	14.28	50	11	<3
4445	9	460	12	2752	0.8	144	94	240	11.65	4	4	3
4446	9	510	22	4595	1.5	167	121	419	15.90	49	2	3
4447	7	705	70	1533	4.4	159	120	472	18.36	39	2	<3
4448	9	538	18	3677	1.5	125	89	282	12.81	10	9	3
4449	11	384	18	3215	1.3	118	79	314	12.53	5	6	4
4450	10	459	20	3441	2.2	156	109	256	15.54	12	5	3
4451	6	417	13	2511	1.2	95	80	309	12.10	4	3	11
4452	7	319	14	4088	0.9	102	85	290	12.78	11	2	<3
4453	7	429	12	2659	1.3	118	96	247	14.49	9	7	3
4454	9	610	22	4432	1.7	147	126	394	18.40	11	7	<3
4455	8	610	29	4172	2.3	123	102	435	15.88	49	10	7
4456	11	732	29	4676	2.6	149	130	536	19.26	23	15	8
4457	11	521	24	4561	2.5	149	131	388	18.75	24	15	5
4458	11	676	29	4887	2.5	156	138	411	19.56	48	15	5
4459	12	808	30	4382	3.0	156	139	556	19.88	59	14	8
4460	9	584	24	2461	2.2	116	94	287	15.14	22	8	3
4461	12	1607	29	5322	3.1	143	123	406	18.84	23	12	<3
4462	12	962	33	7165	2.2	137	113	533	16.72	42	20	<3
4463	4	49	9	218	0.9	23	21	473	9.65	6	5	<3
4464	4	37	13	110	1.1	20	21	229	10.30	12	6	<3
4465	3	51	14	146	1.6	22	23	237	12.85	6	2	3
4466	5	79	19	222	2.4	28	46	221	18.52	9	5	<3
4467	3	60	10	171	2.1	23	33	212	15.43	5	2	<3
4468	3	50	8	150	1.3	20	25	226	13.46	2	2	<3
4469	2	40	11	245	1.2	17	20	354	11.49	7	4	<3

LF-30

Per:

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ACCURASSAY LABORATORIES
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42853

Certificate of Analysis

Lou Chatsko
Independent Exploration Services Ltd.
P.O.Box 7, Stn.A
WINNIPEG, MAN
R3K 1Z9

August 07, 1991

W.O.#: 181771

SAMPLES	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4374	11	60	20	83	0.1	41	25	274	16.22	14	9	<3
4375	3	21	34	24	0.5	16	9	42	8.62	22	3	<3
4376	9	23	48	44	0.1	16	8	69	1.92	42	6	5
4377	3	130	35	72	0.1	23	21	165	2.71	66	6	<3
4378	3	53	15	81	0.1	16	12	224	2.95	31	4	<3
4379	4	72	11	101	0.3	37	22	223	5.57	2	6	<3
4387	1	9	8	21	0.1	6	3	65	0.88	7	3	7
4388	4	58	12	96	0.1	52	25	407	3.78	11	10	<3
4389	1	14	6	25	0.1	9	9	190	1.23	7	6	11
4390	5	87	13	15	0.1	19	12	257	2.84	5	4	9
4391	8	106	7	28	0.1	26	18	793	5.20	3	5	<3
4392	7	430	33	76	1.1	109	193	354	26.77	8	6	<3
4412	17	70	13	55	0.3	41	27	181	6.20	24	5	<3
4413	3	234	23	146	1.9	78	56	229	13.60	43	4	<3
4414	3	167	16	116	1.3	62	42	168	11.45	27	4	<3
4415	3	200	14	137	1.6	67	49	241	12.82	31	3	<3
4416	4	278	15	169	1.9	96	68	216	15.87	23	3	<3
4417	6	810	79	5765	2.5	112	103	638	13.24	47	10	<3
4418	8	672	66	5229	1.6	140	125	363	13.87	24	5	<3
4419	6	288	28	3823	0.9	100	94	463	11.01	10	6	<3
4420	6	1042	80	4081	1.5	104	98	455	11.89	51	7	<3
4421	7	929	50	3684	1.4	114	106	484	12.7	18	8	<3
4422	9	627	25	5572	1.1	118	105	683	12.04	16	10	<3
4423	8	374	29	6429	1.4	126	116	340	14.09	114	11	<3
4424	4	64	11	673	0.1	60	34	317	4.45	11	2	<3
4425	3	41	12	404	0.1	39	21	274	2.68	2	3	5
4426	7	359	23	4404	1.1	83	68	526	5.38	8	7	<3
4427	4	249	17	508	0.3	103	65	301	10.48	20	2	<3
4428	4	242	16	553	0.2	90	65	489	9.68	107	8	<3
4429	4	368	13	318	1.1	110	75	488	13.17	19	5	<3
4430	7	887	20	591	1.7	125	85	539	12.99	44	9	<3
4431	10	423	28	967	1.8	153	105	580	16.86	24	11	<3
4432	6	408	18	1446	1.2	116	77	638	13.32	8	8	<3
4433	8	481	15	2288	1.3	126	86	449	13.38	67	10	<3
4434	7	255	16	2402	1.2	115	83	241	13.13	82	6	<3

LF-30

Per: [signature]

ORIGINAL

ACCURASSAY LABORATORIES
A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
BOX 426
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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.

42863

Certificate of Analysis

Lou Chastko
Independent Expl. Services Ltd — August 7 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181774
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
286097	4504	<5	<0.002	
286098	4505	<5	<0.002	
86099	4506	11	<0.002	
86100	4507	35	<0.002	
286101	4508	<5	<0.002	
286102	4509	<5	<0.002	
86103	4510	<5	<0.002	
286103	4510	<5	<0.002	Check

LF-30

Per: [illegible signature]

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42862 **Certificate of Analysis**

Page: 1

Lou Chastko
Independent Expl. Services Ltd   August 7   91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181774
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
286069	4393	<5	<0.002	
286070	4394	5	<0.002	
286071	4395	<5	<0.002	
286072	4396	6	<0.002	
286073	4397	<5	<0.002	
286074	4398	<5	<0.002	
286075	4399	<5	<0.002	
286076	4400	8	<0.002	
286077	4470	<5	<0.002	
286078	4471	<5	<0.002	
286078	4471	<5	<0.002	Check
286079	4472	<5	<0.002	
286080	4473	<5	<0.002	
286081	4474	<5	<0.002	
286082	4475	7	<0.002	
286083	4476	8	<0.002	
286084	4477	5	<0.002	
286085	4478	<5	<0.002	
286086	4479	10	<0.002	
286087	4480	<5	<0.002	
286087	4480	12	<0.002	Check
286088	4481	<5	<0.002	
286089	4482	<5	<0.002	
286090	4483	<5	<0.002	
286091	4484	13	<0.002	
286092	4485	<5	<0.002	
286093	4486	<5	<0.002	
286094	4501	5	<0.002	
286095	4502	21	<0.002	
286096	4503	<5	<0.002	
286096	4503	<5	<0.002	Check

LF-30

Per:

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Page: 1

Lou Chastko
Independent Expl. Services Ltd — August 13 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181779
Project :

SAMPLE NUMBERS ccurassay	Customer	Gold ppb	Gold Oz/T	
286388	4551	3342	0.097	
˜86389	4552	29554	0.860	
86390	4553	13688	0.398	
286391	4554	7921	0.230	
286392	4555	2574	0.075	
86393	4556	1153	0.034	
_86394	4557	3416	0.099	
286395	4558	1218	0.035	
86396	4559	29	<0.002	
86397	4560	16	<0.002	
286397	4560	22	<0.002	Check
˜86398	4561	125	0.004	
86399	4562	13	<0.002	
∠86400	4563	13	<0.002	
286401	4564	19	<0.002	
86402	4565	13	<0.002	
86403	4566	13	<0.002	
286404	4567	6	<0.002	
˜86404	4567	<5	<0.002	Check

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Per: [signature]

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ACCURASSAY LABORATORIES
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Page: 2

Lou Chastko
Independent Expl. Services Ltd — August 16 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181784
Project :

SAMPLE NUMBERS ccurassay	Customer	Gold ppb	Gold Oz/T	
286854	4525	5	<0.002	
86855	4526	5	<0.002	
286856	4527	9	<0.002	
286857	4528	<5	<0.002	
86858	4529	<5	<0.002	
86859	4530	23	<0.002	
286860	4531	5	<0.002	
286861	4532	5	<0.002	
86862	4533	<5	<0.002	
286862	4533	<5	<0.002	Check
286863	4601	5	<0.002	
86864	4602	<5	<0.002	
286865	4603	9	<0.002	
286866	4604	9	<0.002	
86867	4605	5	<0.002	
86868	4606	9	<0.002	
286869	4607	16	<0.002	
286870	4608	12	<0.002	
86871	4609	20	<0.002	
286871	4609	27	<0.002	Check
286872	4610	16	<0.002	
86873	4611	12	<0.002	
286874	4612	9	<0.002	
286875	4613	34	<0.002	
86876	4614	5	<0.002	
86877	4615	9	<0.002	
286878	4616	9	<0.002	
286879	4617	5	<0.002	
86880	4618	9	<0.002	
286880	4618	12	<0.002	Check
286881	4619	9	<0.002	

LF-30

Per:

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42997 **Certificate of Analysis**

Lou Chastko
Independent Expl. Services Ltd August 16 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181784
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
286826	4487	5	<0.002	
ˉ86827	4488	9	<0.002	
86828	4489	5	<0.002	
286829	4490	20	<0.002	
?86830	4491	12	<0.002	
86831	4492	20	<0.002	
∠86832	4493	122	0.004	
286833	4494	16	<0.002	
86834	4495	16	<0.002	
86835	4496	20	<0.002	
286835	4496	12	<0.002	Check
?86836	4497	9	<0.002	
86837	4498	12	<0.002	
∠86838	4499	12	<0.002	
286839	4500	20	<0.002	
86840	4511	5	<0.002	
86841	4512	16	<0.002	
286842	4513	12	<0.002	
ˉ86843	4514	9	<0.002	
86844	4515	16	<0.002	
286844	4515	16	<0.002	Check
?86845	4516	12	<0.002	
86846	4517	16	<0.002	
∠86847	4518	<5	<0.002	
286848	4519	<5	<0.002	
86849	4520	5	<0.002	
86850	4521	<5	<0.002	
286851	4522	<5	<0.002	
ˉ86852	4523	9	<0.002	
86853	4524	5	<0.002	
∠86853	4524	<5	<0.002	Check

LF-30

Per: [signature]

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Page: 1

Lou Chastko
Independent Expl. Services Ltd — August 21 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181786
Project :

SAMPLE NUMBERS ccurassay	Customer	Gold ppb	Gold Oz/T	
286903	4534	11	<0.002	
286904	4535	6	<0.002	
36905	4536	36	<0.002	
286906	4537	11	<0.002	
286907	4568	6	<0.002	
36908	4569	6	<0.002	
36909	4570	16	<0.002	
286910	4571	6	<0.002	
36911	4572	11	<0.002	
36912	4573	<5	<0.002	
286912	4573	6	<0.002	Check
286913	4574	6	<0.002	
36914	4631	11	<0.002	
286915	4632	11	<0.002	
286916	4633	6	<0.002	
36917	4634	11	<0.002	
36918	4635	31	<0.002	
286919	4636	16	<0.002	
286920	4637	16	<0.002	
36921	4638	26	<0.002	
286921	4638	21	<0.002	Check
286922	4639	6	<0.002	
36923	4640	21	<0.002	
36924	4641	16	<0.002	
286925	4642	31	<0.002	
36926	4643	21	<0.002	
36927	4644	16	<0.002	
286927	4644	21	<0.002	Check

LF-30

Per: [signature]

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42999

Certificate of Analysis

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

August 16 91

Work Order # : 181784
Project :

SAMPLE NUMBERS		Gold	Gold	
ccurassay	Customer	ppb	Oz/T	
286882	4620	16	<0.002	
36883	4621	9	<0.002	
36884	4622	<5	<0.002	
286885	4623	5	<0.002	
?86886	4624	<5	<0.002	
36887	4625	<5	<0.002	
286888	4626	5	<0.002	
286889	4627	9	<0.002	
36889	4627	12	<0.002	Check
36890	4628	5	<0.002	
286891	4629	16	<0.002	
36892	4630	12	<0.002	
36892	4630	30	<0.002	Check

LF-30

Per: [signature]

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ACCURASSAY LABORATORIES
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BOX 426
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41425 Certificate of Analysis

Lou Chatsko
Independent Exploration Services Ltd.
P.O.Box 7, Stn.A
WINNIPEG, MAN
R3K 1Z9

August 21, 1991

W.O.#: 181779

SAMPLES	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4551	2	117	6	295	0.9	92	12	297	7.16	206	2	2
4552	10	290	27	9779	6.7	98	29	311	11.55	690	5	2
4553	5	342	40	675	4.9	114	16	58	13.30	743	2	2
4554	5	239	92	642	6.5	32	2	53	9.26	940	2	3
4555	16	59	17	262	3.4	89	11	188	6.64	229	2	2
4556	8	20	2	222	0.7	118	19	264	5.73	130	2	2
4557	8	181	33	30766	2.4	135	28	110	13.11	625	35	2
4558	10	550	1	1623	1.6	85	104	530	9.67	113	2	2
4559	10	493	10	676	0.8	75	32	128	5.36	9	2	2
4560	3	202	1	75	0.3	16	2	103	10.92	5	2	2
4561	9	2347	4	130	3.0	142	83	212	15.54	8	2	6
4562	8	505	2	63	0.5	74	36	158	6.65	2	2	8
4563	4	544	2	60	0.3	30	8	163	7.03	2	2	2
4564	5	1078	6	46	0.8	34	11	121	5.54	2	4	4
4565	8	62	3	20	0.1	58	13	63	1.13	4	2	2
4566	5	67	2	588	0.1	34	6	126	4.38	5	2	2
4567	4	172	2	53	0.1	43	14	117	2.91	2	2	2

LF-30

Per: [signature]

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41424 Certificate of Analysis

Lou Chatsko
Independent Exploration Services Ltd.
P.O.Box 7, Stn.A
WINNIPEG, MAN
R3K 1Z9

August 21, 1991

W.O.#: 181774

	ELEMENT											
SAMPLES	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4393	4	59	7	148	0.2	44	39	273	3.86	19	2	4
4394	6	556	3	1796	2.4	74	101	127	16.36	38	4	2
4395	7	197	14	48	1.9	93	119	105	19.96	42	5	2
4396	6	1143	9	102	3.5	59	249	49	14.78	30	8	2
4397	7	98	17	131	0.8	60	37	206	4.71	16	9	16
4398	5	250	13	485	2.5	52	56	177	8.90	18	6	9
4399	5	49	6	132	0.9	40	34	168	5.12	34	8	10
4400	8	257	13	51	2.1	52	44	35	6.75	14	2	12
4470	14	256	22	6189	5.9	111	78	354	12.69	82	13	2
4471	13	817	39	2810	9.7	173	155	400	22.49	103	15	2
4472	11	379	14	1294	2.9	112	75	362	10.90	34	24	2
4473	13	762	38	3343	7.5	181	171	464	24.35	130	30	4
4474	14	231	15	6576	1.2	77	53	247	8.40	29	17	2
4475	9	160	2	67	0.7	149	71	971	13.55	2004	17	2
4476	8	99	1	17	0.3	143	64	813	14.84	1345	13	2
4477	7	126	4	4	0.2	106	47	587	10.56	749	10	2
4478	5	85	1	30	0.1	103	38	423	10.03	117	10	2
4479	5	152	1	17	0.9	110	47	267	14.18	269	3	2
4480	5	113	4	34	0.8	101	43	280	12.62	374	3	2
4481	6	74	7	60	1.1	94	40	319	9.10	260	14	2
4482	6	41	4	30	0.1	73	40	197	4.41	441	2	2
4483	5	94	4	65	0.6	103	57	795	11.03	1707	7	2
4484	7	169	10	58	2.8	169	104	343	18.68	3245	7	2
4485	10	57	3	42	0.1	110	40	196	5.02	80	3	2
4486	10	342	14	4469	2.9	112	84	263	14.61	45	7	2
4501	8	348	7	80	0.8	61	67	44	10.90	22	4	2
4502	6	54	10	154	0.2	32	21	317	3.14	129	3	3
4503	7	1	6	1	0.1	16	7	40	2.66	11	2	2
4504	8	23	1	86	0.2	30	18	131	4.12	13	2	2
4505	6	46	10	383	0.6	74	32	350	4.43	10	11	2
4506	6	129	6	145	1.5	50	46	136	19.26	167	13	2
4507	7	95	9	286	1.9	47	34	191	16.64	149	5	2
4508	3	21	12	46	0.8	8	3	21	2.35	9	2	2
4509	4	26	4	119	0.7	34	15	546	6.24	14	2	2
4510	7	65	11	116	0.9	104	41	318	4.65	16	6	2

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Per: [signature]

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ACCURASSAY LABORATORIES
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41570 **Certificate of Analysis**

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

August 27 91

Work Order # : 181792
Project :

SAMPLE NUMBERS ccurassay	Customer	Gold ppb	Gold Oz/T	
287146	4663	<5	<0.002	
287147	4664	<5	<0.002	
87148	4665	<5	<0.002	
287149	4666	<5	<0.002	
287150	4667	7	<0.002	
87151	4668	7	<0.002	
87152	4669	<5	<0.002	
287153	4670	<5	<0.002	
87154	4671	<5	<0.002	
87154	4671	<5	<0.002	Check
287155	4672	<5	<0.002	
287156	4673	<5	<0.002	
87157	4674	<5	<0.002	
287157	4674	<5	<0.002	Check

LF-30

Per:

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ACCURASSAY LABORATORIES
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41569 Certificate of Analysis

Page: 1

Lou Chastko
Independent Expl. Services Ltd — August 27 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181792
Project :

SAMPLE NUMBERS		Gold	Gold	
Accurassay	Customer	ppb	Oz/T	
287118	4538	<5	<0.002	
287119	4539	<5	<0.002	
[illegible]37120	4540	<5	<0.002	
287121	4541	<5	<0.002	
287122	4542	<5	<0.002	
[illegible]37123	4543	<5	<0.002	
[illegible]37124	4544	<5	<0.002	
287125	4545	18	<0.002	
[illegible]37126	4546	<5	<0.002	
[illegible]37127	4547	7	<0.002	
287127	4547	<5	<0.002	Check
287128	4548	<5	<0.002	
[illegible]37129	4645	4901	0.143	
287130	4646	12129	0.353	
287131	4647	116	0.003	
[illegible]37132	4648	<5	<0.002	
[illegible]37133	4649	75	0.002	
287134	4650	90	0.003	
[illegible]37135	4651	<5	<0.002	
[illegible]37136	4652	80	0.002	
287136	4652	90	0.003	Check
287137	4653	69	0.002	
[illegible]37138	4654	<5	<0.002	
[illegible]37139	4655	90	0.003	
287140	4656	69	0.002	
[illegible]37141	4657	18	<0.002	
[illegible]37142	4659	39	<0.002	
287143	4660	23	<0.002	
[illegible]37144	4661	23	<0.002	
[illegible]37145	4662	<5	<0.002	
287145	4662	<5	<0.002	Check

LF-30

Per: Hand Lefst

ORIGINAL

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.

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Lou Chastko
Independent Exploration Services Ltd.
P.O. Box 7, Stn. A
WINNIPEG, MAN
R3K 1Z9

Page #2

August 29, 1991

W.O. #: 181784

SAMPLES	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4529	1	9	<2	9	0.1	6	<1	84	4.54	11	<2	6
4530	2	101	<2	30	0.4	14	4	175	9.49	92	<2	<3
4531	1	51	<2	55	<0.1	38	34	1004	3.44	1165	<2	<3
4532	1	97	<2	12	0.3	7	2	379	3.45	212	<2	6
4533	5	68	<2	10	0.1	28	7	141	3.23	10	<2	8
4601	4	159	17	146	0.7	52	26	348	8.90	17	<2	3
4602	4	95	20	207	0.8	42	19	362	6.20	21	<2	8
4603	3	168	8	125	0.1	59	29	338	9.42	14	<2	<3
4604	4	151	13	132	0.4	56	28	406	9.66	15	<2	<3
4605	2	203	<2	164	<0.1	61	30	383	9.90	2	<2	<3
4606	3	183	3	58	0.3	157	62	840	20.26	183	3	<3
4607	2	154	<2	45	0.1	114	56	866	14.88	95	<2	<3
4608	2	143	<2	44	<0.1	124	42	819	13.28	276	2	<3
4609	2	113	6	75	0.2	74	28	1080	14.90	66	<2	<3
4610	4	100	7	78	0.4	91	40	1098	15.89	71	7	<3
4611	2	58	<2	42	<0.1	88	25	689	7.13	122	4	<3
4612	1	62	<2	27	<0.1	76	24	733	6.70	79	3	<3
4613	4	209	8	108	1.0	87	48	2212	19.61	33	3	<3
4614	5	40	5	114	<0.1	33	12	275	2.08	179	3	18
4615	3	35	6	180	<0.1	30	12	235	1.79	359	<2	14
4616	4	35	22	133	<0.1	29	10	191	1.84	563	<2	16
4617	4	32	<2	1506	0.5	30	12	181	1.52	438	4	11
4618	2	36	10	522	<0.1	19	8	186	1.34	966	<2	15
4619	3	14	5	57	<0.1	25	9	169	2.18	26	<2	16
4620	4	18	7	74	<0.1	34	10	334	3.16	65	<2	13
4621	6	44	14	78	0.4	41	14	294	4.00	26	3	9
4622	4	41	4	586	0.7	38	18	1592	8.18	14	<2	<3
4623	5	44	5	137	0.4	49	18	1601	8.42	11	<2	7
4624	5	37	3	516	0.5	44	19	1439	7.61	48	<2	11
4625	6	31	5	721	0.4	43	17	651	7.26	50	<2	5
4626	6	44	6	722	0.9	52	24	574	9.36	22	<2	4
4627	5	20	6	2155	0.4	30	12	509	4.26	5	<2	14
4628	6	22	<2	2770	0.8	39	17	482	5.19	11	2	12
4629	6	166	23	123	4.5	93	80	386	26.27	50	5	6
4630	11	37	2	1547	0.4	50	24	686	6.99	6	<2	11

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Per: [illegible]

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41596 Certificate of Analysis

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Independent Exploration Services Ltd.
P.O. Box 7, Stn. A
WINNIPEG, MAN
R3K 1Z9

Page #1

August 29, 1991

W.O. #: 181784

SAMPLES	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4487	8	211	9	746	0.1	101	43	771	8.76	53	3	<3
4488	6	245	6	1369	0.5	106	51	1068	12.48	24	3	<3
4489	6	267	9	723	0.4	97	42	1023	11.08	19	<2	<3
4490	8	224	7	764	0.3	118	48	1311	11.63	22	<2	<3
4491	8	284	7	2091	0.5	119	55	1220	11.14	40	4	<3
4492	10	250	18	1758	1.3	189	118	1350	19.01	61	7	<3
4493	7	401	9	4950	0.8	154	90	809	15.10	22	6	<3
4494	9	398	6	4658	0.6	116	55	908	11.83	19	8	<3
4495	6	707	10	163	1.8	113	94	191	24.75	26	7	<3
4496	6	652	18	132	2.2	129	119	238	28.03	54	7	<3
4497	4	500	26	129	2.5	123	124	142	30.14	63	9	<3
4498	6	964	21	372	1.6	118	106	167	26.79	17	6	<3
4499	5	858	12	94	1.9	175	149	460	26.92	14	3	<3
4500	6	1235	31	108	3.2	130	132	176	30.97	23	8	<3
4511	4	26	<2	23	<0.1	16	3	673	3.91	6	<2	<3
4512	10	34	2	19	<0.1	19	2	351	5.59	142	<2	<3
4513	4	9	<2	2	<0.1	18	4	67	1.67	<2	<2	<3
4514	4	14	<2	7	<0.1	25	5	35	3.21	6	<2	<3
4515	7	48	<2	70	<0.1	48	11	201	6.33	<2	<2	<3
4516	6	44	<2	20	<0.1	59	25	45	4.23	6	<2	<3
4517	4	13	4	70	<0.1	54	15	191	3.36	8	<2	<3
4518	4	9	7	14	0.3	18	4	65	3.35	6	<2	7
4519	4	15	2	7	0.4	22	6	70	3.22	13	<2	3
4520	4	42	<2	81	<0.1	30	15	517	5.06	2	<2	<3
4521	1	2901	<2	69	0.6	177	110	265	10.97	14	<2	<3
4522	1	90	<2	12	<0.1	17	4	268	5.21	26	<2	<3
4523	1	34	<2	8	0.2	9	1	54	4.09	83	<2	7
4524	4	23	16	50	1.1	18	15	111	21.59	14	4	<3
4525	8	30	4	12	0.2	15	5	72	2.21	5	<2	12
4526	1	31	10	31	0.1	13	3	783	8.12	114	<2	<3
4527	3	136	<2	58	0.5	53	33	488	3.86	423	3	6
4528	5	31	<2	12	0.1	39	10	157	3.64	22	2	10

Per: [signature]

LF-30

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Lou Chastko
Independent Exploration Services Ltd.
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WINNIPEG, MAN
R3K 1Z9

Page #1

August 29, 1991

W.O.#: 181786

SAMPLES	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4534	7	136	3	55	<0.1	26	5	131	4.29	5	<3	10
4535	4	25	12	75	<0.1	14	5	330	1.46	14	<3	18
4536	5	22	7	30	<0.1	22	8	159	2.32	23	<3	17
4537	1	63	<2	14	<0.1	43	13	631	3.34	12	<3	9
4568	2	19	<2	12	<0.1	10	1	102	4.43	25	<3	5
4569	2	19	<2	26	<0.1	9	<1	73	6.88	2	<3	<3
4570	3	220	<2	16	<0.1	50	17	105	1.60	9	<3	10
4571	2	46	<2	8	<0.1	8	<1	174	3.50	6	<3	<3
4572	5	60	<2	5	<0.1	24	8	213	1.86	5	<3	9
4573	2	315	<2	223	0.2	44	16	280	10.14	<2	<3	<3
4574	2	101	<2	74	<0.1	51	24	594	8.12	87	<3	<3
4631	2	68	<2	37	0.1	59	12	538	8.88	19	<3	<3
4632	4	51	<2	40	0.4	50	22	663	7.28	16	<3	<3
4633	3	37	<2	26	0.6	34	9	835	10.04	162	<3	<3
4634	3	32	<2	20	<0.1	25	5	435	8.00	76	<3	<3
4635	6	465	51	3103	1.5	91	61	746	12.10	35	<3	<3
4636	6	704	39	3224	1.6	100	125	722	14.12	32	<3	<3
4637	5	436	25	3473	1.7	92	140	562	13.74	44	<3	<3
4638	7	583	34	6719	2.4	118	245	967	17.51	88	<3	<3
4639	9	541	42	4303	2.8	123	349	848	18.17	15	<3	<3
4640	8	862	36	2964	1.6	127	114	750	15.21	15	<3	<3
4641	7	621	32	4223	1.8	120	154	895	15.53	24	<3	<3
4642	7	597	42	5039	1.9	121	235	972	16.03	27	<3	<3
4643	6	416	29	6742	1.7	107	99	1038	14.90	23	<3	<3
4644	6	1747	35	3743	2.2	99	398	1218	15.32	86	<3	<3

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Per: [signature]

LF-30

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Lou Chastko
Independent Exploration Services Ltd.
P.O.Box 7, Stn. A
WINNIPEG, MAN
R3K 1Z9

Page #2

September 03, 1991

W.O.#: 181792

SAMPLES	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4659	2	197	6	174	1.0	116	72	691	22.35	73	21	<3
4660	5	328	24	122	3.0	168	127	392	31.35	43	34	17
4661	3	233	11	134	0.7	113	85	619	26.15	46	28	<3
4662	2	180	7	141	0.2	85	30	674	13.08	43	9	<3
4663	3	280	9	208	0.6	159	50	697	18.67	36	19	<3
4664	3	300	5	264	0.8	98	72	974	14.57	46	8	<3
4665	3	374	7	615	<0.1	135	93	691	18.70	50	15	<3
4666	4	327	18	231	0.9	112	88	766	16.66	58	21	<3
4667	4	538	22	375	1.7	155	282	730	23.35	155	28	<3
4668	4	375	6	1030	<0.1	111	47	965	16.16	24	10	<3
4669	2	131	5	185	0.6	53	32	899	7.34	39	6	<3
4670	4	308	<2	812	<0.1	96	84	710	14.73	62	7	<3
4671	4	553	16	116	1.5	208	151	317	27.19	43	27	<3
4672	2	365	<2	156	<0.1	91	63	525	13.42	10	9	<3
4673	5	555	18	85	1.3	234	190	253	32.59	36	31	<3
4674	6	830	22	116	2.3	212	187	517	29.81	79	22	7

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Per: [signature]

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Independent Exploration Services Ltd.
P.O.Box 7, Stn. A
JINNIPEG, MAN
R3K 1Z9

Page #1

September 03, 1991

W.O.#: 181792

SAMPLES	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4538	5	54	12	33	0.2	18	9	223	4.09	12	5	8
4539	6	36	4	11	<0.1	27	10	72	1.93	3	4	<3
4540	2	22	<2	60	<0.1	8	5	172	10.40	19	6	<3
4541	5	66	7	30	<0.1	12	5	197	7.59	49	3	<3
4542	4	240	7	136	1.1	64	42	506	5.67	62	3	17
4543	4	41	12	128	<0.1	20	13	492	3.63	17	<3	10
4544	5	70	10	48	<0.1	21	13	246	6.20	8	<3	<3
4545	4	191	<2	110	1.2	119	50	1163	6.48	20	5	<3
4546	2	154	7	25	1.7	99	29	82	1.76	44	6	5
4547	3	575	3	51	0.3	15	13	127	8.10	31	3	<3
4548	3	41	<2	17	<0.1	10	5	84	5.67	5	<3	<3
4645	4	240	69	35300	4.6	107	38	95	13.41	783	54	<3
4646	16	277	17	5009	3.1	228	57	153	12.70	799	17	<3
4647	3	73	3	351	<0.1	123	43	88	7.80	513	3	<3
4648	4	84	9	1308	0.7	85	40	1080	6.68	67	6	<3
4649	7	451	10	3517	0.9	91	94	689	18.42	15	7	<3
4650	7	998	6	2311	1.9	114	93	1184	21.86	58	16	<3
4651	3	152	2	254	<0.1	34	22	570	6.75	33	<3	<3
4652	5	956	13	2525	1.8	95	83	1673	19.90	19	15	<3
4653	4	219	2	490	0.6	146	88	498	23.34	80	15	<3
4654	6	555	78	1430	1.2	100	172	1137	16.47	42	9	6
4655	7	1543	67	3729	2.1	119	271	676	20.05	22	17	<3
4656	7	743	44	2238	2.0	119	181	1171	21.48	205	18	<3
4657	7	448	23	8513	1.4	77	60	2467	14.25	102	26	<3

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ACCURASSAY LABORATORIES
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41677 **Certificate of Analysis**

Page: 1

Lou Chastko
Independent Expl. Services Ltd — September 4 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181798
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
287249	4658	21	<0.002	
37250	4675	8	<0.002	
37251	4676	8	<0.002	
287252	4677	148	0.004	
287253	4678	14	<0.002	
37254	4679	8	<0.002	
287255	4680	91	0.003	
287256	4681	871	0.025	
37257	4682	431	0.013	
37258	4683	541	0.016	
287258	4683	617	0.018	Check
287259	4684	427	0.012	
37260	4685	380	0.011	
287261	4686	192	0.006	
287262	4687	199	0.006	
37263	4688	210	0.006	
37263	4688	205	0.006	Check

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Per: [signature]

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ACCURASSAY LABORATORIES
A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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Lou Chastko
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P.O.Box 7, Stn. A
WINNIPEG, MAN
R3K 1Z9

Page #1

September 11, 1991

W.O.#: 181798

SAMPLES	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4658	6	212	20	1832	0.4	65	36	1473	8.22	19	2	<5
4675	2	463	<2	182	<0.1	99	70	318	13.71	94	<2	<5
4676	4	294	5	430	0.3	76	45	407	12.70	133	<2	<5
4677	6	231	<2	949	<0.1	94	78	833	12.09	120	<2	<5
4678	5	155	<2	422	<0.1	63	40	521	8.40	72	<2	<5
4679	6	161	2	1434	<0.1	68	36	722	9.35	91	<2	<5
4680	2	2771	<2	139	2.9	125	121	167	18.21	20	<2	<5
4681	4	475	6	3172	1.7	35	34	448	11.97	5	8	5
4682	2	332	<2	1930	1.9	38	37	549	10.88	10	6	5
4683	3	359	2	3185	1.5	33	36	389	12.14	141	9	7
4684	2	447	10	4625	2.1	74	145	143	13.75	2603	9	<5
4685	2	984	9	342	2.0	109	401	432	17.88	9411	6	<5
4686	2	1944	8	1038	2.0	83	83	132	14.66	231	5	<5
4687	2	666	3	3946	2.4	69	98	454	14.63	1194	11	<5
4688	3	2243	6	149	5.4	100	94	279	14.73	32	14	23

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41766 Certificate of Analysis

Lou Chastko
Independent Expl. Services Ltd — September 16 91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181804
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
287346	4872	17	<0.002	
287347	4873	33	<0.002	
2 7348	4874	33	<0.002	
2 7349	4875	33	<0.002	
287350	4876	17	<0.002	
2 7351	4877	33	<0.002	
2 7352	4878	51	<0.002	
287353	4879	<5	<0.002	
2°7354	4880	33	<0.002	
2 7354	4880	33	<0.002	Check
287355	4881	17	<0.002	
287355	4881	17	<0.002	Check

LF-30

Per:

ORIGINAL

ACCURASSAY LABORATORIES
A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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Certificate of Analysis

Page: 1

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

September 16 91

Work Order # : 181804
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
287318	4689	33	<0.002	
287319	4690	33	<0.002	
287320	4691	51	<0.002	
287321	4692	8	<0.002	
287322	4693	8	<0.002	
287323	4694	<5	<0.002	
287324	4695	17	<0.002	
287325	4696	8	<0.002	
287326	4697	8	<0.002	
287327	4698	8	<0.002	
287327	4698	8	<0.002	Check
287328	4699	<5	<0.002	
287329	4700	17	<0.002	
287330	4851	8	<0.002	
287331	4852	17	<0.002	
287332	4853	<5	<0.002	
287333	4854	8	<0.002	
287334	4855	<5	<0.002	
287335	4856	17	<0.002	
287336	4857	17	<0.002	
287336	4857	<5	<0.002	Check
287337	4858	8	<0.002	
287338	4859	<5	<0.002	
287339	4860	<5	<0.002	
287340	4861	17	<0.002	
287341	4862	17	<0.002	
287342	4863	<5	<0.002	
287343	4864	17	<0.002	
287344	4865	385	0.011	
287345	4871	26	<0.002	
287345	4871	26	<0.002	Check

Per:

LF-30

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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.

41780 **Certificate of Analysis**

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

September 17 91

Work Order # : 181806
Project :

SAMPLE NUMBERS ccurassay	Customer	Gold ppb	Gold Oz/T	
287416	4905	10	<0.002	
?87417	4906	<5	<0.002	
37418	4907	5	<0.002	
∠87419	4908	10	<0.002	
287420	4909	5	<0.002	
37420	4909	5	<0.002	Check

LF-30

Per:

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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.

41779 **Certificate of Analysis**

Page: 1

Lou Chastko
Independent Expl. Services Ltd   September 17   91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181806
Project :

SAMPLE NUMBERS ^ccurassay	Customer	Gold ppb	Gold Oz/T	
287388	4866	308	0.009	
287389	4867	319	0.009	
87390	4868	781	0.023	
_87391	4869	253	0.007	
287392	4870	122	0.004	
87393	4882	5	<0.002	
87394	4883	5	<0.002	
287395	4884	10	<0.002	
?87396	4885	5	<0.002	
87397	4886	10	<0.002	
287397	4886	10	<0.002	Check
287398	4887	5	<0.002	
87399	4888	16	<0.002	
87400	4889	<5	<0.002	
287401	4890	<5	<0.002	
87402	4891	5	<0.002	
87403	4892	5	<0.002	
287404	4893	5	<0.002	
287405	4894	<5	<0.002	
87406	4895	5	<0.002	
287406	4895	5	<0.002	Check
287407	4896	5	<0.002	
87408	4897	10	<0.002	
87409	4898	5	<0.002	
287410	4899	16	<0.002	
287411	4900	10	<0.002	
87412	4901	10	<0.002	
287413	4902	10	<0.002	
287414	4903	5	<0.002	
87415	4904	<5	<0.002	
_87415	4904	5	<0.002	Check

Per: [signature]

LF-30

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Certificate of Analysis

Page: 1

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

September 19 91

Work Order # : 181809
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
287462	4910	7	<0.002	
37463	4911	7	<0.002	
37464	4912	7	<0.002	
287465	4913	<5	<0.002	
287466	4914	7	<0.002	
37467	4915	<5	<0.002	
287468	4916	<5	<0.002	
287469	4917	7	<0.002	
37470	4918	7	<0.002	
37471	4919	14	<0.002	
287471	4919	14	<0.002	Check
287472	4920	7	<0.002	
37473	4921	14	<0.002	
287474	4922	7	<0.002	
287475	4923	14	<0.002	
37476	4924	28	<0.002	
37477	4925	21	<0.002	
287478	4926	21	<0.002	
37479	4927	42	<0.002	
37480	4928	21	<0.002	
287480	4928	14	<0.002	Check
287481	4929	94	0.003	
37481	4929	62	0.002	Check

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LF-30

Per: [signature]

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Lou Chastko
Independent Exploration Services Ltd.
P.O.Box 7, Stn. A
WINNIPEG, MAN
R3K 1Z9

Page #1

September 23, 1991

W.O.#: 181806

SAMPLES	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4866	4	1533	4	652	1.1	112	203	437	19.29	3275	<2	<5
4867	3	963	10	488	0.7	116	402	606	20.30	8741	<2	<5
4868	4	648	16	508	1.3	147	466	575	23.26	9526	2	6
4869	3	982	10	253	1.3	124	475	612	21.57	10613	<2	<5
4870	5	2153	13	842	2.3	125	236	825	23.10	3501	12	<5
4882	10	327	24	2450	0.4	115	103	298	14.12	110	<2	<5
4883	12	190	58	1584	0.3	79	66	447	9.41	47	8	<5
4884	9	730	33	2755	0.8	126	110	385	14.35	132	<2	<5
4885	8	337	28	4122	0.6	88	81	282	10.05	34	<2	<5
4886	9	1182	25	3526	1.6	86	76	379	11.45	90	<2	<5
4887	8	302	18	2050	<0.1	101	87	138	12.43	54	3	<5
4888	15	1235	53	19408	1.8	133	107	418	13.81	27	30	<5
4889	8	485	13	3524	<0.1	96	82	448	12.87	41	11	<5
4890	8	413	18	4078	2.1	175	174	436	19.57	33	16	12
4891	5	489	3	5894	0.8	163	162	294	17.97	33	9	<5
4892	7	3420	<2	14664	1.2	86	94	396	10.98	210	21	<5
4893	7	354	10	1968	0.1	111	95	447	15.93	44	8	<5
4894	8	185	5	2350	0.4	133	103	308	16.56	21	6	<5
4895	6	311	5	776	0.8	93	82	585	19.80	17	11	<5
4896	7	364	8	633	1.0	101	92	544	20.79	23	6	<5
4897	9	332	14	1017	1.1	125	113	604	23.22	76	10	8
4898	9	339	9	2989	0.8	111	94	738	20.85	28	5	<5
4899	10	345	18	1094	1.8	118	110	784	22.92	35	11	16
4900	8	274	10	4927	0.2	83	70	947	17.92	36	3	<5
4901	9	358	19	2941	1.5	129	101	645	22.02	56	4	8
4902	6	259	8	1426	0.1	96	66	806	16.31	17	<2	<5
4903	9	279	12	3615	<0.1	77	56	811	14.37	17	2	<5
4904	6	161	11	934	<0.1	56	51	759	11.29	77	<2	<5
4905	6	350	10	2472	0.6	76	74	814	14.21	1218	<2	<5
4906	6	477	11	226	0.7	149	152	336	27.68	12	<2	<5
4907	7	666	14	548	1.5	132	132	538	25.51	22	4	14
4908	8	522	25	265	3.2	158	178	309	30.44	109	12	32
4909	9	415	13	1735	2.6	108	95	767	20.06	34	6	26

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Per: Hansel Latto

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A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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41830 Certificate of Analysis

Lou Chastko
Independent Exploration Services Ltd.

September 23, 1991
W.O.#: 181804

SAMPLES	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4689	4	175	17	167	1.2	74	98	1156	21.00	8	9	<5
4690	4	241	13	165	0.6	70	119	1425	20.75	4	7	<5
4691	3	283	<2	262	<0.1	55	2	1540	16.07	4	<2	<5
4692	2	169	<2	151	<0.1	61	6	634	18.37	9	<2	<5
4693	3	184	<2	181	0.2	63	4	1031	17.63	2	2	<5
4694	1	319	4	224	0.2	56	40	530	18.98	18	<2	<5
4695	4	224	12	128	1.0	69	188	1178	23.52	8	<2	<5
4696	1	350	<2	230	<0.1	51	40	2896	17.39	12	<2	<5
4697	<1	145	<2	137	<0.1	69	33	542	16.92	68	<2	<5
4698	2	206	2	205	<0.1	66	22	545	17.51	19	<2	<5
4699	3	303	9	254	0.6	89	47	430	21.55	4	8	<5
4700	2	226	3	218	0.5	75	21	554	17.63	4	4	<5
4851	2	197	<2	372	0.8	78	33	373	18.16	13	3	<5
4852	4	305	14	134	1.8	99	104	203	25.75	<2	18	<5
4853	4	221	19	202	2.0	113	35	707	28.84	6	15	<5
4854	1	56	3	182	0.2	24	118	487	15.75	7	<2	<5
4855	3	45	<2	140	<0.1	22	95	598	11.92	12	<2	<5
4856	5	59	40	93	2.2	27	282	883	25.09	14	13	<5
4857	4	74	12	114	1.4	31	222	604	21.78	23	11	<5
4858	5	462	7	8128	1.8	154	121	461	21.31	2	20	<5
4859	3	659	4	268	0.6	189	106	232	11.10	31	12	<5
4860	2	2976	8	486	1.6	95	79	284	17.71	<2	5	<5
4861	3	1606	6	258	2.6	141	141	296	24.29	<2	15	<5
4862	3	2664	7	604	3.0	91	77	288	18.37	<2	14	5
4863	3	3681	4	321	1.0	58	46	575	15.15	4	5	<5
4864	3	4058	<2	402	1.6	84	70	379	18.04	2	5	<5
4865	4	1438	11	1698	3.2	108	308	832	18.30	7292	16	9
4871	4	1927	2	193	2.9	119	104	105	18.86	8	9	8
4872	2	1032	7	166	2.6	139	138	74	22.18	5	8	<5
4873	3	1551	2	120	2.2	105	90	68	17.32	<2	6	<5
4874	1	812	<2	75	1.4	95	79	74	15.44	<2	<2	<5
4875	2	1471	<2	135	1.2	86	73	72	13.78	2	<2	<5
4876	2	1277	8	165	2.5	132	128	71	21.76	<2	14	<5
4877	2	1189	5	73	2.3	122	114	70	20.01	<2	9	<5
4878	4	2766	11	152	4.3	174	182	44	27.38	<2	18	<5
4879	2	2069	5	140	1.5	63	55	109	11.25	5	7	10
4880	1	3793	2	220	2.2	124	117	78	20.65	<2	4	<5
4881	7	547	17	6263	1.4	130	107	251	18.08	49	12	<5

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LF-30

Per: Hurul Lakto

ORIGINAL

ACCURASSAY LABORATORIES
A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
BOX 426
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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.

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Certificate of Analysis

Lou Chastko
Independent Exploration Services Ltd.
P.O.Box 7, Stn. A
WINNIPEG, MAN
R3K 1Z9

Page #1

September 26, 1991

W.O.#: 181809

SAMPLES	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4910	5	272	<2	1404	0.3	71	72	523	15.74	9	<2	<5
4911	8	306	<2	1325	0.4	75	75	492	16.70	125	<2	<5
4912	5	161	<2	1204	0.2	59	51	569	12.02	15	<2	<5
4913	6	155	11	1550	1.1	57	50	577	10.96	39	9	<5
4914	6	190	3	2211	0.6	83	54	522	13.15	15	<2	<5
4915	6	244	6	2334	0.4	68	54	458	14.06	100	<2	<5
4916	6	195	22	2411	1.1	41	39	500	6.30	30	<2	<5
4917	7	235	<2	854	0.5	67	59	573	13.94	5	<2	<5
4918	7	347	3	1567	0.7	89	91	386	18.98	11	<2	<5
4919	9	369	8	2777	0.2	128	140	537	24.74	59	3	<5
4920	7	314	<2	1900	0.2	74	[illegible]	627	13.47	55	<2	<5
4921	9	277	6	326	0.3	142	139	361	25.63	6	5	<5
4922	9	294	<2	819	0.2	182	104	480	20.61	19	<2	<5
4923	9	284	3	2673	0.4	93	116	422	19.78	24	<2	<5
4924	8	327	14	3135	0.5	83	76	440	15.28	47	<2	<5
4925	10	1190	24	3702	1.2	76	63	410	15.15	21	3	<5
4926	8	555	24	2657	0.4	70	70	566	12.94	22	7	<5
4927	10	526	9	1646	0.3	107	92	382	20.80	22	3	<5
4928	11	1156	30	4707	1.2	80	85	458	14.79	65	8	<5
4929	8	980	22	2456	1.5	110	230	1286	21.16	8	<2	<5

LF-30

Per:

ORIGINAL

ACCURASSAY LABORATORIES

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41908 **Certificate of Analysis**

Page: 1

Lou Chastko
Independent Expl. Services Ltd   October 2   91
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

Work Order # : 181817
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
37782	4930	84	0.002	
287783	4931	<5	<0.002	
37784	4932	5	<0.002	
37785	4933	7	<0.002	
287786	4934	9	<0.002	
37787	4935	14	<0.002	
37788	4936	<5	<0.002	
287789	4937	<5	<0.002	
287790	4938	9	<0.002	
37791	4939	<5	<0.002	
37791	4939	<5	<0.002	Check
287792	4940	<5	<0.002	
37793	4941	<5	<0.002	
37794	4942	<5	<0.002	
287795	4943	<5	<0.002	
37796	4944	<5	<0.002	
37797	4945	<5	<0.002	
287798	4946	<5	<0.002	
287799	4947	<5	<0.002	
37800	4948	<5	<0.002	
37800	4948	<5	<0.002	Check
287801	4949	<5	<0.002	
37802	4950	<5	<0.002	
37803	4951	<5	<0.002	
287804	4952	<5	<0.002	
287805	4953	<5	<0.002	
37805	4953	<5	<0.002	Check

Per: [illegible signature]

LF-30

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ACCURASSAY LABORATORIES

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BOX 426
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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.

41934 **Certificate of Analysis**

Mr. Lou Chastko
Independent Exploration
P.O. Box 7, Stn. A
WINNIPEG, MAN
R3K 1Z9

October 03, 1991

WO #: 181817

	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4930	9	1394	34	5616	2.8	149	128	358	17.29	38	21	6
4931	10	700	39	4919	2.4	105	93	317	11.97	32	17	3
4932	13	590	34	6028	2.7	151	122	408	16.95	38	20	5
4933	8	455	36	3287	2.1	132	128	346	13.42	36	14	3
4934	7	571	27	5440	1.3	146	124	234	16.98	17	7	<3
4935	8	1170	35	6517	1.7	152	126	278	17.27	32	9	7
4936	10	401	10	8177	0.9	122	106	236	13.98	11	8	6
4937	9	326	15	5014	0.7	120	111	406	11.85	27	4	3
4938	7	1017	14	3137	1.1	150	122	482	13.29	41	9	<3
4939	8	653	9	3773	1.3	106	90	294	17.48	27	4	9
4940	7	408	7	2790	1.2	93	79	302	14.38	29	7	<3
4941	7	437	12	5367	1.7	109	91	329	16.55	22	13	<3
4942	7	390	9	5361	1.7	120	105	425	18.52	88	11	8
4943	10	352	3	4425	1.0	99	90	327	15.52	112	5	<3
4944	8	3263	17	3913	3.2	141	129	362	22.62	110	15	14
4945	6	917	11	4718	1.5	103	92	498	17.11	48	8	11
4946	6	437	11	1696	1.7	143	128	446	22.15	31	11	18
4947	8	576	5	11258	0.8	76	68	507	11.17	29	10	7
4948	6	516	7	1208	1.6	130	114	443	20.59	25	14	15
4949	12	446	9	7190	1.1	84	75	380	13.77	25	12	11
4950	11	338	8	6381	1.1	112	96	408	18.06	27	15	9
4951	11	198	5	5574	0.2	86	76	451	13.08	41	<2	<3
4952	13	1353	3	5746	0.3	78	66	374	11.66	27	<2	<3
4953	9	753	4	8327	0.6	92	83	647	14.46	30	11	<3

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LF-30

Per: [signature]

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41993 **Certificate of Analysis**

Page: 1

Lou Chastko
Independent Expl. Services Ltd
P.O. Box 7, Station A
WINNIPEG, MAN
R3K 1Z9

October 10 91

Work Order # : 181823
Project :

SAMPLE NUMBERS Accurassay	Customer	Gold ppb	Gold Oz/T	
288024	4954	<5	<0.002	
288025	4955	5	<0.002	
288026	4956	<5	<0.002	
288027	4957	<5	<0.002	
288028	4958	<5	<0.002	
288029	4959	<5	<0.002	
288029	4959	<5	<0.002	Check

V

LF-30

Per: [illegible]

ORIGINAL

ACCURASSAY LABORATORIES
A DIVISION OF BARRINGER LABORATORIES LIMITED, REXDALE, ONTARIO
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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.

42067 Certificate of Analysis

Mr. Lou Chastko
Independent Exploration
P.O. Box 7, Stn. A
WINNIPEG, MAN
R3K 1Z9

October 21, 1991

WO #: 181823

	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	SB PPM	BI PPM
4954	8	74	<2	337	0.4	39	26	517	11.53	12	6	<3
4955	3	67	<2	769	0.2	39	25	552	12.02	6	8	<3
4956	4	76	<2	647	<0.1	43	33	447	10.74	<2	3	<3
4957	3	78	<2	518	0.2	40	27	468	9.36	50	8	<3
4958	5	67	<2	3008	<0.1	50	30	208	3.51	22	<2	<3
4959	4	103	<2	2400	<0.1	60	35	216	4.39	<2	<2	<3

LF-30

Per: [signature]

ORIGINAL

PART IV - APPENDIX C

DIAMOND DRILL HOLE LOGS
GRID B - D.DRILL HOLE
LOCATION PLAN

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB27
Collar Eastings: 1100.00 (metres)
Collar Northings: 120.00
Collar Elevation: 0.00
Grid: Grid B

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 396.00 feet

Logged by: P. Barc
Date: Dec. 11-13, 1991
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	ASSAYS Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.0	55.0	(CASING)											
55.0	73.0	(AMPHIBOLITE) Greenish-black colour, lite grey banding, well foliated at 60-70 to CA. Vfg hbl 40%, qtz 60%, with 10-20% qtz, qtz+ plag. banding on a mm. to cm. scale. Minor qtz veining(2-.2') near top of section. Traces fg py, mm. bands. Increased py banding to 5% towards base of unit. Minor fg pale pink garnet banding towards base of section.	0.00	73.00	73.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
73.0	77.5	(QTZ-BTE SCHIST WEAKLY MINERALIZED) Grey banded, vfg. qtz-bte 5% schist, bte mm. bands. Minor irregularily distributed fg pale pink garnetiferous bands. Minor hbl-epidote green black cm. lenses. Pyrite 5%, mm. bands. Sulfide breccia sections to .2'of pyrite 70%, qtz 30%, as fg. clasts, with traces of Zns. 74.1-74.2 Py-qtz sulfide breccia, traces Zns. 75.5-75.8 Py banding 30%, traces Zns. 76.0-76.3 Py banding 30%. 76.7-77.4 Py banding 30%.	73.00 74.00 76.00	74.00 76.00 77.50	1.00 2.00 1.50	5101 5102 5103	109 227 261	14 13 83	529 2072 1541	TRACE 0.8 0.6	299 612 497	3.37 7.13 9.24	17 41 56
77.5	84.7	(AMPHIBOLITE-BANDED) Similar to previous unit, minor qtz, bte banding. Vfg schist, uniform texture. Pyrite mm. bands 1%.	77.50	84.70	7.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
84.7	85.8	(QTZ-BTE SCHIST WEAKLY MINERALIZED) Similar to previous unit. Felsic tuff. Pyrite 10-20% mm. banding, sections to .1' pyrite bands.	84.70	85.80	1.10	5104	412	28	973	2.6	442	7.74	28
85.8	93.5	(AMPHIBOLITE) Grey-black-white colour, well foliated, weakly banded at 70 to CA. Speckled hbl-qtz-plag schist, traces pyrite.	85.80	93.50	7.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
93.5	98.0	(QTZ-BTE SCHIST WEAKLY MINERALIZED) Grey banded, fg qtz, bte 5% banded schist. Pyrite mm. to cm. banded sections, pyrite to 20% over 1.' Pyritic sections often include Graphitic bands.	93.50 96.00	96.00 98.00	2.50 2.00	5105 5106	174 218	30 9	315 1666	2.5 0.1	231 144	7.03 5.15	36 79

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB27

									ASSAYS				
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		Traces Zns in qtz-py rich sections. 94.1-94.9 Pyrite-graphite laminated section. 94.9 95.0 Contorted foliation possible drag fold,traces Zns in pyrite cm. lense. 96.5-98.0 Pyrite banded section,graphitic bands. 97.2-97.3 Qtz-pyrite vien,.05',10% Zns.											
98.0	105.4	(AMPHIBOLITE-BANDED) Grey-green-brown banded at 60 to CA. Fg. hbl 60%,qtz 30%, biotite 10% schist. Variabely banded,traces pyrite, occasional mm. bands.	98.00	105.40	7.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
105.4	107.3	(QTZ-BTE SCHIST WEAKLY MINERALIZED) Milky grey-orange finely banded,vfg. qtz,minor bte banded. Graphite laminated,vuggy sections (3-.1'). Graphitic sections include pyrite to 20%,plus quartz. Pyrite also as mm. bands. Total pyrite content 15-20%.	105.40	107.30	1.90	5107	413	26	3319	0.6	450	10.68	52
107.3	116.5	(AMPHIBOLITE-BANDED) Grey,brown,finely banded.Well foliated at 70 to CA. Fg. hbl 50%,qtz 40%,bte 10% schist,bte mm. banded. Uniform texture,composition. Traces fg. pyrite,occasional mm. bands.	107.30	116.50	9.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
116.5	118.5	(QTZ-BTE SCHIST WEAKLY MINERALIZED) Milky grey-orange brown banded. Fg. qtz-bte 10% schist, Pyrite 20%,bands,to 60% over .2', with flecks fg. Zns,mm. bands, total Zns 1%. Occasional lenses hbl-qtz-ep-pyrite (mafic fragments). Gradational lower contact. 116.8-117.0 Pyrite banding,traces Zns.	116.50	118.50	2.00	5108	240	19	160	1.4	192	6.66	25
118.5	127.8	(AMPHIBOLITE-BANDED) Grey,white banded schist. Fg. hbl 60%,qtz 30%,bte 10%. Cm. bands qtz-ep-plag-bte,pyritic. Biotite banding.Gradual contacts.											
127.8	133.0	(QTZ-BTE SCHIST WEAKLY MINERALIZED) Indistinct contacts. Similar to previous section. Biotite 10-20%,banding. Occasional plag-ep lenses - mafic fragments. Pyrite banding concentrated in 2-.1' sections,with traces fg. Cpy.	118.50	130.50	12.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
			130.50	132.00	1.50	5109	60	20	442	1.5	448	4.97	226

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB27

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	ASSAYS Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		131.3-131.4 Pyrite 40%,bte,traces Cpy.											
133.0	153.0	(AMPHIBOLITE-BANDED)	132.00	153.00	21.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Similar to previous unit.											
		Increased quartz content to >50%,bte bands 20%,plag-ep											
		lenses >5%. Speckled texture towards base of unit.											
		Traces of fg. pyrite,mm. bands.											
153.0	212.0	(QTZ-BTE SCHIST)	153.00	155.50	2.50	5110	87	49	503	1.3	697	5.42	38
		Felsic tuff-fragmental.	155.50	159.50	4.00	5111	240	28	1758	1.0	657	5.92	69
		Grey-banded schist.Quartz,bte 5-10%,banded.	159.50	164.30	4.80	5112	153	9	649	0.3	590	6.43	25
		Occ. milky green-white qtz.lenses to .3';poss.felsic frags.	164.30	166.00	1.70	5113	196	135	2080	1.2	721	6.10	80
		Diss.fg. py.10%,occ. cm. banding.Traces diss. po,bands.	166.00	169.50	3.50	5114	224	25	1473	0.7	670	7.37	68
		Irregular distributed quartz rich sections,to 3.',with	169.50	174.30	4.80	5115	214	26	1644	1.5	643	8.56	139
		po,py,graphite banding,with traces Cpy,Zns.	174.30	179.00	4.70	5116	182	17	1132	0.3	696	5.92	155
		Quartz-sulfide sections display Sulfide breccia texture	179.00	184.10	5.10	5117	404	25	2518	0.3	565	11.05	17
		ie: subrounded quartz clasts cemented by po + py,with	184.10	189.00	4.90	5118	249	34	1782	0.7	534	7.64	101
		traces Cpy,Zns. S.B. sections often contorted foliation;	189.00	191.00	2.00	5120	43	9	193	TRACE	611	3.61	26
		small scale drag folding.	191.00	196.00	5.00	5121	20	8	108	TRACE	416	2.41	29
		Traces fg. pink garnets.	196.00	198.00	2.00	5119	126	25	289	1.4	570	4.39	39
		Occ.fg. white-pale laths-Cordierite?											
		155.8-155.9 Traces fg. Zns.											
		157.0 [illegible]											
		165.3-165.4 Zns fg. traces in mm. py cross banding.											
		16? [illegible]											
		174.3-174.5 Vuggy py S.B.,po banding.											
		179.0-184.1 Po 20%,py 2%,graphite bands.											
		182.0-184.1 Contorted foliation;drag folds,wkly brecc.text.											
		184.1-189.0 Po 10%,py 10%,traces cpy,zns.											
		186.0-187.0 Zns,Cpy traces.											
		192.0-193.0 Fine x-fractures,red-hematite stained.											
212.0	231.5	(QTZ-BTE-MUSC SCHIST)	198.00	226.00	28.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Rhyolite,sheared sections.	226.00	231.50	5.50	5122	27	93	72	1.1	619	3.00	70
		Grey,red stained.Vfg qtz-bte 5%,muscovite 5% schist.											
		Highly fractured section 3.',Broken core.											
		Finely banded,folaited at 60-80 to CA.											
		Broken core,brecciated sections calcite cemented.											
		Traces fg. diss. py.											
		214.0-217.0 Broken core.											
		228.0-231.5 Late shear.Brecc'd,calcite,graphite,fg py 5%.											
231.5	275.5	(QTZ-BTE-MUSC SCHIST)	231.50	265.00	33.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Banded rhyolite.	265.00	268.70	3.70	5123	20	34	421	0.6	190	1.54	20

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB27

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		Gradational from previous unit.Finely banded,foliated at 70 to CA.Fg. grey-black schist,qtz,minor bte,musc. Sections .1'-.3' poss. felsic fragments. Sections finely brecciated . Increase in grain size to mg. towards 260.0',inc.musc. content to 5%. Traces fg pyrite. Sections-3 to 3.' Granite pegmatite,brecciated texture. 257.7-258.2 Granite pegmatite;Cg. K-feldspar,garnets. 265.0-266.0 Weak feldspar porphyry textured section. 265.0-268.7 Gran.peg.,brecc'd,tr.py,py 20%,Zns 2% .5'top. 273.0-273.5 Gran.peg.	268.70	275.50	6.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
275.5	278.5	(MASSIVE SULFIDE) Sulfide breccia; Po matrix 65%, quartz clasts 30%,py 5%, traces fg Zns. Gradational to qtz 50%/ po 50% mm. banded schist. 275.5-277.2 S.B. 277.2-278.5 Banded schist,traces Zns.	275.50	278.50	3.00	5124	102	21	182	1.9	458	20.45	15
278.5	320.5	(QTZ-MUSC-BTE SCHIST) Banded rhyolite. Grey-black-white speckled,banded schist,banded at 75 to CA. Qtz, musc 5%,bte 2% schist,NVS. Occasional patches (10%) milky white,pale green vfg. felsic fragments. 282.2-282.5 Trace aspy 291.6-292.2 Granite pegmatite											
320.5	335.0	(QTZ-MUSC-BTE PORPHYRY) QFP ? Plagioclase porphyroblasts? Similar to previous unit,vfg banded rhyolite,felsic fragments 5-10% to 1.'. F-mg porphyroblasts feldspar or quartz in sections. NVS. 320.5-335.0 Porphyritic texture 342.7-343.0 Granitic pegmatite											
335.0	379.6	(QTZ-BTE-MUSC SCHIST) Banded rhyolite,similar to 278.5-320.5'section. Foliated at 80-90 to CA. 10% weakly porphyritic quartz sections. NVS.											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB27

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
379.6	396.0	(QTZ-BTE SCHIST) Felsic tuff.Biotite 5-10%.Grey-white qtz speckled schist, f-mg porphyroblasts of quartz.Uniform texture,composition. Foliated,banded at 75 to CA..NVS.	278.50	396.00	117.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		96.0 (E.O.H.)											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB28
Collar Eastings: 1300.00
Collar Northings: 130.00
Collar Elevation: 0.00
Grid: Grid B

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 396.00 feet

Logged by: P. Barc
Date: Dec. 14-16, 1991
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.0	10.0	(CASING)											
10.0	48.2	(AMPHIBOLITE-BANDED) Green-black colour.Pale green,white patches,banding at 70 to CA. Fg hbl 60%,qtz 10%,epidote + plag (banding) 30%. Minor biotite banding,traces py in ep-plag banding. Fg disseminated py. 10% near base of unit. Minor section (.2') pink garnet banding. Increase in quartz content towards base of unit. 32.3-33.7 Qtz 45%,Bte 45%,sericite?,traces py. Felsic tuff? 46.0-48.2 Qtz 70%,bte 20%,pyrite 10%.	0.00 45.70	45.70 48.20	45.70 2.50	N.S. 5125	N.S. 75	N.S. 13	N.S. 139	N.S. 0.5	N.S. 808	N.S. 6.45	N.S. 185
48.2	52.9	(MASSIVE SULFIDE) Sulfide breccia.Qtz clasts 30%,finely brecciated qtz rich material cemented by po 50%,py 20% matrix with traces Zns, Cpy,Aspy. 52.2-52.9 Quartz 80%,po,py 20%.	48.20	52.90	4.70	5126	358	14	2421	0.9	562	16.30	17
52.9	85.0	(AMPHIBOLITE-BANDED,GARNETIFEROUS SECTIONS) Black,pale green,white banded (60%).Banding at 75 to CA. Fg hbl 60%,qtz 20%,epidote + plag (banding) 10%. F-mg pink garnets 10%, irregularily distributed cm. to .2' bands,bands up to 60% garnet. Traces fg pyrite in ep-plag-quartz banding. Uniform texture,composition. Sharp contacts.	52.90	85.00	32.10	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
85.0	88.2	(QTZ-BTE-PO-PY SCHIST) Grey banded fg qtz-bte 10% schist.Po 35%,Py 10%,Zns 1-2%, traces magnetite.Po,py occur as diss. fg crystals,as bands, and as matrix cementing finely brecciated qtz-bte schist. 85.0-88.2 Po 40%,py 10%,Zns 1%. 85.0-86.0 Po 40%, Zns 2%.	85.00	88.20	3.20	5127	60	20	274	0.4	665	5.16	35
88.2	91.8	(QTZ-BTE SCHIST) Grey-black (bte) banded schist,fg qtz 75%,bte 20%,py 5%. Traces fg pink garnets. Biotite banding 60%/.2' near base of unit.	88.20	91.80	3.60	5128	459	42	5181	0.9	1107	13.64	4

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB28

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	ASSAYS Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
91.8	113.5	(AMPHIBOLITE-BANDED)	91.80	95.00	3.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Green-grey banded at 70 to CA.	95.00	97.50	2.50	5129	610	3	117	0.6	327	7.85	89
		Fg hbl 50%, qtz 30%, bte 20% schist,mm. to cm. bte bands,	97.50	113.00	15.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		quartz banding,minor garnet banding.											
		Traces pyrite,mm. bands,sections silicified with py to 20%.											
		95.0-95.5 15% py banding,foliated at 50 to CA.-change-folial fold.											
		97.0-97.2 Vuggy py-qtz sulfide breccia,Cpy blebs 10%top.1'.											
113.5	118.5	(GRANITE PEGMATITE)	113.00	116.00	3.00	5130	59	17	53	0.3	249	2.73	18
		Pink,mg K-feldspar,x-cut top contact,Minor interstitial py stringers to 115.5'.	116.00	118.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
118.5	119.3	(AMPHIBOLITE-ALTERED + MASSIVE SULFIDE SECTIONS)											
		118.5-119.0 Bte 70%,qtz 20%,py 10%-contact margin G.P.											
		119.0-119.3 Qtz 50%,py 50%,massive sulfide,tr.Cpy on x-frac											
119.3	128.7	(AMPHIBOLITE-BANDED,ALTERED)	118.00	120.00	2.00	5131	242	30	3122	1.4	661	7.50	45
		Weakly silicified.	120.00	122.00	2.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Grey,brown banded hbl 60%,qtz 30%,bte 10%.Banded at 80 toCA	122.00	123.90	1.90	5132	82	14	353	1.5	286	7.77	44
		Trace py,po,bands,qtz,bte banding,traces fg pink garnets.	123.90	127.00	3.10	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		123.0-123.2 Vuggy qtz-py massive sulfide section.											
		127.4-127.5 Cm. py band in silicious,bte .3' band.											
128.7	129.8	(QUARTZITE + MASSIVE SULFIDE SECTIONS)											
		Grey,banded at 80 to CA.,with contoreted sections.											
		Fg qtz + po bands.Occasional Graphitic bands.Po 30%.											
		Massive sulfide section .4',vuggy,qtz 30%,py 50%,graph.18%, Zns 2%.											
		129.4-129.8 MS,py-graph-Zns section.											
129.8	158.1	(AMPHIBOLITE)	127.00	130.50	3.50	5133	185	TRACE	1034	0.4	261	6.37	26
		Black,grey colour,minor bte,qtz banding near top of section.Fg hbl 60%,qtz 30%,bte 10% schist.	130.50	158.10	27.60	N.S.	N.S.	N.S.	N.S.	N.S.	NIL	N.S.	N.S.
		Traces pyrite.											
		142.0-158.1 Speckled hbl-qtz schist,uniform texture,comp.. NVS.											
158.1	167.3	(QTZ-BTE SCHIST + MASSIVE SULFIDE SECTIONS)	158.10	159.80	1.70	5134	68	TRACE	703	0.2	372	3.19	12
		Grey,white banded, fg. qtz 90%,bte 10% schist.Generally	159.80	162.60	2.80	5135	519	16	3238	0.9	441	13.47	17
		qtz with fine biotite banding.Traces po,py,Zns.	162.60	164.50	1.90	5136	239	29	2136	0.5	344	6.67	96
		Massive sulfides occur in narrow sections to 2.',with po to 60%, graphite to 20%, py 10%,and Zns 2-3%,Zns occurs within po stringers,rarely within py bands.Trace magnetite.	164.50	166.00	1.50	5137	253	11	2438	0.6	430	9.27	334

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB28

									ASSAYS				
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		Sulfide sections often display finely brecciated texture;											
		qtz-bte schist cemented by a po-py-zns matrix.											
		158.1-159.8 Traces py,po,Zns.											
		159.8-162.6 Po 40%,graphite 20%,py 10%,Zns 1-2%.											
		162.6-164.5 Traces py,po.											
		164.5-166.0 Po 30%,py 10%,Zns 1%,massive graphite band.											
		166.0-167.3 Traces po,py.											
167.3	191.2	(AMPHIBOLITE-BANDED)	166.00	168.00	2.00	5138	58	TRACE	187	0.2	165	2.63	80
		Green black banded hbl-qtz-bte schist,ep-qtz-py bands;	168.00	170.00	2.00	5139	66	4	72	0.1	222	3.39	47
		bands 5% to 1cm.,near top 10.'.	170.00	175.00	5.00	5140	58	11	75	0.7	374	3.98	38
		Sections black,massive,weakly foliated hbl-qtz schist	175.00	180.50	5.50	5141	45	7	68	0.4	352	3.59	14
		finely cross fractured,with white quartz coatings.	180.50	191.00	10.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Traces pyrite.											
191.2	193.0	(QUARTZITE)											
		Orange-grey finely banded fg cherty qtz schist,finely											
		brecciated texture (qtz breccia,qtz matrix).											
		Sharp contacts.NVS.											
193.0	220.3	(QTZ-BTE SCHIST + QUARTZITE + AMPHIBOLITE BANDS)	191.00	193.70	2.70	5142	28	16	182	TRACE	722	4.37	20
		Generally fg qtz-bte 2%,grey,finely qtz banded schist,with	193.70	196.00	2.30	5143	88	20	293	0.4	720	10.25	18
		minor py,po banding. Traces Zns.	196.00	199.60	3.60	5144	66	18	356	TRACE	561	4.34	28
		Narrow sections (3-.5') hbl-qtz-bte (green black banded),	199.60	203.80	4.20	5145	78	12	375	TRACE	809	5.07	12
		with ep-plag-qtz,pyritic bands.Trace fg pink garnets.	203.80	208.40	4.60	5146	53	8	207	TRACE	509	3.95	24
		Minor orange-grey quartzite banded sections (2-1.').	208.40	212.80	4.40	5147	87	10	297	TRACE	652	5.61	28
		193.8-194.0 Sulfide breccia,py 70%,qtz 30%.	212.80	217.00	4.20	5148	152	16	849	TRACE	720	5.58	43
		204.6-204.7 Traces Zns in quartzite,with pyrite 10%.	217.00	220.30	3.30	5149	174	15	137	0.2	419	7.63	158
		206.5-207.5 Quartzite,orange,finely brecciated.											
		212.8-213.1 Qtz vien,py 20%,tr. aspy.											
220.3	245.8	(QTZ-PO-BTE SCHIST)	220.30	224.00	3.70	5150	380	22	2153	0.6	842	9.19	37
		Grey banded,fg qtz 50%,po 30%,bte 10%,py + graphite 8%,	224.00	226.00	2.00	5151	180	17	3173	0.7	594	10.49	34
		Zns 2%.Banded at 60 80 to CA.(variable).	226.00	229.00	3.00	5152	81	15	531	0.3	726	5.63	29
		Sulfides occur as fg disseminated xls,mm bands,irregular	229.00	233.00	4.00	5153	260	12	1482	0.9	715	9.42	25
		fine stringers.	233.00	238.00	5.00	5154	430	34	2530	0.8	870	11.92	18
		Po rich sections (60%) often include fg blebs Zns,with up	238.00	242.00	4.00	5155	245	41	2646	1.1	829	9.43	52
		to 20% graphite.											
		Traces Cpy,trace aspy.(239.0')											
		Minor (2-1.') Po-sulfide breccia sections with po 60%,											
		qtz 30%,traces Zns.											
		220.3-222.5 Po 30%,minor py,graphite,traces Zns,Cpy..											
		222.5-224.0 Bte banding,traces po,py.											
		224.0-225.5 Po 40%,py 15%,graphite,traces Zns.											

PROPERTY: OneMan Lake
HOLE No.: CB28

									ASSAYS				
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		225.5-229.0 Qtz-bte,traces sulfides.											
		229.0-232.0 Po 40%,py 5%,traces graphite,Zns.											
		232.0-233.8 Qtz-bte schist,po 10%.											
		233.8-245.8 Po 40%,graphite 5%,traces Cpy,Aspy.											
245.8	285.5	(QTZ-BTE SCHIST)	242.00	246.00	4.00	5156	498	46	3222	1.3	572	9.91	36
		Felsic fragmental.	246.00	249.00	3.00	5157	63	22	356	0.3	590	3.55	46
		Grey-whitish banded at 70 to CA.,Fg qtz 95%,bte 5%.	249.00	255.00	6.00	5158	32	24	149	0.2	543	3.06	57
		Bands of pale beige,greenish grey vfg qtz-bte material.											
		Fragments mm. to .3',traces pyrite.											
		278.3-279.3 Graphite cm. band,1.' broken core.											
285.5	292.5	(GRANITE PEGMATITE)											
		White,grey. Cg. plagioclase,bte 2%,muscovite 2%.											
		Traces pyrite.											
292.5	304.0	(QTZ-MUSC-BTE SCHIST)	255.00	302.00	47.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Similar to previous section-gradational.	302.00	304.00	2.00	5159	32	21	166	0.2	499	3.88	221
		Fg. musc 5-10%,musc. content gradual increase to 10%.											
		Trace pyrite.											
		303.4-304.0 Po banding 15%.											
304.0	306.0	(MASSIVE SULFIDE)	304.00	306.00	2.00	5160	112	27	198	0.6	776	24.70	14
		Sulfide breccia. Po matrix,70%,qtz fg to pebble clasts 30%.											
		Unit includes .5' qtz-po-py finely brecciated schist at											
		base of unit,graphitic.											
306.0	309.8	(QTZ-BTE-MUSC-GRAPHITE SCHIST)	306.00	309.00	3.00	5161	20	12	170	0.1	650	3.53	24
		Grey,finely banded,variable composition.											
		306.0-307.5 Qtz-bte,graphite 5-10%.											
		307.5-309.2 Qtz-bte,musc 5% finely brecciated schist,tr.po.											
		309.2-309.8 Qtz-po 30%-bte 5%,graphitic schist.											
309.8	310.8	(MASSIVE SULFIDE)											
		Similar to previous unit.Sharp contacts,with qtz-po-py-bte											
		banded schist .3' along lower margin.											
		Contorted foliation,banded at 30-40 to CA.											
310.8	378.8	(QTZ-MUSC-BTE SCHIST)	309.00	311.50	2.50	5162	95	12	297	0.2	609	13.16	18
		Grey,white banded schist,banded at 60-70 to CA.	311.50	315.00	3.50	5163	29	8	214	0.1	808	5.91	3
		Qtz,musc 10%,bte 5%.											
		Felsic fragments 20%; Fg qtz-bte mm. to cm. beige,milky											
		pale green colour,traces po.											
		310.8-315.0 Po banding 10%.											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB28

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		310.8-351.0 Muscovite rich. 351.0-378.8 Biotite > muscovite.											
378.8	386.2	(GRANITE PEGMATITE) White,cg,minor assimilated felsic schist sections, traces pyrite along contact margins.											
386.2	396.0	(QTZ-MUSC-BTE SCHIST) Similar to previous unit.Foliated,weakly banded at 70 to CA..Muscovite,biotite rich sections. Relict felsic fragment textures.	315.00	396.00	81.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		96.0 (E.O.H.)											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: cb29
Collar Eastings: 1900.00
Collar Northings: 135.00
Collar Elevation: 0.00
Grid: Grid B

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 443.00 feet

Logged by: P. Barc
Date: Dec. 17-19, 1991
Down-hole Survey:

							ASSAYS						
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.0	25.0	(CASING)											
25.0	27.5	(AMPHIBOLITE-BANDED) Green-white (quartz) banded on a cm. scale. Foliated,banded at 70 to CA. Hbl 60%,qtz 25%,ep 5% schist. Quartz-epidote banding often contains traces pyrite. Sharp lower contact.	0.00	27.50	27.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
27.5	30.3	(QTZ-PO SCHIST + MASSIVE SULFIDE SECTIONS) Green-white banded near top,generally grey (qtz),po banded schist,foliated at 70 to CA. Qtz 50%,po 49%,Zns 1%. Po occurs as fg crystals,occasional mm. bands,often with traces Zns. Massive sulfide sections; 3,narrow, to .3';vuggy,qtz 30%, f-cg py 50%, po 20%. Sulfide cemented finely brecciated qtz schist.	27.50	30.30	2.80	5164	180	16	1015	0.6	806	9.92	16
30.3	33.2	(GRANITE PEGMATITE) Pink,cg K-feldspar,sections finely brecciated,with fg muscovite cement. Top contact 70 to CA.,lower ct. 30 to CA. Interstitial fg py,fg bands 2-3%.	30.30	33.20	2.90	5165	14	TRACE	53	0.1	84	1.17	TRACE
33.2	36.0	(QTZ-PO SCHIST) Similar to previous unit,without MS. sections. Foliated at 50 to CA. Traces bte, Zns.	33.20	36.00	2.80	5166	125	10	146	0.3	414	7.06	13
36.0	77.9	(QTZ-PO SCHIST) Grey-white banded (mm scale),white speckled schist. Qtz 90%,bte 8%, disseminated fg po 2%,traces py. Decrease in sulfide content towards base of unit. Traces fg pink garnets. Weakly developed mg qtz phyric texture. Banded at 70 to CA..Weakly developed fragmental texture towards base of unit;ie;whitish green,beige cm.lenses of vfg. qtz,bte,garnets.	36.00	39.20	3.20	5167	23	18	89	0.2	478	2.69	91
			39.20	77.90	38.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: cb29

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
77.9	112.3	(AMPHIBOLITE-BANDED, GARNETIFEROUS SECTIONS) Greenish black fg hbl-qtz schist, mm.bte bands 10-15%. 5-10% f-mg pink garnet bearing sections (to .5'). Occ. qtz-epidote-py cm to .3' bands. Decreased bte, garnet banding towards base of unit. Well foliated, banded at 75 to CA. Sharp top ct., gradational lower ct.. 81.0-81.3 Ep-qtz-plag, garnet band, po+py 20%, 2% Cpy.. 111.2-111.9 Broken core	77.90	81.60	3.70	5168	197	14	95	0.4	774	4.94	50
112.3	121.0	(AMPHIBOLITE-SPECKLED) Pale green-grey, green black(hbl) speckled schist. Generally f-mg hbl. 75%, qtz 25%, traces fg pyrite. Weakly developed qtz banding (<5%, on a mm. scale). Weakly foliated, banded at 70-80 to CA..											
121.0	136.3	(AMPHIBOLITE-BANDED) Similar to 25.0-27.5' Minor fg garnetiferous banding near base of unit, biotite banding; 134.0-136.3'.	81.60	136.00	54.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
136.3	137.2	(QTZ-HBL-BTE-PO,PY SCHIST) Qtz 50%, hbl 40%, bte 5%, po + py 5%. Grey, fg weakly banded schist. Po + py as occ. mm. bands.											
137.2	138.0	(AMPHIBOLITE) Green-black, hbl 60%, qtz 30% schist, bte 10% (mm. bands). Minor po, py.	136.00	138.00	2.00	5169	70	10	151	0.1	405	4.21	17
138.0	139.2	(QTZ-PY-PO-HBL SCHIST) Grey (qtz), green black (hbl) banded schist. Py + po 50%, py, po occur in sections (2-.2'), with qtz, as fg blebs, fine stringers, .1' band py 70%, qtz 30%. Traces Zns.	138.00	139.20	1.20	5170	234	21	1870	0.7	325	9.04	72
139.2	140.2	(AMPHIBOLITE) Similar to 112.3-121.0'. Fg hbl-qtz, hbl speckled schist. Uniform texture, comp.. Minor biotite banding, weakly banded, foliated at 80 to CA.. Traces pyrite.											
140.2	149.2	(QTZ-BTE-HBL-PY SCHIST) Grey, brown (bte), green (hbl) fg banded schist.	139.20	146.00	6.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
			146.00	149.20	3.20	5171	166	3	117	0.6	139	3.13	16

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: cb29

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
									ASSAYS				
		Qtz 60%,hbl 20%,bte 15%,py 5% (mm. bands),minor po bands.											
		Crudely segragated into sections,bands.											
149.2	184.5	(AMPHIBOLITE)	149.20	184.50	35.30	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Speckled schist,similar to 139.2-140.2'.											
		Minor py,bte bands (esp. near top,lower 5.')											
184.5	224.7	(QTZ-PY-PO-GRAPHITE SCHIST + AMPHIBOLITE BANDS)	184.50	188.00	3.50	5172	217	52	2096	1.1	480	5.56	27
		Inhomogenous schist.	188.00	192.00	4.00	5173	442	29	1823	0.7	475	6.62	17
		Grey (qtz,graphite),sulfide (py,po) banded schist.	192.00	195.00	3.00	5174	270	20	1865	1.1	435	8.15	20
		Foliated at 50-70 to CA.-variable-drag folding.	195.00	198.60	3.60	5175	118	2	145	0.5	447	7.73	41
		Generally qtz 45%,py>>po,traces fg Zns.Py + po + Zns total	198.60	203.60	5.00	5176	379	48	2919	1.3	366	9.19	114
		35%,graphite occurs as fine (mm.) bands in sections,	203.60	208.00	4.40	5177	115	12	800	0.8	427	6.69	35
		total graphite 15%.	208.00	213.00	5.00	5178	228	40	1934	2.5	381	8.99	47
		Biotite occurs as fg laminations in isolated sections.	213.00	218.00	5.00	5179	98	19	471	0.7	753	5.85	34
		Total bte. 5%.	218.00	222.00	4.00	5180	148	26	1196	1.1	798	6.45	17
		Minor sections finely brecciated Qtz schist cemented by											
		sulfides.Minor massive sulfide-sulfide breccia sections,											
		to .2'.											
		Amphibolite bands; 2 to 3.';Green,white (qtz) banded,											
		fg hbl-qtz-bte 20% banded,po,py to 20% in ep-qtz-plag											
		banded sections.											
		184.5-194.6 Qtz-py-po banded,graphite,traces Zns.											
		194.6-198.6 Amphibolite-banded,py,po.											
		198.6-204.0 Qtz-po,py banded,graphite,Zns 2%.											
		204.0-207.5 Amphibolite,minor po,py.											
		207.5-224.7 Qtz,qtz-bte schist,40% qtz-py-po sections,											
		graphite,tr.Zns,minor cherty orange sections.											
224.7	229.3	(GRANITE PEGMATITE)	222.00	226.00	4.00	5181	153	16	1793	1.2	439	4.24	22
		Pink,cg,sharp contacts, at 90 to CA.	226.00	229.30	3.30	5182	19	8	136	0.6	183	1.05	18
		Weak brecciated texture in sections.											
		Interstitial py,minor bands 2-3%.											
229.3	256.2	(QTZ-BTE SCHIST)	229.30	232.00	2.70	5183	34	18	176	TRACE	587	3.06	30
		Grey,white/black banded,weakly foliated at 80-90 to CA..											
		Fg qtz-bte 10% schist,sections fragmental texture;											
		fg qtz-bte-ser cm.to.3' felsic clasts,pale green,white.											
		248.0-252.0 Red-hematite staining near base of unit.											
		Traces pyrite.											
256.2	283.7	(GRANITE PEGMATITE)											
		F-cg,pink,K-feldspar.											
		Weak brecciated texture,muscovite matrix.Weakly foliated											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: cb29

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		at 40 to CA..Sharp contacts at 90 to CA.. Traces pyrite.											
283.7	285.0	(QTZ-PO-BTE SCHIST) Grey,qtz-bte 10%,po 10%,minor graphite banding. Gradational lower ct..											
285.0	315.5	(QTZ-BTE SCHIST) Grey,fg,qtz,bte 20%,qtz,bte banded,py 2%. Uniform comp'n,texture.											
315.5	359.0	(QTZ-MUSC-BTE SCHIST) Grey-white-red-black banded,mm scale. Inhomogenous;Felsic fragmental?,possible banded rhyolite. Arbitrary top contact,based on presence of muscovite. Qtz,feldspar,bte to 20%,musc 5-10% fg schist. Red banding,hematite. Fractured,1 per 2.',2' broken core section. NVS. 355.0-359.0 Broken core,ct.margin.											
359.0	425.0	(GRANODIORITE) White,black speckled,banded;bte,musc.. Qtz,K-feldspar f-cg,bte + musc 20%. Weakly banded-augen textured sections,foliated at 70 to CA. Gradual increase in grain size,vfg to mg. Sharp lower ct.,NVS. 359.0-361.0 Broken core,pink,weak mylonitic textured.	232.00	425.00	193.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
425.0	427.0	(QTZ-HBL-BTE SCHIST) Banded,20% fg hbl bands,bte bands. Minor garnets,trace pyrite. Arbitrary lower ct..											
427.0	435.0	(QTZ-BTE SCHIST) Minor hbl bands,bte 20%,bands. Minor po banding,trace Zns. Weakly developed felsic fragmental texture. Foliated,banded at 70 to CA..	425.00	430.00	5.00	5184	37	17	207	0.6	508	3.16	41
435.0	443.0	(GRANODIORITE)	430.00	435.10	5.10	5185	19	8	125	TRACE	345	2.11	97
		Similar to previous unit.	435.10	439.80	4.70	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Cg to pegmatitic in sections.	439.80	443.00	3.20	5186	13	36	135	0.1	423	2.05	64
		Minor py,po,interstitial,traces garnets.											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: cb29

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		Weak biotite-gneissic texture near base of unit.											
	43.0	(E.O.H.)											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB30
Collar Eastings: 2000.00 (meters)
Collar Northings: 145.00
Collar Elevation: 0.00
Grid: Grid B

Collar Inclination: -45.00
Grid Bearing: 0.00
Final Depth: 326.00 feet

Logged by: P. Barc
Date: Dec. 19-21, 1991
Down-hole Survey:

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
									ASSAYS				
0.0	5.0	(CASING)											
5.0	10.4	(AMPHIBOLITE-BANDED) Green-white (epidote-plag-qtz-traces py,po) finely banded at 70 to CA..Fg hbl-qtz schist (green),white banded. Minor fg bte bands. Uniform composition,texture.	0.00	10.40	10.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
10.4	17.2	(GRANITE PEGMATITE) Pink,fg,cross fractured with pyrite coatings.Abundant broken core.Cg massive quartz-lower 2/3-barren.	10.40	12.50	2.10	5187	29	6	11	TRACE	64	1.19	9
17.2	38.2	(AMPHIBOLITE-BANDED,GARNETIFEROUS SECTIONS) Similar to previous section.Sharp upper,gradual lower ct. Sim. to prev. section,with addition of f-cg garnetiferous, biotite banding sections. Garnet sections to .8' of up to 40% pink garnets,plus po,py fg ,bands. Total po + py <5%. Increase in po,py towards base of unit.	12.50	26.00	13.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
			26.00	31.00	5.00	5188	71	TRACE	30	0.6	262	3.06	147
			31.00	36.00	5.00	5189	86	5	28	0.9	297	3.72	323
38.2	40.0	(QTZ-BTE SCHIST) Grey,bte banding 10%,fg diss. po,mm.bands 30%.Fg py 5%. Gradual lower,upper contact.	36.00	38.40	2.40	5190	86	3	90	0.5	453	3.84	87
			38.40	40.00	1.60	5191	549	30	2969	1.4	768	14.94	18
40.0	52.7	(QTZ-BTE-PO-PY SCHIST,MASSIVE SULFIDE SECTIONS) Grey banded fg schist,qtz,bte 10%,banding. Po,fg disseminated,minor pyrite.Total sulfides 35%. Massive sulfides in sections 1.' to 3.'as sulfide breccia qtz-po,and as banded-po,py,graphite to 20%, Zns to 1%,traces Cpy,aspy. 46.0-48.5 Muscovite 5%,po 20%. 47.0-52.0 Po 60%,tr. py,Zns traces. 52.0-52.7 Po 20%,Zns 2-3%,fg blebs in po bands.	40.00	43.30	3.30	5192	195	23	2753	0.9	1024	9.61	33
			43.30	47.00	3.70	5193	337	8	581	0.9	597	12.28	17
			47.00	51.00	4.00	5194	217	12	536	TRACE	702	9.28	51
52.7	79.0	(QTZ-BTE SCHIST) Grey,black,white banded felsic tuff.Fragmental textured sections. F-mg qtz,weak porphyritic textured sections,bte 10-15%, banded.Minor sections of fg qtz-bte-ser?-feldspar fragments	51.00	53.00	2.00	5195	167	15	209	0.2	453	9.53	126
			53.00	57.00	4.00	5196	27	19	98	TRACE	500	3.50	47
			57.00	60.00	3.00	5197	15	15	62	0.3	344	2.40	23

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB30

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		5% size from mm. to .2'. Generally finely banded at 75 to CA. Gradual decrease in grain size to base of unit. Traces fg pink garnet, pyrite.											
79.0	81.6	(GRANITE PEGMATITE) Pink, mg, cg patches K feldspar. Top ct. at 40 to CA., Weakly foliated.											
81.6	131.4	(AMPHIBOLITE BANDED) Similar to previous section. Minor garnet banded section-.5', minor bte bands, decrease in ep-qtz-plag-py, po banding towards base of unit.	60.00	131.40	71.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
131.0	136.0	(QTZ-BTE SCHIST + QTZ-PY-PO-GRAPHITE-ZNS SECTIONS) Grey, qtz-bte 5%, fg schist, minor hbl rich bands, traces py, po 2 sections (.2', .6') qtz-bte, py 60%, minor po, graphite, with traces Zns-finely braided, laminated sulfide schist. Sharp contacts. 133.1-133.3 Qtz-py-graphite-po, traces Zns. 135.1-135.5 Qtz-py-graphite, po, traces Zns.	131.40	136.00	4.60	5198	187	14	1037	1.4	589	6.90	87
136.0	153.2	(AMPHIBOLITE) Speckled fg hbl schist. Green black, massive-weakly foliated at 90 to CA.. Traces py in qtz bands.	136.00	153.20	17.20	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
153.2	160.0	(GRANITE PEGMATITE) Fg, K-feldspar, green-white with bte bands-assimilated xenoliths. Gradational colour to fg pink foliated at 50-60 to CA. 153.2-156.0 Vuggy, interstitial py 5%-in bte rich section.	153.20	156.00	2.80	5199	46	23	238	0.4	936	6.54	19
			156.00	160.00	4.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
160.0	168.0	(QTZ-BTE SCHIST + QTZ-PY-PO-GRAPHITE-ZNS SECTIONS) Grey, qtz-bte 5-10%, fg, with 5-10% fg sulfides disseminated. Sections to 1.' of py 60% or po 60%, graphitic. Zns to >3% over 1.' section. Banded at 50 to CA., variable. 160.0-166.0 small scale drag folds top 1.' py 40%, po 25%, zns 166.0-168.0 Po rich-40%, py 20%, graphite, Zns 3%, Cpy 1-2%.	160.00	164.00	4.00	5200	673	21	2955	0.9	466	8.70	42
			164.00	168.00	4.00	5201	409	23	2476	1.1	628	8.90	15
168.0	173.5	(AMPHIBOLITE) Green-white banded, qtz, mm bands 20%. Fg hbl-qtz schist, cross banded-qtz, traces pyrite.	168.00	173.50	5.50	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB30

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	ASSAYS Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
173.5	184.2	(QTZ-BTE SCHIST + QTZ-PO-PY-ZNS SECTIONS) Banded, sections; Grey (quartz, bte 5%, minor orange cherty section near top). Sulfide sections-clastic fragmental texture? Po, Zns-garnet quartz banded cobble sized (to .2') clasts. Top 8.'. Clasts strained, brecciated texture. Graphitic interbands. Total sulfides Po 20%, py 20%, Zns 2%. 173.5-176.0 Cherty bands, graphite, qtz-bte, minor py. 176.0-178.0 Po 20%, py 5%, Zns 2%-Clasts? Minor graphite. 178.0-180.0 Orange cherty clasts, minor hbl. bands, garnet bands, qtz-bte bands. Po 5%, py 5%. 180.0-184.2 Orange-cherty, clasts? Py 30%, po 10%. 182.0-182.8 Graphite-crumbly broken core. Shear?	173.50 176.00 178.00	176.00 178.00 184.20	2.50 2.00 6.20	5202 5203 5204	187 256 173	20 20 20	1418 1776 1141	1.6 0.5 0.6	735 462 519	7.15 9.69 6.93	89 14 16
184.2	186.4	(GRANITE PEGMATITE) Orange, f-mg K-feldspar. Cg-quartz rich section 1.', py 2%.	184.20	186.40	2.20	5205	37	7	145	0.3	144	1.66	28
186.4	248.8	(QTZ-BTE SCHIST) Felsic tuff-breccia. Grey qtz-bte 5% white-black banded. Minor fg musc. banding near base of unit. Felsic fragments cm. to .2' over sections to 5%, traces py. Weak qtz, Fds? porphyritic textured matrix-narrow sections. 197.5-197.6 Traces fg Aspy. 236.0-248.0 Muscovite 5%.	186.40	189.00	2.60	5206	17	14	86	0.2	376	2.00	6
248.8	260.0	(GRANITE PEGMATITE) White, pink, mg to cg K-feldspar, musc., bte.. Weakly foliated, banded at 50 to CA.											
260.0	269.0	(QTZ-BTE SCHIST) Similar to previous section. Increased bte content to 10%, mm bands.											
269.0	279.8	(GRANITE PEGMATITE) Similar to previous section. Minor assimilated xenolith, traces py.											
279.8	287.0	(QTZ-HBL-BTE SCHIST) Similar to previous section, 10% hbl. banding.											
287.0	289.6	(QTZ-BTE SCHIST) As above, bte content increased to 20%, traces musc..											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB30

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
289.6	294.6	(GRANITE PEGMATITE) Similar to previous section,white.											
294.6	326.0	(QTZ-BTE-MUSC SCHIST) Banded Rhyolite? Grey,white banded,foliated at 80 to CA.. Qtz,feldspar,bte 5-10%,musc 2% schist. Fg,weak qtz phyric texture. Fairly uniform texture,composition. NVS.	189.00	326.00	137.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.

26.0 (E.O.H)

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB31
Collar Eastings: 2500.00 (meters) Collar Inclination: -45.00 Logged by: P. Barc
Collar Northings: 140.00 Grid Bearing: 0.00 Date: Dec. 28-30, 1991
Collar Elevation: 0.00 Final Depth: 256.00 feet Down-hole Survey:
Grid: Grid B

									ASSAYS				
FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
0.0	32.0	(CASING)											
32.0	33.0	(AMPHIBOLITE BANDED) Green,pale,fg qtz 60%,hbl 30% banded schist.Silicified, Minor bte bands,8%.Minor ep-qtz lenses;2%.Trace pyrite.	0.00	32.80	32.80	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
33.0	46.2	(QTZ-BTE-PO-PY-ZNS-CPY SCHIST,AMPHIBOLITE SECT.)	32.80	35.00	2.20	5207	87	9	435	0.5	393	3.54	23
		Generally grey,fg qtz-bte 5-10% finely banded schist,	35.00	37.50	2.50	5208	269	26	1589	0.9	632	6.03	35
		minor hbl bands,traces py,po,zns,cpy.	37.50	41.80	4.30	5209	50	10	547	0.3	339	4.07	49
		Foliated at 70 to CA.	41.80	46.20	4.40	5210	254	48	2686	0.7	483	7.89	31
		Sections mineralized;Py,po to 25% as fine streaks,blebs to .05'.Minor graphite bands. Fine streaks,blebs Zns,cpy,plus qtz.,in po,py,esp.36.8. Zns total 2-3%,Cpy 2%. Sulfide greatest abundancy (>50%) in contorted-drag folded section 42.5-46.0'-near lower ct. with granitic unit. Minor section silicified amphibolite; Pale green f-mg qtz-hbl-bte-talcose mineral,banded. Minor py-po-ep-qtz clasts? esp. near margins. Gradational contacts between sections. 32.8-36.0 Qtz-bte schist,py,po to 20%,tr.Cpy-mm x-band. 36.0-37.2 Qtz-bte-po-py,Zns-cpy 3%,cpy-qtz frac. coating. 37.2-41.8 Pale green;Amphibolite interband,tr.Zns,cpy. 41.8-46.2 Contorted,drag folded,py,po 50%,graphite,Zns,cpy.											
46.2	74.4	(GRANITE PEGMATITE)	46.20	48.20	2.00	5211	12	25	54	0.3	172	1.39	14
		Mylonitic textured;Pink,f-cg K-feldspar,qtz rounded, strained grains,in a fg muscovite matrix.Foliated,wkly banded at 70 to CA.. Minor fg pink garnets. Minor interstitial py.	48.20	73.60	25.40	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
74.4	76.7	(AMPHIBOLITE-BANDED) Silicified;Generally green-white qtz 60%,hbl 30%,ep 5%, bte 5% banded.Minor fg garnet bands. 5% patches plag-ep mm to cm bands. Gradational lower ct..	73.60	76.70	3.10	5212	81	15	780	0.4	535	5.01	80
76.7	82.5	(QTZ-BTE-GRAPHITE-PO-PY-ZNS-CPY SCHIST) Inhomogenous unit.	76.70	79.80	3.10	5213	259	11	4235	0.8	835	12.47	39

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

PROPERTY: OneMan Lake
HOLE No.: CB31

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	ASSAYS Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		Generally fg grey-brown banded fg qtz 70%,bte 5%,graph.5%.											
		Py,po mm bands 20%.Minor ep-plag-qtz relict frags? to cm.											
		Sections of greatest sulfide % appear as cementing wkly											
		brecciated qtz-bte schist,cntd. foliation sections,sulfide											
		concentrated along noses of .5' drag folds.											
		Zns 4%; fg blebs within po,less within py stringers.											
		Traces Cpy,coating along x-fracture at 80.7'.											
		76.7-79.0 Py>po,Zns 4%.											
		78.2-78.6 Py 60%-qtz-bte-Zns 2%.											
		78.8-78.9 .1' vien qtz 50%,po,py 40%,Zns 10%.											
		79.0-82.5 Po>py,Zns 2-3%,traces Cpy.											
82.5	85.2	(AMPHIBOLITE-BANDED)	79.80	83.00	3.20	5214	379	14	848	0.5	366	9.75	32
		Silicified? Qtz 50%,hbl 40%,bte 8%,ep 2%. Po+py>5%.											
		Similar to 74.4-76.7'.											
		Banded,foliated at 70 to CA..											
85.2	87.0	(QTZ-PO-HBL-PY-ZNS SCHIST)	83.00	85.50	2.50	5215	97	9	324	0.4	317	4.80	45
		Qtz 45%,po 40%,hbl 8%,py 5%,zns 2%.											
		Grey,sulfide banded,po to 60% over sections.											
		Hbl as fg mm bands,bte.											
		Po as irregular stringers cementing brecciated qtz rich											
		schist,contorted foliation over .3' sections.											
		Zns 1-2% as fg blebs in po stringers.Cpy traces along											
		x-fractures in orange cherty cm. clasts.											
		Gradational lower ct..											
87.0	169.4	(AMPHIBOLITE-WEAKLY BANDED)	85.50	88.00	2.50	5216	313	16	1222	1.0	350	8.75	56
		Uniform,fg green-black white qtz banded,bte 5%-mm bands.	88.00	91.00	3.00	5217	119	6	358	0.9	356	5.12	55
		Traces py,po mm bands.	91.00	165.00	74.00	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	N.S.
		Generally f-mg hbl 70%,qtz 20% bte 5%.Minor patches ep-hbl	165.00	169.40	4.40	5218	67	13	205	0.2	315	4.59	45
		qtz.Minor qtz bands near base of unit.											
		Gradational lower ct.,last hbl band.											
		87.0-94.0 Qtz banding 30%,py,po bands.											
		115.5-116.5 Gran.Pegmatite											
		157.0-158.0 Wkly silicified,py banding.											
		157.0-169.4 wk sil'd,bte bands 15%.3-.2' qtz-po-py viens.											
169.4	192.0	(QTZ-BTE-GRAPHITE-PY-PO SCHIST)	169.40	174.20	4.80	5219	184	23	917	0.2	596	5.65	62
		Cherty sections,well mineralized sections.	174.20	176.50	2.30	5220	245	67	1317	1.3	498	5.61	61
		Inhomogenous;sections Grey,fg qtz-bte-graphite-py-po finely	176.50	179.40	2.90	5221	294	48	2139	1.0	350	5.71	44
		banded,total sulfides 5%,traces Zns.	179.40	183.50	4.10	5222	128	31	723	0.9	487	5.22	64
		Narrow section mineralized;2.' Qtz-graph.-py 50%.	183.50	188.50	5.00	5223	134	37	791	0.9	454	5.94	38
		minor po,Zns 1-2%. Weak contorted fabric.											

CHAMPION BEAR RESOURCES LTD.

DIAMOND DRILL LOG

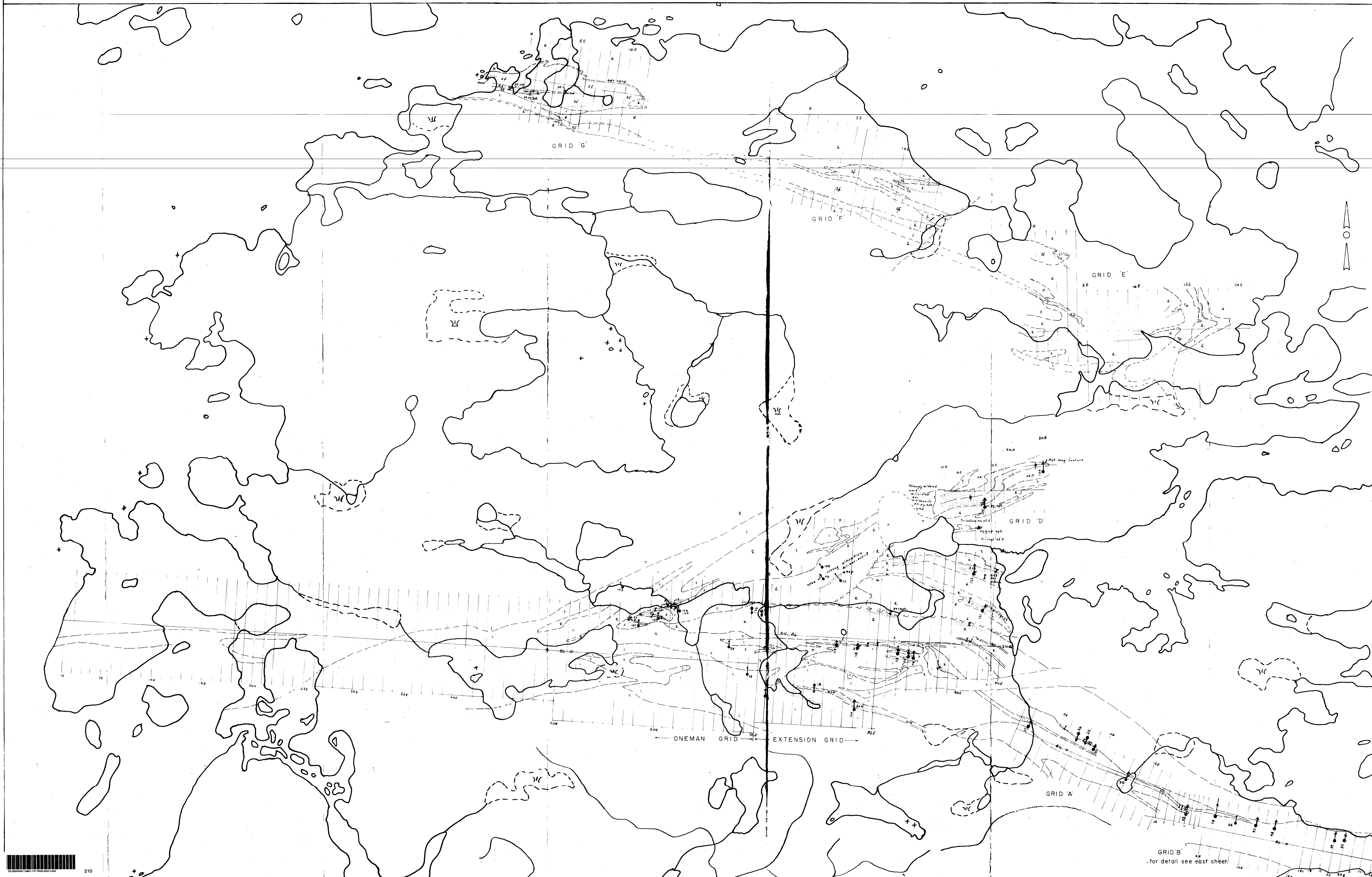
PROPERTY: OneMan Lake
HOLE No.: CB31

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	Sample	Cu(ppm)	Pb(ppm)	Zn(ppm)	Ag(ppm)	Mn(ppm)	Fe(%)	As(ppm)
		Sulfides as fine stringers,to .5 cm.,blebs. 3% Irreg. dist'd py-ep-hbl-plag cm patches-fragment relicts Narrow section massive graphite .3'. 175.1-176.0 Qtz-graph-py 30%,po 10%,tr. Zns. 176.5-178.1 Qtz-py 45% po 20%,graph.,Zns 2%. 178.1-179.5 Massive graph.,late shear? 179.8-192.0 Cherty,grey qtz,orange cm bands,py,po20%. Traces Zns.											
192.0	212.0	(QTZ-BTE SCHIST) Felsic tuff-fragmental sections. Grey,white speckled mg qtz-plag speckled phyric in sections Disseminated bte 5%-10%,Felsic fragmental texture well developed in sections esp. to 194.0'. Generally qtz-bte schist,with 5-10% clasts f-mg qtz,fds, generally slight coarser g.s. than matrix. Gradational lower ct.											
212.0	249.8	(QTZ-BTE SCHIST) Felsic tuff-Rhyolite? Grey,fg uniform texture.Qtz-bte schist. Muscovite near lower margin. 3-.2' to .6' white granite pegmatites.											
249.8	256.0	(DIORITE) White-grey-black speckled. Qtz-plag-bte-musc mg.. Weakly foliated at 70 to CA.. Weak mylonitic texture. NVS.											
	56.0	(E.O.H.)											

HOLE No: CP


L 700 E
L 800 E
L 900 E
L 1000 E
L 1100 E
L 1200 E
L 1300 E
L 1400 E
L 1500 E
L 1600 E
L 1700 E
L 1800 E
L 1900 E
L 2000 E
L 2100 E
L 2200 E
L 2300 E
L 2400 E
L 2500 E
300 N
200 N
100 N
0 BASELINE
100 S
200 S
300 S
ZONE B-1
ZONE B-2
CB 32
CB 25
CB-27
CB 28
CB 29
CB 30
CB 31
Gosson Option
Scale 1:2500
25 0 25 50 75 100 125
(metres)
MAX-MIN HORIZONTAL LOOP LEGEND
1 cm. = 20 %
FREQUENCY: 1777 Hz
IN PHASE.
QUADRATURE.
COIL SEPARATION
100 m
+20%
0
-20%
CHAMPION BEAR RESOURCES LTD.
ONEMAN LAKE PROPERTY
PATERSON LAKE (G 2634)
KENORA MINING DIV., ONTARIO
GRID: B
HL-EM (MAXMIN) SURVEY DRILL HOLE
SURVEY DATE: JAN. 1991 LOCATION MAP
BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

200



LITHOLOGIC LEGNED

FELSIC TO INTERMEDIATE INTRUSIVE
- 7 Unsubdivided
- 7a Foliated to massive trondhjemite
- 7b Foliated to massive granodiorite to quartz monzonite
- 7c Fine to med. gr., biotite-garnet trondhjemite-granodiorite (possibly related to unit 2f)
- 7p Pegmatite

FELSIC TO INTERMEDIATE GNEISSIC
- 6 Unsubdivided
- 6a Amphibole gneiss
- 6b Biotite gneiss
- 6c Biotite-garnet gneiss
- 6d Leucogneiss (quartz and plagioclase)
- 6e Migmatitic gneiss

MAFIC AND ULTRAMAFIC INTRUSIVES
- 5 Unsubdivided
- 5a Gabbro
- 5b Porphyritic gabbro
- 5c Diorite, quartz diorite
- 5d Amphibolite (possibly mafic volcanics)
- 5e Ultramafic

CHEMICAL SEDIMENTS
- 4 Undifferentiated
- 4a Chert
- 4b Sulfide facies
- 4c Oxide facies
- 4d Silicate facies

CLASTIC SEDIMENTS
- 3 Unsubdivided

FELSIC TO INTERMEDIATE METAVOLCANICS

INTERMEDIATE TO MAFIC METAVOLCANICS
- 1h Coarse grained flows and intrusions
- 1j Migmatized mafic flows
- 1k Garnetiferous

SYMBOL LEGEND
- area of mechanical stripping
- trench
- outcrop area
- approx. boundary of topographic low areas
- steep slopes
- geological contacts defined, approximate
- gossaned outcrop
- foliation; strike, dip
- pillow facings
- small fold structures and plunge
- shear, fault.
- roads, maintained; secondary logging; trails

ABBREVIATIONS

asp	arsenopyrite	qv	quartz vein
cord	cordierite	sil	sillimanite
cp	chalcopyrite	Sill	silicified
gt	graphite	sp	sphalerite
gar	garnet	ag	silver
mag	magnetite	as	[illegible]
po	pyrrhotite	cu	[illegible]
py	[illegible]	[illegible]	[illegible]

SCALE METERS

0 100 200 300 400 500 600

CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROPERTY

GEOLOGY OML 92-1

GRID AREA: West Project Area

GEOLOGY BY : T. Pryslak, P. Barc

DATE: Dec 31/91

Independent Exploration Services Ltd.

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LITHOLOGIC LEGNED

FELSIC TO INTERMEDIATE INTRUSIVE
- 7 Unsubdivided
- 7a Foliated to massive trondhjemite
- 7b Foliated to massive granodiorite to quartz monzonite
- 7c Fine to med. gr., biotite-garnet trondhjemite-granodiorite (possibly related to unit 2f)
- 7p Pegmatite

FELSIC TO INTERMEDIATE GNEISSIC
- 6 Unsubdivided
- 6a Amphibole gneiss
- 6b Biotite gneiss
- 6c Biotite-garnet gneiss
- 6d Leucogneiss (quartz and plagioclase)
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MAFIC AND ULTRAMAFIC INTRUSIVES
- 5 Unsubdivided
- 5a Gabbro
- 5b Porphyritic gabbro
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- 5e Ultramafic

CHEMICAL SEDIMENTS
- 4 Undifferentiated
- 4a Chert
- 4b Sulfide facies
- 4c Oxide facies
- 4d Silicate facies

CLASTIC SEDIMENTS
- 3 Unsubdivided
- 3c Conglomerate
- 3d Argillite, slate, siltstone
- 3e Greywacke
- 3j Garnetiferous

FELSIC TO INTERMEDIATE METAVOLCANICS
- 2 Unsubdivided
- 2a Dacite to rhyolite - foliated
- 2b Tuff to lapilli tuff
- 2c Breccia, tuff-breccia
- ~~2d Quartz and feldspar phyric units~~
- 2f Clotted bio + gar+ silli rhyolite or altered high level intrusive

INTERMEDIATE TO MAFIC METAVOLCANICS
- 1 Unsubdivided
- 1a Massive to foliated flows
- 1b Pillowed flows
- 1c Amygdaloidal flows
- 1d Porphyritic flows - plag. phyric
- 1f Tectonized, banded flows and tuffs
- 1h Coarse grained flows and intrusions
- 1j Migmatized mafic flows
- 1k Garnetiferous

SYMBOL LEGEND
- area of mechanical stripping
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- outcrop area
- approx. boundary of topographic low areas
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- shear, fault
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ABBREVIATIONS

asp	arsenopyrite	qv	quartz vein
cord	cordierite	sil	sillimanite
cp	chalcopyrite	Sill	silicified
gt	graphite	sp	sphalerite
gar	garnet	ag	silver
mag	magnetite	as	arsenic
po	pyrrhotite	cu	copper
py	pyrite	zn	zinc

SCALE METERS

0 100 200 300 400 500 600

CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROPERTY

GEOLOGY OML 92-2

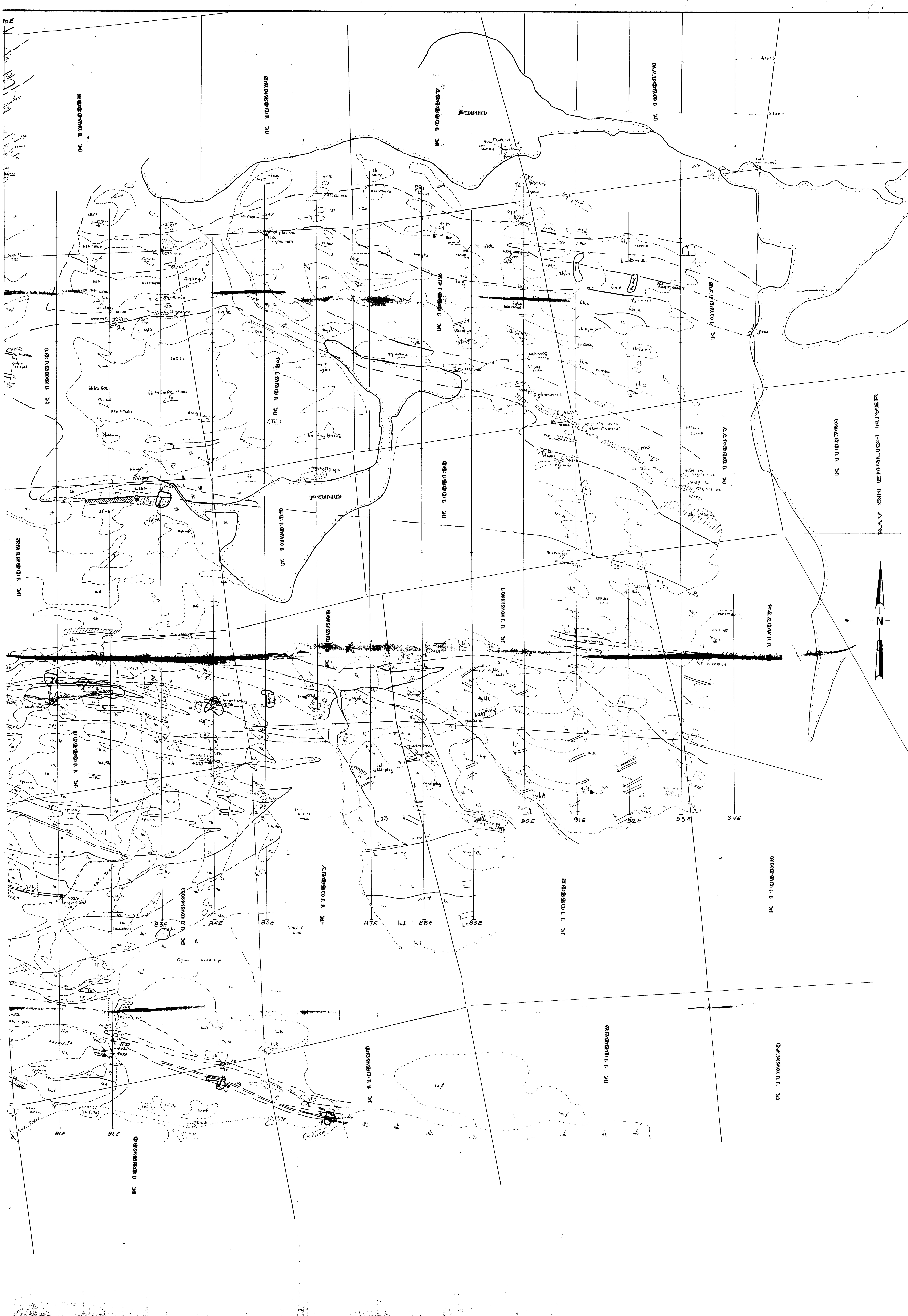
GRID AREA: East Project Area

GEOLOGY BY: T. Pryslak, P. Barc | DATE: Dec. 31/91

Independent Exploration Services Ltd.


75E
76
77
78
79
69E
70E
71E
72E
73E
74E
75E
76E
77E
78E
79E
POND
Beaver Pond
SPRUCE SWAMP
DRILL ROAD
wet area

230



LITHOLOGIC LEGNED

FELSIC TO INTERMEDIATE INTRUSIVE
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- 6 Unsubdivided
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- 6b Biotite gneiss
- 6c Biotite-garnet gneiss
- 6d Leucogneiss (quartz and plagioclase)
- 6e Migmatitic gneiss

MAFIC AND ULTRAMAFIC INTRUSIVES
- 5 Unsubdivided
- 5a Gabbro
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- 5e Ultramafic

CHEMICAL SEDIMENTS
- 4 Undifferentiated
- 4a Chert
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- 4c Oxide facies
- 4d Silicate facies

CLASTIC SEDIMENTS
- 3 Unsubdivided
- 3c Conglomerate
- 3d Argillite, slate, siltstone
- 3e Greywacke
- 3j Garnetiferous

FELSIC TO INTERMEDIATE METAVOLCANICS
- 2 Unsubdivided
- 2a Dacite to rhyolite - foliated
- 2b Tuff to lapilli tuff
- 2c Breccia, tuff-breccia
- 2d Quartz and feldspar phyric units
- 2f Clotted (Bio + gar+ sill) rhyolite or altered high level intrusive

INTERMEDIATE TO MAFIC METAVOLCANICS
- 1 Unsubdivided
- 1a Massive to foliated flows
- 1b Pillowed flows
- 1c Amygdaloidal flows
- 1d Porphyritic flows - plag. phyric
- 1f Tectonized, banded flows and tuffs
- 1h Coarse grained flows and intrusions
- 1j Migmatized mafic flows
- 1k Garnetiferous

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- roads, maintained; secondary logging; trails

ABBREVIATIONS

asp	arsenopyrite	qv	quartz vein
cord	cordierite	sil	sillimanite
cp	chalcopyrite	Sill	silicified
gt	graphite	sp	sphalerite
gar	garnet	ag	silver
mag	magnetite	as	arsenic
po	pyrrhotite	cu	copper
py	pyrite	zn	zinc

Scale 1:2500

0 50 100 150 m

CHAMPION BEAR RESOURCES LTD.

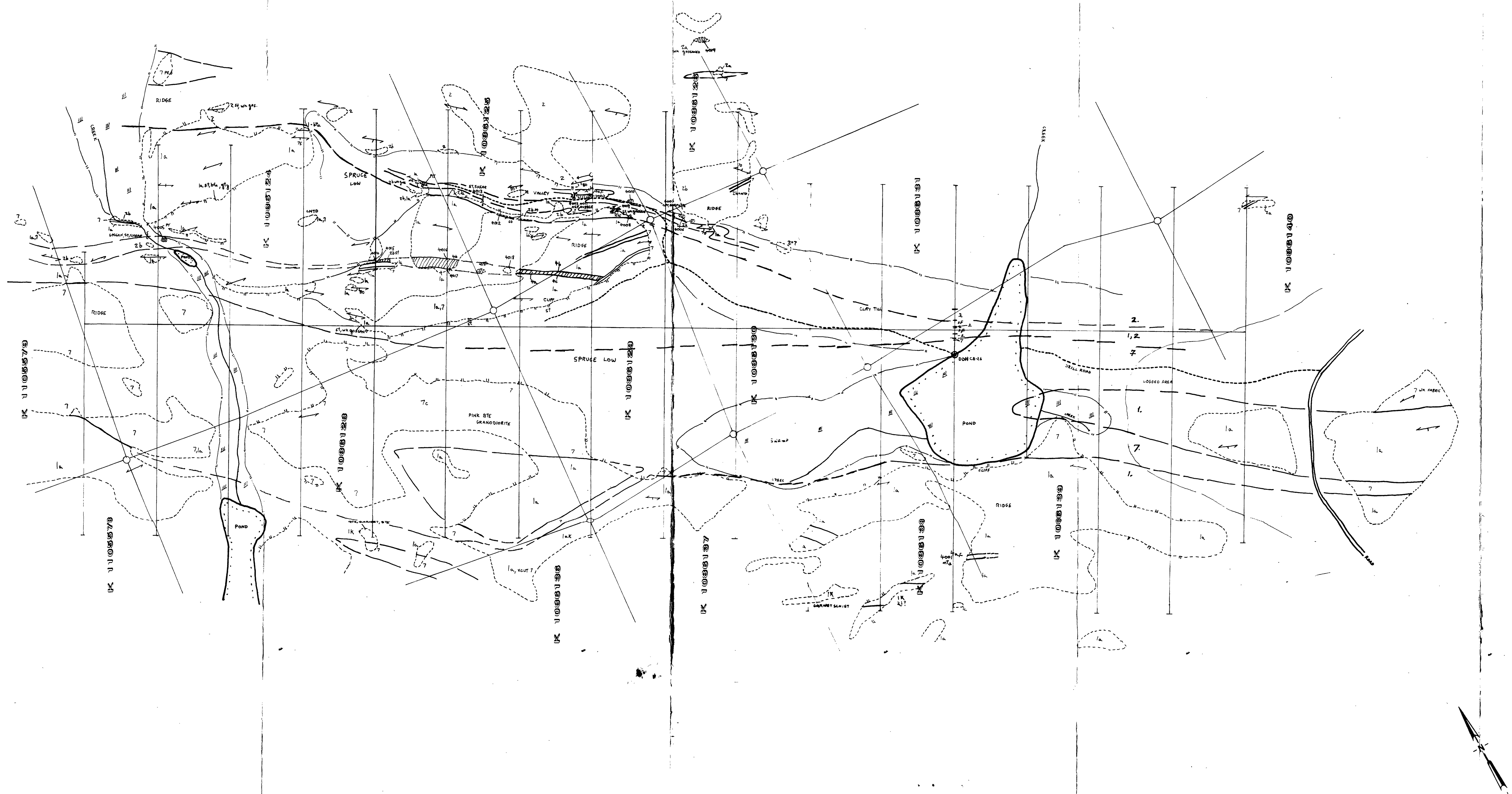
ONEMAN LAKE PROPERTY

GEOLOGY OML 92-3

GRID AREA: EXTENSION

GEOLOGY BY :	P. Barc A. Pryslak	DATE : Sept/91

Independent Exploration Services Ltd.



LITHOLOGIC LEGNED

FELSIC TO INTERMEDIATE INTRUSIVE
- ~~7 Unsubdivided~~
- 7a Foliated to massive trondhjemite
- ~~7b Foliated to massive granodiorite~~ to quartz monzonite
- 7c Fine to med. gr., biotite-garnet trondhjemite-granodiorite (possibly related to unit 2f)
- 7p Pegmatite

FELSIC TO INTERMEDIATE GNEISSIC
- 6 Unsubdivided
- 6a Amphibole gneiss
- 6b Biotite gneiss
- 6c Biotite-garnet gneiss
- 6d Leucogneiss (quartz and plagioclase)
- 6e Migmatitic gneiss

MAFIC AND ULTRAMAFIC INTRUSIVES
- 5 Unsubdivided
- 5a Gabbro
- 5b Porphyritic gabbro
- 5c Diorite, quartz diorite
- 5d Amphibolite (possibly mafic volcanics)
- 5e Ultramafic

CHEMICAL SEDIMENTS
- 4 Undifferentiated
- 4a Chert
- 4b Sulfide facies
- 4c Oxide facies
- 4d Silicate facies

CLASTIC SEDIMENTS
- 3 Unsubdivided
- 3c Conglomerate
- 3d Argillite, slate, siltstone
- 3e Greywacke
- 3j Garnetiferous

FELSIC TO INTERMEDIATE METAVOLCANICS
- 2 Unsubdivided
- 2a Dacite to rhyolite - foliated
- 2b Tuff to lapilli tuff
- 2c Breccia, tuff-breccia
- 2d Quartz and feldspar phyric units
- 2f Clotted (Bio + gar+ sill) rhyolite or altered high level intrusive

INTERMEDIATE TO MAFIC METAVOLCANICS
- 1 Unsubdivided
- 1a Massive to foliated flows
- 1b Pillowed flows
- 1c Amygdaloidal flows
- 1d Porphyritic flows - plag. phyric
- 1f Tectonized, banded flows and tuffs
- 1h Coarse grained flows and intrusions
- 1j Migmatized mafic flows
- 1k Garnetiferous

SYMBOL LEGEND

- area of mechanical stripping
- trench
- outcrop area
- approx. boundary of topographic low areas
- steep slopes
- geological contacts: defined, approximate
- gossaned outcrop
- foliation; strike, dip
- pillow facings
- small fold structures and plunge
- shear, fault
- roads, maintained; secondary logging; trails

ABBREVIATIONS

asp	arsenopyrite	qv	quartz vein
cord	cordierite	sil	sillimanite
cp	chalcopyrite	Sill	silicified
gt	graphite	sp	sphalerite
gar	garnet	ag	silver
mag	magnetite	as	arsenic
po	pyrrhotite	cu	copper
py	pyrite	zn	zinc

Scale 1:2500

0 50 100 150m

CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROPERTY

GEOLOGY OML92-4 1-11

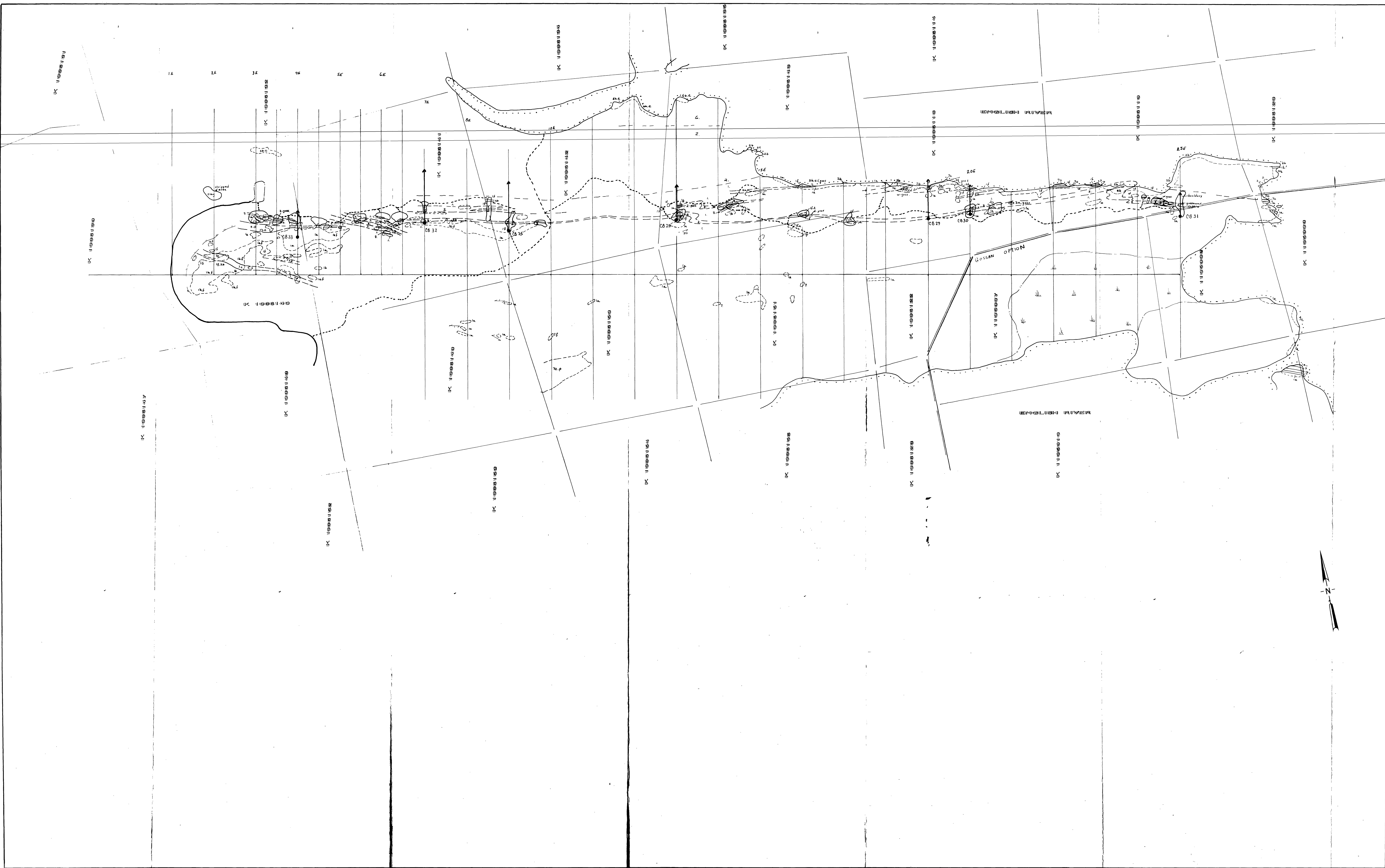
GRID AREA: "A"

GEOLOGY BY : P. Barc, A. Pryslak

DATE : Sept./91

Independent Exploration Services Ltd.

240



LITHOLOGIC LEGNED

FELSIC TO INTERMEDIATE INTRUSIVE
- 7 Unsubdivided
- 7a Foliated to massive trondhjemite
- 7b Foliated to massive granodiorite to quartz monzonite
- 7c Fine to med. gr., biotite-garnet trondhjemite-granodiorite (possibly related to unit 2f)
- 7p Pegmatite

FELSIC TO INTERMEDIATE GNEISSIC
- 6 Unsubdivided
- 6a Amphibole gneiss
- 6b Biotite gneiss
- 6c Biotite-garnet gneiss
- 6d Leucogneiss (quartz and plagioclase)
- 6e Migmatitic gneiss

MAFIC AND ULTRAMAFIC INTRUSIVES
- 5 Unsubdivided
- 5a Gabbro
- 5b Porphyritic gabbro
- 5c Diorite, quartz diorite
- 5d Amphibolite (possibly mafic volcanics)
- 5e Ultramafic

CHEMICAL SEDIMENTS
- 4 Undifferentiated
- 4a Chert
- 4b Sulfide facies
- 4c Oxide facies
- 4d Silicate facies

CLASTIC SEDIMENTS
- 3 Unsubdivided
- 3c Conglomerate
- 3d Argillite, slate, siltstone
- 3e Greywacke
- 3j Garnetiferous

FELSIC TO INTERMEDIATE METAVOLCANICS
- 2 Unsubdivided
- 2a Dacite to rhyolite - foliated
- 2b Tuff to lapilli tuff
- 2c Breccia, tuff-breccia
- 2d Quartz and feldspar phyric units
- 2f Clotted (Bio + gar+ sill) rhyolite or altered high level intrusive

INTERMEDIATE TO MAFIC METAVOLCANICS
- 1 Unsubdivided
- 1a Massive to foliated flows
- 1b Pillowed flows
- 1c Amygdaloidal flows
- 1d Porphyritic flows - plag. phyric
- 1f Tectonized, banded flows and tuffs
- 1h Coarse grained flows and intrusions
- 1j Migmatized mafic flows
- 1k Garnetiferous

SYMBOL LEGEND
- area of mechanical stripping
- trench
- outcrop area
- approx. boundary of topographic low areas
- steep slopes
- geological contacts: defined, approximate
- gossaned outcrop
- foliation; strike, dip
- pillow facings
- small fold structures and plunge
- shear, fault
- roads, maintained; secondary logging; trails

ABBREVIATIONS

asp	arsenopyrite	qv	quartz vein
cord	cordierite	sil	sillimanite
cp	chalcopyrite	Sill	silicified
gt	graphite	sp	sphalerite
gar	garnet	ag	silver
mag	magnetite	as	arsenic
po	pyrrhotite	cu	copper
py	pyrite	zn	zinc

Scale 1:2500
0 50 100 150m

CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROPERTY

GEOLOGY OML-5

GRID AREA: B

GEOLOGY BY : P. Bare | DATE : Sept/91

Independent Exploration Services Ltd.

250

LITHOLOGIC LEGNED

FELSIC TO INTERMEDIATE INTRUSIVE
- 7 Unsubdivided
- 7a Foliated to massive trondhjemite
- 7b Foliated to massive granodiorite to quartz monzonite
- 7c Fine to med. gr., biotite-garnet trondhjemite-granodierite (possibly related to unit 2f)
- 7p Pegmatite

FELSIC TO INTERMEDIATE GNEISSIC
- 6 Unsubdivided
- 6a Amphibole gneiss
- 6b Biotite gneiss
- 6c Biotite-garnet gneiss
- 6d Leucogneiss (quartz and plagioclase)
- 6e Migmatitic gneiss

MAFIC AND ULTRAMAFIC INTRUSIVES
- 5 Unsubdivided
- 5a Gabbro
- 5b Porphyritic gabbro
- 5c Diorite, quartz diorite
- 5d Amphibolite (possibly mafic volcanics)
- 5e Ultramafic

CHEMICAL SEDIMENTS
- 4 Undifferentiated
- 4a Chert
- 4b Sulfide facies
- 4c Oxide facies
- 4d Silicate facies

CLASTIC SEDIMENTS
- 3 Unsubdivided
- 3c Conglomerate
- 3d Argillite, slate, siltstone
- 3e Greywacke
- 3j Garnetiferous

FELSIC TO INTERMEDIATE METAVOLCANICS
- 2 Unsubdivided
- 2a Dacite to rhyolite - foliated
- 2b Tuff to lapilli tuff
- 2c Breccia, tuff-breccia
- 2d Quartz and feldspar phyric units
- 2f Clotted (Bio + gar+ sill) rhyolite or altered high level intrusive

INTERMEDIATE TO MAFIC METAVOLCANICS
- 1 Unsubdivided
- 1a Massive to foliated flows
- 1b Pillowed flows
- 1c Amygdaloidal flows
- 1d Porphyritic flows - plag. phyric
- 1f Tectonized, banded flows and tuffs
- 1h Coarse grained flows and intrusions
- 1j Migmatized mafic flows
- 1k Garnetiferous

SYMBOL LEGEND
- area of mechanical stripping
- trench
- outcrop area
- approx. boundary of topographic low areas
- steep slopes
- geological contacts: defined, approximate
- gossaned outcrop
- foliation; strike, dip
- pillow facings
- small fold structures and plunge
- shear, fault
- roads, maintained; secondary logging; trails

ABBREVIATIONS

asp	arsenopyrite	qv	quartz vein
cord	cordierite	sil	sillimanite
cp	chalcopyrite	Sill	silicified
gt	graphite	sp	sphalerite
gar	garnet	ag	silver
mag	magnetite	as	arsenic
po	pyrrhotite	cu	copper
py	pyrite	zn	zinc

Scale 1:2500
0 50 100 150m

CHAMPION BEAR RESOURCES LTD.

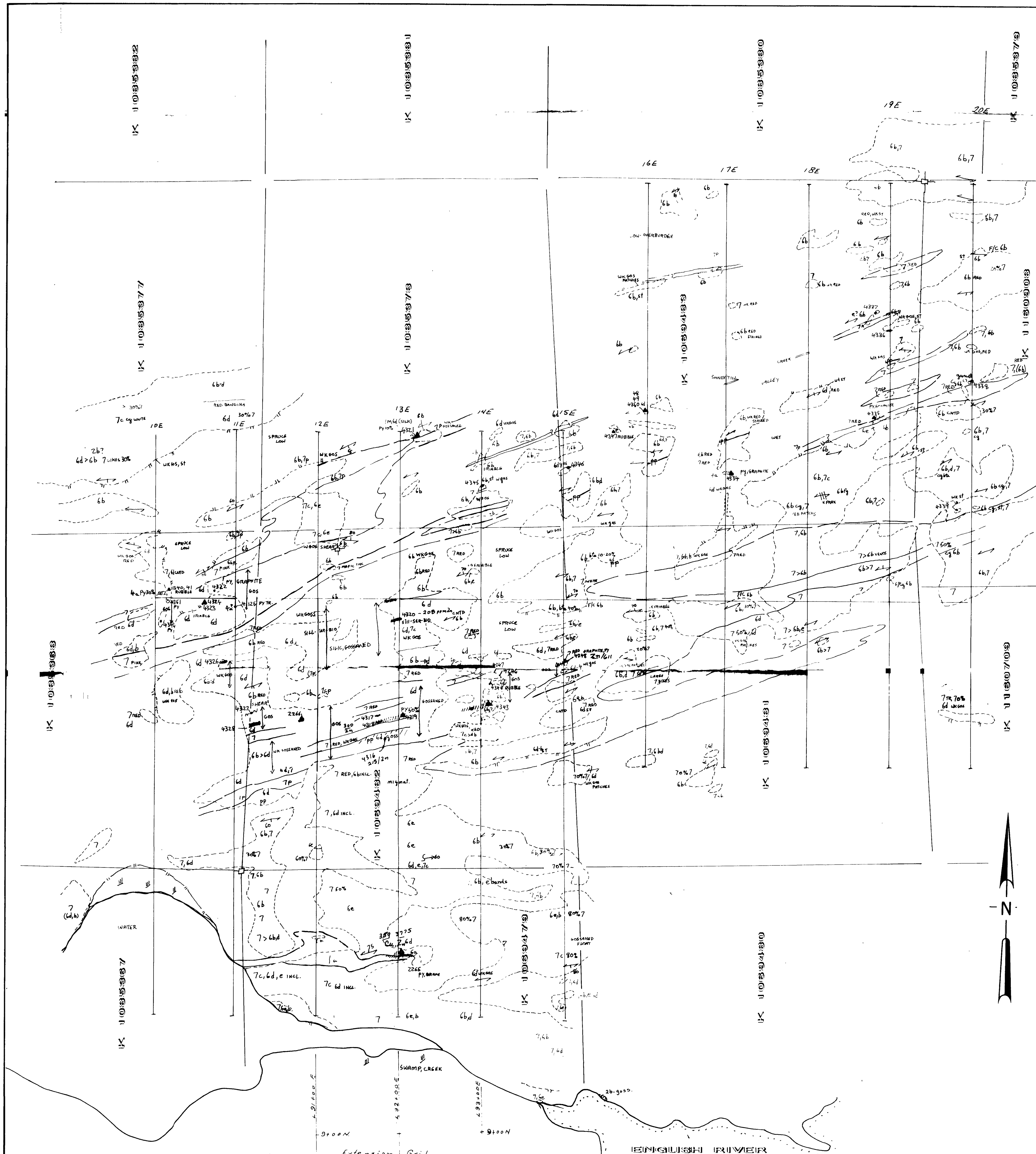
ONEMAN LAKE PROPERTY

GEOLOGY OML92-6

GRID AREA: 'C'

GEOLOGY BY : P. Barc, H. Petzak, A. Prygeiak | DATE : Sept./91

Independent Exploration Services Ltd.



LITHOLOGIC LEGNED

FELSIC TO INTERMEDIATE INTRUSIVE
- 7 Unsubdivided
- 7a Foliated to massive trondhjemite
- 7b Foliated to massive granodiorite to quartz monzonite
- 7c Fine to med. gr., biotite-garnet trondhjemite-granodiorite (possibly related to unit 2f)
- 7p Pegmatite

FELSIC TO INTERMEDIATE GNEISSIC
- 6 Unsubdivided
- 6a Amphibole gneiss
- 6b Biotite gneiss
- 6c Biotite-garnet gneiss
- 6d Leucogneiss (quartz and plagioclase)
- 6e Migmatitic gneiss

MAFIC AND ULTRAMAFIC INTRUSIVES
- 5 Unsubdivided
- 5a Gabbro
- 5b Porphyritic gabbro
- 5c Diorite, quartz diorite
- 5d Amphibolite (possibly mafic volcanics)
- 5e Ultramafic

CHEMICAL SEDIMENTS
- 4 Undifferentiated
- 4a Chert
- 4b Sulfide facies
- 4c Oxide facies
- 4d Silicate facies

CLASTIC SEDIMENTS
- 3 Unsubdivided
- 3c Conglomerate
- 3d Argillite, slate, siltstone
- 3e Greywacke
- 3j Garnetiferous

FELSIC TO INTERMEDIATE METAVOLCANICS
- 2 Unsubdivided
- 2a Dacite to rhyolite - foliated
- 2b Tuff to lapilli tuff
- 2c Breccia, tuff-breccia
- 2d Quartz and feldspar phyric units
- 2f Clotted (Bio + gar+ sill) rhyolite or altered high level intrusive

INTERMEDIATE TO MAFIC METAVOLCANICS
- 1 Unsubdivided
- 1a Massive to foliated flows
- 1b Pillowed flows
- 1c Amygdaloidal flows
- 1d Porphyritic flows - plag. phyric
- 1f Tectonized, banded flows and tuffs
- 1h Coarse grained flows and intrusions
- 1j Migmatized mafic flows
- 1k Garnetiferous

SYMBOL LEGEND

- area of mechanical stripping
- trench
- outcrop area
- approx. boundary of topographic low areas
- steep slopes
- geological contacts: defined, approximate
- gossaned outcrop
- foliation: strike, dip
- pillow facings
- small fold structures and plunge
- shear, fault
- roads, maintained; secondary logging; trails

ABBREVIATIONS

asp	arsenopyrite	qv	quartz vein
cord	cordierite	sil	sillimanite
cp	chalcopyrite	Sill	silicified
gt	graphite	sp	sphalerite
gn	garnet	ag	silver
mag	magnetite	as	arsenic
po	pyrrhotite	cu	copper
py	pyrite	zn	zinc

Scale 1:2500

0 50 100 150m

CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROPERTY

GEOLOGY OML92-7

GRID AREA: 'D'

GEOLOGY BY : P. Bare, A. Pryslak

DATE : Sept. 91

Independent Exploration Services Ltd.

52L08SW0001 OM91-110 TREELINED LAKE

270

LITHOLOGIC LEGNED

FELSIC TO INTERMEDIATE INTRUSIVE
- 7 Unsubdivided
- 7a Foliated to massive trondhjemite
- 7b Foliated to massive granodiorite to quartz monzonite
- 7c Fine to med. gr., biotite-garnet trondhjemite-granodiorite (possibly related to unit 2f)
- 7p Pegmatite

FELSIC TO INTERMEDIATE GNEISSIC
- 6 Unsubdivided
- 6a Amphibole gneiss
- 6b Biotite gneiss
- 6c Biotite-garnet gneiss
- 6d Leucogneiss (quartz and plagioclase)
- 6e Migmatitic gneiss

MAFIC AND ULTRAMAFIC INTRUSIVES
- 5 Unsubdivided
- 5a Gabbro
- 5b Porphyritic gabbro
- 5c Diorite, quartz diorite
- 5d Amphibolite (possibly mafic volcanics)
- 5e Ultramafic

CHEMICAL SEDIMENTS
- 4 Undifferentiated
- 4a Chert
- 4b Sulfide facies
- 4c Oxide facies
- 4d Silicate facies

CLASTIC SEDIMENTS
- 3 Unsubdivided
- 3c Conglomerate
- 3d Argillite, slate, siltstone
- 3e Greywacke
- 3j Garnetiferous

FELSIC TO INTERMEDIATE METAVOLCANICS
- 2 Unsubdivided
- 2a Dacite to rhyolite - foliated
- 2b Tuff to lapilli tuff
- 2c Breccia, tuff-breccia
- 2d Quartz and feldspar phyric units
- 2f Clotted (Bio + gar+ sill) rhyolite or altered high level intrusive

INTERMEDIATE TO MAFIC METAVOLCANICS
- 1 Unsubdivided
- 1a Massive to foliated flows
- 1b Pillowed flows
- 1c Amygdaloidal flows
- 1d Porphyritic flows - plag. phyric
- 1f Tectonized, banded flows and tuffs
- 1h Coarse grained flows and intrusions
- 1j Migmatized mafic flows
- 1k Garnetiferous

SYMBOL LEGEND

- area of mechanical stripping
- trench
- outcrop area
- approx. boundary of topographic low areas
- steep slopes
- geological contacts: defined, approximate
- gossaned outcrop
- foliation; strike, dip
- pillow facings
- small fold structures and plunge
- shear, fault
- roads, maintained; secondary logging; trails

ABBREVIATIONS

asp	arsenopyrite	qv	quartz vein
cord	cordierite	sil	sillimanite
cp	chalcopyrite	Sill	silicified
gt	graphite	sp	sphalerite
gar	garnet	ag	silver
mag	magnetite	as	arsenic
po	pyrrhotite	cu	copper
py	pyrite	zn	zinc

Scale 1:2500
0 50 100 150m

CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROPERTY

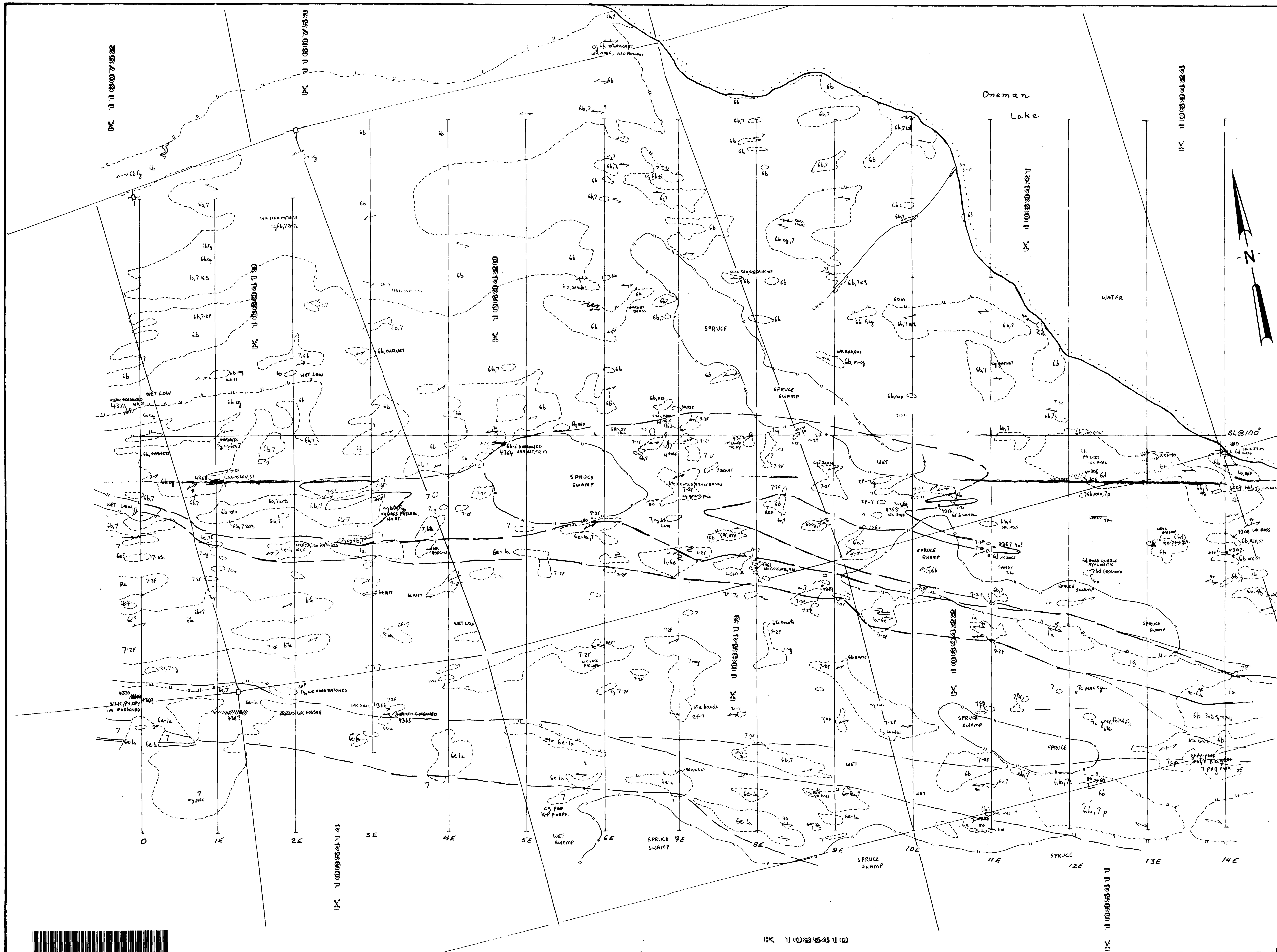
GEOLOGY OML92-8

GRID AREA: E

GEOLOGY BY : P. Bare, A. Pryslak

DATE : Sept./91

Independent Exploration Services Ltd.



LITHOLOGIC LEGNED

FELSIC TO INTERMEDIATE INTRUSIVE
- 7 Unsubdivided
- 7a Foliated to massive trondhjemite
- 7b Foliated to massive granodiorite to quartz monzonite
- 7c Fine to med. gr., biotite-garnet trondhjemite-granodiorite (possibly related to unit 2f)
- 7p Pegmatite

FELSIC TO INTERMEDIATE GNEISSIC
- 6 Unsubdivided
- 6a Amphibole gneiss
- 6b Biotite gneiss
- 6c Biotite-garnet gneiss
- 6d Leucogneiss (quartz and plagioclase)
- 6e Migmatitic gneiss

MAFIC AND ULTRAMAFIC INTRUSIVES
- 5 Unsubdivided
- 5a Gabbro
- 5b Porphyritic gabbro
- 5c Diorite, quartz diorite
- 5d Amphibolite (possibly mafic volcanics)
- 5e Ultramafic

CHEMICAL SEDIMENTS
- 4 Undifferentiated
- 4a Chert
- 4b Sulfide facies
- 4c Oxide facies
- 4d Silicate facies

CLASTIC SEDIMENTS
- 3 Unsubdivided
- 3c Conglomerate
- 3d Argillite, slate, siltstone
- 3e Greywacke
- 3j Garnetiferous

FELSIC TO INTERMEDIATE METAVOLCANICS
- 2 Unsubdivided
- 2a Dacite to rhyolite - foliated
- 2b Tuff to lapilli tuff
- 2c Breccia, tuff-breccia
- 2d Quartz and feldspar phyric units
- 2f Clotted (Bio + gar+ sill) rhyolite or altered high level intrusive

INTERMEDIATE TO MAFIC METAVOLCANICS
- 1 Unsubdivided
- 1a Massive to foliated flows
- 1b Pillowed flows
- 1c Amygdaloidal flows
- 1d Porphyritic flows - plag. phyric
- 1f Tectonized, banded flows and tuffs
- 1h Coarse grained flows and intrusions
- 1j Migmatized mafic flows
- 1k Garnetiferous

SYMBOL LEGEND
- area of mechanical stripping
- trench
- outcrop area
- approx. boundary of topographic low areas
- steep slopes
- geological contacts: defined, approximate
- gossaned outcrop
- foliation; strike, dip
- pillow facings
- small fold structures and plunge
- shear, fault
- roads, maintained; secondary logging; trails

Scale 1:2500
0 50 100 150m

CHAMPION BEAR RESOURCES LTD.

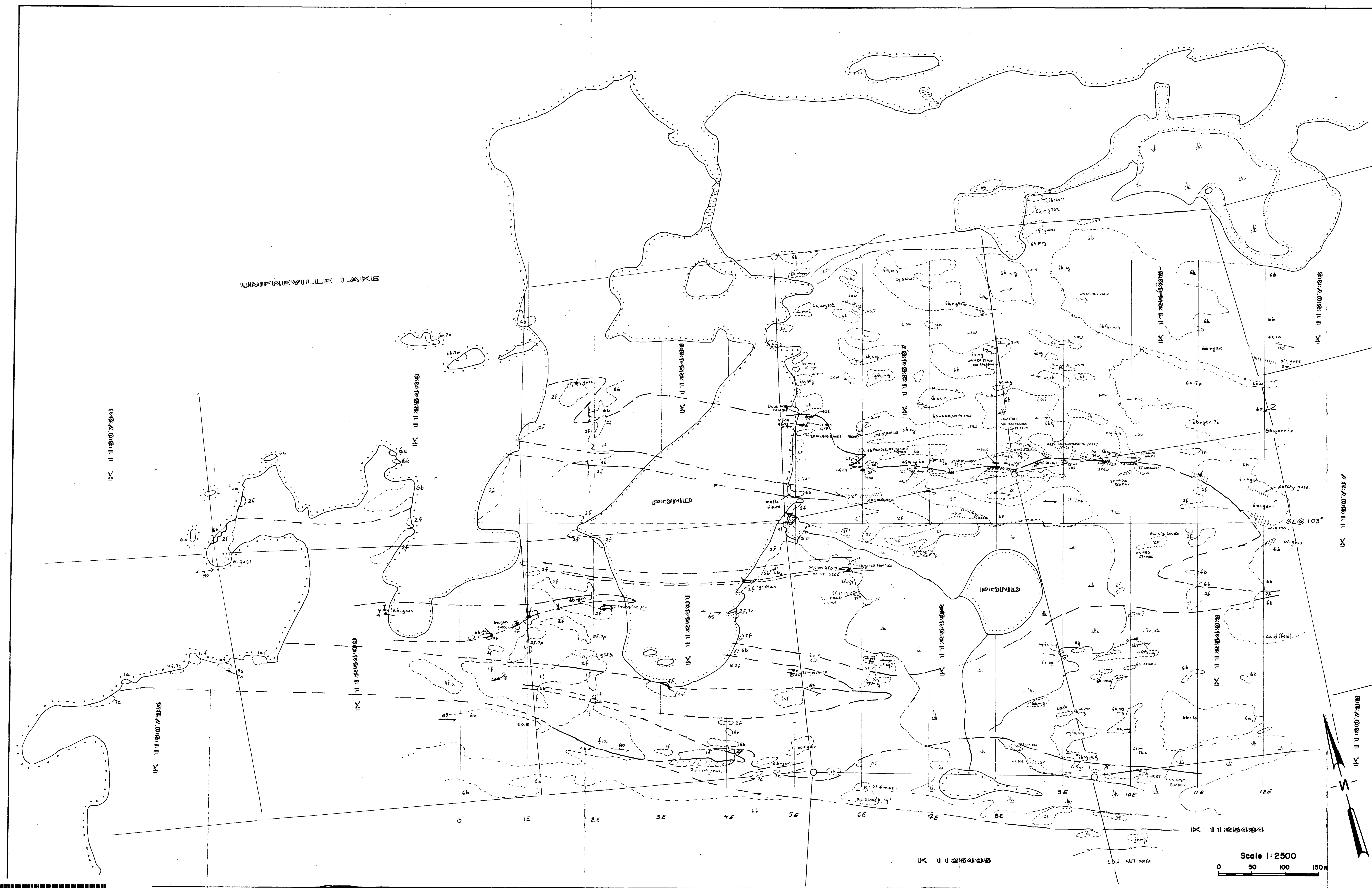
ONEMAN LAKE PROPERTY

GEOLOGY OML 92-9

GRID AREA: 'F'

GEOLOGY BY: P. Bare, A. Pryslak | DATE: Sept/91

Independent Exploration Services Ltd.



LITHOLOGIC LEGNED

FELSIC TO INTERMEDIATE INTRUSIVE
- 7 Unsubdivided
- 7a Foliated to massive trondhjemite
- 7b Foliated to massive granodiorite to quartz monzonite
- 7c Fine to med. gr., biotite-garne trondhjemite-granodiorite (possibly related to unit 2f)
- 7p Pegmatite

FELSIC TO INTERMEDIATE GNEISSIC
- 6 Unsubdivided
- 6a Amphibole gneiss
- 6b Biotite gneiss
- 6c Biotite-garnet gneiss
- 6d Leucogneiss (quartz and plagioclase)
- 6e Migmatitic gneiss

MAFIC AND ULTRAMAFIC INTRUSIVES
- 5 Unsubdivided
- 5a Gabbro
- 5b Porphyritic gabbro
- 5c Diorite, quartz diorite
- 5d Amphibolite (possibly mafic volcanics)
- 5e Ultramafic

CHEMICAL SEDIMENTS
- 4 Undifferentiated
- 4a Chert
- 4b Sulfide facies
- 4c Oxide facies
- 4d Silicate facies

CLASTIC SEDIMENTS
- 3 Unsubdivided
- 3c Conglomerate
- 3d Argillite, slate, siltstone
- 3e Greywacke
- 3j Garnetiferous

FELSIC TO INTERMEDIATE METAVOLCANICS
- 2 Unsubdivided
- 2a Dacite to rhyolite - foliated
- 2b Tuff to lapilli tuff
- 2c Breccia, tuff-breccia
- 2d Quartz and feldspar phyric units
- 2f Clotted (Bio + gar± sill), rhyolite or altered high level intrusive

INTERMEDIATE TO MAFIC METAVOLCANICS
- 1 Unsubdivided
- 1a Massive to foliated flows
- 1b Pillowed flows
- 1c Amygdaloidal flows
- 1d Porphyritic flows - plag. phyric
- 1f Tectonized, banded flows and tuffs
- 1h Coarse grained flows and intrusions
- 1j Migmatized mafic flows
- 1k Garnetiferous

SYMBOL LEGEND
- area of mechanical stripping
- trench
- outcrop area
- approx. boundary of topographic low areas
- steep slopes
- geological contacts: defined, approximate
- gossaned outcrop
- foliation; strike, dip
- pillow facings
- small fold structures and plunge
- shear, fault
- roads, maintained; secondary logging; trails

ABBREVIATIONS

asp	arsenopyrite	qv	quartz vein
cord	cordierite	sil	sillimanite
cp	chalcopyrite	Sill	silicified
gt	graphite	sp	sphalerite
gar	garnet	ag	silver
mag	magnetite	as	arsenic
po	pyrrhotite	cu	copper
py	pyrite	zn	zinc

CHAMPION BEAR RESOURCES LTD.

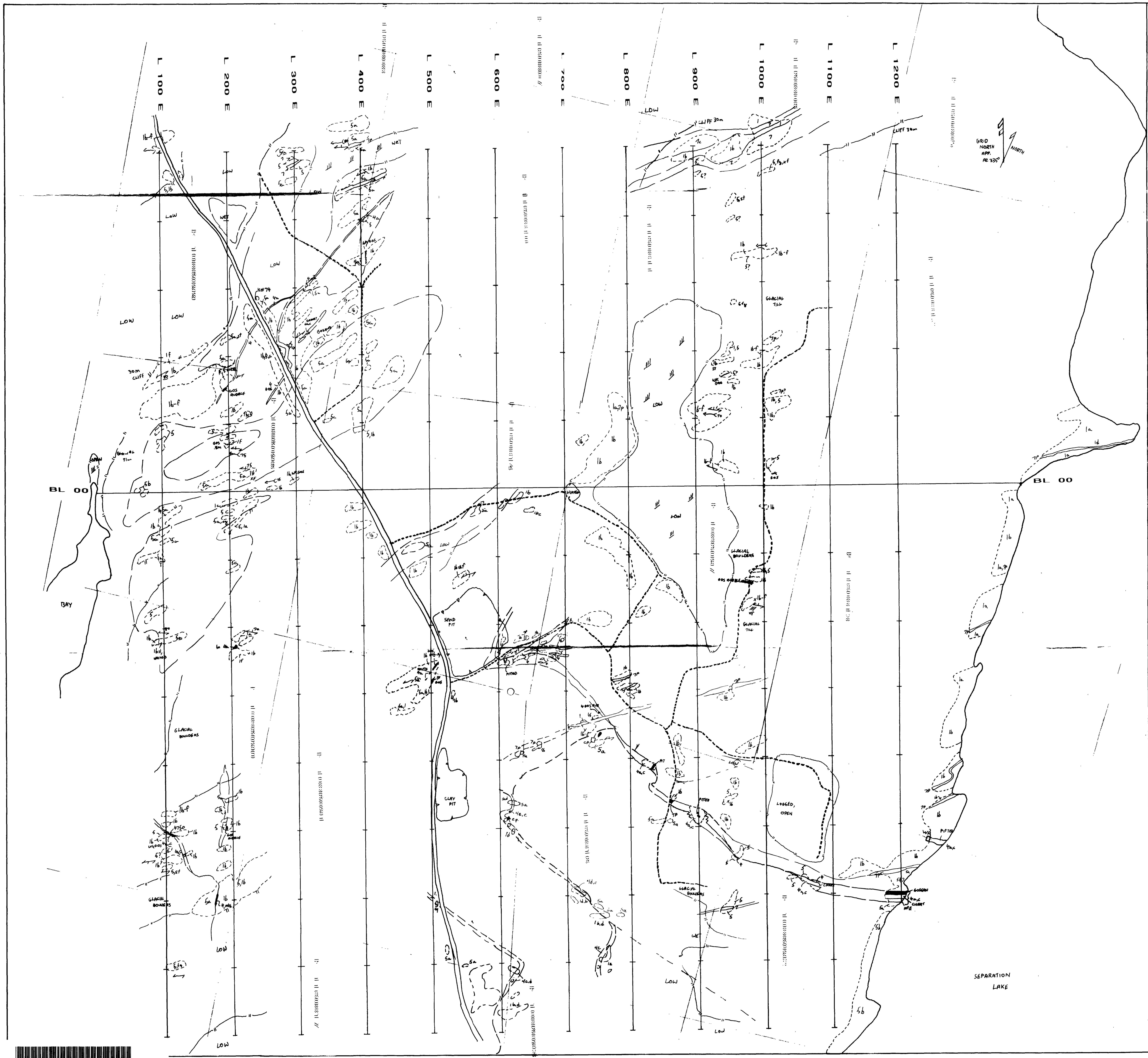
ONEMAN LAKE PROPERTY

GEOLOGY OML 92-10

GRID AREA: 'G'

GEOLOGY BY: P. Barc, A. Pryszek | DATE: Sept. '91

Independent Exploration Services Ltd.



LITHOLOGIC LEGNED

FELSIC TO INTERMEDIATE INTRUSIVE

7	Unsubdivided
7a	Foliated to massive trondhjemite
7b	Foliated to massive granodiorite to quartz monzonite
7c	Fine to med. gr., biotite-garnet trondhjemite-granodiorite (possibly related to unit 2f)
7p	Pegmatite

FELSIC TO INTERMEDIATE GNEISSIC

6	Unsubdivided
6a	Amphibole gneiss
6b	Biotite gneiss
6c	Biotite-garnet gneiss
6d	Leucogneiss (quartz and plagioclase)
6e	Migmatitic gneiss

MAFIC AND ULTRAMAFIC INTRUSIVES

5	Unsubdivided
5a	Gabbro
5b	Porphyritic gabbro
5c	Diorite, quartz diorite
5d	Amphibolite (possibly mafic volcanics)
5e	Ultramafic

CHEMICAL SEDIMENTS

4	Undifferentiated
4a	Chert
4b	Sulfide facies
4c	Oxide facies
4d	Silicate facies

CLASTIC SEDIMENTS

3	Unsubdivided
3c	Conglomerate
3d	Argillite, slate, siltstone
3e	Greywacke
3j	Garnetiferous

FELSIC TO INTERMEDIATE METAVOLCANICS

2	Unsubdivided
2a	Dacite to rhyolite - foliated
2b	Tuff to lapilli tuff
2c	Breccia, tuff-breccia
2d	Quartz and feldspar phyric units
2f	Clotted (Bio + gar+ sill) rhyolite or altered high level intrusive

INTERMEDIATE TO MAFIC METAVOLCANICS

1	Unsubdivided
1a	Massive to foliated flows
1b	Pillowed flows
1c	Amygdaloidal flows
1d	Porphyritic flows - plag. phyric
1f	Tectonized, banded flows and tuffs
1h	Coarse grained flows and intrusions
1j	Migmatized mafic flows
1k	Garnetiferous

SYMBOL LEGEND

- area of mechanical stripping
- trench
- outcrop area
- approx. boundary of topographic low areas
- steep slopes
- geological contacts: defined, approximate
- gossaned outcrop
- foliation; strike, dip
- pillow facings
- small fold structures and plunge
- shear, fault
- roads, maintained; secondary logging; trails

ABBREVIATIONS

asp	arsenopyrite	qv	quartz vein
cord	cordierite	sil	sillimanite
cp	chalcopyrite	Sill	silicified
gt	graphite	sp	sphalerite
gar	garnet	ag	silver
mag	magnetite	as	arsenic
po	pyrrhotite	cu	copper
py	pyrite	zn	zinc

Scale 1:2500

25 0 25 50 75 100 125 (metres)

CHAMPION BEAR RESOURCES LTD.

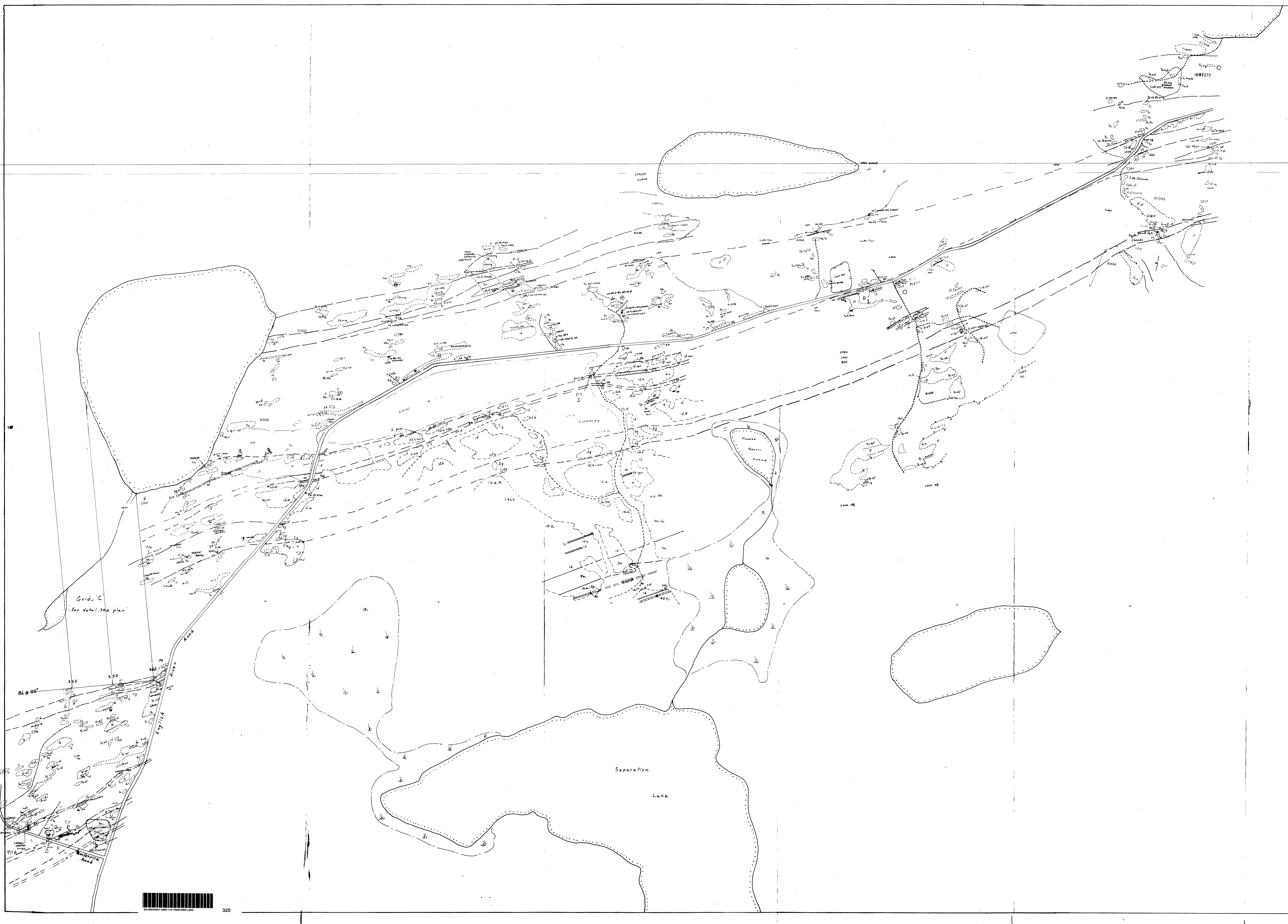
ONEMAN LAKE PROPERTY

GEOLOGY OML92-11

GRID AREA: H

GEOLOGY BY: T. Pryslak, P. Barc. | DATE: Sept.-Oct/91

Independent Exploration Services Ltd.



LITHOLOGIC LEGNED

FELSIC TO INTERMEDIATE INTRUSIVE
- 7 Unsubdivided
- 7a Foliated to massive trondhjemite
- 7b Foliated to massive granodiorite to quartz monzonite
- 7c Fine to med. gr., biotite-garnet trondhjemite-granodiorite (possibly related to unit 2f)
- 7p Pegmatite

FELSIC TO INTERMEDIATE GNEISSIC
- 6 Unsubdivided
- 6a Amphibole gneiss
- 6b Biotite gneiss
- 6c Biotite-garnet gneiss
- 6d Leucogneiss (quartz and plagioclase)
- 6e Migmatitic gneiss

MAFIC AND ULTRAMAFIC INTRUSIVES
- 5 Unsubdivided
- 5a Gabbro
- 5b Porphyritic gabbro
- 5c Diorite, quartz diorite
- 5d Amphibolite (possibly mafic volcanics)
- 5e Ultramafic

CHEMICAL SEDIMENTS
- 4 Undifferentiated
- 4a Chert
- 4b Sulfide facies
- 4c Oxide facies
- 4d Silicate facies

CLASTIC SEDIMENTS
- 3 Unsubdivided
- 3c Conglomerate
- 3d Argillite, slate, siltstone
- 3e Greywacke
- 3j Garnetiferous

FELSIC TO INTERMEDIATE METAVOLCANICS
- 2 Unsubdivided
- 2a Dacite to rhyolite - foliated
- 2b Tuff to lapilli tuff
- 2c Breccia, tuff-breccia
- 2d Quartz and feldspar phyric units
- 2f Clotted (Bio + gar+ sill) rhyolite or altered high level intrusive
- 2g altered- Qtz+bio ± gar ± sill

INTERMEDIATE TO MAFIC METAVOLCANICS
- 1 Unsubdivided
- 1a Massive to foliated flows
- 1b Pillowed flows
- 1c Amygdaloidal flows
- 1d Porphyritic flows - plag. phyric
- 1f Tectonized, banded flows and tuffs
- 1h Coarse grained flows and intrusions
- 1j Migmatized mafic flows
- 1k Garnetiferous

SYMBOL LEGEND

- area of mechanical stripping
- trench
- outcrop area
- approx. boundary of topographic low areas
- steep slopes
- geological contacts: defined, approximate
- gossaned outcrop
- foliation; strike, dip
- pillow facings
- small fold structures and plunge
- shear, fault
- roads, maintained; secondary logging; trails

ABBREVIATIONS

asp	arsenopyrite	qv	quartz vein
cord	cordierite	sil	sillimanite
cp	chalcopyrite	Sill	silicified
gt	graphite	sp	sphalerite
gar	garnet	ag	silver
mag	magnetite	as	arsenic
po	pyrrhotite	cu	copper
py	pyrite	zn	zinc

N

Scale 1:2500
0 50 100 150 m

CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROPERTY

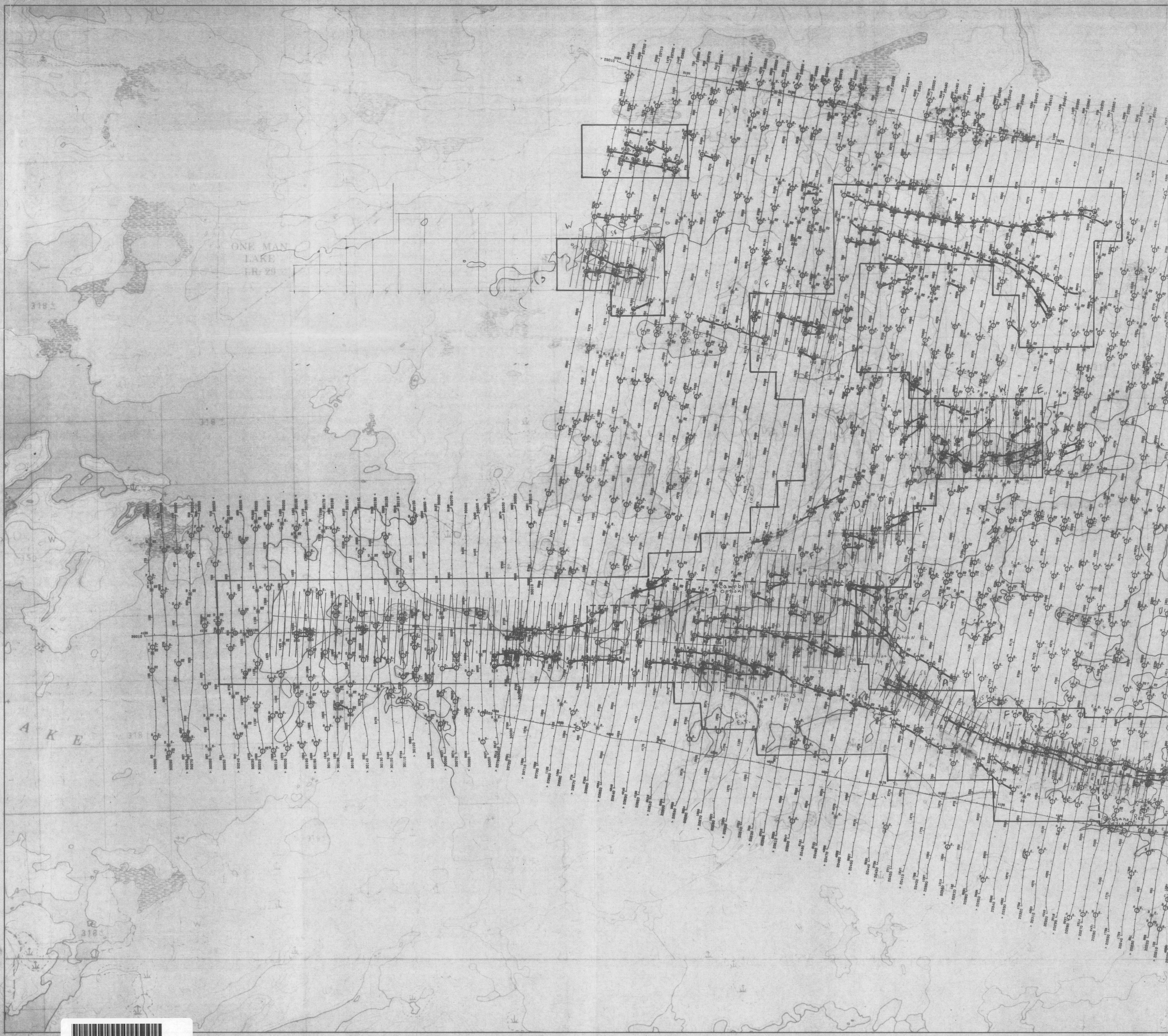
GEOLOGY OML 92-12

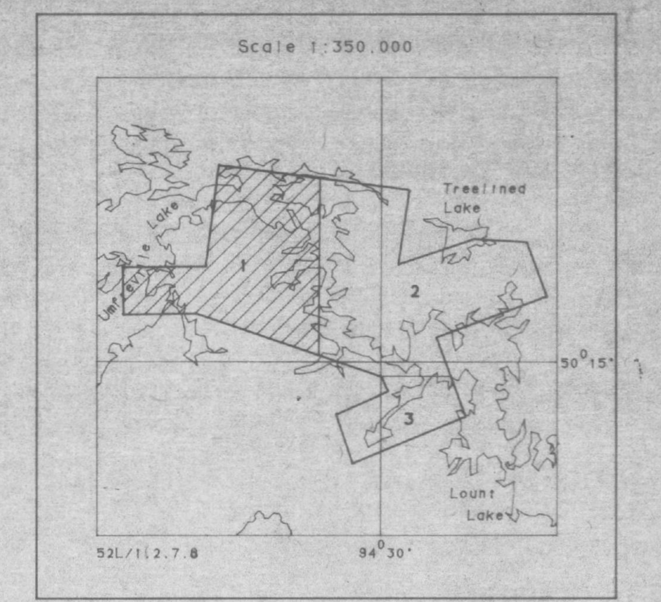
GRID AREA: East Grid 'C' Reconn.

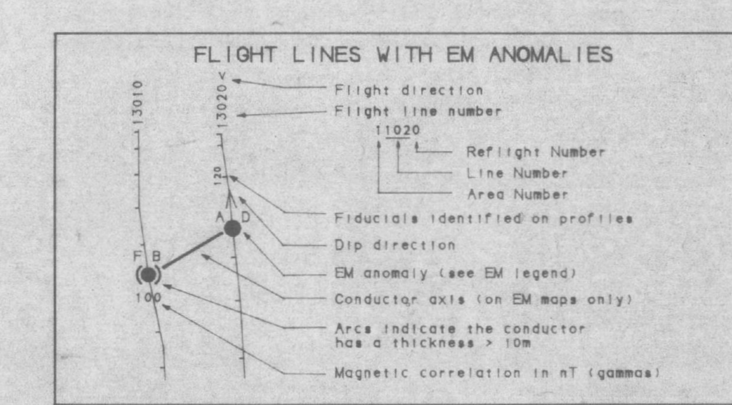
GEOLOGY BY : P. Barc, A. Pryslak DATE: Sept./91

Independent Exploration Services Ltd.

320







Grade	Anomaly	Conductance
7	●	≥100 siemens
6	◕	50-100 siemens
5	◒	20-50 siemens
4	⊕	10-20 siemens
3	⊕	5-10 siemens
2	○	1-5 siemens
1	◌	<1 siemen
-	✳	Questionable anomaly

Anomaly identifier
Interpretive symbol
C|H.
Depth is greater than
: 15 m
: 30 m
: 45 m
: 60 m
Inphase and Quadrature of coaxial coil is greater than
. 5 ppm
.. 10 ppm
... 15 ppm
.... 20 ppm

Interpretive symbol	Conductor ("model")
B.	Bedrock conductor
D.	Narrow bedrock conductor ("thin dike")
S.	Conductive cover ("horizontal thin sheet")
H.	Broad conductive rock unit, deep conductive weathering, thick conductive cover ("half space")
E.	Edge of broad conductor ("edge of half space")
L.	Culture, e.g. power line, building, fence

C

CHAMPION BEAR RESOURCES LTD.

HELDER LAKE 1989

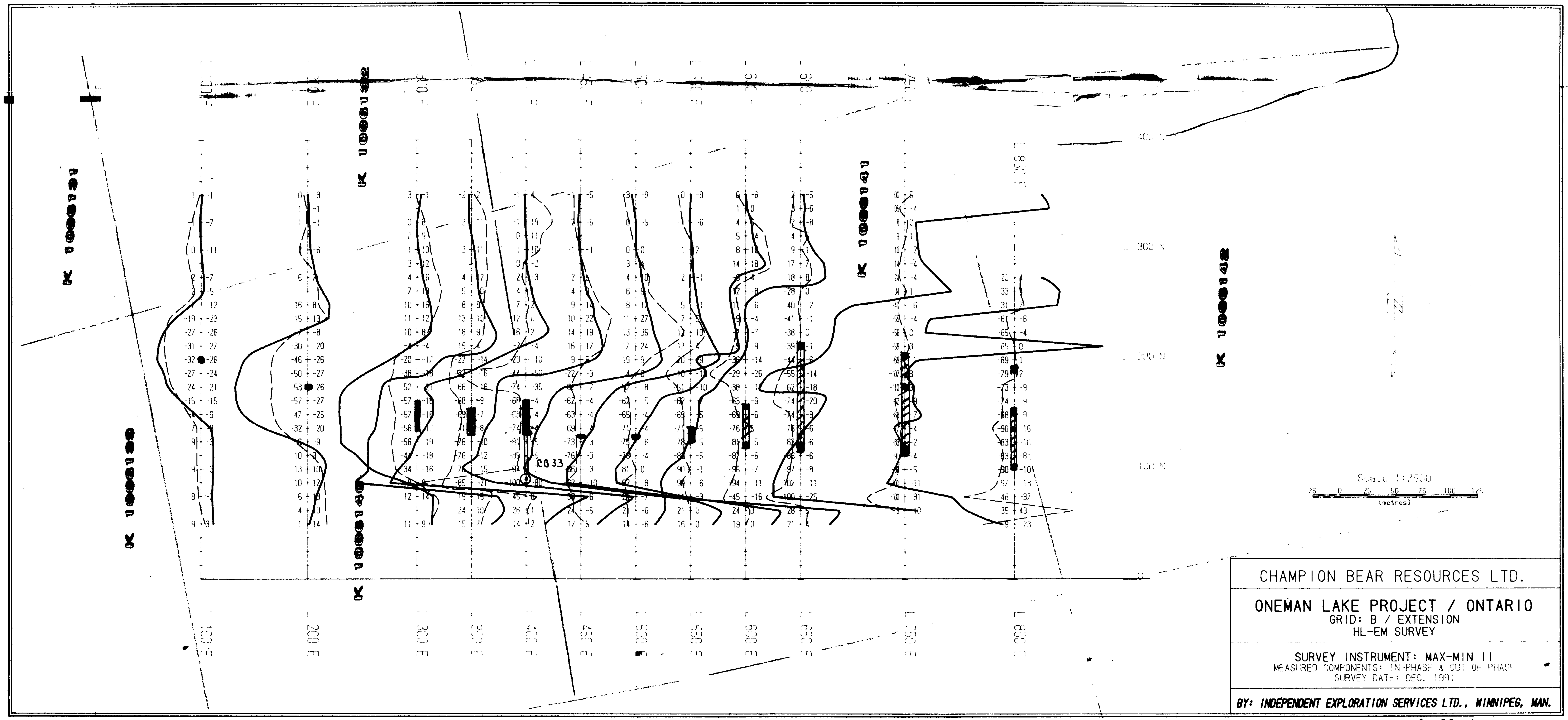
ELECTROMAGNETIC ANOMALIES

DIGHEM IV SURVEY	NTS: 52L	GEOPHYSICIST RP
DATE: MAY 1989	JOB: 1069	SHEET: 1-1

DIGHEM SURVEYS & PROCESSING INC.

0 1 2 Km
Scale 1:20000

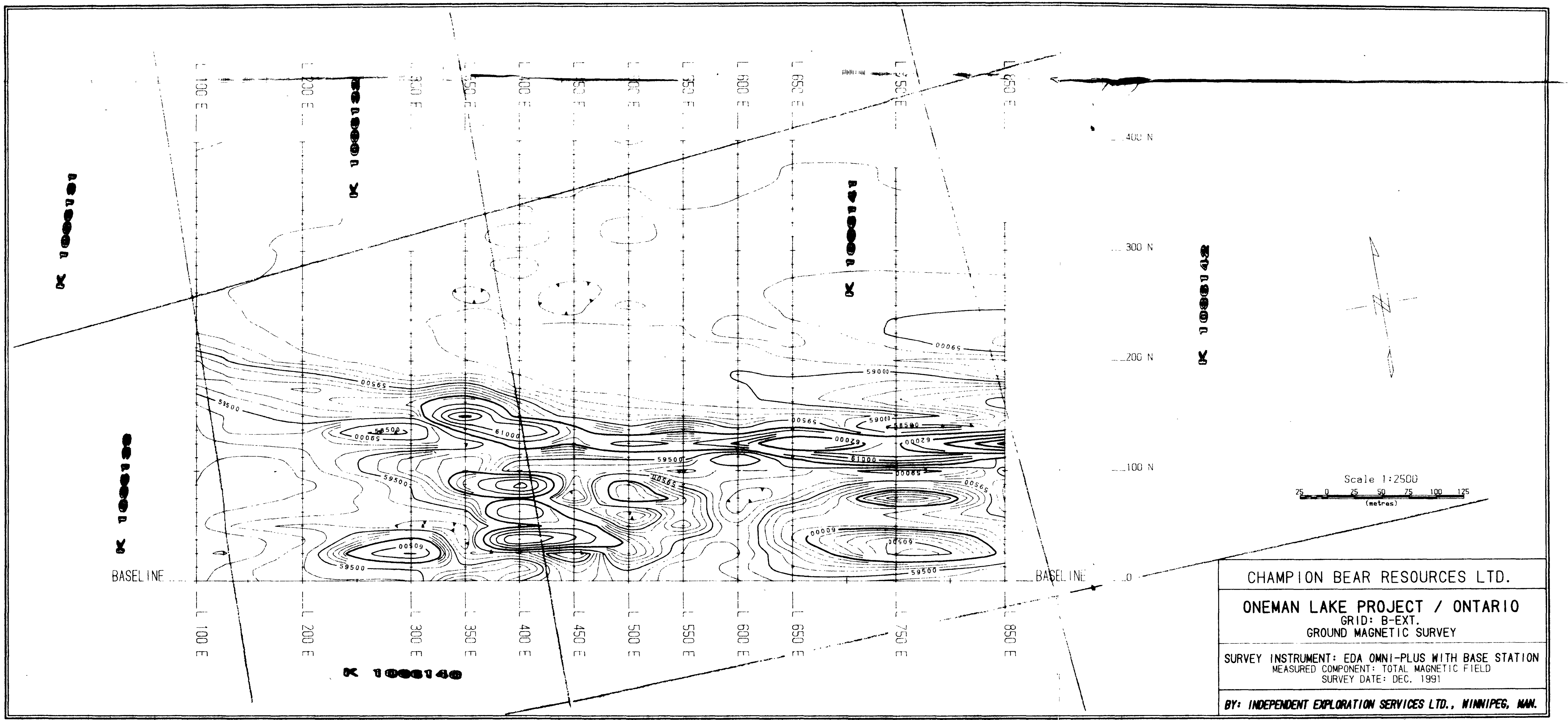
Dighem



GP92-1

52L08SW0001 OM91-110 TREELINED LAKE

350



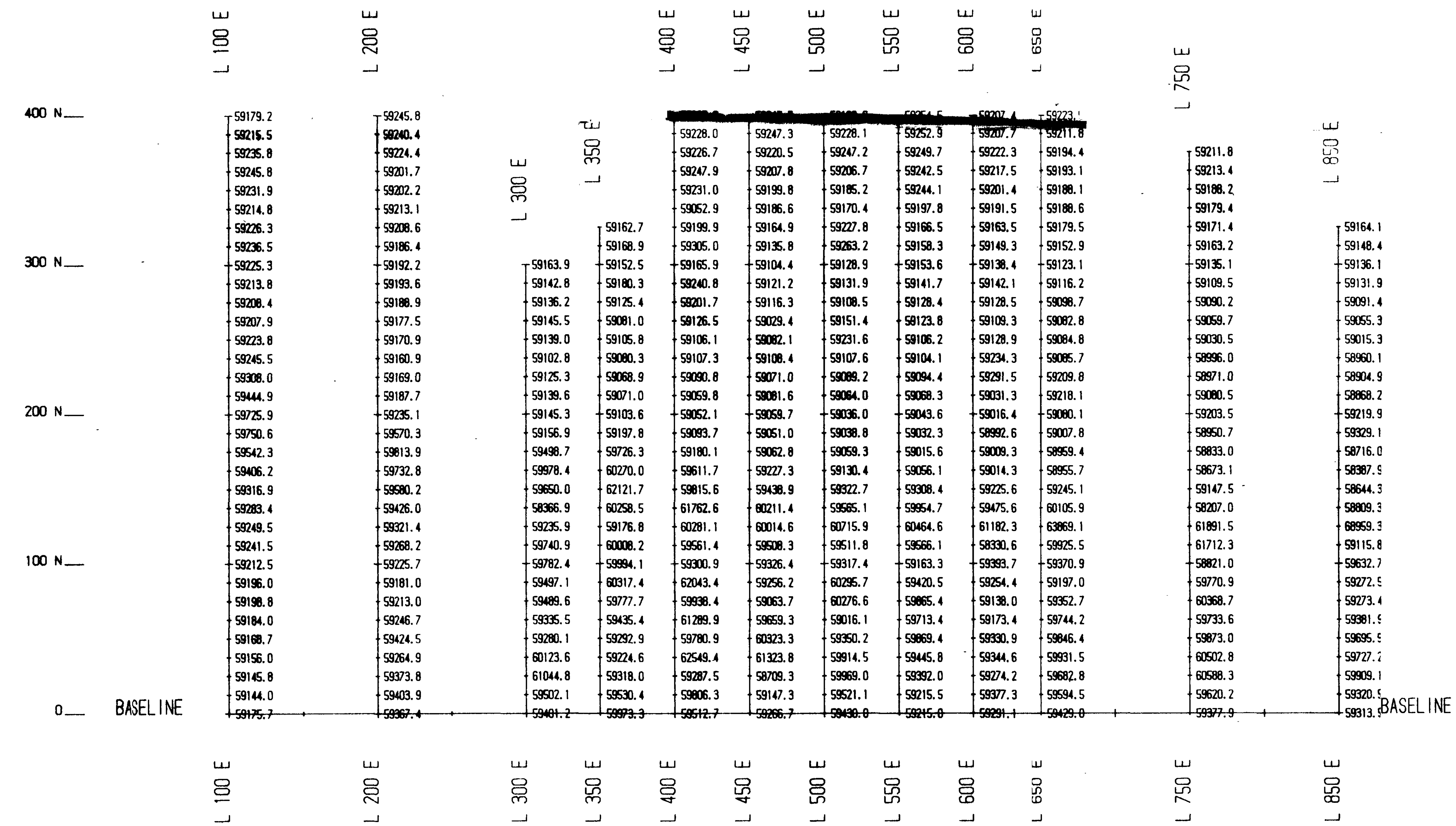
CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROJECT / ONTARIO
GRID: B-EXT.
GROUND MAGNETIC SURVEY

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
MEASURED COMPONENT: TOTAL MAGNETIC FIELD
SURVEY DATE: DEC. 1991

BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

GP92-2



Scale 1:2500

(metres)

CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROJECT / ONTARIO

GRID: B EXTENSION

GROUND MAGNETIC SURVEY / POSTINGS

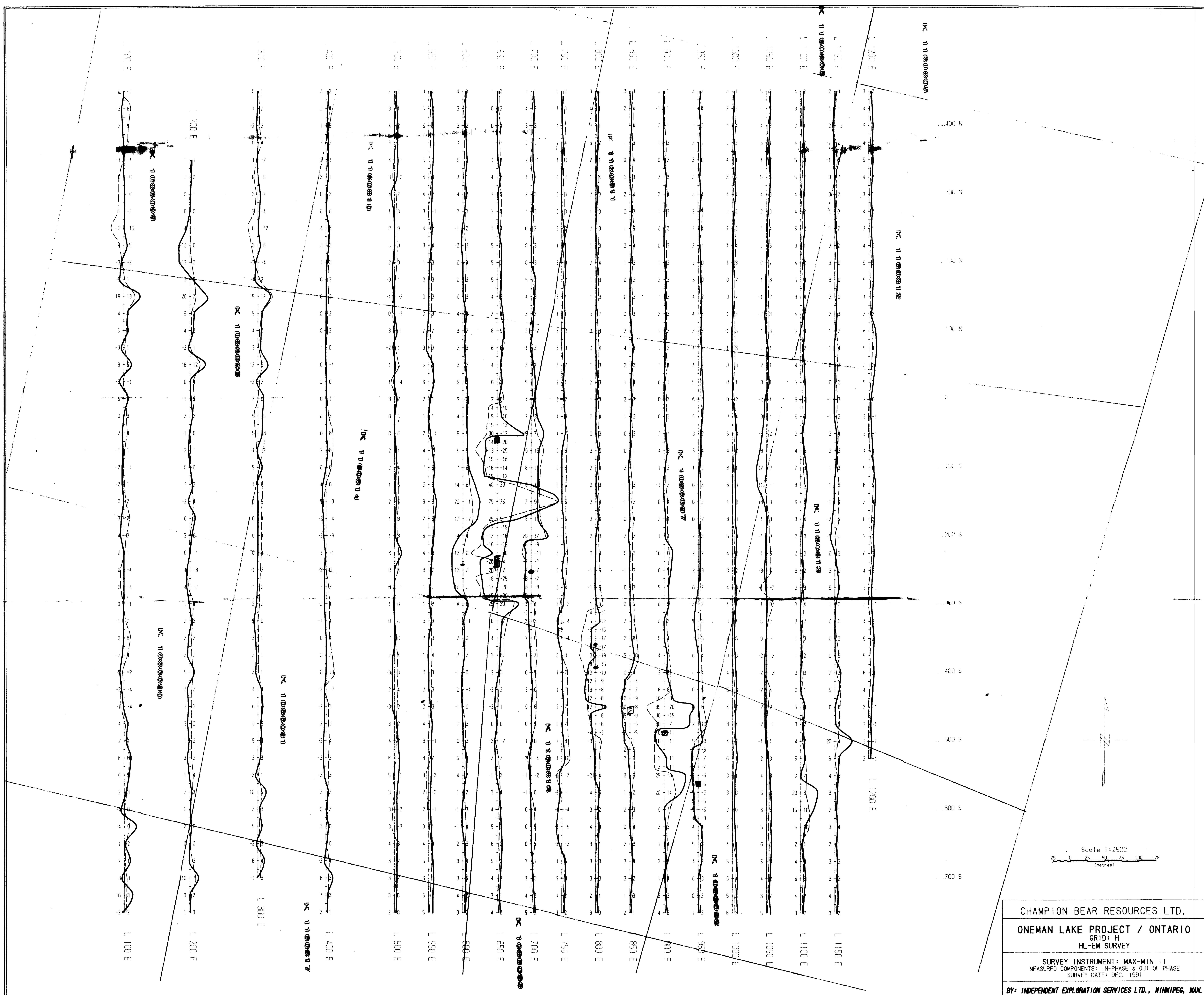
SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION

POSTED COMPONENT: DIURNALY CORRECTED TOTAL MAGNETIC FIELD

SURVEY DATE:

BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

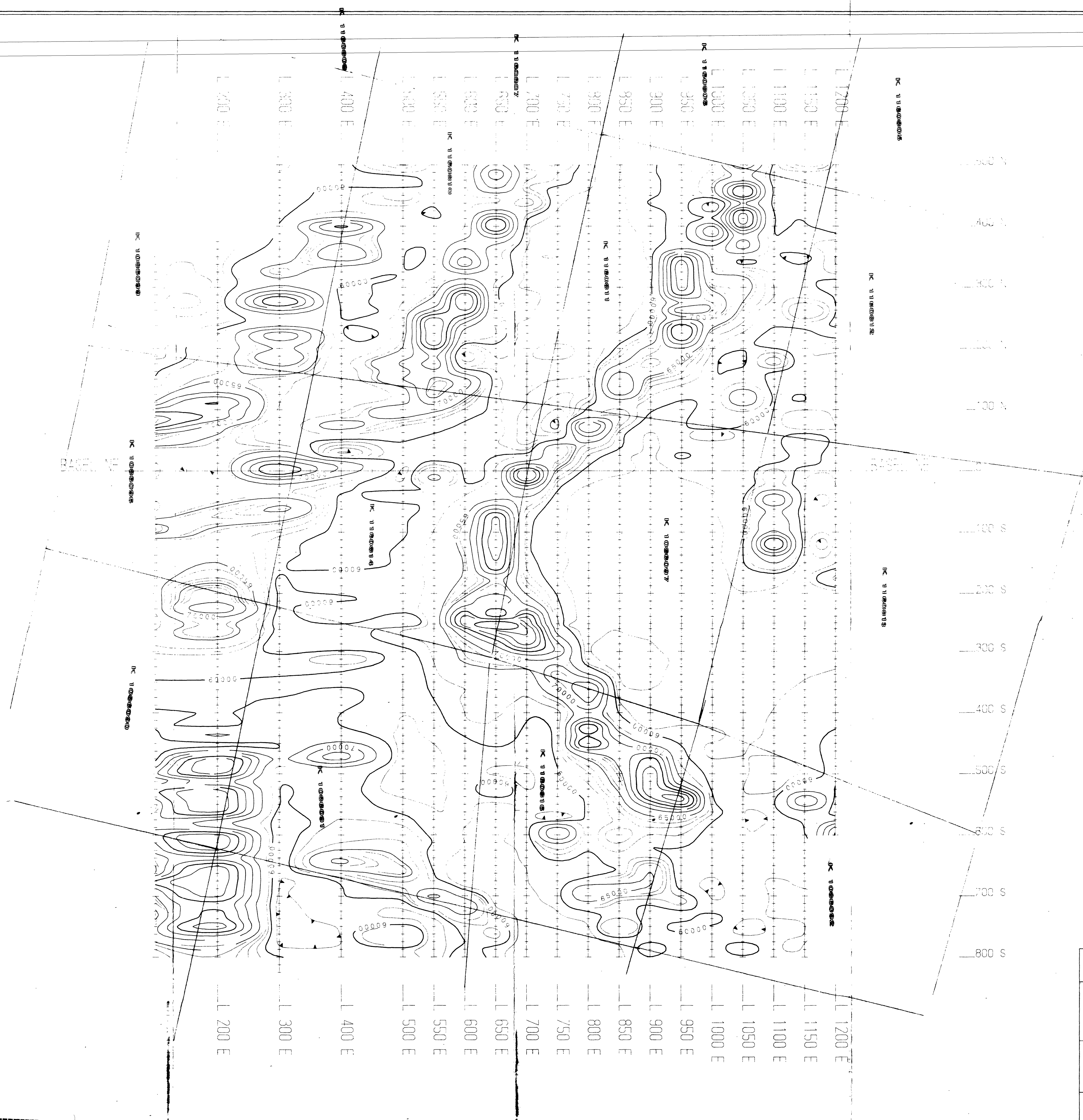
GP92-3



GP92-4

52L08SW0001 OM91-110 TREELINED LAKE

380



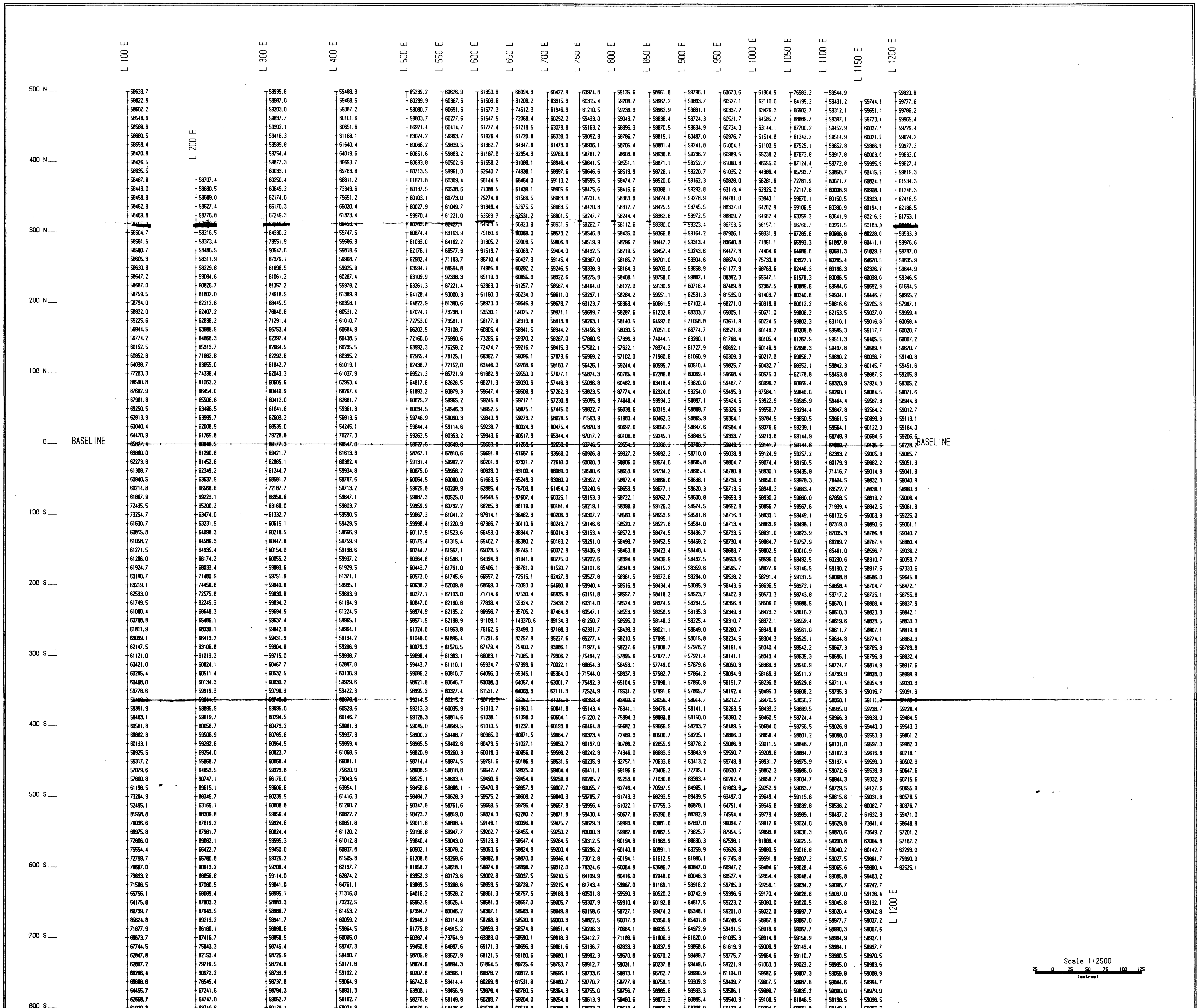
CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROJECT / ONTARIO
GRID H"
GROUND MAGNETIC SURVEY

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
.c2.
.c3.

BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

GP 92-5



CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROJECT / ONTARIO

GRID: H

GROUND MAGNETIC SURVEY / POSTINGS

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION

POSTED COMPONENT: DIURNALY CORRECTED TOTAL MAGNETIC FIELD

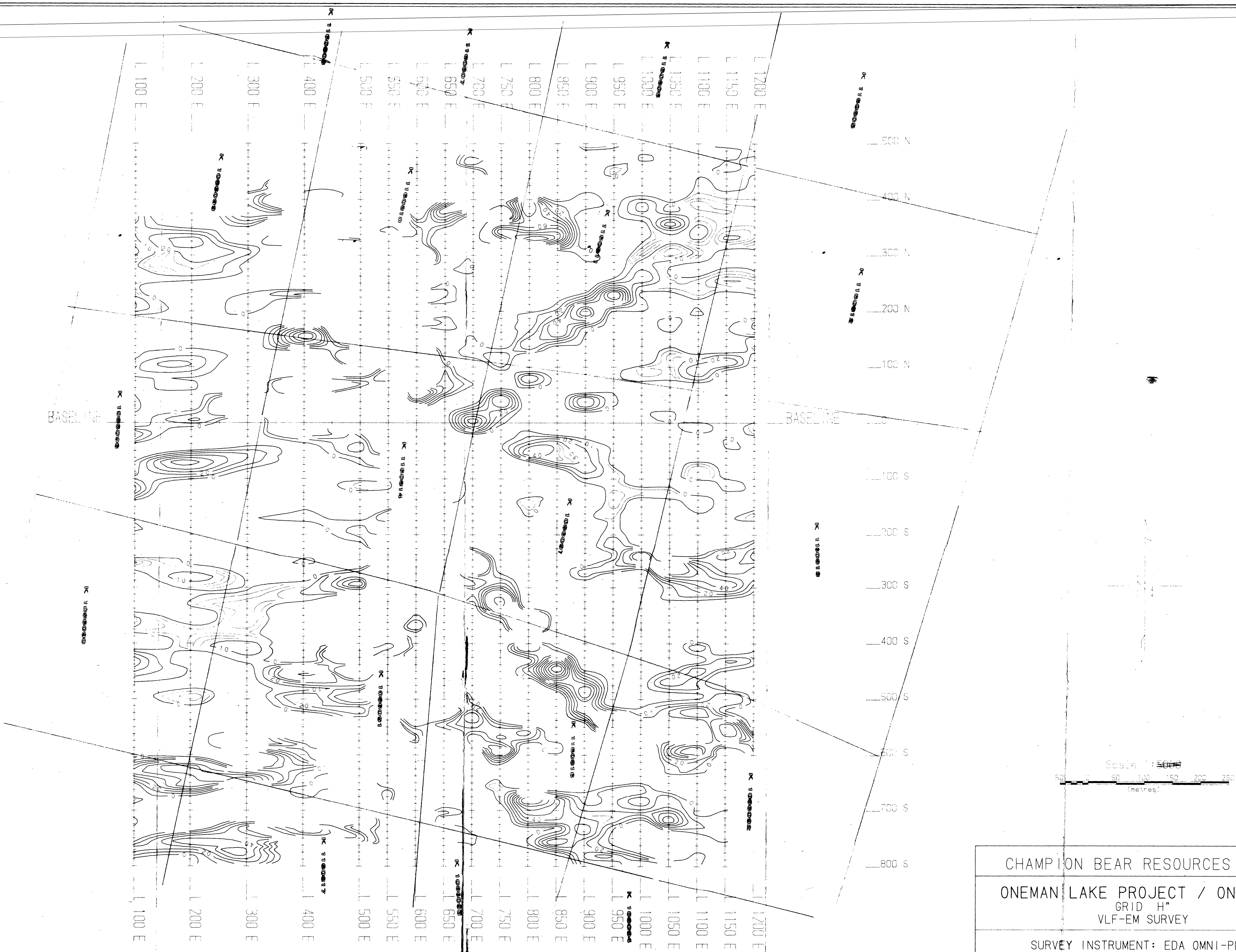
SURVEY DATE:

BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

GP 92-6

52L08SW0051 OM91-110 TREELINED LAKE

400



CHAMPION BEAR RESOURCES LTD.

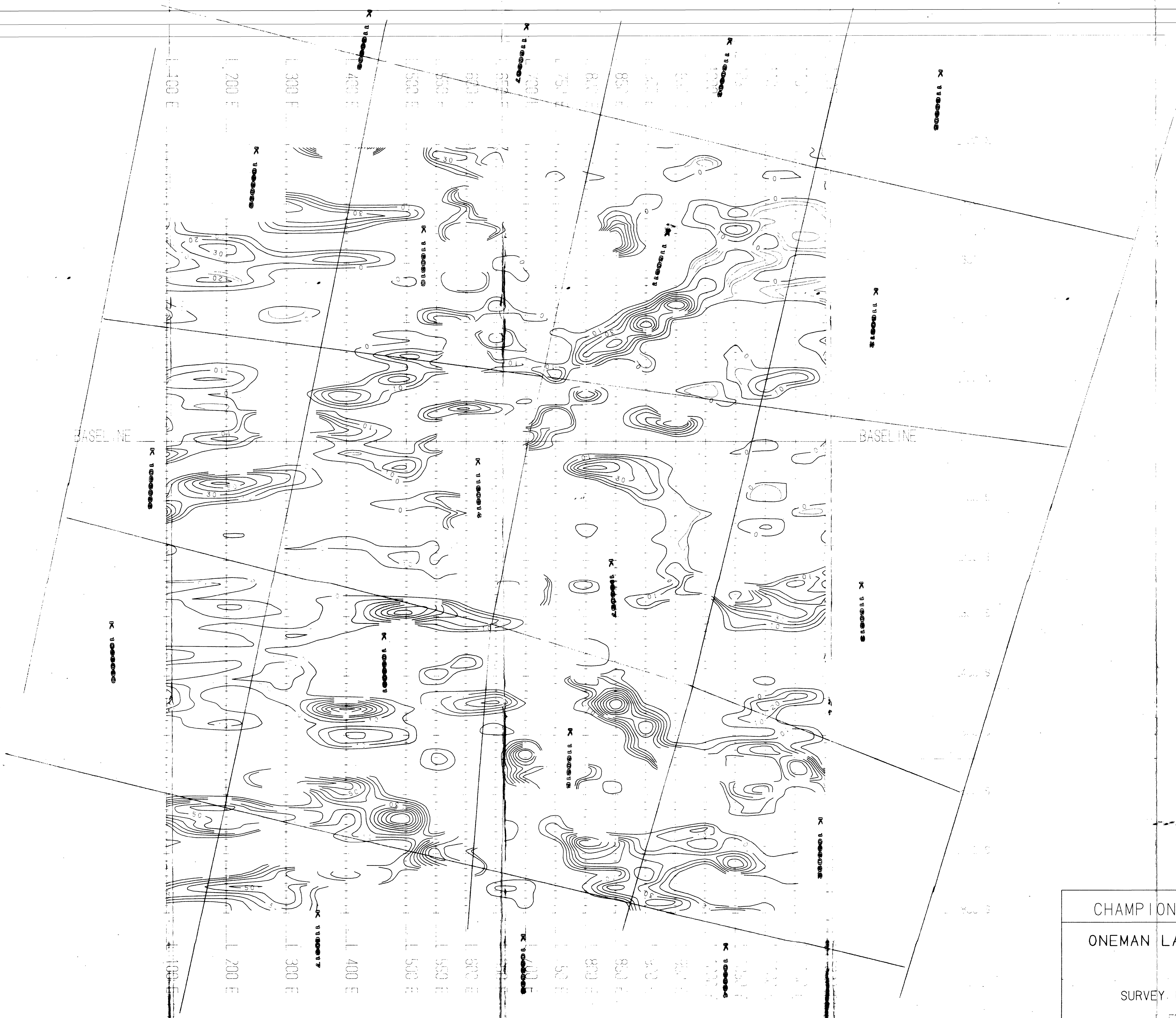
ONEMAN LAKE PROJECT / ONTARIO
GRID "H"
VLF-EM SURVEY

SURVEY INSTRUMENT: EDA OMNI-PLUS
Tx: JIM CREEK / WASH.
FRASER FILTERED IN-PHASE

BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

GP92-7

410



CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROJECT / ONTARIO
GRID H"
VLF-EM SURVEY

SURVEY INSTRUMENT: EDA OMNI-PLUS

FR-SER FILTERED IN-PHASE

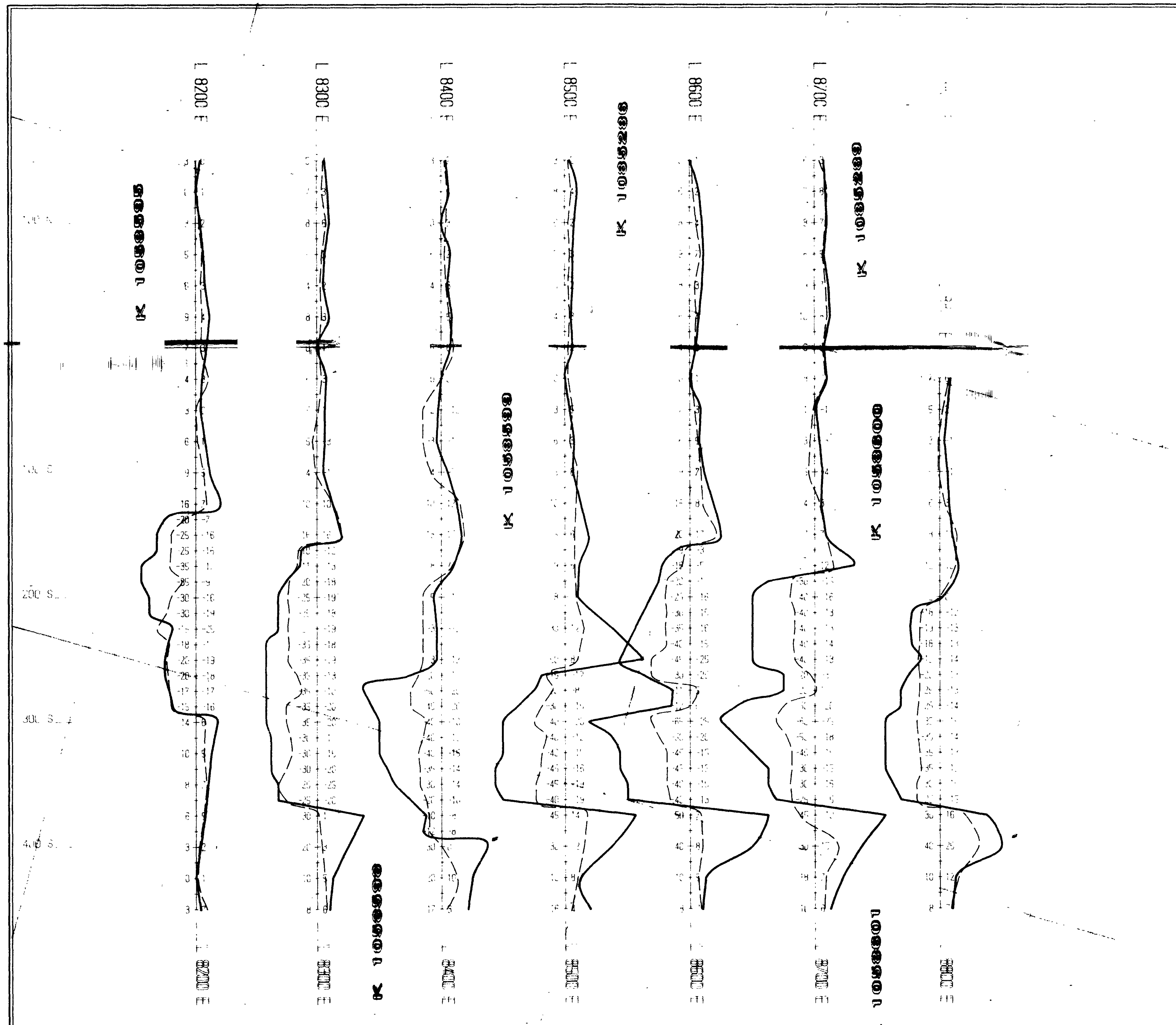
BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

GP92-8

L 3700 E
L 3800 E
L 3900 E
L 4000 E
L 4100 E
L 4200 E
L 4300 E
L 4400 E
L 4500 E
L 4600 E
L 4700 E
L 4800 E
L 4900 E
L 5000 E
L 5100 E
L 5200 E
L 5300 E
L 5400 E
L 5500 E
L 5600 E
L 5700 E
L 5800 E
L 5900 E
L 6000 E

SRD: I (W)

GP92-9



CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROJECT / ONTARIO
GRID: I (FAR EAST PORTION)
HL-EM SURVEY

SURVEY INSTRUMENT: MAXMIN II
MEASURED COMPONENTS: IN-PHASE & OUT OF PHASE

BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

GP 92-11

52L08SW0001 OM91-110 TREELINED LAKE

440

GP 92-10

Grid I (E)

Grid I East

45

CHAMPION BEAR RESOURCES Ltd.

ONEMAN LAKE PROJECT / NW–ONTARIO
GRID: I (WESTERN PORTION)
GROUND MAGNETIC SURVEY

SURVEY INSTRUMENT: EDA OMNI–PLUS WITH BASE STATION
MEASURED PARAMETERS: TOTAL MAGNETIC FIELD
SURVEY DATE: JAN. 1992

BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

GP 92-12

460


5500 E
5600 E
5700 E
5800 E
5900 E
6000 E
6100 E
6200 E
6300 E
6400 E
6500 E
6600 E
6700 E
6800 E
6900 E
7000 E
7100 E
300 N
200 N
100 N
0
100 S
200 S
300 S
400 S
500 S
600 S
700 S
CONTOUR INTERVALS
50 nT
100 nT
500 nT
1000 nT
N
Scale 1:2500
50 0 50 100 150 200
(metres)
CHAMPION BEAR RESOURCES Ltd.
ONEMAN LAKE PROJECT / NW–ONTARIO
GRID: I (CENTRAL PORTION)
GROUND MAGNETIC SURVEY
SURVEY INSTRUMENT: EDA OMNI–PLUS WITH BASE STATION
MEASURED PARAMETERS: TOTAL MAGNETIC FIELD
SURVEY DATE: JAN. 1992
BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

470

GP 92-13

7300 E
7400 E
7500 E
7600 E
7700 E
7900 E
8000 E
8100 E
8200 E
8300 E
8400 E
8500 E
8600 E
8700 E
8800 E
300 N
200 N
100 N
0
100 S
200 S
300 S
400 S
500 S
CONTOUR INTERVALS
50 nT
100 nT
500 nT
1000 nT
Scale 1:2500
50 0 50 100 150 200
(metres)
CHAMPION BEAR RESOURCES Ltd.
ONEMAN LAKE PROJECT / NW-ONTARIO
GRID: I (EAST PORTION)
GROUND MAGNETIC SURVEY
SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
MEASURED PARAMETERS: TOTAL MAGNETIC FIELD
SURVEY DATE: JAN. 1992
BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

GP-92-14

480

CHAMPION BEAR RESOURCES LTD.

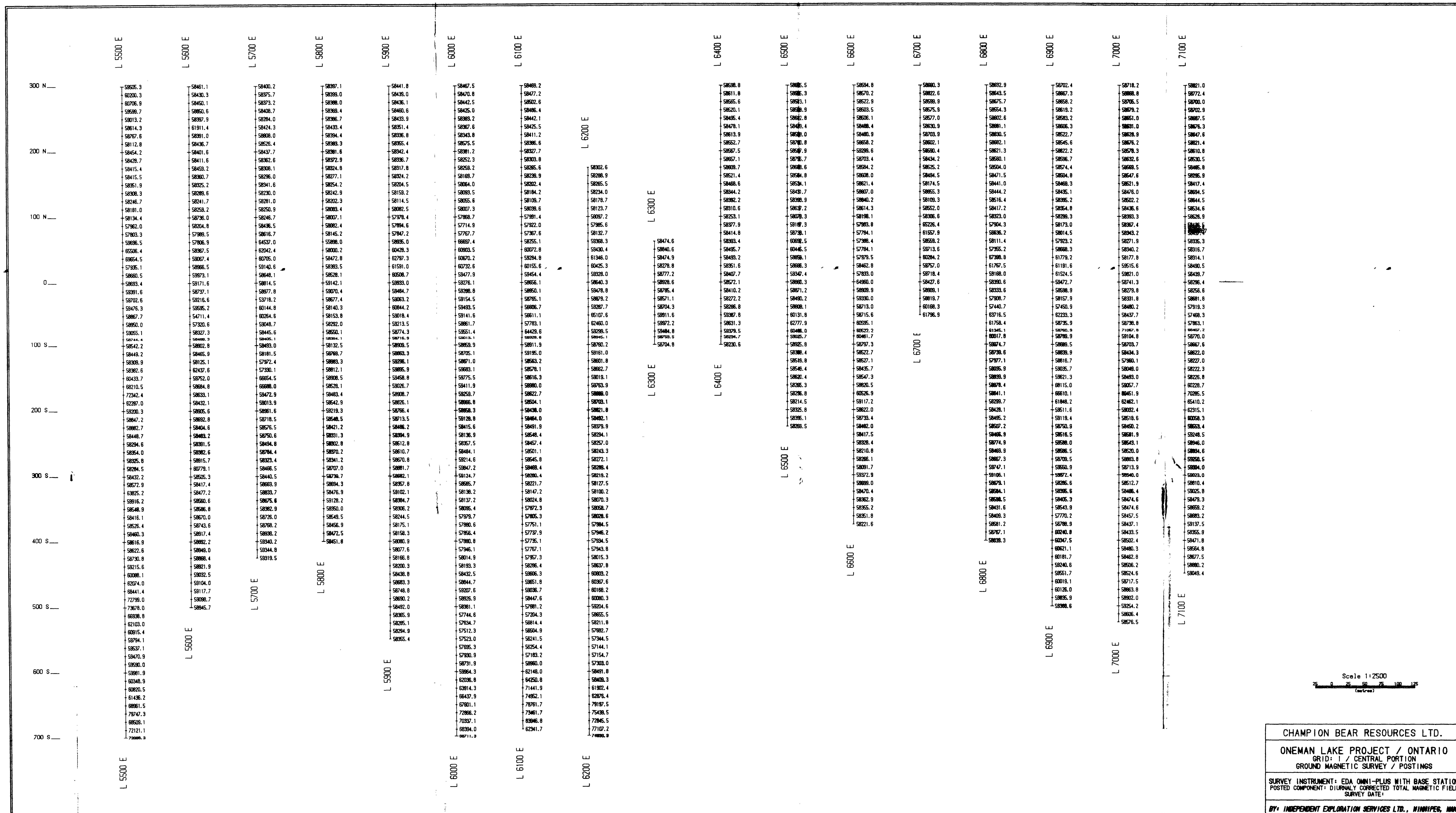
ONEMAN LAKE PROJECT / ONTARIO
GRID: I / WEST PORTION
GROUND MAGNETIC SURVEY / POSTINGS

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
POSTED COMPONENT: DIURNALY CORRECTED TOTAL MAGNETIC FIELD
SURVEY DATE:

BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

GP92-15

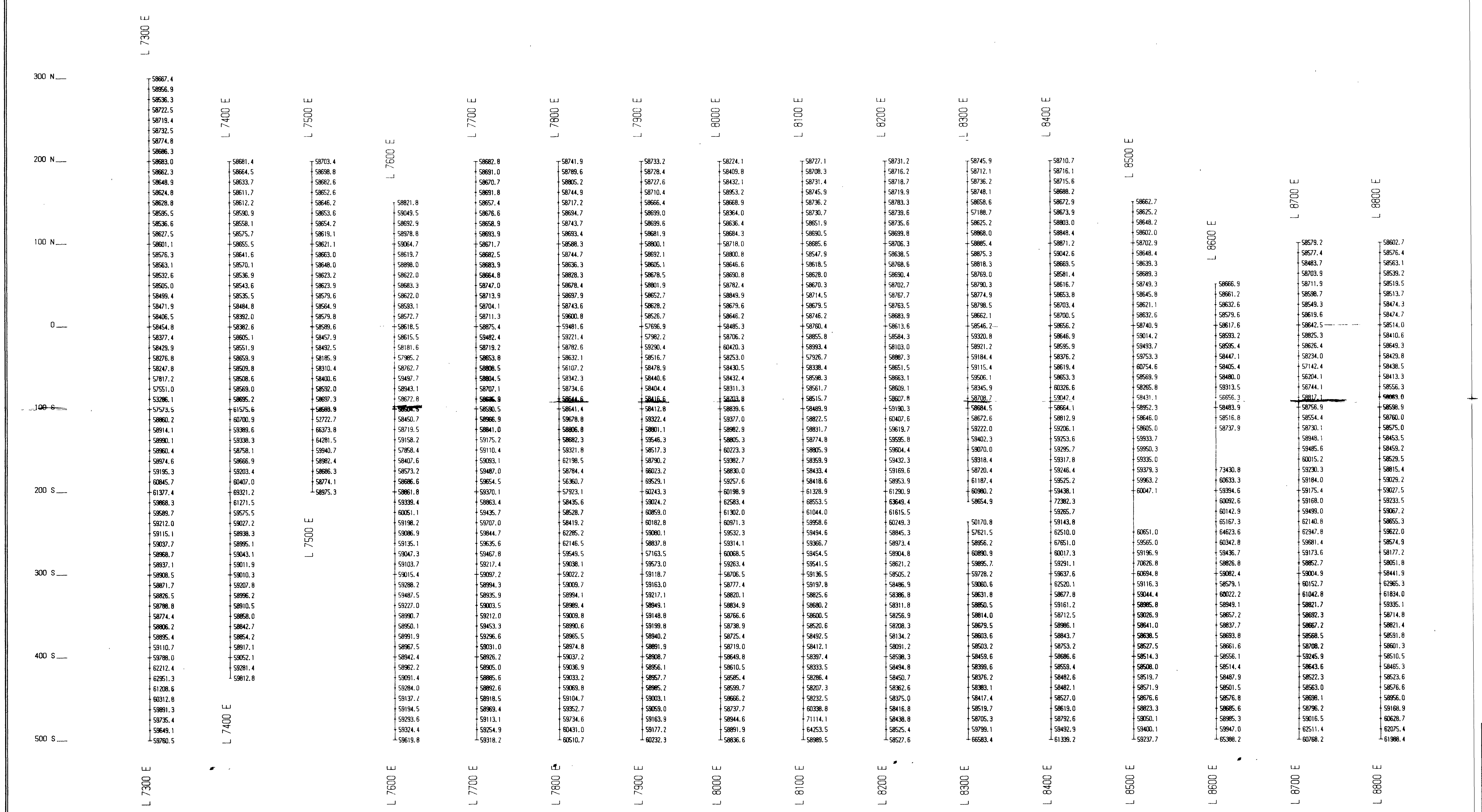
490



GP 92-16

52L08SW0001 OM91-110 TREELINED LAKE

500



Scale 1:2500

25 0 25 50 75 100 125 (metres)

CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROJECT / ONTARIO
GRID: I / EASTERN PORTION
GROUND MAGNETIC SURVEY / POSTINGS

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
POSTED COMPONENT: DIURNALY CORRECTED TOTAL MAGNETIC FIELD
SURVEY DATE:

BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

GP 92-17

510

GRID: J

SCALE: 1:2500

GP 92-18

CHAMPION BEAR RESOURCES Ltd.

ONEMAN LAKE PROJECT / NW—ONTARIO

GRID: J (WESTERN PORTION)

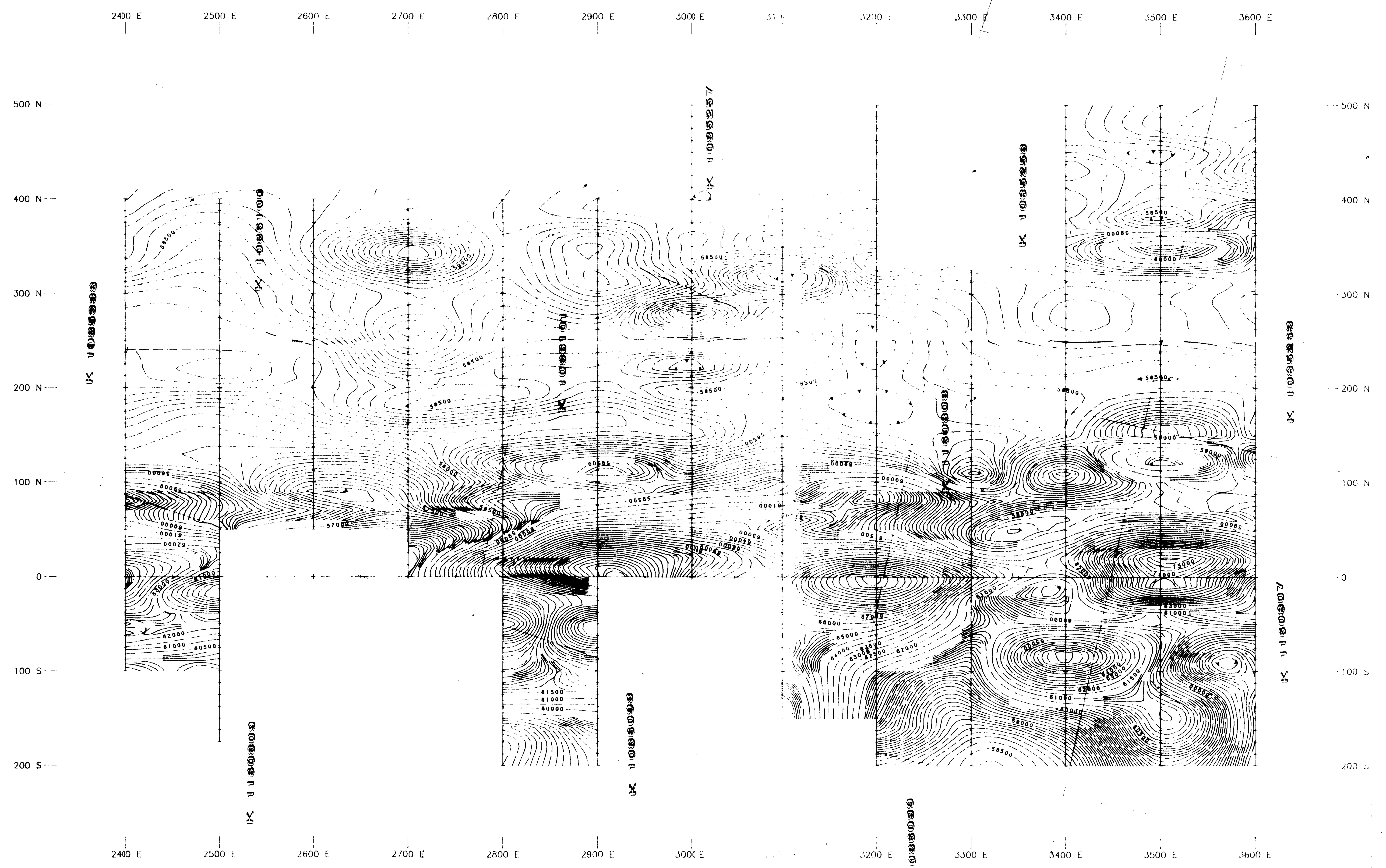
GROUND MAGNETIC SURVEY

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION

MEASURED PARAMETERS: TOTAL MAGNETIC FIELD

SURVEY DATE: JAN. 1992

BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.



CONTOUR INTERVALS
100 nT
500 nT
1000 nT

Scale 1:2500
50 0 50 100 150 200
(metres)

CHAMPION BEAR RESOURCES Ltd.
ONEMAN LAKE PROJECT / NW-ONTARIO
GRID: .. (EASTERN PORTION)
GROUND MAGNETIC SURVEY

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
MEASURED PARAMETERS: TOTAL MAGNETIC FIELD
SURVEY DATE: JAN. 1992

BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

540

CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROJECT / ONTARIO
GRID: J / WEST
GROUND MAGNETIC SURVEY / POSTINGS

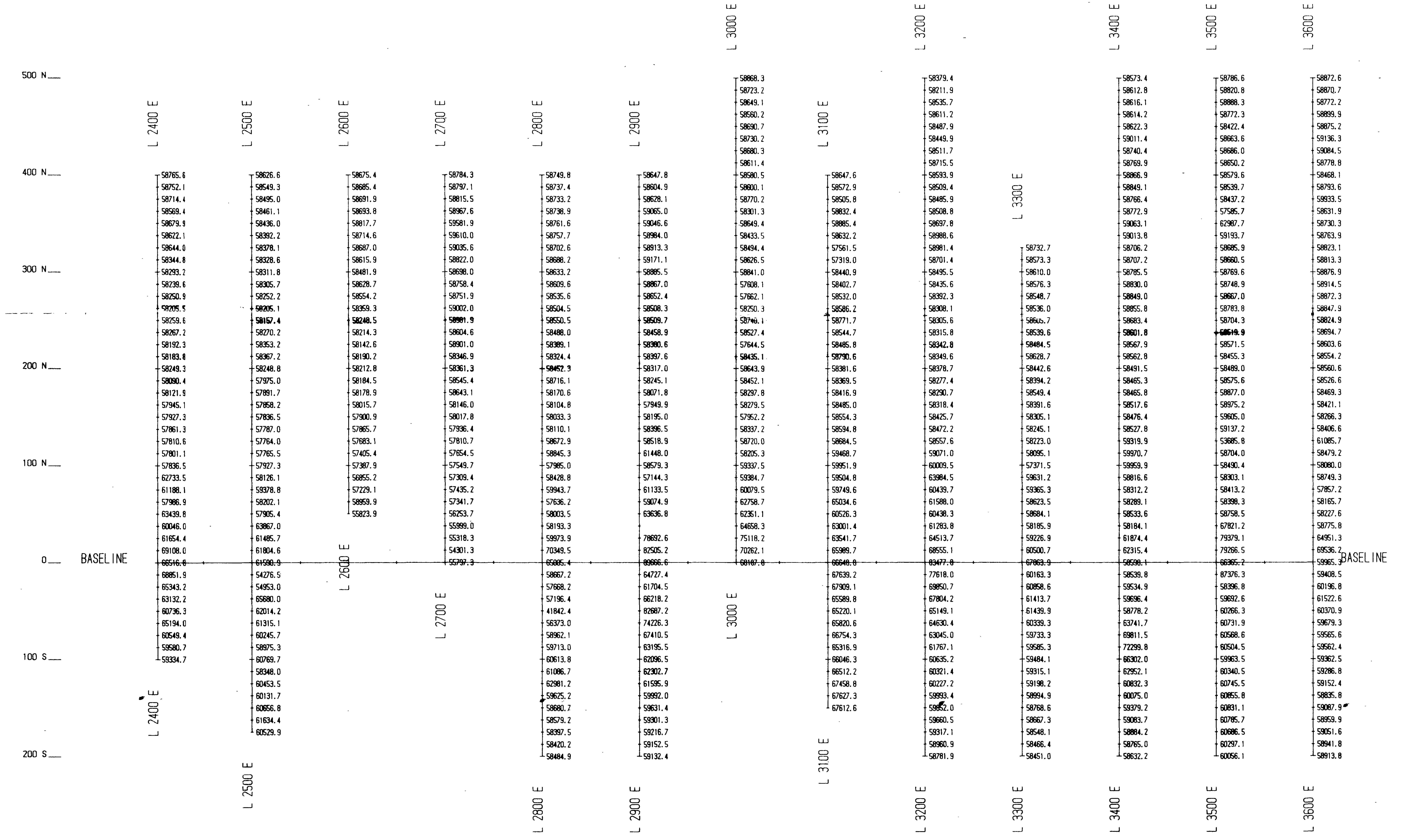
SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
POSTED COMPONENT: DIURNALY CORRECTED TOTAL MAGNETIC FIELD
SURVEY DATE:

BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

GP 92-21

52L08SW0001 OM91-110 TREELINED LAKE

550



Scale 1:2500
25 0 25 50 75 100 125 (metres)

CHAMPION BEAR RESOURCES LTD.

ONEMAN LAKE PROJECT / ONTARIO
GRID: J / EAST
GROUND MAGNETIC SURVEY / POSTINGS

SURVEY INSTRUMENT: EDA OMNI-PLUS WITH BASE STATION
POSTED COMPONENT: DIURNALY CORRECTED TOTAL MAGNETIC FIELD
SURVEY DATE:

BY: INDEPENDENT EXPLORATION SERVICES LTD., WINNIPEG, MAN.

GP92-22

560