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NUINSCO RESOURCES LIMITED

Richardson Township Project

(April 1996, Diamond Drilling)

Rainy River District
Kenora Mining Division
N.T.S. 52 C/13 and 52D/16

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1.0 INTRODUCTION

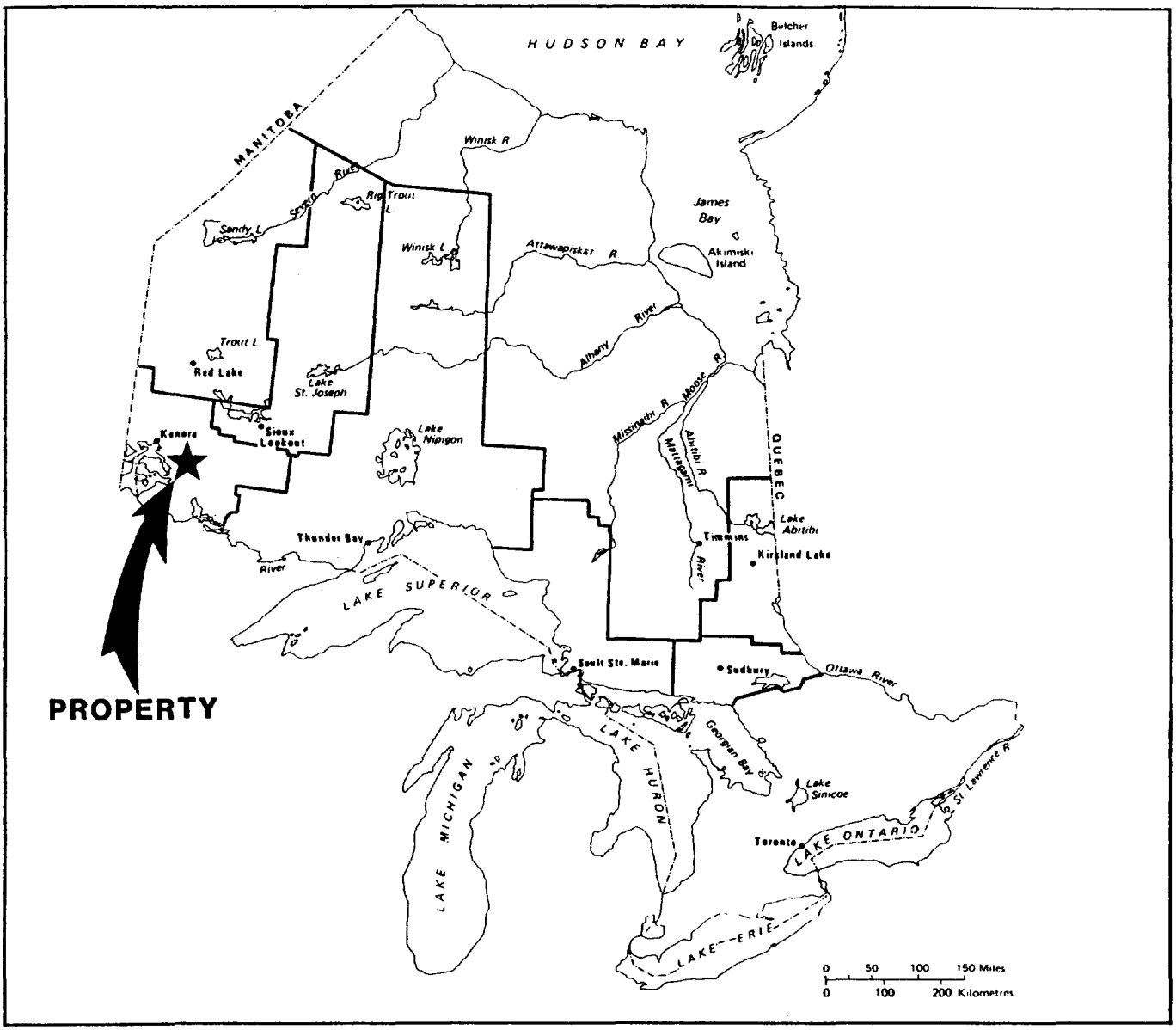
This report describes the results of one component of the Nuinsco exploration program, namely diamond drilling conducted in Richardson Township from March 28 - April 18, 1996. This drilling comprises drill holes **NR-96-21,22,27,28,29, and 31**, a total of **1,343.70 m**. The holes were drilled to test diverse targets and stratigraphy in south Richardson Township, and the results are reported here for assessment purposes.

2.0 LOCATION AND ACCESS

The accumulated claims and options comprising the Rainy River Project property are located in northwestern Ontario in the Ministry of Natural Resources Administrative District of Rainy River, Kenora Mining Division. The area is located near both the border with Manitoba and the international boundary with Minnesota. The nearest population center is Fort Frances, 50 km to the southeast. The villages of Emo and Nestor Falls are about 25 km to the south and north respectively. The claim group is centered approximately by latitudes 48° 45'N to 49° 00'N and longitudes 93° 46'W and 94° 36'W. The property area lies within N.T.S. maps 52 C/13 and 52 D/16. Nuinsco Resources Cameron Lake Mine is located approximately 40km to the northeast.

The Nuinsco Resources accumulated land position consists of a series of discontinuous blocks lying in an arcuate east-west band of some 60km length. The claimed ground is predominantly underlain by metavolcanic-metasedimentary terrain located approximately between the contact of the Sabaskong Batholith to the north, the Rainy River Batholthic Complex and other subordinate intrusions in the east and the interpreted location of the Quetico Fault to the south. The land position is located in the townships of Senn, Menary, Potts, Richardson, Tait, Sifton, Pattullo, Nelles, Blue, Pratt, Spohn, and Attwood and Curran.

Access to most of the claim group is attained via the numerous all weather, secondary, provincial highways (gravel) and township roads which lead off of paved highways 11 and 71. These routes traverse the region and provide excellent ingress to claims in the west and center of the property area. Claims comprising the northeast component of the property group can be accessed by a combination of logging roads, provincial and township roads and for the most inaccessible claims in Menary Township, by boat or snowmachine.



Nuinsco Resources Limited
RAINY RIVER GOLD PROJECT
REGIONAL LOCATION MAP

Figure 1

3.0 PHYSIOGRAPHY

The Rainy River region is located within the Severn Upland of the Canadian Shield (Bostock, 1970). Generally the Precambrian surface, and the overlying Palaeozoic and Mesozoic strata to the west, dips at a very low angle to the southwest into the Williston Basin (Bajc, 1991).

Physiographically the landscape on which the Nuinsco claim groups are situated can be divided into two distinct domains separated by a sharp northwest-southeast trending break - the site of the Rainy Lake - Lake of the Woods Moraine, which locally traverses Rowe, Menary, Potts, and Fleming townships.

To the north and east of the moraine in the Beadle Lake and Off Lake - Burditt Lake areas, a Precambrian highland is only sparsely covered by glacial drift and is characterized by extensive outcrop exposure. This area has been subjected to only one of the most recent glacial advances (the Whiteshell - from the northeast) because of the elevated topography which prevented the advance of other glacial lobes from the west. Glacial drift attains significant thickness only in very local areas. It displays few signs of intense weathering (Bajc, 1991b). Relief is controlled by bedrock geology with the supracrustal sequences displaying positive relief relative to the batholithic complexes; relief can attain 90m.

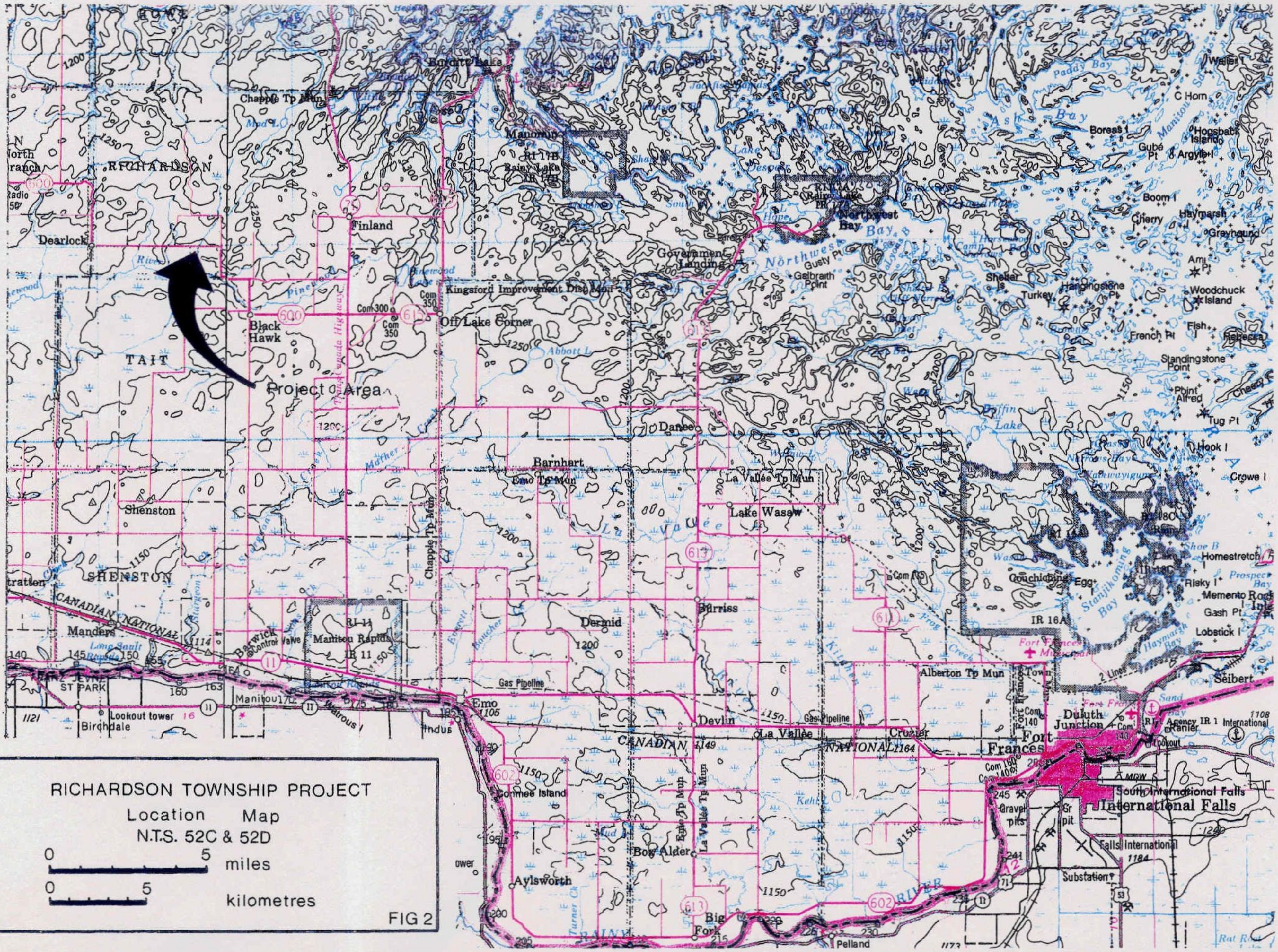
The broad lowland, reduced to a peneplain during Cretaceous time (Teller and Blueule, 1983) has been subject to either two (central areas) or three (west areas) late-Wisconsinan glacial events. Here outcrop ranges from 5-40%, thick drift blankets bedrock surfaces and saprolites are commonly observed in boreholes. The area has been subdivided by Bajc (1991b) into two regions. Region 2a contains 30-40% outcrop by area, and may attain significant relief which is related to bedrock topography; areas separating outcrops are sites of extensive drift accumulation. In region 2b outcrop comprises less than 5% of the surface area, topography is low and undulating, drainage is poor, and peatland is common.

The area underlying the Richardson Township - Potts Township area lies at the margin of 2a and 2b topography. Large outcrop areas to the north and east provide the maximum relief. To the west and south small outcrop areas provide limited relief in extensive flat lying terrane covered by substantial till and bog accumulations.

4.0 EXPLORATION HISTORY

Although exploration activity in the area by individual prospectors dates back to the 1930's, documented exploration in Ministry of Natural Resources assessment files commences in 1967. Additional exploration programs are known to have taken place on private land, however record of assessment was not filed for this work.

In 1967 copper was recorded from a water well hole on the western shore of Off Lake. Consequently Noranda Exploration Company registered claims around the original discovery and performed mapping, geophysics, and diamond drilling; this activity met with limited success and the claims were allowed to lapse.



RICHARDSON TOWNSHIP PROJECT

Location Map

N.T.S. 52C & 52D

0 5 miles

0 5 kilometres

FIG 2

In 1971 International Nickel Company of Canada Limited conducted airborne and follow-up ground geophysics in the region as a whole; although there is no record of this work Inco did file a report on two diamond drill holes in Richardson Township in 1973. Reportedly one of these drill holes encountered anomalous gold values (D. MacEarchern, per. comm.).

In 1972 Hudsons Bay Exploration and Development carried out airborne geophysical surveys followed by claim staking and ground geophysics. In 1973 HBED drilled 54 diamond drill holes regionally to test 42 E.M. conductors, including anomalies in Tait Township, adjacent to the south of the Quetico Fault (Nelson, 1990). The principal target of this exploration was base metal and none of the work was filed for assessment purposes, although it is apparent that it was subsequently available to Mingold personnel.

In the mid 1980's exploration programs were mounted in Menary Township and the Off Lake area by several companies. Agassiz Resources examined the potential for both base metal and gold in both area's with a program of mapping, stripping, sampling, and geophysics over two field seasons. In the process they discovered numerous showings of both gold and copper-zinc and discovered what came to be termed the Agassiz Showing in Menary Township. In 1984 Lacana Mining Corporation undertook a single field season of mapping and sampling over an extensive area adjacent to Off Lake and Burditt Lake. No significant areas of mineralization were reported. Spartan Resources conducted an I.P. survey over a grid adjacent to the eastern shore of Off Lake in 1988. Anomalous responses were obtained from the survey but no further assessment is recorded, although unreported trenching, stripping and sampling was conducted at the site of the survey.

In 1989 Western Troy Capital Resources began a mapping and sampling program on claims staked in Menary Township which partly encompass the lapsed properties of Agassiz and HBED, and the gold and base metal occurrences discovered during those programs. Following initial exploration for base metals Western Troy discovered "several" native gold bearing, quartz veins late in 1991. The veins are at present interpreted to be the folded and boudinaged fragments of a single original vein. When sampled, this zone returned an average of 1.4 oz/ton gold. Subsequently, additional showings were discovered later in 1991 and during the 1992 season. Interestingly most of these veins are situated in the lowermost unit of the mafic stratigraphic succession of the area, in close proximity to the contact of the Sabaskong Batholith.

A 250 ton bulk sample of the veins discovered in 1991 was conducted during the 1992 program; this was expanded to a reported 500 tons and was completed in September of 1993. Additional, more ambitious, extraction was conducted throughout the 1994 field season (to December, 1994).

Considerable interest was generated in the area west of Finland following the release of the O.G.S. publication "Gold Grains in Rotosonic Drill Core and Surface Samples (1987-1988), Map No. P.3140. In 1989 Mingold Resources Inc. staked 85 claims and optioned property from 12 local landowners in three separate blocks in Richardson, Tait, Pattullo, and Sifton townships. Between mid-1989 and late-1990 Mingold conducted a sampling program of the glacial drift by hand, backhoe trenching, and reverse circulation drilling. This work was accompanied by geological mapping and ground geophysics. Subsequently, a limited diamond drilling program consisting of three drill holes was carried out in Pattullo Township based on these surveys. The results of this drilling were inconclusive and the anomalous values obtained in the tills were

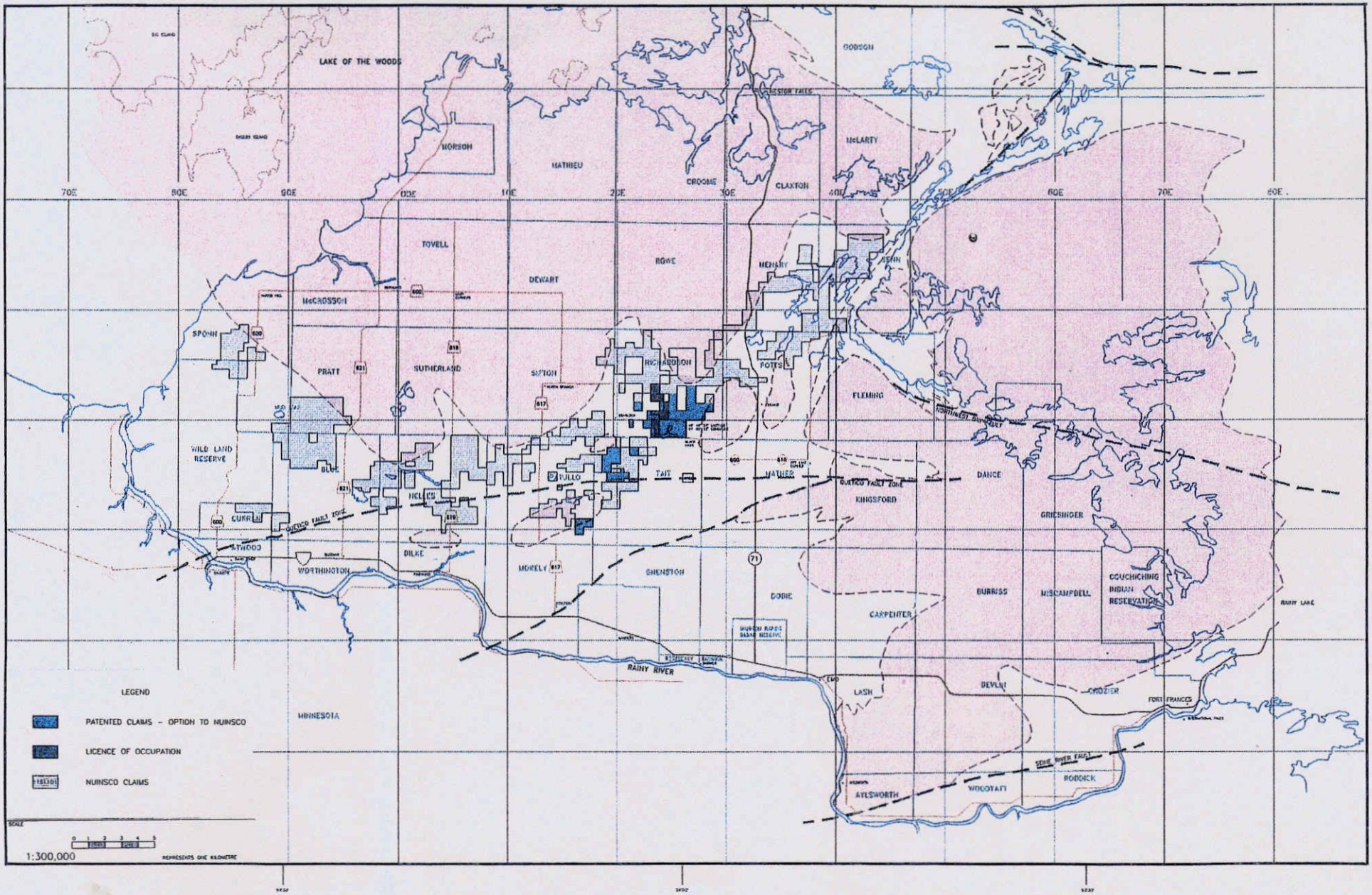


Figure 3 – Location of the Nuinsco Properties in the Rainy River Greenstone Belt.
Source: Cover of Nuinsco Resources Ltd. 1994 Annual Report

generally left unexplained. The Canadian activities of Mingold were terminated prior to complete assessment of all anomalous results.

Nuinsco Resources subsequently began to assemble a land position in the region in 1991, initially centered on the Richardson Township - Menary Township area. In 1993 the land position was expanded to include Crown Land in several townships extending west to the international boundary and currently Nuinsco has claims and options comprising some 25,000 ha across the Rainy River greenstone belt.

Between the initiation of field work in June, 1993, and May, 1996 Nuinsco Resources has completed a Landsat linear study; local I.P., magnetometer, horizontal loop E.M., surface P.E.M., borehole P.E.M., surveys as well as additional interpretation of selected parts of the 1990 government sponsored regional airborne E.M.-mag survey; regional reconnaissance mapping and sampling; enzyme leach soil sampling; detailed grid mapping: outcrop stripping and trenching, four separate programs of rotasonic and reverse circulation drilling, comprising some 369 holes in total; diamond drilling in Menary, Senn and Richardson townships comprising 77 drill holes.

This report summarizes a portion of the exploration work, namely diamond drilling, which was carried out in April of 1996.

5.0 CLAIM DESCRIPTIONS

The Nuinsco Resources Ltd. properties discontinuously spans some 60 km east to west and encompasse 25,087 ha in total at time of writing. It is composed predominantly of mineral claims on Crown Land (20,521 ha), with subordinate optioned patented ground (4,222.89 ha), and a License of Occupation from the Agricultural Rehabilitation Development Agreement (A.R.D.A., 353.10 ha). The land position in its entirety falls within the jurisdiction of the Kenora Mining Division, Ministry of Natural Resources Administrative District of Fort Frances.

The assessment work conducted and detailed in this report, consists of diamond drilling. All of the work was carried out on patented options in Richardson Township. Property boundary locations are included on map 1 in the pocket included with this report. The patents on which work was conducted are listed below and detailed in Appendix III. All options are being maintained in good standing by the Company.

Table 1. *Diamond Drill Holes Collar Locations*

Township	Lot No.	Concession	Drill Holes
Richardson	S1/2, Lot 5	I	21, 22, 27
	N1/2, Lot 5	I	28, 29, 31

6.0 REGIONAL GEOLOGY

The Nuinsco Resources claim groups and patent options are located in a 900 km long by 150 km wide granite-greenstone belt within the Wabigoon Subprovince of the western Superior Province. Approximately 100 km to the west of the property area the Archaean rocks of the shield are covered by Phanerozoic sedimentary strata in southern Manitoba and Minnesota. Much of the extreme southwest part of the Wabigoon, and particularly the area encompassing the Nuinsco land holdings has been reduced to a peneplain, the result of extensive Cretaceous erosion and weathering. This region is the site of extensive regolith accumulation comprised of (apparently) locally extensive saprolites followed by Quaternary glacial drift, and recent accumulations.

The region has been the subject of several Ontario Department of Mines - Ontario Geological Survey mapping programs (see below) from which much of the geological descriptions are excerpted;

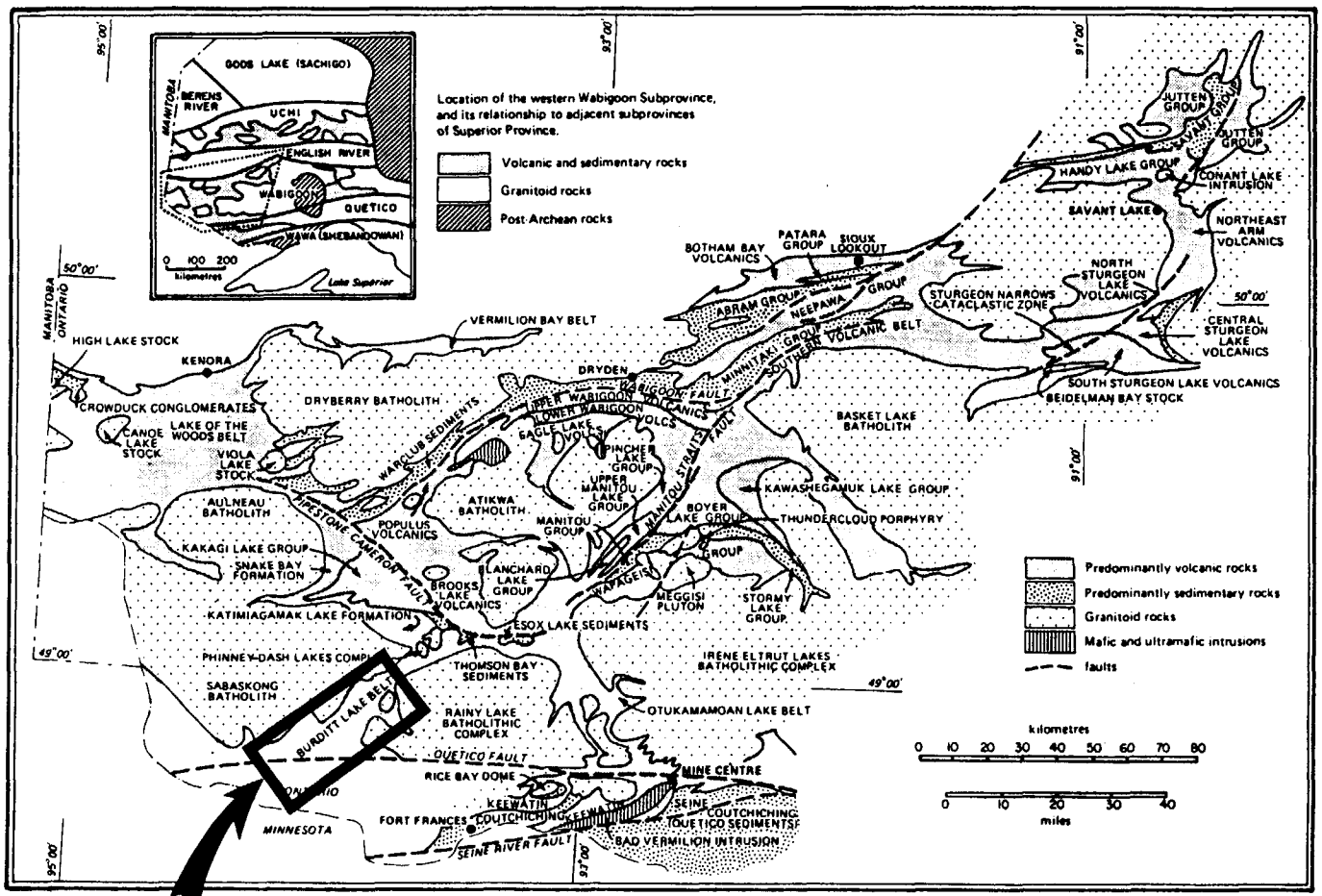
Table 2. *O.D.M.-O.G.S. Reports Covering in the Rainy River Region*

1954.	Fletcher and Irvine	O.D.M. Vol LXIII, part 5. The Geology of the Emo Area
1976.	Blackburn, C.E.	O.D.M. G.R.140. Geology of the Off Lake Burditt Lake
1983.	Edwards,	O.G.S. Rep. 201. Geology of the Bethune Lake Area.
1988.	Johns, G.	O.G.S. Map P3110. Geology - Rainy River Area.

6.1 *Precambrian Geology*

The Western Wabigoon region underlying the Nuinsco claim groups is composed of supracrustal metavolcanic and metasedimentary rocks of the Rainy River Greenstone Belt (Blackburn et al., 1992). Syntectonic granitoid batholithic complexes (Sabaskong Batholith, Fleming Township Tronjhemites, Jackfish Lake Complex) occupy the northwest, northeast, and east of the region respectively. Late to post tectonic stocks such as the zoned Blackhawk, homogeneous Finland and inhomogeneous Burditt Lake, as well as other unnamed intrusions are located within the boundaries of the greenstone terrain.

The extreme northwest of the greenstone belt, centered around the north part of Burditt Lake and Pipestone Lake is underlain by submarine mafic flows and pretectonic, subvolcanic, quartz-hornblende gabbro and leucogabbro intrusions (Edwards, 1983). These rocks have been folded into the northeast trending Silver Lake Syncline, the axial trace of which is identifiable to Dad Lake in the north and to the contact of an apophysis of the Sabaskong Batholith near Tompkins Lake in the south. Rare occurrences of mafic to intermediate tuff (described as shardy to ashy, Edwards, 1983) occur within the metavolcanic package. Where mapped in the Burditt Lake area, the metavolcanic succession is approximately 4-5 km wide and is sandwiched between the Sabaskong Batholith to the northwest and the Jackfish Lake-Weller Lake Pluton to the southeast.



RAINY RIVER DISTRICT

REGIONAL GEOLOGY
WESTERN WABIGOON SUBPROVINCE AND ITS MARGINS

Figure 4

Edward (1983) ascribed a crude zonation in the metavolcanic assemblage, consisting of a Lower Mafic Group of 300-900m thickness adjacent to the Sabaskong Batholith, overlain by a Middle Mafic Group.

The metavolcanic stratigraphy to the central part of the region extending south to the interpreted trace of the Quetico Fault has been subdivided on lithological grounds. In the north and west of the project area the stratigraphy has been divided into six distinct mafic tholeiitic units, while in the south and east five distinct intermediate-felsic calc-alkaline units have been identified. The underlying mafic members comprise approximately 2/3 of the metavolcanic pile and the overlying felsic-intermediate accumulations approximately 1/3. The true thickness of the entire sequence is estimated at approximately 4.5 km, however the belt narrows to approximately 1.6 km near the boundary between Richardson and Potts townships, and broadens to more than 10 km as a result of folding near the Sifton and Richardson townships boundary. The mafic volcanics are described as being composed of massive, porphyritic, and pillow lavas and gabbroic lavas (gabbro's?). The felsic-intermediate rocks are described as volcanic to subvolcanic and equivalent intrusive phases and are composed of pyroclastic breccias, lapilli tuffs, ash tuffs, and quartz-feldspar porphyries. The late to post tectonic Blackhawk and Finland stocks have been intruded into the center south of the project area, deflecting bedding radically around the intrusions.

In the west of the region (i.e. west of the Sifton-Richardson townships and Tait-Pattullo townships boundaries) preliminary mapping by Johns (1988) has crudely outlined the metavolcanic stratigraphy, although mapping was greatly hindered by the lack of outcrop in this area of extensively covered glacial drift. The metavolcanic rocks are divided into two stratigraphic units. A lower mafic unit consisting of massive and pillowed mafic flows with local pillow breccia, hyaloclastite, and feldspar phyric flows. Gabbro occurs in the extreme west, northeastern and southeastern portions. An upper diverse member conformably overlies the lower member and is composed of interbedded and interdigitated mafic and intermediate flows, debris flows, intermediate pyroclastics, wacke, and reworked tuff. In the eastern portion of this area volcanic derived metasediments (bedded wackes) have been mapped and extend eastward.

The south and southeastern part of the region south of the Richardson-Potts-Fleming townships south boundaries was mapped by Fletcher and Irvine (1954). Felsic and intermediate metavolcanics occur in the south of the area in Dobie and Shenston townships (also in the north as the southern continuation of the metavolcanics mapped by Blackburn). These units are composed of quartz-feldspar porphyries, blocky fragmentals (agglomerate), and tuffs. Mafic metavolcanics occur in association with the felsic-intermediate members and are composed of fine to coarse grained flows and pillow lavas and associated interbedded mafic rich interflow metavolcanic sediments. Additionally, extensive wackes occur in two bands extending from west of the map area (see Johns, 1988) and have been interpreted to be the opposing limbs of a syncline; the bands are separated by a granitoid (granidiorite) intrusion. The metavolcanic-metasedimentary stratigraphy is again intruded by numerous igneous bodies including the southwestern extensions of the Rainy Lake Batholithic Complex, as well as mafic intrusions such as the Dobie Intrusion and the Lash-Carpenter Intrusion.

Regional metamorphic grade is regarded as being generally of greenschist to low-mid amphibolite facies (although higher grades are noted by Johns in the west and Fletcher and Irvine in the south

and west). Metamorphic grade, particularly adjacent to the late-post tectonic stocks may attain upper amphibolite with possible local partial remelting of the host rocks.

Structurally, the region is complex and very little of the structural elements have been worked out. Evidence of stratigraphic facing comes dominantly from the presence of pillows. In the extreme north, the metavolcanic succession has been folded around the Sabaskong Batholith into the east-northeast trending Nightjar Anticline which is paired with the Slender Lake Syncline to the southeast. The Helena-Pipestone Lake Fault extends south to Dad Lake and in the north approaches the trace of the Pipestone-Cameron Fault. Continuing to the south the metavolcanic stratigraphy of the Offlake-Burditt Lake area are considered to form a southeasterly facing homoclinal sequence between the Sabaskong Batholith and the Burditt Lake Stock and the Fleming Township Tronjhemites. Farther to the west the metavolcanic-metasedimentary stratigraphy has been folded about the north-south axes of the southward plunging Deerlock Syncline which is paired with an unnamed anticline in Richardson Township. South of this area Johns (1988) has inferred the presence of a complex fold pattern, showing several anticline-syncline pairs which strike northeast curving to the east. Fletcher and Irvine (1954) infer the presence of three folds, two anticlines and a syncline with east to northeast striking axes - as with those mapped by Johns.

The southern part of the region is transacted by the Quetico Fault, although the surface trace of the fault is only conjectured towards the west. The fault is traceable for over 200 km and in part defines the southern boundary of the Wabigoon Subprovince which lies to the east of the project area. Dextral transcurrent offsets are interpreted to be the major movement, estimated to be up to 128 km (Mackasay et al., 1974, Blackburn et al., 1992). A southerly splay from the Quetico is interpreted to strike northeast passing near the village of Stratton.

Well defined penetrative deformation is commonly observed on a regional scale. At the margins of intrusive bodies foliation/schistocity can be very strongly developed, striking tangentially to the contact of the intrusion.

6.2 *Cretaceous Geology*

Cretaceous Sediments occupy the Red River Valley and are observable in Manitoba, Minnesota, and North Dakota where they blanket older sediments that fringe the Williston Basin (Bajc, 1991b). In the Rainy River region no exposures of Cretaceous age have been documented, however an outlier of Cretaceous marine clay has been noted 65km south of Fort Frances, suggesting a more extensive pre-existing presence (Bajc,1991b). Middle Cretaceous, non-marine, fossiliferous, clastic sediments have been encountered in an O.G.S. borehole 7.5 km northwest of Rainy River. Composed primarily of white to buff colored, moderately sorted, silica sand and gravel, this occurrence is located in a protected hollow, down-ice from prominent bedrock highlands.

Results from the Nuinsco 1995 overburden drilling program and preliminary results from the 1996 overburden drilling suggest more widespread occurrences of probable Cretaceous and possible Jurassic sediments across the Rainy River district.

Thick saprolites (of diverse protolith), presumed to be Cretaceous in age have also been documented. These units attain in excess of 60 m and have been encountered in several O.G.S. and Nuinsco overburden boreholes and diamond drill holes. This weathered profile suggests previously widespread residual soil over much of the Precambrian Shield which was subsequently removed by Quaternary and Tertiary erosion (Bajc, 1991b).

6.3 *Quaternary Geology*

The youngest members of the stratigraphic succession are widely distributed, unconsolidated sediments which blanket the entire region and become very thick to the west.

Generally the unconsolidated sediments encountered are Late Wisconsinan tills. However, reports in Bajc (1991b) indicate that pre-Late Wisconsinan tills have been preserved locally under significant Late Wisconsinan till cover and have only been observed in boreholes; they are interpreted to be Early Wisconsinan or perhaps Illinoian in age.

The oldest Late Wisconsinan deposits are attributed to an ice advance originating from the northeast (Labradorean Lobe, Laurentide Ice Sheet), and has been named the Whiteshell Till. This till is widely distributed as a discontinuous veneer in bedrock depressions and in the lee of topographic highs (Bajc, 1991b). It is also concealed beneath younger tills and is observed in overburden boreholes in the west part of the project area. This till may contain 15-70% clasts with lithologies which closely reflect the underlying bedrock type. The matrix is composed of sand and silt with only minor clay (Bajc, 1991b). Associated glaciofluvial sediments were deposited either subglacially or subaqueously and consist of stratified sands and gravels.

Overlying Labradorean derived drift are Keewatin derived tills which originated with ice advancing from the west. These tills extend east to the site of the present day Lake of the Woods-Rainy Lake Moraine. The Whitemouth Lake till is the oldest Keewatin derived till. It is composed of a sand-silt-clay matrix comprising 90-95% of the unit and containing generally <5cm pebbles of dominantly carbonate composition, although shale, siltstone and lignite are also noted.

The youngest till, again Keewatin derived, is the Marchand till which is deposited in the extreme west of the project area. It often is in direct contact with the Whitemouth Lake till or may be separated from it by up to several metres of glaciolacustrine sediments. The matrix is composed of sand-silt-clay (lower clay content than in the Whitemouth Lake till) and contains up to 10-20% clasts of similar composition to the pebble fraction in the Whitemouth Lake till.

Glacial deposition was complete shortly after 11,600 years B.P. (date of the Whitemouth Lake till deposition - Bajc, 1991b). The initial phases of Glacial Lake Agassiz commenced around 11,500 years B.P. and the lake inundated parts of the region, depending on water level fluctuations, until 7,500 years B.P. Glaciolacustrine phases of deposition recognized in the region include pre-Lockhart (pre-Late Agassiz), Lockhart, Moorhead, Emmerson, Nipigon, and Ojibway phases. All phases consist of sand, silt, clay, glaciolacustrine-lacustrine sediments deposited between and above the previously deposited till horizons.

6.4 *Recent Deposits*

Extensive peat deposits occur throughout the project area, attaining 8m depth in the east near Fort Frances and generally thinning to the west. Radiocarbon dating gives a maximum age of approximately 5,000 years for these deposits.

Finally recent alluvium, and eolian deposits are restricted to the floodplains of the major water courses. They are composed of organic rich sand, silt, and clay (Bajc, 1991b).

7.0 LOCAL GEOLOGY

The local geology of Richardson Township and immediately surrounding townships has been generally poorly understood because of the paucity of outcrop and lack of past exploration activity. As mapped by Blackburn (1976) and Johns (1988) this area is underlain by a thick succession of tholeiitic mafic metavolcanics which conformably passes into an upper diverse metavolcanic unit, often intermediate in composition.

Recent mapping, overburden drilling, and diamond drilling by Nuinsco have further served to define the geology in the area of central southeast portion of Richardson Township.

7.1 *Lower Mafic Succession*

The most abundant metavolcanic rocks in the project area are mafic metavolcanic massive and pillowed flows, flow breccias and tuff-hyaloclastites, and interflow and graphitic sediments. These units correspond with M3 and M5 members of Blackburn's (1976) six member mafic stratigraphic succession. They have also been observed in the northern part of Richardson Township and are folded around the nose of an unnamed anticline. The strike varies from approximately 45° (on line 22+00E), to approximately 115° (to the west of line 4+00W). Pillow tops comprise the sole criteria for stratigraphic facing and have been used to define the presence of a synclinal fold (i.e. tops are to the southeast of line 0+00 while on line 32+00W tops to the southwest were observed). The contact between the mafic metavolcanics and the overlying intermediate succession is conformable. In drill core this contact is defined by well bedded pyritic (± pyrrhotite) - graphitic sediments and magnetite bearing iron formation.

7.2 *Felsic-Intermediate Succession*

Abundant lichen growth and uniform weathering have hindered detailed mapping of individual stratigraphic units within the upper diverse succession. Efforts to clean individual outcrops, and subsequent diamond drilling indicate that the stratigraphy within the upper diverse succession can be both varied and complex. Certainly, evidence from stripped outcrops indicates that numerous distinct members comprise the stratigraphic assemblage and, that as a result of subsequent deformation, these units may be truncated, juxtaposed or folded.

Whole rock analyses indicate that most of the members of this succession plot within the calc-alkaline domain of the Jensen Cation Diagram as rhyolites through to basalts. The preponderance of samples however, fall within the dacite and andesite fields. Observations from diamond drill

holes and whole rock sampling show the succession to also include theoleiitic and locally ultramafic (komatiitic) units.

As with the underlying mafic metavolcanic assemblage the felsic-intermediate surface rocks have been folded about the north-south axis of the anticline, however contacts are difficult to identify at surface. Abutting the western contact of the Blackhawk stock , mapping, overburden drilling and diamond drilling show these units to extend well to the west and northwest of earlier interpretations, ie. West of lot 8 con I and II, Richardson Twp.

In addition to the quartz eye dacite fragmentals (crystal-ash tuff) which form the dominant portion of the succession, subordinate, intermediate, flows and possible quartz ± feldspar intrusions of sub-metre to decimetre widths have been noted. Contacts between individual horizons in this part of the sratigraphic package are usually not well defined. Some local grading of quartz crystals occurs has been mapped.

Thinner, often well bedded tuffaceous and sedimentary horizons, which may be siliceous, chloritic, argillic, or graphitic, and oxide facies iron formation have been intersected in drill holes, particularly in the south part of the gridded area line 7+00S - 14+00S, 2+00W -10+00W.

The intercalated, fine grained, mafic flow/tuff horizons which have been intersected in several drill holes throughout the predominantly intermediate stratigraphic succession, are up to 250 m thick. At surface these mafic units lie between lines 6+00W and 10+00W near the 8+00S tieline. These units exhibit a characteristic buff-rust weathering of the iron-carbonate mineralization and are the sites of the anomalous gold mineralization contained within narrow (cm scale) shears. The rocks are pyritiferous and silicified.

A subordinate but highly visible member of the succession is a matrix to fragment supported, blocky fragmental unit containing abundant groundmass chlorite enveloping the more siliceous clasts/pyroclasts. Typically these horizons contain 45-50 weight % SiO_2 and up to 25% pyrite by mode, in bands that possibly define bedding. These units stand out in outcrop as they weather to a dark brown to black gossan. They are tentatively interpreted to be debris flows.

A noteworthy feature of the upper diverse succession is the abundance of disseminated sulfide mineralization encountered, particularly within the quartz eye dacite member. It is evident on weathered outcrop surfaces as ubiquitous rusty patches. In drill core the pyrite is observed as fine disseminations and fracture fillings, locally (as in the 17 Zone) with abundant sphalerite. As fracture fillings, the sulphide is often associated with quartz, chlorite, and carbonate, implying a suspect epigentic origin. A pyrite content of approximately 3%-5% is ubiquitous across this area and measures > 2 km by > 1 km in size. In addition, subordinate pyrrhotite, chalcopyrite, galena, arsenopyrite and visible gold have been observed.

7.3 *Felsic-Intermediate Intrusions*

Abundant felsic-intermediate dykes cut the mafic stratigraphic succession. They are particularly abundant on a large area of outcropping mafic volcanics lying between 6+00 E and 11+00 E. Here they bifurcate and rejoin but generally strike at approximately 30°. The dykes range from decimetre to tens of metres in thickness. Textural and chemical similarities between these bodies

and the intermediate metavolcanics stratigraphically above suggest that these dykes were feeders to the felsic-intermediate succession.

These dykes are light to medium gray on fresh surfaces and weather to a buff color. The groundmass is aphanitic with local quartz and or feldspar phenocrysts. They rarely contain more than a trace amount of sulphide mineralization. There is a strong similarity between the dykes and the fragmentals upsection; in all probability these units have been confused with one another.

7.4 *Mafic-Ultramafic Intrusions*

Narrow (often sub-metre) mafic intrusions are frequently intersected in drill holes. In general these bodies are aphanitic to fine grained, massive to weakly feldspar phyric. Concordant and discordant contacts occur while shearing at the contacts is common. Sulphide mineralization is generally limited to less than 2%. They are variably magnetic.

In contrast to the inconsequential mafic units mentioned above, diamond drilling has partially defined an irregular shaped, south dipping, discordant, layered mafic-ultramafic intrusion between lines 3+50W and 6+00W. This body is now known to extend from less than -75 m to greater than -200 m depth. Intercepts of upto 135m have been obtained. Lithologies identified within the lobes or septa which define the intrusion as intersected to date include (from hanging wall (south) to footwall (north)), k-spar-quartz bearing gabbro, gabbro, pyroxene phyric gabbro, pyroxenite and dunite. Contacts may be sharp, locally with reaction rims, or sheared/faulted. Chloritization is ubiquitous, while local serpentinization and steatization occurs also.

Although traced for over 250m along strike the body is discontinuous as a result of fault offsets and appears to bifurcate as a series of individual septa separated by lobes of host dacite; possibly indicating that intersections to date have encountered the periphery of a larger intrusion entending to depth.

The pyroxenite-dunite contains intercumulate sulphide mineralization in embayments. These sulphides appear to occur as distinct horizons and can comprise nearly 100% of the mode. Sulphides which have been identified either in hand specimens or by electron microprobes include; pyrrhotite, pyrite, chalcopyrite, pentlandite, tellurides including merenskyite, michenerite and hessite and the arsenide sperrylite. Economic grade assays in Cu, Ni, Au, Pt, Pd and Co have been obtained from the sulphide intersections obtained from NR-95-34 and NR-96-31.

7.5 *Black Hawk Stock*

Where encountered the Black Hawk Stock is generally an equigranular, coarse grained, unfoliated, pink-grey monzonite of the marginal phase of the stock. Rarely observed are outcrops of the interior zone, a grey, porphyritic granodiorite phase. Outcroping of the Black Hawk stock tend to be larger than the metavolcanic ones and display significant positive relief.

The contact between the Black Hawk Stock and the enveloping metavolcanic rocks is generally unexposed. Numerous narrow aplitic, and rare pegmatite dykes are observed to transect metavolcanic stratigraphy in proximity to the stock. These typically can be measured in decimetre

to metre thicknesses. In the extreme south-east of the project area, near Blackhawk, the contact with the country rock is observed to be sharp and unmineralized.

7.6 *Diabase*

One Proterozoic diabase dyke was observed in outcrop near the southwest corner of Lot 4, Concession I Richardson Twp. It is approximately 10 m thick, weathers to a medium brown colour, has a near vertical dip and strikes 230°. The strike extension of this diabase is inferred from intersections in drill holes on the north half of Lots 5 and 6, Con I and the south half of Lot 6, Con II. The diabase is well defined where it passes in close proximity to the mafic-ultramafic body on line 4+00W. Note that this dyke appears to have a sinestral offset of several tens of metres near line 2+00W.

7.7 *Structural Geology*

The rocks underlying the project area in Richardson Township are interpreted to be folded about the nose of a south plunging anticline which is thought to be paired with the Dearlock Syncline located approximately 3km to the west.

On the east limb of the anticline between lines 22+00E and 0+00 bedding measurements on the relatively abundant outcrop shows strike to be approximately 50° to 60° strike. The few measurements available between lines 0+00 and 8+00W show strike to be almost east-west. To the west of 8+00W no measurements are available but intersections obtained from overburden drilling and very rare pillow facing obtained from an outcrop in the west of the map area are consistent with strike to the northwest. Where measured, bedding varies from vertical to approximately 70°S, although near the nose of the anticline dips may be much shallower - between 50° and 60° south.

Regional foliation closely parallels the bedding and as one would expect deflected around the nose of the fold. Planar fabrics are well developed throughout the volcanic pile except in the coarser grained gabbroic basalt and felsic-intermediate dykes. Intense foliation/schistocity is developed on the large intermediate-felsic outcrop located on lines 19+00E and 20+00E. This sheared rock lies adjacent to the Black Hawk Stock and parallels the inferred contact of the intrusion. The fabric is also often folded and contorted and envelopes dismembered, boudinaged veins and dykes within the deformed intermediate volcanics.

Observations from diamond drilling show ubiquitous deformation of variable intensity. Since the foliation/schistocity obscures or completely masks the pre-existing texture structures can rarely be traced from section to section. Stripping and washing of outcrops between lines 6+00W and 10+00W has uncovered a number of narrow (cm scale), auriferous shears which strike 80°-115° and dip 50°-60° south. Further, more diffuse deformation in a wider (approximately dm scale) zone is noted from other trenches in the same area.

Faulting, based on lithological discontinuities and alteration observed in drill core are inferred in the south part of Richardson Township. Magnetic discontinuities may also imply faulting. Although more than one direction is assumed a north-south set may significantly modify the stratigraphy. One gold mineralized north-south fault is observed on the stripped outcops near line

7+00W and north-south faulting is inferred to offset lithologies near line 2+00W, 10+00W and 26+00W. In particular, several faults transect the mafic-ultramafic body between lines 5+00W and 6+50W. These structures display dextral and reverse sense of motion and result in truncation and juxtaposition of the intrusive body.

8.0 APRIL 1996 DIAMOND DRILLING

The report herein describes the results of diamond drill holes **NR-96-21, 22, 27, 28, 29, and 31,** drilled during April of 1996. During this time a total of 1,343.70 m of core was produced. The drill holes described here are several of a series of drill holes collared in Richardson Township since November of 1994. Two drilling contractors were engaged during the 1996 winter program. Ultra Mobile Diamond Drilling of Surrey, British Columbia, and Bradley Brothers Diamond Drilling of Rouyn-Noronda, Quebec. Bradley Bro. drilled all of the holes reported on here, producing NQ core. Drill hole data is tabulated in tables 4 to 7 (Appendix II), the drill logs and assays are located in appendix III and IV, drill cross sections and the drill plan are located in the pocket. A brief description of the drill targets and results follows.

The drilling conducted during the period covered by this report was collared to intersect widely separated target areas, in the south-central and south-east parts of Richardson Twp.

Drill Holes NR-96- 21, 22

These drill holes were collared to test the metavolcanic stratigraphy farther to the south than tested in any of the previous diamond drilling. This area is located up-ice from RC drill holes drilled during the winter of 1995 which returned significant gold in till anomalies. The diamond drill holes were collared on line 8+50W at 14+18S (hole 21) and 12+00S (hole 22). Situated immediately north of the Pinewood River the area is covered by deep overburden, no outcrop occurs in this area.

Diamond drill hole NR-96-21 failed to attain bedrock when an acquifer was broached in overburden making further advance of the drill hole impossible.

Lithologies encountered in drill hole NR-96-22 show stratigraphy to be relatively well bedded when compared to areas to the north and east, the intersection obtained from this hole is consistent with those obtained from drill holes NR-96-24 and 25. Although predominantly intermediate-felsic fragmentals occur, (predominantly quartz crystal tuff) interbedded mafic volcanics are not uncommon. Rare cherty lamellae with associated magnetite were intersected in NR-96-22 as well as bedded argillites and graphitic-shale horizons with pyrite. Grading in dacite fragmentals gives a younging direction to the south. Dips from core angles are interpreted to be to the south also.

Sulphide mineralization is ubiquitous in the succession as fine disseminated grains and fracture/vein filling aggregates; concentrations however are generally low, ranging from trace to 1%. Locally higher sulphide concentrations were encountered. Of particular note is an interval of

dacite fragmental between approximately 150m and 210m in NR-96-22 with elevated sulphide content. Here sphalerite is commonly noted as small disseminated aggregates and bands, and fracture controlled seams. Within this interval Zn analyses return values between 130ppm and >1% with most values falling between 500 ppm and 4000 ppm. Au analyses obtained from this same interval are anomalous when compared with average Archean terrain but they are not particularly anomalous when compared to results obtained from drilling conducted in the dacite fragmentals north of 8+00S on the Richardson grid; values range from <5 ppb to 719 ppb.

Elsewhere in the succession individual analyses pertaining to elevated sulphide content over limited widths returned anomalous values in Au and Zn. However the reader is referred to the drill log for these isolated examples.

Drill Hole NR-96-27

Drill hole NR-96-27 was collared at 6+00W, 8+75S to test the nature of the contact between the dacite fragmentals and the overlying mafic metavolcanics, particularly with respect to the potential for additional mafic-ultramafic mineralization at or near the contact.

The drill hole was collared in fine grained mafic rock, probably basalts but possible intrusive given the local abundance of blue quartz. Sulphide content is generally low - less than or equal to 3%.

At a sharp contact at 83.7m the drill hole passed in to intermediate metavolcanics. They are predominantly of mixed dacite fragmentals, composed of ash and crystal tuffs with local lithic clasts/pyroclasts to often displaying bedding. Rare, wispy, siliceous horizons (cherty?) also occur. Sulphide content is low, generally 1-3%, pyrite is most abundant although rare sphalerite was also encountered.

Low anomalous values in Au and Zn were obtained from sampling of this drill hole, consistent with its' location on the property. The reader is referred to the drill log for specific results

Drill Holes NR-96-28,29,31

A three hole fan comprising drill holes NR-96-28, 29, and 30 each separated by five degrees of inclination, was collared at 4+75W, 7+25S. The purpose of these holes was to further test for the strike extension of the mafic-ultramafic body hosting the 34 Zone of Ni-sulphide mineralization.

The holes first intersected dacite crystal tuff which envelopes the mafic-ultramafic body. Although generally homogeneous, with abundant quartz crystals and displaying little evidence of bedding, narrow interbedded intervals of finer ash tuff, chert and mafic tuffs were also intersected, particularly near the hole collars.

Some component/phase of the mafic-ultramafic body was intersected in each drill hole. NR-96-28 intersected, between 209.7m and 213.23m, a mixed interval of dacite fragmental intruded by cm to m scale lobes/septa of the ultramafic body. This "upper zone" passes into a pyroxenite horizon from 213.33m to 218.33. Here the body grades from a fine grained upper contact to a medium grained, chlorite (+/- serpentine?) altered rock with cumulate texture containing approximately 1% pyrite as intercumulate grains. Ni analyses return values of 100 ppm to 300 ppm.

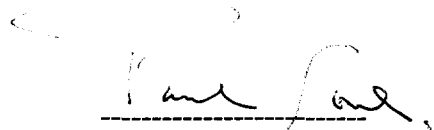
Drill hole NR-96-31 intersected the composite zone between 200.6m and 206.0m, composed of dacite fragmental and discordant to subconcordant mafic-ultramafic intrusions, limited sulphide mineralization occurs. Sampling provided no anomalous valus. NR-96-29 encountered the mixed dacite fragmental and mafic-ultramafic intrusions between 207.7m and 210.5m. This is underlain by an interval of chlorite altered, cumulate textured, pyroxenite, intersected from 210.5m to 220.23m. Sulphide content progressively increases from hanging wall to footwall, attaining >20% as net textured grains at the footwall where the sulphide is strongly anomalous with respect to Au, Cu, Ag, Co, Ni, Pt, and Pd. Between 220.23m and 227.53m the interval is composed of net textured sub-massive to massive sulphide (i.e. 30%-100% sulphide) in a pyroxenite-dunite cumulate host. Two distinct horizons of graded sulphide accumulation (i.e. grading from net textured to massive) can be recognized. The layered sulphides terminate abruptly at the footwall contact with the enveloping dacite.

Narrow (mm scale) fractures containing remobilized chalcopyrite extend for centimetres into the footwall volcanics. Analyses of the layered net textured to massive sulphide mineralization returned economic grades in Au, Cu, Ag, Co, Ni, Pt, and Pd.

9.0 CONCLUSIONS

The diamond drilling that is the subject of this report comprises a small portion of an extensive and ongoing exploration program in Richardson Township and the Rainy River region as a whole which started in 1993. As such, any conclusions drawn from such a small component of the program may very well be out of context with respect to the results obtained from the other components. The principal reason for reporting this work is as assessment.

Respectfully submitted,



Paul Jones, BSc.
Project Geologist
August 23, 1996

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Jones, P. 1996, **(March 1996, Diamond Drilling)** Rainy River District, Kenora Mining Division N.T.S. 52 C/13 and 52D/16

Jones, P. 1996, **(March/April 1996, Diamond Drilling),** Rainy River District ,Kenora Mining Division N.T.S. 52 C/13 and 52D/16

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CERTIFICATE OF QUALIFICATIONS

PAUL JONES

I, Paul Latimer Jones resident at 27 Briarmoor Crescent, Ottawa, Ontario, Canada, K1T 3G7, do hereby certify that:

1: I am a Consulting Geologist, since 1986.

2: I am graduate of Carleton University, Ottawa, 1982, with a B.Sc. (Hons.) in Geology.

3: I have been engaged in the study and practice of my profession since 1978.

4: I am a registered Fellow of the Geological Association of Canada.

5: This report is based upon onsite supervision of the Nuinsco Resources Limited exploration program in the Richardson Township area.

Dated at Emo, this 23th day of August, 1996.

Paul L. Jones, B.Sc., FGAC.

APPENDIX I

SUMMARY TABLE

EXPLORATION EXPENDITURES
STATEMENT OF COSTS

Table 3

EXPLORATION EXPENDITURES

Personnel

All costs for personnel have been previously billed during submission of costs for holes 96-23, 24, 25, 26, 30, 32.

Diamond Drilling

Bradley Bros.	NR 96 - 21, 22	$22,380.75	
	NR 96 - 27	$17,807.50	
	NR 96- 28	$15,194.50	
	NR 96- 29	$16,477.00	
	NR 96- 31	$15,670.00	
Assaying charges;	392 samples @ $23/sample		9,016
Consultant (F. Puskas); polishing core, mineralogy etc.			3,105.96
		Total	**$99,651.71**

Geophysics

Down-hole geophysics	8,325.00

Support Costs

All support costs were previously factored into a report of submission for drill holes 96-23, 24, 25, 26, 31, 32.

Total Exploration Costs: *(Footage drilled 1,343.70 meters)*	**$107,976.71**
Cost/meter (March/April, 1996)	**$80.36**

APPENDIX II

SUMMARY TABLES
DRILL LOCATION INFORMATION

TABLE 4 Drill Hole Locations

Drill Hole No.	Grid Latitude	Departure	Depth	Work Dates	Location
NR-96-21	8+00 W	14+18 N (50°)	0.00	03/27 - 03/28	Lot 5 S1/2, Con. 1
NR-96-22	8+00 W	12+00 S-(50°)	300.00	03/28 - 03/31	Lot 5 S1/2, Con. 1
NR-96-27	6+00 W	8+75 S (75°)	285.20	03/30 - 04/3	Lot 5 S1/2, Con. 1
NR-96-28	4+75 W	7+25 N (60°)	243.20	04/9 - 04/12	Lot 5 N1/2, Con. 1
NR-96-29	4+75 W	7+25 N (55°)	263.60	04/16 - 04/18	Lot 5 N1/2, Con. 1
NR-96-31	4+75 W	7+25 N (65°)	251.70	04/14 - 04/16	Lot 5, N1/2, Con. 1
			1,343.70 meters		

TABLE 5 Meters Drilled, Richardson Township

Concession	Lot	Drill Holes	Meters
1	Lot 5, S1/2	21, 22, 27	585.20
1	Lot 5, N1/2	28, 29, 31	758.50
			1,343.70

TABLE 6 Ownership

Concession	Lot	Parcel No.	Acres	Owner	Date of Option
Con. 1	Lot 5, N1/2	5939	59.64	[1]	3/29/94
Con. 1	Lot 5, S1/2	5614	63.94		
			123.58		

1. Jackson, B: Route 1, Box 656, Wyoming, Ill. USA 61491

TABLE 7 Work Applied, Richardson Township

Concession	Lot	$ Assessment Value
1	Lot 5, N1/2	$ 47,025
1	Lot 5, S1/2	$ 60,951
		$107,976

MAP POCKET

EXPLORATION DATA

DOWN-HOLE CROSS SECTIONS
DIAMOND DRILL PLAN MAP

APPENDIX III

EXPLORATION DATA

DIAMOND DRILL HOLE LOGS

Nuinsco Resources Limited

DIAMOND DRILL LOG

PROPERTY: Richardson
HOLE No.: NR9621
Collar Eastings: -800.00
Collar Northings: -1418.00
Collar Elevation: 0.00
Grid: Rich

Collar Inclination: -50.00
Grid Bearing: 0.00
Final Depth: 30.00 metres
Abandoned in overburden.

Logged by:
Date: 27/03/96-28/03/96
Down-hole Survey: Acid Test

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
30.00	-50.00	

Nuinsco Resources Limited

DIAMOND DRILL LOG

PROPERTY: Richardson
HOLE No.: NR9622
Collar Eastings: -800.00
Collar Northings: -1200.00
Collar Elevation: 0.00
Grid: Rich

Collar Inclination: -50.00
Grid Bearing: 360.00
Final Depth: 300.20 metres

Logged by: C.A. WAGG
Date: 28/03/96-31/03/96
Down-hole Survey: Sperry Sun

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS									
			FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
0	21.9	OVERBURDEN (OB) - casing.												
21.9	39.30	QID (QID, fg) - fine to med. grained. Pale grey to grey-green, mod.-strongly banded due to cm scale bleaching, spotted to streaked with bright to dark green and lesser pinkish-brown, strongly deformed and altered? lithic fragments. <1% fragments, reasonably evenly distributed. 3-5% small to rare lg., >5mm, qtz eyes. 10-15% fine mafic silicates within groundmass. Fragments .5 x 1-3cm to rarely over 2-4cm in thickness. Most are flattened 4:1 to >10:1. . ALTERATION: Moderate-strong bleaching. Weak-moderate pervasive calcite alteration. 1-3% fine disseminated Py. . STRUCTURE: Foliation 65-70 to CA above 27m. Foliation 60-65 to CA from 27-29m, 65-75 from 29-34.5. Foliation 60-65 to CA from 34.5-39.3. . COMMENTS: Dark green fragments appear to be mafic volcanic. Bright olive to apple green fragments are epidote rich with some Chl, + fuchsite? Resemble mudstones in appearance and texture. Pale brownish fragments contain	38.75	39.15	0.40	NIL	17.000	63.000	0.200	7.000	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		sericite and Fe-Mg? carbonate. Fine grained and silicious in appearance.												
39.3	46.48	PORPHYRITIC FELSIC INTRUSIVE (Porphyritic Felsic Intrusive) - syenite, medium to coarse grained. Medium greyish pink. 10-15% dark green acicular amphibole up to 1 x 5mm. 40-70% subhedral zoned Fsp rarely up to 7mm, generally 2-4mm. Na+Ca?-rich cores K-rich margins. Groundmass predominantly potassic Fsp, trace qtz? . ALTERATION: 1% fine disseminated Py. Weak pervasive calcite alteration throughout unit. . STRUCTURE: Very weakly foliated at approximately 65 to CA. Both contacts weakly chilled, and foliation parallel at 60 to CA. . 43.2 to 44.65: Fine grained non-poryphyritic interval. Neither Fsp or amphibole grains exceed 1 to 1.5mm. Appears to be of identical composition to enclosing rocks. . STRUCTURE: Very faint contacts at 43.2, 43.55, 44.65, all apparently subparallel to crosscutting foliation. Foliation 65 to CA. Internal contacts appear to indicate several distinct pulses of intrusive material.												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
46.48	55.80	QID (QID) - with coarse and mixed fragments. Similar to interval from 21.9-39.3 but with 10-15% largely mafic metavolcanic lithic fragments. Below about 48.75, unit predominantly fragmental with subequal dacitic and mafic lapilli, and only 20-25% fine black matrix. . ALTERATION: 1-3% fine disseminated Py, up to 3-4% over 30cm intervals. Tr-1% Sph over 10cm at 49.9 at top of short interval with 10-15% foliation parallel 1-2cm wide qtz veinlets. . STRUCTURE: Foliation 50-55 to CA at contact down to 59m. . 49.85 to 50.0: Contorted crosscutting 1-2cm wide qtz stringer with diffuse, fuzzy contacts. . ALTERATION: Tr-1% Cp . STRUCTURE: Vein 30-35 to CA. . 52.25 to 52.6: 2-3cm wide qtz vein with irregular contacts. . ALTERATION: 1-2% Py tr Po, Cp, Asp? . STRUCTURE: Vein 20-25 to CA.	48.44	48.87	0.43	10	30.000	136.000	0.200	NIL	NIL	NIL	NIL	NIL
			48.87	49.67	0.80	45	119.000	920.000	0.600	NIL	NIL	NIL	NIL	NIL
			49.67	50.00	0.33	NIL	50.000	87.000	0.300	NIL	NIL	NIL	NIL	NIL
			52.30	52.72	0.42	NIL	108.000	66.000	0.700	NIL	NIL	NIL	NIL	NIL
55.8	79.37	QID (QID, fg-mg) - medium grey. 1-2% <2mm qtz eyes, 5-15%	68.23	68.50	0.27	NIL	3.000	1300.000	NIL	NIL	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		fine mafic silicates, mostly as tiny chlorite spots on foliation planes. . ALTERATION: 1-2% fine disseminated Py, tr Po in places. Weak pervasive calcite alteration. Trace Sph with mm wide foliation parallel qtz stringers over 10cm at 68.35. . STRUCTURE: Foliation 60-65 to CA from 59-68m. . 68.5 to 69.3: Moderately bleached and sericitized interval with 20-25% calcite and qtz stringers. . ALTERATION: 1-2% fine Py, tr Po. . STRUCTURE: Foliation 50-55 to CA on average variable from 45-65 to CA over .5m intervals. . 77.25: 5-6cm wide foliation parallel qtz veinlet. . ALTERATION: Trace Py.	68.50	69.30	0.80	NIL	8.000	109.000	NIL	NIL	NIL	NIL	NIL	NIL
79.37	97.73	MIXED "COARSE" FRAGMENTAL (Mixed "Crs." Frag.) - similar to interval from 46.48-55.8. Medium grey-green <10% fine groundmass with rare 10-20cm intervals of int.-felsic qtz eye crystal tuff. Subequal dacitic and grey-green, intermediate? volcanics, <10% dark green mafic metavolcanic fragments. Most fragments .5 to 2cm thick by 3 to >5cm.	97.32	97.72	0.40	NIL	58.000	111.000	0.200	NIL	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		Dacitic variety is the least flattened. . ALTERATION: Moderate Chl alteration of volcanic fragments with epidote apparently restricted to intermediate fragments. Moderate-strong bleaching+pervasive calcite alteration. 1-3% fine disseminated Py tr Po with rare clusters to 2cm diameter of intergrown Po+Py. . STRUCTURE: Foliation 65 to CA. Foliation 65-70 to CA from 88-93m, 65 to CA from 93-105m.												
97.73	100.05	DACITIC FRAGMENTAL (Dacitic Fragmental) - relatively sharp transition to rock with 80% dacitic fragments similar in size to those within preceding interval. . ALTERATION: Approximately 10% very fine banded to disseminated Py above 98.25, 3-5% mostly as <1mm wide foliation parallel seams from 98.25-100.05. Alteration same as previous interval. . STRUCTURE: Foliation, both contacts 60 to CA.	97.72	98.25	0.53	20	70.000	75.000	0.300	5.000	NIL	NIL	NIL	NIL
100.05	108.70	MIXED "COARSE" FRAGMENTAL (Mixed "Crs." Fragmental) - similar to interval from 79.37-97.73. Mod.-strong bleaching and calcite alteration of dacitic and mafic-int. volcanic lithic fragments. .												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		ALTERATION: 2-3% disseminated Py, tr Po, with a single small sulphide lens at 101.9,and a mm wide foliation parallel band of Sp at 103.95. . STRUCTURE: Foliation 65 to CA.												
108.7	114.8	FINE DACITE CRYSTAL TUFF (Fine Dacite Crystal Tuff) - fine grained. light grey. Identical to qtz eye dacite crystal tuff, but with only tr qtz eyes. 5% fine chlorite. Weakly banded/very thinly bedded. . ALTERATION: 2-3% very fine Py, weak pervasive calcite alteration. . STRUCTURE: Sharp foliation parallel contacts. Foliation 55-60 to CA.												
114.8	117.25	MIXED "COARSE" FRAGMENTAL (Mixed "Crs." Frag.) - similar to 100.05-108.7, but with a higher proportion of dacitic fragments and intermediate rather than mafic-int. fragments. Includes "intermediate" qtz eye crystal tuff with 25-35% fine mafic silicates and 2-3% fine <1mm qtz eyes from 116.05-116.7. . ALTERATION: 3-4% disseminated to rarely banded Py. 1-2% bright orange-red mineral with Py and along fractures	114.80	115.42	0.62	5	67.000	86.000	0.200	NIL	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		over 20cm at 117.1. Similar to hematite, but adjacent mineralization unoxidized. Possibly a Hg mineral. . STRUCTURE: Foliation 55-60 to CA.												
117.25	118.65	FINE DACITE CRYSTAL TUFF (Fine Dacite Crys. Tuff) - similar to interval from 108.7-114.8. . ALTERATION: Strongly bleached. Weak pervasive calcite, sericite alteration. 3-4% disseminated to banded Py. . STRUCTURE: Foliation 60 to CA.	117.02	117.30	0.28	10	98.000	315.000	0.600	5.000	NIL	NIL	NIL	NIL
118.65	120.0	PYRITIC ARGILLITE/GRAPHITIC SHALE (Pyritic Argillite/Graphitic Shale) - fine grained. Black to dark grey, interbedded with occasional <5cm thick fine crystal to ash tuff beds. Core recovery from 119.5-121.5 10-15%. . ALTERATION: 5-7% Py on average. Banded; nearly massive "beds"to 1.5cm thick. Within ground interval, possibly to 20%Py over 20-30cm. . STRUCTURE: Foliation 60 to CA for top .5m, 20 to CA at 119.6.												

FROM	TO	LITHOLOGICAL DESCRIPTION
120.0	128.2	DACITIC CRYSTAL TUFF (Dacitic Crystal Tuff, fg-mg) - similar to interval from 108.7-114.8+117.25-118.65. Includes 20-50?cm interval of pyritic argillite, ground, ending at 121.5. . ALTERATION: Trace Sp, Gnt with mm wide qtz stringers at 123.9. . STRUCTURE: Foliation 60 to CA at 125.5, 60-70 to CA from 125-128m.
128.2	130.55	QID (QID, mg) - similar to previous intervals of dacite crystal tuff, but with 5-10% sm.-med. qtz eyes. . ALTERATION: 3-5% very fine disseminated Py. Trace Sph at 128.45. . STRUCTURE: Foliation 65-70 to CA.
130.55	131.7	SHEARED VEINED DACITE FRAGMENTAL (Sheared Veined Dacite Fragmental) - appears to consist primarily of bleached, strongly calcite altered dacitic fragments. 20% contorted foliation parallel qtz veins to 10cm wide. .

			ASSAYS								
FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
119.30	121.50	2.20	10	79.000	84.000	1.000	8.000	NIL	NIL	NIL	NIL
121.50	122.27	0.77	NIL	49.000	1150.000	0.200	6.000	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		ALTERATION: 2-3% fine disseminated Py strong calcite alteration. Silica flooding along "tension gashes" in flattened fragments. . STRUCTURE: Top contact 45-50 to CA. Foliation /shearing variable 50-60 to CA.												
131.7	134.97	PORPHYRITIC FELSIC INTRUSIVE (Porphyritic Felsic Intrusive) - monzonite quite similar to interval from 39.3-46.48, but generally lacking k-spar alteration. Grey spotted with grey-white Fsp phenocrysts. . ALTERATION: 1-2% fine disseminated Py. Moderate sausseritization of Na-Ca phenocrysts. Groundmass Fsp sodic to slightly potassic. . STRUCTURE: Top contact highly irregular. Very weakly foliated at approximately 60 to CA. Lower contact foliation parallel.												
134.97	138.57	MIXED FINE SHEARED? FRAGMENTAL (Mixed Fine Sheared? Fragmental) - reasonably similar to previous interval, but with smaller +/or more strongly flattened fragments. Non-fragmental qtz eye dacite tuff from approximately 135.54-137.3. .												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS											
			FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		ALTERATION: Strong shearing and calcite alteration within fragmental sections. 3-4% fine Py. . COMMENTS: Mafic-int. vs. dacitic fragments approximately 1:1. . 137.3 to 138.1: Fine mafic-int. crystal tuff, possibly fragmental. . ALTERATION: Mod.-strong pervasive k-spar or hematite alteration over top 50-60cm. . STRUCTURE: Foliation 60-65 to CA.												
138.57	141.6	PORPHYRITIC FELSIC INTRUSIVE (Porphyritic Felsic Intrusive) - monzonite identical to interval from 131.7-134.97. . ALTERATION: 1-2% fine disseminated Py. Mod.-strong pervasive calcite alteration. . STRUCTURE: Top contact foliation parallel, lower contact subconcordant to crosscutting averages 50 to CA.												
141.6	160.9	MIXED FRAGMENTAL (Mixed Fragmental) - fine to coarse, strongly flattened/sheared. Reasonably similar to interval from 114.8-117.25. Includes fine intermediate	150.20	150.80	0.60	10	52.000	510.000	0.300	NIL	NIL	NIL	NIL	NIL
			150.80	151.20	0.40	30	48.000	225.000	0.200	NIL	NIL	NIL	NIL	NIL
			151.20	151.54	0.34	35	156.000	7400.000	1.200	NIL	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION
		crystal tuff, no fragments, from 143.65-144.67. Trace-1% qtz eyes, approximately 20% fine mafic silicates. Includes several <.5m intervals with <20% identifiable fragments, primarily dacitic. Groundmass dacitic with 1-3% qtz eyes.
		.
		ALTERATION: 10% qtz-calcite stringers. Moderate Chl alteration of matrix and metavolcanic fragments. 2-3% disseminated Py, tr Sp, Po rare.
		5% very fine Py. 1-2% <2mm garnet within a very mafic-rich, 30-40% Chl-interval from 150.35-150.9 and 151.55-151.8.
		2-3% Sph, with calcite stringer over 10cm at 151.35.
		.
		STRUCTURE: Foliation 75 to CA at 147m. 65-70 to CA from 147.25-166m.
		.
		155 to 160.9: Biotite, lesser amphibole and disseminated to fracture controlled Sph mineralization present.
		.
		ALTERATION: 3-5% disseminated Py above 157m, tr Sp in places.
		.
		Above 157: 30-50% fragments. Fragments generally small 1 x 2cm and smaller, primarily dacitic. Mafic silicates restricted to groundmass -possibly due to sheared very small metavolcanic fragments.
		.
		STRUCTURE: Foliation 65-70 to CA.
		.

ASSAYS

FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
151.54	152.30	0.76	NIL	21.000	255.000	0.500	NIL	NIL	NIL	NIL	NIL
152.30	152.98	0.68	NIL	33.000	300.000	0.200	NIL	NIL	NIL	NIL	NIL
156.98	157.29	0.31	65	50.000	4300.000	1.700	NIL	NIL	NIL	NIL	NIL
157.29	157.71	0.42	55	77.000	8000.000	2.200	NIL	NIL	NIL	NIL	NIL
157.71	158.70	0.99	10	34.000	660.000	0.800	NIL	NIL	NIL	NIL	NIL
158.70	159.20	0.50	NIL	33.000	128.000	0.500	NIL	NIL	NIL	NIL	NIL
159.20	160.00	0.80	15	128.000	710.000	1.500	NIL	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS										
			FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		157 t 160.9: 50-75% small to large, 2-3cm thick fragments <1/4 metavolcanic.												
		.												
		ALTERATION: 5-7% fine to coarse disseminated Py, somewhat banded. Tr-1% identifiable Sp, 3-4% on average fine brownish material, usually associated with Py, biotite? or very, very fine Sp.												
		.												
		STRUCTURE: Contact foliation parallel 68-70 to CA.												
160.9	208.97	QID (QID, mg) - similar to interval from 128.2-130.55. Non-banded, with occasional 10-20cm moderately bleached intervals below 166m. Single 1-2 x 5cm metavolcanic fragment noted at 166m, isolated dacitic fragments also likely present. 10cm wide foliation parallel qtz vein at 166.35, largely barren. Sp slightly enriched at and just above upper contact.	160.00	160.93	0.93	205	110.000	1800.000	17.400	NIL	NIL	NIL	NIL	NIL
			163.51	164.15	0.64	220	47.000	2500.000	9.200	NIL	NIL	NIL	NIL	NIL
			165.36	166.10	0.74	95	45.000	2100.000	4.400	NIL	NIL	NIL	NIL	NIL
			166.10	166.87	0.77	300	76.000	3000.000	8.000	NIL	NIL	NIL	NIL	NIL
			166.87	167.31	0.44	35	52.000	3700.000	0.900	NIL	NIL	NIL	NIL	NIL
			167.31	168.43	1.12	40	26.000	2600.000	0.700	NIL	NIL	NIL	NIL	NIL
		.	168.43	168.91	0.48	140	32.000	1300.000	1.400	NIL	NIL	NIL	NIL	NIL
		ALTERATION: Weak pervasive calcite alteration, absent from bleached intervals. Tr garnet noted at 163.1. Trace-1% Sph, disseminated to fracture controlled, foliation parallel seams from 163.5-164.1 with 2-3% Py. 1-2% garnet present from 166-170.1 with 4-5% Py on average. Sp primarily along foliation parallel to subconcordant fractures. Py, disseminated.	168.91	169.47	0.56	125	101.000	10000.000	4.200	NIL	NIL	NIL	NIL	NIL
			169.47	170.07	0.60	50	45.000	4750.000	2.200	NIL	NIL	NIL	NIL	NIL
			172.63	173.10	0.47	60	99.000	6500.000	2.900	NIL	NIL	NIL	NIL	NIL
			174.64	174.91	0.27	710	335.000	21700.000	33.000	NIL	NIL	NIL	NIL	NIL
			174.91	175.20	0.29	45	45.000	3200.000	3.200	NIL	NIL	NIL	NIL	NIL
			176.50	177.06	0.56	80	108.000	6500.000	4.500	NIL	NIL	NIL	NIL	NIL
		.	177.06	177.73	0.67	65	64.000	2550.000	3.500	NIL	NIL	NIL	NIL	NIL
		172.9: Crosscutting 20cm wide qtz vein.	177.73	178.30	0.57	120	49.000	520.000	2.100	NIL	NIL	NIL	NIL	NIL
		.	178.30	178.81	0.51	125	50.000	3150.000	4.300	NIL	NIL	NIL	NIL	NIL
		ALTERATION: Tr- 1% very fine tourmaline, tr calcite. Sp present	178.81	179.17	0.36	45	85.000	1950.000	1.200	NIL	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION
		along foliation parallel fractures for 10-15cm at 172.7, 7-8% Py, 2-3% Sp.
		.
		STRUCTURE: Contacts 75-85 to CA, foliation 65. Foliation at 60 to CA.
		.
		174.7 to 175: Strongly bleached over 20-30cm.
		.
		176.75: Qtz-calcite-chlorite "vein" over 10cm.
		.
		ALTERATION: 4-5% Py, most from wallrock immediately above vein.
		.
		STRUCTURE: Foliation parallel zone, foliation 65-70 to CA.
		.
		177.25 to 181.5: Weakly mineralized interval with 1-3mm wide, foliation parallel, Sp rich bands, occasionally disseminated within higher grade intervals. eg. 181.0-181.4, includes 25cm wide subconcordant qtz vein at 179m.
		.
		ALTERATION: 2-3% fine disseminated Py, <1% Sp, primarily as fracture controlled seams. Minor Chl, calcite, tr muscovite at lower contact. Trace Sp in places above 185.5.
		.
		186.5 to 188.3: Fine grained <1% qtz eyes. Fine crystal tuff banded/bedded with bleaching and sericite over 1-10mm intervals spaced .5-2cm apart.
		.

ASSAYS

FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
179.75	180.05	0.30	130	79.000	3200.000	4.000	NIL	NIL	NIL	NIL	NIL
180.95	181.43	0.48	85	117.000	4400.000	2.300	2.000	NIL	NIL	NIL	NIL
182.32	183.80	1.48	25	27.000	660.000	1.100	7.000	NIL	NIL	NIL	NIL
183.80	184.86	1.06	50	20.000	310.000	0.600	7.000	NIL	NIL	NIL	NIL
184.86	185.56	0.70	70	30.000	1550.000	1.300	3.000	NIL	NIL	NIL	NIL
191.88	192.38	0.50	125	29.000	2300.000	2.200	NIL	NIL	NIL	NIL	NIL
196.65	198.03	1.38	NIL	27.000	540.000	0.400	NIL	NIL	NIL	NIL	NIL
198.03	198.89	0.86	30	10.000	210.000	0.800	NIL	NIL	NIL	NIL	NIL
198.89	199.60	0.71	25	11.000	184.000	0.700	NIL	NIL	NIL	NIL	NIL
199.60	200.12	0.52	15	11.000	440.000	0.800	NIL	NIL	NIL	NIL	NIL
200.12	200.75	0.63	40	8.000	130.000	0.700	NIL	NIL	NIL	NIL	NIL
205.70	206.20	0.50	340	78.000	2900.000	3.100	NIL	NIL	NIL	NIL	NIL
207.00	207.76	0.76	195	62.000	425.000	1.900	16.000	NIL	NIL	NIL	NIL
207.76	208.27	0.51	320	50.000	1300.000	2.800	NIL	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		ALTERATION: 3-4% disseminated Py above 186.5, 1% very fine disseminated Py above 186.5.												
		.												
		STRUCTURE: Contact foliation parallel 65 to CA.												
		.												
		188.3 to "206.27": Medium grained qtz eye dacite tuff. 5-10% sm.-lg. qtz eyes.												
		.												
		ALTERATION: 2-3% fine disseminated Py above 197m.												
		.												
		STRUCTURE: Contact and foliation 65 to CA.												
		.												
		COMMENTS: Lower contact offset along minor fault.												
		.												
		197.5 to 201.25: Occasional <1% streaks and patches to 2cm, of dark grey remobilized qtz with minor Chl.												
		.												
		ALTERATION: Trace Sph, fracture controlled, over 40cm at 192.2m. Trace Sph, 3-4% disseminated Py from 197-200m. Sp disseminated, rarely as <1mm wide seams along foliation parallel fractures.												
		.												
		STRUCTURE: Foliation 65 to CA above 199m.												
		.												
		COMMENTS: Remobilized qtz-Chl-streaks often accompanied by Gnt. in holes elsewhere on the property. Garnets seen uphole not within or associated with remobilized material.												
		.												

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		202.1: 10-15cm of possibly fragmental dacitic material, presumably at a flow contact.												
		.												
		ALTERATION: 2-3% disseminated Py below 200m.												
		.												
		STRUCTURE: Foliation 65-70 to CA from 199, 70 to CA at 201m.												
		.												
		205.7 to 206.1: Fracture essentially parallel to CA. Crosses contact at 206.27, offset 15cm. Movement appears to be parallel to CA.												
		.												
		COMMENTS: WRA 96-23-203 regular qtz eye dacite.												
		.												
		206.27 to 207.12: Seperate unit? Fine dacite crystal tuff, tr qtz eyes. Similar to interval from 186.5-188.3, but much less banded.												
		.												
		ALTERATION: Tr-1% fine disseminated Py. Calcite present along fractures, but no pervasive alteration.												
		.												
		STRUCTURE: Foliation, contacts 65 to CA.												
208.97	218.60	INTERMEDIATE TO FELSIC CRYSTAL TUFF												
		(Int. To Felsic Crys. Tuff) -												
		fine-med. grained, dark grey. 2-3% small qtz eyes. Weakly banded. Bleached over .5-1cm every 2-3cm, possibly												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		"contacts" between individual beds. Darkest colouration from 214-217.3.												
		.												
		ALTERATION: 2-3% fine disseminated Py. Fine biotite and amphibole as <1mm clusters.												
		.												
		COMMENTS: WR 96-23-211, moderate bleaching along bed margins. WR 96-23-214, dark int.-felsic crystal tuff. WR 96-23-218, light int.-felsic crystal tuff, initially more felsic? Weak calcite alteration.												
218.60	223.98	FINE DACITIC CRYSTAL TUFF INTERBEDDED WITH AND	218.38	219.18	0.80	50	19.000	210.000	0.600	8.000	NIL	NIL	NIL	NIL
		GRADING INTO WELL MINERALIZED FINE-MED. MIXED	219.18	219.56	0.38	395	56.000	1150.000	1.800	8.000	NIL	NIL	NIL	NIL
		FRAGMENTALS (QID, fg-mg) - 218.6-219.28, fine dacite crystal	219.56	219.80	0.24	1700	300.000	13900.000	6.000	9.000	NIL	NIL	NIL	NIL
		tuff, 1% small-med. qtz eyes resembling, 206.27-207.12.	219.80	220.14	0.34	55	20.000	190.000	0.400	10.000	NIL	NIL	NIL	NIL
		.	220.14	220.48	0.34	1730	270.000	3600.000	5.800	15.000	NIL	NIL	NIL	NIL
		ALTERATION: Weak-mod. sericite alteration, tr-1% very fine Py.	220.48	220.74	0.26	1880	120.000	7000.000	5.000	3.000	NIL	NIL	NIL	NIL
		.	220.74	221.23	0.49	300	33.000	240.000	2.000	5.000	NIL	NIL	NIL	NIL
		STRUCTURE: Foliation 70 to CA.	221.23	221.94	0.71	240	46.000	220.000	1.600	4.000	NIL	NIL	NIL	NIL
		.	221.94	222.71	0.77	90	43.000	186.000	0.800	5.000	NIL	NIL	NIL	NIL
		219.28 to 219.93: Fine dacite fragmental. 5-10% matrix, 2-3% small	222.71	223.19	0.48	395	42.000	210.000	3.200	NIL	NIL	NIL	NIL	NIL
		qtz eyes mostly within .5-1cm thick strongly flattened lithic	223.19	223.51	0.32	1750	1350.000	25000.000	52.000	16.000	NIL	NIL	NIL	NIL
		fragments.												
		.												
		ALTERATION: 3-5% Py, tr-1% Sp banded disseminated, to fracture controlled. Plus several 1-6mm wide foliation parallel to subconcordant Sp rich fractures over 10-15cm at 219.65.												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		.												
		STRUCTURE: Foliation 70-75 to CA.												
		.												
		219.93 to 220.28: Fine dacite crystal tuff.												
		.												
		ALTERATION: Similar to interval from 218.6-219.28.												
		.												
		STRUCTURE: Foliation 70 to CA.												
		.												
		220.28: Mineralized, bleached, somewhat brecciated dacite fragmental.												
		.												
		ALTERATION: 5% Py, 1% Sp disseminated banded to fracture controlled bands. Remobilized within sheared groundmass.												
		.												
		STRUCTURE: Foliation 70 to CA.												
		.												
		220.28 to 223.12: Abrupt transition to Py-rich, fine int-felsic fragmentals. Dark grey, fine grained. Very well foliated to sheared. Spotted to streaked with brown fine grained biotite -rich lenses, possibly altered mafic-int fragments. Recognizable small-<1cm diameter-variably flattened dacite fragments at 222m.												
		.												
		ALTERATION: 10-15% fine-med. grained Py as bands and streaks of disseminated material. 10% biotite.												
		.												
		STRUCTURE: Foliation 65-70 to CA.												
		.												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		223.12 to 223.94: Mineralized med. grained dacite fragmental. . ALTERATION: Strongly bleached, with 15% Py, 4-5% Sp above 223.56. Unit coarsest, fractured, and Sp abundant most over 25cm at 223.37. . STRUCTURE: Foliation 65 to CA below 223m. . Below 223.56: Fragmental origin uncertain. Possibly a coarse crystal tuff. . ALTERATION: 10-15% bands of disseminated Py, tr Cp at 223.9. . STRUCTURE: Foliation 65 to CA.												
223.98	224.70	FINE MIXED FRAGMENTAL (Fine Mixed Fragmental) - similar to previous mixed fragmentals, but finer clasts. . ALTERATION: 10-12% Py overall, a few percent Mt near top of interval.	223.51 224.18	224.18 224.69	0.67 0.51	750 345	280.000 17.000	290.000 140.000	4.000 2.200	12.000 2.000	NIL NIL	NIL NIL	NIL NIL	NIL NIL
224.7	238.72	INTERBEDDED MAFIC CRYSTAL TUFF AND DACITIC QTZ EYE CRYSTAL FRAGMENTAL (Interbedded Maf. Crys. Tuff And Dac. Qtz Eye Crys. Frag.) - Both with sheared to brecciated +/or fragmental intervals	229.40	230.23	0.83	75	24.000	134.000	1.000	NIL	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		above 230.35. . STRUCTURE: Foliation, shearing 70 to CA, contacts typically 60-65 to CA. . 224.7 to 228.35: Mafic crystal tuff to fragmental, strongly magnetic with a few med. grained sections 15-20cm long, and a 20cm thick bed of bleached dacite containing 10-12% qtz eyes, at 227.5. . ALTERATION: Up to 8-10% med. grained disseminated Mt. 3-5% fine disseminated Py above 227.5, 15% fine but heavily disseminated Py below 227.5. . COMMENTS: WR 96-22-226: Monolithic fragment? WR 96-22-227: Coarse strongly resembles hole 18. Wr 96-22-245: Fine tuff, no fragments. Magnetic mafic crystal tuff. Distinctive light green, spotted to streaked with fine Mt. Almost certainly with the same rock chemistry as units encountered in hole 18 on line 12w 750m 12+00W, 7+50N and described as coarse metavolcanics or subvolcanic sills. While still possibly correct, dacite lapilli in fine-med. grained tuffs, at 248m this hole, imply that the unit in hole 18 could be extrusive, or even pyroclastic + altered/ recrystallized. . 228.35 to 230.15: Qtz eye dacite with 3-4% med. sized qtz eyes. Apparently primarily fragmental with one 10-15cm thick												

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		bed of crystal tuff at 228.60. Mixed mafic and dacite clasts +/or mafic crystal matrix below 229.85. . ALTERATION: 5-7% Py above 229.4, 7-8% Py below 229.4 disseminated to banded and along subconcordant fractures. . STRUCTURE: Foliation 65-70 to CA. . COMMENTS: Strong deformation appears to cease abruptly about 230m. . 230.15 to 235.35: Med. grained mafic-int. crystal tuff. Grading into dacite crystal tuff over 40cm at 231.1m. Dacite 1-3% small qtz eyes, weakly banded due to bleaching. . ALTERATION: 8-10% fine to crs. disseminated Py above 231.35. 2-3% very fine Py below 231.35. . STRUCTURE: Foliation 65 to CA. . 235.35 to 238.72: Similar to previous subinterval. Mafic-int. for top 40-60m. Dacite with 1-3% eyes below 236m. . ALTERATION: 1-2% very fine Py. . STRUCTURE: Foliation 60-65 to CA.											

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
238.72	240.98	ALTERED GABBROIC DYKE (Altered Gabbroic Dyke) - Fine grained, med. green. Both contacts broken, but appear subconcordant. . ALTERATION: Strong Chl-calcite alteration, 1-2% very fine Mt. tr Py. . STRUCTURE: Top contact 40-45 to CA, Lower contact indeterminate.												
240.98	249.8	INTERBEDDED MAFIC CRYSTAL TUFFS/ FRAGMENTALS AND QTZ EYE DACITE TUFFS (Interbedded Maf. Crys./Frags. And QID) - similar to interval from 224.7-238.72 but with less dacite and more common fragmental sections. Well foliated but relatively undeformed. . 240.98 to 245.06: Qtz eye dacite crystal tuff, 2-3% sm.-med. qtz eyes. Somewhat contaminated, with a greenish tint from pervasive Chl alteration above 20-23cm wide crosscutting altered gabbroic dyke at 242.15. . ALTERATION: 1-2% fine disseminated Py, very weak pervasive calcite alteration. Dyke strong Chl-calcite epidote alteration, tr Py. . STRUCTURE: Foliation 60-65 to CA. Dyke strongly foliated												

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		to sheared parallel to contacts, 40-45 to CA, which crosscuts foliation in dacite at near 90 degrees.												
		.												
		245.06 to 248.88: Mafic crystal tuff spotted with fine Mt. grading to matrix supported lapilli tuff. Occasional mod.-strongly flattened dacitic fragments present from 246.5-246.9. Common, 25-35% moderate k-spar altered dacitic fragments up to 1 x 3cm, mod.-strongly flattened and set in a spotted magnetic crystal tuff matrix.												
		.												
		ALTERATION: 4-5% Py on average locally to 5-7% disseminated to streaked. Mod.-strong pervasive calcite alteration.												
		.												
		STRUCTURE: Well foliated at 65-70 to CA.												
		.												
		248.88 to 249.35: Magnetic fine mafic crystal tuff. No fragments.												
		.												
		ALTERATION: 1-2% fine Py.												
		.												
		STRUCTURE: Abrupt lower contact at 75 to CA.												
		.												
		249.35 to 249.85: Fine dacitic crystal tuff. Trace very small qtz eyes.												
		.												
		ALTERATION: 5-7% disseminated to fracture controlled Py seams, tr Sp at 249.6.												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
249.8	273.35	MAGNETIC MAFIC CRYSTAL TUFFS (Magnetic Mafic Crystal Tuffs) - similar to previous intervals of this unit. Fine-med. grained. . STRUCTURE: Contact sharp 70 to CA. . 245.7 to 246.5: A few small-med. sized mafic metavolcanic fragments present. . ALTERATION: 4-5% fine disseminated Mt. 2-3% fine Py up to 5-7% where sheared and weakly-mod. biotite altered. . STRUCTURE: Foliation 65-75 to CA												
275.35	282.35	MAFIC TUFFS AND MIXED FRAGMENTALS INTERBEDDED WITH QTZ EYE DACITE TUFFS (Maf. Tuffs and Mix. frags. Interbedded With QID) - 273.35-282.35, multiple flows, most with a mafic groundmass and 20-50% intermediate to dacitic fragments most <1cm x 2.5cm. . ALTERATION: 7-8% disseminated Py on average with some 10-20cm intervals, eg. 278.4, 279.3. 30-40% Py, 40-50% fragments, sulphide rich matrix. . Below 286: Very rare int. fragments present, majority being mafic metavolcanic, thoroughly chloritized <50% fragments. . ALTERATION: 2-3% fine Py above 285m, 7-8% clustered	278.20	278.80	0.60	20	30.000	101.000	0.400	NIL	NIL	NIL	NIL	NIL
			278.98	279.53	0.55	65	38.000	89.000	0.600	3.000	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		to banded below 285m.												
		.												
		STRUCTURE: Foliation 70 to CA.												
		.												
		292.0 to 293.65: Qtz eye dacite crystal tuff. Relatively dull and homogeneous1% small qtz eyes.												
		.												
		ALTERATION: 1-2% very fine disseminated Py.												
		.												
		STRUCTURE: Foliation, contacts 70 to CA.												
		.												
		293.65 to 295.57: Mixed mafic fragmental, similar to interval from 286.0-292.0.												
		.												
		ALTERATION: 3-5% fine disseminated to banded Py. 20% qtz stringers to 3cm wide, foliation parallel, from 297.1-297.7.												
		.												
		STRUCTURE: Foliation 70 to CA.												
		.												
		295.57 to 300.2: Qtz eye dacite crystal tuff, 2-4% sm.-med. sized qtz eyes. Subconcordant, shear related?, calcite-qtz veining from 296.50-296.67.												
		.												
		ALTERATION: 2-3% fine disseminated Py. 5cm wide bands of coarse disseminated Py at 297.3. Vein and adjacent wallrock for 10cm either side contains 3-5% Py <1% Sp.												
		.												
		STRUCTURE: Foliation 65 to CA. Veining 40-50 to CA,												

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		foliation at end of hole 60-65 to CA.												

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
28.00	-50.00	
91.46	-49.00	358.00
182.93	-48.00	360.00
274.39	-47.00	3.50
300.20	-47.00	

Nuinsco Resources Limited

DIAMOND DRILL LOG

PROPERTY: Richardson
HOLE No.: NR9627
Collar Eastings: -600.00
Collar Northings: -875.00
Collar Elevation: 10.00
Grid: Rich

Collar Inclination: -75.00
Grid Bearing: 0.00
Final Depth: 285.20 metres

Logged by: C.A. WAGG
Date: 09/03/96-11/03/96
Down-hole Survey: Sperry Sun/Acid Test

FROM	TO	LITHOLOGICAL DESCRIPTION
0	9.2	CASING (Casing) -
9.2	49.8	MAFIC VOLS./FINE GRAINED INTRUSION (Mafic Vols./Fine Grained Intrusion) - dark green, aphonitic to phaneritic. Mode composed of approximately 40% Fsp, 40% Fe mag and chlorite, up to 10% elongate magnetite aggregates, 7% qtz blue to white, although some or all of this may be amygdules, 3% disseminated sulphide and fracture filling sulphide -Py Po. Little reaction to HCl. . COMMENTS: Variably magnetic throughout; 10m-3.36, 11m-7.55, 12m-13.60, 13m-7.70, 14m-6.95, 15m-2.06, 16m-2.01, 17m-35.40 Po, 18m-5.39, 19m-3.37, 20m-1.34, 21m-1.45, 22m-7.80, 23m-7.74, 24m-3.86, 25m-0.84, 26m-5.78, 27m-1.70, 28m-11.9, 29m-2.20, 30m-0.74, 31m-2.85, 32m-7.33, 33m-1.80, 34m-0.97, 35m-0.98, 36m-3.47, 37m-31.5, 38m-33.0, 39m-19.0, 40m-18.8, 41m-22.3, 42m-23.10, 43m-22.90, 44m-3.90, 45m-2.50, 46m-5.93, 47m-22.10, 48m-22.60, 49m-15.60. .

ASSAYS

FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pb ppb
19.05	19.45	0.40	10.000	275.000	146.000	0.600	2.000	NIL	NIL	NIL	NIL
22.50	22.90	0.40	50.000	35.000	200.000	NIL	5.000	NIL	NIL	NIL	NIL
22.90	23.90	1.00	30.000	83.000	270.000	NIL	2.000	NIL	NIL	NIL	NIL
27.42	28.22	0.80	10.000	162.000	290.000	NIL	3.000	NIL	NIL	NIL	NIL
31.20	32.30	1.10	15.000	147.000	360.000	0.200	2.000	NIL	NIL	NIL	NIL
32.30	33.80	1.50	40.000	285.000	740.000	0.800	4.000	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pb ppb
		9.2 to 15.45: Maf. Vol., mg. Phaneritic interval as described above. . 15.45 to 38.4: Maf. Vol., fg. Generally ephanitic interval, probably similar mineralogy to interval uphole, tends to be darker green. 18.05-19.45, QCV with Py-Po. 22.5-22.9, QCV with Py-Po, bleached adjacent to vein. 24.18-24.78, QCV + QV, limited bleaching, little sulphide, <5% Py. 27.42-28.22, abundant blue quartz, mag. aggregates up to 3mm comprise 10% of mode. 10% plus pyrite as small aggregates and elongate fracture fillings. Chloritic, ophanitic groundmass, mm-cm scale QCV. . ALTERATION: 27.42-28.22, chloritized? . 31.2 to 33.80: QCV, QV, bleached groundmass to veins. Sulphide throughout 7% and predominantly Py with Po, rare Sph, biotite, up to 1mm crystals, occurs throughout. . 38.4 to 49.8: Dark green, phoneritic, rare k-spar rated. Magnetite as 2-3mm grains throughout. Possible gabbro.											
49.8	51.3	*INT. INTRUSION (Int. Intrusion) - Pink-grey. Fsp phyric* -10% of mode. Apanitic to fg groundmass. Acicular femag mins -amphiboles, comprise 5-10% of mode. Uphole contact at 40 to CA, downhole at 60.												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pb ppb
		. COMMENTS: 51m-4.28.												
51.3	83.7	MAF. VOL.? MG CARBONATIZED (Maf. Vol.? Mg Carbonatized) - dark green. Aphantic-phaneritic. As from 38.4-49.8. Magnetite grains up to 3mm comprise approximately 10% of mode. Phaneritic Fsp and Fe mag mins irregularly developed. Becomes aphanitic at downhole contact. Reacts vigourously to HCl throughout -carbonate spotting abundant. Sulphide content usually <1%, near downhole contact, rises to 3-4% Py as disseminations and fracture fillings .30dm hybrid zone of downhole contact. . ALTERATION: Carbonatized throughout -vigorous reaction to HCl -approximately 10% ,?, carb. mineralization -visible grains/aggregates but also hidden in groundmass. . COMMENTS: 52m-13.6, 53m-15.0, 54m-9.03, 55m-4.38, 56m-6.42, 57m-4.47, 59m-1.60, 60m-7.63, 61m-18.60, 62m-1.72, 63m-3.95, 64m-53.30, 65m-7.32, 66m-5.23, 67m-5.73, 68m-0.58, 69m-0.56, 70m-0.49, 71m-17.80, 72m-3.11, 73m-0.99, 74m-14.10, 75m-2.09, 76m-1.02, 77m-49.2, 78m-1.30, 79m-4.06, 80m-8.55, 81m-23.5, 82m-1.25, 83m-37.70.	81.42	82.22	0.80	20.000	70.000	150.000	0.200	5.000	NIL	NIL	NIL	NIL
			82.22	83.20	0.98	5.000	63.000	164.000	1.800	2.000	NIL	NIL	NIL	NIL
			83.20	83.70	0.50	25.000	40.000	141.000	0.600	2.000	NIL	NIL	NIL	NIL
83.7	285.2	INTERMEDIATE FRAGMENTAL -DAC. ASH TUFF	83.70	84.20	0.50	10.000	24.000	80.000	0.200	3.000	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION
		(Intermediate Fragmental -Dac. Ash Tuff) - medium grey. Generally massive and homogeneous. Qtz crystals rare. Composed predominantly of ash sized grains with rare qtz crystals. Rare possibly lithic fragments and patches of carbonate which may have altered Fsp grains. Bedding is generally poorly developed, but weak banding mineral/clast alignment, occurs at about 50 to CA.
		.
		ALTERATION: Mottled bleaching throughout, es vein selvage alteration, light grey, -bleached rock accounts for approximately 30% of rock volume. Fine disseminated sulphide. Pyrite dominantly, occurs throughout comprising 1-4% of mode.
		.
		COMMENTS: Bedding at uphole contact at 60 to CA. 84m-0.16, 85m-3.22.
		.
		98.54 to 98.99: MAF. INTRUS. (Maf. Intrus.) - fine grained, massive. Contacts, upper and lower at 60 to CA. Sinistral offset of uphole contact.
		.
		111.72: Possible bedding plane.
		.
		126? to 138.45: BEDDED ASH TUFF (Bedded Ash Tuff) - fine grained, bedded ash horizons. Generally siliceous but chlorite abundant in individual beds. Bedded at 60 to CA.
		.

ASSAYS										
FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pb ppb
90.20	91.55	1.35	10.000	13.000	61.000	1.600	6.000	NIL	NIL	NIL	NIL
91.55	93.20	1.65	430.000	8.000	56.000	0.200	1.000	NIL	NIL	NIL	NIL
99.30	100.83	1.53	450.000	5.000	57.000	2.200	2.000	NIL	NIL	NIL	NIL
100.83	102.40	1.57	30.000	3.000	53.000	2.200	2.000	NIL	NIL	NIL	NIL
105.40	106.94	1.54	10.000	3.000	480.000	0.200	2.000	NIL	NIL	NIL	NIL
106.94	108.50	1.56	20.000	4.000	44.000	2.600	4.000	NIL	NIL	NIL	NIL
132.70	133.70	1.00	115.000	61.000	113.000	5.800	3.000	NIL	70.000	NIL	NIL
133.70	133.97	0.27	770.000	72.000	58.000	0.800	16.000	NIL	67.000	NIL	NIL
133.97	134.29	0.32	275.000	60.000	96.000	0.300	6.000	NIL	65.000	NIL	NIL
158.74	159.04	0.30	225.000	39.000	1450.000	0.200	3.000	NIL	63.000	NIL	NIL
159.04	159.24	0.20	150.000	200.000	2650.000	0.800	4.000	NIL	67.000	NIL	NIL
159.24	160.30	1.06	5.000	24.000	325.000	7.600	9.000	NIL	68.000	NIL	NIL
166.40	167.92	1.52	5.000	16.000	155.000	4.600	20.000	NIL	72.000	NIL	NIL
167.92	169.40	1.48	30.000	17.000	152.000	0.200	22.000	NIL	74.000	NIL	NIL
215.10	216.63	1.53	5.000	10.000	95.000	4.000	5.000	NIL	57.000	NIL	NIL
216.63	218.20	1.57	25.000	20.000	70.000	0.400	7.000	NIL	62.000	NIL	NIL
232.70	233.10	0.40	20.000	115.000	600.000	0.500	1.000	NIL	69.000	NIL	NIL
237.63	238.38	0.75	5.000	51.000	141.000	0.200	5.000	NIL	56.000	NIL	NIL
238.38	239.50	1.12	10.000	124.000	590.000	0.700	5.000	NIL	49.000	NIL	NIL
239.50	241.04	1.54	10.000	141.000	420.000	0.700	5.000	NIL	45.000	NIL	NIL
241.04	242.60	1.56	55.000	50.000	760.000	0.800	2.000	NIL	38.000	NIL	NIL
242.60	243.30	0.70	15.000	250.000	445.000	2.200	NIL	NIL	64.000	NIL	NIL
243.30	243.67	0.37	80.000	430.000	710.000	3.600	NIL	NIL	11.000	NIL	NIL
243.67	244.17	0.50	95.000	45.000	620.000	1.000	12.000	NIL	39.000	NIL	NIL
244.17	245.60	1.43	NIL	18.000	57.000	NIL	NIL	NIL	43.000	NIL	NIL
279.10	280.16	1.06	5.000	21.000	340.000	0.200	6.000	NIL	32.000	NIL	NIL
280.16	280.38	0.22	5.000	24.000	570.000	0.200	5.000	NIL	36.000	NIL	NIL
280.38	281.80	1.42	5.000	20.000	220.000	NIL	8.000	NIL	38.000	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION
		ALTERATION: Reacts vigourously to HCl, fg carbonate in the groundmass. Sulphide, pyrite, throughout, generally as fracture filling -with carbonate and chlorite. Local bedding parallel aggregates -looks recrystallized - porphyrohlasts. Strongly magnetic -elevated sde >10% between 133.7-133.97.
		.
		138.45 to 146.85: Qtz eye tuff, coarser grained than immediately uphole. Local probable lithic fragments 1 Fsp crystal. Probable gradation to the interval immediately uphole -ie. fining upwards.
		.
		ALTERATION: Mottled bleaching throughout, generally at vein selvages. Carbonate is groundmass and as discrete aggregates/grains -altered Fsp? Sulphide -pyrite as disseminated grains 1-2%.
		.
		146.85 to 148.6: Fine grained mafic dyke. Massive uphole contact at 80 to CA, downhole contact obscured. Magnetic -weakly barren.
		.
		160.3 to 171.0: Lighter coloured than elsewhere. Coarse grained qtz crystals throughout -up to 5mm. Bedding plane foliation -? at 65 to CA. Groundmass tends to be coarser ash than uphole.
		.
		ALTERATION: Pervasive bleaching -? Disseminated and vein filling Py -1-2% overall. Rare Sph.

			ASSAYS								
FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pb ppb
281.80	282.00	0.20	NIL	18.000	205.000	NIL	5.000	NIL	NIL	NIL	NIL
282.00	282.65	0.65	NIL	28.000	255.000	0.200	3.000	NIL	NIL	NIL	NIL
282.65	283.43	0.78	20.000	42.000	690.000	0.400	NIL	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pb ppb
		.												
		171.0 to 198: Sequence of possible graded horizons. Gradations from coarser crystal, qtz- laden ash to finer ash. Bedding plane foliation at 60 to CA.												
		.												
		198.0 to 206: Ash tuff -feldspathic. Few qtz crystals. Discrete carbonate aggregates, which may be altered Fsp crystals.												
		.												
		ALTERATION: Efferueseas readily. Pink -K mineralization between 199.6-201.9. Bleached irregularly throughout as mm scale vein selvage zones.												
		.												
		206 to 227.74: Quartz crystal tuff homogeneous. 1-2% quartz crystals in fine grained grey matrix.												
		.												
		ALTERATION: Light to medium grey -bleached throughout. More extensively bleached at mm scale fractures.												
		.												
		227.74 to 238.38: Very siliceous quartz eye dacite with wispy white banding -again very siliceous through -65 to CA.												
		.												
		236.76 to 237: Mafic unit. Sharp contacts at 60 to CA. Possible chloritic tuff/sed. or intrusion?												
		.												
		ALTERATION: Pyrite aggregates and disseminated grains, near centre of intrusion. 5-7% overall.												
		.												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pb ppb
		238.38 to 243.67: Chloritic tuff/sed. Sharp uphole and downhole contacts -bedding at 60 to CA. Dominantly, chlorite and biotite? with 3% +garnet. Little internal bedding noted except near uphole contact where cm scale bedding occurs. Strongly magnetic.												
		.												
		ALTERATION: Chloritic sulphide composed of Py and Po as irregular aggregates, fracture fillings and bedding parallel bands.												
		.												
		243.67 to 244.17: Finely bedded siliceous tuff/sediment mm to cm scale at 60 to CA. Rare garnet.												
		.												
		ALTERATION: 1-2% Py, rare Cpy.												
		.												
		244.17 to 285.2: Qtz eye dacite mixed texture, poorly bedded but banded throughout. The fractures -mm scale, frequently with tour., tourmaline also in groundmass. Qtz crystals up to 5mm comprise from <1 to 2% of mode.												
		.												
		ALTERATION: 1-2% Py as disseminated grains end rarely in fractures. Rare Sph in fractures <1%, potassic alteration between 261-265.												

FROM	TO	LITHOLOGICAL DESCRIPTION

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
32.31	-72.50	10.00
93.27	-70.50	10.00
154.23	-69.75	11.00
215.19	-69.00	12.00
276.15	-68.00	14.00
285.20	-68.00	

			ASSAYS							
FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pb ppb

Nuinsco Resources Limited

DIAMOND DRILL LOG

PROPERTY: Richardson
HOLE No.: NR9628
Collar Eastings: -475.00
Collar Northings: -725.00
Collar Elevation: 10.00
Grid: Rich

Collar Inclination: -60.00
Grid Bearing: 0.00
Final Depth: 243.20 metres

Logged by: C.A. WAGG
Date: 12/03/96-14/03/96
Down-hole Survey: Acid Test

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS										
			FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
0	10	CASING (Casing) -												
10	21.75	INTERMEDIATE FRAGMENTAL (Int. Fragmental) - medium grey. Quartz eye dacite. 5-10% quartz crystals in an ash sized groundmass with less Fsp grains and lithic fragments/clasts. Banded -bedding plane foliation-at 65 to CA. Downhole contact abrupt at 65 to CA -bedding plane. . ALTERATION: Mottled bleaching throughout. Carbonate occurs throughout the groundmass. 3% disseminated Py. . COMMENTS: No grading noted.												
21.75	31.5	SILICEOUS AND CHLORITIC SEDS (Siliceous and Chloritic Seds -Iron Fm) - grey-green, mm to cm scale of siliceous -cherty sediments and chloritic sediments. All beds are very fine grained. Chloritic beds are variably magnetic. Bedded at 65 to CA. Brown mineralization -biotite? as patches in chloritic seds. . ALTERATION: Pyrite -pyrrohotite mineralization	29.90	30.85	0.95	95.000	325.000	295.000	1.000	NIL	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS										
			FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		throughout chloritic horizons -5% overall as bedding parallel aggregates and fracture fillings. Very rare Cpy in vein, QV.												
		.												
		COMMENTS: White QV with Cg, Py between 29.9-30.85.												
31.5	213.23	INTERMEDIATE FRAGMENTAL (Int. Fragmental) -	38.10	39.64	1.54	NIL	24.000	121.000	NIL	NIL	NIL	NIL	NIL	NIL
		medium grey, -mottled. Quartz eye dacite...as observed	39.64	41.10	1.46	5.000	33.000	155.000	NIL	3.000	NIL	NIL	NIL	NIL
		elsewhere. 5-10% quartz crystals in an ash groundmass,	50.20	51.74	1.54	NIL	17.000	162.000	NIL	NIL	NIL	NIL	NIL	NIL
		rare Fsp crystals and lithic clasts. Poorly bedded although	51.74	53.30	1.56	NIL	10.000	125.000	NIL	4.000	NIL	NIL	NIL	NIL
		bedding plane foliation is common at 60 to CA.	68.50	70.04	1.54	10.000	17.000	235.000	0.200	3.000	NIL	NIL	NIL	NIL
		.	70.04	71.60	1.56	10.000	15.000	140.000	0.400	4.000	NIL	NIL	NIL	NIL
		ALTERATION: Irregularly mottled grey -partly the result	83.80	85.34	1.54	NIL	59.000	92.000	NIL	NIL	NIL	NIL	NIL	NIL
		of carbonate +/- sericite. Vein selvages bleached. 2-3%	85.34	86.80	1.46	15.000	29.000	130.000	NIL	NIL	NIL	NIL	NIL	NIL
		Py, predominant as disseminations.	95.70	96.30	0.60	10.000	13.000	95.000	0.400	2.000	NIL	NIL	NIL	NIL
		.	101.40	101.70	0.30	10.000	13.000	96.000	0.600	5.000	NIL	NIL	NIL	NIL
		31.5 to 55.5: QID, (QID, mg-cg) - ash with 5-10% blue-grey	101.70	102.32	0.62	NIL	34.000	1450.000	NIL	4.000	NIL	NIL	NIL	NIL
		qtz crystals -eridely graded: individual units are from 4-5m	107.10	107.40	0.30	NIL	44.000	740.000	0.400	4.000	NIL	NIL	NIL	NIL
		in width -qtz crystal content decreases upward and ash	107.40	107.60	0.20	100.000	25.000	161.000	0.800	2.000	NIL	NIL	NIL	NIL
		becomes finer.	114.30	115.20	0.90	80.000	45.000	156.000	0.600	4.000	NIL	NIL	NIL	NIL
		.	118.40	118.70	0.30	25.000	70.000	4100.000	1.000	6.000	NIL	NIL	NIL	NIL
		55.5 to 60.0: Bedding is better developed, fewer qtz crystals	118.70	119.20	0.50	260.000	25.000	850.000	2.800	8.000	NIL	NIL	NIL	NIL
		2-3%, cm-dm scale bedding at 65 to CA.	121.40	121.60	0.20	670.000	48.000	2400.000	0.600	22.000	NIL	NIL	NIL	NIL
		.	132.50	134.04	1.54	180.000	45.000	780.000	2.200	320.000	NIL	NIL	NIL	NIL
		60.0 to 75.85: QID (QID) - as from 31.5-55.5.	134.04	135.60	1.56	225.000	45.000	780.000	2.400	295.000	NIL	NIL	NIL	NIL
		.	135.60	137.14	1.54	630.000	45.000	1550.000	5.000	640.000	NIL	NIL	NIL	NIL
		75.85 to 76.55: QV, in contact zone.	137.14	138.60	1.46	105.000	21.000	410.000	1.200	36.000	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		.	150.80	152.34	1.54	85.000	12.000	480.000	NIL	15.000	NIL	NIL	NIL	NIL
		76.55 to 102.1: QID (QID, fg) - fine grained groundmass	152.34	153.90	1.56	190.000	20.000	420.000	0.200	28.000	NIL	NIL	NIL	NIL
		with 5-7% blue qtz crystals and local Fsp crystals.	153.90	155.44	1.54	270.000	34.000	840.000	1.000	18.000	NIL	NIL	NIL	NIL
		Darker in colour and overall finer grained than QID	155.44	156.90	1.46	70.000	26.000	230.000	0.800	49.000	NIL	NIL	NIL	NIL
		uphole. No discernible bedding.	170.65	171.00	0.35	80.000	41.000	2300.000	0.600	90.000	NIL	NIL	NIL	NIL
		.	171.00	172.20	1.20	210.000	61.000	1700.000	1.000	58.000	NIL	NIL	NIL	NIL
		ALTERATION: Pink colouration throughout, probably	172.20	172.80	0.60	615.000	56.000	2900.000	0.800	56.000	NIL	NIL	NIL	NIL
		entirely hematite -from abundance on fracture surfaces.	172.80	173.50	0.70	940.000	58.000	1750.000	1.000	41.000	NIL	NIL	NIL	NIL
		Bleaching adjacent to vein/fracture selvages.	173.50	173.75	0.25	760.000	172.000	5300.000	1.200	60.000	NIL	NIL	NIL	NIL
		.	173.75	174.25	0.50	170.000	35.000	1200.000	0.200	36.000	NIL	NIL	NIL	NIL
		91.1 to 91.3: Mafic dyke. Uphole and downhole contacts	184.40	185.94	1.54	260.000	28.000	800.000	0.800	39.000	NIL	NIL	NIL	NIL
		at 30 to CA.	185.94	187.40	1.46	110.000	37.000	240.000	0.400	42.000	NIL	NIL	NIL	NIL
		.	187.40	188.94	1.54	40.000	14.000	470.000	NIL	18.000	NIL	NIL	NIL	NIL
		ALTERATION: Carbonatized throughout.	188.94	190.50	1.56	80.000	13.000	136.000	0.400	36.000	NIL	NIL	NIL	NIL
		.	202.72	203.01	0.29	85.000	167.000	280.000	NIL	4.000	NIL	235.000	NIL	NIL
		92.0 to 93.13: Mafic dyke. Uphole and downhole contacts	203.01	204.50	1.49	185.000	240.000	255.000	0.500	42.000	NIL	11.000	NIL	NIL
		at 40 to CA.	204.50	204.93	0.43	105.000	315.000	230.000	0.400	15.000	NIL	240.000	NIL	NIL
		.	204.93	206.66	1.73	85.000	18.000	1250.000	0.300	43.000	NIL	12.000	NIL	NIL
		93.15 to 93.37: Intermediate Fsp porphyry dyke. Uphole	206.66	206.99	0.33	60.000	21.000	210.000	0.300	35.000	NIL	79.000	NIL	NIL
		and downhole contacts at 40 to CA.	206.99	207.29	0.30	10.000	27.000	115.000	0.200	70.000	NIL	12.000	NIL	NIL
		.	207.29	207.50	0.21	65.000	157.000	360.000	0.200	28.000	NIL	230.000	NIL	NIL
		102.1 to 113: QID as described from 31.5-55.5.	207.50	207.92	0.42	120.000	37.000	165.000	0.600	88.000	NIL	17.000	NIL	NIL
		.	207.92	208.38	0.46	45.000	61.000	266.000	0.200	36.000	NIL	188.000	NIL	NIL
		ALTERATION: Rare Sph noted in fractures, 2-3%	208.38	209.17	0.79	25.000	39.000	135.000	0.300	73.000	NIL	40.000	NIL	NIL
		disseminated Py.	209.17	210.17	1.00	25.000	92.000	280.000	0.400	5.000	NIL	280.000	NIL	NIL
		.	210.17	210.43	0.26	165.000	81.000	1300.000	2.800	238.000	NIL	24.000	NIL	NIL
		113.9 to 123.85: Intermediate tuff -ash, rare qtz crystals,	210.43	210.62	0.19	35.000	85.000	560.000	0.300	5.000	NIL	280.000	NIL	NIL
		greater abundance with depth. Local garnet mineralization.	210.62	210.85	0.23	60.000	81.000	412.000	1.700	198.000	NIL	12.000	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION
		.
		ALTERATION: Carbonate mineralization in groundmass. Fine Py and Sph in the groundmass. Sph with Py -? in fractures -3-4% sulphide overall, 90% Py.
		.
		123.85 to 202.73: Initially finely laminated beds at 60 to CA -siliceous becoming QID dacite by 125.45. Local garnet mineralization. 139.2-144.7, fault zone, gouge and bx throughout. Preexisting texture obliterated. Downhole from F2 texturally as uphole. Progressive decrease in bleaching. Distinct effect of F2 -foliation/ kinking/strong bleaching- diminished by 160m.
		.
		ALTERATION: Progressive increase in bleaching with depth -associated with fracturing and fault zone. Abundant sericite -cause of bleaching. Fine disseminated Py -2-3% throughout, Sph in fractures particularly in footwall to fault, sporadic occurrence -up to 5% over 1m.
		.
		STRUCTURE: Local kink banding near parallel to CA commences at 124.9. Kinking continues intermittently throughout deformation/fault zone. Foliated at 50-60 to CA. 139.2-144.7, F2, gouge bx rubble.
209.73	213.23	MIXED INTERVAL INTERMEDIATE FRAGMENTAL AND ULTRAMAFIC INTRUSIONS
		(Mixed Interval Int. Frag. and Ultramafic Intrusions) -

ASSAYS

FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
210.85	211.19	0.34	90.000	82.000	660.000	1.800	179.000	NIL	225.000	NIL	NIL
211.19	211.34	0.15	205.000	75.000	1950.000	2.500	335.000	NIL	19.000	NIL	NIL
211.34	211.56	0.22	30.000	124.000	500.000	0.900	78.000	NIL	315.000	NIL	NIL
211.56	212.89	1.33	375.000	240.000	6800.000	5.500	2000.000	NIL	35.000	NIL	NIL
212.89	213.15	0.26	135.000	220.000	690.000	1.300	70.000	NIL	245.000	NIL	NIL
213.15	213.23	0.08	250.000	430.000	2100.000	1.500	57.000	NIL	115.000	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION
		fragmental intervals are as described uphole. Qtz bearing with fine grained ash groundmass. Garnet noted. Mafic-ultramafic intrusions generally fine grained with sharp, unchilled or only slightly chilled contacts. Very soft, dominantly chloritic and carb. row -presumably alteration of pyroxenes. . **ALTERATION:** Texture modified in proximity to wider intervals of **MUM** -bleached throughout. Carb. mineralization pervasive in **MUM** units. Sulphide composed of aggregates of Py and Po with rare Cpy -generally <3% of entire unit. . **MUM** Intervals from: 202.72-202.76 202.84-203.01 204.50-204.93 207.29-208.38 209.12-210.17 210.43-210.62 210.85-210.97 211.05-211.19 211.34-211.56 Lobe does not transect core: 212.31 212.56-212.66 212.89-213.15 213.25-213.23 Contact Ca's variable, but generally at high

			ASSAYS								
FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		angle to CA.												
		.												
		ALTERATION: 212.31, reaction rim at contact -dorle.												
		.												
		COMMENT: 206.66-206.99 -lobe does not entirely transect core.												
213.23	218.33	MAFIC-ULTRAMAFIC UNIT (MUM Unit) -	213.23	213.48	0.25	15.000	49.000	150.000	0.800	2.000	NIL	225.000	NIL	NIL
		dark green, fine grained to medium grained. Initially	213.48	214.68	1.20	15.000	36.000	90.000	0.800	NIL	NIL	152.000	NIL	NIL
		fine grained and massive grading downhole to 3-4mm grains	214.68	215.28	0.60	10.000	19.000	66.000	0.200	NIL	NIL	106.000	NIL	NIL
		of cumulate textured altered pyroxenite. Sharp uphole	215.28	216.18	0.90	10.000	34.000	72.000	NIL	NIL	NIL	270.000	NIL	NIL
		and downhole contacts at high angle to CA. 80 degrees+	216.18	217.18	1.00	NIL	19.000	87.000	0.200	1.000	NIL	250.000	NIL	NIL
		.	217.18	217.90	0.72	NIL	17.000	73.000	NIL	NIL	NIL	300.000	NIL	NIL
		ALTERATION: Chloritization of pyroxenite protolith -very soft throughout. Very limited carbonate only weak reaction to HCl in fractures -apparently none in groundmass. Limited sulphide mineralization, coarse grained Py -1cm grains- at uphole contact, otherwise limited to 1mm Py disseminated, comprising 1% of mode.												
218.33	243.20	INTERMEDIATE FRAGMENTAL (Int. Fragmental) -	217.90	218.80	0.90	NIL	31.000	95.000	0.300	NIL	NIL	500.000	NIL	NIL
		light to medium grey. Qtz crystals comprise approximately	218.80	219.33	0.53	NIL	92.000	128.000	1.000	1.000	NIL	670.000	NIL	NIL
		1% of volume. Groundmass is fine grained.	219.33	219.62	0.29	15.000	131.000	280.000	1.400	35.000	NIL	485.000	NIL	NIL
		.	230.65	231.05	0.40	180.000	36.000	86.000	1.000	220.000	NIL	NIL	NIL	NIL
		ALTERATION: Irregularity mottled throughout.	231.05	232.05	1.00	145.000	17.000	360.000	0.800	250.000	NIL	NIL	NIL	NIL
		Sericite mineralization developed throughout. Sulphide as	232.05	232.50	0.45	80.000	16.000	1250.000	1.000	215.000	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION
		irregularly developed fracture fillings -sphalerite noted throughout but Py dominates as usual -5-7% sulphide, 90% Py.
		.
		STRUCTURE: Foliated throughout at 70 to CA. Local kinking of foliation noted. No pressure shadows or qtz crystals.
		.
		COMMENTS: Wispy fractures/bands of sulphide become common below 230m.

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
60.96	-57.50	5.00
121.92	-56.50	9.00
202.69	-55.50	8.00
243.20	-55.00	

ASSAYS

FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
232.50	233.10	0.60	55.000	10.000	88.000	0.400	80.000	NIL	NIL	NIL	NIL
233.10	234.50	1.40	255.000	24.000	199.000	1.000	240.000	NIL	NIL	NIL	NIL
234.50	234.85	0.35	430.000	123.000	950.000	2.800	760.000	NIL	NIL	NIL	NIL
234.85	235.30	0.45	705.000	109.000	1150.000	15.600	3600.000	NIL	NIL	NIL	NIL
235.30	236.20	0.90	200.000	13.000	108.000	0.800	95.000	NIL	NIL	NIL	NIL
236.20	236.80	0.60	70.000	15.000	200.000	1.000	164.000	NIL	NIL	NIL	NIL
236.80	237.68	0.88	25.000	7.000	156.000	0.800	114.000	NIL	NIL	NIL	NIL
237.68	238.25	0.57	45.000	14.000	200.000	1.000	110.000	NIL	NIL	NIL	NIL
238.25	239.20	0.95	30.000	13.000	142.000	1.000	91.000	NIL	NIL	NIL	NIL
239.20	239.95	0.75	50.000	24.000	45.000	0.400	14.000	NIL	NIL	NIL	NIL

Nuinsco Resources Limited

DIAMOND DRILL LOG

PROPERTY: Richardson
HOLE No.: NR9629
Collar Eastings: -475.00
Collar Northings: -725.00
Collar Elevation: 10.00
Grid: Rich

Collar Inclination: -55.00
Grid Bearing: 0.00
Final Depth: 263.60 metres

Logged by: C.A. WAGG
Date: 16/04/96
Down-hole Survey: Sperry Sun

FROM	TO	LITHOLOGICAL DESCRIPTION
0	10.3	OVERBURDEN (OB) -
10.2	21.42	QID (QID, mg) - pale grey. Weakly-mod. bleached, banded on cm scale. 5-7% generally <3mm qtz eyes. . ALTERATION: 1-2% fine disseminated Py. Very weak calcite alteration. 3-4% disseminated Py with 7-10% calcite-altered Fsp?-crystals over lowermost 30-40cm. . STRUCTURE: Foliation 65 to CA, rarely to 70. Very rarely to 55 to CA -at 18m only.
21.42	21.83	BEDDED CHERT (Bedded Chert) - very fine grained. Pale grey-white. May include some ash tuff component. Individual beds 2-10mm thick. . ALTERATION: Tr Py along fractures. . STRUCTURE: Bedding 70 to CA, parallel to foliation.
21.83	26.35	FINE MAFIC CRYSTAL TUFF (Fine Maf. Crystal Tuff) -

ASSAYS

FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		fine grained, dark green. Streaked with grey brown bands to 1.5cm wide. Well banded/bedded. Weakly magnetic throughout. Includes 10cm interval of bedded chert +/- ash at 24.30. . ALTERATION: 1-2% fine disseminated Py. Weak Chl-calcite alteration. Biotite +/- very fine Gnt developed along shear planes. 2-3% <1mm Gnt present below about 25m. . STRUCTURE: Foliation/bedding 65-70 to CA.												
26.35	28.06	INTERMEDIATE CRYSTAL TUFF (Int. Crystal Tuff) - fine grained, med.-dark grey, weakly banded. Spotted with 3-4% generally 1 x 2mm Fsp phenocrysts tr qtz eyes. . ALTERATION: 1-2% fine disseminated Py, very weak Chl alteration. . STRUCTURE: Contact foliation parallel 68-70 to CA. Foliation approximately 70 to CA.												
28.06	31.11	FINE MAFIC CRYSTAL TUFF (Fine Maf. Crystal Tuff) - similar to interval from 21.83-26.35, but with 3-4% Gnt rarely to 3mm concentrated within common 10-15cm intervals.												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		.												
		ALTERATION: 1-2% fine Py +Po? Very weak Chl-calcite-biotite alteration.												
		.												
		STRUCTURE: Foliation 70-72 to CA.												
31.11	111.2	QTZ-FSP DACITE CRYSTAL TUFF (Qtz-Fsp Dac. Crys. Tuff) - similar to interval from 10.2-21.42, but with 5-8% qtz eyes commonly to 4-5mm, up to 8-10% calcite crystals to 2-3mm, likely after Fsp, and 5-10% fine mafic silicates, mostly biotite and amphibole.	55.73	56.30	0.57	NIL	15.000	49.000	0.400	NIL	NIL	NIL	NIL	NIL
			56.30	57.29	0.99	NIL	16.000	93.000	NIL	17.000	NIL	NIL	NIL	NIL
			74.38	75.50	1.12	NIL	13.000	119.000	NIL	NIL	NIL	NIL	NIL	NIL
			75.50	76.44	0.94	30.000	73.000	400.000	0.800	12.000	NIL	NIL	NIL	NIL
			84.35	85.36	1.01	220.000	355.000	600.000	1.200	NIL	NIL	NIL	NIL	NIL
		.	89.90	91.26	1.36	330.000	23.000	340.000	6.200	NIL	NIL	NIL	NIL	NIL
		ALTERATION: 3-4% fine disseminated Py. Very weak bleaching and sericite alteration.	107.76	108.52	0.76	2160.000	124.000	940.000	38.000	4.000	NIL	NIL	NIL	NIL
			108.52	109.31	0.79	145.000	123.000	530.000	1.800	NIL	NIL	NIL	NIL	NIL
		.	110.10	110.69	0.59	35.000	51.000	105.000	0.400	NIL	NIL	NIL	NIL	NIL
		STRUCTURE: Foliation 65-70 to CA.												
		.												
		53.9: 5-10cm wide subconcordant irregular-walled qtz vein.												
		.												
		ALTERATION: Minor Chl, tr Py.												
		.												
		55.85: Crosscutting 15-20cm wide qtz vein.												
		.												
		ALTERATION: Minor Chl, epidote, tr Py.												
		.												
		STRUCTURE: Vein is at 45 to CA, foliation												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		65-70 to CA.												
		.												
		56.2 to 57.2: 10-15% foliation parallel qtz veins to 10cm wide.												
		.												
		ALTERATION: Minor Chl, tr-1% Py, Po, tr Sp.												
		.												
		61.75 to 70.5: K-spar alteration present with bleaching along foliation parallel to subconcordant fractures.												
		.												
		ALTERATION: Weak-mod. pervasive k-spar alteration from 68.0-68.7.												
		.												
		STRUCTURE: Foliation 70 to CA.												
		.												
		74.74 to 74.89: Foliation parallel qtz vein.												
		.												
		ALTERATION: Minor Chl-biotite, tr Py.												
		.												
		75.95 to 76.30: Contorted subconcordant qtz veins within weak shear.												
		.												
		ALTERATION: Minor Chl, 1-2% Py in vein. K-spar + epidote altered wallrock.												
		.												
		STRUCTURE: Foliation 60-75 to CA.												
		.												
		78.55 to 95.2: Bleached banding along fractures and												

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		weak banding of groundmass, accompanied by k-spar alteration with mm hematite fillings along fractures. Includes "fault-like" shattered to brecciated, strongly hematized interval with minor Chl and calcite from 84.4-85.5. Also includes mod.-strongly sausseritized and k-spar altered groundmass, with hematite +/- calcite, Chl, along fractures from 89.5-91.7 and 94.25-95.2. . ALTERATION: 2-3% fine disseminated Py. . STRUCTURE: Foliation 60-70, commonly 65-70 to CA. . 105.0 to 105.65: Broken, altered interval, similar to previous ones at 89.5-91.7 and 94.25-95.2. . 108.2 to 109.2: Weakly sheared parallel to foliation. . ALTERATION: 5-7% qtz stringers to 2cm thick. Moderate bleaching, Chl, epidote-sausserite, and calcite alteration. 3-5% disseminated Py.												
111.2	111.75	FINE ASH CRYSTAL TUFF (Fine Ash Crystal Tuff) - pale grey dacitic with traces of chert as 1-2mm thick beds. . ALTERATION: 2-3% fine disseminated to banded Py. .	110.69	111.50	0.81	150.000	66.000	380.000	2.600	NIL	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		STRUCTURE: Foliation, bedding 68-70 to CA.												
111.75	114.50	FINE MAFIC METAVOLCANICS, INTERBEDDED TUFFS AND PORPHYRITIC FLOWS (Fine Mafic Metavol., Interbedded Tuffs and Porph. Flows) - similar in colour banding and alteration to interval from 21.83-26.35. Weakly-mod. magnetic. Contains 4-5% sausseritized Fsp phenocrysts, rarely to 1cm and some qtz +/-ab filled vesicles. Includes a 10cm wide crosscutting qtz vein with a few percent tourmaline, Py at 113.0. . ALTERATION: 5-7% disseminated Py above 112.35- crystal tuff? 2-3% Py below-flows? . STRUCTURE: Vein at 50-60 to CA.	111.50	112.30	0.80	45.000	103.000	194.000	1.000	NIL	NIL	NIL	NIL	NIL
			112.85	113.58	0.73	1020.000	55.000	210.000	1.400	NIL	NIL	NIL	NIL	NIL
114.5	114.95	HYBRID OR TRANSITIONAL ZONE BETWEEN MAFIC METAVOLCANIC AND DACITES. (Hybrid or Transitional Zone between Maf. Metavol. and Dacites) - with tr qtz eyes. Apparently a dacite crystal tuff with weak Chl, moderate biotite alteration.												
114.95	200.6	QID (QID) - Well banded due to cm scale variations in bleaching. .	119.80	120.53	0.73	25.000	24.000	185.000	0.800	20.000	NIL	NIL	NIL	NIL
			120.53	121.11	0.58	270.000	23.000	1500.000	1.200	88.000	NIL	NIL	NIL	NIL
			121.11	121.85	0.74	190.000	20.000	460.000	1.000	66.000	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION
		ALTERATION: Mod.-strongly bleached. 3-5% very
		fine disseminated Py, tr Sp at 120.75, 121.05.
		.
		STRUCTURE: Foliation 60-75 to CA, averaging 65-70.
		.
		Below 120.15: Moderately to strongly bleached, banded,
		sericitized with occasional narrow <5mm, foliation parallel
		lenses/stringers of remobilized qtz-calcite-Chl. 3-5% remobilized
		material from 122-125.5.
		.
		ALTERATION: 1-2% fine Gnt present in places. Rare below
		132m, strings of Gnt to 2mm present within a few qtz veinlets.
		4-6% fine disseminated to <1mm wide banded Py. Tr Sp,
		Gn within foliation parallel 1cm wide calcite rich veinlet at
		137.7.
		.
		STRUCTURE: Foliation 60-70 to CA, rarely to 55 or 75.
		Foliation occasionally weakly kinked from 121.5-138.6.
		.
		140.05 to 140.25: Shattered contorted section.
		.
		140.25 to 144.55: Very broken core, little appears ground
		however. Crosscutting <5cm wide qtz veins at 15-25 to CA,
		at approximately 140.8, 141.4. Fault gouge and ground
		material over 30-50cm? at 144.20 ending at 144.55.
		Fracture controlled crosscutting qtz vein over 30cm core
		length at 145.4.
		.

ASSAYS											
FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
121.85	122.65	0.80	200.000	28.000	470.000	1.000	76.000	NIL	NIL	NIL	NIL
122.65	123.40	0.75	680.000	63.000	580.000	10.000	350.000	NIL	NIL	NIL	NIL
123.40	124.15	0.75	1120.000	75.000	580.000	8.600	210.000	NIL	NIL	NIL	NIL
124.15	124.89	0.74	375.000	39.000	470.000	1.600	66.000	NIL	NIL	NIL	NIL
124.89	125.63	0.74	130.000	19.000	120.000	0.800	40.000	NIL	NIL	NIL	NIL
125.63	126.40	0.77	160.000	21.000	250.000	0.800	38.000	NIL	NIL	NIL	NIL
128.52	129.50	0.98	270.000	22.000	810.000	1.400	139.000	NIL	NIL	NIL	NIL
129.50	130.68	1.18	365.000	53.000	1600.000	3.200	145.000	NIL	NIL	NIL	NIL
130.68	131.98	1.30	425.000	48.000	1650.000	2.400	300.000	NIL	NIL	NIL	NIL
131.98	132.67	0.69	125.000	20.000	420.000	2.200	470.000	NIL	NIL	NIL	NIL
137.40	138.12	0.72	90.000	28.000	790.000	4.000	185.000	NIL	NIL	NIL	NIL
139.90	140.63	0.73	60.000	12.000	129.000	1.000	10.000	NIL	NIL	NIL	NIL
140.90	141.70	0.80	40.000	22.000	91.000	0.600	14.000	NIL	NIL	NIL	NIL
144.55	145.57	1.02	55.000	28.000	38.000	0.400	6.000	NIL	NIL	NIL	NIL
145.57	146.63	1.06	315.000	105.000	1350.000	2.200	56.000	NIL	NIL	NIL	NIL
150.20	151.24	1.04	150.000	14.000	500.000	1.400	76.000	NIL	NIL	NIL	NIL
151.82	152.50	0.68	100.000	19.000	121.000	0.800	6.000	NIL	NIL	NIL	NIL
160.40	161.15	0.75	385.000	54.000	580.000	1.400	29.000	NIL	NIL	NIL	NIL
162.23	162.82	0.59	385.000	37.000	470.000	2.200	38.000	NIL	NIL	NIL	NIL
171.50	172.26	0.76	115.000	60.000	2300.000	1.000	17.000	NIL	NIL	NIL	NIL
172.26	172.86	0.60	145.000	37.000	1700.000	0.800	20.000	NIL	NIL	NIL	NIL
172.86	173.74	0.88	145.000	66.000	1650.000	1.000	15.000	NIL	NIL	NIL	NIL
173.74	175.20	1.46	110.000	46.000	188.000	0.800	20.000	NIL	NIL	NIL	NIL
175.20	175.82	0.62	170.000	31.000	920.000	0.800	27.000	NIL	NIL	NIL	NIL
175.82	176.19	0.37	215.000	40.000	800.000	0.600	27.000	NIL	NIL	NIL	NIL
176.19	176.63	0.44	200.000	38.000	1650.000	1.000	41.000	NIL	NIL	NIL	NIL
176.63	177.20	0.57	50.000	10.000	161.000	0.800	55.000	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS								
			FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		ALTERATION: Wallrock alteration adjacent to vein is <5cm wide.												
		.												
		STRUCTURE: Foliation 65 to CA at 145m, foliation 60-70 to CA at 150m, <1-3cm.												
		.												
		COMMENTS: <1% crosscutting generally barren qtz stringers throughout this section. Qtz vein at 145.4.												
		.												
		Below 150m: Crosscutting 1-3cm wide qtz veinlets, narrow 1-5mm calcite-filled fractures, and minor slips along kinks in foliation, all trend 30-45 to CA.												
		.												
		154.9 to 155.7: Ground and broken core. Fragments exhibit strong kinking. Fault gouge abundant throughout.												
		.												
		STRUCTURE: Upper fault zone contact 30 to CA, lower contact 50 to CA.												
		.												
		156.6: Similar 10-12cm wide gouge zone, to those above.												
		.												
		ALTERATION: Tr Sp, Gn, in 2cm wideqtz vein at 162.75.												
		.												
		STRUCTURE: Apparently crosscutting at 60 to CA near perpendicular to foliation.												
		.												
		163.5 to 164.05: Similar fault zone to that from 154.9-155.7.												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		.												
		176.85 to 177.50: 2cm wide qtz vein at approximately 5 to CA offset in places by minor faulting.												
		.												
		ALTERATION: 4-5% disseminated Py. Tr to <1% Sp present from 171.4-176.8, disseminated in places, and with Py along very rare foliation parallel bands <1cm wide.												
		.												
		STRUCTURE: Foliation 60-70 to CA.												
		.												
		177.5 to 200.6: Qtz eye dacite, faintly banded, moderately bleached sericitized. Relatively homogenous and uninspiring.												
		.												
		ALTERATION: 2-3% disseminated to occasionally <1mm wide banded Py.												
200.6	206.0	INTRUSIVE BRECCIA (Intrus. Breccia) - below 200.6, dacite strongly fractured at low angle to CA. Injected MUM material along fractures, and as narrow irregular walled dykes, crosscutting to subconcordant. Mafic material fine, dark green to black. Fracturing and concentration of mafic dykes highest from 203 to 205.3, with a few 1-2cm dykelets at 206.	203.75	205.25	1.50	370.000	95.000	1300.000	1.200	152.000	NIL	87.000	NIL	NIL
			205.25	205.70	0.45	660.000	340.000	2000.000	5.000	1650.000	NIL	NIL	NIL	NIL
		.												
		ALTERATION: MUM moderately Chl altered. Strong pervasive calcite alteration, tr magnetism in places. 2-3% fine-med. grained disseminated Py. Also 2-3% qtz stringers												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS										
			FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		foliation parallel to crosscutting from 203-205.3. 3-4% disseminated Py in dacite. Tr Sp present below 205.7.												
206	263.6	QID (QID) - similar to interval immediately above intrusive breccia, but with disseminated to fracture controlled banded Py and Sp, and tr Gn in some qtz stringers and with some Py-Sp seams.	205.70	206.70	1.00	575.000	270.000	4200.000	4.200	1250.000	NIL	NIL	NIL	NIL
		.	206.70	207.65	0.95	380.000	340.000	3100.000	5.400	1750.000	NIL	NIL	NIL	NIL
		ALTERATION: 3-5% disseminated to banded <1cm wide Py, up to 7-8% over 30cm intervals tr-1% Sp from 205.7-209.9 and from 212.7-215. Trace Gn locally within same intervals.	207.65	208.11	0.46	535.000	510.000	4400.000	6.000	1750.000	NIL	NIL	NIL	NIL
		.	208.11	209.32	1.21	660.000	510.000	3700.000	7.600	1750.000	NIL	NIL	NIL	NIL
		207.9: 10-15cm core length with 35-40% irregular walled fracture controlled qtz vein.	209.32	209.86	0.54	4140.000	115.000	2300.000	9.400	1050.000	NIL	NIL	NIL	NIL
		.	209.86	211.35	1.49	755.000	49.000	360.000	18.800	650.000	NIL	NIL	NIL	NIL
		ALTERATION: 2-3% Gn in qtz, tr-<1% Sp.	211.35	212.49	1.14	1870.000	74.000	540.000	27.000	350.000	NIL	NIL	NIL	NIL
		.	212.49	213.02	0.53	8490.000	41.000	1600.000	7.600	720.000	NIL	NIL	NIL	NIL
		Below 215: Sp, Gn largely disappear. Py primarily banded, foliation parallel mm to cm wide seams, and subconcordant to crosscutting fracture controlled 1-3mm wide seams, often ptygmatically folded.	213.02	213.76	0.74	2930.000	68.000	2000.000	26.000	1450.000	NIL	NIL	NIL	NIL
		.	213.76	214.26	0.50	2470.000	145.000	2800.000	30.000	1250.000	NIL	NIL	NIL	NIL
		ALTERATION: 3-5% Py, commonly to 5-7% over .5m intervals below 222m.	214.26	214.66	0.40	2950.000	102.000	4100.000	12.200	2050.000	NIL	NIL	NIL	NIL
		.	214.66	215.05	0.39	3260.000	73.000	880.000	19.000	450.000	NIL	NIL	NIL	NIL
			215.05	215.88	0.83	510.000	30.000	630.000	2.400	300.000	NIL	NIL	NIL	NIL
			215.88	217.13	1.25	320.000	37.000	330.000	1.400	141.000	NIL	NIL	NIL	NIL
			217.13	218.53	1.40	640.000	91.000	650.000	3.600	420.000	NIL	NIL	NIL	NIL
			218.53	219.20	0.67	220.000	24.000	280.000	0.800	79.000	NIL	NIL	NIL	NIL
			219.20	220.05	0.85	500.000	27.000	740.000	1.200	189.000	NIL	NIL	NIL	NIL
			220.05	221.00	0.95	330.000	78.000	860.000	2.000	360.000	NIL	NIL	NIL	NIL
			221.00	221.78	0.78	910.000	102.000	1450.000	3.600	480.000	NIL	NIL	NIL	NIL
			221.78	222.36	0.58	880.000	80.000	1050.000	2.400	490.000	NIL	NIL	NIL	NIL
			222.36	223.13	0.77	340.000	64.000	620.000	1.600	83.000	NIL	NIL	NIL	NIL
			223.13	224.00	0.87	140.000	38.000	450.000	1.000	191.000	NIL	NIL	NIL	NIL
			224.00	224.72	0.72	280.000	98.000	1900.000	3.400	630.000	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION
		STRUCTURE: Foliation 60-75 to CA, commonly 65-70.
		.
		226.2 to 234.25: Qtz eyes rare to absent. Otherwise no lithological or textural differences. Moderately-strongly banded due to alteration and sulphide seams.
		.
		ALTERATION: Tr Sp from 234.9-235.8 also at 237m, 240-241m, 244.50 with or within remobilized qtz rich streaks and lenses to 5mm wide.
		.
		STRUCTURE: Foliation 65-75 to CA, rarely to 60.
		.
		Apparently fragmental in part, but strongly deformed and sericite altered below about 253.5. Monlithic dacitic fragments fabric possibly, but unlikely,entirely tectonic in origin. 30cm of fine dacite crystal tuff at 260.9.
		.
		ALTERATION: Strongly bleached, sericitized. 3-5% primarily disseminated Py. Tr-1% Sph from 253.5-257.3, tr Sp at 263.55.
		.
		STRUCTURE: Foliation 65 to CA.

			ASSAYS							
FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
224.72	225.39	0.67	3240.000	71.000	1050.000	4.800	1550.000	NIL	NIL	NIL	NIL
225.39	226.05	0.66	2060.000	22.000	290.000	1.400	157.000	NIL	NIL	NIL	NIL
226.05	226.61	0.56	2610.000	84.000	174.000	17.000	210.000	NIL	NIL	NIL	NIL
226.61	227.96	1.35	1250.000	22.000	430.000	2.000	155.000	NIL	NIL	NIL	NIL
227.96	229.06	1.10	165.000	10.000	117.000	0.400	88.000	NIL	NIL	NIL	NIL
229.06	229.82	0.76	185.000	11.000	122.000	1.200	74.000	NIL	NIL	NIL	NIL
229.82	230.73	0.91	60.000	12.000	65.000	0.400	23.000	NIL	NIL	NIL	NIL
230.73	231.44	0.71	120.000	23.000	820.000	1.400	160.000	NIL	NIL	NIL	NIL
231.44	232.18	0.74	90.000	10.000	65.000	0.600	35.000	NIL	NIL	NIL	NIL
232.18	233.16	0.98	120.000	56.000	580.000	1.200	240.000	NIL	NIL	NIL	NIL
233.16	233.71	0.55	90.000	25.000	270.000	0.800	270.000	NIL	NIL	NIL	NIL
233.71	234.58	0.87	60.000	22.000	260.000	0.800	240.000	NIL	NIL	NIL	NIL
234.58	235.16	0.58	100.000	57.000	1950.000	1.400	940.000	NIL	NIL	NIL	NIL
235.16	236.03	0.87	330.000	109.000	5600.000	3.600	2350.000	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
81.00	-55.00	6.00
142.00	-54.00	7.50
203.00	-53.50	7.50
263.60	-52.00	10.00

			ASSAYS								
FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb

Nuinsco Resources Limited

DIAMOND DRILL LOG

PROPERTY: Richardson
HOLE No.: NR9631
Collar Eastings: -475.00
Collar Northings: -725.00
Collar Elevation: 10.00
Grid: Rich

Collar Inclination: -65.00
Grid Bearing: 0.00
Final Depth: 251.70 metres

Logged by: C.A. WAGG
Date: 16/04/96-18/04/96
Down-hole Survey: Sperry Sun

FROM	TO	LITHOLOGICAL DESCRIPTION
0	10.20	OVERBURDEN (OB) - casing.
10.20	22.8	QID (QID, mg-cg) - medium grey. Medium to coarse grained. 7-10% qtz eyes most <3mm diameter, rarely to 5mm. Up to 15% <2mm calcite crystals, after fsp? locally over 10-30cm intervals. 5-15% fine mafic silicates, Chl-biotite-amphibole. <1% calcite-rich crosscutting to subconcordant <1cm wide fracture filling stringers, with mm wide chloritized wallrock. . ALTERATION: Weak bleaching, in places resulting in weak banding from mm to cm wide, foliation parallel. 1-2% fine disseminated Py, tr Sp at 16.1 and 16.8, as small foliation parallel lenses. . STRUCTURE: Foliation 50-55 to CA, rarely to 60.
22.8	23.3	BEDDED CHERT (Bedded Chert) - very pale grey to grey white. Very fine grained. Individual beds <1cm wide. . ALTERATION: Tr-1% Py. .

			ASSAYS								
FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		STRUCTURE: Contacts and bedding/foliation 55 to CA.												
23.3	32.8	MAFIC AND INTERMEDIATE ASH AND CRYSTAL TUFFS (Maf. and Int. Ash and Crystal Tuffs, fg) - dark green and medium to dark grey-green. Fine to very fine grained. . 23.3 to 28.9: Fine grained mafic crystal tuff with very weak bedding/banding. Tr <1mm qtz eyes. 70-80% fine mafic silicates, mostly green amphibole; <1/4 biotite. Weakly magnetic throughout aside from interval from 25.95-26.45, which consists of 80% int. to dacitic ash beds to 2cm thick +/- minor chert. . ALTERATION: 1% fine disseminated Py. Weak pervasive calcite alteration. From 25.95-26.45, 1-2% fine disseminated Py. . STRUCTURE: Foliation 50-60 to CA, generally about 55. From 25.95-26.45, bedding/foliation 55 to CA. . ALTERATION: Below 26.45, 2-3% disseminated to fracture controlled mm-wide Py seams, with rare 1-2cm wide foliation parallel seams of disseminated Py, 1-2% <2mm garnets concentrated within occasional 10-15cm long intervals. . STRUCTURE: Foliation 55 to CA.												

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		.												
		28.9 to 30.6: Mafic-int. fine crystal tuff. Medium grey-green, weakly banded, with .5-1cm wide light grey beds. Spotted with 5% <2mm sausseritized Fsp crystals over 10cm at 29.6 and 30.5.												
		.												
		ALTERATION: Tr-1% fine disseminated Py.												
		.												
		STRUCTURE: Foliation/contacts 55 to CA.												
		.												
		30.6 to 32.8: Similar to interval from 26.45-28.9. Reasonably well banded, garnets common. Weakly magnetic.												
		.												
		ALTERATION: 2-3% disseminated Py above 31m, tr-1% within remainder. 2-3% garnet on average, 4-5% below 31.8m.												
		.												
		STRUCTURE: Contact at 55-60 to CA.												
30.6	36.4	INT.-FELSIC QTZ AND FSP CRYSTAL TUFF												
		(Int.-Felsic Qtz and Fsp Crystal Tuff) - light grey. Medium grained. Mottled with white and green-brown spots. 5-10% qtz eyes, commonly 2-3mm in diameter. Up to 7-8% Fsp crystals up to 2mm over 20-30cm intervals. 10-15%, 1-3mm crystals and clustered aggregates of amphibole and biotite.												
		.												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		ALTERATION: 1-3% fine disseminated Py. Weak pervasive calcite alteration with hairline fillings along rare fractures.												
		.												
		STRUCTURE: Foliation 50-60 to CA, averaging about 55.												
36.4	77.8	QID (QID, mg) - medium grey, medium grained. 5-10%	48.70	49.66	0.96	NIL	23.000	136.000	NIL	NIL	NIL	NIL	NIL	NIL
		1-5mm qtz eyes, <10% fine mafic silicates.	49.66	50.25	0.59	65.000	191.000	151.000	1.400	8.000	NIL	NIL	NIL	NIL
		Occasionally with 5-10% calcite altered Fsp phenocrysts	59.86	60.37	0.51	NIL	11.000	89.000	NIL	NIL	NIL	NIL	NIL	NIL
		over 10-20cm long intervals. Weakly-mod. banded with	60.88	61.49	0.61	15.000	39.000	181.000	0.200	NIL	NIL	NIL	NIL	NIL
		common <1cm wide foliation parallel zones of bleaching	74.58	75.05	0.47	5.000	42.000	220.000	NIL	NIL	NIL	NIL	NIL	NIL
		and hairline calcite fillings along randomly oriented fractures.	75.05	75.72	0.67	15.000	12.000	154.000	0.400	NIL	NIL	NIL	NIL	NIL
		1-2cm wide subconcordant qtz veinlets with minor Chl, tr-1%	75.72	76.05	0.33	NIL	32.000	127.000	NIL	4.000	NIL	NIL	NIL	NIL
		Py occur at 55.2, 56.55, 59.2, 59.3, 59.45, 59.6, and 59.9.	76.05	76.66	0.61	10.000	8.000	47.000	0.400	NIL	NIL	NIL	NIL	NIL
		-unsampled.	76.66	77.35	0.69	NIL	12.000	148.000	0.200	NIL	NIL	NIL	NIL	NIL
		.												
		ALTERATION: 1-3% fine disseminated Py. Weak pervasive calcite alteration. 5-7cm wide qtz-calcite-Sp-Chl shear related? veinlet at 50.05 -10% Sp over 25cm.												
		.												
		STRUCTURE: Foliation 50-60 to CA.												
		.												
		60.17 to 60.3: Foliation parallel to subconcordant qtz vein, with 1-2% disseminated Chl +/- amphibole.												
		.												
		ALTERATION: 1-2% disseminated Py.												
		.												
		STRUCTURE: Contacts, foliation 50-55 to CA.												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		.												
		60.85 to 61.35: Moderately-strongly bleached, banded, weakly sheared? with 3-5% vein qtz and moderate pervasive k-spar alteration below 60.1.												
		.												
		ALTERATION: 1-2% fine disseminated Py.												
		.												
		STRUCTURE: Foliation 55 to CA.												
		.												
		61.35 to 65.9: Similar to interval from 36.4-60.85 but <3% qtz eyes. 3-5% calcite altered Fsp.												
		.												
		ALTERATION: Tr-1% fine disseminated Py.												
		.												
		STRUCTURE: Well banded at top of interval, foliation 55 to CA.												
		.												
		65.9 to 74.6: 8-10% qtz eyes, tr Fsp. K-spar commonly present within bleached bands. Mod.-strong pervasive k-spar alteration from 66.9-67.55, from 71.85-73.0 and with 10-15% disseminated mafic silicates.												
		.												
		ALTERATION: 1-2% fine disseminated Py.												
		.												
		STRUCTURE: Foliation 50-55 to CA.												
		.												
		74.6 to 77.8: 5% vein qtz, ranging from cm wide contorted and crosscutting stringers, to 10cm wide foliation parallel												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		to subconcordant veins at 75.8, 77.3, with a single large vein from 76.1-76.65. . ALTERATION: 2-3% fine disseminated Py overall. 5-7% amphibole and chlorite, 1-2% fine-med. grained disseminated Py, tr calcite.												
77.8	78.2	MAFIC DYKE (Maf. Dyke) - fine-med. grained. Dark green. Gabbroic in appearance, non-magnetic. 60% amphibole +/- tr Pyx, 40% calcic plagioclase. . ALTERATION: Mod.-strong pervasive Chl-calcite alteration, tr Py. . STRUCTURE: Top contact 55 to CA, subconcordant. Lower contact at 45 to CA, crosscutting and near perpendicular to foliation in dacites.												
78.2	120.5	QID (QID) - similar to interval from 36.4-77.8, Fsp crystals very rare. Banded due to 3-5%, 5cm wide foliation parallel bleached zones, usually accompanied by some k-spar. . ALTERATION: 2-3% fine disseminated Py. Pervasive k-spar alteration present within bleached bands. . STRUCTURE: Foliation 50-60 to CA.	96.60	97.17	0.57	20.000	120.000	199.000	0.400	NIL	NIL	NIL	NIL	NIL
			115.90	116.70	0.80	175.000	86.000	136.000	2.400	NIL	NIL	NIL	NIL	NIL
			117.32	118.22	0.90	40.000	26.000	330.000	1.000	5.000	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS									
			FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		.												
		86.55 to 88.0: Strong pervasive k-spar replacement of generally all constituents except qtz eyes. Weak-mod. and patchy or sporadic below 88.0m.												
		.												
		ALTERATION: 1-2% fine disseminated Py.												
		.												
		STRUCTURE: Foliation 50-55 to CA.												
		.												
		92.0 to 96.6: Generally with only 3-5% <3mm qtz eyes, and a fine pale grey groundmass.												
		.												
		ALTERATION: 1-2% fine disseminated Py, minor calcite, restricted to fractures.												
		.												
		STRUCTURE: Foliation 55 to CA.												
		.												
		96.6 to 98.25: 80% interbedded tuffaceous mafic-intermediate material. Dark grey to grey-green, fine grained, reasonably well banded, probably weakly sheared, with 2-3% sausseritized Fsp phenocrysts, usually <2mm in diameter.												
		.												
		ALTERATION: 1-2% fine disseminated Py with 3-4% very fine dissemination over lowermost 30-40cm. <1mm wide hematite coatings, commonly with minor calcite are present along late fractures.												
		.												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		STRUCTURE: Contacts 45-50 to CA. Foliation 50 to CA. Minor movement likely along foliation parallel to subconcordant fractures.												
		.												
		98.25 to 120.5: Med.-coarse qtz eye dacite tuff. Similar to interval from 78.2-86.55, with a .5 to 2cm wide subconcordant zone of fault gouge at 98.57.												
		.												
		ALTERATION: 2-3% fine disseminated Py. Weak pervasive k-spar alteration of groundmass from 105.95-111.3, with strong ksp over 20-30cm at 108.15 and 109.0. 1-5mm foliation parallel fracture controlled seam of Sp at 110.90.												
		.												
		STRUCTURE: Foliation 50-60 to CA, averaging about 55.												
		.												
		Weakly banded due to .5 to 1cm wide foliation parallel bleached bands and rare 1-5cm wide qtz veinlets from 115.0-116.55.												
		.												
		ALTERATION: 3-4% fine disseminated Py.												
		.												
		STRUCTURE: Foliation 55 to CA.												
		.												
		Contains an irregular walled intersection of a gabbroic dyke over 30-40cm at 118.0, non-magnetic.												
		.												
		ALTERATION: 1-2% fine Py. Weak-mod. pervasive Chl-calcite alteration. Calcite stringers with wallrock chloritization over <1cm along contacts.												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		. STRUCTURE: Unfoliated. Contacts irregular. Stringers and alteration suggest minor movement along contacts.												
120.5	122.0	INTERBEDDED CHERT AND FINE MAFIC INT. ASH AND CRYSTAL TUFFS (Interbedded Chert and Fine Maf. Int. Ash and Crystal Tuffs) - approximately 1/3 of each unit as 10-35cm intervals with intercalated mm to cm thick beds at contacts. Chert, fine pale grey to creamy white. Bedded on cm scale. Int. crystal tuff fine, pale-med. grey, very weakly sericitized with <2mm bands of Py along contacts between individual 1-2cm thick beds. Mafic ash unit dark grey, fine, with individual beds 3-10cm thick. Py disseminated to mm scale bands, med. grained at lower contact. . ALTERATION: 3-4% fine disseminated Py overall, with up to 15-20% over 10cm in several mafic ash intervals from 121.1-122.0. . STRUCTURE: Contacts 53-55 to CA. Foliation 50-60 to CA generally between 50 and 55. Lower contact defined by weak colour change and heavy Py mineralization.	120.39	121.10	0.71	305.000	156.000	750.000	6.600	NIL	NIL	NIL	NIL	NIL
			121.10	121.59	0.49	160.000	280.000	330.000	3.400	NIL	NIL	NIL	NIL	NIL
122.0	127.95	INTERMEDIATE CRYSTAL TUFF (Int. Crystal Tuff) - fine-med. grained, dark grey. No qtz eyes. <30%	121.59	122.09	0.50	80.000	57.000	126.000	1.200	NIL	NIL	NIL	NIL	NIL
			126.20	126.70	0.50	105.000	6.000	77.000	0.600	NIL	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION
		fine mafic silicates mostly as <1mm clusters of amphibole, biotite, +/- chlorite, remainder fine pale grey Fsp. Gradation into int.-felsic material -<20% mafic silicates-below about 125m.
		.
		ALTERATION: 1-2% fine disseminated Py. Unit well fractured to banded, resealed with mm wide calcite coatings below 123.5. Brecciated to shattered from about 126.15-128.95. Well fractured above 130.6.
		.
		STRUCTURE: Foliation 50-60 to CA.
		.
		COMMENTS: 123.5-130.6, zone of "brittle shear" with actual fault gouge over 10-15cm at 128.3. Orientation foliation parallel to subconcordant.
		.
		126.35 to 126.88: Shattered to brecciated qtz vein. Randomly oriented fractures.
		.
		ALTERATION: Tr Py. Minor Chl and calcite along fractures.
		.
		STRUCTURE: Contacts 25-30 to CA. Lower contact broken due to minor movement.
		.
		126.88 to 127.95: Strongly chloritized, trace k-spar. Foliation largely overprinted by brecciation.
		.
		ALTERATION: 3-5% fine disseminated Py. Calcite sealing

ASSAYS

FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
126.70	127.20	0.50	80.000	3.000	52.000	0.600	NIL	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	FROM	TO	WIDTH	ASSAYS Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		fractures.												
127.95	131.6	QID (QID) - similar to interval from 78.2-120.5. Brecciated above 128.95, shattered above 130.6. Fault gouge over 10-15cm at 128.3. . ALTERATION: Py variable from 1-2% to 3-5% over .5m. Strong pervasive k-spar alteration above 129.65. . STRUCTURE: Foliation obscured within breccia/fault zone. . 128.38 to 129.05: Fracturing defines a fault related fabric oriented CA parallel to 30 to CA. . STRUCTURE: Foliation variable from 45-60 from 129.40-130.6. . 129.05: Abrupt transition back to country rock foliation at 55 to CA. . ALTERATION: 131.4-131.6, weakly sheared, bleached with a few foliation parallel qtz stringers. Shear at lower contact at 55-65 to CA. . STRUCTURE: Foliation 55-60 to CA from 130.6-131.6.												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
131.6	140.97	MAFIC METAVOLCANICS (Maf. Metavolcanics) - fine grained. Dark green, occasionally streaked with indistinct brownish bands <2cm wide, presumably due to metamorphism/alteration. Porphyritic in places, but may also include tuffaceous material. 80%? amphibole, biotite,and chlorite. 20-30% fine Fsp. Above 135m, 2-3% sausseritized Fsp phenocrysts rarely to .8cm diameter. 1-2% phenocrysts present above 137.3. . ALTERATION: 2-3% fine disseminated Py on average, up to 3-5% over .9m at 137.7m. Weakly banded in places with biotitic bands to 2cm wide. . STRUCTURE: Foliation 55 to CA. . 139.78 to 140.0: Crosscutting qtz vein. . ALTERATION: 1-2% Py. Minor coarse grained Py along top contact. Tr Py elsewhere. . STRUCTURE: Top contact 20 to CA, lower contact at 25 to CA.	137.28	138.18	0.90	560.000	95.000	1400.000	4.200	12.000	NIL	NIL	NIL	NIL
			139.72	140.12	0.40	35.000	52.000	310.000	0.800	NIL	NIL	NIL	NIL	NIL
140.97	207.7	QID (QID) - similar to interval from 36.4-77.8. Moderately banded due to moderate-strong bleaching and sericitization. Foliation commonly weakly kinked. Grades into flaser sheared -possibly fragmental-dacite, moderately bleached	144.35	145.17	0.82	65.000	12.000	118.000	0.600	33.000	NIL	NIL	NIL	NIL
			145.67	146.35	0.68	255.000	33.000	320.000	0.600	27.000	NIL	NIL	NIL	NIL
			147.15	148.10	0.95	85.000	31.000	750.000	0.200	42.000	NIL	NIL	NIL	NIL
			148.10	149.48	1.38	280.000	16.000	240.000	0.800	52.000	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION
		and sericitized from 153-159m.
		.
		ALTERATION: 3-4% fine disseminated Py. Mod.-strong
		bleaching, sericite alteration, with very weak pervasive
		k-spar alteration. Rare narrow qtz-calcite stringers have
		1-2mm chloritized contacts. Tr garnet at top contact, 3-4%
		garnet in places from 141.5-150.7. 1-2% garnet present
		from 150.7-153.5.
		.
		STRUCTURE: Foliation variable from 45-60 to CA, commonly
		50-55 to CA.
		.
		159 to 162.5: Mod.-strongly bleached, sericitized, banded,
		commonly weakly kinked. 2-3% <3mm qtz eyes, with rare
		crosscutting qtz stringers 1-2cm wide with a few percent Py,
		developed nearly perpendicular to foliation. Very weakly
		fractured -unidentified dark green material.
		.
		ALTERATION: 3-5% Py disseminated to thinly banded.
		Tr Sp +/- lesser Gn +/- lesser Cp noted
		at 151.2, 152.2. 155.15, associated with late crosscutting
		fractures with mm scale coatings of calcite and talc?
		3-5% Gnt. rarely to 3mm diameter from
		153.5-167m, fine <1mm below 164m.
		.
		Below 162.5: 5-7% generally 2-3mm diameter qtz eyes.
		Foliation occasionally weakly kinked, lesser Py, primarily
		disseminated. Remains strongly deformed, but no flaser

ASSAYS										
FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
149.48	149.98	0.50	60.000	10.000	195.000	0.400	46.000	NIL	NIL	NIL	NIL
151.20	152.02	0.82	15.000	26.000	1050.000	1.200	108.000	NIL	NIL	NIL	NIL
152.02	152.68	0.66	75.000	47.000	940.000	0.400	220.000	NIL	NIL	NIL	NIL
152.68	153.50	0.82	50.000	46.000	350.000	NIL	24.000	NIL	NIL	NIL	NIL
153.50	154.20	0.70	55.000	24.000	65.000	NIL	7.000	NIL	NIL	NIL	NIL
154.20	155.04	0.84	100.000	24.000	560.000	1.000	165.000	NIL	NIL	NIL	NIL
155.04	155.32	0.28	40.000	55.000	4500.000	1.000	1200.000	NIL	NIL	NIL	NIL
155.32	156.49	1.17	80.000	60.000	920.000	1.000	41.000	NIL	NIL	NIL	NIL
156.49	156.97	0.48	30.000	38.000	280.000	NIL	37.000	NIL	NIL	NIL	NIL
158.49	159.28	0.79	55.000	12.000	320.000	NIL	28.000	NIL	NIL	NIL	NIL
159.28	159.99	0.71	95.000	12.000	82.000	NIL	13.000	NIL	NIL	NIL	NIL
159.99	160.85	0.86	50.000	13.000	400.000	NIL	16.000	NIL	NIL	NIL	NIL
160.85	161.47	0.62	105.000	9.000	550.000	NIL	21.000	NIL	NIL	NIL	NIL
161.47	162.25	0.78	15.000	20.000	240.000	NIL	32.000	NIL	NIL	NIL	NIL
162.25	162.67	0.42	1420.000	13.000	2200.000	0.600	27.000	NIL	NIL	NIL	NIL
162.67	163.30	0.63	185.000	12.000	127.000	0.400	24.000	NIL	NIL	NIL	NIL
163.30	163.94	0.64	420.000	53.000	1350.000	2.400	580.000	NIL	NIL	NIL	NIL
163.94	164.79	0.85	60.000	13.000	135.000	0.600	54.000	NIL	NIL	NIL	NIL
164.79	165.44	0.65	75.000	25.000	110.000	1.000	39.000	NIL	NIL	NIL	NIL
165.44	166.12	0.68	155.000	18.000	109.000	1.000	67.000	NIL	87.000	NIL	NIL
166.12	167.62	1.50	110.000	22.000	680.000	4.000	480.000	NIL	NIL	NIL	NIL
167.62	168.39	0.77	45.000	34.000	58.000	0.600	36.000	NIL	NIL	NIL	NIL
172.26	173.07	0.81	210.000	36.000	720.000	2.000	350.000	NIL	NIL	NIL	NIL
173.07	173.49	0.42	340.000	34.000	720.000	0.800	175.000	NIL	NIL	NIL	NIL
173.49	174.20	0.71	115.000	21.000	106.000	0.400	44.000	NIL	NIL	NIL	NIL
178.60	179.45	0.85	420.000	22.000	1500.000	1.000	61.000	NIL	NIL	NIL	NIL
180.66	181.60	0.94	40.000	12.000	570.000	0.600	55.000	NIL	NIL	NIL	NIL
181.95	182.85	0.90	315.000	9.000	158.000	0.600	18.000	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION
		fabric. Banded on mm scale due to sericite along foliation planes.
		.
		ALTERATION: Fracture controlled foliation parallel Sp seam <2mm wide at 162.35. Tr Gn also occurs with "coarse" Py in strongly sericitized interval at 163.8. 3-4% very fine disseminated Py below 164.25. Tr Sp disseminated at 165.7, 181.2.
		.
		STRUCTURE: Foliation 55 to CA, commonly weakly kinked above 160.5. Foliation 50 to 60 rarely 65, averaging 55 to CA.
		.
		Commonly weakly kinked, moderately bleached sericitized from about 182-193.5.
		.
		ALTERATION: 1-2% Gnt. present from 183.0-199.25.
		.
		STRUCTURE: Foliation 55 to CA.
		.
		193.5 to 207.7: Less deformed than overlying rocks. Moderately bleached, sericitized with 3-4% disseminated to banded Py and tr disseminated to fracture controlled seams of Sp.
		.
		ALTERATION: Tr Cp with 1-2cm wide foliation parallel Py Sp calcite seam at 183.0. 193.5 -207, 3-4% fine disseminated Py. No banding bleaching and sericite pervasive homogeneous.

ASSAYS

FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
182.85	183.14	0.29	1590.000	570.000	8700.000	6.000	270.000	NIL	NIL	NIL	NIL
183.14	184.10	0.96	4530.000	51.000	960.000	2.200	97.000	NIL	NIL	NIL	NIL
186.42	187.70	1.28	220.000	15.000	129.000	0.400	16.000	NIL	NIL	NIL	NIL
187.70	188.29	0.59	90.000	10.000	102.000	0.400	12.000	NIL	NIL	NIL	NIL
188.29	188.86	0.57	135.000	57.000	890.000	0.600	16.000	NIL	NIL	NIL	NIL
190.62	191.23	0.61	365.000	30.000	1350.000	0.400	17.000	NIL	NIL	NIL	NIL
191.23	192.30	1.07	440.000	23.000	260.000	0.600	18.000	NIL	NIL	NIL	NIL
192.30	193.08	0.78	2610.000	44.000	1450.000	1.800	19.000	NIL	NIL	NIL	NIL
193.08	194.51	1.43	205.000	28.000	400.000	0.600	34.000	NIL	NIL	NIL	NIL
194.51	195.21	0.70	150.000	31.000	1600.000	0.600	20.000	NIL	NIL	NIL	NIL
196.90	197.21	0.31	380.000	51.000	5200.000	0.800	15.000	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		. STRUCTURE: Foliation 55 to CA.												
207.7	210.5	DACITE AND MAFIC TO ULTRAMAFIC INTRUSIVE BRECCIA (Dacite and MUM Intrus. Breccia, fg) - essentially a continuation of the previous unit with about 30% injected fine grained, dark green mafic-ultramafic intrusive material. Apparently a number of narrow, irregular walled fracture controlled dykes, subconcordant to crosscutting, 10 to perhaps 50cm wide. Consisting predominantly of amphibole, chlorite, and serpentine. . ALTERATION: Mod.-strong chlorite and serpentine alteration. Biotitic alteration over <1cm in places at intrusive-dacite contacts. 3-4% fine disseminated Py, most from the dacite. . STRUCTURE: Very weakly foliated in places, largely along subconcordant dykes and conformable to enclosing rocks at approximately 55 to CA. . COMMENTS: Very little cross contact contamination or hybridization.	207.60	208.70	1.10	20.000	69.000	1450.000	0.500	480.000	NIL	169.000	NIL	NIL
			208.70	209.52	0.82	35.000	33.000	1050.000	0.300	490.000	NIL	90.000	NIL	NIL
210.5	227.75	MINERALIZED UM INTRUSIVE (Min. UM Intrus.) - see notes by F. Puskas.	209.52	210.92	1.40	55.000	28.000	620.000	0.300	83.000	NIL	76.000	NIL	NIL
			210.92	211.25	0.33	40.000	53.000	450.000	0.200	191.000	NIL	104.000	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION
		.
		210.5 to 212.1: Continuous interval of fine MUM intrusive with two 10-15cm medium grained intervals resembling an altered ol or pyx gabbro with <10% Ca-Fsp.
		.
		ALTERATION: 1% fine disseminated Py, non-magnetic with minor coarse Py adjacent to two <1cm wide qtz stringers at 211.3.
		.
		STRUCTURE: Non-foliated.
		.
		212.1: Fault gouge and ground contact with dacite inclusion? 25-30cm of dacite recovered. Lower contact at 213? broken, some ground.
		.
		COMMENTS: 212.1-214.7, approximately 1.5m of core recovered material ground at three contacts.
		.
		214.5?: Ground contact with coarse grained "pyroxenite". Recovered core includes some fault gouge. Presumably an intrusive contact rather than gradational owing to lack of med. grained material.
		.
		ALTERATION: Strong serpentinization, weak pervasive chloritization. Cp-rich zone within heavily disseminated material from 221.1-222.0. 10-12% Cp, 30-40% Po. Massive 5cm "bleb" of Cp present at base of upper mass. interval.

ASSAYS

FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
211.25	212.05	0.80	10.000	36.000	1900.000	NIL	630.000	NIL	176.000	NIL	NIL
212.05	213.35	1.30	55.000	65.000	1050.000	0.200	1550.000	NIL	192.000	NIL	NIL
215.20	216.70	1.50	84.000	580.000	76.000	1.200	157.000	78.000	1300.000	70.000	352.000
216.70	217.44	0.74	260.000	1700.000	50.000	1.500	210.000	174.000	3000.000	355.000	1180.000
217.44	218.20	0.76	306.000	5000.000	102.000	5.800	155.000	200.000	4100.000	320.000	1040.000
218.20	219.30	1.10	1210.000	2000.000	44.000	1.600	88.000	98.000	2700.000	350.000	1080.000
219.30	219.76	0.46	736.000	4300.000	66.000	3.500	74.000	178.000	2600.000	690.000	2080.000
219.76	220.23	0.47	912.000	7700.000	118.000	7.000	23.000	230.000	3900.000	910.000	2380.000
220.23	221.24	1.01	0.090	1.200	0.020	13.600	160.000	0.062	2.110	5.320	9.660
221.24	222.40	1.16	1.080	5.350	0.060	50.600	35.000	0.055	2.030	4.690	14.200
222.40	223.35	0.95	NIL	0.590	NIL	7.300	240.000	0.167	4.820	3.290	6.790
223.35	224.24	0.89	1.530	4.460	0.060	34.400	270.000	0.069	1.580	2.030	6.160
224.24	225.21	0.97	0.360	0.770	0.010	8.700	240.000	0.042	1.340	1.470	4.550
225.21	225.62	0.41	39.900	1.360	0.050	15.400	940.000	0.057	0.700	1.470	2.870
225.62	226.11	0.49	NIL	0.210	NIL	3.800	2350.000	0.086	2.780	2.870	6.580
226.11	226.60	0.49	0.810	1.800	0.030	16.900	NIL	0.135	2.490	2.450	6.580
226.60	227.53	0.93	0.720	1.900	0.040	19.200	NIL	0.086	2.790	3.290	8.610

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS										
			FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		.												
		STRUCTURE: At top 50-80% subhedral 2-4mm pyroxene phenocrysts, tr-1% Py plus Po, with the remainder serpentine rich groundmass. Grades downward to 10-15% <2mm Pyx p-crysts, remainder groundmass. Heavily mineralized material 35-40% Pyx +/-Ol phenocrysts, 10-15% groundmass. See Log.												
227.75	230.75	**QID (QID)** - similar to interval from 140.97-207.7. 1-2% foliation parallel qtz stringers to 3cm wide. 3-5% <3mm qtz eyes.	227.53	227.93	0.40	2.970	4.580	0.110	62.500	NIL	0.522	0.340	3.060	6.790
		.	227.93	228.13	0.20	0.270	0.990	0.050	6.000	NIL	0.002	0.060	0.210	0.420
		ALTERATION: Strongly bleached, sericitized. 1-3% very fine disseminated Py, tr Sp above 229. Very rare traces of fine fracture controlled to disseminated Cp, Gn.	228.15	229.03	0.88	925.000	190.000	1100.000	2.400	860.000	NIL	NIL	NIL	NIL
		.	229.03	230.13	1.10	265.000	640.000	1850.000	1.200	880.000	NIL	NIL	NIL	NIL
		STRUCTURE: Foliation at top contact weak due to thermal mm. Contact 65-70 to CA. Foliation at 228m 65 to CA, 70-75 to CA at 228.5.												
230.75	236.25	**MUM INTRUSIVE (MUM Intrus.)** - similar to interval from 210.5-212.1, but slightly coarser grained. Non-magnetic. Essentially pyroxenite. Top contact contorted "flame structures" of intrusive into dacite. Unit appears to fine downward. Inclusion? of dacite over 40-45cm at 234.7. Body crosscuts and distorts foliation.	230.13	231.14	1.01	625.000	109.000	1050.000	2.200	1300.000	NIL	NIL	NIL	NIL
		.												

FROM	TO	LITHOLOGICAL DESCRIPTION	ASSAYS										
			FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
		ALTERATION: 3-4% fine-med. grained disseminated Py. Moderately calcite altered throughout. Olivine serpentinized if present. Strong biotite alteration of intrusive at top contact.												
		.												
		STRUCTURE: 50-65 to CA from 228.5-230.5. Weakly foliated at 55-60 to CA concordant with country rock foliation. Lower contact 20-25 to CA.												
		.												
		COMMENTS: Two species of Po present. One oxidizing quickly, subordinate and associated with Cp stringers and coarse blebs. Both species magnetic. Gangue "fresh" olivine within lowermost section of interval.												
236.25	251.7	QID (QID) - similar to interval from 227.75-230.75. Unit well fractured, banded due to bleaching, and with Py seams to 2mm.	235.82	236.58	0.76	175.000	80.000	1150.000	0.400	162.000	NIL	NIL	NIL	NIL
			236.58	237.14	0.56	145.000	39.000	790.000	1.000	690.000	NIL	NIL	NIL	NIL
			237.14	238.23	1.09	265.000	17.000	155.000	0.800	300.000	NIL	NIL	NIL	NIL
		.		238.23	239.01	0.78	350.000	51.000	1350.000	1.200	740.000	NIL	NIL	NIL	NIL
		ALTERATION: Strongly bleached, sericitized. 4-6% disseminated to banded fracture controlled Py seams, locally to 7-8% over .5m. Tr-1% Sp. Tr Gn, Cp in places, very finely disseminated and along fractures with Py, minor Sp.	239.01	239.50	0.49	1300.000	370.000	6200.000	5.400	3000.000	NIL	NIL	NIL	NIL
			239.50	240.12	0.62	1430.000	47.000	1350.000	1.400	700.000	NIL	NIL	NIL	NIL
			240.12	241.27	1.15	270.000	13.000	480.000	NIL	260.000	NIL	NIL	NIL	NIL
			241.27	242.17	0.90	270.000	12.000	210.000	0.400	123.000	NIL	NIL	NIL	NIL
			242.17	242.77	0.60	40.000	6.000	41.000	NIL	34.000	NIL	NIL	NIL	NIL
		.	242.77	243.42	0.65	150.000	69.000	1350.000	1.600	310.000	NIL	NIL	NIL	NIL
		236.6 to 236.97: Contorted subconcordant qtz veining with numerous thin inclusions of sheared wallrock.	243.42	244.36	0.94	175.000	18.000	106.000	0.400	70.000	NIL	NIL	NIL	NIL
			244.36	245.19	0.83	35.000	11.000	107.000	0.600	37.000	NIL	NIL	NIL	NIL
		.	245.19	245.91	0.72	50.000	20.000	101.000	0.800	48.000	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION
		ALTERATION: Tr-1% Gn, tr Py.
		.
		STRUCTURE: Foliation 50-65 to CA.
		.
		237.75 to 238.65: Long CA parallel fracture with calcite and aphanitic black -intrusive related? material over .5-1cm width.
		.
		STRUCTURE: Foliation 55-60 to CA.
		.
		242.15 to 242.75: 75% subconcordant to crosscutting qtz veining.
		.
		ALTERATION: 1-2% Py, some as coarse aggregates.
		.
		Foliation weakly kinked at around 247.4.
		.
		ALTERATION: 3-5% Py, primarily disseminated below 248.50.
		.
		1-2cm wide crosscutting qtz vein at 249.75, fractured perpendicular to contacts and filled with calcite.
		.
		STRUCTURE: Foliation at end of hole 60-65 to CA.

			ASSAYS								
FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
245.91	246.92	1.01	35.000	10.000	130.000	0.800	48.000	NIL	NIL	NIL	NIL
246.92	248.17	1.25	30.000	14.000	96.000	NIL	16.000	NIL	NIL	NIL	NIL
248.17	249.42	1.25	40.000	18.000	149.000	0.400	67.000	NIL	NIL	NIL	NIL
249.42	250.71	1.29	40.000	26.000	177.000	0.400	58.000	NIL	NIL	NIL	NIL
250.71	251.70	0.99	95.000	27.000	114.000	0.200	11.000	NIL	NIL	NIL	NIL

FROM	TO	LITHOLOGICAL DESCRIPTION

DOWN-HOLE SURVEY DATA

DEPTH	INCLINATION	BEARING
60.00	-63.00	3.00
150.00	-61.00	5.00
251.70	-60.50	12.00

			ASSAYS								
FROM	TO	WIDTH	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb

APPENDIX IV

EXPLORATION DATA

ASSAY CERTIFICATES

NUINSCO RESOURCES LTD.			SAMPLE RECORD							HOLE #	NR-96-22
Sample #	From (m)	To (m)	Length(m)	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm	Ni ppm	Pt ppb	Pd ppb
73887	38.75	39.15	0.4	<5	17	63	0.2	7				
73888	48.44	48.87	0.43	10	30	136	0.2	<1				
73889	48.87	49.67	0.8	45	119	920	0.6	<1				
73890	49.67	50	0.33	<5	50	87	0.3	<1				
73891	52.3	52.72	0.42	<5	108	66	0.7	<1				
73892	68.23	68.5	0.27	<5	3	1300	<0.2	<1				
73893	68.5	69.3	0.8	<5	8	109	<0.2	<1				
73894	97.32	97.72	0.4	<5	58	111	0.2	<1				
73895	97.72	98.25	0.53	20	70	75	0.3	5				
73896	114.8	115.42	0.62	5	67	86	0.2	<1				
73897	117.02	117.3	0.28	10	98	315	0.6	5				
73898	119.3	121.5	2.2	10	79	84	1	8				
73899	121.5	122.27	0.77	<5	49	1150	0.2	6				
73900	150.2	150.8	0.6	10	52	510	0.3	<1				
73901	150.8	151.2	0.4	30	48	225	0.2	<1				
73902	151.2	151.54	0.34	35	156	7400	1.2	<1				
73903	151.54	152.3	0.76	<5	21	255	0.5	<1				
73904	152.3	152.98	0.68	<5	33	300	0.2	<1				
73905	156.98	157.29	0.31	65	50	4300	1.7	<1				
73906	157.29	157.71	0.42	55	77	8000	2.2	<1				
73931	157.71	158.7	0.99	10	34	660	0.8	<1				
73907	158.7	159.2	0.5	<5	33	128	0.5	<1				
73908	159.2	160	0.8	15	128	710	1.5	<1				
73909	160	160.93	0.93	205	110	1800	17.4	<1				
73910	163.51	164.15	0.64	220	47	2500	9.2	<1				
73911	165.36	166.1	0.74	95	45	2100	4.4	<1				
73912	166.1	166.87	0.77	300	76	3000	8	<1				
73913	166.87	167.31	0.44	35	52	3700	0.9	<1				
73914	167.31	168.43	1.12	40	26	2600	0.7	<1				
73915	168.43	168.91	0.48	140	32	1300	1.4	<1				
73916	168.91	169.47	0.56	125	101	10000	4.2	<1				
73917	169.47	170.07	0.6	50	45	4750	2.2	<1				
73918	172.63	173.1	0.47	60	99	6500	2.9	<1				
73919	174.64	174.91	0.27	710	335	2.17%	33	<1				

Sample #	From (m)	To (m)	Length(m)	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm	Ni ppm	Pt ppb	Pd ppb
73920	174.91	175.2	0.29	45	45	3200	3.2	<1				
73921	176.5	177.06	0.56	80	108	6500	4.5	<1				
73922	177.06	177.73	0.67	65	64	2550	3.5	<1				
73923	177.73	178.3	0.57	120	49	520	2.1	<1				
73924	178.3	178.81	0.51	125	50	3150	4.3	<1				
73925	178.81	179.17	0.36	45	85	1950	1.2	<1				
73926	179.75	180.05	0.3	130	79	3200	4	<1				
73927	180.95	181.43	0.48	85	117	4400	2.3	2				
73928	182.32	183.8	1.48	25	27	660	1.1	7				
73929	183.8	184.86	1.06	50	20	310	0.6	7				
73930	184.86	185.56	0.7	70	30	1550	1.3	3				
73932	191.88	192.38	0.5	125	29	2300	2.2	<1				
73933	196.65	198.03	1.38	<0.5	27	540	0.4	<1				
73934	198.03	198.89	0.86	30	10	210	0.8	<1				
73935	198.89	199.6	0.71	25	11	184	0.7	<1				
73936	199.6	200.12	0.52	15	11	440	0.8	<1				
73937	200.12	200.75	0.63	40	8	130	0.7	<1				
73938	205.7	206.2	0.5	340	78	2900	3.1	<1				
73939	207	207.76	0.76	195	62	425	1.9	16				
73940	207.76	208.27	0.51	320	50	1300	2.8	<1				
73941	218.38	219.18	0.8	50	19	210	0.6	8				
73942	219.18	219.56	0.38	395	56	1150	1.8	8				
73943	219.56	219.8	0.24	1700	300	1.39%	6	9				
73944	219.8	220.14	0.34	55	20	190	0.4	10				
73945	220.14	220.48	0.34	1730	270	3600	5.8	15				
73946	220.48	220.74	0.26	1880	120	7000	5	3				
73947	220.74	221.23	0.49	300	33	240	2	5				
73948	221.23	221.94	0.71	240	46	220	1.6	4				
73949	221.94	222.71	0.77	90	43	186	0.8	5				
73950	222.71	223.19	0.48	395	42	210	3.2	<1				
73001	223.19	223.51	0.32	1750	1350	2.50%	52	16				
73002	223.51	224.18	0.67	750	280	290	4	12				
73003	224.18	224.69	0.51	150	51	370	1.2	3				
73004			0	345	17	140	2.2	2				
73005	229.4	230.23	0.83	75	24	134	1	0				

Sample #	From (m)	To (m)	Length(m)	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm	Ni ppm	Pt ppb	Pd ppb
73006	278.2	278.8	0.6	20	30	101	0.4	0				
73007	278.98	279.53	0.55	65	38	89	0.6	3				
73008	288.22	289	0.78	10	48	230	0.4	3				
73009	289	289.85	0.85	25	60	250	0.6	0				
73010	291	291.95	0.95	510	96	1000	3.4	3				
73011	294.1	294.4	0.3	65	55	370	0.8	6				
73012	294.4	294.7	0.3	860	95	470	3	4				
73013	296.34	296.66	0.32	7780	94	2800	6.8	52				
73014	296.66	297.1	0.44	8180	21	670	58	8				
73015	297.1	298.25	1.15	13710	50	1050	91	10				
73016	298.25	300.2	1.95	35	26	118	0.4	3				
74196	293.58	294.1	0.52	185	94	750	1.8	4				
74197	294.7	295.19	0.49	110	108	420	1	5				
74198	295.19	295.61	0.42	100	78	240	1	3				
74199	295.61	295.95	0.34	125	18	180	1.2	4				
74200	295.95	296.34	0.39	945	16	770	7	8				
	296.34	298.25	1.91	11443								
			6.26 ft	0.33 oz								

NUINSCO RESOURCES LTD.			SAMPLE RECORD					HOLE #	NR-96-27		
Sample #	From (m)	To (m)	Length(m)	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm	Ni ppm	Pt ppb	Pd ppb
WR	11	14		15	36	141	0.2	1		9		
73101	19.05	19.45	0.4	10	275	146	0.6	<1				
73102	22.5	22.9	0.4	50	35	200	0	5				
73103	22.9	23.9	1	30	83	270	0	2				
73104	27.42	28.22	0.8	10	162	290	0	<1				
73105	31.2	32.3	1.1	15	147	360	0.2	2				
73106	32.3	33.8	1.5	40	285	740	0.8	4				
WR	60	63		10	12	96	<0.2	2		62		
73107	81.42	82.22	0.8	<0.5	70	150	0.2	5				
73108	82.22	83.2	0.98	5	63	164	<0.2	2				
73109	83.2	83.7	0.5	<0.5	40	141	<0.2	<1				
73110	83.7	84.2	0.5	<0.5	24	80	0.2	3				
73111	90.2	91.55	1.35	<0.5	13	61	<0.2	<1				
73112	91.55	93.2	1.65	<0.5	8	56	0.2	<1				
73113	99.3	100.83	1.53	<0.5	5	57	<0.2	<1				
73114	100.83	102.4	1.57	<0.5	3	53	<0.2	<1				
73115	105.4	106.94	1.54	10	3	480	0.2	<1				
73116	106.94	108.5	1.56	<0.5	4	44	<0.2	<1				
73117	132.7	133.7	1	115	61	113	<0.2	3				
73118	133.7	133.97	0.27	770	72	58	0.8	16				
73119	133.97	134.29	0.32	275	60	96	0.3	6				
73120	158.74	159.04	0.3	225	39	1450	0.2	3				
73121	159.04	159.24	0.2	150	200	2650	0.8	4				
73122	159.24	160.3	1.06	5	24	325	<0.2	9				
73123	166.4	167.92	1.52	<0.5	16	155	<0.2	<1				
73124	167.92	169.4	1.48	<0.5	17	152	<0.2	<1				
73125	215.1	216.63	1.53	<0.5	10	95	<0.2	5				
73126	216.63	218.2	1.57	25	20	70	<0.2	<1				
73127	232.7	233.1	0.4	20	124	8400	0.6	2				
73128			0	20	115	600	0.5	1				
73129	237.63	238.38	0.75	<0.5	51	141	0.2	5				
73130	238.38	239.5	1.12	10	124	590	0.7	<1				
73131	239.5	241.04	1.54	10	141	420	0.7	<1				
73132	241.04	242.6	1.56	55	50	760	0.8	2				

Sample #	From (m)	To (m)	Length(m)	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm	Ni ppm	Pt ppb	Pd ppb
WR	240	242		55	35	840	0.5	2		26		
73133	242.6	243.8	1.2	15	250	445	2.2	0		64		
73134	243.3	243.67	0.37	80	430	710	3.6	0		11		
73135	243.67	244.17	0.5	95	45	620	1	12		39		
73136	244.17	245.6	1.43	0	18	57	0	0		43		
WR	246	249		<5	9	56	<0.2	<1		3		
WR	276	279		10	17	140	0.2	<1		11		
73137	279.1	280.16	1.06	5	21	340	0.2	<1		32		
73138	280.16	280.38	0.22	5	24	570	0.2	<1		36		
73139	280.38	281.8	1.42	5	20	220	0	<1		38		
73140	281.8	282	0.2	0	18	205	0	<1				
73141	282	282.65	0.65	0	28	255	0.2	<1				
73142	282.65	283.43	0.78	20	42	690	0.4	<1				

NUINSCO RESOURCES LTD.				SAMPLE RECORD						HOLE #	NR-96-28	
Sample #	From (m)	To (m)	Length(m)	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm	Ni ppm	Pt ppb	Pd ppb
73145	29.9	30.85	0.95	95	325	295	1	<1				
73143	38.1	39.64	1.54	<5	24	121	<0.2	<1				
73144	39.64	41.1	1.46	5	33	155	<0.2	3				
73146	50.2	51.74	1.54	0	17	162	<0.2	<1				
73147	51.74	53.3	1.56	0	10	125	<0.2	4				
73148	68.5	70.04	1.54	10	17	235	0.2	3				
73149	70.04	71.6	1.56	10	15	140	0.4	4				
73150	83.8	85.34	1.54	<5	59	92	<0.2	<1				
73251	85.34	86.8	1.46	15	29	130	<0.2	<1				
73256	95.7	96.3	0.6	10	13	95	0.4	2				
73252	101.4	101.7	0.3	10	13	96	0.6	5				
73253	101.7	102.32	0.62	<5	34	1450	<.2	4				
73254	107.1	107.4	0.3	<5	44	740	0.4	4				
73255	107.4	107.6	0.2	100	25	161	0.8	2				
73257	114.3	115.2	0.9	80	45	156	0.6	4				
73258	118.4	118.7	0.3	25	70	4100	1	6				
73259	118.7	119.2	0.5	260	25	850	2.8	8				
73260	121.4	121.6	0.2	670	48	2400	0.6	22				
73261	132.5	134.04	1.54	180	45	780	2.2	320				
73262	134.04	135.6	1.56	225	45	780	2.4	295				
73263	135.6	137.14	1.54	630	45	1550	5	640				
73264	137.14	138.6	1.46	105	21	410	1.2	36				
73265	150.8	152.34	1.54	85	12	480	0	15				
73266	152.34	153.9	1.56	190	20	420	0.2	28				
73267	153.9	155.44	1.54	270	34	840	1	18				
73268	155.44	156.9	1.46	70	26	230	0.8	49				
73269	170.65	171	0.35	80	41	2300	0.6	90				
73270	171	172.2	1.2	210	61	1700	1	58				
73271	172.2	172.8	0.6	615	56	2900	0.8	56				
73272	172.8	173.5	0.7	940	58	1750	1	41				
73273	173.5	173.75	0.25	760	172	5300	1.2	60				
73274	173.75	174.25	0.5	170	35	1200	0.2	36				
73275	184.4	185.94	1.54	260	28	800	0.8	39				
73276	185.94	187.4	1.46	110	37	240	0.4	42				

73277	187.4	188.94	1.54	40	14	470	0	18				
73278	188.94	190.5	1.56	80	13	136	0.4	36				
73279	202.72	203.01	0.29	85	167	280	<0.2	4		235		
73280	203.01	204.5	1.49	185	240	255	0.5	42		11		
73281	204.5	204.93	0.43	105	315	230	0.4	15		240		
73282	204.93	206.66	1.73	85	18	1250	0.3	43		12		
73283	206.66	206.99	0.33	60	21	210	0.3	35		79		
73284	206.99	207.29	0.3	10	27	115	0.2	70		12		
73285	207.29	207.5	0.21	65	157	360	0.2	28		230		
73286	207.5	207.92	0.42	120	37	165	0.6	88		17		
73287	207.92	208.38	0.46	45	61	266	0.2	36		188		
73288	208.38	209.17	0.79	25	39	135	0.3	73		40		
73289	209.17	210.17	1	25	92	280	0.4	5		280		
73290	210.17	210.43	0.26	165	81	1300	2.8	238		24		
73291	210.43	210.62	0.19	35	85	560	0.3	5		280		
73292	210.62	210.85	0.23	60	81	412	1.7	198		12		
73293	210.85	211.19	0.34	90	82	660	1.8	179		225		
73294	211.19	211.34	0.15	205	75	1950	2.5	335		19		
73295	211.34	211.56	0.22	30	124	500	0.9	78		315		
73296	211.56	212.89	1.33	375	240	6800	5.5	2000		35		
73297	212.89	213.15	0.26	135	220	690	1.3	70		245		
73298	213.15	213.23	0.08	250	430	2100	1.5	57		115		
73299	213.23	213.48	0.25	15	49	150	0.8	2		225		
73300	213.48	214.68	1.2	15	36	90	0.8	<1		152		
73301	214.68	215.28	0.6	10	19	66	0.2	<1		106		
73302	215.28	216.18	0.9	10	34	72	<0.2	<1		270		
73303	216.18	217.18	1	0	19	87	0.2	1		250		
73304	217.18	217.9	0.72	0	17	73	<0.2	<1		300		
73305	217.9	218.8	0.9	0	31	95	0.3	<1		500		
73306	218.8	219.33	0.53	0	92	128	1	1		670		
73307	219.33	219.62	0.29	15	131	280	1.4	35		485		
73308	230.65	231.05	0.4	180	36	86	1	220				
73309	231.05	232.05	1	145	17	360	0.8	250				
73310	232.05	232.5	0.45	80	16	1250	1	215				
73311	232.5	233.1	0.6	55	10	88	0.4	80				
73312	233.1	234.5	1.4	255	24	199	1	240				

73313	234.5	234.85	0.35	430	123	950	2.8	760				
73314	234.85	235.3	0.45	705	109	1150	15.6	3600				
73315	235.3	236.2	0.9	200	13	108	0.8	95				
73316	236.2	236.8	0.6	70	15	200	1	164				
73317	236.8	237.68	0.88	25	7	156	0.8	114				
73318	237.68	238.25	0.57	45	14	200	1	110				
73319	238.25	239.2	0.95	30	13	142	1	91				
73320	239.2	239.95	0.75	50	24	45	0.4	14				
73321	239.95	240.65	0.7	60	19	70	0.4	16				

Sample #	From (m)	To (m)	Length(m)	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm	Ni ppm	Pt ppb	Pd ppb
74067	55.73	56.3	0.57	0	15	49	0.4	0				
74068	56.3	57.29	0.99	0	16	93	0	17				
74069	74.38	75.5	1.12	0	13	119	0	0				
74070	75.5	76.44	0.94	30	73	400	0.8	12				
74071	84.35	85.36	1.01	220	355	600	1.2	0				
74072	89.9	91.26	1.36	330	23	340	6.2	0				
74073	107.76	108.52	0.76	2160	124	940	38	4				
74074	108.52	109.31	0.79	145	123	530	1.8	0				
74075	110.1	110.69	0.59	35	51	105	0.4	0				
74076	110.69	111.5	0.81	150	66	380	2.6	0				
74077	111.5	112.3	0.8	45	103	194	1	0				
74078	112.85	113.58	0.73	1020	55	210	1.4	0				
74079	119.8	120.53	0.73	25	24	185	0.8	20				
74080	120.53	121.11	0.58	270	23	1500	1.2	88				
74081	121.11	121.85	0.74	190	20	460	1	66				
74082	121.85	122.65	0.8	200	28	470	1	76				
74083	122.65	123.4	0.75	680	63	580	10	350				
74084	123.4	124.15	0.75	1120	75	580	8.6	210				
74085	124.15	124.89	0.74	375	39	470	1.6	66				
74086	124.89	125.63	0.74	130	19	120	0.8	40				
74087	125.63	126.4	0.77	160	21	250	0.8	38				
74088	128.52	129.5	0.98	270	22	810	1.4	139				
74089	129.5	130.68	1.18	365	53	1600	3.2	145				
74090	130.68	131.98	1.3	425	48	1650	2.4	300				
74091	131.98	132.67	0.69	125	20	420	2.2	470				
74092	137.4	138.12	0.72	90	28	790	4	185				
74093	139.9	140.63	0.73	60	12	129	1	10				
74094	140.9	141.7	0.8	40	22	91	0.6	14				
74095	144.55	145.57	1.02	55	28	38	0.4	6				
74096	145.57	146.63	1.06	315	105	1350	2.2	56				
74097	150.2	151.24	1.04	150	14	500	1.4	76				
74098	151.82	152.5	0.68	100	19	121	0.8	6				
74099	160.4	161.15	0.75	385	54	580	1.4	29				
74100	162.23	162.82	0.59	385	37	470	2.2	38				

Sample #	From (m)	To (m)	Length(m)	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm	Ni ppm	Pt ppb	Pd ppb
74101	171.5	172.26	0.76	115	60	2300	1	17				
74102	172.26	172.86	0.6	145	37	1700	0.8	20				
74103	172.86	173.74	0.88	145	66	1650	1	15				
74104	173.74	175.2	1.46	110	46	188	0.8	20				
74105	175.2	175.82	0.62	170	31	920	0.8	27				
74106	175.82	176.19	0.37	215	40	800	0.6	27				
74107	176.19	176.63	0.44	200	38	1650	1	41				
74108	176.63	177.2	0.57	50	10	161	0.8	55				
74109	203.75	205.25	1.5	370	95	1300	1.2	152		87		
74110	205.25	205.7	0.45	660	340	2000	5	1650				
74111	205.7	206.7	1	575	270	4200	4.2	1250				
74112	206.7	207.65	0.95	380	340	3100	5.4	1750				
74113	207.65	208.11	0.46	535	510	4400	6	1750				
74114	208.11	209.32	1.21	660	510	3700	7.6	1750				
74115	209.32	209.86	0.54	4140	115	2300	9.4	1050				
74116	209.86	211.35	1.49	755	49	360	18.8	650				
74117	211.35	212.49	1.14	1870	74	540	27	350				
74118	212.49	213.02	0.53	8490	41	1600	7.6	720				
74119	213.02	213.76	0.74	2930	68	2000	26	1450				
74120	213.76	214.26	0.5	2470	145	2800	30	1250				
74121	214.26	214.66	0.4	2950	102	4100	12.2	2050				
74122	214.66	215.05	0.39	3260	73	880	19	450				
74123	215.05	215.88	0.83	510	30	630	2.4	300				
74124	215.88	217.13	1.25	320	37	330	1.4	141				
74125	217.13	218.53	1.4	640	91	650	3.6	420				
74126	218.53	219.2	0.67	220	24	280	0.8	79				
74127	219.2	220.05	0.85	500	27	740	1.2	189				
74128	220.05	221	0.95	330	78	860	2	360				
74129	221	221.78	0.78	910	102	1450	3.6	480				
74130	221.78	222.36	0.58	880	80	1050	2.4	490				
74131	222.36	223.13	0.77	340	64	620	1.6	83				
74132	223.13	224	0.87	140	38	450	1	191				
74133	224	224.72	0.72	280	98	1900	3.4	630				
74134	224.72	225.39	0.67	3240	71	1050	4.8	1550				
74135	225.39	226.05	0.66	2060	22	290	1.4	157				

Sample #	From (m)	To (m)	Length(m)	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	As ppm	Ni ppm	Pt ppb	Pd ppb
74136	226.05	226.61	0.56	2610	84	174	17	210				
74137	226.61	227.96	1.35	1250	22	430	2	155				
74138	227.96	229.06	1.1	165	10	117	0.4	88				
74139	229.06	229.82	0.76	185	11	122	1.2	74				
74140	229.82	230.73	0.91	60	12	65	0.4	23				
74141	230.73	231.44	0.71	120	23	820	1.4	160				
74142	231.44	232.18	0.74	90	10	65	0.6	35				
74143	232.18	233.16	0.98	120	56	580	1.2	240				
74144	233.16	233.71	0.55	90	25	270	0.8	270				
74145	233.71	234.58	0.87	60	22	260	0.8	240				
74146	234.58	235.16	0.58	100	57	1950	1.4	940				
74147	235.16	236.03	0.87	330	109	5600	3.6	2350				

NUINSCO RESOURCES LTD.				SAMPLE RECORD						HOLE #	NR-96-31	
Sample #	From (m)	To (m)	Length(m)	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
73339	48.7	49.66	0.96	0	23	136	0	0				
73340	49.66	50.25	0.59	65	191	151	1.4	8				
73341	59.86	60.37	0.51	0	11	89	0	0				
73342	60.88	61.49	0.61	15	39	181	0.2	0				
73343	74.58	75.05	0.47	5	42	220	0	0				
73344	75.05	75.72	0.67	15	12	154	0.4	0				
73345	75.72	76.05	0.33	0	32	127	0	4				
73346	76.05	76.66	0.61	10	8	47	0.4	0				
73347	75.66	76.35	0.69	0	12	148	0.2	0				
73348	96.6	97.17	0.57	20	120	199	0.4	0				
73349	115.9	116.7	0.8	175	86	136	2.4	0				
73350	117.32	118.22	0.9	40	26	330	1	5				
73399	120.39	121.1	0.71	305	156	750	6.6	0				
73400	121.1	121.59	0.49	160	280	330	3.4	0				
73469	121.59	122.09	0.5	80	57	126	1.2	0				
73470	126.2	126.7	0.5	105	6	77	0.6	0				
73471	126.7	127.2	0.5	80	3	52	0.6	0				
73472	137.28	138.18	0.9	560	95	1400	4.2	12				
73473	139.72	140.12	0.4	35	52	310	0.8	0				
73474	144.35	145.17	0.82	65	12	118	0.6	33				
73475	145.67	146.35	0.68	255	33	320	0.6	27				
73476	147.15	148.1	0.95	85	31	750	0.2	42				
73477	148.1	149.48	1.38	280	16	240	0.8	52				
73478	149.48	149.98	0.5	60	10	195	0.4	46				
73479	151.2	152.02	0.82	15	26	1050	1.2	108				
73480	152.02	152.68	0.66	75	47	940	0.4	220				
73481	152.68	153.5	0.82	50	46	350	0	24				
73482	153.5	154.2	0.7	55	24	65	0	7				
73483	154.2	155.04	0.84	100	24	560	1	165				
73484	155.04	155.32	0.28	40	55	4500	1	1200				
73485	155.32	156.49	1.17	80	60	920	1	41				
73486	156.49	156.97	0.48	30	38	280	0	37				
73487	158.49	159.28	0.79	55	12	320	0	28				
73488	159.28	159.99	0.71	95	12	82	0	13				

Sample #	From (m)	To (m)	Length(m)	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
73489	159.99	160.85	0.86	50	13	400	0	16				
73490	160.85	161.47	0.62	105	9	550	0	21				
73491	161.47	162.25	0.78	15	20	240	0	32				
73492	162.25	162.67	0.42	1420	13	2200	0.6	27				
73493	162.67	163.3	0.63	185	12	127	0.4	24				
73494	163.3	163.94	0.64	420	53	1350	2.4	580				
73495	163.94	164.79	0.85	60	13	135	0.6	54				
73496	164.79	165.44	0.65	75	25	110	1	39				
73497	165.44	166.12	0.68	155	18	109	1	67				
73498	166.12	167.62	1.5	110	22	680	4	480				
73499	167.62	168.39	0.77	45	34	58	0.6	36				
73500	172.26	173.07	0.81	210	36	720	2	350				
74001	173.07	173.49	0.42	340	34	720	0.8	175				
74002	173.44	174.2	0.76	115	21	106	0.4	44				
74003	178.6	179.45	0.85	420	22	1500	1	61				
74004	180.66	181.6	0.94	40	12	570	0.6	55				
74005	181.95	182.85	0.9	315	9	158	0.6	18				
74006	182.85	183.14	0.29	1590	570	8700	6	270				
74007	183.14	184.1	0.96	4530	51	960	2.2	97				
74008	186.42	187.7	1.28	220	15	129	0.4	16				
74009	187.7	188.29	0.59	90	10	102	0.4	12				
74010	188.29	188.86	0.57	135	57	890	0.6	16				
74011	190.62	191.23	0.61	365	30	1350	0.4	17				
74012	191.23	192.3	1.07	440	23	260	0.6	18				
74013	192.3	193.08	0.78	2610	44	1450	1.8	19				
74014	193.08	194.51	1.43	205	28	400	0.6	34				
74015	194.51	195.21	0.7	150	31	1600	0.6	20				
74016	196.9	197.21	0.31	380	51	5200	0.8	15				
74017	207.6	208.7	1.1	20	69		0.5			169		
74018	208.7	209.52	0.82	35	33		0.3			90		
74019	209.52	210.92	1.4	55	28		0.3			76		
74150	210.92	211.25	0.33	40	53		0.2			104		
74149	211.25	212.05	0.8	10	36		0			176		
74148	212.05	213.35	1.3	55	65		0.2			192		
73322	215.2	216.7	1.5	84	580	76	1.2		78	1300	70	352

Sample #	From (m)	To (m)	Length(m)	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
73323	216.7	217.44	0.74	260	1700	50	1.5		174	3000	355	1180
73324	217.44	218.2	0.76	306	5000	102	5.8		200	4100	320	1040
73325	218.2	219.3	1.1	1210	2000	44	1.6		98	2700	350	1080
73326	219.3	219.76	0.46	736	4300	66	3.5		178	2600	690	2080
73327	219.76	220.23	0.47	912	7700	118	7		230	3900	910	2380
73328	220.23	221.24	1.01	0.09	1.2	0.02	13.6		0.062	2.11	5.32	9.66
73329	221.24	222.4	1.16	1.08	5.35	0.06	50.6		0.055	2.03	4.69	14.2
73330	222.4	223.35	0.95	0	0.59	0	7.3		0.167	4.82	3.29	6.79
73331	223.35	224.24	0.89	1.53	4.46	0.06	34.4		0.069	1.58	2.03	6.16
73332	224.24	225.21	0.97	0.36	0.77	0.01	8.7		0.042	1.34	1.47	4.55
73333	225.21	225.62	0.41	39.9	1.36	0.05	15.4		0.057	0.7	1.47	2.87
73334	225.62	226.11	0.49	0	0.21	0	3.8		0.086	2.78	2.87	6.58
73335	226.11	226.6	0.49	0.81	1.8	0.03	16.9		0.135	2.49	2.45	6.58
73336	226.6	227.53	0.93	0.72	1.9	0.04	19.2		0.086	2.79	3.29	8.61
73337	227.53	227.93	0.4	2.97	4.58	0.11	62.5		0.522	0.34	3.06	6.79
73338	227.93	228.13	0.2	0.27	0.99	0.05	6		0.002	0.06	0.21	0.42
74020	228.15	229.03	0.88	925	190	1100	2.4	860				
74021	229.03	230.13	1.1	265	640	1850	1.2	880				
74022	230.13	231.14	1.01	625	109	1050	2.2	1300				
74023	235.82	236.58	0.76	175	80	1150	0.4	162				
74024	236.58	237.14	0.56	145	39	790	1	690				
74025	237.14	238.23	1.09	265	17	155	0.8	300				
74026	238.23	239.01	0.78	350	51	1350	1.2	740				
74027	239.01	239.5	0.49	1300	370	6200	5.4	3000				
74028	239.5	240.12	0.62	1430	47	1350	1.4	700				
74029	240.12	241.27	1.15	270	13	480	0	260				
74030	241.27	242.17	0.9	270	12	210	0.4	123				
74031	242.17	242.77	0.6	40	6	41	0	34				
74032	242.77	243.42	0.65	150	69	1350	1.6	310				
74033	243.42	244.36	0.94	175	18	106	0.4	70				
74034	244.36	245.19	0.83	35	11	107	0.6	37				
74035	245.19	245.91	0.72	50	20	101	0.8	48				
74036	245.91	246.92	1.01	35	10	130	0.8	48				
74037	246.92	248.17	1.25	30	14	96	0	16				
74038	248.17	249.42	1.25	40	18	149	0.4	67				

Sample #	From (m)	To (m)	Length(m)	Au ppb	Cu ppm	Zn ppm	Ag ppm	Pb ppm	Co ppm	Ni ppm	Pt ppb	Pd ppb
74039	249.42	250.71	1.29	40	26	177	0.4	58				
74040	250.71	251.7	0.99	95	27	114	0.2	11				

Chemex Labs Ltd.

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To NUINSCO RESOURCES LIMITED

908 THE EAST MALL
ETOBICOKE, ON
M9B 6K2

Project
Comments ATTN: PAUL JONES FAX: JIM WILSON

Page Number 1
Total Pages 1
Certificate Date 19-APR-96
Invoice No I-9616076
P.O. Number
Account

CERTIFICATE OF ANALYSIS A9616076

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	Ni ppm
WR96-19-007	208 226	< 5	81	< 1	340	0.2	62
WR96-19-018	208 226	< 5	47	< 1	87	< 0.2	62
WR96-19-023	208 226	< 5	74	< 1	140	< 0.2	37
WR96-19-030	208 226	< 5	77	9	200	< 0.2	< 1
WR96-19-044	208 226	< 5	51	3	111	< 0.2	4
WR96-19-049	208 226	< 5	110	< 1	97	< 0.2	22
WR96-19-070	208 226	< 5	81	6	147	< 0.2	136
WR96-19-074	208 226	15	77	5	205	< 0.2	145
WR96-19-085	208 226	< 5	53	< 1	123	< 0.2	240
WR96-19-096	208 226	< 5	71	< 1	106	< 0.2	137
WR96-19-103	208 226	< 5	123	3	188	< 0.2	79
WR96-19-111	208 226	< 5	102	< 1	163	< 0.2	60
WR96-19-121	208 226	< 5	94	3	86	< 0.2	81
WR96-19-142	208 226	20	102	< 1	135	< 0.2	58
WR96-19-166	208 226	< 5	143	< 1	415	< 0.2	63
WR96-19-176	208 226	< 5	121	< 1	205	< 0.2	68
WR96-19-191	208 226	< 5	7	< 1	153	< 0.2	168
WR96-19-200	208 226	< 5	7	< 1	143	< 0.2	40
WR96-19-262	208 226	100	14	< 1	132	< 0.2	-----
WR96-19-267	208 226	< 5	38	< 1	52	< 0.2	184
WR96-19-284	208 226	30	95	< 1	345	0.7	47
WR96-19-287	208 226	20	133	< 1	178	1.1	62
WR96-19-311	208 226	< 5	52	4	85	< 0.2	77
WR96-22-040	208 226	< 5	9	9	68	< 0.2	-----
WR96-22-045	208 226	< 5	8	8	70	< 0.2	-----
WR96-22-050	208 226	< 5	64	2	83	< 0.2	-----
WR96-22-203	208 226	100	43	6	1400	1.0	-----
WR96-22-211	208 226	120	93	6	74	0.8	-----
WR96-22-214	208 226	45	17	6	82	0.2	-----
WR96-22-218	208 226	45	38	11	183	0.5	-----
WR96-22-226	208 226	100	57	< 1	205	0.3	-----
WR96-22-227	208 226	5	300	< 1	235	0.8	-----
WR96-22-239	208 226	< 5	37	< 1	94	< 0.2	-----
WR96-22-245	208 226	205	255	< 1	178	1.1	-----
WR96-23-042	208 226	55	20	< 1	75	< 0.2	-----
WR96-23-080	208 226	110	6	10	155	< 0.2	-----
WR96-23-087	208 226	25	52	4	160	2.3	-----
WR96-23-092	208 226	55	140	16	435	1.0	-----
WR96-23-148	208 226	15	220	< 1	970	0.7	-----

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96-22

CERTIFICATION

04/21/96 08:05AM CHEMEX LABS VHA-FAX PAGE 002

Chemex Labs Ltd.

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To: NUINSCO RESOURCES LIMITED

908 THE EAST MALL
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Project
Comments ATTN: PAUL JONES FAX: JIM WILSON

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CERTIFICATE OF ANALYSIS A9616096

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R
73861	205 226	15	30	< 1	113	0.2
73862	205 226	80	17	< 1	2050	< 0.2
73863	205 226	45	13	< 1	980	0.2
73864	205 226	20	29	< 1	2950	0.2
73865	205 226	190	11	< 1	125	0.5
73866	205 226	25	8	1	113	< 0.2
73867	205 226	< 5	8	< 1	111	< 0.2
73868	205 226	165	21	< 1	127	0.2
73869	205 226	< 5	12	< 1	94	< 0.2
73870	205 226	< 5	12	< 1	93	< 0.2
73871	205 226	< 5	8	< 1	101	< 0.2
73872	205 226	< 5	22	< 1	83	< 0.2
73873	205 226	25	19	5	164	< 0.2
73874	205 226	< 5	9	3	58	< 0.2
73875	205 226	5	14	< 1	63	< 0.2
73876	205 226	70	111	< 1	730	0.4
73877	205 226	70	170	< 1	3900	0.7
73878	205 226	20	171	< 1	670	0.6
73879	205 226	10	131	< 1	460	0.5
73880	205 226	115	63	3	215	0.4
73881	205 226	5	48	2	186	0.4
73882	205 226	20	110	< 1	390	0.7
73883	205 226	15	22	< 1	97	< 0.2
73884	205 226	< 5	17	< 1	59	< 0.2
73885	205 226	< 5	8	< 1	51	< 0.2
73886	205 226	< 5	11	< 1	53	< 0.2
73887	205 226	< 5	17	7	63	0.2
73888	205 226	10	30	< 1	136	0.2
73889	205 226	45	119	< 1	920	0.6
73890	205 226	< 5	50	< 1	87	0.3
73891	205 226	< 5	108	< 1	66	0.7
73892	205 226	< 5	3	< 1	1300	< 0.2
73893	205 226	< 5	8	< 1	109	< 0.2
73894	205 226	< 5	58	< 1	111	0.2
73895	205 226	20	70	5	75	0.3
73896	205 226	5	67	< 1	86	0.2
73897	205 226	10	98	5	115	0.6
73898	205 226	10	79	8	84	1.0
73899	205 226	< 5	49	6	1150	0.2
73900	205 226	10	52	< 1	510	0.3

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To NUINSCO RESOURCES LIMITED

908 THE EAST MALL
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Project
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CERTIFICATE OF ANALYSIS A9616096

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SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R
73901	205	226	30	48	< 1	225	0.2
73902	205	226	35	156	< 1	7400	1.2
73903	205	226	< 5	21	< 1	255	0.5
73904	205	226	< 5	33	< 1	300	0.2
73905	205	226	65	50	< 1	4300	1.7
73906	205	226	55	77	< 1	8000	2.2
73907	205	226	< 5	33	< 1	128	0.5
73908	205	226	15	128	< 1	710	1.5
73909	205	226	205	110	< 1	1800	17.4
73910	205	226	220	47	< 1	2500	9.2
73911	205	226	95	45	< 1	2100	4.4
73912	205	226	300	76	< 1	3000	8.0
73913	205	226	35	52	< 1	3700	0.9
73914	205	226	40	26	< 1	2600	0.7
73915	205	226	140	32	< 1	1300	1.4
73916	205	226	125	101	< 1	10000	4.2
73917	205	226	50	45	< 1	4750	2.2
73918	205	226	60	99	< 1	6500	2.9
73919	205	226	710	335	< 1	>10000	33.0
73920	205	226	45	45	< 1	3200	3.2
73921	205	226	80	108	< 1	6500	4.5
73922	205	226	65	64	< 1	2550	3.5
73923	205	226	120	49	< 1	520	2.1
73924	205	226	125	50	< 1	3150	4.3
73925	205	226	45	85	< 1	1950	1.2
73926	205	226	130	79	< 1	3200	4.0
73927	205	226	85	117	2	4400	2.3
73928	205	294	25	27	7	660	1.1
73929	205	226	50	20	7	310	0.6
73930	205	226	70	10	3	1550	1.3
73931	205	226	10	34	< 1	660	0.8
73932	205	226	125	29	< 1	2300	2.2
73933	205	294	< 5	27	< 1	540	0.4
73934	205	226	30	10	< 1	210	0.8
73935	205	226	25	11	< 1	184	0.7
73936	205	226	15	11	< 1	440	0.8
73937	205	226	40	8	< 1	130	0.7
73938	205	226	340	78	< 1	2900	3.1
73939	205	226	195	62	16	425	1.9
73940	205	226	320	50	< 1	1300	2.8

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9622

SAMPLE	PREP CODE	Zn %
73919	244 --	2.17

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SAMPLE DESCRIPTION	PREP CODE		Au ppb RUSH	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R
9628							
73149	255	272	10	15	4	140	0.4
73252	255	295	10	13	2	95	0.4
73253	255	295	10	13	5	96	0.6
73254	255	295	< 5	34	4	1450	< 0.2
73255	255	295	< 5	44	4	740	0.4
73256	255	295	100	25	2	161	0.8
73257	255	295	80	45	4	156	0.6
73258	255	295	25	70	6	4100	1.0
73259	255	295	260	25	8	850	2.8
73260	255	295	670	48	22	2400	0.6
73261	255	272	180	45	320	780	2.2
9629 73268	255	295	70	26	49	230	0.8

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CERTIFICATE OF ANALYSIS A9616412

9627
9628

SAMPLE	PREP CODE		Au ppb RUSH	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	Ni ppm
WR96-27-240-243	255	295	55	35	2	840	0.5	26
WR96-27-246-249	255	295	< 5	9	< 1	56	< 0.2	3
WR96-27-276-279	255	295	10	17	< 1	140	0.2	11
73279	255	295	85	167	4	280	< 0.2	235
73280	255	295	185	240	42	255	0.5	11
73281	255	295	105	315	15	230	0.4	240
73282	255	272	85	18	43	1250	0.3	12
73283	255	295	60	21	35	210	0.3	79
73284	255	295	10	27	70	115	0.2	12
73285	255	295	65	157	28	360	0.2	230
73286	255	295	120	37	88	165	0.6	17
73287	255	295	45	61	36	266	0.2	188
73288	255	295	25	39	73	135	0.3	40
73289	255	295	25	92	5	280	0.4	280
73290	255	295	165	81	238	1300	2.8	24
73291	255	295	35	85	5	560	0.3	280
73292	255	295	60	81	198	412	1.7	12
73293	255	295	90	82	179	660	1.8	225
73294	255	295	205	75	335	1950	2.5	19
73295	255	295	30	124	78	500	0.9	315
73296	255	295	375	240	2000	6800	5.5	35
73297	255	295	135	220	70	690	1.3	245
73298	255	295	250	430	57	2100	1.5	115
73299	255	295	15	49	2	150	0.8	225
73300	255	272	15	36	< 1	90	0.8	152
73301	255	295	10	19	< 1	66	0.2	106
73302	255	295	10	34	< 1	72	< 0.2	270
73303	255	295	< 5	19	1	87	0.2	250
73304	255	295	< 5	17	< 1	73	< 0.2	300
73305	255	295	< 5	31	< 1	95	0.3	500
73306	255	295	< 5	92	1	128	1.0	670
73307	255	295	15	131	35	280	1.4	485

CERTIFICATION: Hart Bichler

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To NUINSCO RESOURCES LIMITED

908 THE EAST MALL
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CERTIFICATE OF ANALYSIS A9616417

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R
73213	205 226	< 5	17	< 1	89	< 0.2
73214	205 226	< 5	61	< 1	92	< 0.2
73215	205 226	< 5	66	< 1	122	0.2
73216	205 226	35	99	4	86	0.4
73217	205 226	45	27	< 1	61	0.4
73218	205 226	45	140	< 1	137	0.6
73219	205 226	< 5	36	< 1	83	0.2
73220	205 226	10	42	< 1	72	< 0.2
73221	205 226	85	39	< 1	80	0.4
73222	205 226	410	38	7	95	0.8
73223	205 226	250	92	6	28	1.0
73224	205 226	25	24	2	101	0.2
73225	205 226	30	64	< 1	43	0.4
73226	205 226	20	72	< 1	62	0.4
73227	205 226	10	55	< 1	75	0.4
73228	205 226	< 5	49	3	46	< 0.2
73229	205 226	35	180	< 1	81	0.6
73230	205 226	10	122	< 1	150	0.2
73231	205 226	20	112	< 1	136	0.4
73232	205 226	15	76	< 1	138	0.6
73233	205 226	10	110	< 1	171	< 0.2
73234	205 226	25	215	< 1	186	0.4
73235	205 226	< 5	38	< 1	56	< 0.2
73236	205 226	85	215	< 1	110	1.4
73237	205 226	20	123	< 1	162	< 0.2
73238	205 226	115	160	< 1	100	0.6
73239	205 226	< 5	26	< 1	36	< 0.2
73251	205 294	15	29	< 1	130	< 0.2
73262	205 294	225	45	295	780	2.4
73263	205 294	630	45	640	1550	5.0
73264	205 294	105	21	16	410	1.2
73265	205 294	85	12	15	480	< 0.2
73266	205 294	190	20	28	420	0.2
73267	205 294	270	34	18	840	1.0
73269	205 226	80	41	90	2300	0.6
73270	205 226	210	61	58	1700	1.0
73271	205 226	615	56	56	2900	0.8
73272	205 226	940	58	41	1750	1.0
73273	205 226	760	172	60	5300	1.2
73274	205 226	170	35	16	1200	0.2

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Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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CERTIFICATE OF ANALYSIS A9616417

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SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R
73275	205 294	260	28	39	800	0.8
73276	205 294	110	37	42	240	0.4
73277	205 294	40	14	18	470	< 0.2
73278	205 294	80	13	36	136	0.4
73308	205 226	180	36	220	86	1.0
73309	205 226	145	17	250	360	0.8
73310	205 226	80	16	215	1250	1.0
73311	205 226	55	10	80	88	0.4
73312	205 226	255	24	240	199	1.0
73313	205 226	430	123	760	950	2.8
73314	205 226	705	109	3600	1150	15.6
73315	205 226	200	13	95	108	0.8
73316	205 226	70	15	164	200	1.0
73317	205 226	25	7	114	156	0.8
73318	205 226	45	14	110	200	1.0
73319	205 226	30	13	91	142	1.0
73320	205 226	50	24	14	45	0.4
73321	205 226	60	19	16	70	0.4

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96-31

SAMPLE DESCRIPTION	PREP CODE	Au ppb AFS	Pt ppb AFS	Pd ppb AFS	Cu ppm	Zn ppm	Ag ppm Aqua R	Ni ppm	Co ppm
73322	255 272	84	70	352	580	76	1.2	1300	78
73323	255 295	260	355	1180	1700	50	1.5	3000	174
73324	255 295	306	320	1040	5000	102	5.8	4100	200
73325	255 295	1210	350	1080	2000	44	1.6	2700	98
73326	255 295	736	690	2080	4300	66	3.5	2600	178
73327	255 295	912	910	2380	7700	118	7.0	3900	230

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04/29/96 2:20PM CHEMEX LABS FAX-FAX PAGE 002

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9631

SAMPLE DESCRIPTION	PREP CODE	Au g/t	Pt g/t	Pd g/t	Cu %	Zn %	Ni %	Co %	Ag g/t
73328	258 272	0.09	5.32	9.66	1.20	0.02	2.11	0.062	13.6
73329	258 272	< 0.09	3.29	6.79	5.35	0.06	2.03	0.055	50.6
73330	258 272	1.08	4.69	14.20	0.59	< 0.01	4.82	0.167	7.3
73331	258 295	1.53	2.03	6.16	4.46	0.06	1.58	0.069	34.4
73332	258 295	0.36	1.47	4.55	0.77	0.01	1.34	0.042	8.7
73333	258 295	39.9	1.47	2.87	1.36	0.05	0.70	0.057	15.4
73334	258 295	< 0.09	2.87	6.58	0.21	< 0.01	2.78	0.086	3.8
73335	258 295	0.81	2.45	6.58	1.80	0.03	2.49	0.135	16.9
73336	258 272	0.72	3.29	8.61	1.90	0.04	2.79	0.086	19.2
73337	258 295	2.97	3.08	6.79	4.58	0.11	0.34	0.522	62.5
73338	258 295	0.27	0.21	0.42	0.99	0.05	0.06	0.002	6.0

ok Au Pt Pd results 73329 and 73330

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SAMPLE	PREP CODE		Au ppb AFS	Pt ppb AFS	Pd ppb AFS	Cu ppm	Zn ppm	Ag ppm Aqua R	Ni ppm	Co ppm		
73322	255	272	84	70	352	580	76	1.2	1300	78		
73323	255	295	260	355	1180	1700	50	1.5	3000	174		
73324	255	295	306	320	1040	5000	102	5.8	4100	200		
73325	255	295	1210	350	1080	2000	44	1.6	2700	98		
73326	255	295	736	690	2080	4300	66	3.5	2600	178		
73327	255	295	912	910	2380	7700	118	7.0	3900	230		

CERTIFICATION: Stuart Bachlet

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CERTIFICATE OF ANALYSIS A9616417

SAMPLE	PREP CODE		Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R
73213	205	226	< 5	17	< 1	89	< 0.2
73214	205	226	< 5	61	< 1	92	< 0.2
73215	205	226	< 5	66	< 1	122	0.2
73216	205	226	35	99	4	86	0.4
73217	205	226	45	27	< 1	61	0.4
73218	205	226	45	140	< 1	137	0.6
73219	205	226	< 5	36	< 1	83	0.2
73220	205	226	10	42	< 1	72	< 0.2
73221	205	226	85	39	< 1	80	0.4
73222	205	226	410	38	7	95	0.8
73223	205	226	250	92	6	28	1.0
73224	205	226	25	24	2	101	0.2
73225	205	226	30	64	< 1	43	0.4
73226	205	226	20	72	< 1	62	0.4
73227	205	226	10	55	< 1	75	0.4
73228	205	226	< 5	49	3	46	< 0.2
73229	205	226	35	180	< 1	81	0.6
73230	205	226	10	122	< 1	150	0.2
73231	205	226	20	112	< 1	136	0.4
73232	205	226	15	76	< 1	138	0.6
73233	205	226	10	110	< 1	171	< 0.2
73234	205	226	25	235	< 1	186	0.4
73235	205	226	< 5	38	< 1	56	< 0.2
73236	205	226	85	215	< 1	110	1.4
73237	205	226	20	123	< 1	162	< 0.2
73238	205	226	115	160	< 1	100	0.6
73239	205	226	< 5	26	< 1	36	< 0.2
73251	205	294	15	29	< 1	130	< 0.2
73262	205	294	225	45	295	780	2.4
73263	205	294	630	45	640	1550	5.0
73264	205	294	105	21	36	410	1.2
73265	205	294	85	12	15	480	< 0.2
73266	205	294	190	20	28	420	0.2
73267	205	294	270	34	18	840	1.0
73269	205	226	80	41	90	2300	0.6
73270	205	226	210	61	58	1700	1.0
73271	205	226	615	56	56	2900	0.8
73272	205	226	940	58	41	1750	1.0
73273	205	226	760	172	60	5300	1.2
73274	205	226	170	35	36	1200	0.2

9628

CERTIFIED BY: Adriana Alexandru

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96-28

SAMPLE	PREP CODE		Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R
73275	205	294	260	28	39	800	0.8
73276	205	294	110	37	42	240	0.4
73277	205	294	40	14	18	470	< 0.2
73278	205	294	80	13	36	136	0.4
73308	205	226	180	36	220	86	1.0
73309	205	226	145	17	250	360	0.8
73310	205	226	80	16	215	1250	1.0
73311	205	226	55	10	80	88	0.4
73312	205	226	255	24	240	199	1.0
73313	205	226	430	123	760	950	2.8
73314	205	226	705	109	3600	1150	15.6
73315	205	226	200	13	95	108	0.8
73316	205	226	70	15	164	200	1.0
73317	205	226	25	7	114	156	0.8
73318	205	226	45	14	110	200	1.0
73319	205	226	30	13	91	142	1.0
73320	205	226	50	24	14	45	0.4
73321	205	226	60	19	16	70	0.4

CERTIFICATION: Luciana Alexandru

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

5175 Timberlea Blvd., Mississauga
Ontario, Canada L4W 2S3
PHONE: 905-624 2806 FAX: 905-624-6163

To: NUINSCO RESOURCES LIMITED

908 THE EAST MALL
ETOBICOKE, ON
M9B 6K2

Project :
Comments: ATTN: PAUL JONES FAX: JIM WILSON

Page Number :1
Total Pages :2
Certificate Date: 15-MAY-96
Invoice No. :I9617843
P.O. Number :
Account :LVY

CERTIFICATE OF ANALYSIS A9617843

SAMPLE	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R
74126	205 226	220	24	79	280	0.8
74127	205 226	500	27	189	740	1.2
74128	205 226	330	78	360	860	2.0
74129	205 226	910	102	480	1450	3.6
74130	205 226	880	80	490	1050	2.4
74131	205 226	340	64	83	620	1.6
74132	205 226	140	38	191	450	1.0
74133	205 226	280	98	630	1900	3.4
74134	205 226	3240	71	1550	1050	4.8
74135	205 226	2060	22	157	290	1.4
74136	205 226	2610	84	210	174	17.0
74137	205 226	1250	22	155	430	2.0
74138	205 226	165	10	88	117	0.4
74139	205 226	185	11	74	122	1.2
74140	205 226	60	12	23	65	0.4
74141	205 226	120	23	160	820	1.4
74142	205 226	90	10	35	65	0.6
74143	205 226	120	56	240	580	1.2
74144	205 226	90	25	270	270	0.8
74145	205 226	60	22	240	260	0.8
74146	205 226	100	57	940	1950	1.4
74147	205 226	330	109	2350	5600	3.6
74151	205 226	2780	390	3100	5300	12.0
74152	205 226	2450	215	1650	8600	3.8
74153	205 226	1050	270	3450	4900	5.2
74154	205 226	2660	138	2800	4800	3.8
74155	205 226	455	92	430	9300	1.8
74156	205 226	190	55	180	5000	0.6
74157	205 226	435	44	32	2300	0.4
74158	205 226	760	32	12	3500	0.6
74159	205 226	800	48	10	2900	0.4
74160	205 226	1920	49	13	4700	1.4
74161	205 226	440	17	16	1300	0.4
74162	205 226	535	27	12	3000	0.6
74163	205 226	250	30	25	1700	0.6
74164	205 226	130	39	39	2100	0.8
74165	205 226	55	25	310	3800	1.4
74166	205 226	80	59	900	1600	4.8
74167	205 226	115	74	1000	2200	5.0
74168	205 226	145	51	1250	2100	5.4

CERTIFICATION: Luana Alexandre

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5175 Timberlea Blvd., Mississauga
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908 THE EAST MALL
ETOBICOKE, ON
M9B 6K2

Project :
Comments: ATTN: PAUL JONES FAX: JIM WILSON

Page Number :3
Total Pages :3
Certificate Date: 07-MAY-96
Invoice No. :19617258
P.O. Number :
Account :LVY

CERTIFICATE OF ANALYSIS A9617258

9631

SAMPLE	PREP CODE		Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R
73491	205	226	15	20	32	240	< 0.2
73492	205	226	1420	13	27	2200	0.6
73493	205	226	185	12	24	127	0.4
73494	205	226	420	53	580	1350	2.4
73495	205	226	60	13	54	135	0.6
73496	205	226	75	25	39	110	1.0
73497	205	226	155	18	67	109	1.0
73498	205	226	110	22	480	680	4.0
73499	205	226	45	34	36	58	0.6
73500	205	226	210	36	350	720	2.0

CERTIFICATION: Adriana Alexandru

Chemex Labs Ltd.

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212 Brooksbank Ave North Vancouver
British Columbia, Canada V7J 2C1
PHONE 604-984-0221 FAX 604-984-0218

To: NUINSCO RESOURCES LIMITED

908 THE EAST MALL
ETOBICOKE, ON
M9B 6K2

Project:
Comments: ATTN PAUL JONES FAX JIM WILSON

Page Number 3
Total Pages 3
Certificate Date 07-MAY-96
Invoice No I-9617258
P.O. Number
Account

CERTIFICATE OF ANALYSIS A9617258

96-31

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R
73491	205 226	15	20	32	240	< 0.2
73492	205 226	1420	13	27	2200	0.6
73493	205 226	185	12	24	127	0.4
73494	205 226	420	53	580	1350	2.4
73495	205 226	60	13	54	135	0.6
73496	205 226	75	25	39	110	1.0
73497	205 226	155	18	67	109	1.0
73498	205 226	110	22	480	680	4.0
73499	205 226	45	34	36	58	0.6
73500	205 226	210	36	350	720	2.0

CERTIFICATION

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To NUINSCO RESOURCES LIMITED

908 THE EAST MALL
ETOBICOKE, ON
M9B 6K2

Project
Comments ATTN PAUL JONES FAX JIM WILSON

Page Number 2
Total Pages 2
Certificate Date 15-MAY-96
Invoice No I-9617842
P.O. Number
Account

CERTIFICATE OF ANALYSIS A9617842

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Pb ppm	Zn ppm	Ag ppm Aqua R
74103	205 226	145	66	15	1650	1.0
74104	205 294	110	46	20	188	0.8
74105	205 226	170	31	27	920	0.8
74106	205 226	215	40	27	800	0.6
74107	205 226	200	38	41	1650	1.0
74108	205 226	50	10	55	161	0.8
74110	205 226	660	340	1650	2000	5.0
74111	205 226	575	270	1250	4200	4.2
74112	205 226	380	340	1750	3100	5.4
74113	205 226	535	510	1750	4400	6.0
74114	205 226	660	510	1750	3700	7.6
74115	205 226	4140	115	1050	2300	9.4
74116	205 226	755	49	650	360	18.8
74117	205 226	1870	74	350	540	27.0
74118	205 226	8490	41	720	1600	7.6
74119	205 226	2930	68	1450	2000	26.0
74120	205 226	2470	145	1250	2800	30.0
74121	205 226	2950	102	2050	4100	12.2
74122	205 226	3260	73	450	880	19.0
74123	205 226	510	30	300	630	2.4
74124	205 226	320	37	141	330	1.4
74125	205 294	640	91	420	650	3.6

96-29

CERTIFICATION

05/15/96 2:10PM CHEMEX LABS VAX-FAX2 PAGE 002

APPENDIX V

EXPLORATION DATA

DOWN-HOLE PULSE EM DATA

GÉRARD LAMBERT
GÉOSCIENCES
Consultation et génie-conseil en géophysique

June 3, 1996

M E M O R A N D U M

To: George Archibald, Paul Jones,
Nuinsco Resources Ltd., Emo, Ont.

From: Gerard Lambert, Consulting geophysicist, Rouyn-Noranda

Re: Rainy Lake area, DOWNHOLE PULSE E.M. in holes NR-96-09, 96-13, 96-28, 96-19, 96-14, 96-27, 95-30, 96-31 and 95-33.

Here are a few comments about the downhole P.E.M. surveys, including some detail work, carried out recently in these eight holes in Richardson Twp. (see appended location map and Pulse E.M. profiles at scales 1:2,000), between May 16 and May 29, 1996.

The loops which were used for holes 96-09, 96-13, 96-19, 96-27, 96-14 and 96-28 had dimensions 200m by 200m. Holes 96-09, 96-13 and 96-28 were probed with directional loops (west, center, east, south and north loops) and also using the X-Y probe with the center ("collar") loop. Hole 96-29, originally planned for P.E.M. probing, was found to be blocked and was replaced by surveying hole 96-28.

Holes 95-30 and 96-31 were surveyed using transmit loop #3031, having dimensions 200m x 200m. Hole 95-33 planned to be surveyed with loop 33 was found to be blocked at 47m and could not be surveyed.

144, rue George, C.P. 2355, Rouyn-Noranda (Québec) Canada J9X 5A9
Tél.: (819) 762-3182 Fax: (819) 762-5364

Results and Discussion:

Holes 96-13, 96-09 and 96-28 were testing the known sulphide mineralized zone. This mineralized zone is, from a geophysical standpoint, a difficult target, because of its very small size. It is however highly conductive and should it develop into a sizable body, it should not be difficult to detect this body using downhole Pulse E.M.

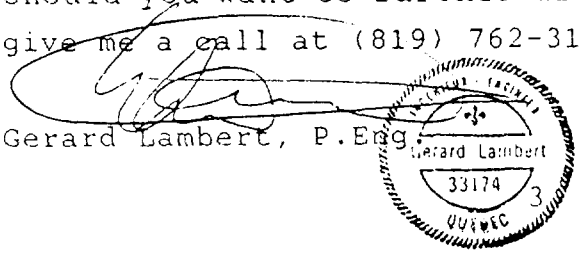
The present campaign was aimed at detailing some holes using multi-loop directional probing, as well as probing some new holes.

Hole 96-28, collared 75m east and 25m north of 96-09, has produced identical results as holes 96-13 and 96-09. There is a sharp off-hole response at 220m-225m, weakening with the west and south loops and strengthening with the north and east loops. The mineralized zone therefore must be close to this hole, to the north and above, as well as extending to the east.

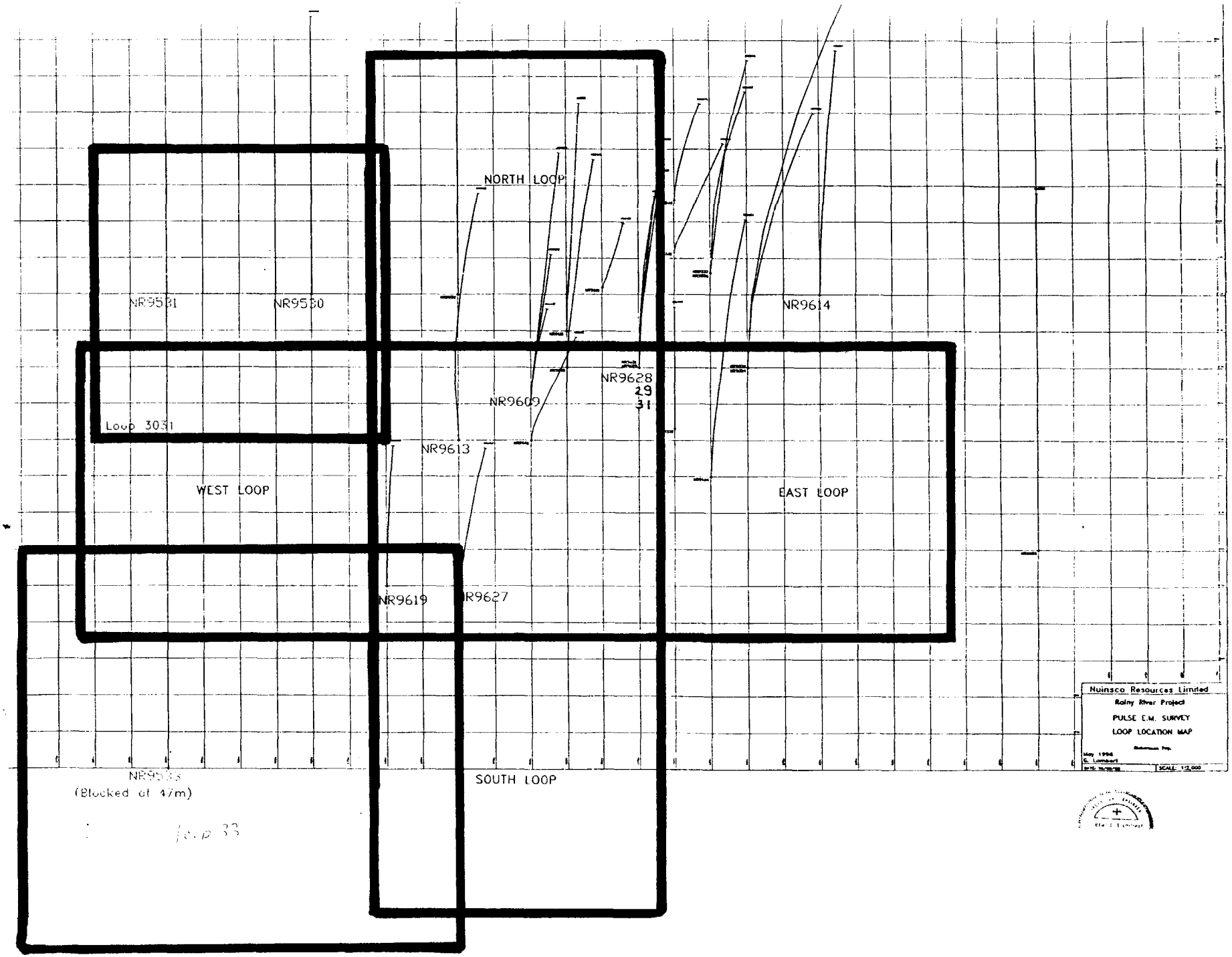
All the other holes (96-19, 96-27, 95-30 and 96-31) which were probed with downhole P.E.M. did not produce any anomalous profiles, indicating that no conductive material is present within 50 meters (approximate limit for small conductors) to 100 meters (approximate limit for large conductors). No further drilling can be justified in the immediate vicinity of these holes.

It must be realized that the geophysical signatures obtained to date are diagnostic of small, possibly patchy but highly conductive lenses. These targets are difficult to chase because their secondary field dies off quickly with distance and they cannot be "seen" unless holes pass very close to these lenses.

Should you want to further discuss any of the above points, just give me a call at (819) 762-3182.



Gerard Lambert, P.Eng. Consulting Geophysicist

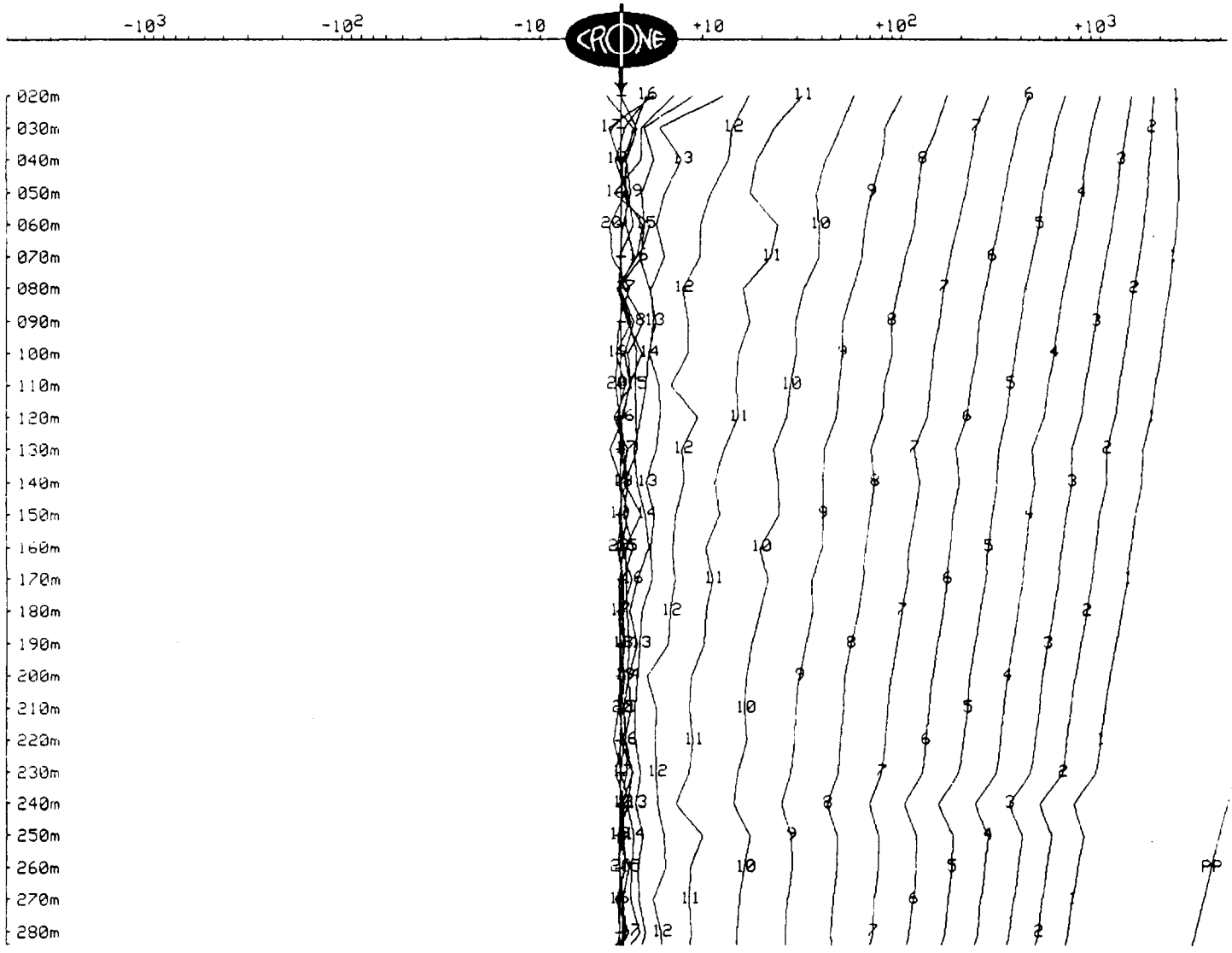

NORTH LOOP
NR9531
NR9530
NR9614
NR9628
29
31
NR9609
Loop 3031
NR9613
WEST LOOP
EAST LOOP
NR9619
NR9627
NR9533
(Blocked at 47m)
SOUTH LOOP
Nuinsco Resources Limited
Rainy River Project
PULSE E.M. SURVEY
LOOP LOCATION MAP
May 1996
S. Lombert
SCALE 1:2,000

CRONE GEOPHYSICS & EXPLORATION LTD
VAL D'OR GEOPHYSIQUE LTEE
BOREHOLE PEM

Client	: NUINSCO	Hole	: NR9627
Grid	: RAINY RIVER	Tx Loop	: [redacted]
Date	: May 25, 1996	File name	: 9627C.PEM

Z COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

Scale: 1:2000

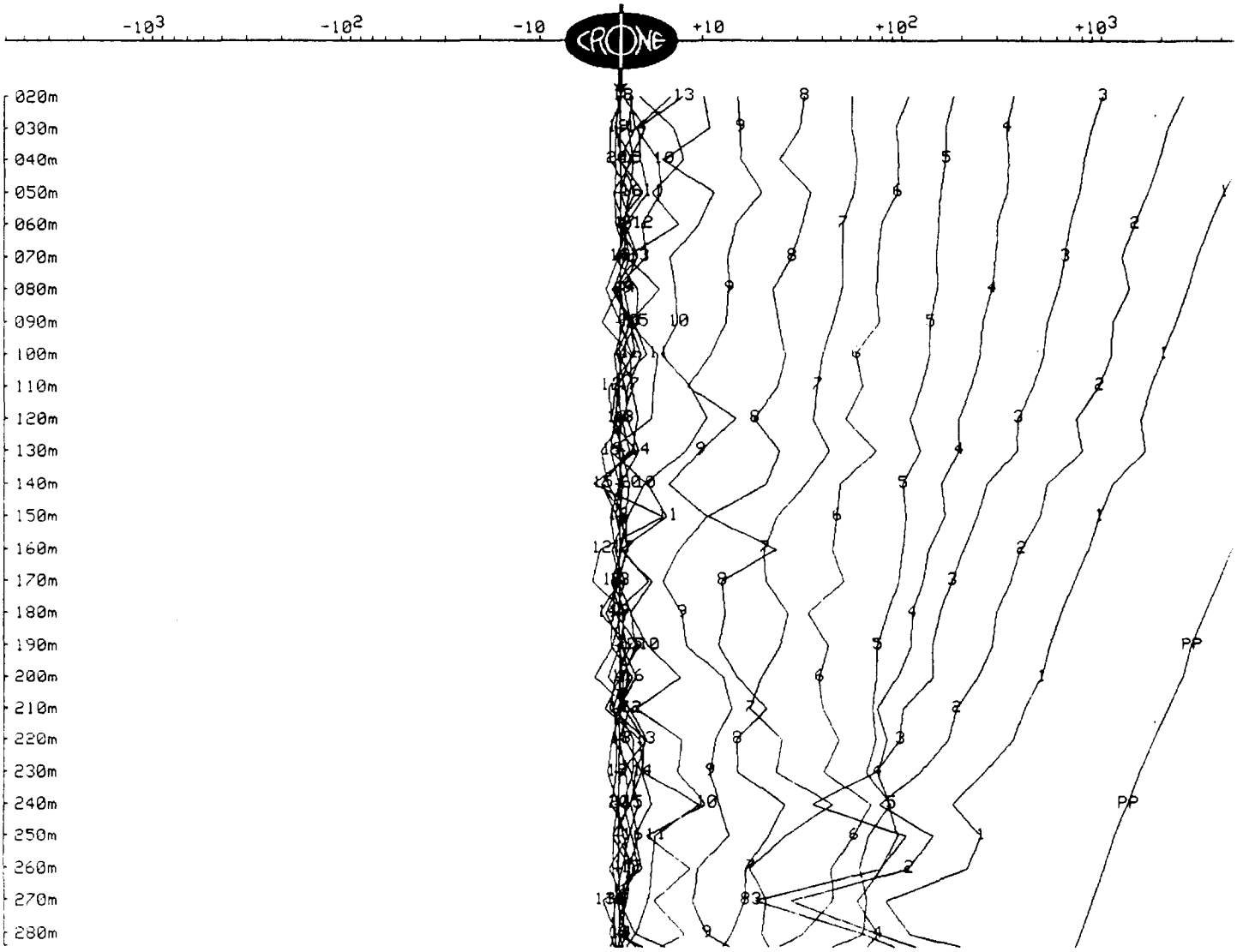


CRONE GEOPHYSICS & EXPLORATION LTD
VAL D'OR GEOPHYSIQUE LTEE
BOREHOLE PEM

Client	: NUINSCO	Hole	: NR9627
Grid	: RAINY RIVER	Tx Loop	: [redacted]
Date	: May 25, 1996	File name	: 9627XYRO.PEM

Data Corrected for Probe Rotation using Cleaned PP
X COMPONENT dBx/dt nanoTesla/sec - 20 channels and

Scale: 1:2000



CRONE GEOPHYSICS & EXPLORATION LTD
VAL D'OR GEOPHYSIQUE LTEE
BOREHOLE PEM

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Grid	: RAINY RIVER	Tx Loop	: [redacted]
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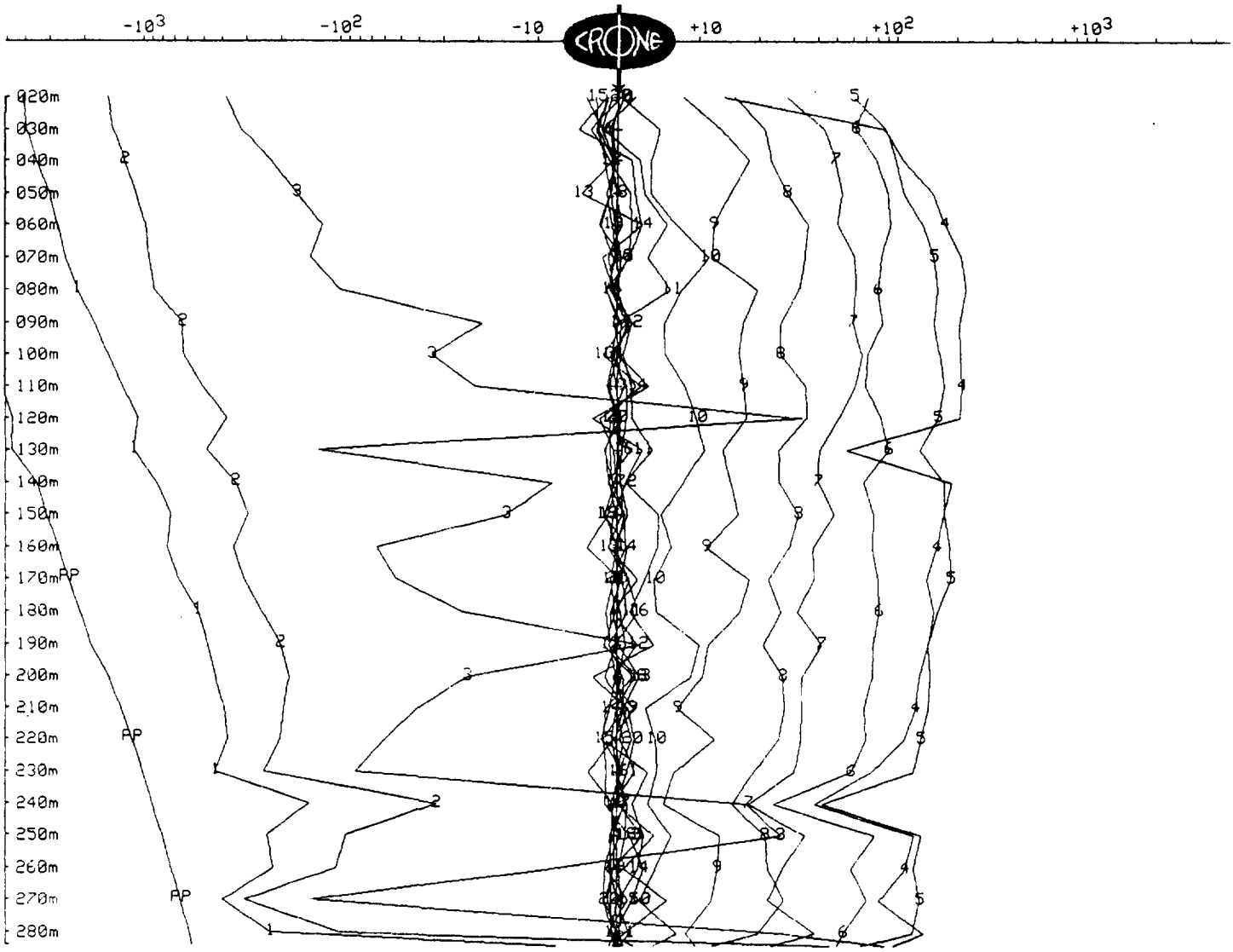
Data Corrected for Probe Rotation using Cleaned PP
Y COMPONENT dBy/dt nanoTesla/sec - 20 channels and

Scale: 1:2000



CRONE GEOPHYSICS & EXPLORATION LTD
VAL D'OR GEOPHYSIQUE LTEE
BOREHOLE PEM

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Grid	: RAINY RIVER	Tx Loop	: [redacted]
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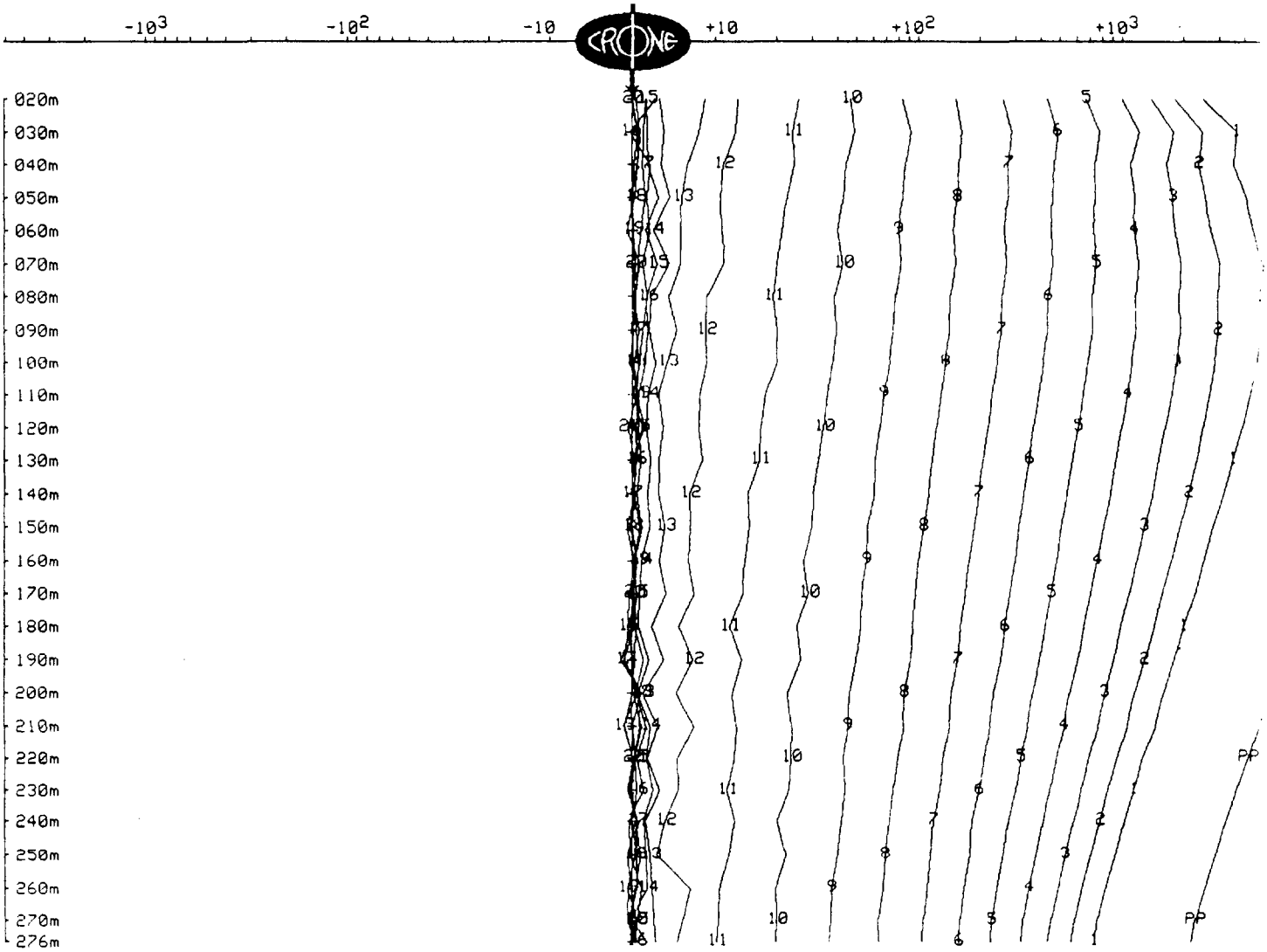
Scale: 1:2000



CRONE GEOPHYSICS & EXPLORATION LTD
VAL D'OR GEOPHYSIQUE LTEE
BOREHOLE PEM

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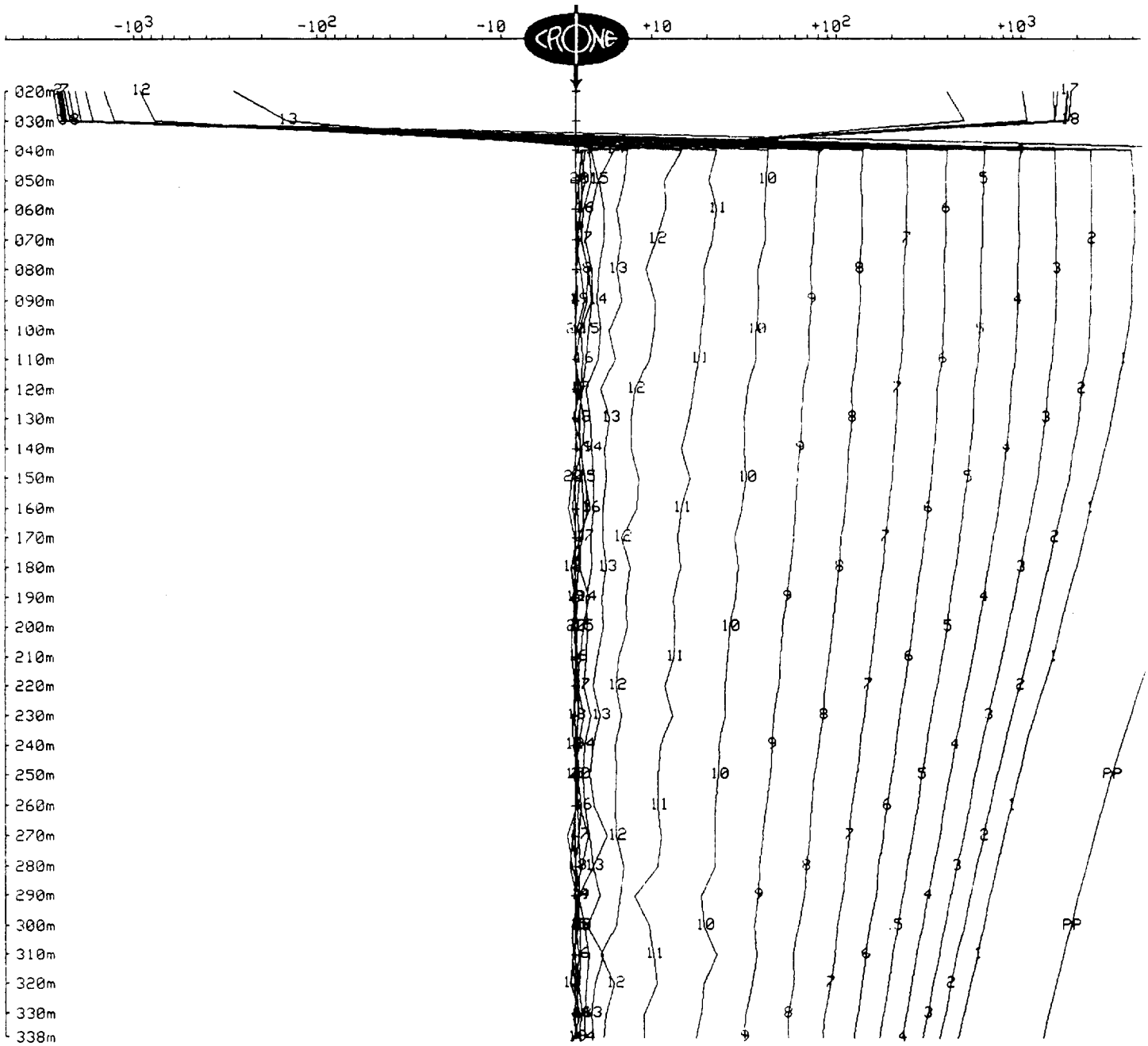

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VAL D'OR GEOPHYSIQUE LTEE
BOREHOLE PEM

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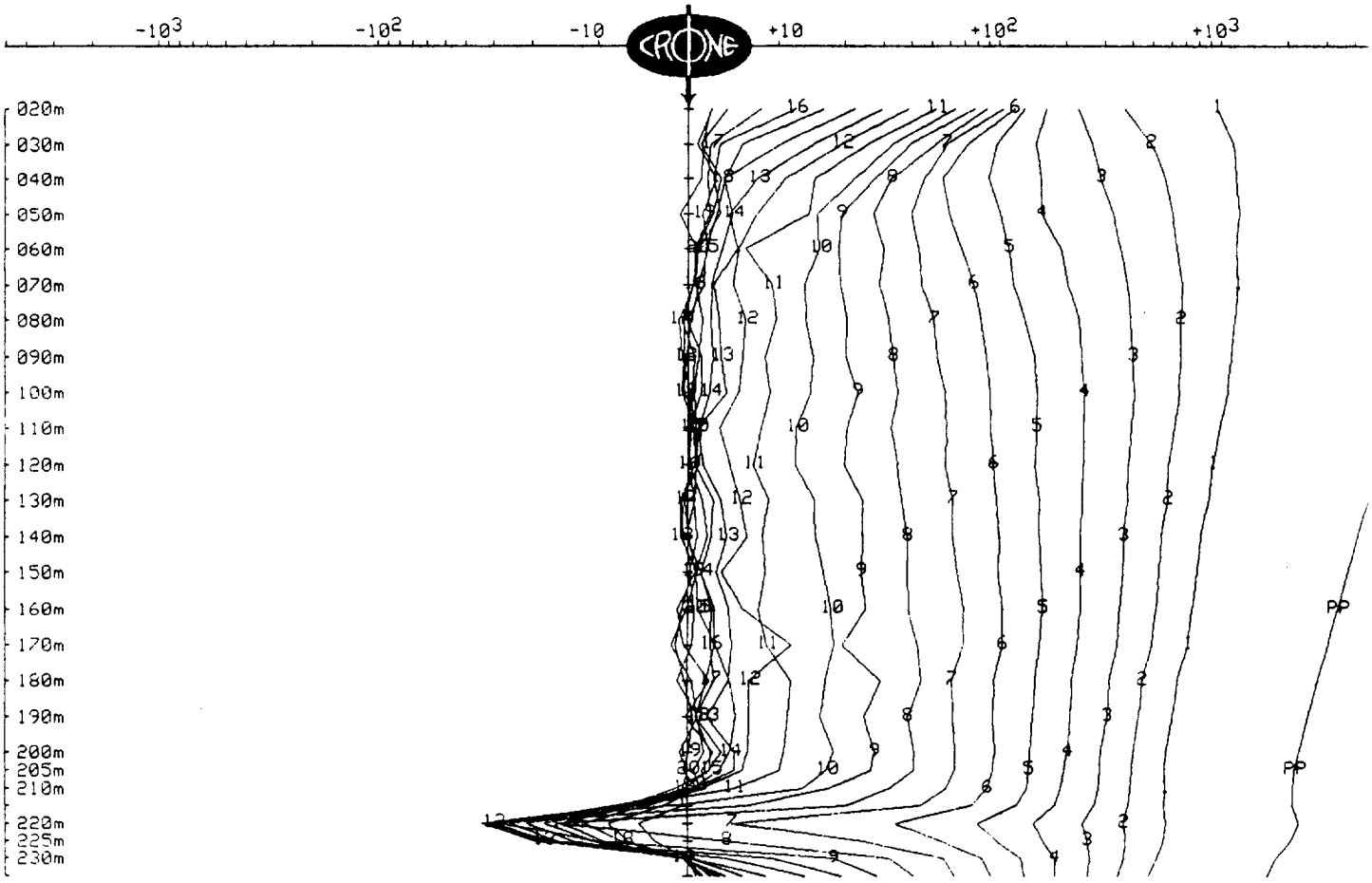
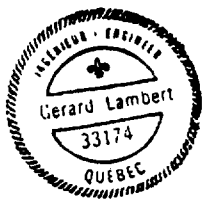
Z COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

Scale: 1:2000





CRONE GEOPHYSICS & EXPLORATION LTD
VAL D'OR GEOPHYSIQUE LTEE
BOREHOLE PEM

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Grid	: RAINY RIVER	Tx Loop	: [redacted]
Date	: May 22, 1996	File name	: 9628XYRO.PEM

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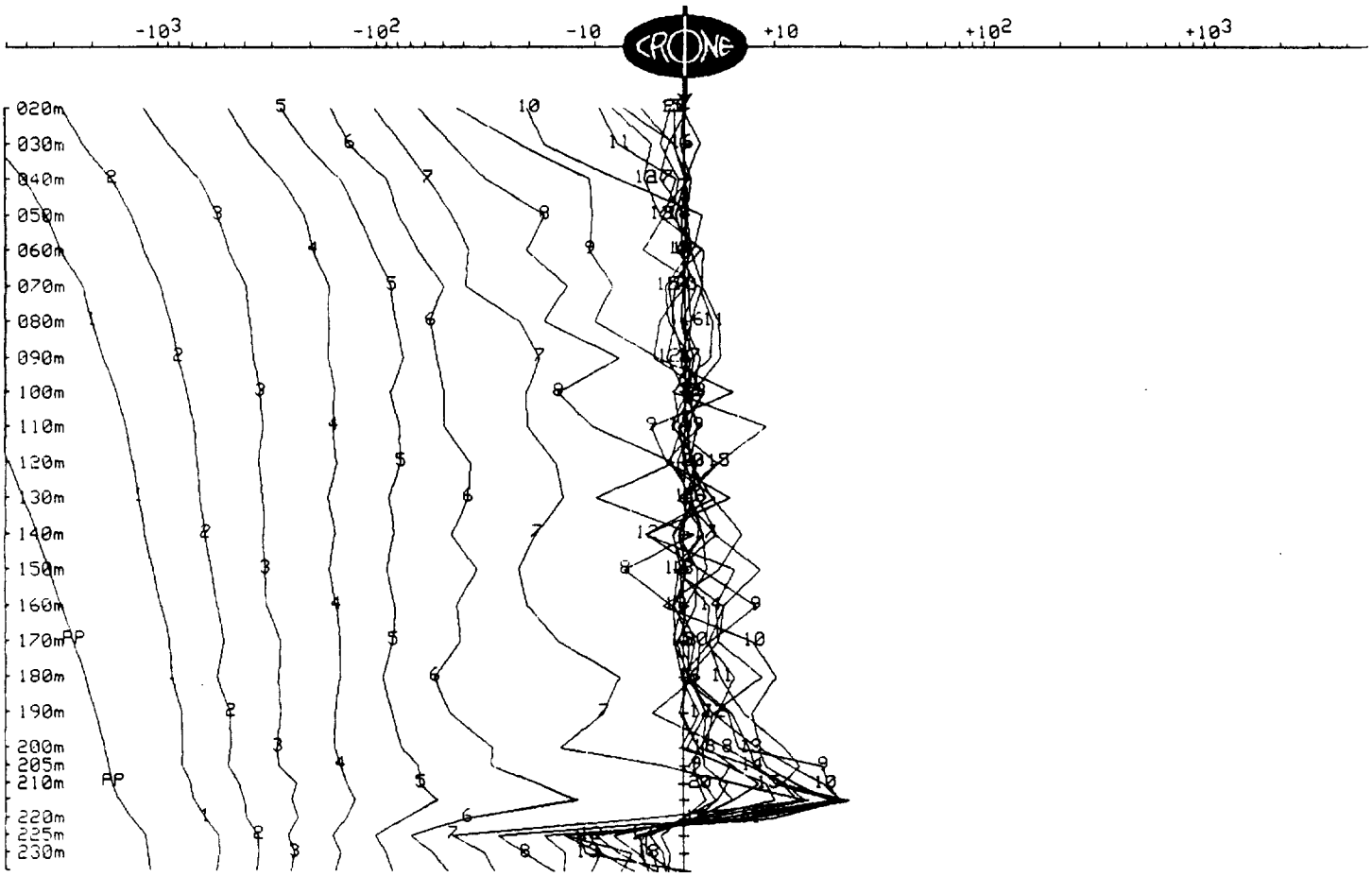
X COMPONENT dBx/dt nanoTesla/sec - 20 channels and

Scale: 1:2000



CRONE GEOPHYSICS & EXPLORATION LTD
VAL D'OR GEOPHYSIQUE LTEE
BOREHOLE PEM

Client	: NUINSCO	Hole	: NR96-28
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Y COMPONENT dBy/dt nanoTesla/sec - 20 channels and

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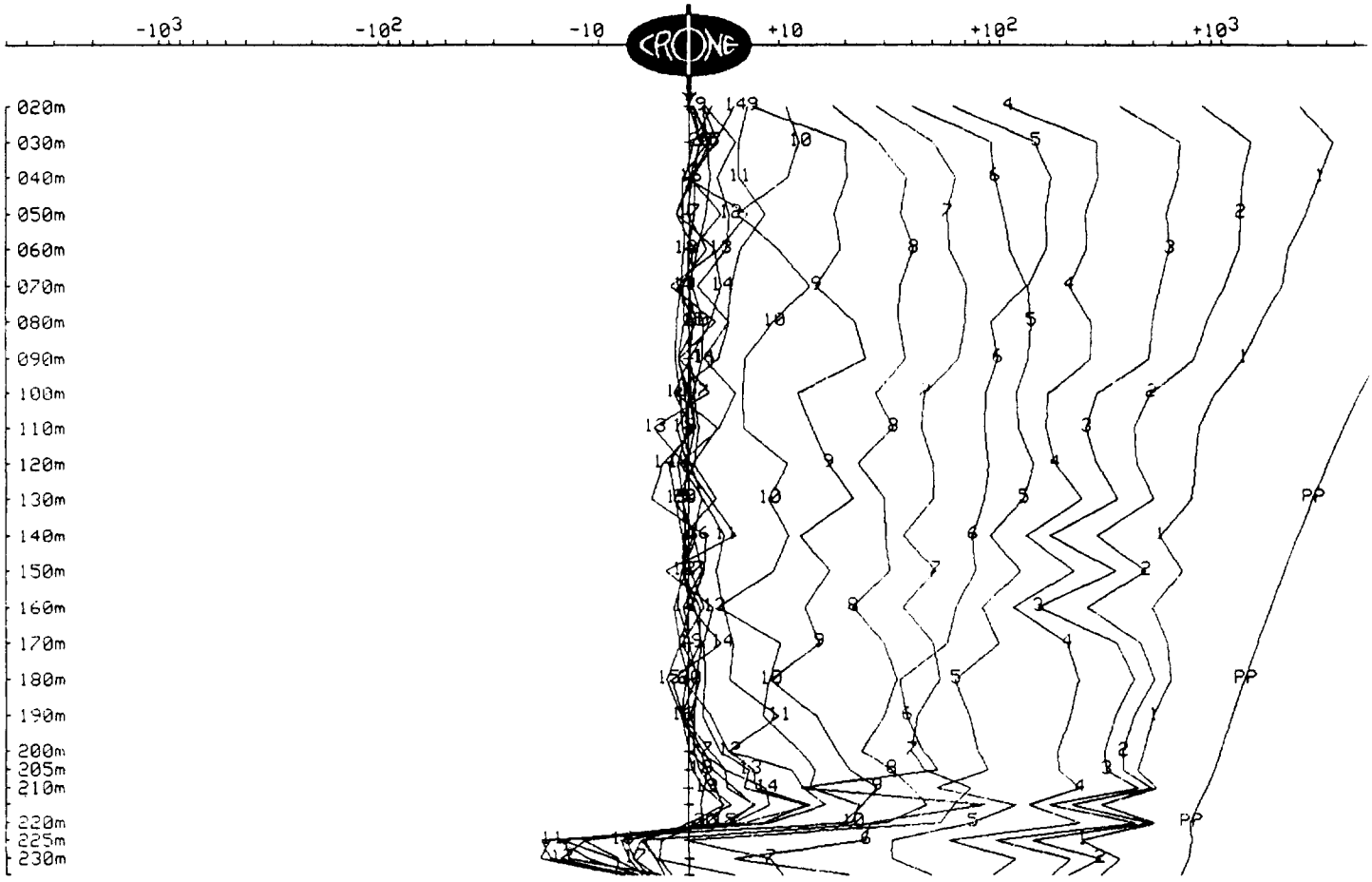

CRONE GEOPHYSICS & EXPLORATION LTD
VAL D'OR GEOPHYSIQUE LTEE
BOREHOLE PEM

Client	: NUINSCO	Hole	: NR96-28
Grid	: RAINY RIVER	Tx Loop	: S
Date	: May 23, 1996	File name	: 9628S.PEM

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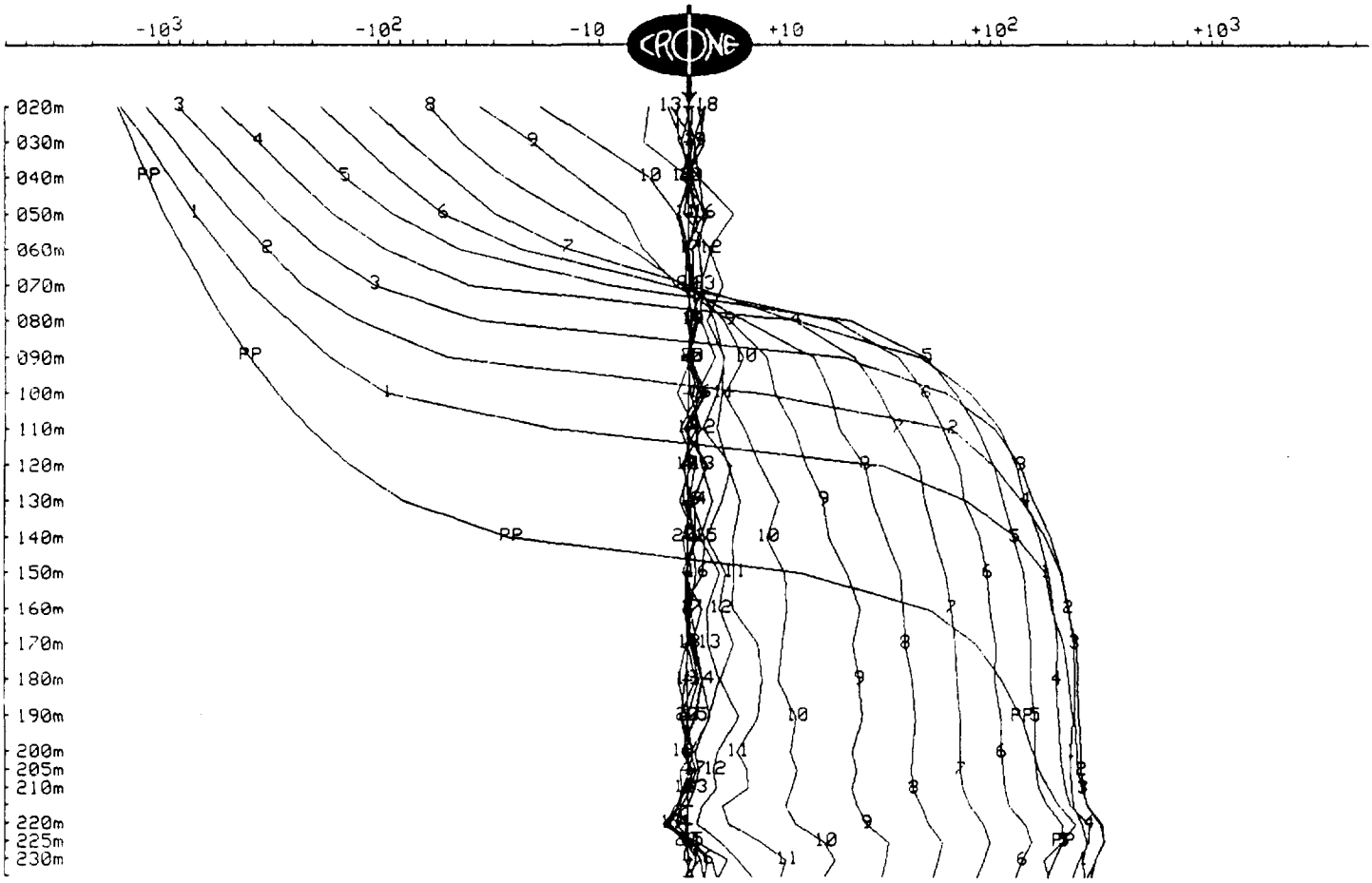
Scale: 1:2000



CRONE GEOPHYSICS & EXPLORATION LTD
VAL D'OR GEOPHYSIQUE LTEE
BOREHOLE PEM

Client	: NUINSCO	Hole	: NR96-28
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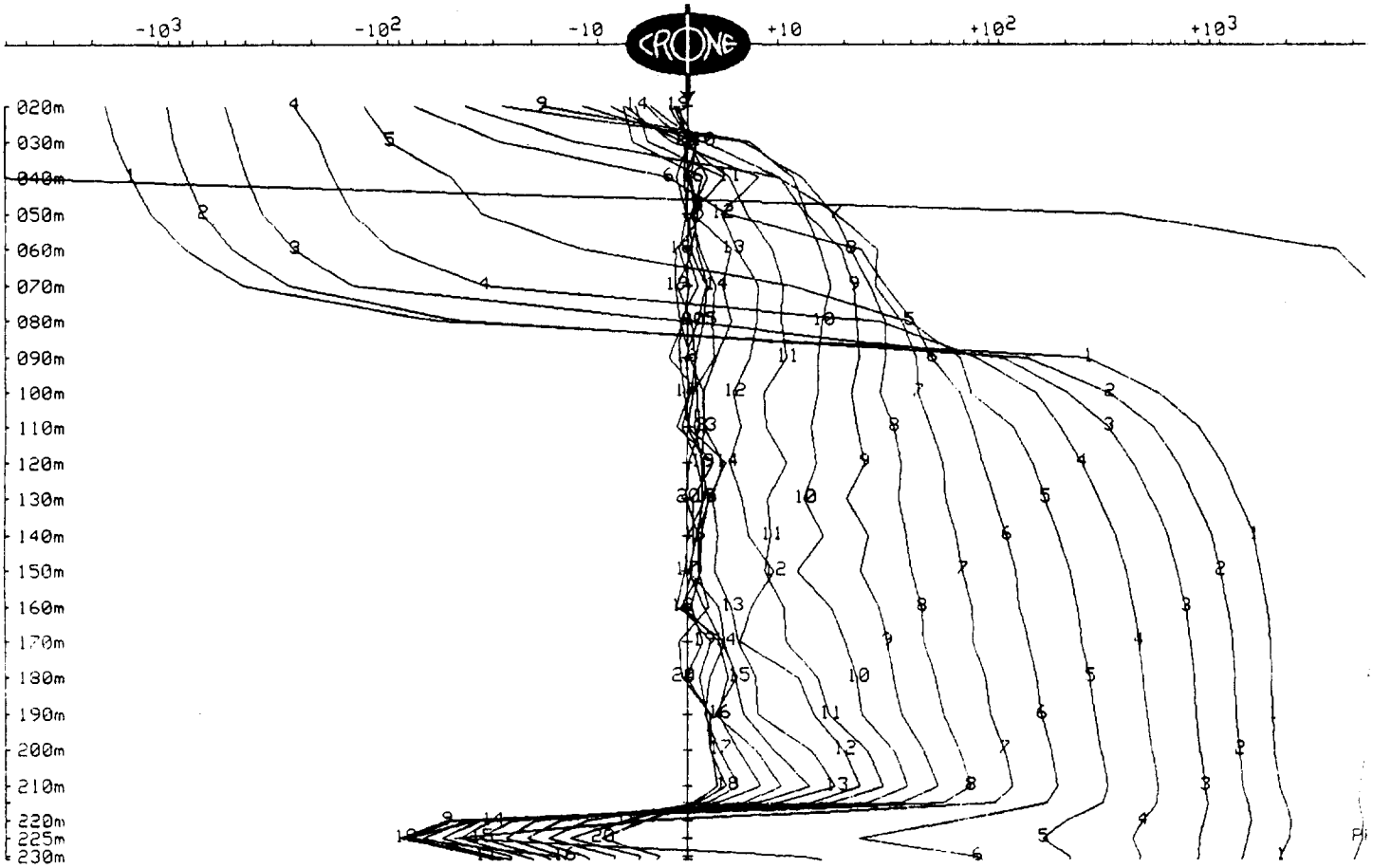

CRONE GEOPHYSICS & EXPLORATION LTD
VAL D'OR GEOPHYSIQUE LTEE
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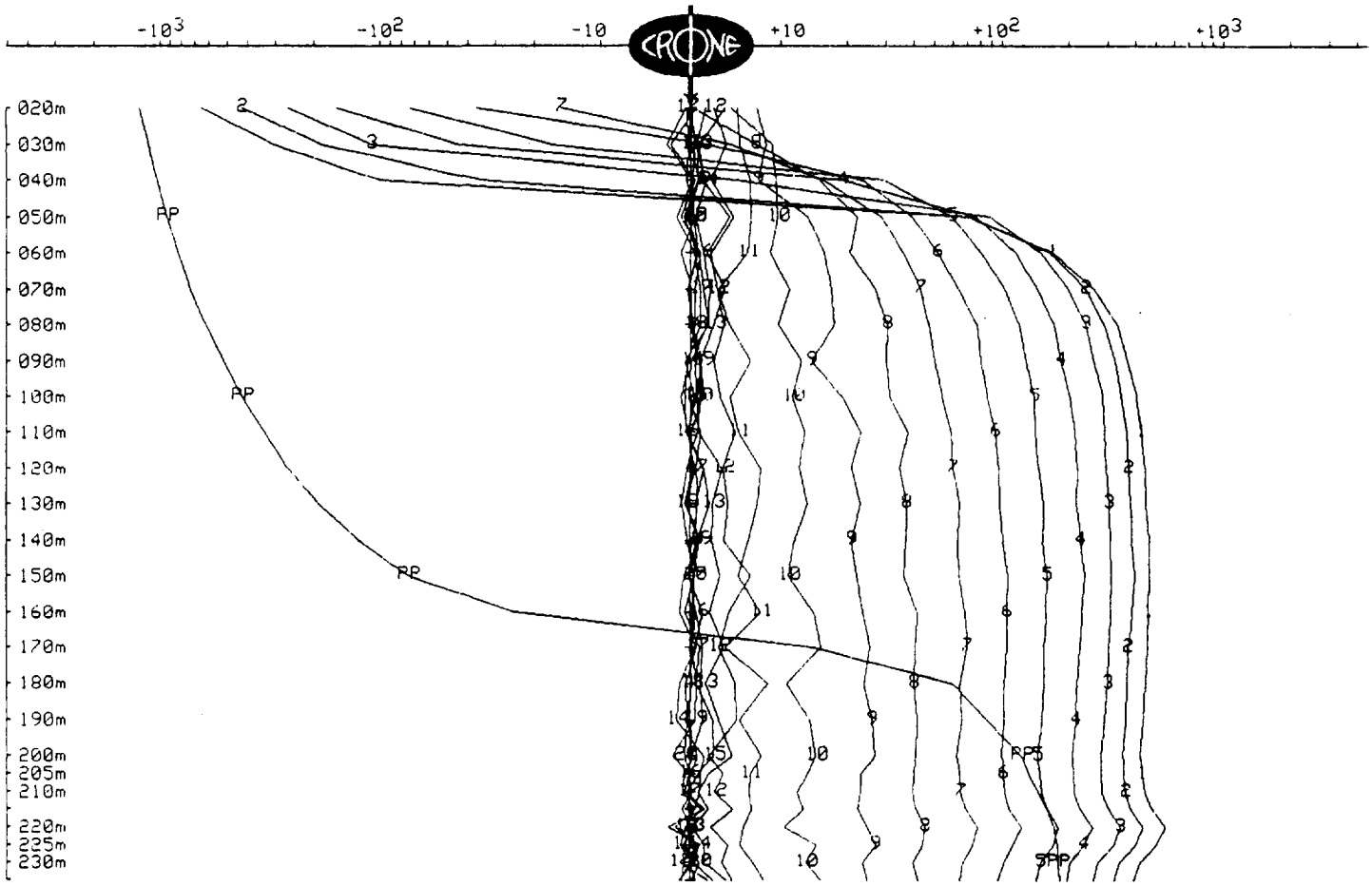

CRONE GEOPHYSICS & EXPLORATION LTD
VAL D'OR GEOPHYSIQUE LTEE
BOREHOLE PEM

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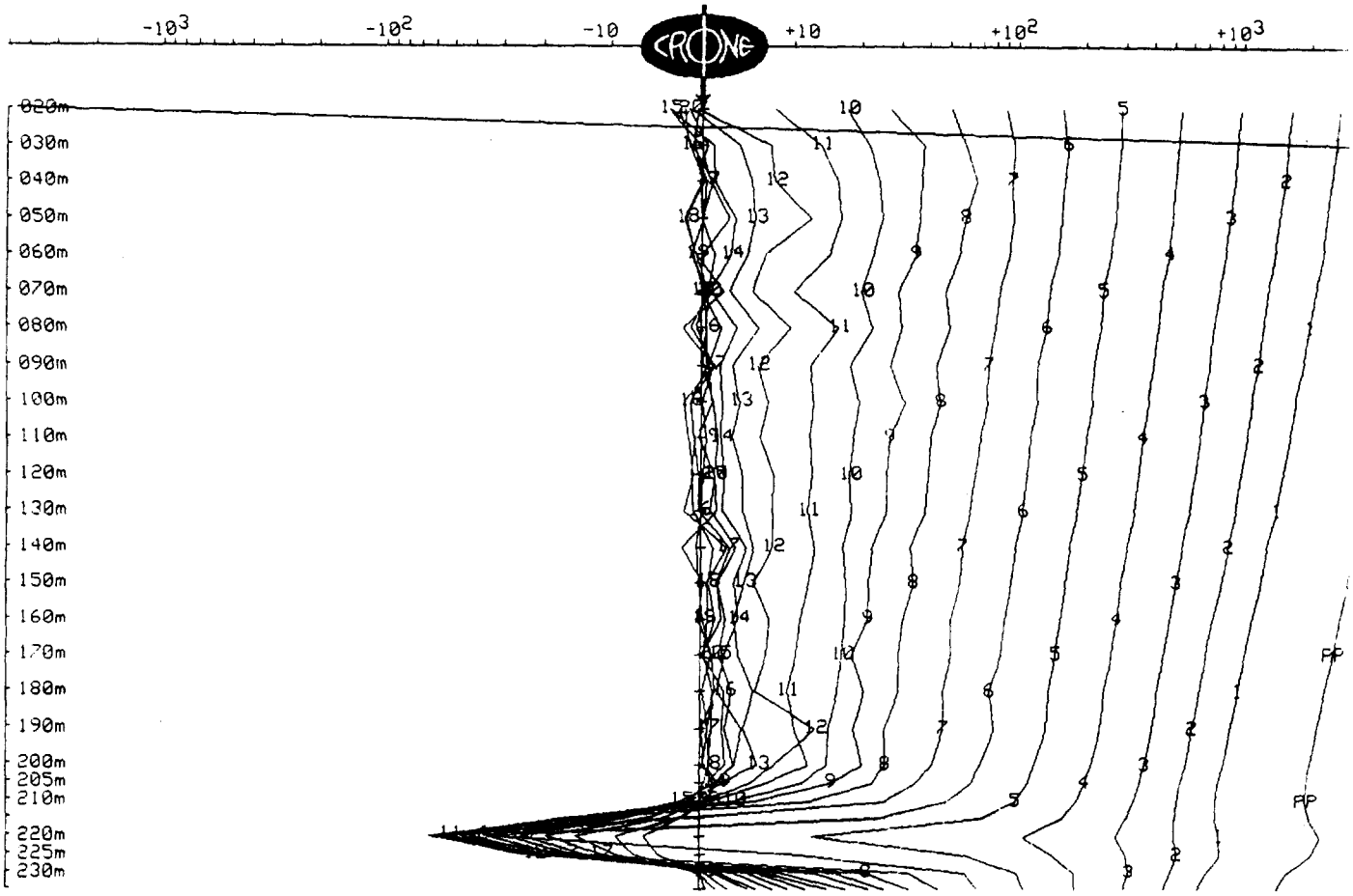

CRONE GEOPHYSICS & EXPLORATION LTD

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Date	: June 19, 1996	File name	: NR9631XY.PEM

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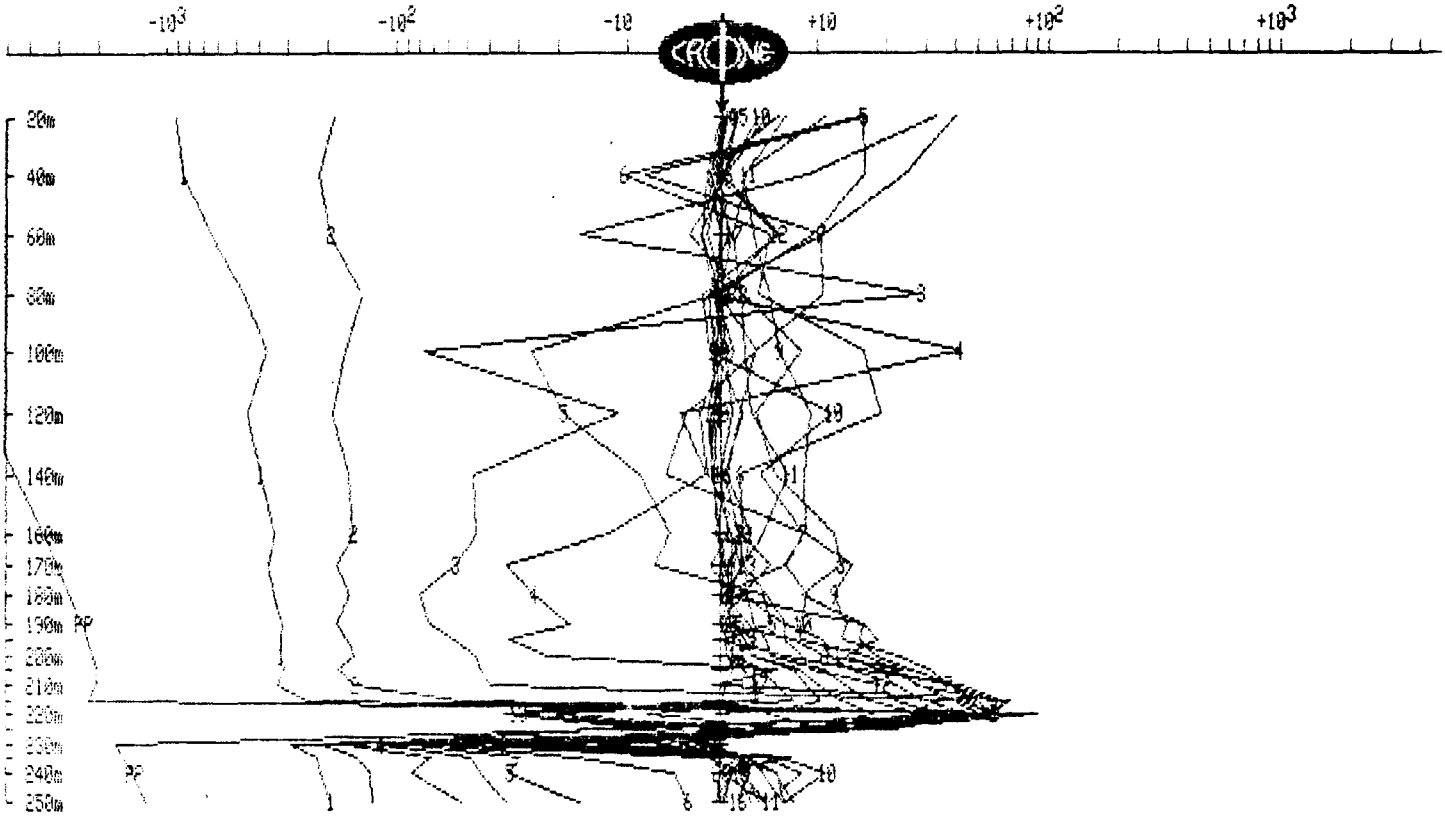

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Grid	: RAINY RIVER	Tx Loop	: #2
Date	: June 19, 1996	File name	: NR9631XY.PEM

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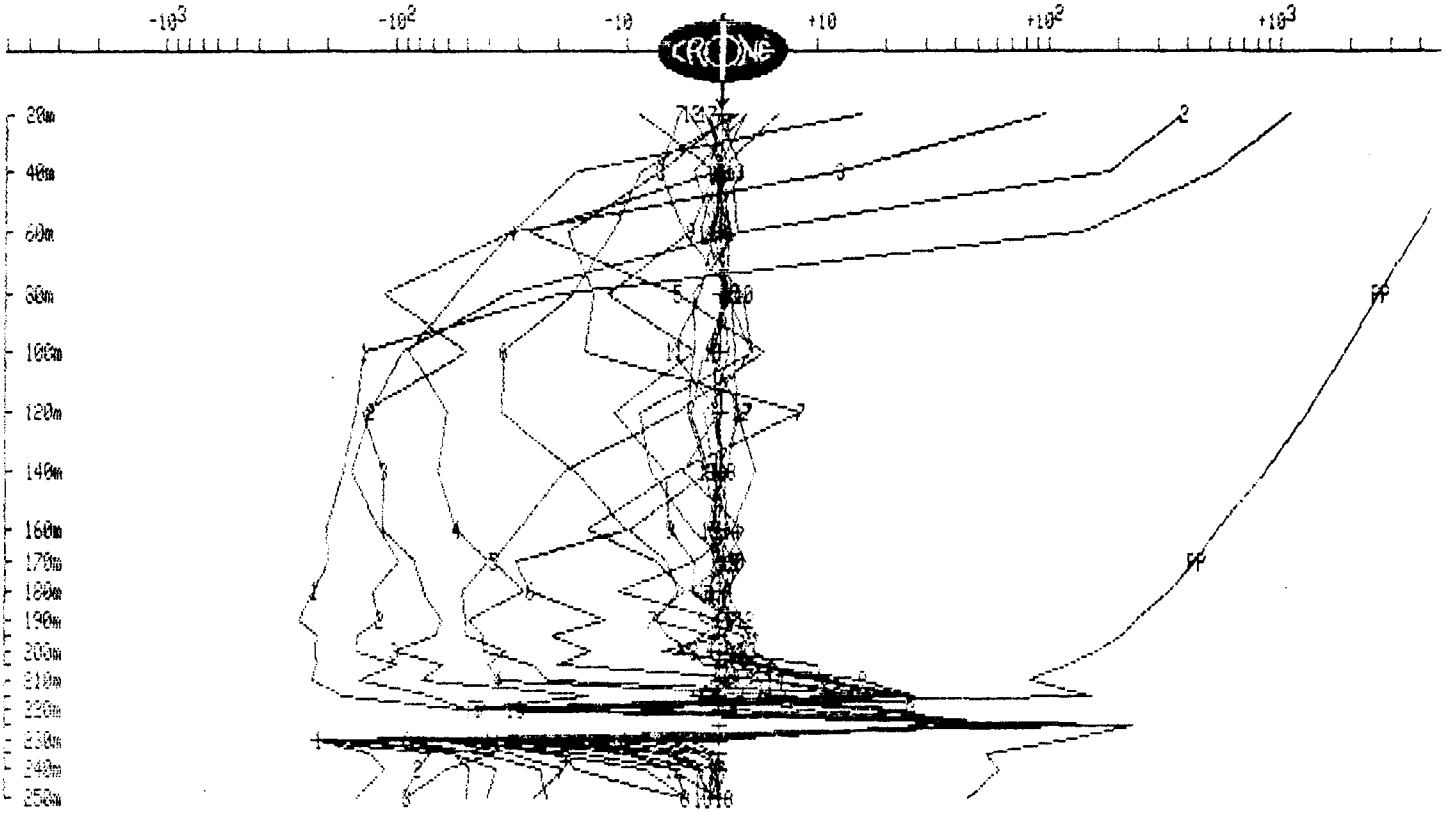
Scale: 1:2500



CRONE GEOPHYSICS & EXPLORATION LTD

BOREHOLE PEM

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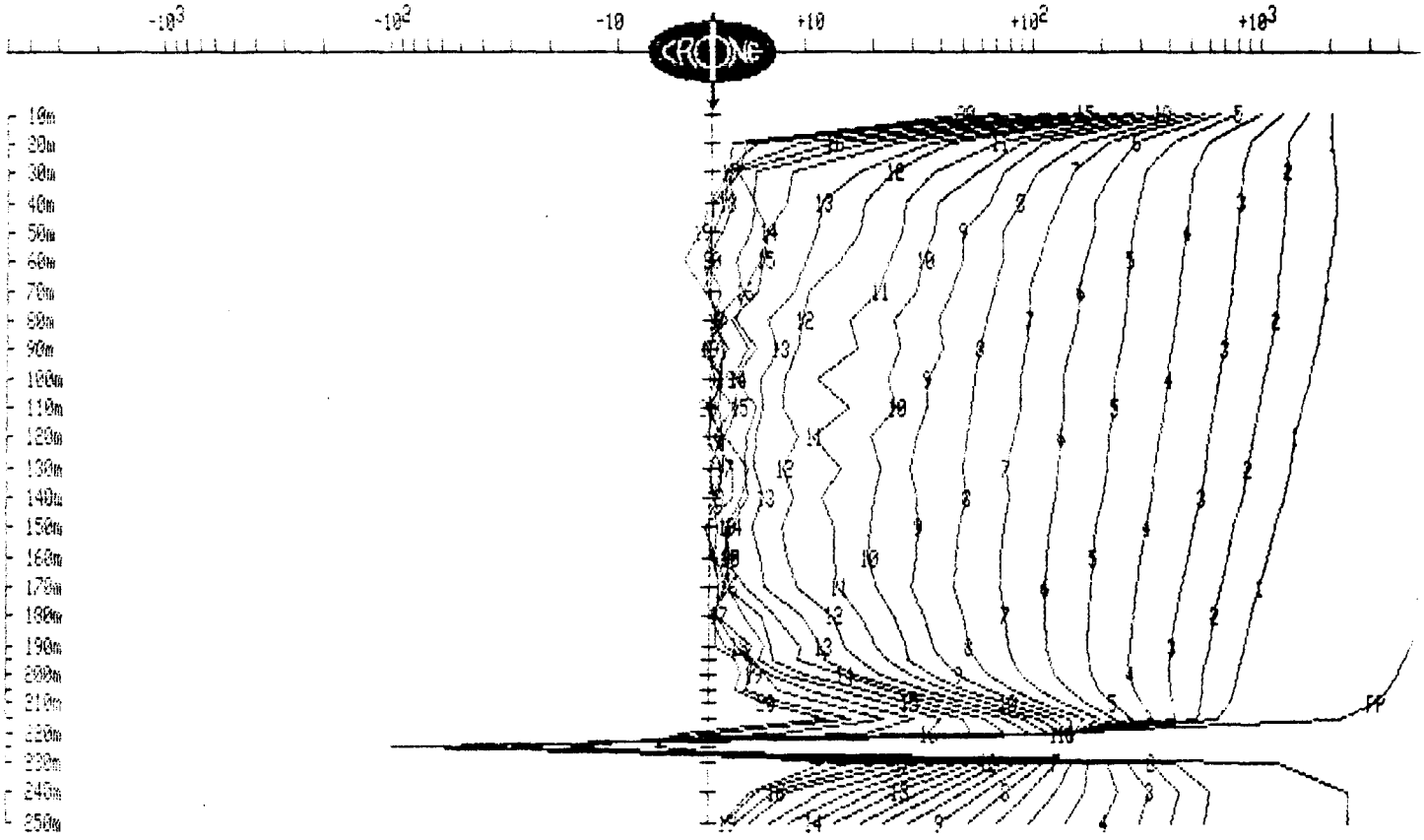
Grid	: RAINY RIVER	Tx Loop	: #2
Date	: June 19, 1996	File name	: NR9631Z.PEM

Z COMPONENT dBz/dt nanoTesla/sec - 20 channels and PP

Scale: 1:2500



Ministry of Northern Development and Mines

Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: W9610.00140

ERLIS

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

nstructions:
- Please type or print and submit in duplicat
- Refer to the Mining Act and Regulations fc Recorder.
- A separate copy of this form must be com
- Technical reports and maps must accompa
- A sketch, showing the claims the work is assigned to, must accompany this form.

52D16SE0011 W9610.00140 RICHARDSON

900

ecorded Holder(s): NUNSCO RESOURCES LTD		Client No.: 176866
ddress: 908 THE EAST MALL, ETOBICOKE		Telephone No.: (416) 626-0470
Mining Division: KENORA	Township/Area: RICHARDSON	M or G Plan No.: M2 115
Dates Work Performed — From: MARCH 28/96	To: APRIL 18/96	

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	
Physical Work, Including Drilling	DIAMOND DRILLING - 1,343.70 M
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

otal Assessment Work Claimed on the Attached Statement of Costs $ 107,976.71

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

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

Name	Address
PAUL JONES	RR #2 EMO ONT.
BRADLEY DIAMOND DRILLING	ROUYN-NORANDA, PQ.

ttach a schedule if necessary)

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

	Date	Recorded Holder or Agent (Signature)
I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Aug 23/96	Paul Pitman

ertification of Work Report

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

Name and Address of Person Certifying: PAUL PITMAN

Telephone No.	Date	Certified By (Signature)
(416) 626-0470	Aug 23/96	Paul Pitman

or Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
$107 977	Aug. 28/96		RECEIVED AUG 30 1996
	Deemed Approval Date: Nov. 26, 1996	Date Approved: Nov. 26, 1996	
	Date Notice for Amendments Sent		

41 (03/91)

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	LOT 5, N½ CON. I P. 5939 RICHARDSON	59.64 acres	47,025			47,025
	LOT 5, S½, CON. I P. 5614, RICHARDSON	63.94 acres	60,951			60,951
	Total Number of Claims:		Total Value Work Done: 107,976	Total Value Work Applied:	Total Assigned From:	Total Reserve: 107,976

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

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

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

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

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

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature [signature]	Date Aug 23/96

NEW FILE SUBMISSIONS

File Number

OMIP OPAP

Claim Holder **NUINSO RESOURCES LIMITED**

Township **RICHARDSON**

Mining Division **KENORA**

Report of Work # **W9610.00140**

Survey **PDRILL**

Shelved **03-2**

INFO Client Number **176866**

Notes

					Location and Description *Emplacement et description*	
02400 0000	THOMPSON ROYAL H		O	P	RICHARDSON CON 1 E1/2 S1/2	H P
	MANUEL HARRIET		O	P	LOT 9 PCL 15207	
W04 P001-0	1405 E HUBBELL ST				80.00AC	0101
	PHOENIX ARIZONA	85006				S F
PTNS 1						0100
02500 0000	TEEPLE DOUGLAS IRVIN		O	P	RICHARDSON CON 1 N1/2 LOT 10	H P
	TEEPLE VESTA MABEL		O	P	10 PCL 7654	
W04 P001-0	R R 1				158.00AC	0101
	STRATTON ONT	P0W 1N0				S F
PTNS 1						0100
02600 0000	TEEPLE DOUGLAS IRVIN		O	P	RICHARDSON CON 1 S1/2 LOT 10	H P
	TEEPLE VESTA MABEL		O	P	10 PCL 12083	
W04 P001-0	R R 1				160.00AC	0101
	STRATTON ONT	P0W 1N0				S F
PTNS 2						0100
02600 0001	TEEPLE DOUGLAS IRVIN		V		RICHARDSON CON 1 S1/2 LOT 10	H P
	TEEPLE VESTA MABEL				10 PCL 12083	
W04 P001-0	R R 1					0101
	STRATTON ONT	P0W 1N0				S F
						0100
02600 0002	TEEPLE DOUGLAS IRVIN		O	P	RICHARDSON CON 1 S1/2 LOT 10	H P
	TEEPLE VESTA MABEL		O	P		
W04 P001-0	R R 1					0101
	STRATTON ONT	P0W 1N0				S F
						0100
02700 0000	MUNRO C JOYCE		O	P	RICHARDSON CON 1 E1/2 N1/2	H P
	R R 1				LOT 11 PCL 13514	
W04 P001-0	STRATTON ONT	P0W 1N0			78.91AC	0101
						S F
PTNS 1						0100
02800 0000	NEILSON COLIN NOBLE		O	P	RICHARDSON CON 1 W1/2 N1/2	H P
NI	NEILSON DOROTHY PATRICIA		O	P	LOT 11 PCL 13467	
W04 P001-0	C/O COLIN N NEILSON				78.95AC	0101
	R R 1					S F
	STRATTON ONT	P0W 1N0				
PTNS 3						0100
02800 0001	NEILSON COLIN NOBLE		O	P	RICHARDSON CON 1 W1/2 N1/2	H P
NI	NEILSON DOROTHY PATRICIA		O	P	11	
W04 P001-0	R R 1					0101
	STRATTON ONT	P0W 1N0				S F
						0100
02800 0002	NEILSON COLIN NOBLE		O	P	RICHARDSON CON 1 W1/2 N1/2	H P
NI	NEILSON DOROTHY PATRICIA		O	P	LOT 11	
W04 P001-0	R R 1					0101
	STRATTON ONT	P0W 1N0				S F
						0100
02800 0003	RAINY RIVER PRESERVES CO		T	P	RICHARDSON CON 1 PT LOT 11	H P
NI	R R 1					
W04 P001-0	STRATTON ONT	P0W 1N0				0101
030%						S F
						0100
02900 0000	NEILSON DOROTHY PATRICIA		O	P	RICHARDSON CON 1 S1/2 LOT 11	H P
	NEILSON COLIN NOBLE		O	P	PCL 13137	
W04 P001-0	R R 1				160.00AC	0101
	STRATTON ONT	P0W 1N0				S F
03000 0000	NEILSON DOROTHY PATRICIA		O		RICHARDSON CON 1 N1/2 LOT 12	H
	NEILSON COLIN NOBLE		O	P	PCL 10273	
W04 P001-0	R R 1				205.86AC	01
	STRATTON ONT	P0W 1N0				S
PTNS 1						01
03100 0000	MCCORD CHAS T JR		O	P	RICHARDSON CON 1 S1/2 LOT 12	H
	SUITE 1705 BECK BLDG				PCL 11920	
W04 P001-0	SHREVEPORT LOUISIANA	USA			208.50AC	01
						S
PTNS 1						01
03200 0000	NATURAL RESOURCES MINISTRY		O	N	RICHARDSON CON 2 N1/2 LOT 1	H
	QUEEN'S PARK				160.00AC	
W04 P001-0	TORONTO ONT	M5S 1Z1				01
						S
PTNS 1						01
03300 0000	BOISE CASCADE CANADA LTD		O	X B	RICHARDSON CON 2 S1/2 LOT 1	H
	145 THIRD ST W				PCL 13804	
W04 P001-0	FORT FRANCES ONT	P9A 3N2			160.00AC	01
						S
PTNS 1					ASSESSED AS A PUBLICLY TRADED CORPORATION	01

					Location and Description *Emplacement et description*	
01000 0001 NI W04 P001-0	TEEPLE DOUGLAS IRVIN R R 1 STRATTON ONT POW 1NO		O	P	RICHARDSON CON 1 S1/2 LOT 4	H 01 S 01
01000 0002 NI W04 P001-0 030%	TEEPLE DOUGLAS IRVIN R R 1 STRATTON ONT POW 1NO		O	P	RICHARDSON CON 1 S1/2 LOT 4	H 01 S 01
01100 0000 W04 P001-0 PTNS 1	JACKSON BARRY JACKSON CHERYL JACKSON RUSSELL JACKSON JANET RFD #1 SPEER ILL 61479		O O O O	P P P P	RICHARDSON CON 1 N1/2 LOT 5 PCL 5939 147.39AC	H 01 S 01
01200 0000 W04 P001-0 PTNS 1	JACKSON BARRY JACKSON CHERYL JACKSON RUSSELL JACKSON JANET RFD #1 SPEER ILL 61479		O O O O	P P P P	RICHARDSON CON 1 S1/2 LOT 5 PCL 5614 158.01AC	H 01 S 01
01300 0000 NI W04 P001-0 PTNS 1	ELFVING SHAHIN SEDAGHAT 20 WAVERLY PLACE HILLSBOROUGH CA 94010		O	P	RICHARDSON CON 1 LOT 6 BEING PART E1/2 PCL 14408 155.44AC	H 01 S 01
01301 0000 NI W04 P001-0 PTNS 1	BAUMAN STEPHEN LLOYD R R 1 WATERLOO ONT N2J 4G8		O	P	RICHARDSON PT OF W1/2 LOT 6 CON 1 48R1961 PT 1 PCL 23322 2.76AC	H 01 S 01
01400 0000 W04 P001-0 PTNS 1	MORRISON JACK ELDON F 36 CORA CRES SCARBOROUGH ONT M1P 4M4		O	P	RICHARDSON CON 1 PT W1/2 AND PT E1/2 LOT 6 PCL 14407 158.76AC	H 01 S 01
01600 0000 W04 P001-0 PTNS 1	WEPRUK PAUL 1231 KINGS HIGHWAY FORT FRANCES ONT P9A 2X8		O	P	RICHARDSON CON 1 N PT LOT 7 PCL 4950 158.00AC OK	H 01 S 01
01700 0000 NI W04 P001-0 PTNS 1	GEORGESON DANIEL TERRANCE R R 1 STRATTON ONTARIO POW 1NO		O	P	RICHARDSON CON 1 S1/2 LOT 7 PCL 14462 158.00AC	H 010 S 010
01800 0000 W04 P001-0 PTNS 1	AGRICULTURAL REHABILITATION & DEVELOPMENT DIRECTOR OF ONTARIO AGRICULTURE & FOOD MINISTRY QUEEN'S PARK TORONTO ONT M7A 2B2		O	P	RICHARDSON CON 1 N1/2 LOT 8 PCL 4259 157.27AC	H 010 S 010
01900 0000 W04 P001-0 PTNS 1	AGRICULTURAL REHABILITATION & DEVELOPMENT DIRECTOR OF ONTARIO AGRICULTURE & FOOD MINISTRY QUEEN'S PARK TORONTO ONT M7A 2B2		O	P	RICHARDSON CON 1 E1/2 S1/2 LOT 8 PCL 5279 79.75AC	H 010 S 010
02000 0000 W04 P001-0 PTNS 1	BAGHDASARIAN VAROUJ 22757 STEVENS CREEK BLVD CUPERTINO CA 95014		O	P	RICHARDSON CON 1 W1/2 S1/2 LOT 8 PCL 17392 79.75AC	H P 010 S F 010
02100 0000 NI W04 P001-0 PTNS 1	RETTIG CLIFFORD C/O MADGE I NARTKER 1065 CLAIRMONT AVE NAPOLEON OHIO 43545		O	P	RICHARDSON CON 1 E1/2 N1/2 LOT 9 PCL 16342 78.66AC	H P 010 S F 010
02200 0000 NI W04 P001-0 PTNS 1	~~SMITH JOHN AYLMER~~ R R 1 STRATTON ONT POW 1NO WESTLEY AVE		O	P	RICHARDSON CON 1 W1/2 N1/2 LOT 9 PCL 14665 79.01AC	H P 010 S F 010
02300 0000 W04 P001-0 PTNS 1	CORLEY ROBT R 1214 GRETCHEN LANE BOSSIER CITY LA USA		O	P	RICHARDSON CON 1 W1/2 S1/2 LOT 9 PCL 17752 80.00AC	H P 010 S F 010

Now T. ROE?

					Location and Description *Emplacement et description*	
					EVALUE EN TANT QUE SOCIETES OUVERTES	H S
03400 0000	KERELIUK KATE		O	P	RICHARDSON CON 2 N1/2 LOT 2	H
	831 ARMIT AVE				PCL 10341	
W04 P001-0	FORT FRANCES ONT	P9A 3J2			159.50AC	01 S
PTNS 1						01
03500 0000	WEPRUK PAUL		O	P	RICHARDSON CON 2 S1/2 LOT 2	H
	1231 KINGS HWY				PCL 15881	
W04 P001-0	FORT FRANCES ONT	P9A 2X8			159.50AC	01 S
PTNS 1						01
03600 0000	HUITIKKA REINO		O	P	RICHARDSON CON 2 N1/2 LOT 3	H
	HUITIKKA HELEN		O	P	PCL 8742	
W04 P001-0	750 FIRST ST W				160.00AC	01
	FORT FRANCES ONT	P9A 2Z2				S
PTNS 1						01
03700 0000	HUITIKKA REINO		O	P	RICHARDSON CON 2 N1/2 S1/2	H
	HUITIKKA HELEN		O	P	LOT 3 PCL 11326	
W04 P001-0	750 FIRST ST W				80.00AC	01
	FORT FRANCES ONT	P9A 2Z2				S
PTNS 1						01
03800 0000	KERELIUK KATE		O	P	RICHARDSON CON 2 S1/2 S1/2	H
	831 ARMIT AVE				LOT 3 PCL 4635	
W04 P001-0	FORT FRANCES ONT	P9A 3V2			80.00AC	01 S
PTNS 1						01
03900 0000	ROEN HOWARD CARL		O	P	RICHARDSON CON 2 N1/2 LOT 4	H
	RR 1				PCL 10029	
W04 P001-0	STRATTON ONT	P0W 1N0			159.00AC	01 S
PTNS 2						01
03900 0001	ROEN HOWARD CARL		O	P	RICHARDSON CON 2 N1/2 LOT 4	H
	R R 1				PCL (10029)	
W04 P001-0	STRATTON ONT	P0W 1N0				01 S
					OK	0
03900 0002	ROEN HOWARD CARL		O	P	RICHARDSON CON 2 N1/2 LOT 4	H
	R R 1					
W04 P001-0	STRATTON ONT	P0W 1N0				0 S
						0
04000 0000	DAVIS ROBERT D		O	P	RICHARDSON CON 2 S1/2 LOT 4	H
	DAVIS JANET N		O	P	PCL 7064	
W04 P001-0	PO BOX 3513				155.00AC	0
	FULLERTON CA	~~92634~~				S
PTNS 2						0
04000 0001	DAVIS ROBERT D		O	P	RICHARDSON CON 2 S1/2 LOT 4	H
	DAVIS JANET N		O	P	PCL 7064	
W04 P001-0	PO BOX 3513					0
	FULLERTON CA	~~92634~~				S
PTNS 2						01
04000 0001	DAVIS ROBERT D		O	P	RICHARDSON CON 2 S1/2 LOT 4	H
	DAVIS JANET N		O	P	PCL 7064	
W04 P001-0	PO BOX 3513					01
	FULLERTON CA	~~92634~~				S
						01
04000 0002	DAVIS ROBERT D		O	P	RICHARDSON CON 2 S1/2 LOT 4	H
	DAVIS JANET N		O	P		
W04 P001-0	PO BOX 3513					01
	FULLERTON CA	~~92634~~				S
						01
04100 0000	SHWEDACK JOHN		O	P	RICHARDSON CON 2 N1/2 LOT 5	H
	SHWEDACK FLORENCE		O	P	PCL 8825 P-2343-1	
W04 P001-0	R R 1				154.61AC	01
	STRATTON ONT	P0W 1N0				S
PTNS 2						01
04100 0001	TRANSPORTATION MINISTRY		T	P	RICHARDSON CON 2 PT N1/2 L 5	H
	DIRECTOR SUBSIDIES BRANCH				82.87AC	
W04 P001-0	777 BAY ST 12TH FLOOR					01
	TORONTO ONT	M5G 2E5				S
						01
04100 0002	SHWEDACK JOHN		O	P	RICHARDSON CON 2 PT N1/2 LOT 5	H
	SHWEDACK FLORENCE		O	P	NEW RES & GARAGE	
W04 P001-0	R R 1					01
	STRATTON ONT	P0W 1N0				S
						01

				Location and Description *Emplacement et description*	
06100 0000	SCHOENMANN MARK HAROLD	O	P	RICHARDSON CON 3 N1/2 LOT	H
	5708 HWY 63 NORTH			PCL 14886	
W04 P001-0	ROCHESTER MINNESOTA 55904			160.00AC	01(
					S
PTNS 1					01(
06200 0000	NATURAL RESOURCES MINISTRY	O	N	RICHARDSON CON 3 S1/2 LOT 1	H
	QUEEN'S PARK			160.00AC	
W04 P001-0	TORONTO ONT M5S 1Z1				01(
					S
PTNS 1					010
06300 0000	BROWN DORA VIOLET	O	P	RICHARDSON CON 3 N1/2 LOT 2	H
NI	218 BRIDGE ST W			PCL 8071	
W04 P001-0	CAMPBELLFORD ONT K0L 1L0			159.50AC	010
					S
PTNS 1					010
06400 0000	NATURAL RESOURCES MINISTRY	O	N	RICHARDSON CON 3 S1/2 LOT 2	H
	QUEEN'S PARK			160.00AC	
W04 P001-0	TORONTO ONT M5S 1Z1				010
					S
PTNS 1					010
06500 0000	BROWN DORA VIOLET	O	P	RICHARDSON CON 3 N1/2 LOT 3	H
	BOX 142			PCL 8235	
W04 P001-0	33 MAIN ST APT 3			160.00AC	010
	WARKWORTH ONT K0K 3K0				S
PTNS 1					010
06600 0000	HOOK ROBERT	O	P	RICHARDSON CON 3 S1/2 LOT 3	H
	RT 1			PCL 17726	
W04 P001-0	PO BOX 175			160.00AC	010
	HEPHZIBAH GA 30815				S F
PTNS 1					010
06700 0000	DAVIS ROBERT D	O	P	RICHARDSON CON 3 N1/2 LOT 4	H
	DAVIS JANET N	O	P	PCL 11087	
W04 P001-0	BOX 3513			160.00AC	010
	FULLERTON CA 92634				S F
PTNS 1					010
06800 0000	STROM LORNA JOYCE	O	P	RICHARDSON CON 3 N1/2 S1/2	H
AN	STROM DAVID WILLIAM	O	P	LOT 4 PCL 14604	
W04 P001-0	R R 1			80.00AC	010
	FORT FRANCES ONT P9A 3M2				S F
PTNS 1					010
06900 0000	LOVEDAY EVELYN	O	P	RICHARDSON CON 3 S1/2 S1/2	H
	R R 2			LOT 4 PCL 9080	
W04 P001-0	EMO ONT P0W 1E0			80.00AC	010
					S F
PTNS 1					010
07000 0000	MCCLAIN EVA JENNIE	O	P	RICHARDSON CON 3 N1/2 LOT 5	H
NI	R R 1			PCL 12324	
W04 P001-0	STRATTON ONT P0W 1N0			160.00AC	010
					S F
PTNS 1					010
07100 0000	MCCLAIN GORDEN ELWOOD	O	P	RICHARDSON CON 3 S1/2 LOT 5	H
NI	MCCLAIN EVA JENNIE	O	P	PCL 22190	
W04 P001-0	RR 1			160.00AC	010
	STRATTON ONT P0W 1N0				S
PTNS 2					010
07100 0001	MCCLAIN EVA JENNIE	O	P	RICHARDSON CON 3 S1/2 LOT 5	H
NI	RR 1			PCL 22190	
W04 P001-0	STRATTON ONT P0W 1N0				010
					S
					010
07100 0002	MCCLAIN EVA JENNIE	O	P	RICHARDSON CON 3 S1/2 LOT 5	H
NI	R R 1				
W04 P001-0	STRATTON ONT P0W 1N0				010
					S
					010
07200 0000	NATURAL RESOURCES MINISTRY	O	N	RICHARDSON CON 3 N1/2 LOT 6	H
	QUEEN'S PARK			160.00AC	
W04 P001-0	TORONTO ONT M5S 1Z1				010
					S
PTNS 1					010
07300 0000	MOSE ED	O	P	RICHARDSON CON 3 N1/2 S1/2	H
	EMO ONT P0W 1E0			LOT 6 PCL 16927	
W04 P001-0				80.00AC	010
					S
PTNS 1					010

					Location and Description *Emplacement et description*	
07400 0000 NI W04 P001-0 PTNS 3	ROEN HOWARD CARL RR#1 STRATTON ONT POW 1NO		O	P	RICHARDSON CON 3 PT S1/2 LOT 6 ~~78.00~~AC	H F 010 S F 010
07400 0001 W04 P001-0	ROEN H KENNETH STRATTON ONT POW 1NO		T	P	RICHARDSON CON 3 PT LOT 6	H F 010 S F 010
07400 0002 W04 P001-0	ROEN HOWARD CARL R R 1 STRATTON ONT POW 1NO		O	P	RICHARDSON CON 3 PT S1/2 LOT 6	H F 010 S F 010
07400 0003 W04 P001-0	ROEN HOWARD CARL RR#1 STRATTON ONT POW 1NO		V		RICHARDSON CON 3 PT S1/2 LOT 6	H F 010 S F 010
07500 0000 W04 P001-0 PTNS 1	PETRI VICTOR NESTOR FALLS ONT POX 1KO		O	P	RICHARDSON CON 3 S PT LOT 6 PCL 10843 2.00AC	H F 010 S F 010
07600 0000 W04 P001-0 PTNS 1	NATURAL RESOURCES MINISTRY QUEEN'S PARK TORONTO ONT M5S 1Z1		O	N	RICHARDSON CON 3 N1/2 LOT 7 160.00AC	H F 010 S F 010
07700 0000 W04 P001-0 PTNS 1	HOOK ROBERT RT 1 PO BOX 175 HEPHZIBAH GA 30815		O	P	RICHARDSON CON 3 E1/2 S1/2 LOT 7 PCL 17725 80.00AC	H F 010 S F 010
07800 0000 W04 P001-0 PTNS 1	AGRICULTURAL REHABILITATION & DEVELOPMENT DIRECTOR OF ONTARIO AGRICULTURE & FOOD MINISTRY QUEEN'S PARK TORONTO ONT M7A 2B2		O	P	RICHARDSON CON 3 W1/2 S1/2 LOT 7 PCL 8070 80.00AC	H F 010 S F 010
07900 0000 W04 P001-0 PTNS 1	AGRICULTURAL REHABILITATION & DEVELOPMENT DIRECTOR OF ONTARIO AGRICULTURE & FOOD MINISTRY QUEEN'S PARK TORONTO ONT M7A 2B2		O	P	RICHARDSON CON 3 N1/2 LOT 8 PCL 14238 159.50AC	H F 010 S F 010
08000 0000 W04 P001-0 PTNS 1	AGRICULTURAL REHABILITATION & DEVELOPMENT DIRECTOR OF ONTARIO AGRICULTURE & FOOD MINISTRY QUEEN'S PARK TORONTO ONT M7A 2B2		O	P	RICHARDSON CON 3 S1/2 LOT 8 PCL 4947 159.50AC	H F 010 S F 010
08100 0000 W04 P001-0 PTNS 1	NATURAL RESOURCES MINISTRY QUEEN'S PARK TORONTO ONT M5S 1Z1		O	N	RICHARDSON CON 3 N1/2 LOT 9 159.50AC	H F 010 S F 01
08200 0000 W04 P001-0 PTNS 1	ELUIK MICHAL ELUIK JOHN ELUIK NICK BOX 813 SIOUX LOOKOUT ONT POV 2TO		O O O	P P P	RICHARDSON CON 3 S1/2 LOT 9 PCL 13275 159.50AC	H 0 S 0
08300 0000 W04 P001-0 PTNS 1	BENDER GEO W 2121 SO AIDA AVE TUCSON ARIZONA 85710		O	P	RICHARDSON CON 3 N1/2 LOT 10 PCL 16307 158.50AC	H 0 S 0
08400 0000 W04 P001-0 PTNS 1	NATURAL RESOURCES MINISTRY QUEEN'S PARK TORONTO ONT M5S 1Z1		O	N	RICHARDSON CON 3 S1/2 LOT 10 10 158.50AC	H 0 S 0
08500 0000 W04 P001-0 PTNS 1	GIBBS BARBARA MAE PO BOX 1129 SUMMERLAND B C VOH 1ZO		O	P	RICHARDSON CON 3 N1/2 LOT 11 PCL 10152 159.50AC	I 0 S 0

					Location and Description *Emplacement et description*	
10100 0000	FITE LAWRENCE C		0	P	RICHARDSON CON 4 NW1/2 N1/2	H
	FITE JAMES BRADLEY		0	P	LOT 6 PCL 19062	
W04 P001-0	FITE DAVID		0	P	40.00AC	01(
	2250 EMMA ROAD					S
	PO BOX 164					
PTNS 1	BASALT COLORADO	81621				01(
10200 0000	DILENA NICHOLAS		0	P	RICHARDSON CON 4 SW1/2 N1/2	H
	LIEDLICH HARRY		0	P	LOT 6 PCL 19336	
W04 P001-0	2544 W WINSTON RD				40.00AC	01(
	APT C3					S
	ANAHEIM CA	92804				
PTNS 1						01(
10300 0000	UPTON MARGARET LOUISE		0	P	RICHARDSON CON 4 SE1/4 S1/2	H
NI	UPTON WALTER ABRAHAM		0	P	LOT 6 PCL 21217	
W04 P001-0	5505 N 1320 WEST #36				40.00AC	01(
	ST GEORGE UTAH	84770				S
PTNS 1						01(
10400 0000	NATURAL RESOURCES MINISTRY		0	N	RICHARDSON CON 4 S1/2 LOT 6	H
	QUEEN'S PARK				161.00AC	
W04 P001-0	TORONTO ONT	M5S 1Z1				01(
						S
PTNS 1						01(
10500 0000	MARR DORTHE VICTORIA		0	P	RICHARDSON CON 4 N1/2 N1/2	H
	BLACKHAWK ONT	P0W 1B0			LOT 7 PCL 12806	
W04 P001-0					80.00AC	01(
						S
PTNS 3						01(
10500 0001	MARR DORTHE VICTORIA		0	P	RICHARDSON CON 4 N1/2 N1/2	H
	BLACKHAWK ONT	P0W 1B0			LOT 7 PCL 12806	
W04 P001-0						01(
						S
						01(
10500 0002	MARR DORTHE VICTORIA		0	P	RICHARDSON CON 4 N1/2 N1/2	H
	BLACKHAWK ONT	P0W 1B0			LOT 7	
W04 P001-0						01(
						S
						01(
10500 0003	MARR DORTHE VICTORIA		0	P	RICHARDSON CON 4 N1/2 N1/2	H
	BLACKHAWK ONT	P0W 1B0			LOT 7	
W04 P001-0						01(
030%						S
						01(
10600 0000	NATURAL RESOURCES MINISTRY		0	N	RICHARDSON CON 4 S1/2 N1/2	H
	QUEEN'S PARK				LOT 7	
W04 P001-0	TORONTO ONT	M5S 1Z1			80.00AC	01(
						S
PTNS 1						01(
10700 0000	SCHAEFER HEINZ J		0	P	RICHARDSON CON 4 N1/2 S1/2	H
	56 WUPPERTAL				LOT 7 PCL 21213	
W04 P001-0	I VON DER TANNSTR 5				80.00AC	01(
	WEST GERMANY					S
PTNS 1						01(
10800 0000	SMITH LAWRENCE WILLIAM		0	P	RICHARDSON CON 4 S1/2 S1/2	H
	PO BOX 525				LOT 7 PCL 15282	
W04 P001-0	EDGEMONT SOUTH DAKOTA	57735			80.00AC	01(
						S
PTNS 1						01
10900 0000	NATURAL RESOURCES MINISTRY		0	N	RICHARDSON CON 4 N1/2 LOT 8	H
	QUEEN'S PARK				160.50AC	
W04 P001-0	TORONTO ONT	M5S 1Z1				01
						S
PTNS 1						01
11000 0000	NATURAL RESOURCES MINISTRY		0	N	RICHARDSON CON 4 S1/2 LOT 8	H
	QUEEN'S PARK				160.50AC	
W04 P001-0	TORONTO ONT	M5S 1Z1				01
						S
PTNS 1						01
11100 0000	NATURAL RESOURCES MINISTRY		0	N	RICHARDSON CON 4 N1/2 LOT 9	H
	QUEEN'S PARK				160.50AC	
W04 P001-0	TORONTO ONT	M5S 1Z1				01
						S
PTNS 1						01
11200 0000	NATURAL RESOURCES MINISTRY		0	N	RICHARDSON CON 4 S1/2 LOT 9	H
	QUEEN'S PARK				160.50AC	
W04 P001-0	TORONTO ONT	M5S 1Z1				01
						S
PTNS 1						01

11300 0000	FAY LEO G ESTATE		O	P	RICHARDSON CON 4 E PT N1/2	
NI	FAY MERNA H		O	P	LOT 10 PCL 18406	
W04 P001-0	3497 STODDARD				4.96AC	01
	SAN BERNARDINO CALIF	USA				S
PTNS 1						01
11400 0000	WIELER PAUL A		O	P	RICHARDSON CON 4 N1/2 LOT 10	
	1664 HALSEY ST				PCL 15505	
W04 P001-0	REDLANDS CA	92373			154.04AC	01
						S
PTNS 1						01
11500 0000	NATURAL RESOURCES MINISTRY		O	N	RICHARDSON CON 4 S1/2 LOT 10	
	QUEEN'S PARK				10	
W04 P001-0	TORONTO ONT	M5S 1Z1			159.00AC	01
						S
PTNS 1						01
11600 0000	CASH EDWARD		O	P	RICHARDSON CON 4 N1/2 LOT 11	
	CASH MARY E		O R	P	PCL 4955	
W04 P001-0	6365 RAYDEL COURT				160.00AC	01
	SAN DIEGO CALIF 92120	USA				S
PTNS 1						01
11700 0000	NATURAL RESOURCES MINISTRY		O	N	RICHARDSON CON 4 S1/2 LOT 11	
	QUEEN'S PARK				11	
W04 P001-0	TORONTO ONT	M5S 1Z1			160.00AC	01
						S
PTNS 1						01
11800 0000	NATURAL RESOURCES MINISTRY		O	N	RICHARDSON CON 4 N1/2 LOT 12	
	QUEEN'S PARK				12	
W04 P001-0	TORONTO ONTARIO	M5S 1Z1			208.50AC	01
						S
PTNS 1						01
12000 0000	NEILSON RICHARD ADAM		O	P	RICHARDSON CON 4 S1/2 LOT 12	
	NEILSON LINDA FAYE		O	P	PCL 11883 14442	
W04 P001-0	RR#1				208.50AC	01
	STRATTON ONT	P0W 1N0				S
PTNS 2						01
12000 0001	NEILSON RICHARD ADAM		O	P	RICHARDSON CON 4 S1/2 LOT 12	
	NEILSON LINDA FAYE		O	P	PCL 11883 14442	
W04 P001-0	R R 1					01
	STRATTON ONT	P0W 1N0				S
						01
12000 0002	NEILSON RICHARD ADAM		O	P	RICHARDSON CON 4 S1/2 LOT 12	
	NEILSON LINDA FAYE		O	P		
W04 P001-0	R R 1					01
	STRATTON ONT	P0W 1N0				S
						01
12100 0000	QUANDT GARY RONALD		O	P	RICHARDSON CON 5 N PT BRKN	
	MARTIN STEVEN DONALD		O	P	LOT 1 PCL 9523	
W04 P001-0	2524 14TH AVE N W				160.00AC	01
	ROCHESTER MINN	55901				S
PTNS 1						01
12200 0000	NATURAL RESOURCES MINISTRY		O	N	RICHARDSON CON 5 S1/2 LOT 1	
	QUEEN'S PARK				140.00AC	
W04 P001-0	TORONTO ONTARIO	M5S 1Z1				0
						S
PTNS 1						0
12300 0000	NATURAL RESOURCES MINISTRY		O	N	RICHARDSON CON 5 N1/2 LOT 2	
	QUEEN'S PARK				158.50AC	
W04 P001-0	TORONTO ONTARIO	M5S 1Z1				010
						S
PTNS 1						010
12400 0000	NATURAL RESOURCES MINISTRY		O	N	RICHARDSON CON 5 S1/2 LOT 2	
	QUEEN'S PARK				158.50AC	
W04 P001-0	TORONTO ONTARIO	M5S 1Z1				010
						S
PTNS 1						010
12500 0000	NATURAL RESOURCES MINISTRY		O	N	RICHARDSON CON 5 N1/2 LOT 3	
	QUEEN'S PARK				159.00AC	
W04 P001-0	TORONTO ONT	M5S 1Z1				010
						S
PTNS 1						010
12600 0000	TALBOT THOMAS		O	P	RICHARDSON CON 5 S1/2 LOT 3	
	11 ROSEWARNE AVE				PCL 16853	
W04 P001-0	WINNIPEG MAN	R2M 0V8			159.00AC	010
						S
PTNS 1						010

					Emplacement et description	
					EVALUE EN TANT QUE SOCIETES OUVERTES	H S
03400 0000 W04 P001-0 PTNS 1	KERELIUK KATE 831 ARMIT AVE FORT FRANCES ONT P9A 3J2		0	P	RICHARDSON CON 2 N1/2 LOT 2 PCL 10341 159.50AC	H 01 S 01
03500 0000 W04 P001-0 PTNS 1	WEPRUK PAUL 1231 KINGS HWY FORT FRANCES ONT P9A 2X8		0	P	RICHARDSON CON 2 S1/2 LOT 2 PCL 15881 159.50AC	H 01 S 01
03600 0000 W04 P001-0 PTNS 1	HUITIKKA REINO HUITIKKA HELEN 750 FIRST ST W FORT FRANCES ONT P9A 2Z2		0 0	P P	RICHARDSON CON 2 N1/2 LOT 3 PCL 8742 160.00AC	H 01 S 01
03700 0000 W04 P001-0 PTNS 1	HUITIKKA REINO HUITIKKA HELEN 750 FIRST ST W FORT FRANCES ONT P9A 2Z2		0 0	P P	RICHARDSON CON 2 N1/2 S1/2 LOT 3 PCL 11326 80.00AC	H 01 S 01
03800 0000 W04 P001-0 PTNS 1	KERELIUK KATE 831 ARMIT AVE FORT FRANCES ONT P9A 3V2		0	P	RICHARDSON CON 2 S1/2 S1/2 LOT 3 PCL 4635 80.00AC	H 01 S 01
03900 0000 W04 P001-0 PTNS 2	ROEN HOWARD CARL RR 1 STRATTON ONT P0W 1N0		0	P	RICHARDSON CON 2 N1/2 LOT 4 PCL 10029 159.00AC	H 01 S 01
03900 0001 W04 P001-0	ROEN HOWARD CARL R R 1 STRATTON ONT P0W 1N0		0	P	RICHARDSON CON 2 N1/2 LOT 4 PCL 10029	H 01 S 01
03900 0002 W04 P001-0	ROEN HOWARD CARL R R 1 STRATTON ONT P0W 1N0		0	P	RICHARDSON CON 2 N1/2 LOT 4	H 01 S 01
04000 0000 W04 P001-0 PTNS 2	DAVIS ROBERT D DAVIS JANET N PO BOX 3513 FULLERTON CA 92634		0 0	P P	RICHARDSON CON 2 S1/2 LOT 4 PCL 7064 155.00AC	H 01 S 01
04000 0001 W04 P001-0 PTNS 2	DAVIS ROBERT D DAVIS JANET N PO BOX 3513 FULLERTON CA 92634		0 0	P P	RICHARDSON CON 2 S1/2 LOT 4 PCL 7064	H 01 S 01
04000 0002 W04 P001-0	DAVIS ROBERT D DAVIS JANET N PO BOX 3513 FULLERTON CA 92634		0 0	P P	RICHARDSON CON 2 S1/2 LOT 4	H 01 S 01
04100 0000 W04 P001-0 PTNS 2	SHWEDACK JOHN SHWEDACK FLORENCE R R 1 STRATTON ONT P0W 1N0		0 0	P P	RICHARDSON CON 2 N1/2 LOT 5 PCL 8825 P-2343-1 154.61AC	H 01 S 01
04100 0001 W04 P001-0	TRANSPORTATION MINISTRY DIRECTOR SUBSIDIES BRANCH 777 BAY ST 12TH FLOOR TORONTO ONT M5G 2E5		T	P	RICHARDSON CON 2 PT N1/2 L 5 82.87AC	H 01 S 01
04100 0002 W04 P001-0	SHWEDACK JOHN SHWEDACK FLORENCE R R 1 STRATTON ONT P0W 1N0		0 0	P P	RICHARDSON CON 2 PT N1/2 LOT 5 NEW RES & GARAGE	H 01 S 01

04905 0000	AGRICULTURAL REHABILITATION & DEVELOPMENT DIRECTOR		O	P	RICHARDSON CON 2 N1/2 S1/2 LOT 8 PCL 22496	H
W04 P001-0	OF ONTARIO AGRICULTURE & FOOD MINISTRY QUEEN'S PARK				79.25AC	01 S
PTNS 1	TORONTO ONT	M7A 2B2				01
05000 0000	SMITH DALTON RAYMOND		O	P	RICHARDSON CON 2 N1/2 LOT 9	H
NI	SMITH HEATHER SUSAN		O	P	PCL 6520	
W04 P001-0	ATKINS MARGARET SHAN		O	P	158.00AC	01 S
	R R 2					
	EMO ONT	P0W 1E0				
PTNS 1						01
05100 0000	SHELTON REAMY WILLIAM		O	P	RICHARDSON CON 2 E1/2 S1/2	H
	SHELTON WILMA BERNICE		O	P	LOT 9 PCL 18580	
W04 P001-0	3117-W5TH ST				78.30AC	01 S
	GREELEY COLORADO	80631				
PTNS 1						01
05200 0000	HENDRICK FRANCES B		O	P	RICHARDSON CON 2 W1/2 S1/2	H
	RTE #1 BOX 290				LOT 9 PCL 16630	
W04 P001-0	TWO HARBORS MINNESOTA	55616			78.50AC	01 S
PTNS 1						01
05300 0000	CROSWELL KEVIN ALLAN		O	P	RICHARDSON CON 2 N1/2 LOT 10	H
	R R 2				PCL 10746	
W04 P001-0	EMO ONTARIO	P0W 1E0			159.00AC	01 S
PTNS 1						01
05400 0000	NEWBURG DOUGLAS		O	P	RICHARDSON CON 2 S1/2 LOT 10	H
	NEWBURG RONALD		O	P	PCL 5455	
W04 P001-0	THOMPSON AUDREY		O	P	157.00AC	01 S
	C/O MR JOHN NEWBURG					
	R R 7					
PTNS 1	ORILLIA ONT	L3V 6H7				01
05500 0000	EDWARDS GARTH RICHARD		O	P	RICHARDSON CON 2 N1/2 LOT 11	H
NI	PO BOX 3189				PCL 14196	
W04 P001-0	ATHABASCA ALBERTA	T0G 0B0			159.00AC	01 S
PTNS 1						01
05600 0000	THOMPSON ROYAL H		O	P	RICHARDSON CON 2 E1/2 S1/2	H
	MANUEL HARRIET T		O	P	LOT 11 PCL 4801	
W04 P001-0	1405 E HUBBELL ST				78.75AC	01 S
	PHOENIX ARIZONA	85006				
PTNS 1						01
05700 0000	DEISZ DONALD ESTATE		O	P	RICHARDSON CON 2 W1/2 S1/2	H
NI	C/O DONNA G BAILEY				LOT 11 PCL 16343	
W04 P001-0	RT #1 BOX 371				78.75AC	01 S
	CLEBURNE TX	76031				
PTNS 1						01
05800 0000	LEBLANC ROBERT DEAN		O	P	RICHARDSON CON 2 N1/2 LOT 12	H
	LEBLANC LORETTA		O	P	PCL 7180	
W04 P001-0	RR#1				206.00AC	01 S
	STRATTON ONT	P0W 1N0				
PTNS 1						01
05900 0000	KOZACHENKO BYRTLE ALEXANDER		O	P	RICHARDSON CON 2 E1/2 S1/2	H
NI	R R 1				LOT 12 PCL 13681	
W04 P001-0	STRATTON ONT	P0W 1N0			98.75AC	01 S
05900 0001	CARMODY TROY		T	P	RICHARDSON CON 2 E1/2 S1/2	H
NI	R R 1				LOT 12 PCL 13681	
W04 P001-0	STRATTON ONT	P0W 1N0				010 S
						010
06000 0000	LEBLANC CLEMENT RUSSELL		O	P	RICHARDSON CON 2 W1/2 S1/2	H
NI	LEBLANC ROBERT DEAN		O	P	LOT 12 PCL 7320	
W04 P001-0	LEBLANC LORETTA LENORE		O	P	104.64AC	010 S
	R R 1					
	STRATTON ONT	P0W 1N0				
PTNS 2						010
06000 0001	LEBLANC CLEMENT RUSSELL		O	P	RICHARDSON CON 2 W1/2 S1/2	H
NI	R R 1				LOT 12 PCL 7320	
W04 P001-0	SLEEMAN ONT	P0W 1N0				010 S
						010
06000 0002	LEBLANC CLEMENT RUSSELL		O	P	RICHARDSON CON 2 W1/2 S1/2	H
	LEBLANC ROBERT DEAN		O	P	LOT 12	
W04 P001-0	LEBLANC LORETTA LENORE		O	P		010 S
	R R 1					
	STRATTON ONT	P0W 1N0				010

				Location and Description Improvement or description	
06100 0000 W04 P001-0 PTNS 1	SCHOENMANN MARK HAROLD 5708 HWY 63 NORTH ROCHESTER MINNESOTA 55904	O	P	RICHARDSON CON 3 N1/2 LOT PCL 14886 160.00AC	H 010 S 010
06200 0000 W04 P001-0 PTNS 1	NATURAL RESOURCES MINISTRY QUEEN'S PARK TORONTO ONT M5S 1Z1	O	N	RICHARDSON CON 3 S1/2 LOT 1 160.00AC	H 010 S 010
06300 0000 NI W04 P001-0 PTNS 1	BROWN DORA VIOLET 218 BRIDGE ST W CAMPBELLFORD ONT K0L 1L0	O	P	RICHARDSON CON 3 N1/2 LOT 2 PCL 8071 159.50AC	H 010 S 010
06400 0000 W04 P001-0 PTNS 1	NATURAL RESOURCES MINISTRY QUEEN'S PARK TORONTO ONT M5S 1Z1	O	N	RICHARDSON CON 3 S1/2 LOT 2 160.00AC	H 010 S 010
06500 0000 W04 P001-0 PTNS 1	BROWN DORA VIOLET BOX 142 33 MAIN ST APT 3 WARKWORTH ONT K0K 3K0	O	P	RICHARDSON CON 3 N1/2 LOT 3 PCL 8235 160.00AC	H 010 S 010
06600 0000 W04 P001-0 PTNS 1	HOOK ROBERT RT 1 PO BOX 175 HEPHZIBAH GA 30815	O	P	RICHARDSON CON 3 S1/2 LOT 3 PCL 17726 160.00AC	H 010 S 010
06700 0000 W04 P001-0 PTNS 1	DAVIS ROBERT D DAVIS JANET N BOX 3513 FULLERTON CA 92634	O O	P P	RICHARDSON CON 3 N1/2 LOT 4 PCL 11087 160.00AC	H 010 S 010
06800 0000 AN W04 P001-0 PTNS 1	STROM LORNA JOYCE STROM DAVID WILLIAM R R 1 FORT FRANCES ONT P9A 3M2	O O	P P	RICHARDSON CON 3 N1/2 S1/2 LOT 4 PCL 14604 80.00AC	H 010 S 010
06900 0000 W04 P001-0 PTNS 1	LOVEDAY EVELYN R R 2 EMO ONT P0W 1E0	O	P	RICHARDSON CON 3 S1/2 S1/2 LOT 4 PCL 9080 80.00AC	H 010 S 010
07000 0000 NI W04 P001-0 PTNS 1	MCCLAIN EVA JENNIE R R 1 STRATTON ONT P0W 1N0	O	P	RICHARDSON CON 3 N1/2 LOT 5 PCL 12324 160.00AC	H 010 S 010
07100 0000 NI W04 P001-0 PTNS 2	MCCLAIN GORDEN ELWOOD MCCLAIN EVA JENNIE RR 1 STRATTON ONT P0W 1N0	O O	P P	RICHARDSON CON 3 S1/2 LOT 5 PCL 22190 160.00AC	H 010 S 010
07100 0001 NI W04 P001-0 PTNS 1	MCCLAIN EVA JENNIE RR 1 STRATTON ONT P0W 1N0	O	P	RICHARDSON CON 3 S1/2 LOT 5 PCL 22190	H 010 S 010
07100 0002 NI W04 P001-0 PTNS 1	MCCLAIN EVA JENNIE R R 1 STRATTON ONT P0W 1N0	O	P	RICHARDSON CON 3 S1/2 LOT 5	H 010 S 010
07200 0000 W04 P001-0 PTNS 1	NATURAL RESOURCES MINISTRY QUEEN'S PARK TORONTO ONT M5S 1Z1	O	N	RICHARDSON CON 3 N1/2 LOT 6 160.00AC	H 010 S 010
07300 0000 W04 P001-0 PTNS 1	MOSE ED EMO ONT P0W 1E0	O	P	RICHARDSON CON 3 N1/2 S1/2 LOT 6 PCL 16927 80.00AC	H 010 S 010

REPLACEMENT P8.

TABLE 7 Ownership

Concession	Lot	Parcel No.	Acres	Owner	Date of Option
Con. 1	Lot 6, W1/2	14407	160	[1]	8/06/93
Con. 2	Lot 7, S1/2	11912	158	[2]	7/01/93
Con. 2	Lot 8, N1/2, S1/2	22496	79.25	[2]	7/01/93
Con. 1	Lot 3, S1/2,N1/2	14936	80.0	[3]	9/09/94

[1] Morrison, J: 11 Forest Dr., Bethany ON L0A 1A0

[2] ARDA: 933 Ramsey Lake Road, 6th Floor Sudbury, P3E 6B5
License of Occupation (Agricultural Rehabilitation and Development Directorate)

[3] Teeple, D. RR #1, Stratton, ON P0W 1N0

TABLE 8 Work Applied, Richardson Township

Concession	Lot	$ Assessment Value
2	Lot 7, S1/2	29,200
1	Lot 6, W1/2	87,160
2	Lot 8, N1/2, S/12	49,305
1	Lot 3, S1/2,N1/2	17,095
		$ 182,760

NOTES

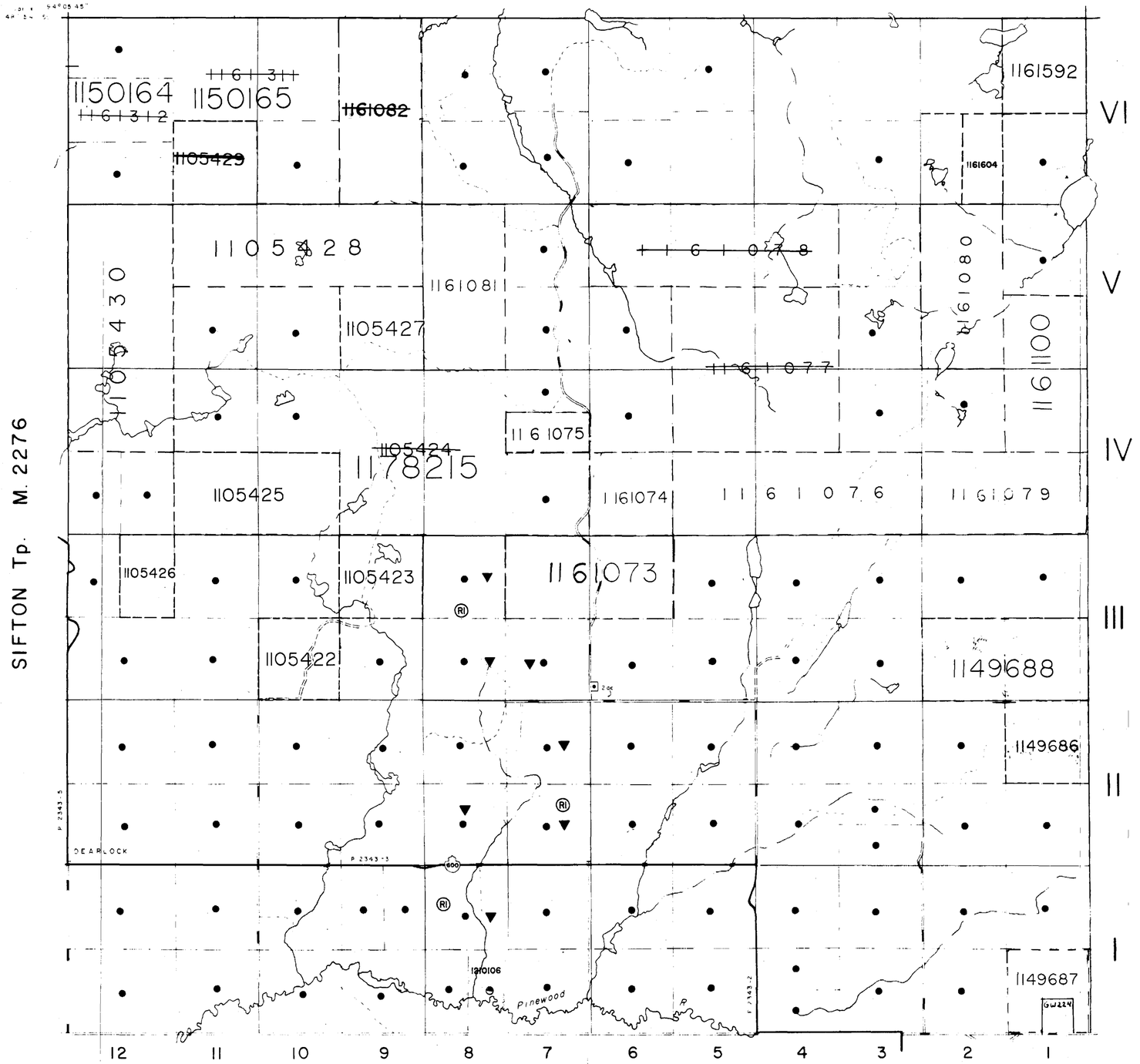
400 surface rights reservation along the shores of all lakes and rivers.

This Township lies within the Corporation of the Township of Chapple.

(R1) W-K-43/93 SR&MR JUNE 4/93

(R2) W-K-8/96 NWR MRO JAN. 26/96 195150-TO FILE # O-K-13/96 NWR MRO MAY 9/96 195150.

ROWE Tp. M.2118



SIFTON Tp. M.2276

POTTS Tp. M.2109

TAIT Tp. M.2124

MATHER Tp. M.2097

LEGEND

HIGHWAY AND ROUTE NO.

OTHER ROAD

TRAIL

SURVEYED LINE

TOWNSHIP, BASE LINE, MERIDIAN

LOT, MINING CLAIM, PARCEL

UNSURVEYED LINE

LOT LINES

PARCEL BOUNDARY

MINING CLAIM LINE

RAILWAY AND RIGHT OF WAY

UTILITY LINE

NON-PERENNIAL STREAM

FLOODING RIGHT

SUBDIVISION

ORIGINAL SHORELINE

MARSH OR MUSKEG

MINES

DISPOSITION OF CROWN LANDS

TYPE

PATENT, SURFACE & MINING RIGHTS

SURFACE RIGHTS ONLY

MINING RIGHTS ONLY

LEASE, SURFACE & MINING RIGHTS

SURFACE RIGHTS ONLY

MINING RIGHTS ONLY

LICENCE OF OCCUPATION

CROWN LAND SALE

RESERVATION

CANCELLED

SAND & GRAVEL

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

SCALE

1 INCH = 40 CHAINS

1 CENTIMETRE = 200 METRES

ACRES HECTARES

40

200

TOWNSHIP

RICHARDSON

DISTRICT

RAINY RIVER

MINING DIVISION

KENORA

DATE OF ISSUE JAN 13 1997 KENORA MINING DIVISION

Ontario Ministry of Natural Resources

Mining Lands Branch

Date

M.2115

NA9621

NA9622

Abbreviations

amph	amphibole
Au	gold
asp	arsenopyrite
bx	breccia
chl-biot	chlorite-biotite
contam	contaminated
cpy	chalcopyrite
def	deformed
fel	felsic
fg	fine grained
fol	foliated
gal	galena
gar	garnet
intrus	intrusive
int	intermediate
k alt	potassic alteration
kom	komatiite
maf	mafic
mag	magnetite
mg-cg	medium-coarse grained
MUM	mafic-ultramafic
OVB	overburden
poss	possibly
porph	porphyritic
py	pyrite
QFP	quartz feldspar porphyry
QtD	quartz eye dacite
QV	quartz vein
sap	saprolite
sed	sedimentary
tour	tourmaline
tr	trace
vol	volcanic
xl	crystal

220

Nuinsco Resources Limited

Rainy River Project

SECTION 850W

Vertical Cross Section

Au (ppb) and Zn (ppm) Analyses

DATE: 96/06/24 | SCALE: 1/1000

600W

NR9627

NR9613

0

-25

-50

-75

-100

-125

-150

-175

-200

-225

-250

-275

-300

- 100m

- 200m

285.20 @
NR9627

Abbreviations

amph	amphibole
Au	gold
asp	arsenopyrite
bx	breccia
chl-biot	chlorite-biotite
contam	contaminated
cpy	chalcopyrite
def	deformed
fel	felsic
fg	fine grained
fol	foliated
gal	galena
gar	garnet
intrus	intrusive
int	intermediate
k alt	potassic alteration
kom	komatiite
maf	mafic
mag	magnetite
mg-cg	medium-coarse grained
MUM	mafic-ultramafic
OVB	overburden
poss	possibly
porph	porphyritic
py	pyrite
QFP	quartz feldspar porphyry
QID	quartz eye dacite
QV	quartz vein
sap	saprolite
sed	sedimentary
tour	tourmaline
tr	trace
vol	volcanic
xl	crystal

0 25m

52D16SE0011 W9610.00140 RICHARDSON

230

Nuinsco Resources Limited

Rainy River Project

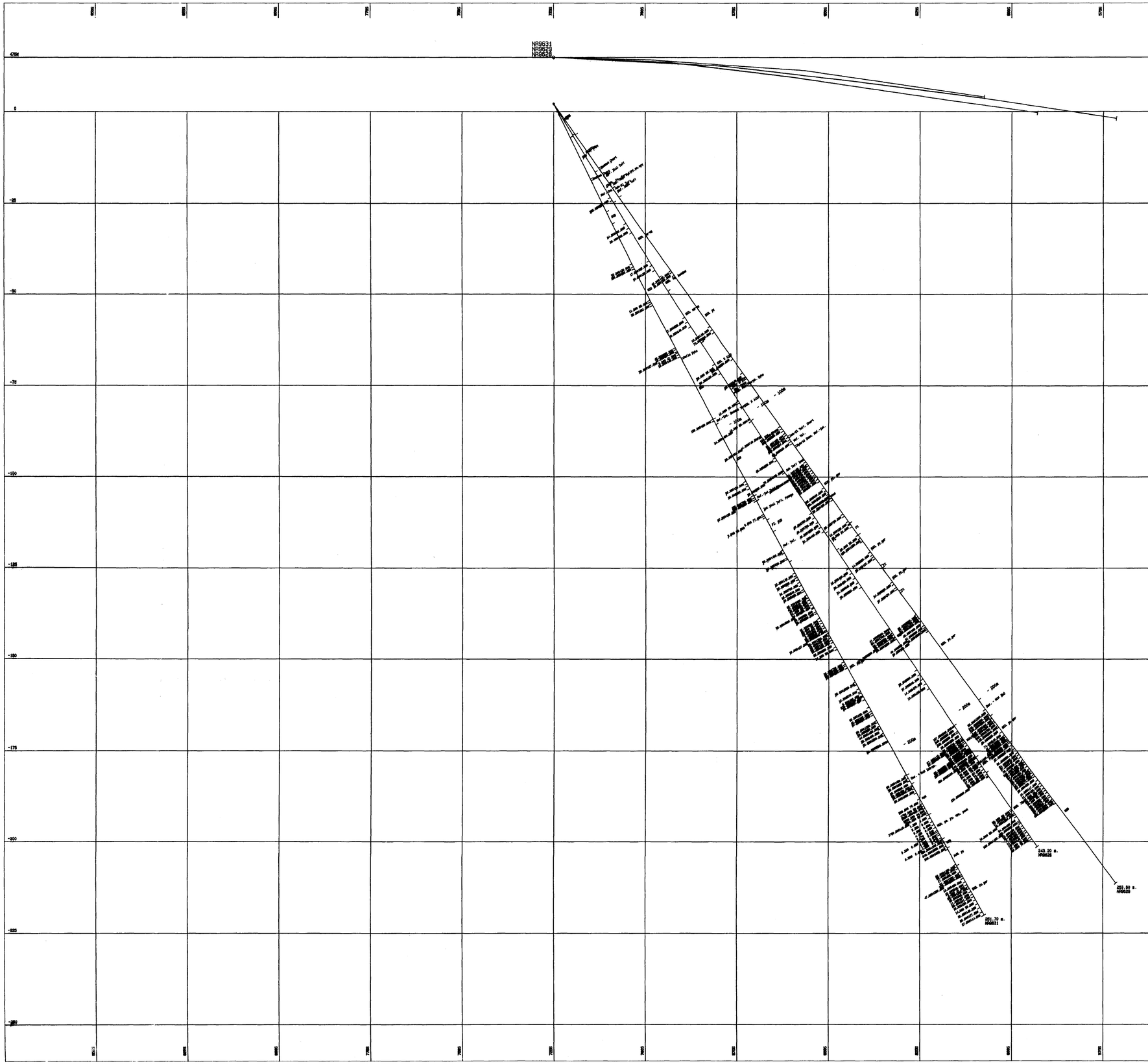
SECTION 600W

Richardson Twp.

Au, Ag

DATE: 96/06/15

SCALE: 1/500



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mg-cg	medium-coarse grained
MUM	mafic-ultramafic
OVB	overburden
poss	possibly
porph	porphyritic
py	pyrite
QFP	quartz feldspar porphyry
QfD	quartz eye dacite
QV	quartz vein
sap	saprolite
sed	sedimentary
tour	tourmaline
tr	trace
vol	volcanic
xl	crystal

250

Nuinsco Resources Limited

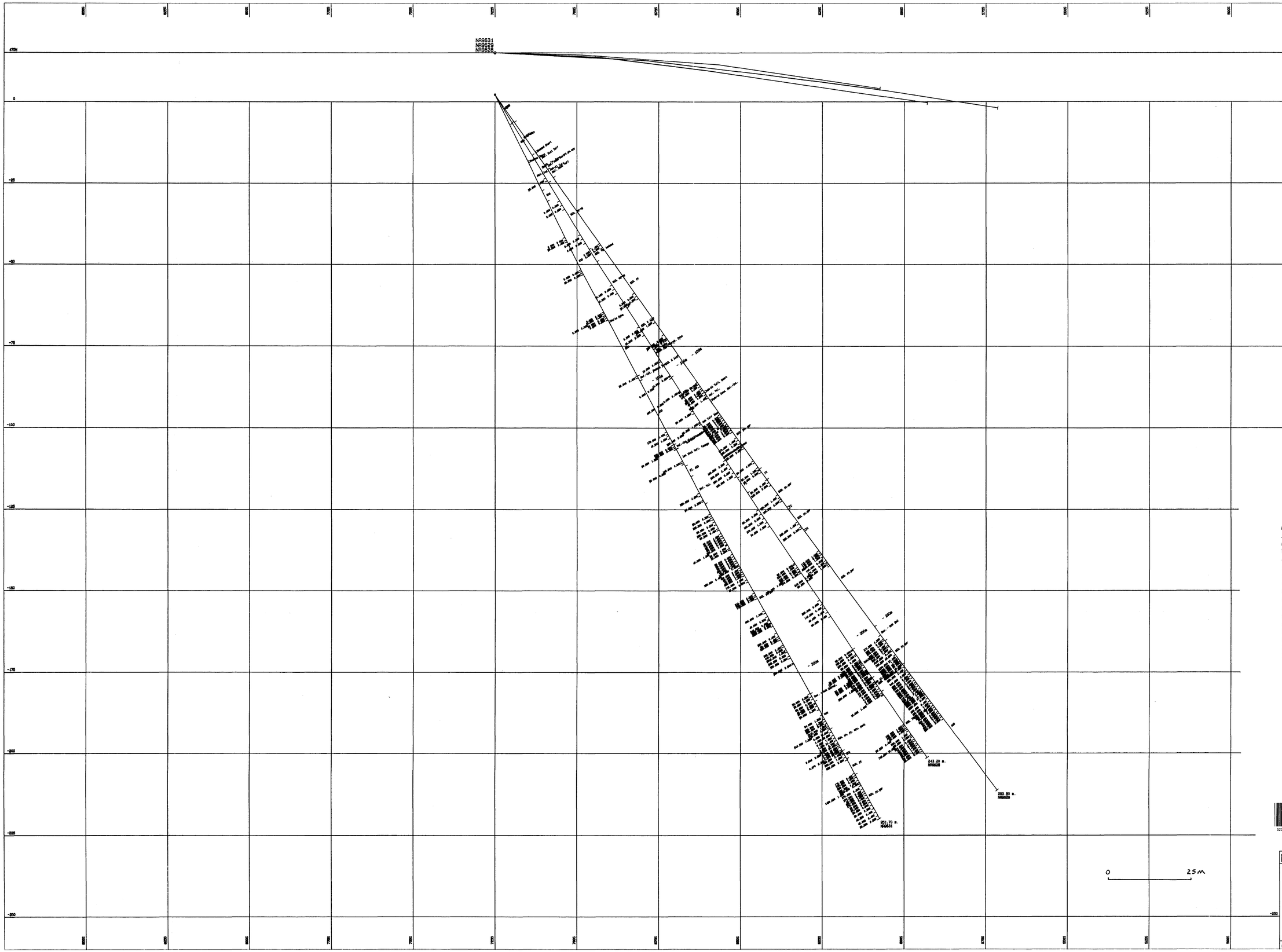
Rainy River Project

SECTION 475W

Richardson Twp.

Cu, Zn

DATE: 96/06/17 | SCALE: 1/500



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52D16SE0011 W9610.00140 RICHARDSON

260

Nuinsco Resources Limited

Rainy River Project

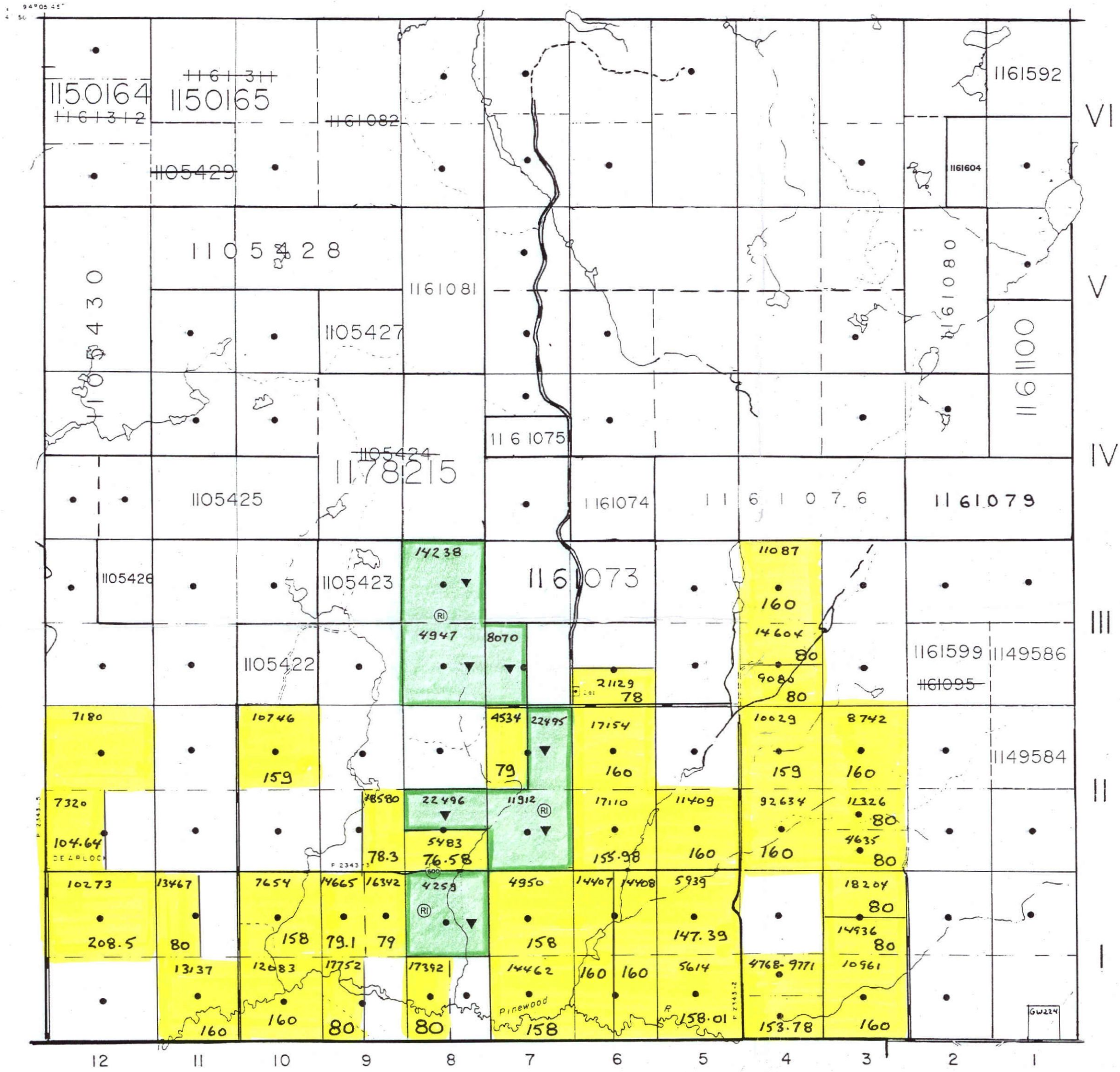
SECTION 475W

Richardson Twp.

Au, Ag

DATE: 96/06/17 | SCALE: 1/500

LAND MAP



RICHARDSON TOWNSHIP