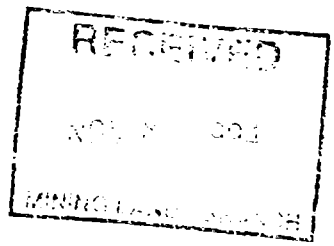
NUINSCO RESOURCES LIMITED

Rainy River Project
1994 Overburden Drilling Program

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

October 20, 1994.



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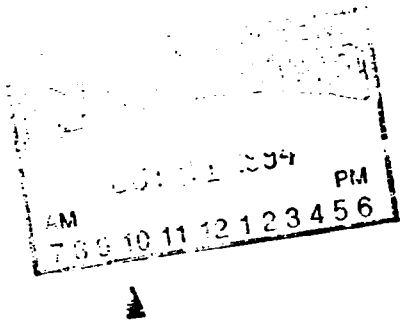

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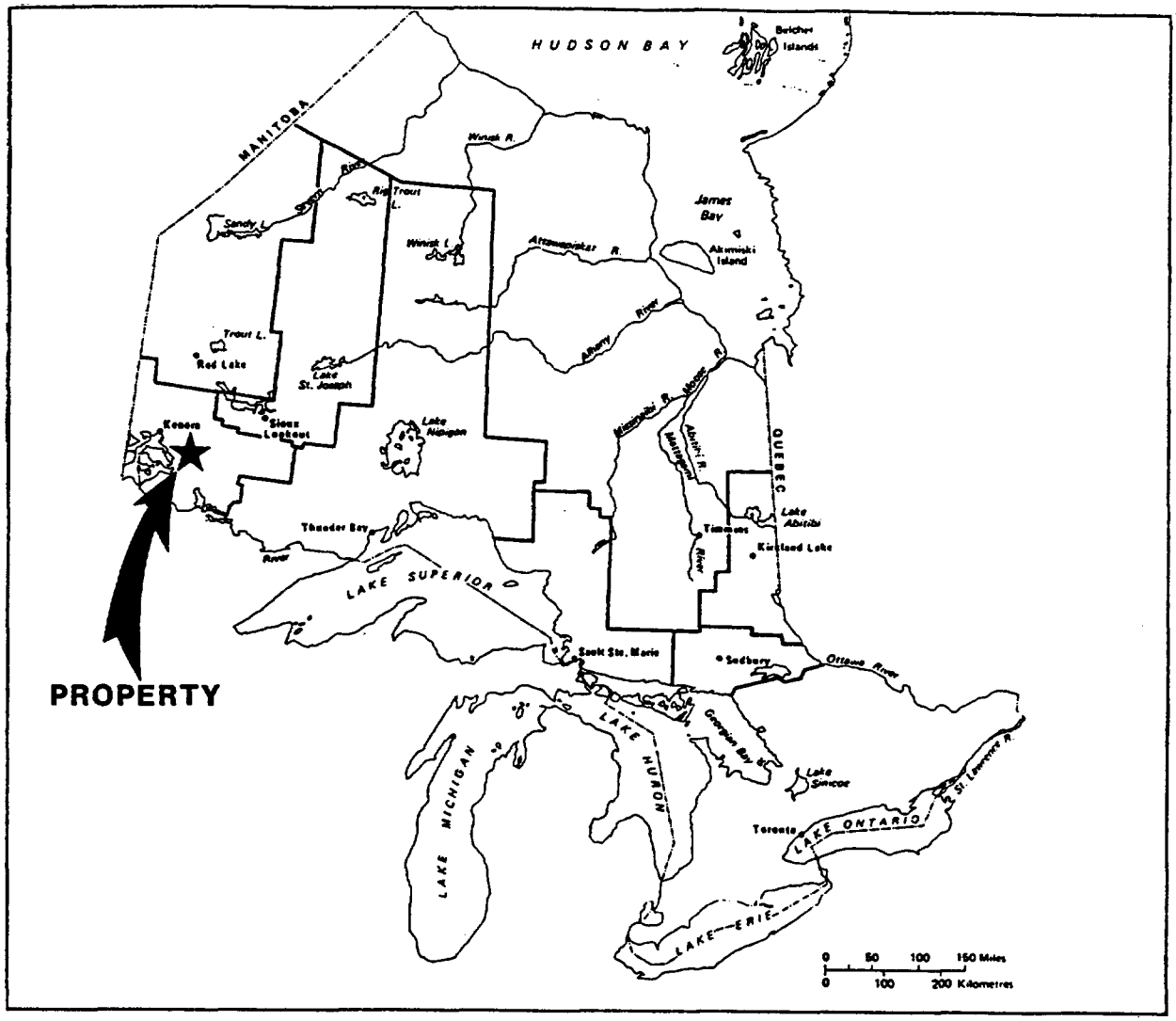
1.0 Introduction

In late June, 1993, Nuinsco Resources Ltd., of Toronto, began the initial phase of an exploration program to assess the mineral potential of claims and options it had acquired over the two previous years in the Rainy River region of northwestern Ontario. Fieldwork has been conducted discontinuously to the time of writing and has consisted of reconaisance mapping and associated sampling, LANDSAT image interpretation,diamond drilling (3 holes), reverse circulation and rotosonic drilling (69 holes combined to date), geophysical surveys (I.P., magnetometer, Horizontal Loop E.M.), enzyme leach soil sampling, and detailed grid mapping in Richardson Township. The purpose of this report is to present the results obtained from the overburden drilling program.

Initiation of the Nuinsco program followed the release of a Canada - Ontario Mineral Development Agreement (COMDA) sponsored overburden sampling program (Bajc, 1991a) which identified a number of till sample sites with elevated gold grain accumulations in the Rainy River region as a whole. Of particular note were samples obtained from Richardson Township which included 202 gold grains from sonic drill hole 88-11 and 54 gold grains from 88-10. A particularly significant feature of these gold grains is the abundance of grains defined as pristine/delicate, an indication of minimal transport from bedrock source.

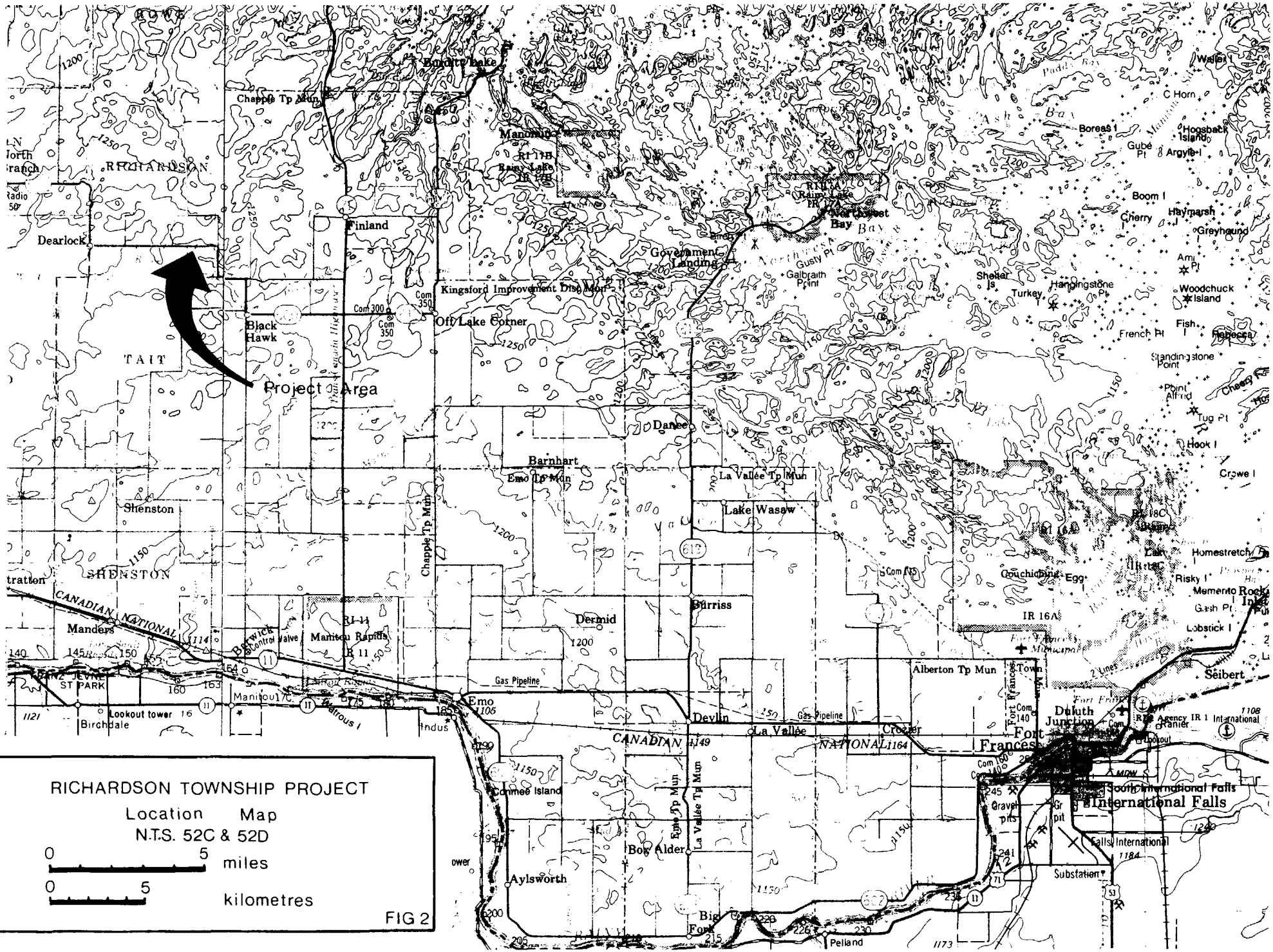
A number of factors gave Nuinsco cause to acquire claims and option mineral rights from landowners in Richardson, and adjacent, townships. These include: i) the presence of the anomalous number of gold grains in the tills and their apparent proximity to a bedrock source, ii) the discovery during 1991 in nearby Menary Township of gold bearing quartz veins, iii) the nearby presence of the Quetico Fault a major regional structure with which gold mineralization is associated (i.e. Mine Centre, Ontario), iv) the limited prior exploration in the Richardson Township, particularly to bedrock level, v) areally extensive, and locally thick, deposits of glacial drift which have limited the understanding of the bedrock geology, and hence hindered exploration.

The subject of this report is the series of reverse circultion and rotosonic drill holes drilled in Richardson and Potts townships between 6 March and 1 April, 1994. A total of 51 holes were completed, comprised of 31 reverse circulation and 20 rotosonic holes. The purpose of the drilling was to attempt to reproduce, and if possible, to improve upon the anomalous results obtained from the government drill program in 1988. In Potts Township 11 holes were drilled to test for possible up-ice mineralization in the volcanic terrain. Additionally given the paucity of outcrop in much of the area, it was considered important to obtain bedrock samples from widely spaced sites and in some cases associated with geophysical repsonses.



Nuinsco Resources Limited
RAINY RIVER GOLD PROJECT
REGIONAL LOCATION MAP

FIG. 1



RICHARDSON TOWNSHIP PROJECT

Location Map

N.T.S. 52C & 52D

0 5 miles

0 5 kilometres

FIG 2

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, near both the border with Manitoba and the international boundary with Minnesota. The nearest population centre is Fort Frances 50km to the southeast, the villages of Emo and Nestor Falls are about 25km to the south and north respectively. The claim groups as a whole are approximately encompassed by latitudes 48°45'N to 49°00'N and longitudes 93°46'W and 94°36'W (all rounded to the nearest minute). The property area is covered by N.T.S. maps 52 C/13 and 52 D/16.

Lying in a series of discontinuous blocks, the claim group which comprises the Nuinsco land position lies in an east-west band of 60km length. The claims are located between the contact of the Sabaskong Batholith to the north and the Quetico Fault in the south. The land position is located in the townships of Senn, Menary, Potts, Richardson, Tait, Sifton, Patullo, Nelles, Blue, Pratt, Spohn, and Attwood and Curran. Nuinsco Resources Cameron Lake Mine is located approximately 40km to the northeast.

Access to most of the claim group is attained via the numerous all weather gravel provincial highways and township roads which lead off of paved highways 11 and 71 and which traverse the region and provide excellent ingress. The northeast segment 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.

3.0 Physiography

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 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 lobes from the west. It shows 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 which occurs to the south and west of the break has been subject to either two or three late-Wisconsinan glacial events (depending on exact location - three events occur in the western parts of the property). Here outcrop ranges from 5-40% and thick drift blankets bedrock surfaces. 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 outcrop are sites of extensive drift accumulation. In region 2b outcrop comprises less than 5% of the surface area, topography is low and rolling, 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 areas covered by substantial till and bog accumulations.

4.0 Exploration History

Although exploration activity by individual prospectors dates back to the 1930's, documented exploration in Ministry of Natural Resourcesent assessment files commences in 1967. Additional exploration programs are known to have taken place on private land, however record of assessment work was 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.

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; note particularly what came to be termed the Agassiz Showing in Menary Township. In 1984 Lacana Minng 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 and stripping 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 completed in September of 1993. Additional extraction is underway at the time of writing.

Considerable interest was generated in the area west of Finland on Highway 71 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, Patullo, and Sifton townships. Between mid-1989 and late-1990 Mingold conducted extensive sampling of the glacial drift by hand and backhoe trenching, and reverse circulation drilling. This work was accompanied by geological mapping and ground geophysics. Subsequently, limited diamond drilling was conducted in Patullo Township based on these surveys; the results of this drilling were inconclusive and the anomalous values obtained in the tills were generally unexplained. The Canadian activities of Mingold were terminated prior to complete assessment of all anomalous results.

Subsequently Nuinsco Resources began to assemble a land position in the region in 1991, centred on the Richardson Township - Menary Township areas. To date Nuinsco has completed a LANDSAT linear study, local I.P. and magnetometer and horizontal loop E.M. surveys, regional reconaissance mapping and sampling, reverse circulation and rotosonic drilling in Richardson and Potts townships (69 holes), diamond drilling in Menary Township (3 holes), enzyme leach soil sampling, and the subject of this report, detailed grid mapping.

5.0 Claim Descriptions

The Nuinsco Resources Ltd. property group spans 60km east to west and encompasses 21,950ha in total at time of writing. It is composed predominantly of mineral claims on Crown Land, with subordinate optioned patented ground, and a License of Occupation from the Agricultural Rehabilitation Development Agreement (A.R.D.A.). The land position in its entirety falls within the jurisdiction of the Kenora Mining Division, Ministry of Natural Resources Administrative District of Fort Frances. Refer to fig. 1 in the pocket for the distribution of the property components.

The assessment work conducted and detailed in this report, consists of overburden reverse circulation and rotasonic drilling. All of the work in Richardson Township was conducted on patented options. In Potts Township only non-patented mineral claims were work sites. Claim boundary locations are included on fig. 3 for Potts Township and on fig. 2 in the pocket. All claims on which drilling was conducted are listed below.

Table 1. Claims Traversed in Mapping Program

Township	Lot No.	Conc. No.	Owner and Work Conducted
Richardson	N1/2,S1/2, Lot 3	II	Huitika S-94-4
	N1/2, Lot 3	II	Huitika S-94-1,2,3
	S1/2, Lot 4	II	Davis S-94-5,6,7,8,9,10,11,12
	S1/2, Lot 5	II	McLean S-94-13,14,15
	E1/2, Lot 6	I	Elfving R-94-13,14,15
	W1/2, Lot 6	I	Morrison R-94-11,12,16
	S1/2, Lot 6	II	Lafever S-94-16,17,18
	N1/2, Lot 7	I	Wepruk R-94-2,3,4,5,6,7,8,9,10
	S1/2, Lot 7	II	A.R.D.A. R-94-1,17,18,19,20, S-94-19,20
	Claim No.		**Work Conducted**
Potts	1161280		RP-94-5,6,7,8,9,10
	1161328		RP-94-1,2,3,4,11

Note: S-94-1 refers to rotasonic holes in Richardson Township, R-94-1 refers to reverse circulation holes in Richardson Township, RP-94-1 refers to reverse circulation holes in Potts Township

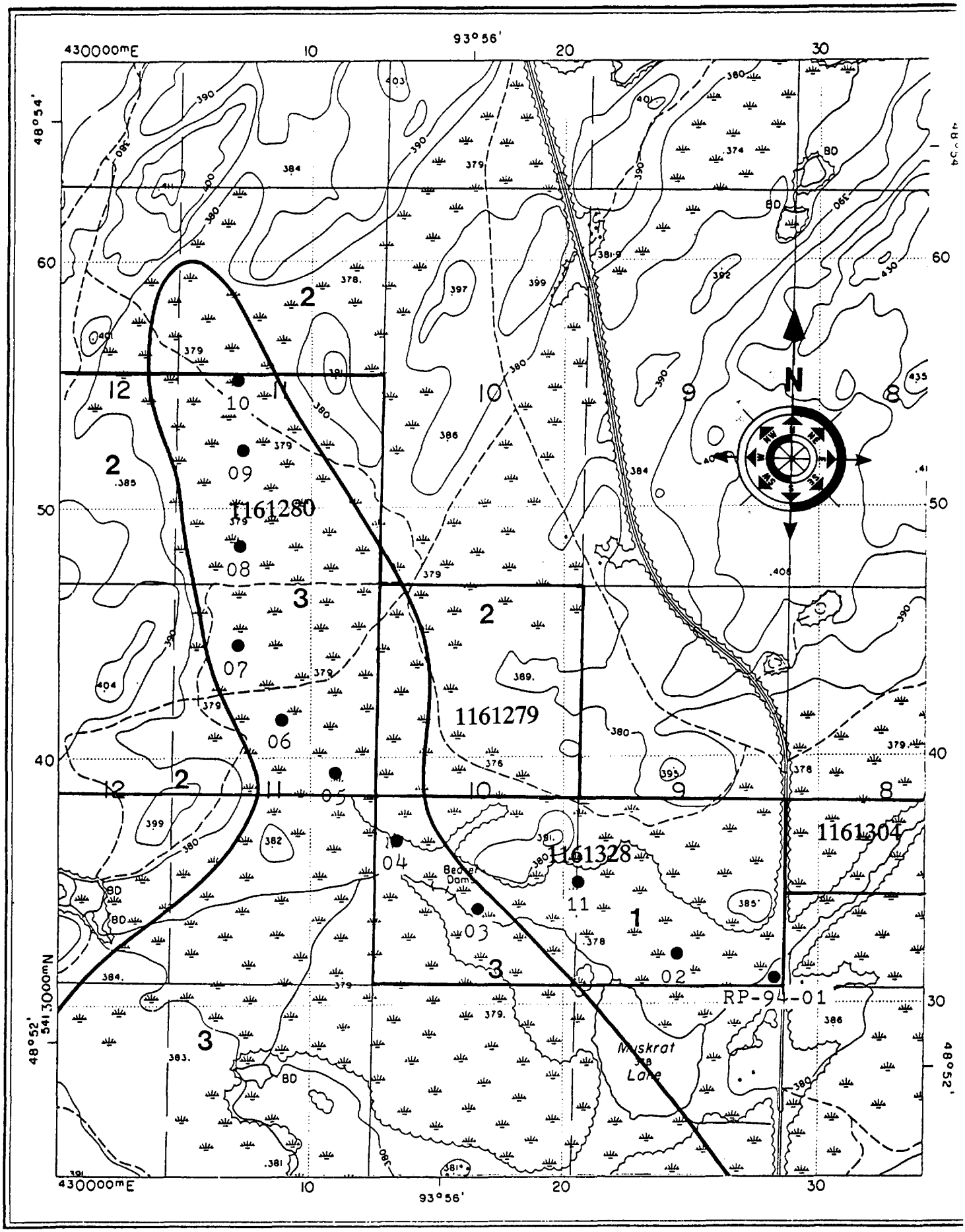


Fig. 3 Potts Township Reverse Circulation Drill Hole Locations and Claim Boundaries. Source, Ont. Base Map 20 15 4300 54100, Scale 1:20,000. 1 = Intermediate Volcanics, 2 = Undifferentiated Volcanics, 3 = Monzonite.

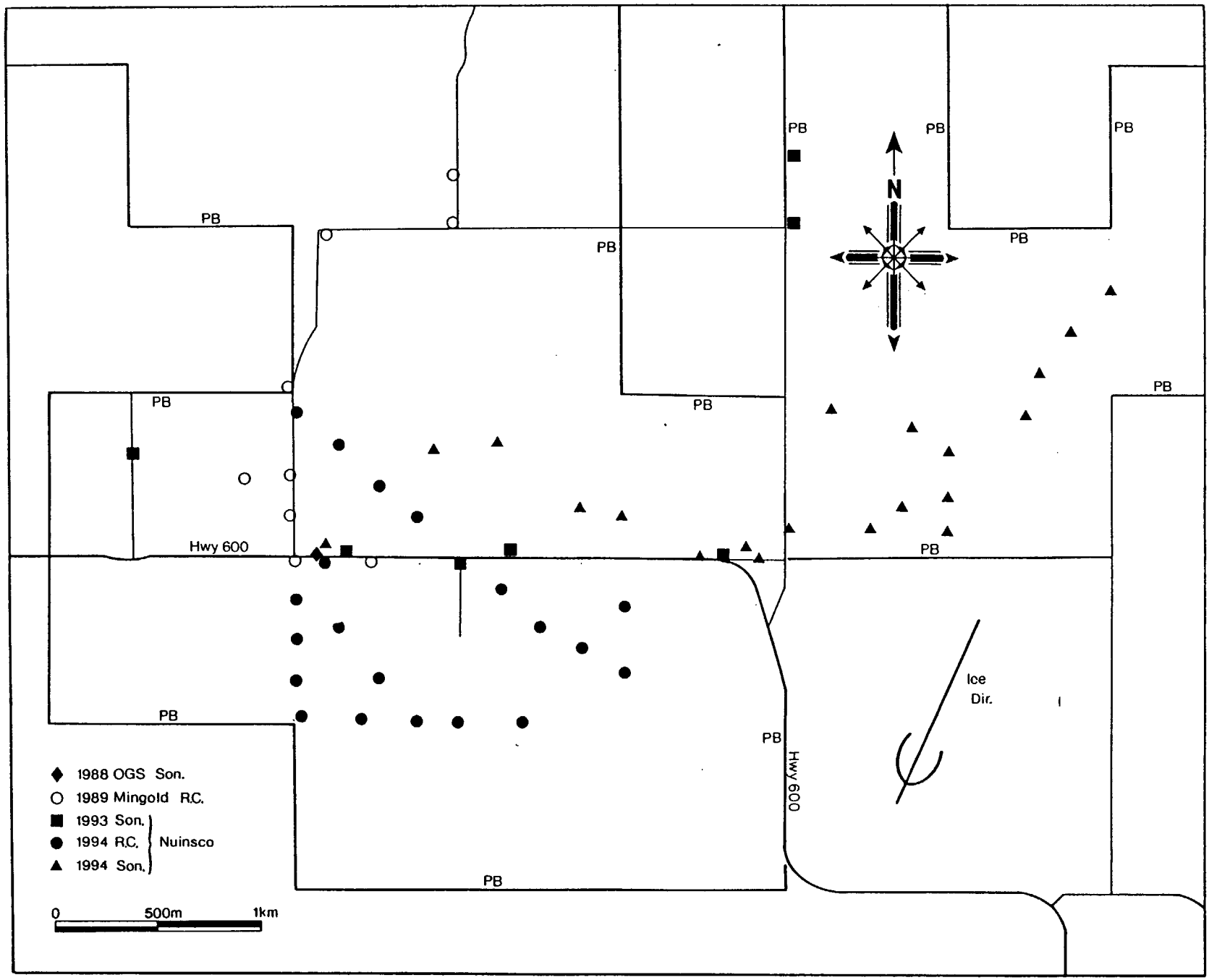


Fig.4

Overburden Drill Hole Locations

Richardson Township

6.0 Regional Geology

The Nuinsco Resources properties are located near the western termination of the Wabigoon Subprovince of the Canadian Shield. Approximately 100km to the west the Archaean rocks of the shield dive beneath Phanerozoic sedimentary cover in southern Manitoba. However much of the extreme southwest part of the Wabigoon region, and particularly that area covered by this report, is overlain by a thick Quaternary succession and hence the bedrock geology is little observed and poorly understood.

The immediate area of the claim groups is underlain by supracrustal metavolcanic and metasedimentary rock, and batholithic bodies (Bajc, 1991b). The Burditt Lake Belt, composed of metavolcanic rocks underlies much of the claim group. It forms a northeast striking homocline in the east but appears to be folded around the south contact of the Sabaskong Batholith extending to the international border to the west. These rocks separate intrusions such as the Sabaskong Batholith in the northwest from the Rainy Lake Batholithic Complex in the southeast.

Blackburn (1976) has divided the metavolcanic rocks of the Burditt Lake belt into six mappably distinct mafic, tholeiitic units and five distinct felsic, calc-alkaline units; however because of the extensive glacial drift and hence lack of direct observation this scheme breaks down in the south and west. The lower mafic sequence comprises approximately 2/3 of the volcanic pile and the overlying felsic accumulations approximately 1/3.

In the south part of the region, in Patullo, Tait, and Mather townships, mapping by Fletcher and Irvine (1954), and Johns (1988) determined the presence of extensive accumulations of greywacke and subordinate conglomerate. These units strike at approximately N70°E and occur (in the context of this report) in proximity to the Quetico Fault.

The supracrustal succession has been intruded by the syntectonic Sabaskong Batholith to the northwest, Jackfish Lake Complex in the east and to the southeast the Fleming Township Complex; all are of tronjhemitic composition. Three smaller post-tectonic stocks, are located within the metavolcanic belt, the Black Hawk, Finland, and Burditt Lake stocks. Subordinate dyking is associated with all of these bodies and is particularly common near intrusive conatcts. Late Precambrian, northwest trending, diabase dykes signal the close of Precambrian igneous activity.

The regionally extensive, east-west trending, Quetico Fault traverses the south of the area while the northwest trending Pipestone-Cameron Fault separates the Burditt Lake belt from the volcanic rocks of the Kakagi-Rowan and Manitou lakes greenstone belts. Subordinate faulting is common, both observed, and inferred from discontinuities and offsets

Table 2

LITHOLOGIC UNITS

PHANEROZOIC

(A) Pleistocene and Recent

till, sand, gravel, clay, organic debris

------Unconformity------

PRECAMBRIAN

(B) Proterozoic

-Mafic Intrusive Rocks
-Diabase dykes

------Intrusive Contact------

(C) Archean

-Intermediate to Felsic, Intrusive Rocks

Equigranular trondhjemite, granitic dykes, equigranular monzonite and intrusive breccia

------Intrusive Contact------

-Felsic Metavolcanic Rocks

Medium grained to porphyritic rhyolite and dacite, quartz feldspar porphyry dykes

-Mafic to Intermediate Metavolcanic Rocks

Fine to medium grained basalt and andesite, gabbro, pillowed basalt, porphyritic basalt, pillowed and porphyritic basalt, pillowed variolitic basalt, spherulitic basalt, tuff, tuff breccia, and lapilli tuff

Table 3 Quaternary deposits of the Fort Frances-Rainy River area.

AGE	DEPOSIT	MATERIAL	MORPHOLOGIC EXPRESSION
RECENT	modern alluvium	sand, silt, minor clay, organic remains common	floodplains of existing rivers
	recent beach & eolian deposits	fine to very fine sand	spits & wind-modified spits on Lake of the Woods
	bog & swamp deposits	peat & muck	filled depressions
LATE WISCONSINAN	older alluvial deposits	sand & silt with organic remains	remnant river & creek terrace deposits
	Sherack Formation (Emerson Phase glaciolacustrine sediments)	clay, silt, sand & gravel with organic remains	lacustrine plains, beaches & bars
	Poplar River Formation (Moorhead low-water Phase sediments)	sand & gravel with organic remains	fluvial and small basinal deposits (buried)
	Brenna Formation II (Lockhart Phase glaciolacustrine sediments)	silt and clay, minor sand & gravel	lacustrine plains, beaches & bars
	Marchand till	silty sand to sandy silt till	ground moraine
	Brenna Formation I (Lockhart Phase glaciolacustrine sediments)	silt & clay, minor sand & gravel	lacustrine plains, beaches & bars (partially buried)
	ice-contact stratified drift & subaquatic fan deposits	sand & silt, minor gravel & till	ice-contact deltas, subaquatic fans (buried)
	Whitemouth Lake till	silty clay to clayey silt till	ground moraine, (partially buried)
	Wylie Formation (pre-Lockhart phase glaciolacustrine sediments)	sand, silt & clay	glaciolacustrine plain (buried)
	ice-contact stratified drift & subaquatic fan deposits	sand, gravel & boulders, minor silt & till	Rainy Lake-Lake of the Woods Moraine, kames, buried subaquatic fan deposits
	Whiteshell till	silty sand to sandy silt till	ground moraine, partially buried
PRE-LATE WISCONSINAN (IN NO PREFERRED ORDER)	older Labradorean - derived till	sandy silt till	buried ground moraine
	older Keewatin - derived till	sandy, clayey silt (loam) till	buried inclusion
	wood fragments in Whiteshell till	wood, twigs	buried inclusions
	glaciolacustrine & subaquatic fan deposits	sand, silt & clay, minor gravel	buried subaquatic fans & glaciolacustrine plains

in stratigraphic units and air photo or satellite linears.

Available evidence of stratgraphic facing indicates that the rocks of the east part of the region form a steeply dipping, southeastward facing, homocline. In the southwest the volcanic stratigraphy has been folded into the southward plunging, Deerlock Syncline; stratigraphic facing continues to be to the south but it is deflected to the east and west around the limbs of the structure. In the west so little outcrop exists that a comprehensive understanding of the facing directions has yet to be determined.

The regional metamorphic grade ranges from lower greenschist in the centre of the metavolcanic belt to upper greenschist and amphibolite at batholith contacts. The eastern margin of the metavolcanic belt and the large metavolcanic xenoliths within the Jackfish Lake Complex are migmatized and have attained amphibolite grade.

The youngest members of the stratigraphic succession were laid down in the Quaternary Period. The oldest units are partially preserved, discontinuous Pre late-Wisconsinan tills and glaciolacustrine deposits. The overwhelmingly dominant portion of the succession is composed of upto three distinct till units of late-Wisconsinan age deposited by the Laurentide Ice Sheet, and associated periglacial accumulations; from oldest to youngest these are the Whiteshell (or northeast) Till of the Labradorean Lobe, the Whitemouth Lake (or West) Till of the Keewatin Lobe and the Marchand Till of the Des Moines Lobe. The most recent accumulations consist of bog/swamp, recent beach and eolian deposits, and alluvium.

7.0 Local Geology

The local geology of the area covered by the drilling program is incompletely understood because of the paucity of outcrop.

As mapped by Blackburn (1976) the area is underlain by a mixed succession of mafic to felsic/intermediate metavolcanics intruded by early and late granitoid bodies. Metamorphic grade is generally lower greenschist with local amphibolite grade attained within the thermal aureole of intrusive bodies..

The most abundant metavolcanic rocks, basalt flows, are assigned predominantly to the M3 or M5 members of Blackburn's six member mafic stratigraphic succession. In the nose of the Deerlock Syncline, Blackburn (1976) interprets the flows there to be correlative with members of the M2 stratigraphic unit observed to the east. The mafic flows consist of fine to coarse grained massive and gabbroic textured flows and pillowed basalt. Rare pillow and flow breccia and tuff/hyaloclastie horizons are observed and very local interflow sediment is noted. Typically the flows are metres to tens of metres thick while the tuffs are upto several metres and the interflow sediments are submetre. In the extreme west and south of Richardson Township coarsely plagioclase phyric flows occur. Overall these flows average approximately 5ppb Au.

Nowhere is the contact between the mafic succession and the overlying felsic/intermediate succession observed. At best its location can be estimated to within several tens of metres.

A mixed felsic/intermediate succession is interpreted to overlie the mafic flows and outcrops in the south part of Richardson Township; Blackburn has designated this unit F5. Quartz and feldspar porphyry dacite flows appear to comprise the dominant portion of the succession although pyroclastic units may comprise a significant portion also, very subordinate pyritic, gossan weathering, fragmental horizons are highly visible in several outcrops. Although exposed over a large outcrop area flow relationships are often not apparent. Disseminated pyrite, comprising 3-5% of the rock is not uncommon in this unit, and this unit appears to be enriched with respect to gold when compared to the volcanic stratigraphy as a whole (background averages 22.^{3}ppb Au in wholerock samples obtained from the fesic/intermediate unit specifically versus 5.^{5}ppb from the volcanic stratigraphy as a whole). Significant thicknesses of intercalated mafic flows and tuffs occur in the extreme south of Richardson Township and were intersected in drill holes. These mafic members return values significantly anomalous gold values.

The area adjacent to the Black Hawk Stock in Potts Township is interpreted to be underlain by both M5 and F4 metavolcanic rocks (Blackburn, 1976). However only M5 members were encountered in the drill program and it appears that the bedrock geology of

this area may depart somewhat from earlier interpretations.

To the north the volcanic succession has been intruded by the early syntectonic Sabaskong Batholith. It is composed of a gneissic granodiorite core and a more homogenous, less deformed tronjhemite contact zone (unobserved in Richardson Township). To the southeast the late tectonic Blackhawk Stock occurs and is exposed in several road cuts. It is distinctly zoned with a porphyritic granodiorite core and a monzonite periphery. Adjacent to these bodies numerous felsic dykes invade the volcanic stratigraphy ranging from centimetre to metre widths and from aphanitic to pegmatitic.

A south plunging anticline is interpreted to underlie the drill area in Richardson Township. On the east limb (i.e. between lines 0 and 22E) bedding measurements are relatively abundant in outcrop and show strike to be approximately 50° to 60° while facing from pillows is to the southeast. Between 0 and 8W the few measurements available show strike to be almost east-west. To the west of 8W no outcrop measurements are available but intersections obtained from overburden drilling indicate strike is to the northwest while local pillow facing is to the southwest.

In Potts Township strike is to the northeast and facing to the southeast as it is in Richardson Township, although some deflection of bedding may have occurred adjacent to the Black Hawk Stock.

Quaternary stratigraphy in the immediate area of the overburden drilling is restricted to the older Whiteshell Till (or NE Till), the overlying Whitemouth Lake Till (or W Till) and associated periglacial deposits. Recent deposits of bog and clay locally covers glacial debris. On average the NE till is less than 2m thick while the W Till averages approximately 14m, other interbedded horizons (eg. sands and gravels) average less than about 2m.

The Whiteshell Till is an heterolithic, generally matrix supported till with a silt to sand matrix and highly variable clast content ranging from 15% to 70% (Bajc, 1991). Striae indicate that this till was transported at about 220°. The Whitemouth Lake Till is composed dominantly of silt and clay with less than 10% clasts, usually of pebble size and usually carbonate (dominantly dolostone) with subordinate shales; the clasts indicate a western provenance (from the Williston Basin)for this till (Bajc, 1991).

8.^{0} 1994 Overburden Drilling Program

8.^{1} Introduction

A program consisting of reverse circulation and rotasonic drill holes was completed in Richardson and Potts townships between 6 March and 1 April, 1994. In total 1100.^{2}m of drilling was completed in 51 holes in two clusters, over a discontinuous east-west distance of 9km. One cluster of holes in Richardson Township consisted of 20 RC holes comprising 529.^{1}m, and 315.^{7}m of rotasonic drilling in 20 holes. A second group in Potts Township comprised 255.^{4}m of RC drilling in 11 holes. All drill logs and drill sections are presented in appendix II, all bedrock geochemical data is included in appendix III, all geochemical results from overburden sampling is in appendix IV, all tabulated till analyses and gold grain counts are in appendix V, and all bedrock chip logs are in appendix VI.

In Richardson Township all holes were collared on the grid located there which consists of an east-west oriented baseline with north-south departures at 100m intervals, stations are sited at 50m and locally 25m intervals along the departures. However in Potts Township no grid was established and the holes were sited on an air photo and their locations chained while drilling was underway.

All RC holes were drilled by Bradley Bros. Diamond Drilling of Timmins, Ontario, using a fully unitized reverse circulation drill mounted on a Nodwell tracked vehicle. All rotasonic holes were drilled by Midwest Drilling of Winnipeg, Manitoba, using a fully unitized rotasonic drill mounted on an all wheel drive truck.

Drilling was conducted on a reconnaissance scale with holes separated by 250m-400m; RC traverses in Richardson Township were about 500m-800m apart. Rotasonic holes were not as systematically collared because these holes served the dual purpose of testing for up-ice bedrock mineralization and testing bedrock associated with the numerous I.P. repsonses obtained between lines 2W and 18E on the Richardson grid. In Potts Township a single dog-leg RC traverse was drilled across a large bog adjacent to highway 71 (see fig. 2).

Till logging and sampling from all RC drill holes was conducted by a crew contracted from Overburden Drilling Management Ltd. of Nepean, Ontario, (ODM) led by Mr. P.Collins. All till analysis, heavy mineral concentration and gold grain counts were conducted by ODM, as was examination of bedrock chip samples by binocular microscope. All geochemical analyses of the heavy mineral concentrate and the bedrock samples was conducted by Bondar Clegg of Ottawa, Ontario. Accurrassay of Thunder Bay, Ontario, provided check assays of the bedrock samples.

Till logging of core obtained from the rotasonic drill holes was conducted by the

writer. Once again all till analyses and gold grain counts were conducted by ODM, and geochemical analyses by Bondar Clegg.

The most productive medium for sampling proved to be the lowermost or Whiteshell Till. The limited number of gold grains found in the overlying Whitemouth Lake Till and obvious difficulties in determining the location of a bedrock source for any grains detected precluded the use of this horizon as a sampling medium. Consequently after the first few drill holes overburden sampling was essentially restricted to the Whiteshell Till and associated interbedded horizons.

Normally heavy mineral concentrates obtained from the overburden samples are considered anomalous if they contain more than 10 pristine to modified gold grains or the concentrate assays > 1000ppb gold based upon a 350:1 concentration factor (Averill, 1994a).

8.^{2} Richardson Township Reverse Circulation Results

All RC holes in Richardson Township were collared between lines 8W and 24W (refer to fig. 2 in pocket). The purpose of these holes was to reproduce results obtained from the COMDA survey of 1988, to expand the understanding of the till geology and geochemistry for the south Richardson Township area, to obtain bedrock samples from widely distributed sites, hopefully allowing a crude understanding of bedrock stratigraphy, and to test for the presence of gold dispersed in till. The drill holes average approximately 25m depth and virtually no outcrop occurs in the drill area. The whiteshell Till averages about 2.5m thickness while the Whitemouth Lake Till is over 18m thick on average and generally less than 1m of associated interbedded horizons are encountered.

Brittle and ductile deformation are common in the drill area (bedrock chip logs are included in appendix VI.), and deformation is particularly well developed in the felsic-intermediate metavolcanic stratigraphy between lines 8W and 12W where sericite schists are common, displaying a tectonic groundmass. This area coincides closely with the interpreted location of a ductile deformation zone (from LANDSAT imagery). Pyrite content in these rocks generally range from 1 to 5 percent and much of it is interpreted to be an alteration product produced by a reaction between chlorite and a hydrothermal fluid (Averill, 1994).

Geochemical analyses show much of the bedrock to be anomalous with respect to gold content; only holes 4 and 5 returned values of less than 5ppb. Analyses obtained from holes 11 through 15, from the deformed lithologies discussed above, returned values of 94ppb to 314ppb; when combined with values obtained from hole 93-5 and rotasonic holes 94-14 and 94-15 this area appears to define a 0.^{5}km by 1.^{5}km northeast trending block of anomalous bedrock (Averill, 1994).

Most geochemical analyses of samples obtained from the Whiteshell Till horizon

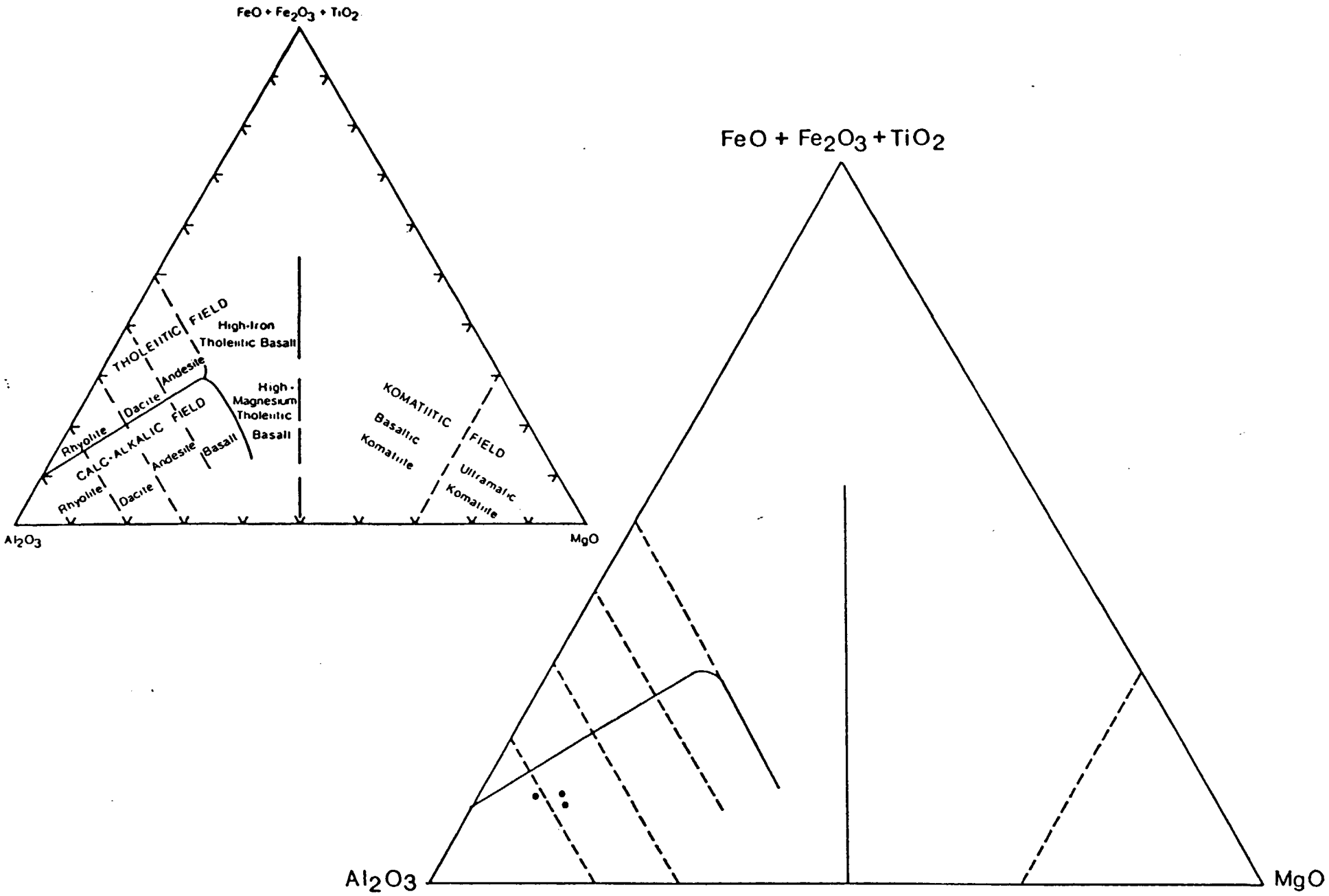


Fig.5 Jensen Cation Diagram - Potts Township Volcanics

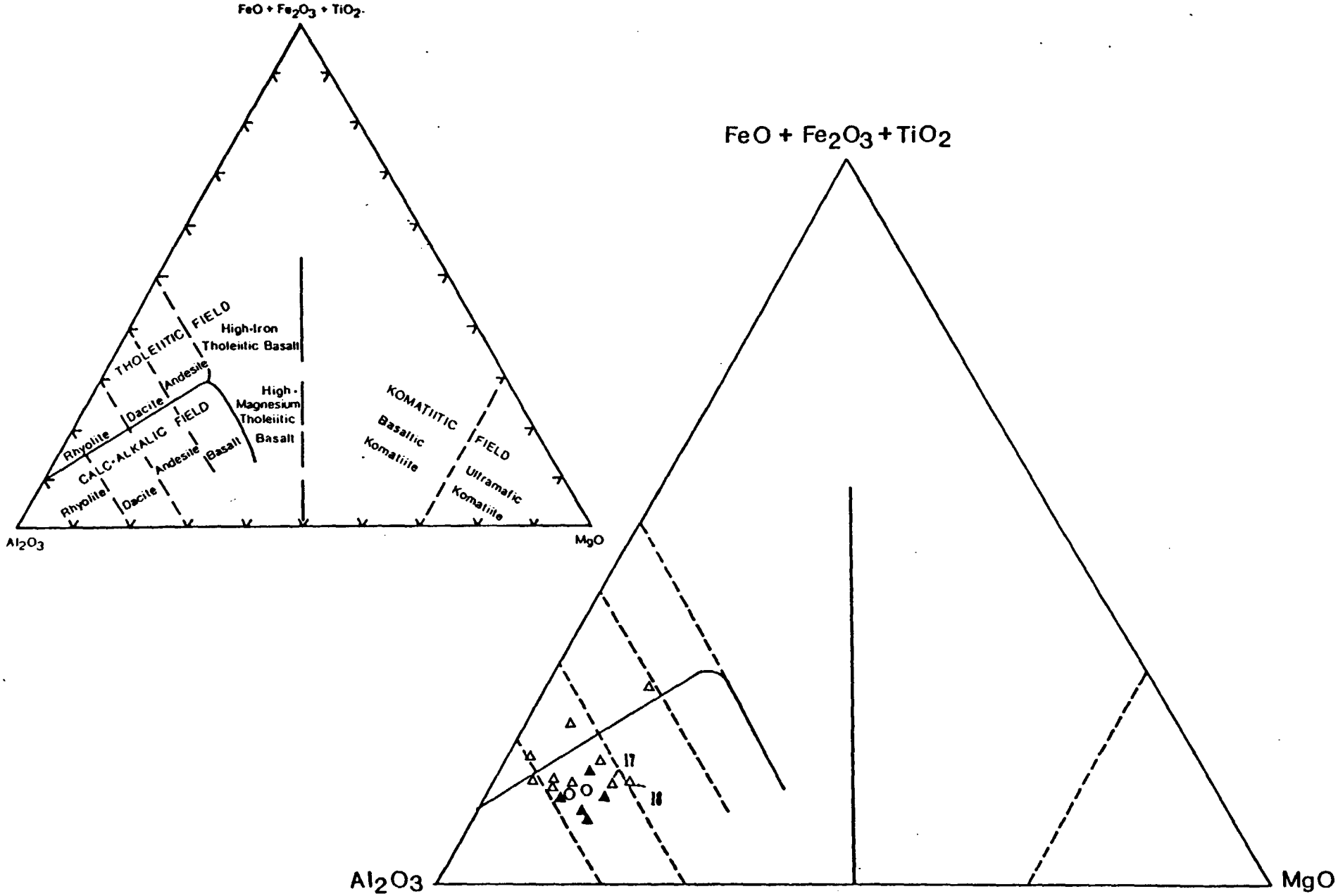


Fig.6 Jensen Cation Diagram - Richardson Township Volcanics (frm RC Holes)

returned anomalous values and almost all holes contained anomalous gold grain counts (an average of 86 gold grains per hole was obtained for all holes drilled west of line 0 in 1994, including several rotasonic holes). Those samples obtained from the holes drilled downice from the anomalous bedrock block inferred above contain particularly abundant gold grain accumulations, often exceeding several hundred grains (see appendix V.), and often grossly oversized pyrite heavy mineral concentrations, adding to the prospective nature of this area. Analyses were also performed to determine the As, Sb, Ag, Cu, Zn, and W contents of the Whiteshell Till. Correlation coefficients calculated from these values indicate that there poor corrrelation between Au and these elements with the possible exception of Zn (Au:Zn correlation ceofficient of 0.[36]); consequently, of the elements tested to date, only Zn may be of possible use as an indicator mineral to gold mineralization.

8.[3] Richardson Township Rotasonic Results

The results of the rotasonic drilling in Richardson Township display greater diversity than those of the RC drilling. This is partly due to the greater density of outcrop underlying the eastern part of the rotasonic drill area and consequent reduced sample recovery and also to the broader area covered by the drill holes (when compared to the RC drilling). The average depth of these holes is about 15m. The Whiteshell Till (and consequently little or no gold) was not recovered in 6 holes (S-94-01, 03, 05, 09, 12 and 14) and few gold grains were obtained from a further 6 holes (S-94-02, 04, 06, 07, 11, and 13). These holes averaged about 15m depth (although the holes drilled east of line 0 averaged less - approximately 9m) with less than 1m of Whiteshell Till on average and about 10m of Whitemouth Lake Till.

Hole S-94-14 and 15 returned strongly anomalous bedrock values, 130ppb and 2917ppb respectively. These samples coupled with the results obtained from hole 93-05 (Jones, 1993) and the generally lower values obtained from holes to the east appear to define the east limt of the anomalous bedrock block discussed in the previous section.

Not unexpectedly, Whiteshell Till obtained from hole S-94-15 provided abundant gold grains (54 in total). Other anomalous accumulations obtained from holes S-94-16, 18, 19, and 20, all located in the area overlain by the genearlly abundant and anomalous NE till between line 0 and 24W. Hole S-94-10 provided the greatest number of gold grains, 62 in all, although the bedrock analysis returned only a low value. However since hole S-94-10 is located on the interpreted trend of a ductile deformation zone potential may exist for bedrock mineralization up-ice.

8.[4] Potts Township Reverse Circulation Results

The purpose of the Potts Township drilling was to provide a traverse across the metavolcanic stratigraphy underlying in the area, thereby testing the NE Till at a distal up-ice location relative to Richardson Township and generally testing for dispersion trains

originating to the northeast (i.e. in the metavolcanics east of Hwy 71).

Because of extensive overburden cover in the area underlain by the drill traverse and the presence of an unexpected lobe of the Black Hawk Stock, only 3 holes intersected strongly hornfelsed metavolcanics (RP-94-01, 02, and 11), the remainder interected dioritic material from the stock.

All analyses for gold from the bedrock samples are subanomalous, ranging from <5ppb to 10ppb. Analysis of the Whiteshell Till shows only one sample to be anomalous - RP-94-05 sample 1 with 12 gold grains. However this result is not considered significant because it occurs in isolation, and was not obtained from immediately above bedrock (where no gold was obtained). The general paucity of gold grains can be attributed to the unsheared, unmineralized condition of the underlying bedrock (Averill, 1994).

9.0 Conclusions and Recommendations

Overburden drilling was conducted in Richardson Township and Potts Township during March and early April, 1994. In total 40 drill holes were completed in Richardson Township and 11 in Potts Township, totalling 1100.2m overall.

In Richardson Township an extensive area of Whiteshell Till, transported from the northeast and anomalous with respect to gold grain content, was intersected between lines 0 and 24W. In particular in a highly anomalous block encountered in several holes between line 0 and 8W , several holes have returned over 100 gold grains from Whiteshell Till overlying bedrock which returns anomalous gold analyses.

In Potts Township no anomalous till or bedrock was encountered in the area traversed by the drilling. Of note, much of the bedrock intersected appears to be composed of diorite/monzonite and may be an aphysis of the Black Hawk Stock.

The overburden drilling program has proved to be very effective in collectiong overburden samples. Of note there appears to be little difference in the quality of samples obtained from the more efficient reverse circulation method versus the rotasonic method. Consequently reverse circulation should be considered for any reconnaissance programs considered for the extensive Nuinsco land holdings to the west, which are often covered by significant thicknesses of overburden.

The anomalous block outlined by the RC and rotasonic drilling provides an excellent, albeit large, drill target. Prime consideration should be given to testing the bedrock geology with diamond drilling.

10.0 References

Averill, S.A., 1994a. Bedrock Geology and Till Gold Geochemistry of Reverse Circulation Drill Holes 94-01 to 94-20. Report prepared for Nuinsco Resources Ltd., 20pp plus appendices and pocket.

Averill, S.A., 1994b. Bedrock Geology and Till Gold Geochemistry of Reverse Circulation Drill Holes RP-94-01 to 94-11. Report prepared for Nuinsco Resources Ltd., 16pp plus appendices.

Bajc, A.F., 1991a. Till Sampling Survey, Fort Frances Area. Results and Interpretation. O.G.S. Study 56, 214pp, plus plans.

Bajc, A.F., 1991b. Quaternary Geology, Fort Frances - Rainy River Area. O.G.S. Open File Report 5794, 170pp, plus plans and sections.

Blackburn, C.E., 1976. Geology of the Off Lake - Burditt lake Area, District of Rainy River. O.D.M. Geoscience Report 140, 62pp, plus map.

Jones, P.L., 1993. Richardson Township Project. Rotasonic Overburden Drilling Program. Internal company report for Nuinsco Resources Ltd., 16pp plus appendices and pocket.

11.0 Certificate of Qualifications

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

1: I am a Consulting Geologist, since 1986.

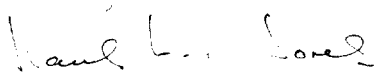
2: I am graduate of Carleton University, Ottawa, 1982, with a B.Sc. (Hons.) in Geology.

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 involvement in the exploration program in the Rainy River area, specifically Richardson Twp. and Potts Twp.

Dated at Ottawa, this 20th day of October, 1994.



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

Appendix I
Program Expenditures

Program Expenditures
1994 Rainy River Overburden Drilling Program

	Direct	Indirect	Grand Total
Supervision	$ 7236.91	$ 944.22	
	2953.20	$ 330.91	
Reverse Circulation Drilling	35415.98		
Rotasonic Drilling	41390.23		
Consultant (O.D.M.)	27168.93		
Support (water haulage etc.)	6591.20		
Geochemistry	4625.77		
Accomadation		700.00	
Truck Lease		1081.51	
Total	$125,382.22	$3056.64	$128,438.86

Note: The total program comprised 1100.2m of drilling, combined with the total costs above overall drilling cost/metre is $116.[74]

PAUL L. JONES 27 Briermoor Crescent Ottawa, Ontario K1T 3G7 (613) 738-2248

April 1, 1994.

Quinsco Resources Limited,
908, The East Mall,
Toronto (Etobicoke), Ontario,
M6B 6K2.
(03)

Invoice March, 1994.

For the Rainy River Project area. Work related to the supervision of reverse circulation drilling and rotosonic drilling on the Richardson grid and in Potts Twp

29 days @ $230/day	- $6770.00
G.S.T. @ 7%	- $ 466.91
Expenses: as per sheets	- $ 944.22
Total	- $8081.13

Sincerely
Paul Jones

PAUL L. JONES 27 Briermoor Crescent Ottawa, Ontario K1T 3G7 (613) 738-2248

April 20, 1994

Nuinsco Resources Ltd.,
908 The East Mall,
Toronto, Ontario,
M6B 6K2.
(04)

Invoice: April, 1994.

Richardson Township, Overburden Drilling Program:

For professional fees relating to reverse circulation and rotosonic drilling conducted on the Nuinsco Resources Ltd., Richardson Twp. claims.

12 days @ $230/day	-	$2760.00
G.S.T. @ 7%	-	$ 193.20
Expenses: as per attached sheet	-	$ 330.91
Total	-	$3284.11

Sincerely
Paul Jones

BRADLEY BROS. LIMITED

CONTRACT DIAMOND DRILLING

March 31, 1994

Nuinsco Resources Limited
908 The East Mall,
Etobicoke, Ontario M9B 6K2

Invoice No. 1680-01N

G.S.T./T.P.S. #: R100616788

Q.S.T./T.V.Q. #: 1000681845

Hole No.			March 5 to 16, 1994 Rainey River Area	
	Mobilization			$ 3,000.00
RR94-01	0	87	87 feet	
RR94-02	0	55	55 feet	
RR94-03	0	85	85 feet	
RR94-04	0	64	64 feet	
RR94-05	0	78	78 feet	
RR94-06	0	59	59 feet	
RR94-07	0	80	80 feet	
RR94-08	0	76	76 feet	
RR94-09	0	133	133 feet	
RR94-10	0	68	68 feet	
RR94-11	0	97	97 feet	
RR94-12	0	133	133 feet	
RR94-13	0	141	141 feet	
RR94-14	0	101	101 feet	
RR94-15	0	92	92 feet	
RR94-16	0	50	50 feet	
RR94-17	0	70	70 feet	
RR94-18	0	57	57 feet	
RR94-19	0	123	123 feet	
RR94-20	0	115	115 feet	
RP94-01	0	119	119 feet	
RP94-02	0	84	84 feet	
RP94-03	0	72	72 feet	
RP94-04	0	84	84 feet	
RP94-05	0	67	67 feet	
RP94-06	0	70	70 feet	
RP94-07	0	61	61 feet	
RP94-08	0	68	68 feet	
RP94-09	0	84	84 feet	
RP94-10	0	64	64 feet	
RP94-11	0	70	70 feet	

Forward . . .

BRADLEY BROS. LIMITED

CONTRACT DIAMOND DRILLING

March 31, 1994

Nuinsco Resources Limited
908 The East Mall,
Etobicoke, Ontario M9B 6K2

Invoice No. 1680-01N

G.S.T./T.P.S. #: R100616788

Q.S.T./T.V.Q. #: 1000681845

Hole No.	March 5 to 16, 1994 Rainey River Area		
	Operating hours: 98 hours	$150.00	$ 14,700.00
	Servicing: march 12 - 1 hour	150.00	150.00
	Muskeg: 98 hours	40.00	3,920.00
	Down the hole consumables: 8 Troop bits @ $350.00 - $2,800.00 3 adaptors @ 290.00 - 870.00 $3,670.00 Plus 15% 550.50		4,220.50
	Room and Board March 5 to 16 - 12 days X 3 men X $58.00		2,088.00
	3 bags of Readycreat	6.85	20.55
	Trucking - Float - March 13		To follow
	Demobilization		5,000.00
			$ 33,099.05
		G.S.T. 7%	2,316.93
			$ 35,415.98

VO 1-2

INVOICE

MIDWEST DRILLING
A DIVISION OF GERMAC ENTERPRISES LTD.

Invoice No. 5-719

CORE BOXES

80 - 4½" Sonic Core Boxes @ $12.00/box — $960.00

CEMENTING

DATE	HOURS
Mar. 28	1
29	½
30	½
Apr. 1	½
	2½

2½ Cementing @ $185.00/hr. — $462.50
5 - 80# Bags Cement @ $11.49/bag — $57.45
Plus 15% — 8.61
66.06
$528.56

STANDBY

DATE	HOURS
Mar. 24	½
25	½
26	1½
	2½

2½ Standby Hours @ $185.00/hr. — $462.50

MIDWEST DRILLING
A DIVISION OF GERMAC ENTERPRISES LTD.

INVOICE

Invoice No. 5-719

MOVE IN - MOVE OUT

As Per Contract $ 7,400.00

OPERATING & MOVING

DATE	HOURS
Mar. 24	11½
25	11½
26	10½
27	12
28	12
29	10½
30	5½
31	13
Apr. 1	11½
	98

98 Hours @ $185.00/hr. $18,130.00

DOWN THE HOLE MATERIALS

HOLE #	METRES	HOLE #	METRES
94-1A	3.66	94-11	8.84
94-1B	2.44	94-12	2.44
94-2	17.07	94-13	21.64
94-3	4.88	94-14	10.97
94-4	33.22	94-15	29.26
94-5	11.58	94-16	28.04
94-6	4.27	94-17	21.64
94-7	6.10	94-18	21.95
94-8	16.15	94-19	21.64
94-9	9.14	94-20	36.58
94-10	8.53		203.00
	117.04		

320.04 Metres @ $35.00/metre $11,201.40

PAD. 1

INVOICE

MIDWEST DRILLING

A DIVISION OF GERMAC ENTERPRISES LTD.

180 CREE CRESCENT / WINNIPEG, MANITOBA R3J 3W1

TO: Nuinsco Resources Limited
908 The East Mall
ETOBICOKE, Ontario

Attention: George Archibald

Invoice No. 5-719
947
Contract No.
Date March 31, 1994

Re: Sonic Drilling - Fort Frances Area
Period: March 1994

MOVE IN - MOVE OUT	$ 7,400.00
OPERATING & MOVING	18,130.00
DOWN THE HOLE MATERIALS	11,201.40
CORE BOXES	960.00
CEMENTING	528.56
STANDBY	462.50
	$38,682.46
G.S.T. #R102006491 - 7%	2,707.77
	$41,390.23

Payment Received - $30,000.00

OVERBURDEN DRILLING MANAGEMENT LIMITED
107-15 CAPELLA COURT, NEPEAN, ONTARIO, K2E 7X1
TELEPHONE: (613) 226-1771/1774
FAX: (613) 226-8753

TO: NUINSCO RESOURCES LIMITED
908 The East Mall
Etobicoke. Ont.
M9B 6K2

DATE: April 5, 1994

ATTENTION: Mr. H. D. Hume

RE: Fort Francis R.C. Drilling

INVOICE# 0394089

Consulting Services:			
Collins, P.		4,640.00	
Pyne, J.		3,120.00	
			$7,760.00
Laboratory Services:			
77 overburden samples @	$36.00	2,772.00	
44 Extra M.I. sep's (large HMCs) @	$14.80	651.20	
56 pannings (0-20 grains) @	$20.00	1,120.00	
25 Hrs. panning (20+ VG and/or high sulphides) @	$32.00	800.00	
32 bedrock geochems @	$4.00	128.00	
77 sample disposal @	$1.00	77.00	
14 pp. FAXed (2 destinations) @	$2.00	28.00	
			$5,576.20
Equipment Resale: as per attached lists			$120.75

.../p. 2

Equipment Rental:				
Truck:	11 days @	$30.00 /day =	330.00	
Truck mileage:	4553 km @	$0.33 /km =	1,502.41	
Sampling supplies:	10 days @	$30.00 /day =	300.00	
				$2,132.41
G.S.T. on O.D.M. services			1,091.26	
•Expenses: as per attached			909.87	
			1409.14	$2,319.01
G.S.T. on applicable items			150.06	
TOTAL INVOICE G.S.T. (registration No. R 104030812)				$1,241.32
INVOICE TOTAL				$19,149.69

Stuart Averill
President

• Expenses include G.S.T. as shown

OVERBURDEN DRILLING MANAGEMENT LIMITED
107-15 CAPELLA COURT, NEPEAN, ONTARIO, K2E 7X1
TELEPHONE: (613) 226-1771/1774
FAX: (613) 226-8753

TO: NUINSCO RESOURCES LIMITED
908 The East Mall
Etobicoke. Ont.
M9B 6K2

DATE: May 6, 1994

ATTENTION: Mr. H. D. Hume

RE: Fort Francis R.C. Drilling

INVOICE# 0494104

Consulting Services:			
Averill, S.		174.00	
			$174.00
Laboratory Services:			
26 overburden samples @	$36.00	936.00	
2 Extra M.I. sep's (large HMCs) @	$14.80	29.60	
8 KIM sample processing @	$148.00	1,184.00	
12 pannings (0-20 grains) @	$20.00	240.00	
2 Hrs. panning (20+ VG and/or high sulphides) @	$32.00	64.00	
26 sample disposal @	$1.00	26.00	
6 pp. FAXed @	$1.00	6.00	
			$2,485.60
G.S.T. on O.D.M. services		186.17	
*Expenses: as per attached		237.95	$237.95
G.S.T. on applicable items		16.66	
TOTAL INVOICE G.S.T. (registration No. R 104030812)			$202.83
INVOICE TOTAL			$3,100.38

Stuart Averill
President

OVERBURDEN DRILLING MANAGEMENT LIMITED
107-15 CAPELLA COURT, NEPEAN, ONTARIO, K2E 7X1
TELEPHONE: (613) 226-1771/1774
FAX: (613) 226-8753

TO: NUINSCO RESOURCES LIMITED
908 The East Mall
Etobicoke. Ont.
M98 6K2

DATE: June 3, 1994

ATTENTION: Mr. H. D. Hume

RE: Fort Francis R.C. Drilling

INVOICE# 0594114

Consulting Services:		
Averill, S.	1,914.00	
MacNeil, K.	108.00	
Graham, K.	510.00	
Collins, P.	240.00	
		$2,772.00
G.S.T. on O.D.M. services	194.04	
*Expenses: as per attached	120.17	$120.17
G.S.T. on applicable items	7.88	
TOTAL INVOICE G.S.T. (registration No. R 104030812)		$201.92
INVOICE TOTAL		$3,094.09

Stuart Averill
President

* Expenses include G.S.T. as shown

OVERBURDEN DRILLING MANAGEMENT LIMITED
107-15 CAPELLA COURT, NEPEAN, ONTARIO, K2E 7X1
TELEPHONE: (613) 226-1771/1774
FAX: (613) 226-8753

TO: NUINSCO RESOURCES LTD.
908 The East Mall
Etobicoke, Ont.
M9B 6K2

DATE: June 28, 1994

ATTENTION: Mr. Douglas Hume

RE: Potts Township RC Drilling Interpretation

INVOICE# 0694126

Consulting Services:		
Averill, S.	1,334.00	
MacNeil, K.	38.00	
Graham, K.	272.00	
		$1,644.00
G.S.T. on O.D.M. services	115.08	
*Expenses: as per attached		
TPH photocopy report	37.67	
UPS deliver to Toronto	9.70	
UPS deliver to Nestor Falls	14.20	
		$61.57
G.S.T. on applicable items	4.12	
TOTAL INVOICE G.S.T. (registration No. R 104030812)		$119.20
INVOICE TOTAL		$1,824.77

Stuart Averill
President

* Expenses include G.S.T. as shown

ULTRA MOBILE DIAMOND DRILLING LTD.
"our name says it all"

12708 24th Avenue
Surrey, B.C. V4A 2E6
(604) 538-0244

INVOICE

April 13, 1994

NUINSCO RESOURCES LTD.
908 The East Mall
Etobicke
Ontario
M9B 6K2

The following Invoice is for services rendered during the Sonic Dr drilling program, near Blackhawk Ontario, for the period MaR.21 TO April 3, 1994

Equipment provided
- 1-John deere 540 B skidder
- 1-Suzuki 4X4 ATV
- 1-Sloop c/w 500 gal water tank
- 1800 ft of water hose
- 1-water pump
- 1-4X4 Ford pickup

In addition
One trip to Shoal Lake mining property to retrieve loaned Mining Equipment belonging to Nuinsco Resources Ltd.

2 men 14 days @ $200/day	$2,800.00
Room and meals - 14 days @ $120/day	1,680.00
Equipment rental 14 days	1,400.00
Fuel consumption 14days @ $20/day	280.00
	$6.160.00
GST	431.80
TOTAL	$6,591.20

Bondar Clegg
Inchcape Testing Services

Bondar-Clegg & Company L.
5420 Canotek Road
Ottawa, Ontario
K1J 9G2
Tel: (613) 749-2220
Fax: (613) 749-7170

Invoice : 0181135, Page 1

NUINSCO
MR. PAUL JONES
908 THE EAST MALL
TORONTO, ONTARIO
M9B 6K2

Date : 7-APR-94

Report No: 094-41789.0
Project : 444
Reference:

32 Analyses of Whole Rock,Ba,Cr,Sr	at $25.00	$ 800.00	$ 800.00
Alumina (Al2O3)	Barium		
Calcium (CaO)	Chromium		
Total Iron (Fe2O3)	Potassium (K2O)		
Loss on Ignition	Magnesium (MgO)		
Manganese (MnO)	Sodium (Na2O)		
Phosphorous (P2O5)	Silica (SiO2)		
Strontium	Titanium (TiO2)		
Whole Rock Total			
32 Analyses of Gold	at $ 9.65	$ 308.80	
Subtotal		$ 308.80	$ 308.80
Sample Preparation			
32 Samples of PULVERIZATION	at $ 2.50	$ 80.00	
Subtotal		$ 80.00	$ 80.00
Miscellaneous Charges			
Tax GST #R100576693		$ 83.22	
Subtotal		$ 83.22	$ 83.22
	Invoice Total:		$ 1272.02 Cdn

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

Bondar Clegg
Inchcape Testing Services

Bondar-Clegg & Company Ltd
5420 Canotek Road
Ottawa, Ontario
K1J 9G2
Tel: (613) 749-2220
Fax: (613) 749-7170

Invoice : 0181247, Page 1

NUINSCO
MR. JIM WILSON
908 THE EAST MALL
TORONTO, ONTARIO
M9B 6K2

Date : 18-APR-94

Report No: 094-41830.0
Project : NONE
Reference:

30 Analyses of Whole Rock,Ba,Cr,Sr	at $25.00	$ 750.00	$ 750.00
Alumina (Al203) — Barium			
Calcium (CaO) — Chromium			
Total Iron (Fe203) — Potassium (K20)			
Loss on Ignition — Magnesium (MgO)			
Manganese (MnO) — Sodium (Na20)			
Phosphorous (P205) — Silica (Si02)			
Strontium — Titanium (TI02)			
Whole Rock Total			
29 Analyses of Gold	at $ 9.65	$ 279.85	
Subtotal		$ 279.85	$ 279.85
30 Analyses of Zirconium	at $ 7.50	$ 225.00	
Subtotal		$ 225.00	$ 225.00
Sample Preparation			
35 Samples of CRUSH/SPLIT & PULV.	at $ 5.00	$ 175.00	
Subtotal		$ 175.00	$ 175.00
Miscellaneous Charges			
FAX TO MR. PAUL JONES		$ 5.00	
Tax GST #R100576693		$ 100.44	
Subtotal		$ 105.44	$ 105.44
Invoice Total:			$ 1535.29 Cdn

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

Bondar Clegg
Inchcape Testing Services

Bondar-Clegg & Company L
5420 Canotek Road
Ottawa, Ontario
K1J 9G2
Tel: (613) 749-2220
Fax: (613) 749-7170

Invoice : 0181348, Page 1

NUINSCO
MR. JIM WILSON
908 THE EAST MALL
TORONTO, ONTARIO
M9B 6K2

Date : 22-APR-94

Report No: 094-41852.0
Project : NONE
Reference:

77 Analyses of BCC GenEx Package Silver Copper Zinc Arsenic Gold Antimony Tungsten	at $16.20	$ 1247.40	$ 1247.40
Sample Preparation			
77 Samples of PULVERIZATION	at $ 2.50	$ 192.50	
Subtotal		$ 192.50	$ 192.50
Miscellaneous Charges			
FAX TO MR. WILSON		$ 5.00	
Tax GST #R100576693		$ 101.14	
Subtotal		$ 106.14	$ 106.14
	Invoice Total:		$ 1546.04 Cdn

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

Bondar Clegg
Inchcape Testing Services

Bondar-Clegg & Company Ltd.
5420 Canotek Road
Ottawa, Ontario
K1J 9G2
Tel: (613) 749-2220
Fax: (613) 749-7170

Invoice : 0181416, Page 1

NUINSCO
MR. JIM WILSON
908 THE EAST MALL
TORONTO, ONTARIO
M9B 6K2

Date : 28-APR-94

Report No: 094-41830.1
Project : NONE
Reference:

24 Analyses of Silver	at $ 2.85	$ 68.40	
24 Analyses of Copper	at $ 1.35	$ 32.40	
24 Analyses of Zinc	at $ 1.35	$ 32.40	
Subtotal		$ 133.20	$ 133.20
24 Analyses of Arsenic	at $ 4.85	$ 116.40	
Subtotal		$ 116.40	$ 116.40
Sample Preparation			
24 Samples of AS RECEIVED	at $ 0.00	$ 0.00	
Subtotal		$ 0.00	$ 0.00
Miscellaneous Charges			
FAX TO MR. PAUL JONES		$ 5.00	
Tax GST #R100576693		$ 17.82	
Subtotal		$ 22.82	$ 22.82
Invoice Total:			$ 272.42 Cdn

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

NUINSCO RESOURCES LIMITED
908 THE EAST MALL,
ETOBICOKE, ONT. M9B 6K2

0094

MARCH 7 19 94

PAY TO THE ORDER OF DOUGLAS M. CARLSON

EXACTLY 700 DOLLARS 00 CTS / 100 $ 700.00

DOLLARS

NUINSCO RESOURCES LIMITED

RE

PER

Hongkong Bank of Canada
70 YORK STREET 868-8000
TORONTO, ONTARIO M5J 1S9

PER

⑈0000940⑈ ⑆10002⑈016⑆ 429659⑈010⑈ ⑈000070000⑈

NUINSCO RESOURCES LIMITED
908 THE EAST MALL,
ETOBICOKE, ONT. M9B 6K2

0125

APRIL 15, 19 94

PAY TO THE ORDER OF G.M.A.C.

EXACTLY 531 DOLLARS 51 CTS / 100 $ 531.51

DOLLARS

NUINSCO RESOURCES LIMITED

RE

PER

Hongkong Bank of Canada
70 YORK STREET 868-8000

NUINSCO RESOURCES LIMITED
908 THE EAST MALL,
ETOBICOKE, ONT. M9B 6K2

0023

February 7 19 94

PAY TO THE ORDER OF Douglas M. Carlson

EXACTLY [illegible] CTS. / 100 $ 2,100.00

DOLLARS

NUINSCO RESOURCES LIMITED

RE

Hongkong Bank of Canada
70 YORK STREET 868-8000
TORONTO, ONTARIO M5J 1S9

PER

PER

⑈0000 23⑈ ⑆1000 2⑉016⑆ 4 296 59⑉010⑈ ⑈0000 2 10000⑈

NUINSCO RESOURCES LIMITED
908 THE EAST MALL,
ETOBICOKE, ONT. M9B 6K2

0044

February 11, 19 94.

Truck Lease

PAY TO THE ORDER OF Causeway Pontiac Buick Ltd.

EXACTLY ONE THOUSAND [illegible] CTS. / 100 $ 1081.51

DOLLARS

NUINSCO RESOURCES LIMITED

RE

Hongkong Bank of Canada
70 YORK STREET 868-8000
TORONTO, ONTARIO M5J 1S9

PER

PER

⑈0000 44⑈ ⑆1000 2⑉016⑆ 4 296 59⑉010⑈ ⑈0000 1081 51⑈

Appendix II
Drill Logs and Drill Sections

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 6 19 94
SHIFT HOURS
_____ TO _____
TOTAL HOURS
_____
CONTRACT HOURS
_____

HOLE NO RR-94-01 LOCATION ~8m south of 88-11 ELEVATION _____
GEOLOGIST P.Collins DRILLER R.Legault BIT NO. 5000581 BIT FOOTAGE 0.0 -
MOVE TO HOLE 1:00 - 1:15
DRILL 1:15 - 4:45
MECHANICAL DOWN TIME 8:00-1:00 drill repairs - cooling syste
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1				0.0 - 0.2 Peat
2				0.2 - 1.3 Sediments dark ochre-brown to beige slightly gritty to non gritty clay
3				1.3 - 16.4 Layered Keewatin Till & Lake Agassiz Sands
4				(1.3 - 3.7) beige (slightly oxidized) gritty clay rich matrix. Few small pebble (exotic) clasts mainly limestone.
5				below 3.7m till is unoxidized (gray in colour).
6				(5.4 - 16.9) gray very clay-rich till. Slighty gritty matrix.
7				In places, as indicated on graphic log, there are rip-up clasts of gray soft non gritty clay (recycling of lake sediments).
8				(8.6 - 9.0) appeared to be interbeds of thin sorted fine grained sand with small pebbles
9				
10				
11				
12				
13				16.4 - 16.9 Lake Agassiz Sediments
14				sand gray very fine to fine grained sand (poorly sorted)
15				
16				16.9 - 24.1 Labradorean Till (NE.)
17			01	gray beige fine sand/silt matrix up to ~ 7% gritty clay lumps in places. Pebble and small cobble clasts of composition: 60% volcanics & sediments; 40% Granitoids.
18			02	-Mainly locally derived volcanics some of which are sheared
19				
20			03	

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 6 19 94
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____

HOLE NO RR-94-01 LOCATION ____ ELEVATION ____
GEOLOGIST ____ DRILLER ____ BIT NO. ____ BIT FOOTAGE ____
MOVE TO HOLE ____
DRILL ____
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER ____
MOVE TO NEXT HOLE ____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
21			03	Till is non-clast supported below 18.5 m; there is also some increase in volcanics (up to 85% in places)
22			04	(18.8 – 19.1) boulder - granite
23			05	- in sample 04 & 05 intervals sulphides are present in some of altered locals
24			06	
25			07	
26				24.1 – 26.5 BEDROCK
27				(24.1 – 25.0) appears to be sheared / fractured bedrock surface. Chips are active FeO stained - soft. still get return on matrix & occasional exotic clasts
28				
29				
30				
31				(25.0 – 26.5) bleached to dark green; fine grained; sheared 3 to 5% qtz veinlets
32				
33				~2% sulphides; up to 7% smeared along slip planes
34				- chloritized; no carbonate; epidotized in places below 25.5 m
35				
36				Mafic Volcanic
37				
38				
39				
40				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

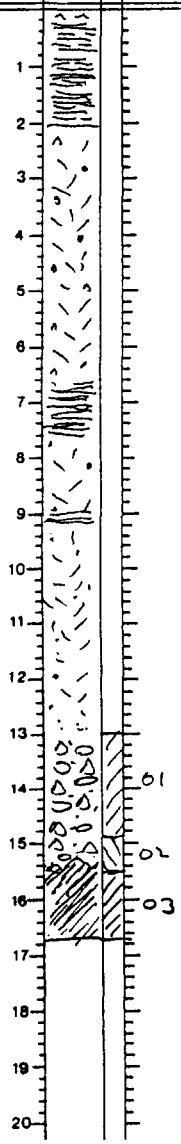
DATE March 6 19 94

SHIFT HOURS
____ TO ____

TOTAL HOURS
____

CONTRACT HOURS
____

HOLE NO RR-94-02 LOCATION 24+36W 2100S ELEVATION ____
GEOLOGIST P. Collins DRILLER R. Legault BIT NO. Sunsai BIT FOOTAGE 26.5
MOVE TO HOLE 4:45 - 5:00
DRILL 5:00 - 6:15
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER ____
MOVE TO NEXT HOLE ____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
			01 02 03	0.0 - 0.2 Root-soil 0.2 - 2.0 ochre to beige (oxidized) non gritty clay 2.0 - 13.0 Layered Agassiz Beds & Keewatin Till beige to grey (unoxidized) slightly gritty clay matrix Sparse small pebble clasts (mainly lineations) till is soft - non compact clay beds on graphic log approximate due to fast drilling (probable rip up clasts) 13.0 - 15.3 Labradorean Till grey beige silt to fine sand with 2-3% gritty clay matrix. pebble and cobble clasts of composition: 70% volcanics/seds ; versus 30% granitoids below 14.7 local, mostly observed volcanic component in areas to ~85% 15.3 - 16.7 Bedrock light green (bleached) Porphyritic texture in places weak to moderate shearing silicification → 3 to 5% qtz veinlets 0.2% disseminated sulphides FeO stain in places altered basaltic/mafic intrusive? 16.7 E.O.H.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 7 19 94

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RR-94-03 LOCATION 24+45W 4+00S ELEVATION _____
GEOLOGIST P. Collins DRILLER R. Legault BIT NO. 5000891 BIT FOOTAGE 23.2-6
MOVE TO HOLE 7:00 - 8:15 New bit: 4001092 0.0-3
DRILL 8:15 - 12:00
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

Pg 1 of 2

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1–20				0.0 - 0.2 organics 0.2 - 3.8 Sediments ochre & beige (oxidized) to grey (below 2.8m) non gritty clay & silt 3.8 - 23.4 Layered Keewatin Till and Lake Agassiz Sediments (3.8 - 12.8) clay till grey, soft, slightly gritty clay/silt matrix Very few small pebble clasts mainly limestone. clay/silt occasional non gritty clay layers pinkable rip up clasts. As shown on graphic log note usually till has little to no clasts and matrix only slightly gritty overlying clay layers (difficult to distinguish at times) (12.8 - 16.0) clay/silt varves, soft to slightly compact, non gritty (16.0 - 17.4) Clay till as before (17.4 - 20.5) clay/silt similar to 12.8 to 16.0

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 7 19 94
SHIFT HOURS
_____ TO _____
TOTAL HOURS
_____
CONTRACT HOURS
_____

HOLE NO RR-94-03 LOCATION _____ ELEVATION _____
GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE _____
MOVE TO HOLE _____
DRILL _____
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
21				(20.5 - 21.2) sand silty very fine to fine grained sand (glaciolacustrine)
22				* at ~22m bit plugged; pull rods
23			01	21.4 - 23.4 Labradorean Till
24			02	grey beige fine sand & silt matrix. Pebble and Cobble sized clasts of composition: 75% Volcanics & Sediments; 25% Granitoids: (mainly locally derived clasts.).
25				* at 21.5 bit plugged; pulled rods; changed bit due to lost cone
26				23.4 - 25.5 Bedrock
27				- green, reddish in places (hematitic)
28				- sheared; bleached FeO stained in places; 3 to 5% quartz veinlets;
29				- porphyritic texture in places
30				- 3% blue quartz eyes (1-2mm)
31				- 0.1% disseminated pyrite
32				- non calcareous
33				sheared mafic-gabbro or diorite
34				25.5 E.O.H.
15				
16				
17				
18				
19				
20				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 7 19 94
SHIFT HOURS
_____ TO _____
TOTAL HOURS
_____
CONTRACT HOURS
_____

HOLE NO RR-94-04 LOCATION 24+40W 6+00S ELEVATION _____
GEOLOGIST P. Collins DRILLER R. Legault BIT NO. L001082 BIT FOOTAGE 3.5-2
MOVE TO HOLE 12:00 - 12:15
DRILL 12:15 - 1:30
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1–20			01, 02, 03	0.0 - 0.2 Organics . soil 0.2 - 0.8 Sediments ochre to beige (oxidized) clay 0.8 - 15.3 Layered Keewatin Till and Lake agassiz Sediments (0.8 - 15.3) beige to grey below 5.4 m slightly gritty clay/silt matrix. Minor small pebble clasts ; mainly limestone. - Fewer clasts below 6.5 m also less gritty - occasional non - gritty clay seams as approximated on graphic log 15.3 - 17.7 Labradorean Till abrupt contact with overlying till. Gray beige fine sand to silt with ~7% gritty clay. Pebble and cobbles of composition: 85% Volcanics & seds (local) ; 15% granitoids. Locals mainly sheared some are prob intrusives 17.7 - 19.5 Bedrock - altered diorite ? - very coloured ochre to green - strongly sheared ; fractured (FeO stained) - 1 - 2 mm blue quartz eyes ~7% - 7% quartz veinlets - hematitic ; chlorite/sericite alteration along slip planes - no visible sulphides 19.5 E.O.H.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 7 19 94

SHIFT HOURS
____ TO ____

TOTAL HOURS
____

CONTRACT HOURS
____

HOLE NO RR-94-05 LOCATION 24W 7175S ELEVATION ____
GEOLOGIST P. Collins DRILLER R. Legault BIT NO. 4001092 BIT FOOTAGE 27.0 -
MOVE TO HOLE 1:30 - 1:45
DRILL 1:45 - 3:15 pm
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER ____
MOVE TO NEXT HOLE ____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1				0.0 - 0.2 organics - soil
2				0.2 - 1.0 Sediments active beige (oxidized) non gritty clay
3				1.0 - 21.0 Layered Kaowatin Till and Lake Agassiz Sediments beige to grey (below 6.0m) clay silt matrix. Few pebble clasts present mainly limestone. Less than 10 mod clasts down hole; clay less gritty also.
4				
5				
6				
7				below 8.0 clay/silt varve seams are common with occasional organic rich seam alternates both 5 to 5th between till (gritty clay) and non gritty clay.
8				
9				
10				
11				
12				(15.3 - 21.0) Lake Agassiz non gritty clay and silt varves
13				
14				
15				
16				
17				
18				
19				
20				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 7 19 94

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RR-94-05 LOCATION 24W 7+75S ELEVATION _____

GEOLOGIST _____ DRILLER _____ BIT NO. 6001092 BIT FOOTAGE 23.0

MOVE TO HOLE _____

DRILL _____

MECHANICAL DOWN TIME _____

DRILLING PROBLEMS _____

OTHER _____

MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
21				21.0 – 22.3 Labradorean Till
22			01	(21.0–21.5) boulder - mafic volcanic (massive)
23			02	(21.5 – 22.3) grey beige silt to fine sand matrix. Near Cobble clast supported. Clast composition: 90% altered basalts 10% granitoids (exotic)
24				22.3 – 24.0 Bedrock
25				- initially ochre to light green
26				- fine grained
27				- sheared (moderately)
28				- 3 to 5% quartz veinlets
29				- chlorite / sericite alteration
30				- no visible sulphides (along dipplanes)
31				- no carbonate
12				Altered basalt?
13				24.0 E.O.H.
14				
15				
16				
17				
18				
19				
20				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 7 1994

SHIFT HOURS _____ TO _____

TOTAL HOURS _____

CONTRACT HOURS _____

HOLE NO RR-94-06 LOCATION 2/100W 8+00S ELEVATION _____

GEOLOGIST P Collins DRILLER R Legault BIT NO. 6001092 BIT FOOTAGE 478-4

MOVE TO HOLE 3:15 - 3:30

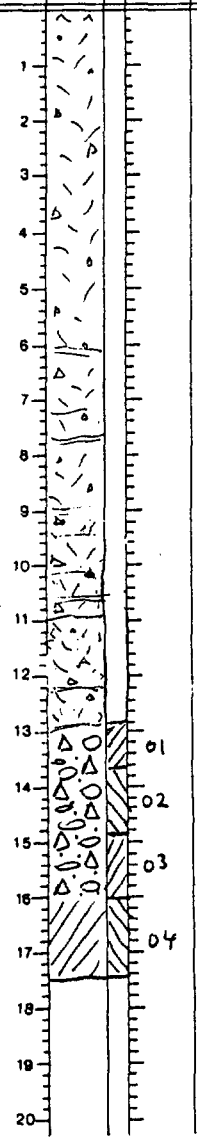
DRILL 3:30 - 5:15

MECHANICAL DOWN TIME _____

DRILLING PROBLEMS _____

OTHER _____

MOVE TO NEXT HOLE 5:15 - 6:00 (+ set up)



DESCRIPTIVE LOG

0.0 - 0.2 Organics / soil

0.2 - 12.8 Layered Keewatin Till and Lake Agassiz Sediments

ochre beige (oxidized) clay/silt matrix. Unoxidized below 5.5 m. Small pebble clasts (mainly limestone) are present. They decrease in number below 6.0 m. Also occasional non gritty clay layers.

12.8 - 16.0 Labradorean Till

slightly sorted (silt deficient) grey beige silt to fine sand matrix. Mainly cobble sized clasts (clast supported) of composition: 80% Volc./sediments, 20% granitoids.

Below 12.5 up to 95% local clasts.

16.0 - 17.5 Bedrock

- mainly grey; fractured
- Fe O stained in places
- fine grained; weakly sheared
- silicified (hard to drill)
- 0.1% finely disseminated py in places

intermediate to felsic Volc.?

17.5 E.O.H.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 8 1994
SHIFT HOURS
_____ TO _____
TOTAL HOURS
_____
CONTRACT HOURS
_____

HOLE NO RR-94-07 LOCATION 22m 3+505 ELEVATION _____
GEOLOGIST P. Collins DRILLER R. Legault BIT NO. 4001092 BIT FOOTAGE 64.5-
MOVE TO HOLE 5:05 - 5:30 setup clean tanks 5:30 - 6:00 March
DRILL 8:00 - 10:15 (8+)
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

Pg 1 of 2

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				0.0-0.2 Organics / soil
				0.2 - 2.8 Glaciolacustrine Sediments very soft slightly gritty to non gritty oxidized clay. Unoxidized below 2.0 m
				2.8 - 18.5 Layered Kaministiquia Till and glaciolacustrine Sediments - grey slightly gritty clay rich matrix. Sparse small pebble clasts mainly limestone. - beds of soft, non gritty grey clay as shown on graphic log - below 8.0 m very few clasts or grit. It is difficult to distinguish between till and lake sediments in places.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 8 1994
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____

HOLE NO RR-94-07 LOCATION ____ ELEVATION ____
GEOLOGIST ____ DRILLER ____ BIT NO. ____ BIT FOOTAGE ____
MOVE TO HOLE ____
DRILL ____
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER ____
MOVE TO NEXT HOLE ____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
21				18.5 - 21.2 Lake Agassiz Sediments
22			01	Varved grey soft non gritty clay and silt. Thin grey very fine to fine sand interbeds below 20.0 m. Abrupt contact into underlying till.
23			02	
24				21.2 - 22.4 Labradorean Till
25				grey beige silt to fine sand matrix. Pebble and cobble clasts mainly of local provenance 80% Volcanics & Seds; 20% granitoids.
26				
27				
28				
29				22.4 - 24.0 Bedrock
30				- medium green rusty FeO stained. Fractured some light green rock powder lumps.
31				- some overburden contamination
32				- weakly sheared: 3% quartz veinlets chlorite-gt; no visible sulphides; no carbonate
33				
34				Altered Mafic Volc.
35				
36				24.0 E.O.H.
37				
38				
39				
40				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 8 19 94
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____

HOLE NO RR-94-08 LOCATION L20+00W 6+00S ELEVATION ____
GEOLOGIST P. Collins DRILLER R. Legault BIT NO. 001092 BIT FOOTAGE 38.5 -
MOVE TO HOLE 10:15 - 10:45
DRILL 10:45 - 1:45
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER ____
MOVE TO NEXT HOLE ____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0.0 - 0.2 organics / peat
1				0.2 - 3.8 Sediments
2				active - oxidized slightly gritty to non gritty clay with occasional
3				thin silty sand interbed
4				below ~2.0m unoxidized grey
5				non gritty clay
6				3.8 - 21.0 Layered Keewatin
7				Till and glaciolacustrine
8				Sediments
9				Grey slightly gritty clay
10				rich matrix. Sparse small
11				pebble clasts mainly limestone.
12				(11.6 - 13.2) beige, poorly sorted fine
13				grained sand occasional thin dark
14				grey clay partings - thicker beds
15				down interval. There is the odd
16				pebble clast in the sand mainly
17				limestone.
18				(13.2 - 13.4) till as in 3.8 - 11.6
19				(13.4 - 14.0) sandy clay as in 11.6 - 13.2
20				(14.0 - 14.9) sand & clay : sorted
				medium grained sand possibly glaciofluvial
				(with limestone augment) with occasional
				thin clay bed
				(14.9 - 15.8) Till very clay rich
				matrix. Very few limestone clasts.
				grades to non gritty clay
				(15.8 - 17.0) Clay grey, non gritty
				(17.0 - 20.0) Clay Till similar
				to 14.9 - 15.8

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 8 19 94

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RR-94-08 LOCATION _____ ELEVATION _____

GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE _____

MOVE TO HOLE _____

DRILL _____

MECHANICAL DOWN TIME _____

DRILLING PROBLEMS _____

OTHER _____

MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				Lake Agassiz Sediments
21				20.0 - 20.5 varved light grey non gritty clay and silt
22			01	20.5 - 21.0 clay / sand poorly sorted fine grained sand with clay interbeds
23			02	21.0 - 22.0 Labradorean Till grey beige silt to fine sand matrix. Cobble clasts predominantly of local provenance: sheared Volc & intrusives ~80%; 20% exotics
24				
25				
26				
27				
28				22.0 - 23.5 Bedrock
29				- light green (bleached)
30				- strongly sheared: porphyroblasts of blue quartz eyes 8-10%
31				
32				- chloritic; sericite? musc. alteration along slip planes
33				
34				- up to 1% diss. sulphides in places
35				
36				sheared diorite ?
37				23.5 E.O.H.
38				
39				
40				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 8, 1994

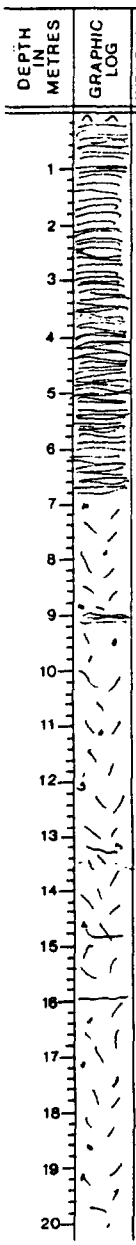
SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RR-94-09 LOCATION L18+00W 8+00S ELEVATION _____
GEOLOGIST P. Collins DRILLER S. Legault BIT NO. L001092 K000876 BIT FOOTAGE 112.1 - 0.0 - 2
MOVE TO HOLE 1:45 - 2:15 (8 hr)
DRILL 2:15 - 6:30 (8 hr) 8:00 - 10:45 (9 hr)
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

New Bit ; New Sub



DESCRIPTIVE LOG

0.0 - 0.2 Organics / Peat

0.2 - 6.8 Sediments

beige (oxidized) to grey (below 3.0m) non gritty clay

6.8 - Layered Keewatin Till and Glaciolacustrine & glaciofluvial Sediments

Till grey, slightly gritty, clay rich matrix. Sparse small pebble clasts mainly limestone

(6.8 - 21.5) - more or less homogenous down hole with occasional non gritty clay layer.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 8, 1994
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____

HOLE NO RR-94-09 LOCATION 18+00W 8+00S ELEVATION ____
GEOLOGIST P. Collins DRILLER R. Legault BIT NO. 4001092 BIT FOOTAGE 112-1
MOVE TO HOLE ____
DRILL ____
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER ____
MOVE TO NEXT HOLE ____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
21				(21.5 - 24.0) sand & clay non gritty clay with poorly sorted fine sand interbeds. Occasional limestone clast
22				(24.0 - 24.4) clay : grey, non gritty
23				(24.4 - 25.8) clay till : as before with occasional thin very fine sand bed
24				(25.8 - 30.2) alternates between clay till and non gritty clay with poorly sorted fine sand interbeds.
25				
26				30.2 - 36.5 Glaciofluvial Sediments
27				(30.2 - 32.7) gravel : abundant return on +10 mesh clasts - hit aquifer. Clasts are mainly pebbles less angular than till (some subrounded) 60% Volcanics & Seds ; 40% granitoid - greater exotic component.
28				Matrix mainly medium sand most of fines are rock cuttings
29				
30				
31		01		(32.7 - 34.6) sorted coarse grained sand occasional pebble bed
32				
33		02		(34.6 - 35.0) gravel : with coarse sand matrix; however local clasts up to 80% may be good sampling medium
34				
35		03		(35.0 - 35.8) boulder - pyroclastic
36		04		(35.8 - 36.5) gravel : similar to 34.6 - 35.0 abundant local sheared clasts ± sulphides
37		05		
38				(36.5 - 38.0) Till ? appears to be clast supported till. Matrix composed mainly of rock cuttings (possibly fractured bedrock surface) Clasts mainly local sheared - with sulphides
39		06		
40				

* bit plugged at 37.8 ; try to un plug ; eventually pull rods. Bit worn out change bit & parts

38.0 - 40.0 BEDROCK
- very soft ; mainly rock powder lumps.
- chips are grey green
- some overburden contamination due to cave in.
- rock is extensively fractured
- strongly sheared ; foliated
- 2-3% disseminated sulphides
Altered mafic or ultramafic Volc.

40.0 E.O.H.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 9 19 94

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RR-94-10 LOCATION 16W 8+00S ELEVATION _____
GEOLOGIST P.Collins DRILLER R.Legault BIT NO. Reed 876 BIT FOOTAGE 2.5 -
MOVE TO HOLE 10:45 - 11:00
DRILL 11:00 - 12:45
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				0.0 - 3.0 SEDIMENTS
				(0.0 - 1.0) ochre gritty sandy clay
				(1.0 - 1.5) gravel · bed of granules no matrix mainly sandstone limestone
				(1.5 - 3.0) clay : beige oxidized to grey (unoxidized) non gritty clay
				3.0 - 18.2 Keewatin Till with glacio lacustrine layers.
				(3.0 - 16.0) clay till matrix gritty to very slightly gritty (in places difficult to distinguish between clay and clay till). sparse small pebble clasts distal sandstone, limestone
				(16.0 - 16.4) matrix sandier ; more abundant clasts as above
				(16.4 - 18.2) similar to 3.0 - 16.0
				18.2 - 19.4 Labradorean Till gravel-like clast supported till. Cobbles 90-95%. Local volcanics / intrusives ; 5-10% distal granitoids. Very little matrix abundant -10 mesh cuttings. Many clasts are sheared and mineralized
				19.4 Bedrock
			01	- light grey green (chloritic)
			02	- strongly sheared
			03	- blue quartz eyes present 1-2
				- highly silicified but dissected and vein. Smoky quartz veins up to 2 cm in places (2 thousand
				-0.5 to 1% dissected sulphides
				sheared intrusive possibly diorite

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 9 1994
SHIFT HOURS _____ TO _____
TOTAL HOURS _____
CONTRACT HOURS _____

HOLE NO RR-94-11 LOCATION 13W 8+00S ELEVATION _____
GEOLOGIST P. Collins DRILLER R. Legault BIT NO. K000876 BIT FOOTAGE 23.5-3
MOVE TO HOLE 12:45 - 1:00
DRILL 1:00 - 4:30
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1–20				0.0 - 0.5 Peat - organic 0.5 - 23.7 Layered Keewatin Till and glaciolacustrine sediments (Lake Agassiz) (0.5 - 12.6) beige (oxidized) to gray (unoxidized) below 3.0 m. Silty to very slightly gritty matrix (difficult at times to distinguish between till and non gritty clay) sparse small pebble clasts mainly exotic sandstone & limestone (12.6 - 13.0) matrix has a sandy component plus few more clasts

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 9 19 94
SHIFT HOURS _____ TO _____
TOTAL HOURS _____
CONTRACT HOURS _____

HOLE NO RR-94-11 LOCATION _____ ELEVATION _____
GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE _____
MOVE TO HOLE _____
DRILL _____
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
21				(19.0 – 23.7) mainly sandy gritty clay with occasional thin clay till horizon.
22				
23				23.7 – 27.4 Labradorean Till and glaciofluvial Sediments
24		01		(23.7 – 25.0) Till slightly sorted matrix (silt deficient) fine/med. sand. Clast supported; mainly pebble and cobble clasts of approximate composition: 80% Volcanics/sediments; 20% granitoids
25		02		* at 24.6 bit plugged; then bypass problem: pull rods → hole in side of lost rod.
26		03		(25.0 – 26.5) gravel: absolutely no matrix: Pebbles/cobbles: 75% volcanics/sed's 25% granitoids
27		04		(26.5 – 27.2) gravel: as above in composition with sorted medium to coarse sand matrix. Gravel/sand is oxidized - active. Oxidation quite pervasive (interglacial sediments)
28				(27.2 – 27.4) Till? matrix active/slightly unsorted with up to 90% local sheared volcanics cobbles. Appears to be thin till overlying bedrock
29				27.4 – 29.0 Bedrock Altered Fels. Volc
30				pale gray green (Chloritic) strongly sheared; fractured abundant FeO stain (in matrix)
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

moderate along slip planes: siliceous (hard to drill)
5-7% quartz veinlets; 2-3% disseminated/stringer sulphides
minor chalcopyrite along some veinlets.

29.0 E.O.H.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

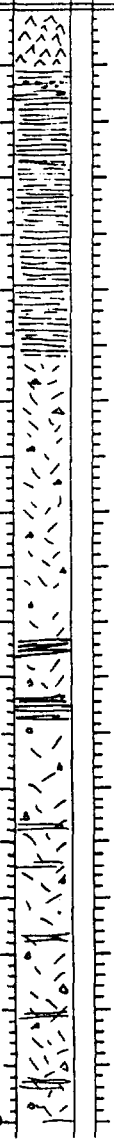
DATE March 9, 19 94

SHIFT HOURS
____ TO ____

TOTAL HOURS
____

CONTRACT HOURS
____

HOLE NO RR-94-12 LOCATION 1240mW 3+50S ELEVATION ____
GEOLOGIST D Collins DRILLER R. Legault BIT NO. K00876 BIT FOOTAGE 52.5-
MOVE TO HOLE 4:30-4:45
DRILL 4:45-6:50
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER ____
MOVE TO NEXT HOLE ____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1–20				0.0 - 1.0 Peat - organics 1.0 - 6.5 Sediments varved clay and silt. Initially oxidized to unoxidized below 2.0m (1.2 - 1.4) thin gravel - granule clasts mainly sandstone 6.5 - 24.3 Layered Keewatin Till and glaciolacustrine sediments grey clay rich matrix. Very slightly gritty. Sparse small pebble clasts mainly sandstone and limestone below 11.0m non gritty clay layers are present. It is difficult to distinguish between clay till and clay.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 9,10 19~~84~~74 HOLE NO RR-94-12 LOCATION 112 N 3+50 S ELEVATION

GEOLOGIST DRILLER BIT NO. BIT FOOTAGE

SHIFT HOURS

TO

TOTAL HOURS

CONTRACT HOURS

MOVE TO HOLE

DRILL

MECHANICAL DOWN TIME

DRILLING PROBLEMS

OTHER

MOVE TO NEXT HOLE

Pg. 2.52

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
21				24.3 - 29.5 Lake Agassiz Sediments predominantly grey, non gritty clay with rare thin clay silt seams (few small pebbles; very slightly gritty to non gritty clay matrix). * Down interval clay becomes more compact - very slow drilling
22				
23				
24				
25				29.5 - 30.2 Boulder - gabbro
26				30.2 - 30.7 clay/silt varves, compact
27				30.7 - 31.8 glaciofluvial Sediments gravel; clast supported mainly subangular - subrounded pebbles of composition: 65% volcanics & Seds; 35% granitoids (mainly distal) Very little matrix mainly rock cuttings & sorted medium grained sand.
28				
29				
30				
31		01		31.8 - 39.0 Labrador ocean Till Clast supported till. Small cobbles of composition: 80% volcanics & Sediments; 20% Granitoids Below 33.0 composition of locale increases & # of sheared clasts with sulphides. Matrix is good mounted silt to fine grained sand (grey beige)
32		02		
33		03		
34		04		
35		05		
36		06		
37				39.0 - 40.0 Bedrock - pale grey green - fine grained - foliated; sheared - FeO stain in places - siliceous; 2-3% qtz veinlets - 0.2 to 0.3 finely disseminated pyrite
38		07		
39				
40		08		40.0 E.O.H. Felsic Volcanic.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 10 1994

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RL-94-13 LOCATION L10+00N 4+50S ELEVATION _____
GEOLOGIST P.Gillis DRILLER R.Legault BIT NO. K000172 BIT FOOTAGE 0.0 -
MOVE TO HOLE 12:45 - 1:00
DRILL 1:00 - 4:30
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1–20				0.0 - 1.0 Organics - Peat 1.0 - 6.4 Sediments oxidized beige-olive to grey (below 3.0m) soft, non-gritty clay and silt ± varves 6.4 - 21.8 Layered Keewatin Till and glaciolacustrine Sediments grey, very slightly gritty clay matrix. Sparse small pebble clasts predominantly limestone & sandstone. non gritty clay layers appear as shown in graphic log. + hard to distinguish between clay and clay till in places.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 10 19 94

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RR-94-13 LOCATION _____ ELEVATION _____
GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE _____
MOVE TO HOLE _____
DRILL _____
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
21				21.8 – 30.8 Lake Agassiz Sediments grey, rusty gritty clay and silt varves. Clay is fairly compact resulting in slow drilling.
24				30.8 – 31.2 g Sand : grey, poorly sorted fine grained sand.
25				31.2 – 40.8 Labradorean Till
26				grey beige silt to fine sand matrix Pebble and small cobble sized clasts of composition: 80% Volcanics & sediments, 20% granitoids
29				(32.2 – 32.5) boulder – granite
30				(32.5 – 39.9) There is an increase in local sheared volcanics & intrusive to about 90% many of which have sulphides. Till is more cobbly clast supported below 34.0 m.
33			02	– below 39.0 m ~1 to 2% mafic granodiorite clasts
35			03	(39.7 – 40.0) boulder – gabbro
36			04	(40.0 – 40.8) Till similar to 32.5-39.7
37			05	
38			06	
40				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 10 19 94

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RR-94-13 LOCATION 10w 4+50s ELEVATION _____
GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE _____
MOVE TO HOLE _____
DRILL _____
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
41			07	40.8 - 42.5 Bedrock
42			08	- pale gray - fine grained - siliceous - sheared (weakly) 0.1-2% strong disseminated sulphides Felsic Volcanic 42.5 E.O.H.
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 10/1994
SHIFT HOURS
_____ TO _____
TOTAL HOURS
_____
CONTRACT HOURS
_____

HOLE NO RR-94-14 LOCATION L8700W 5760S ELEVATION ____
GEOLOGIST P Collins DRILLER R. Legault BIT NO. K000977 BIT FOOTAGE 425
MOVE TO HOLE 4:45 - 5:00 (10M)
DRILL 5:00 - 6:00 (10M) 8:00 - (11M)
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1–20				0.0 - 0.5 Organics - Peat 0.5 - 5.8 Sediments beige-ochre (oxidized) to gray (below ~3.0m) non-gritty clay with thin very fine grained sand/silt interbeds 5.8 - Layered Keewatin Till and glaciofluvial sediments (5.8 - 10.0) gray, clay rich matrix very slightly gritty. Sparse small pebble clasts predominantly sandstone & limestone. - non gritty clay layers as shown on graphic log. (10.0 - 16.5) clay, clay till: mainly non gritty fairly compact clay with occasional thin clay till horizon. (Slow drilling) (16.5 - 18.2) Similar to 5.8 - 10.0 (18.2 - 20.0) clay/silt: gray non gritty clay/silt var. vcs.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 10, 11 19 94
SHIFT HOURS
_____ TO _____
TOTAL HOURS
_____
CONTRACT HOURS
_____

HOLE NO RR-94-14 LOCATION _____ ELEVATION _____
GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE _____
MOVE TO HOLE _____
DRILL _____
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG.
21				below 26.0m there is the occasional thin silt to fine sand interbed
22				· at 28.0 m appears to be thin clay till seam.
23				
24				28.7 - 29.5 Labradorean Till
25				grey beige fine sand and silt matrix. Cobble clast supported. 85% local volcanics & intrusives; 15% exotics
26				
27				29.5 - 31.0 Bedrock
28				- med in grey
29			01	- foliated · sheared (weak to moderate)
30			02	- siliceous (hard to drill
31				- up to 0.5% finely disseminated pyrite also some stringer pyrite 0.5% along slip planes and with chalky clay - minor gyp in places.
32				- 2% disseminated carbonate in places
33				
34				
35				Altered Felsic Volcanic.
36				31.0 E.O.H.
37				
38				
39				
40				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 11 19 94

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RR-94-15 LOCATION 8+00W 2+50S ELEVATION _____
GEOLOGIST P. Collins DRILLER R. Legault BIT NO. K000884 BIT FOOTAGE 0.0 -
MOVE TO HOLE 11:00 - 11:30
DRILL 11:30 - 2:15
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

Pg 1 of 2 New Bit

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1				0.0 - 0.2 Peat - organics 0.2 - 3.3 Sediments beige ochre to grey (below 2.5m) non gritty clay.
2				
3				3.3 - 24.7 Layered Keewatin Till & Lake Agassiz Sediments
4				(3.3 - 7.0) clay till : grey clay rich matrix (slightly gritty). Very few small pebble clasts : mainly limestone & sandstone
5				
6				
7				(7.0 - 16.0) mainly non gritty clay (fairly compact) with rare thin clay till horizons. - difficult to tell whether these horizons are till or not - few exotic small pebbles in more silty non gritty clay (possibly dropstones?)
8				
9				
10				
11				
12				(16.0 - 24.7) varved non gritty clay and silt
13				
14				
15				
16				
17				
18				
19				
20				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 11 19 94

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RR-94-15 LOCATION L8+00W 2+50S ELEVATION _____

GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE _____

MOVE TO HOLE _____

DRILL _____

MECHANICAL DOWN TIME _____

DRILLING PROBLEMS _____

OTHER _____

MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
21				24.7 - 26.2 Labradorean Till grey being silt to fine sand Pebble and small cobble clasts of approximate composition 85% Volcanics & Sediments; 15% Granitoids
22				
23				
24				
25			01	26.2 - 28.0 Bedrock - pale gray to white - strongly sheared - 3 to 5% stringer and disseminated sulphides - carbonatized (3+4?) - Fe O stained in places Sheared Felsic Volc.
26				
27			02	
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 11 19 94
SHIFT HOURS
_____ TO _____
TOTAL HOURS
_____
CONTRACT HOURS
_____

HOLE NO RR-94-16 LOCATION L14+00W 1+50S ELEVATION _____
GEOLOGIST P. Collins DRILLER R. Lagault BIT NO. K00884 BIT FOOTAGE 280-
MOVE TO HOLE 2:15 - 3:00
DRILL 3:00 - 4:15
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1				0.0 - 0.5 Soil. peat
2				0.5 - ~~0.5~~ 1.5 Sediments
3				(0.5 - 0.7) clay: ochre, gritty
4				(0.7 - 1.0) gravel: granules of sandstone & limestone
5				(1.0 - 1.5) clay: beige, ochre oxidized.
6				1.5 - 10.3 Layered Keewatin Till and lake deposited Sediments: clay till (1.5-3.0) beige (oxidized) grit & clay matrix. Sandstone & limestone pebbles. Below 3.0 mainly clay with thin clay till seams.
7				10.3 - 10.8 Labrador ocean Till
8				Thin horizon of till. Grey beige silt to fine sand matrix. Pebble and small cobbles up to 90% local volcanics
9				* sample 01 undersized.
10			01	10.8 - 12.0 Bedrock
11			02	- pale grey to white
12				- sheared. (Foliated) weak to mod.
13				- 0.5 to 1% disseminated sulphides
14				- siliceous (hard to drill)
15				- 1% disseminated carbonate
16				Felsic Volcanic.
17				
18				
19				
20				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

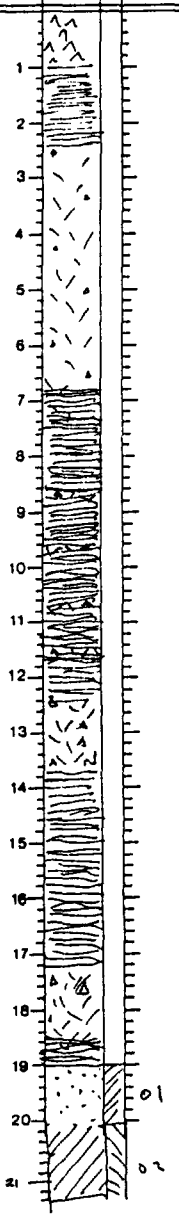
DATE March 11 1994

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RR-94-17 LOCATION L 18+00 W 2+00 N ELEVATION _____
GEOLOGIST P. Collins DRILLER R. Legault BIT NO. Kor 384 BIT FOOTAGE 440.0
MOVE TO HOLE 4:15 - 4:45
DRILL 4:45 - 6:00
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				0.0 - 1.0 Organics / soil 1.0 - 2.7 Sediments beige-ochre (oxidized) slightly gritty to non gritty clay. 2.7 - 20.0 Layered Keewatin Till and Lake Agassiz Sed's. beige to grey (below 3.0m) clay rich matrix (very slightly gritty) Sparse small pebbles mainly sandstone / limestone. (6.8 - 12.5) predominantly grey, non gritty clay with rare thin clay till seams. (12.5 - 13.8) clay till up to 30% sandy matrix. greater number of clasts than in 2.7 to 6.8 though same composition. (13.8 - 17.2) clay : grey, non gritty, fairly compact. (17.2 - 18.6) Clay till: similar to 2.7 to 6.8 (18.6 - 19.0) clay similar to 13.8 - 17.2 (19.0 - 20.0) Sand grey, poorly sorted - silty fine grained. 20.0 - 21.5 Bedrock - med. green - fine grained - foliated ; weakly sheared - schistose in places - mainmatic mineral chlorite - 5% carbonate (fizzing) - no visible sulphides int. to matic Volc.
19		01		
20		02		
21				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 12 19 94
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____

HOLE NO RR-94-18 LOCATION L20+00W 3+50N ELEVATION ____
GEOLOGIST P.Collins DRILLER R.Legault BIT NO. K080844 BIT FOOTAGE 61.5-
MOVE TO HOLE 8:00 - 8:20
DRILL 8:20 - 9:45
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER ____
MOVE TO NEXT HOLE ____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1				1.0 - 0.4 Sandy / clay till ? open field, some granitic fieldstones on surface
2				0.4 - 15.5 Layered Kaservatin Till and Lake Agassiz glacio lacustrine - Fluvial Sediments
3				(0.4 - 2.0) clay till beige ochre, oxidized gritty clay ; mainly granitoid clasts. (very few)
4				(2.0 - 6.0) sand: poorly sorted beige to light ochre fine grained sand (silty) : Below 4m sand is grey beige with occasional thin clay seam.
5				(6.0 - 7.3) clay till : clay rich matrix get up to 30% sandy : More abundant clasts : 70% sandstone / limestone ; 30% granitoids
6				(7.3 - 7.7) clay : grey, non gritty
7				(7.7 - 12.5) clay till : very clay rich matrix (slightly gritty) sparse small pebble clasts mainly sandstone / limestone
8				(12.5 - 13.6) clay as in 7.3 - 7.7
9				(13.6 - 15.5) Sand : fairly well sorted fine to medium grained sand (unoxidized) appears glacio fluvial
10				15.5 - 16.1 Labrador cream Till matrix is grey beige silt to fine sand. Near clast supported up to 50% granitoids (mainly granodiorite) ; 50% local rock. Rede
11				16.1 - 17.5 Bedrock Intermediate to Felsic Volc.
12				- pale greyish green (epsedited)
13				- fine grained
14				- silicified ; foliated (locally sheared)
15				- main matrix ; chlorite, epidote
16			D1	- non calcareous ; no visible sulphides
17			D2	
18				
19				
20				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 12 19 94
SHIFT HOURS
_____ TO _____
TOTAL HOURS
_____
CONTRACT HOURS
_____

HOLE NO RR-94-19 LOCATION L2240ow 5+50N ELEVATION ____
GEOLOGIST P. Collins DRILLER R. Leggett BIT NO. Reed 34L BIT FOOTAGE 0.0-
MOVE TO HOLE 9:45 - 10:00
DRILL 10:00 -
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

Pg 1 of 2

New bit, New subs, Broken rod last hole

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1				0.0 – 1.2 Peat moss
2				1.2 – 6.0 Sediments
3				- Mainly non gritty clay with thin silty fine sand interbeds
4				6.0 – 33.5 Layered Keewatin Till and Lake Agassiz Sediments
5				(6.0 – 9.3) clay till : grey, slightly gritty clay rich matrix Sparse small pebble clasts (decr down interval) mainly mudstone ; limestone.
6				
7				
8				
9				(9.3 – 33.5) clay , clay till predominantly non gritty or very slightly gritty clay v. rare small granule/pebble clasts as above in places.
10				
11				
12				- clay fairly compact down interval - slow drilling
13				
14				
15				
16				
17				
18				
19				
20				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 12 19 94
SHIFT HOURS
_____ TO _____
TOTAL HOURS
_____
CONTRACT HOURS
_____

HOLE NO RR-94-19 LOCATION _____ ELEVATION ____
GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE ____
MOVE TO HOLE _____
DRILL _____
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
21				(23.5 – 29.0) clay: compact mon grit by clay (clow diff)
22				
23				
24				
25				(29.0 – 33.5) Sand: poorly sorted, grey very fine to fine grained sand. Occasional thin clay beds.
26				
27				(33.5 – 34.8 Labrador ean Till
28				grey beige, silt to fine sand matrix. Cobble clast supported; 85% local volcanics mainly sheared with sulphides 15% exotics.
29				* hole very tight.
30				
31				34.8 – 36.5 Bedrock
32				- dark green; locally fractured oxidized sulphides bleached felsic bands in places - close to contact?
33				- very strongly sheared up to 7% sulphides: in places up to 20% mainly chalcopyrite.
34		01		- main matrix chlorite / pyrox.
35		02		- appears med to coarse grained in places
36		03		- 1-2% pink veinlets
37				matrix intrusive - gabbro;
38				
39				36.5 E.O.H.
40				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 12 19 94
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____

HOLE NO RR-94-20 LOCATION L24+00W 7+00N ELEVATION ____
GEOLOGIST P. Collins DRILLER R Legault BIT NO. K000341 BIT FOOTAGE 36.6
MOVE TO HOLE 12:30 - 12:45
DRILL 12:45 - 3:45
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER 4:30-6:00 put down tower; clean tanks; repair grease bars for flow from
MOVE TO NEXT HOLE move drill to gravel road for flow 3:45 - 4:30

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1–20				0.0 - 0.3 soil / organics 0.3 - 1.3 Sediments clay grey/beige, slightly silty to non gritty (soft) 1.3 - 23.0 Layered Keewatin Till and Lake Agassiz Sediments (1.3-5.0) gritty clay rich matrix. Very few small pebble clasts mainly sandstone & limestone (5.0-7.2) sand poorly sorted (silty) very fine grained sand (beige) occasional clay partings (7.2-11.0) clay, clay till : grey non gritty clay with what appears to be thin clay till horizons. (11.0-12.7) sand : grey beige, poorly sorted (silty) very fine to fine grained sand with occasional thin clay bed. (12.7-14.4) Similar to 7.2-11.0 (14.4-15.5) sand : as in 11.0-12.7 (15.5-20.0) clay : grey, non gritty, quite compact.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 12 19 94
SHIFT HOURS
_____ TO _____
TOTAL HOURS
_____
CONTRACT HOURS
_____

HOLE NO RR-94-20 LOCATION _____ ELEVATION _____
GEOLOGIST P. Lothian DRILLER R. Legault BIT NO. Koon 341 BIT FOOTAGE 36.5-
MOVE TO HOLE _____
DRILL _____
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

Pg 2 of 2

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
21				(20.0 - 23.0) sand: similar to 11.0-12.4
22				(23.0 - 25.3) Sand: glaciofluvial well sorted medium & coarse grained sand with occasional thin granule bed.
23				
24				(25.3 - 27.6) gravel: mainly pebbles clast supported → very little matrix Clast composition: 75% granitoids 25% volcanics & sediments
25				
26				
27			01	(27.6 - 29.6) till: Labradorean till ⇒ grey beige silt to fine sand matrix. Pebble and cobble clasts: 70% local volcanics & intrusives; 30% exotics
28			02	
29			03	(27.6 - 32.0) gravel: Clast supported no matrix. Up to 80% granitoids 15% Volcanics & sed. (distal clasts)
30				
31			04	(32.0 - 33.2) gravel: no matrix clast supported (cobbles) yet up to 70% local sheared clasts. Many of which have sulphides.
32				
33			05	
34			06	33.2 - 34.5 BEDROCK - ochre & light green (fresh) - strongly sheared; fractured throughout - hematitic; especially below 34 metres - chloritic - 0.5 to 1% disseminated sulphides Sheared mafic 34.5 E.O.H.
35				
36				
37				
38				
39				
40				

Nuinsco Resources Limited
Rotasonic Drill Log

Property - **Richardson**
Hole No. - **SDH-94-1**
Date Drilled - **24/03/94**
Coordinates - **15+60E, 12+60N, Richardson Grid**
Depth - **3.36m**
Logged By - **P.L.J.**
Drilled By - **Midwest Drilling**
Claim No. - **N1/2, Lot 3, Conc II, Richardson Twp.**

From	To	Description
0	0.33	Frozen Clay and Organics/Humus.
0.33	2.63	Clay-Sand and Sandy Clay. Beige-brown, well sorted, no component greater than sand size. Unbedded. Where clay occurs in a sand matrix, the clay occurs as discontinuous grey bands or elongate nodules surrounded by light brown sand.
2.63	3.06	Sand Beige sand horizon with minor clay component (<20%). Grains upto 5mm noted, heterolithic, both metavolcanic and granitoid provenance noted.
3.06	3.26	Whitmouth Lake Till Grey clay matrix with rare carbonate clasts which attain 5mm maximum. Unbedded and unlaminated.
3.26	3.36	Bedrock - Mottled Metavolcanic. Banded at near parallel to CA (i.e. nearly vertically). Bands composed of alternating dark green chlorite rich, and grey siliceous rock. Possible dismembered quartz-carbonate veins comprise approximately 25% of rock. Little or no sulphide mineralization.
		EOH 3.36m

Nuinsco Resources Limited
Rotasonic Drill Log

Property - Richardson
Hole No. - SDH-94-2
Date Drilled - 24/03/94
Coordinates - 13+73E, 10+92N, Richardson Grid
Depth - 17.07m
Logged By - P.L.J.
Drilled By - Midwest Drilling
Claim No. - N 1/2, Lot 3, Conc. II, Richardson Twp.

From	To	Description
0	0.76	Clay and Organics Brown-grey clay with abundant dark brown organic material.
0.76	3.20	Whitemouth Lake Till Light brown and grey. Dominantly clay with subordinate sand component. Discontinuous light grey clay bands (elongate clay nodules) throughout. Carbonate grains/clasts comprise <5% and attain 5mm size.
3.20	4.57	Sand and Sand-Clay Brown and very wet. Unbedded. Predominantly fine sand, well sorted. No carbonate clasts observed.
4.57	14.93	Sand and Gravel Horizons Grey unit, poorly sorted ranging from clay-silt in the matrix to cobble sized clasts. The clasts are heterolithic and appear to be predominantly metavolcanic, although granitoid clasts are not uncommon. Note however that carbonate grains occur throughout (upto 5mm in size). Ratio approximately 70:25:5, mv:gran:carb). Does the presence of carbonate grins indicate post NE Till reworking?
	4.57-4.64	Carbonate clasts upto 7-8mm noted as subordinate component component of matrix.
	4.88-6.71	Very wet, limited recovery. Possibly a more sandy interval. Upto to cobble sized clasts recovered.
	6.71-9.46	Approximately 1.22m recovered from this interval. Grey heterolithic

From	To	Description
		horizon as described above. Abundant quartz rich, sand sized grains (or monominerallic quartz in the matrix Clasts upto 10cm in size.
	9.46-12.51	Approximately 1.22m recovered from this interval. Very sandy, grey colour, with a limited number of of larger clasts. Clasts predominantly metavolcanic.
	12.51-14.93	Coarse sand/gravel horizon. Well sorted, only the occasional clast (counted 4) larger than 2cm. Grey, heterolithic, unbedded. Sand sized grains are composed of approximately 50:50, metavolcanic:granitoid, abundant quartz grains.
14.93	16.76	Gravel-Cobble Horizon Coarse grained horizon with limited matrix material (i.e. sand-fine gravel). Probably rests on bedrock. Heterolithic cobbles, predominantly metavolcanic (70%) and predominantly blue quartz phyric rhyolite. Remainder dominantly granite (30%). Mafic metavolcanic fragments often have cored surfaces (indicates fragments of bedrock?).
16.76	17.07	Bedrock Massive basalt or fine grained gabbro. Dark green throughout. Homogenous texture, aphanitic to fine grained. Millimetre scale QCV transect the rock but are not altered at selvages. Core is broken but can be reconstructed. Note: The cobbles obtained from between 14.93-16.76 are predom. felsic/ Probably moved from proximal up-ice source. Rhyolite flows to N. of this location. Note also siliceous cobble, banded with chlorite and pyrite bearing (assay).
		EOH 17.07

Nuinsco Resources Limited
Rotasonic Drill Log

Property - **Richardson**
Hole No. - **SDH-94-03**
Date Drilled - **23/03/94**
Coordinates - **12+11E, 8+85N, Richardson Grid**
Depth - **4.88m**
Logged By - **P.L.J.**
Drilled By - **Midwest Drilling**
Claim No. - **N 1/2, Lot 3, Conc. II, Richardson Twp.**

From	To		Description
0	1.46		Clay and Organics Black-grey in colour, abundant roots and other organic matter.
1.46	4.27		Whitemouth Lake Till Grey sandy clay, neither bedded nor laminated. Discontinuous, irregular patches of sand enveloped by clay. Carbonate clasts upto 2-3cm, granitoid and metavolcanic clasts occur throughout, comprising 10-15% of interval (40% carb, 20% gran, 40% mv).
		3.36-4.27	Sandy-clay: zoned light grey clay enveloped by brown sandy clay. Carbonate clasts noted throughout with metavolcanic and granitoid also, 10% clasts in total (50% carb, 40% mv, 10% gran).
4.27	4.88		Bedrock Siliceous (rhyolite?). Grey with 3-4% blue-grey quartz phenocrysts. Chlorite throughout as small ovate areas, especially apparent on fracture/slip surfaces where fibre growth occurs. Strongly foliated, foliation dips at approximately 70°. 1% pyrite in narrow chlorite filled fractures.
			EOH 4.88m

Nuinsco Resources Limited
Rotasonic Drill Log

Property - Richardson
Hole No. - SDH-94-04
Date Drilled - 24/03/94
Coordinates - 11+34E, 6+81N, Richardson Grid
Depth - 33.23m
Logged By - P.L.J.
Drilled By - Midwest Drilling
Claim No. - N 1/2, S 1/2, Lot 3, Conc. II, Richardson Twp.

From	To	Description
0	0.61	Organics and Clay/Sand Black with abundant brown sand and clay.
0.61	0.97	Sand Well sorted, rusty brown sand. Contains upto 5-6cm metavolcanics.
0.97	1.52	Clay Grey clay, well sorted, very few grains larger than clay. Laminated on mm scale throughout. No carbonate clasts noted. Lacustrine origin?
1.52	4.57	Whitemouth Lake Till Brown clay and clay with subordinate sand. No bedding noted. Contains subround carbonate clasts upto 3-4cm which comprise 5% of the unit. Very subordinate metavolcanic clasts noted also.
	1.52-3.67	Clay rich interval with abundant carbonate clasts (10-15%).
	3.67-4.57	Sandy-clay till, fewer carbonate clasts (approximately 2-3%), attain 1-2cm.
4.57	11.39	Clay Grey clay. No beds or laminations. No carbonate clasts. Upper contact sharp over 0.1m where minor mixing with the overlying unit occurs.
	5.49-6.10	Very wet, watery clay.
	7.47-7.77	Very rare, mm scale, carbonate grains.
	7.93-8.38	Very wet, watery clay.
	10.07-11.59	Very wet, watery clay.

From	To	Description
11.39	17.22	Whitemouth Lake Till As uphole. Grey, massive, with approximately 5% carbonate clasts disseminated throughout the unit and attaining 3cm. No bedding, very massive, unctuous.
	15.24-15.55	Very wet, running clay.
17.22	20.88	Sand Grey, well sorted. Contains sand sized carbonate grains throughout although this is only a minor component. Apparently predominantly metavolcanic fragments with subordinate granitoid grains and monominerallic quartz grains (rare feldspar grains noted also). At uphole contact the unit consists of fine sand which grades downhole to a coarse sand at the downhole contact - grading is gradual. Extensively reworked.
Gradational Contact		
20.88	21.56	Gravel-Cobble Horizon Continuation of the sand horizon immediately uphole? Contains approximately 80% metavolcanic and 20% granitoid. Very little sand in matrix (dominantly occurring near the bottom of the intersection (washed there by drill water?). No carbonate clasts noted. Grades downhole from the unit above - i.e. this is a coarse grained (gravel) base to the sand unit that progressively fines uphole (note the presence of carbonate grains in the sand unit uphole).
Mixing at Contact?		
21.56	28.66	Sand-Fine Gravel Similar in appearance to the unit from 17.22-20.88 although carbonate grains appear to be absent or very rare. Apart from the apparent mixed zone at the uphole contact the unit is composed of sand increasing in grain size downhole to a coarse sand/fine gravel (from approximately 25-27.75). Grain are

From	To	Description
		composed of monominerallic quartz and feldspar grains (most abundant?) metavolcanics and granitoid. Larger clasts in the gravel interval are at least 50% granitoid (diverse provenance).
28.66	31.71	Whiteshell Till Poorly sorted interval - clay to cobble range. Heterolithic clasts. Larger clasts (i.e. >gravel) abundant comprising 70% of the volume of the interval. A high proportion of clasts appear to be of mafic metavolcanic composition (bedrock immediately up-ice) with rare felsics (bedrock of this hole), remainder are granitoid (70:30, metavolcanic:granitoid).
31.71	33.23	Confusing Interval
	31.71-32.32	Probable boulders, one a hematite bearing rhyolite (bedrock here) and the other a very hard, dark grey-green, felsic rock with 1-2mm pinkish phenocrysts.
	32.32-32.93	Pebble-cobble horizon. No fine clastics. Pebbles are washed very clean and appear to be water worn smooth and round-subround.
	32.93-33.23	Bedrock. Siliceous (rhyolite?). Pink-grey with local discontinouos green chlorite bands. Hematite bearing. Blue quartz phenocrysts in grey/pink groundmass, comprise 1-2% of modal mineralogy. <1% fine disseminated pyrite noted. Banded but not distinctly sheared. EOH 33.23m

Nuinsco Resources Limited
Rotasonic Drill Log

Property - **Richardson**
Hole No. - **SDH-94-05**
Date Drilled - **26/03/94**
Coordinates - **7+70E, 1+25N, Richardson Grid**
Depth - **10.92m**
Logged By - **P.L.J.**
Drilled By - **Midwest Drilling**
Claim No. - **S 1/2, Lot 4, Conc. II, Richardson Twp.**

From	To	Description
0	0.76	Organics and Clay
0.76	10.78	Whitemouth Lake Till Similar to other intersections of this unit. Brown and light grey clay comprises 90% of the interval as an irregularly laminated mass. Carbonate clasts comprise 5%+ of the unit and range from sand sized to pebble (4-5cm) sized grains. Rarely, over 10-15cm, the concentration of carbonate grains increases downhole, attaining 20% or more of the unit. Rare metavolcanic clasts noted, upto 3-4cm in size. At approximately 4.88 the unit becomes almost homogeneously dark grey (unoxidized) a few laminations are noted (harder to see?). At 10.37 a 10cm carbonate cobble occurs. Downhole contact is abrupt. There is no evidence of any sediment of any other provenance at the OB/BR interface.
10.78	10.92	Bedrock Very siliceous, blue quartz phyric rhyolite. Phenocrysts comprise 3% of the unit. Grey overall with irregular green zones/bands where chlorite is developed. Pyrite is disseminated throughout as fine grains comprising approximately 4% of modal mineralogy. Examination gives impression of deformation; narrow (mm scale) bands of sericite (?) transect the rock, truncating features within it (i.e. chloritic zones). Appears to be a steeply dipping penetrative fabric (80°). EOH 10.92

Nuinsco Resources Limited
Rotasonic Drill Log

Property - Richardson
Hole No. - SDH-94-06
Date Drilled - 26/03/94
Coordinates - 7+70E, 2+97N, Richardson Grid
Depth - 4.27m
Logged By - P.L.J.
Drilled By - Midwest Drilling
Claim No. - S 1/2, Lot 4, Conc. II, Richardson Twp.

From	To	Description
0	0.92	Organics and Clay Dark brown and rust-brown. Roots and other organic material decrease in abundance downhole.
0.92	3.05	Whitemouth Lake Till Gradational contact with unit uphole. Contact here defined as the first appearance of carbonate grains. Brown colour, discontinuously laminated on mm scale, alternating brown and grey laminations do not persevere through entire width of core. Carbonate clasts attain 2cm and comprise 5% of the unit.
3.05	3.66	Whiteshell Till (?) Contact marked by the apparent absence of carbonate clasts. Wetter than the till uphole. Abundant sand in matrix. Heterolithic clasts comprise 25% of the unit, 60% metavolcanic and 40% granitoid. Many of the metavolcanic clasts are felsic but not apparently from the immediate bedrock occurrence, implies some degree of transport, mafic clasts noted also. No sorting or grading observed.
3.66	4.27	Bedrock Blue quartz pyric rhyolite, 2% phenocrysts noted. Similar to previous drill hole but penetrative fabric appears to be less well developed, although a steeply dipping fabric (80°) is noted. Variable sulphide (pyrite) content as disseminated grains upto 2mm, some fragments contain 3-4% disseminated grains while others contain 8-10% pyrite aggregates and disseminated grains which parallel the developed fabric. EOH 3.27m

Nuinsco Resources Limited
Rotasonic Drill Log

Property - Richardson
Hole No. - SDH-94-07
Date Drilled - 27/03/94
Coordinates - 7+71E, 5+16N, Richardson Grid
Depth - 6.25m
Logged By - P.L.J.
Drilled By - Midwest Drilling
Claim No. - S 1/2, Lot 4, Conc. II, Richardson Twp.

From	To	Description
0	0.61	Organics and Clay
0.61	3.05	Sandy Clay Brown with a subordinate light grey clay component as wispy lamellae throughout the fine sand matrix.
3.05	4.72	Whitemouth Lake Till Brown and brown-grey clay comprises 90%+ of this unit. The remainder is composed of subround carbonate clasts upto 7cm with rare metavolcanic clasts attaining 3cm. The abundance of metavolcanic clasts appears to increase with proximity to the downhole contact. The uphole contact is marked by the first appearance of carbonate clasts.
4.72	6.10	Mixed Interval - Sand to Cobbles Poorly sorted interval ranging from clay to cobble.
	4.72-5.18	Sandy-gravel. Dry, sandy matrix comprises 70% of the interval, the remainder is composed of pebble sized heterolithic clasts.
	5.18-5.64	Cobble Horizon - gradation from the horizon above?. Matrix to the cobbles looks similar to above and comprises 40-50% of unit volume. The remainder of the unit is composed of clasts upto cobble size. Clay-sand adheres to the heterolithic clasts. Cemented aggregates of matrix clay and sand and larger clasts are common.
	5.64-5.85	Sandy-gravel horizon. Similar in grain size to interval from 4.72-5.18 but cleaner (washed - perhaps by drill?).

From	To	Description
		Granitoid and metavolcanic clasts noted. Note however that carbonate grains occur also.
	5.85-6.10	Grey clay matrix to pebbles and cobbles of same composition as bedrock (dominantly) with rare granitoid clasts (80:20, mv:gran). Cemented aggregates of matrix and clasts are common. Possibly preserved Whiteshell Till.
6.10	6.25	Bedrock Very massive, dark grey, siliceous rock. Quartz and felspar phyric in a fine grained (phaneritic) groundmass. Probably a felsic/intermediate porphyry intrusive. 1-2% fine disseminated pyrite.
		EOH 6.25m

Nuinsco Resources Limited
Rotasonic Drill Log

Property - Richardson
Hole No. - SDH-94-08
Date Drilled - 26/03/94
Coordinates - 5+54E, 2+50N, Richardson Grid
Depth - 16.16m
Logged By - P.L.J.
Drilled By - Midwest Drilling
Claim No. - S 1/2, Lot 4, Conc. II, Richardson Twp.

From	To	Description
0	0.92	Organic
0.92	4.26	Whitemouth Lake Till Brown-grey clay matrix enveloping approximately 5% carbonate clasts which attain 5cm (although they are usually coarse sand or finer). No bedding but discontinuous laminations noted and irregular mottling resulting from alternating zones of grey and brown clay.
4.26	7.62	Sandy Clay Wet, massive, sandy-clay. Much softer than the hard packed till uphole. No clasts of any kind.
7.62	12.61	Whitemouth Lake Till As described above.
12.61	14.94	Gravel-Sand Horizon Gravel horizon with 25cm boulder of local bedrock.
	12.61-14.48	Gravel horizon, 60-70% pebble and small cobble clasts, dominantly felsic metavolcanic - possibly near source. Sand and clay matrix to the clasts.
	14.48-14.64	Boulder. The same composition as bedrock, quartz porphyry rhyolite/dacite with finely disseminated pyrite (2-3%).
	14.64-14.93	Coarse sand horizon. Grades from coarser to finer sand uphole. Little or no clay in the matrix. grey in colour.
14.94	15.55	Whiteshell Till Basal till unit? High clay content in the matrix, grains range upto large pebbles. Pebbles dominantly of a single provenance

From	To	Description
		(rhyolite porphyry), implies limited transport. Near bedrock the clay content is very high, the clay is indurated with abundant grit. Overall medium to dark grey colour.
15.55	16.16	Bedrock Very siliceous, blue quartz phyric rhyolite/dacite. Mottled throughout, possibly indicating silicification. Strongly deformed - both foliated and fractured. Blue quartz phenocrysts attain 5mm and comprise 4% of the interval. Sericite occurs along fracture/foliation planes and defines a fabric which dips at 70° to 80°. Chloritic bands separate the grey siliceous deformed areas and are upto 2-3mm wide and be (are probably) related to deformation. Pyrite disseminated throughout as individual grains and small aggregates, 3-4%. EOH 16.16

Nuinsco Resources Limited
Rotasonic Drill Log

Property - Richardson
Hole No. - SDH-94-09
Date Drilled - 27/03/94
Coordinates - 3+99E, 1+51N, Richardson Grid
Depth - 9.15m
Logged By - P.L.J.
Drilled By - Midwest Drilling
Claim No. - S 1/2, Lot 4, Conc. II, Richardson Twp.

From	To	Description
0	0.92	Organics and Clay
0.92	7.93	Whitemouth Lake Till Initially light brown becoming grey over a transition interval from 3.05-3.66. Clasts are dominantly carbonate, comprising approximately 5% of the unit and ranging upto 2cm. The groundmass is very competant and ranges from massive to mottled where brown and grey clay occur together.
7.93	9.15	Bedrock Siliceous, medium to dark grey, aphanitic groundmass, very massive (flow - volcaniclastic?). Patches of chlorite rich rock occur as ovate areas and ribbons - they define a steeply dipping fabric (80°). Sulphide occurs throughout, pyrite; it is disseminated as individual grains and elongate aggregates upto 1cm, 8-10% overall, concentrated in chloritic areas (upto 20% observed in some bedrock fragments). Fine fracturing observed on a mm scale in some bedrock fragments imparting a brecciated appearance. Possible grains noted in a laminated(?) interval - may indicate volcaniclastic horizon.
		EOH 9.15

Nuinsco Resources Limited
Rotasonic Drill Log

Property - Richardson
Hole No. - SDH-94-10
Date Drilled - 27/03/94
Coordinates - 0+00, 1+50N, Richardson Grid
Depth - 8.54m
Logged By - P.L.J.
Drilled By - Midwest Drilling
Claim No. - S 1/2, Lot 4, Conc. II, Richardson Twp.

From	To	Description
0	2.13	Organics and Clay Dark brown, abundant roots and other organic material.
2.13	5.79	Whitemouth Lake Till As observed in previous holes. Entirely grey at this occurrence (no oxidized section). Compact, unctuous, contains approximately 5% carbonate clasts in a massive groundmass.
5.79	8.23	Sand-Gravel Grades from coarse base to fine uphole contact (initially little difference in appearance between overlying till and the top of this unit).
	5.79-7.93	Fine sand at uphole contact grading downhole to gravel at the downhole contact. Grey throughout. Wet clay-fine sand matrix in the coarser grained intervals. Clasts are heterolithic although larger clasts appear to be dominantly metavolcanic. Sand sized grains are metavolcanic, quartz, feldspar, and minor granitoid.
	7.93-8.23	Similar to the interval above. Fine to medium grained sand at the uphole contact grading downhole to gravel. Pebble sized clasts dominantly metavolcanic, some with high sulphide content (refer to BR of S-94-06).
8.23	8.54	Bedrock Massive, grey-green, siliceous, homogeneous texture. Steep plunging lineation noted (from elongate patches of a dark mineral - chlorite?). Possible felsic intrusion. Little sulphide noted

From	To	Description
		(1% pyrite).
		EOH 8.54

Nuinsco Resources Limited
Rotasonic Drill Log

Property - Richardson
Hole No. - SDH-94-11
Date Drilled - 28/03/94
Coordinates - 5+97E, 6+46N, Richardson Grid
Depth - 8.84m
Logged By - P.L.J.
Drilled By - Midwest Drilling
Claim No. - S 1/2, Lot 4, Conc. II, Richardson Twp.

From	To	Description
0	1.22	Organics, Sand and Clay
1.22	4.88	Whitemouth Lake Till Initially a short interval of brown till, changing to grey-brown at 1.52m. Texturally as observed in other intersections.
4.88	7.93	Whiteshell Till? Unsorted horizon, contains clay through cobbles. Clasts heterolithic in composition, metavolcanics predominate (80:20, mv:gran). Gritty clay matrix comprises approximately 30% of volume. Unit is clast supported. Poor core recovery, only 50%.
7.93	8.84	Bedrock Deformed, variably siliceous, metavolcanic (?). Chlorite bands and patches comprise approximately 20% of the rock occurring as contorted, boudinaged and folded bands. Steeply dipping, strong fabric noted - dips at 50°-70°). Pyrite comprises about 10-15% of the unit as coarse aggregates stongly concentrated in chloritic areas. Chlorite and pyrite aggregates display strong evidence of contorted folding - strongly deformed rock. Note: this may be a less deformed example of the lithology obtained from S-94-01.
		EOH 8.84

Nuinsco Resources Limited
Rotasonic Drill Log

Property - Richardson
Hole No. - SDH-94-12
Date Drilled - 28/03/94
Coordinates - 2+00E, 7+21N, Richardson Grid
Depth - 2.44m
Logged By - P.L.J.
Drilled By Midwest Drilling
Claim No. - S 1/2, Lot 4, Conc II, Richardson Twp.

From	To	Description
0	1.07	Organics, Clay and Sand Brown with abundant organic material in a clay-sand matrix.
1.07	1.83	Whitemouth Lake Till Very competant example of the west till. Medium brown-grey clay matrix with local fine laminations. Contains 5% carbonate clasts which attain 1cm. Very dry, very compact.
1.83	2.44	Bedrock Massive, homogenous, dark grey-green, siliceous rock. Fine to medium grained rock, probably a felsic intrusive. No sulphide observed. Radiating tourmaline aggregates noted.
		EOH 2.44

Nuinsco Resources Limited
Rotasonic Drill Log

Property - Richardson
Hole No. - SDH-94-13
Date Drilled - 28/03/94
Coordinates - 1+55W, 0+00N, Richardson Grid
Depth - 21.65m
Logged By - P.L.J.
Drilled By - Midwest Drilling
Claim No. - S 1/2, Lot 5, Conc. II, Richardson Twp.

From	To	Description
0	0.61	Organics and Clay
0.61	19.96	Whitemouth Lake Till Texturally as observed in other drill holes. Initially brown and oxidized becoming grey downhole from 2.13m. Carbonate grains and pebbles throughout, comprising 5%+ of the unit.
	7.02-7.32	Possible minor clay interbed. No carbonate clasts observed. Colour is slightly lighter grey than in the enveloping till.
	10.78-16.76	Approximately 50% core loss. Locally the till is very wet on core surface.
19.96	20.42	Sand-Gravel Grey, graded, sand to gravel horizon. Initially fine grained grey sand (sharp contact with overlying till) grading to coarse grained sand or fine gravel the width of the interval.
20.42	21.03	Whiteshell till Gravel to cobble sized clasts (dominantly of felsic metavolcanic composition - grey, siliceous, with diseminated pyrite, possibly near source). Matrix comprises 25% of the unit and is composed of fine grained, wet clay. Possible grading may indicate some reworking over 0.15m interval from 20.79-20.97.
21.03	21.65	Bedrock Several fragments of very siliceous, volcanic (?) rock. Contains 5% disseminated pyrite. Very similar in appearance to the bedrock sample obtained from S-93-05. Strong fabric with sericite

Nuinsco Resources Limited
Rotasonic Dril Log

Property - Richardson
Hole No. - SDH-94-14
Date Drilled - 29/03/94
Coordinates - 2+10W, 0+50N, Richardson Grid
Depth - 10.78m
Logged By - P.L.J.
Drilled By - Midwest Drilling
Claim No. - S 1/2, Lot 5, Conc. II, Richardson Twp.

From	To	Description
0	0.76	Organics and Sandy-Clay Minor gritty interval near the downhole contact. Abundant organic material in the very dark brown interval at hole collar.
0.76	10.07	Whitemouth Lake Till As described in previous holes. Initially brown and oxidized, becoming grey at approximately 5.18m. Sand to pebble sized carbonate clasts comprise 5% of the unit with rare metavolcanic clasts noted also. On cut surfaces the clay matrix has a mottled appearance where clay of different hues has mixed.
	7.93-8.54	Slightly lower clast content, colour changes to brown-grey from grey and core becomes very wet.
	9.76-10.07	Very wet, grey till, running.
10.07	10.78	Bedrock Very siliceous, light grey rock. Possibly a less deformed example of the rock obtained from S-94-13. Fine grained, homogeneous groundmass, transected by numerous narrow mica rich bands (chlorite and sericite). Fracture surfaces are often planar and have a sericitic sheen. Fine disseminated pyrite occurs throughout as very fine to medium grains, comprising 3% of the unit overall.
		EOH 10.78

Nuinsco Resources Limited
Rotasonic Drill Log

Property - Richardson
Hole No. - S-94-15
Date Drilled - 29/03/94
Coordinates - 4+47W, 0+00, Richardson Grid
Depth - 29.27m
Drilled By - Midwest Drilling
Claim No. - S 1/2, Lot 5, Conc. II, Richardson Twp.

From	To	Description
0	2.74	Organics, Clay and Sand Initially dark brown organic material, becoming medium brown, fine sand and sand-clay with organic material to 2.74m.
2.74	4.12	Clay-Sand Wet, grey, massive, fine sand and clay-sand. No coarser clastic material detected.
4.12	25.22	Whitemouth Lake Till Grey, dominantly clay with very minor carbonate clasts (less than in other occurrences), ranging upto 10cm in size (rare). Texturally similar to other occurrences.
	17.68-18.44	Very wet. Few if any carbonate clasts, possibly a clay interbed.
	20.43-21.65	Irregular, discontinuous bands of sand (light grey) throughout - comprise about 10% of the interval.
	22.26-23.18	Greater abundance of carbonate clasts - approximately 10%.
25.22	28.66	Sand-Gravel Gradational from the till unit uphole? Initially wet clay-sand. The unit becomes grittier downhole and eventually the clasts become pebble sized, however clay remains throughout. Pebbles are predominantly felsic metavolcanic (80%) with the remainder being composed of mafic metavolcanic and granitoids (10% each). Continuously graded unit from the uphole to the downhole contact. Till? or poorly sorted gravel horizon.

From	To	Description
28.66	29.27	Bedrock Quartz porphyry rhyolite/dacite. Phaneritic groundmass with upto 3mm blue quartz phenocrysts comprising 5% of the unit. 1-2% disseminated pyrite. Moderately foliated at 70°. Deformed, crosscut by numerous bifurcating narrow (mm scale) bands of white mica (sericite lamellae). Possibly an intrusive rock - very similar in appearance to the intersections from holes 3, 6, 7, 8 (more deformed?), 10, (more abundant chlorite?) 17, 18 (more deformed?), 20 (more abundant chlorite?). EOH 29.27

Nuinsco Resources Limited
Rotasonic Drill Log

Property - Richardson
Hole No. - S-94-16
Date Drilled - 30/31/03/94
Coordinates - 10+11W, 2+46N, Richardson Grid
Depth - 28.05m
Logged By - P.L.J.
Drilled By - Midwest Drilling
Claim No. - S 1/2, Lot 6, Conc. II, Richardson Twp.

From	To	Description
0	1.83	Organics, Sand and Clay
1.83	24.70	Whitemouth Lake Till Concentration of coarse sand grains at the uphole contact. Approximately 30% of volume above 0.31m appears to be these coarser grains (30:60:10, carb:mv:gran). Often appears to be slightly higher content of fine sand/silt in this till occurrence. Otherwise this occurrence is as elsewhere. Core recovery good, no appreciable core-loss. Downhole contact from 21.65-24.70 is wetter and softer than elsewhere, with fine heterolithic grit.
24.70	27.13	Whiteshell Till Gradational contact with unit uphole - i.e. fine sand at contact. Becomes gritty with abundant matrix clay and common pebbles and small cobbles. Coarser clasts are composed of metavolcanic (70%), the remainder are mafic metavolcanics, no granitoids observed.
	26.22-26.51	Abundant sulphide disseminated throughout - indicates ground bedrock?
	26.51-26.82	Cobbles-boulders. Feldspar porphyritic boulder noted.
	26.82-27.13	Possibly ground bedrock. Clay (rock flour?) matrix with angular rock fragments of a single lithology (bedrock at this site), fine disseminated throughout.
27.13	28.05	Bedrock Grey, siliceous, strongly foliated volcanic with 5% disseminated pyrite overall, but locally of greater abundance (upto 10%). Altered, deformed, rhyolite

From	To	Description
		flow.
		EOH 28.05

Nuinsco Resources Limited
Rotasonic Drill Log

Property - Richardson
Hole No. - S-94-17
Date Drilled - 31/03/94
Coordinates - 8+04W, 1+97N, Richardson Grid
Depth - 21.65m
Logged By - P.L.J.
Drilled By - Midwest Drilling
Claim NO. - S 1/2, Lot 6, Conc. II, Richardson Twp.

From	To	Description
0	1.52	Organics and Clay
1.52	3.05	Clay Grey-brown clay, dry, well compacted. Only very minor grit detected. Mottled light and dark brown on cut faces.
3.05	20.12	Whitemouth Lake Till Upper contact marked by the clear occurrence of carbonate fragments. Texturally as observed in other intersections. Initially medium brown becoming grey below 4.57. Contains very minor clast content - <5% overall.
	3.05-4.26	More abundant carbonate clasts comprising approximately 8% of the interval.
	10.78-12.20	Clay interbed, no carbonate clasts.
	14.33-14.97	Very abundant carbonate clasts, comprise 10-15% of the interval as disseminated sand to pebbles (2cm).
	18.21-20.12	Clay is wetter here than in uphole intersection.
20.12	21.65	Bedrock Uphole contact approximate because of probable ground bedrock and clay mixed. Certainly ground bedrock at 20.42 (where a clay matrix with rare carbonate clasts and angular bedrock chips occurs). Dark grey, fine grained with well developed penetrative fabric. Blue quartz phenocrysts comprise 2% of the unit. Pyrite is disseminated throughout, comprising 5% of the unit as individual

From	To	Description
		grains and small aggregates. Deformed rhyolite/dacite?
	EOH	21.65

Nuinsco Resources Limited
Rotasonic Drill Log

Property - **Richardson**
Hole No. - **S-94-18**
Date Drilled - **31/03/94**
Coordinates - **14+16W, 5+54N, Richardson Grid**
Depth - **21.95m**
Logged By - **P.L.J.**
Drilled By - **Midwest Drilling**
Claim No. - **S 1/2, Lot 5, Conc. II, Richardson Twp.**

From	To	Description
0	2.44	Organics and Clay Dark brown at collar and abundant humus. The unit changes to medium brown clay (till? - carbonate clasts present) at 0.61m.
2.44	5.64	Sand Fine brown sand, no coarser clastic grains detected. No bedding or grading. Wet at downhole contact.
5.64	7.62	Clayey Sand Abrupt change from unit uphole. Fine, grey sand with a high clay component. Initially wet. Sharp downhole contact.
7.62	8.23	Whitemouth Lake Till Carbonate clasts present (approximately 3-5%) in a grey clay matrix with abundant grey sand which occurs as coherant masses and patches enveloped by grey clay.
8.23	9.15	Clayey Sand As from 5.64-7.62.
9.15	10.16	Whitemouth Lake Till Carbonate clasts present in a grey clay matrix. Patches of fine grey sand throughout. Not apparently bedded or laminated, but irregular masses of sand enveloped by the clay matrix do occur.
10.16	15.24	Sand As from 5.64-7.62. Very wet between 10.78-12.20.
	12.81-13.12	Whitemouth Lake Till (massive grey clay with carbonate clasts). Possible redeposited mass of till?

From	To	Description
	13.12-15.24	Fine grey sand horizon which contains numerous carbonate clasts (8%+)
15.24	19.96	Whitemouth Lake Till As observed at other occurrences. Massive, competant, dry, dark grey, containing 5% carbonate clasts.
19.96	20.12	Sandy Gravel Fine grey sand comprises 60% of the volume of this interval, occurring as the matrix to pebble sized matavolcanic fragments (with rare granitoids - 90:10, mv:gran). Wet throughout.
20.12	21.03	Boulder-Cobble Bed Heterolithic assemblage of larger subround clasts with very minor fine grained sand groundmass preserved (possibly some portion of groundmass was washed away during drilling). Clasts comprised of approximately 60% metavolcanic and 40% granitoid.
21.03	21.95	Bedrock Phaneritic, massive, homogeneous, dark grey green rock with blue quartz phenocrysts. Trace sulphide. Possible intermediate intrusion.
		EOH 21.95

Nuinsco Resources Limited
Rotasonic Drill Hole

Property - **Richardson**
Hole No. - **S-94-19**
Date Drilled - **01/04/94**
Coordinates - **22+70W, 0+57N, Richardson Grid**
Depth - **21.65m**
Logged By - **P.L.J.**
Drilled BY - **Midwest Drilling**
Cliam No. - **S 1/2, Lot 7, Conc. II, Richardson Twp.**

From	To	Description
0	0.61	Organics and Clay Dark to light brown, abundant humus.
0.61	18.29	Whitemouth Lake Till As in other intersections. Initially medium brown becoming mottled brown-grey near the transition to unoxidezed grey clay, becomes dark grey at 6.71.
	7.62-7.93	Grey sand interbed
18.29	20.42	Whiteshell Till Grey clay-sand matrix. Heterolithic, dominantly pebble, clast population which comprises 30% of the volume of the interval (80% metavolcanic, dominantly felsic, 20% granitoid). Upto cobble sized clasts occur (dominantly felsic mv). Grey clay occurs at the till/bedrock interface.
20.42	21.65	Bedrock Initially intensely weathered, strongly deformed, white-grey rock with rare preserved quartz phenocrysts, it appears to grade into the strongly foliated, fine grained, homogeneous, medium green dacite (?) that occurs downhole. Foliation/ schistocity is steeply dipping at 70°+. Note a similar occurrence of white weathered rock in S-93-02.
		EOH 21.65

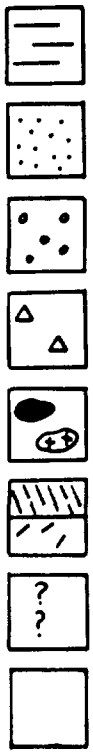
Nuinsco Resources Limited
Rotasonic Drill Log

Property - Richardson
Hole No. - S-94-20
Date Drilled - 01/04/94
Coordinates - 17+39W, 5+22N, Richardson Grid
Depth - 36.59m
Logged By - P.L.J.
Drilled By - Midwest Drilling
Claim No. - S 1/2, Lot 7, Conc. II, Richardson Twp.

From	To	Description
0	0.92	Organics and Clay Dark brown to medium brown, abundant humus.
0.92	3.05	Clay and Sand Initially brown-grey clay. Sand content increases downhole to predominate at the downhole contact.
3.05	27.44	Whitemouth Lake Till As in other intersections. Massive, grey clay matrix to minor carbonate clast component.
	9.76-10.47	Clayey-sand interbed, grey, massive unbedded. No clasts detected.
	12.20-12.81	Clayey-sand interbed, as above.
	16.16-21.03	Clayey-sand, as above but much wetter at the downhole contact.
27.44	29.27	Sand Unclear association. Assumed to be related to the Whiteshell Till because of its' stratigraphic position near bedrock, the lack of carbonate grains or clasts, the greater size range of the sand grains here (with respect to the sand interbeds in the Whiteshell Till). The interval is graded from fine to fine-medium grained sand downhole, evidence of reworking.
29.27	32.32	Cobble Horizon - Lost Core Possible running sand that was not captured by the core tube. only about 0.92m of this interval obtained. Comprised of some fine to medium grained sand which adheres to heterolithic, subround, pebble-cobble clasts (50:50, mv:gran).

From	To	Description
32.32	36.59	Bedrock Similar in apperarance to the sample from S-94-18. Fine grained, medium green, massive, homogenous. Possibly an intermediate intrusion. Fine disseminated pyrite, 1-2% overall. Weakly foliated at approximately 40°.
		EOH 36.59

SYMBOLS



Clay Silt

Sand

Pebbles

Lithic Fragments

Boulder

Bedrock

Lost Core

Organics & Clay

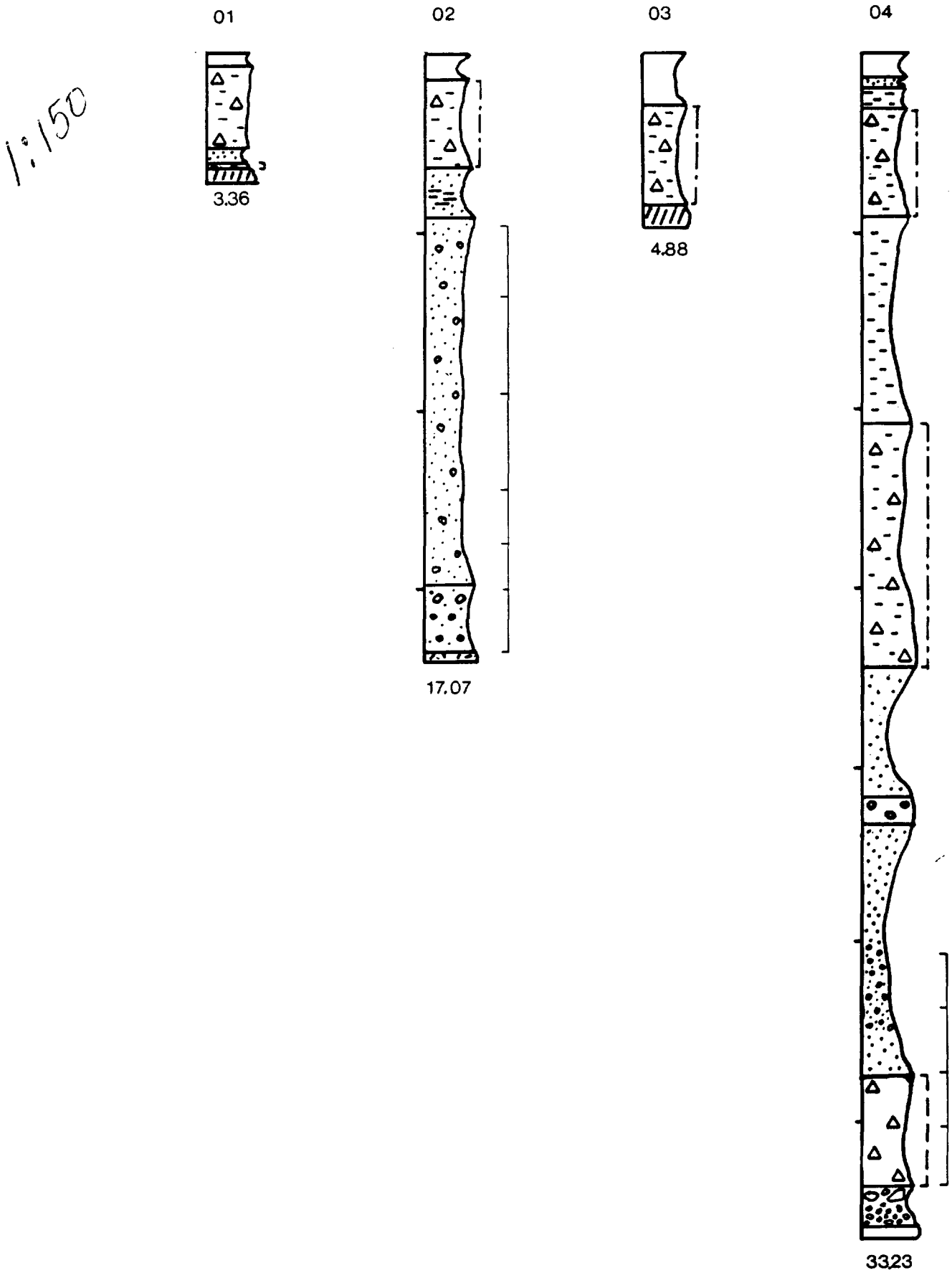
Whitemouth Lake Till Interval

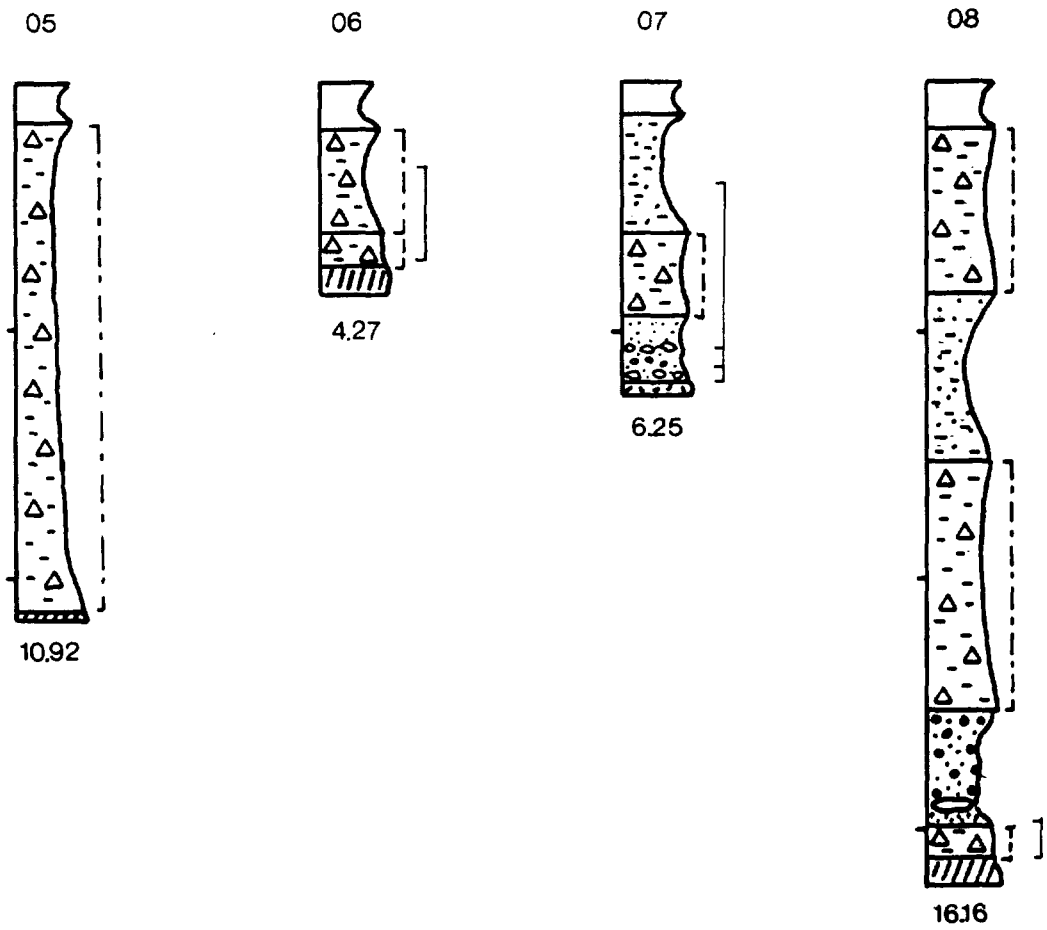
Whiteshell Till Interval

Sample Interval: Intervals are Included with Tabulated Till Analyses.

Note: Intervals not included in Whitemouth Lake Till or Whiteshell Till are either periglacial deposits or recent bog and organic deposits.

1:150

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06
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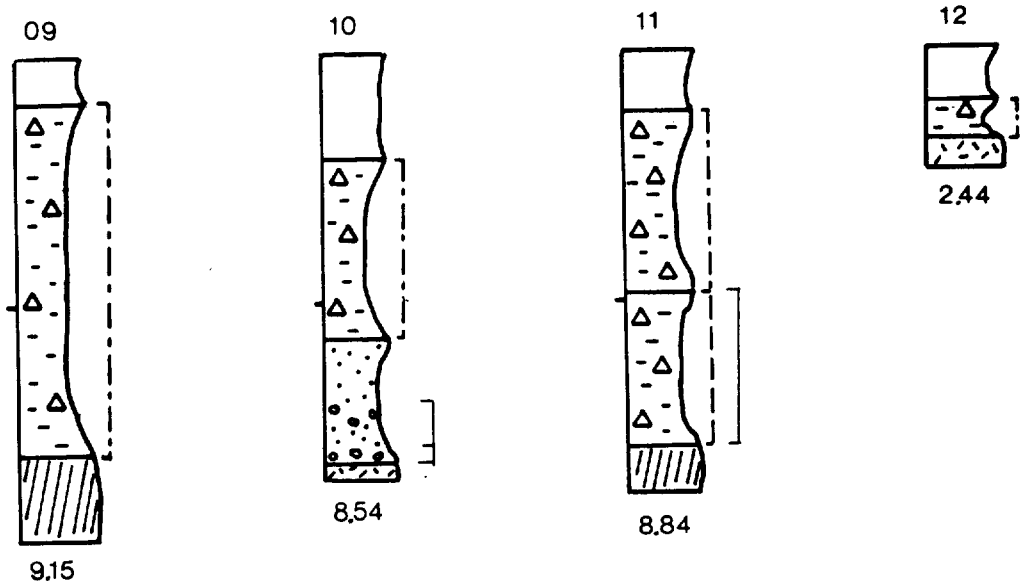
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8.84
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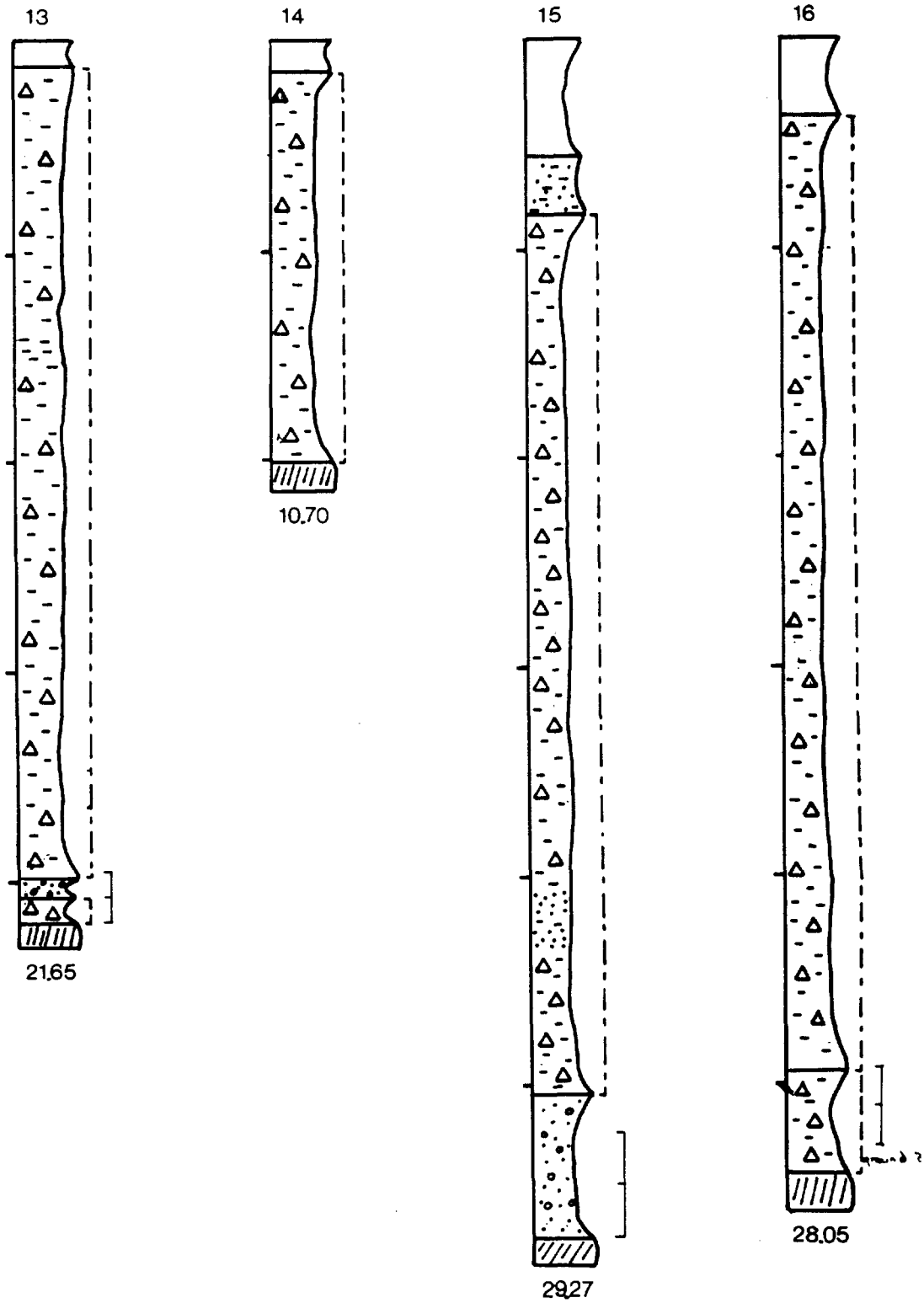
2.44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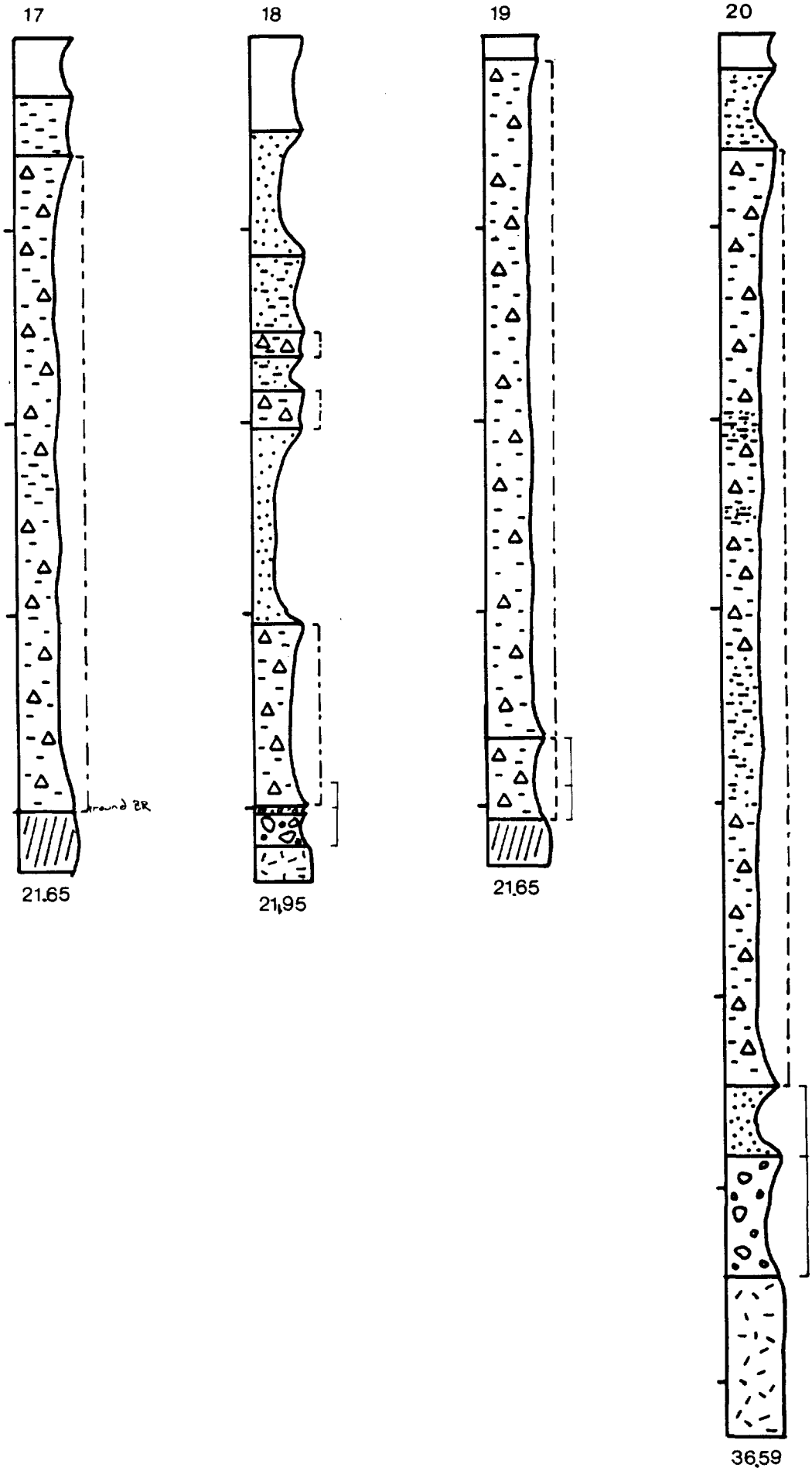
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36,59

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 13 1994

SHIFT HOURS _____ TO _____

TOTAL HOURS _____

CONTRACT HOURS _____

HOLE NO RP-94-01 LOCATION Site #1 RP-1 0+00 west ELEVATION _____

GEOLOGIST P. Collins DRILLER R. Legault BIT NO. X1003741 BIT FOOTAGE 910-

MOVE TO HOLE move drill to hole 10:15-11:00 wait for water Yehr.

DRILL 11:30 - 3:30

MECHANICAL DOWN TIME _____

DRILLING PROBLEMS _____

OTHER Flood vehicles 8:00 - 10:45

MOVE TO NEXT HOLE _____

Pg 1 of

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1			N.R.	0.0 - 6.0 organics: peat on surface Flow rate no return; very soft probably fine silt; sample washing away - no recovery.
2				
3				6.0 Layed Keewatin Till and Lake Agassiz Sediments
4				
5				(6.0 - 8.0) grey, gritty clay rich matrix with ~ 40% silt to fine sand. Small pebbles of composition 90% sandstone / limestone; 10% granite
6				
7				
8				(8.0 - 9.7) sand / clay: poorly sorted grey beige silty fine sand with rare thin clay seams.
9				
10				(9.7 - 12.8) clay: non gritty, with thin clay till horizons: alternates back / forth: clay till very slightly gritty very few pebble clasts.
11				
12				(12.8 - 15.5) varved clay / silt; soft easy drilling.
13				(15.5 - 18.8) varved clay / silt soft easy drilling
14				(18.8 - 23.5) similar to 9.7 - 12.8
15				
16				
17				
18				
19				
20				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 13 19 94

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RP-94-01 LOCATION RCP-1 ELEVATION _____
GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE _____
MOVE TO HOLE _____
DRILL _____
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
11				(23.5 – 29.5) clay: compact, grey, non gritty. (slow drilling)
12				
13				(29.5 – 35.0) Labradorean Till
14				beige to light ochre silt to fine sand matrix. Clast supported: pebbles & cobbles of composition: 80% local rock & intrusive 20% exotics.
15				* in places, especially in it ial parts of interval, clasts are extensively oxidized (possible recycling of inter glacial sediments - gravels).
16				- below 31.3 there is very little matrix (abundant -10 mesh cuttings) very clast supported (mainly angular) Drills like a clast supported till not gravel.
17				
18				
19				
20			01	
21			02	
22			03	35.0 – 36.0 Bedrock
23			04	- dark grey green
24			05	- medium / coarse grained
25				- slightly porphyritic texture
26			← Bit worn out	- up to 10% blue quartz
27				- massive to weakly foliated
28				- locally fractured
29				- no carbonate
30				- no sulphides
31				- very hard to drill
32				Mafic intrusive - gabbro.
33				36.0 E.O.H.
34				
35				
36				
37				
38				
39				
40				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 13/14/19 94

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RP-94-02 RCA2 LOCATION Site 2 400W ELEVATION ____

GEOLOGIST P Collins DRILLER L Leggett BIT NO. K22883 BIT FOOTAGE 0.2 -

MOVE TO HOLE 3:30 - 3:45

DRILL 3:45 - 6:00 (13 hr) 8:00 - 9:30 (14 hr)

MECHANICAL DOWN TIME _____

DRILLING PROBLEMS _____

OTHER _____

MOVE TO NEXT HOLE _____

New Bit. Pg 1 of 2.

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1–20			N.R.	0.0 - 6.0 organics - peat moss on surface. No return very sort organic material no recovery. 6.0 - 21.7 Layered Keewatin Till and Lake Agassiz sediments (6.0 - 14.0) grey, gritty clay rich matrix. Sparse small pebble clasts mainly sandstone & limestone. Upto 30% sand in matrix between 8.5 & 9.5m (14.0 - 17.0) clay, sand, clay till alternating beds of above sediments. sand is poorly sorted, silty. (17.0 - 21.7) clay, clay till mainly grey fairly compact non gritty clay with occasional beige silt varves. Rare clay till bearing seams (possibly ice drop stones?)

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 13 19 94
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____

HOLE NO RP-94-02 LOCATION Site 2 400w ELEVATION ____
GEOLOGIST P Collins DRILLER R Legault BIT NO. ____ BIT FOOTAGE ____
MOVE TO HOLE ____
DRILL ____
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER ____
MOVE TO NEXT HOLE ____

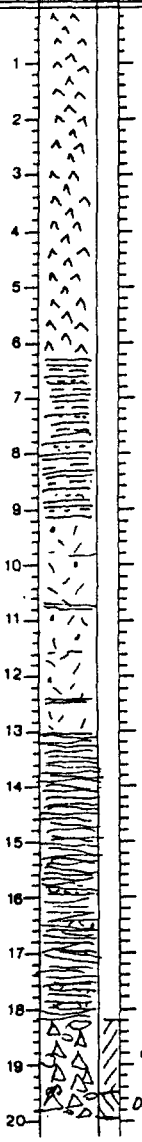
DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
21				21.7 - 23.0 Labradorean Till
22			01	rocky cobble clast supported till. Clast composition: 90% local mafic intrusives & Volcanics; 10% felsics.
23				Very little natural silt to fine sand matrix - Abundant -10mesh cuttings
24			02	
			03	(23.0 - 23.5) Boulder - gabbro
25			04	
26				23.5 - 24.8 Fractured Bedrock
27				Near 100% of clasts are gabbro. Appears to be bedrock rubble; very slow drilling.
28				
29				
30				24.8 - 25.5 Bedrock
31				- dark grey green
32				- coarse grained
33				- 10-15% blue quartz
34				- massive
35				- minor slip planes (chlorite)
36				- minor epidote in places
37				- no sulphides or carbonate
38				- very hard
39				
40				mafic intrusive - gabbro.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 14 1994
SHIFT HOURS _____ TO _____
TOTAL HOURS _____
CONTRACT HOURS _____

HOLE NO RP-94-03 LOCATION 1200W Site 4 ELEVATION _____
GEOLOGIST P. Colbo DRILLER R. Legault BIT NO. Kodiak 882 BIT FOOTAGE 25.5
MOVE TO HOLE 9:30-10:15
DRILL 10:15 - 11:20
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

* note During move ~ 200 m from site #3 drill began to break through ice & mud (area where swamp thins out very little) Thus we moved to site #4 around perimeter of swamp.

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1–20		01 02		0.0 – 6.2 Peat organics very soft organic swampy peat silty in places. 6.2 – 9.0 Sediments varved clay & silt with thin interbeds of gray very fine grained sand 9.0 – 18.2 Layered Keewatin Till and Late Agassiz Sediments (9.0 – 13.0) clay till v. clayrich matrix – slightly gritty. Rare small pebbles mainly sandstone & limestone. (13.0 – 15.4) clay: gray, non gritty, moderately soft. (15.4 – 16.0) clay till: similar to 9.0 – 13.0 (16.0 – 18.2) clay, clay till: mainly non gritty gray clay with occasional thin clay till seam. 18.2 – 20.0 Labradorean Till Stony clast supported. Very little natural matrix abundant ~10 mesh cuttings (dark) 95% of clasts are local mafic intrusives & volcanics ≤5% exotics.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 14 1994 HOLE NO RP-94-03 LOCATION RCP-3 ELEVATION

GEOLOGIST DRILLER BIT NO. BIT FOOTAGE

SHIFT HOURS TO

TOTAL HOURS

CONTRACT HOURS

MOVE TO HOLE

DRILL

MECHANICAL DOWN TIME

DRILLING PROBLEMS

OTHER

MOVE TO NEXT HOLE

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
21			03	20.0 - 21.7 Bedrock
22				- dark grey green & pink white
23				- coarse grained
24				- massive
25				- main mafic mineral pyroxene / chlorite minor epidote
26				- pink feldspar / blue quartz
27				trace hematite stain in places
28				- appears to be very finely disseminated copper ≤ 0.3%
29				
30				granitoid - granodiorite?
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 14 19 94

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

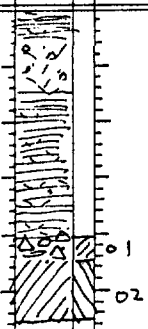
HOLE NO RP-94-04 LOCATION Site 5 RCP-5 ELEVATION _____
GEOLOGIST P.Collins DRILLER R.Legault BIT NO. K000883 BIT FOOTAGE 47.2
MOVE TO HOLE 11:20 - 11:45
DRILL 11:45 - 1:30
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1–20				0.0 - 6.4 Peat-organics no return below 1.5 m - extremely soft boggy material 6.4 - Layered Kenoratin Till and lake agassiz Sediments. (6.4 - 18.6) clay till : clay rich matrix (v. slightly gritty) sparse small pebble clasts mainly sandstone & limestone occasional v. gritty clay layers (18.6 - 20.7) mainly clay with occasional thin clay till layer

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 14 19 94
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____

HOLE NO RP-94-04 LOCATION Site #5 100W 325N ELEVATION ____
GEOLOGIST ____ DRILLER ____ BIT NO. ____ BIT FOOTAGE ____
MOVE TO HOLE ____
DRILL ____
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER ____
MOVE TO NEXT HOLE ____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
21				(20.7 - 21.5) Till : clay matrix yet up to 40% silt to fine sand. more abundant clasts ; 85% sandstone & limestone ; 15% granitoids
22				
23				(21.5 - 24.0) Similar to 18.6 - 20.7
24			01	24.0 - 24.5 Labradorean Till
25			02	Thin till & horizon (sample #01 is undersized). Very stony cobble clast supported. again little natural matrix (silt to fine sand) abundant rock cuttings. Clast comp: is approx: 90% local volc & intrusives ; 10% exotics
26				* note some fine grained felsic? volcanic have massive sulphides
27				
28				
29				
30				
31				
32				
33				24.5 - 25.5 Bedrock
34				- dark green pink inplaces
35				- coarse grained
36				- massive
37				- main mafic pyroxfelsite
38				- quartz / feldspathic inplaces
39				- no carbonate
40				- no visible sulphides
				Mafic Intrusion - Gabbro.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 14 1994

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RP-94-05 LOCATION Site #6 Cedar swamp ELEVATION _____
GEOLOGIST P. Collins DRILLER R. Legault BIT NO. K000983 BIT FOOTAGE 22.2-
MOVE TO HOLE 1:30-1:50
DRILL 1:50-3:00
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1–20		NR		0.0 – 4.0 Peat · organic 4.0 – 15.4 Sediments (4.0 – 10.4) grey, soft, nongritty clay & silt with very fine grained sand interbeds (10.4 – 12.2) clay ; grey, fairly soft, non gritty. (12.2) – interbeds – mainly sandy : poorly sorted grey beige fine sand (12.2 – 15.4) Clay : gray, non gritty. 15.4 – 17.8 Keewatin Till very clay rich matrix (slightly gritty. Sparse small pebble clasts : 75% sandstone / limestone 25% granitoids (17.0 – 17.8) clay till as before only more abundant local clasts. 17.8 – 19.0 Labradorean Till Very cobbly clast supported. very little natural matrix (silt to fine sand) Clast composition : 90% local granitoids & mafic volcanics ; 10% distal clasts.
17			01	
18			02	
19				19.0 – 20.2 Bedrock - dark grey green & pink white - coarse grained - massive - no carbonate, no sulphides granodiorite
20			03	

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

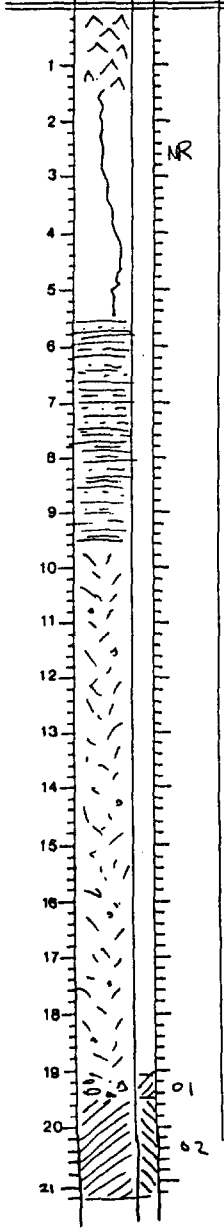
DATE March 14 19 94

SHIFT HOURS
____ TO ____

TOTAL HOURS
____

CONTRACT HOURS
____

HOLE NO RP-94-06 LOCATION Site #7 RC9-7 ELEVATION ____
GEOLOGIST P Collins DRILLER R. Legault BIT NO. Reed 883 BIT FOOTAGE 92.5
MOVE TO HOLE 3:00 - 3:45
DRILL 3:45 - 4:45
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER travel to trucks 5:30 - 6:10
MOVE TO NEXT HOLE 4:45 - 5:30 & setup



0.0 - 5.5 organics - Peat. no return 1.5 to 5.5' probably boggy peat.

5.5 - 9.8 Sediments

grey soft non gritty clay with silty very fine sand inter beds.

9.8 - 19.3 Keewatin Till

slightly gritty clay rich matrix. Sparse small pebble clasts mainly sandstone & limestone. Increasingly clay rich - less clasts down interval.

19.3 - 19.8 Labradorean Till

Thin till horizon few pebbles & small cobbles mainly local granitoids.

19.6 - 21.2 Bedrock

- dark grey green & pinkish.
- coarse grained
- massive
- porphyritic
- no sulphides
- no carbonate

Intermediate to mafic intrusive.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 15 1994
SHIFT HOURS ____ TO ____
TOTAL HOURS ____
CONTRACT HOURS ____

HOLE NO RP-94-07 LOCATION Site RCP-8 ELEVATION ____
GEOLOGIST P. Collins DRILLER R. Loganath BIT NO. D000335 BIT FOOTAGE 0.0 -
MOVE TO HOLE March 14.
DRILL 8:45 - 10:00
MECHANICAL DOWN TIME ____
DRILLING PROBLEMS ____
OTHER Trained to drill 9:00-8:45
MOVE TO NEXT HOLE ____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0.0 - 0.5 Peat - organics
1				0.5 - 5.4 mixed brown, very soft assume boggy material (organic)
2				
3			N.R	5.4 - 15.8 Layered Kematon Till and Lake aqueous Sediments.
4				(5.4 - 8.5) clay till: gray, very clay rich (slightly gritty) matrix. Sparse small pebble clasts mainly sandstone / limestone.
5				
6				
7				(8.5 - 12.5) clay silt varves soft, non gritty clay
8				
9				(12.5 - 15.8) clay till / clay appears to be till slightly gritty clay very rare granule sized clasts noted. Non gritty clay layers are present.
10				
11				
12				15.8 - 17.3 Labradorean Till
13				Cobbly clast supported about 95% granodiorite - granitoid clasts. Very little natural matrix (silt to fine sand) abundant cuttings.
14				
15				
16			01	17.3 - 18.5 Bedrock
17			02	- pink & dark grey green
18			03	- coarse grained phenos of feldspar, ??
19				- massive
20				- no carbonate or sulphides granitoid granodiorite.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 15 19 94

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RP-94-08 LOCATION RCP-09 ELEVATION ____

GEOLOGIST P. Gallin DRILLER R. Legault BIT NO. D000335 BIT FOOTAGE 19.5

MOVE TO HOLE 10:00 - 10:30

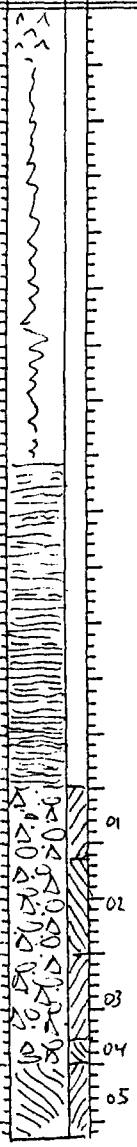
DRILL 10:30 - 12:00

MECHANICAL DOWN TIME _____

DRILLING PROBLEMS _____

OTHER _____

MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
1–20			01 02 03 04 05	0.0 - 1.0 peat - organic 1.0 - 8.0 no return on sample very soft material - washing away - no recovery : may be very soft clay/silt 8.0 - 14.0 Lake Agassiz Sediments clay/silt varves. Very soft marginally clay (compact) 14.0 - 19.0 Labradorian TILL Cobbly near clast supported till. More abundant matrix than in previous holes; less rocky. Matrix slightly sorted fine, medium sand (silt deficient) coarse poised Clast ≥ 95% local granitoids 19.0 - 20.5 Bedrock - mottled white pink & dark green - coarse grained - massive - phenos qtz feld. main matrix biotite hbl. minor epidote - v. sulphide Granitoid. 20.5 E.O.H.

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 15 1994

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RP-94-09 LOCATION Site #10 ELEVATION _____
GEOLOGIST P. Collins DRILLER R. Legault BIT NO. 2220235 BIT FOOTAGE 39.0
MOVE TO HOLE 11:30 - 12:00
DRILL 12:00 - 1:30
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0				0.0 - 3.0 Peat - organics
1				3.0 - 6.5 no recovery yet probably boggy organic material
2				
3				6.5 - 20.5 Kaowatin Till + Lake agassiz Sediments
4				
5				(6.5 - 11.0) gray slightly gritty clay rich matrix. Sparse small pebble clasts; mainly sandstone / siltstone
6				
7				
8				(11.0 - 20.5) clay till? just soft gritty (slightly) clay no visible clasts
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

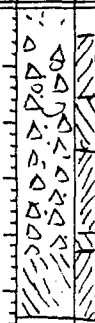
DATE March 15 19 94

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RP-94-09 LOCATION Site # 10 ELEVATION ____
GEOLOGIST _____ DRILLER _____ BIT NO. _____ BIT FOOTAGE ____
MOVE TO HOLE _____
DRILL _____
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
21			01	20.5 – 24.3 Labradorean Till Clast supported till mainly cobbles of anorthosite 95% local lithology. Matrix is slightly sorted & coarse biased abundant -10 mesh cuttings
22			02	
23			03	
24			04	
25			05	24.3 – 25.5 Bedrock massive granitic similar to previous hole 25.5 E.O.H.
26				
27				
28				
29				
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37				
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39				
40				

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 15 19 94

HOLE NO RP-94-10 LOCATION Site RCP-11 ELEVATION

GEOLOGIST P. Collins DRILLER L. Legault BIT NO. 0000535 BIT FOOTAGE 64.5

SHIFT HOURS ___ TO ___

MOVE TO HOLE 1:30-2:00

DRILL 2:00 - 2:45

TOTAL HOURS ___

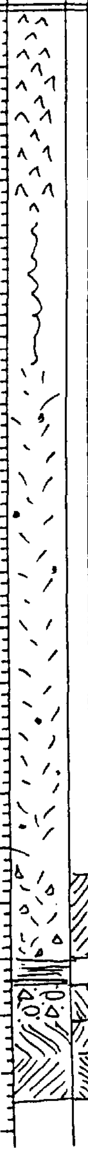
MECHANICAL DOWN TIME

DRILLING PROBLEMS

CONTRACT HOURS ___

OTHER

MOVE TO NEXT HOLE

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
0–20			01, 02, 03A, 03B	0.0 - 3.5 Peat moss, organic 3.5 - 6.0 no return, very soft, assume boggy material 6.0 - 17.0 Keewatin Till (6.0 - 15.5) grey, soft, slightly gritty clay matrix few small pebble clasts mainly sandstone & limestone (15.5 - 17.0) Clay till with up to 40% silt to fine sand and quite a few clasts. Granules & pebbles of comp.: 75% sediments (ls. & sandstone) 25% local granitoids & mafic volc. 17.0 - 17.4 Lake Agassiz Seds grey fairly compact nongritty clay 17.4 - 18.1 Labradorean Till cobble clast supported till with up to 95% local mafic & felsic intrusives Little natural matrix; abundant -10 mesh cuttings. 18.1 - 18.7 Bedrock A dark grey green pinkish white in places coarse grained massive; more mafic than previous sample - granodiorite; 18.7 - 19.5 Bedrock B changed distinctly to finer grained (may be hornfelsed) rock - weakly foliated & siliceous no sulphides visible. Below 19.0m some strips are granitic looking coarser ~~aphanitic~~ anhedral phenos of feldspar (pink) -> dikelets? or int. to mafic volc.?

OVERBURDEN DRILLING MANAGEMENT LIMITED
REVERSE CIRCULATION DRILL HOLE LOG

DATE March 15 19 94

SHIFT HOURS
_____ TO _____

TOTAL HOURS
_____

CONTRACT HOURS
_____

HOLE NO RP-94-11 LOCATION ~200N at 350' from site #3 ELEVATION ____
GEOLOGIST P. Gillis DRILLER R. Legault BIT NO. D000335 BIT FOOTAGE 85.0
MOVE TO HOLE 3:00 - 4:15
DRILL 4:15 - 5:30
MECHANICAL DOWN TIME _____
DRILLING PROBLEMS _____
OTHER _____
MOVE TO NEXT HOLE _____

DEPTH IN METRES	GRAPHIC LOG	INTERVAL	SAMPLE NO.	DESCRIPTIVE LOG
				0.0 - 1.0 Organics / peat
				1.0 - 6.0 No recovery extremely soft probably peat - bog
				6.0 - 18.3 Layered Kawatin till & Lake Agassiz Sediments.
				(6.0 - 10.0) grey, slightly gritty clay matrix. Rare small pebble clasts mainly sandstone & limestone
				(10.0 - 12.0) sand poorly sorted fine sand with thin clay interbeds
				(12.0 - 18.3) clay till as before very little clasts mostly slightly gritty clay.
				18.3 - 19.8 Labradorian Till Very stony angular clasts mostly local volcanics & seds and matic intrusives 90% very little natural matrix abundant -10 mesh cuttings.
				19.8 - 21.3 Bedrock dark grey to black inequigranular, [fine matrix = relict qtz, feldspar sand grains ?] - weakly sheared & presences of chloritic slip planes. Minor hematite stain 5% qtz veinlets - garnet/stems in places? Meta sediment. Wacke?
				21.3

Appendix III
Bedrock Geochemical Data

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: 094-41830.0 (COMPLETE)

REFERENCE:

CLIENT: NUINSCO

SUBMITTED BY: J. WILSON

PROJECT: NONE

DATE PRINTED: 18-APR-94

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au30	Gold	29	5 PPB	FIRE ASSAY	FIRE ASSAY @ 30 G
2	SiO2	Silica (SiO2)	30	0.01 PCT	BORATE FUSION	INDUC. COUP. PLASMA
3	TiO2	Titanium (TiO2)	30	0.01 PCT	BORATE FUSION	INDUC. COUP. PLASMA
4	Al2O3	Alumina (Al2O3)	30	0.01 PCT	BORATE FUSION	INDUC. COUP. PLASMA
5	Fe2O3	Total Iron (Fe2O3)	30	0.01 PCT	BORATE FUSION	INDUC. COUP. PLASMA
6	MnO	Manganese (MnO)	30	0.01 PCT	BORATE FUSION	INDUC. COUP. PLASMA
7	MgO	Magnesium (MgO)	30	0.01 PCT	BORATE FUSION	INDUC. COUP. PLASMA
8	CaO	Calcium (CaO)	30	0.01 PCT	BORATE FUSION	INDUC. COUP. PLASMA
9	Na2O	Sodium (Na2O)	30	0.01 PCT	BORATE FUSION	INDUC. COUP. PLASMA
10	K2O	Potassium (K2O)	30	0.05 PCT	BORATE FUSION	INDUC. COUP. PLASMA
11	P2O5	Phosphorous (P2O5)	30	0.03 PCT	BORATE FUSION	INDUC. COUP. PLASMA
12	LOI	Loss on Ignition	30	0.05 PCT		GRAVIMETRIC
13	Total	Whole Rock Total	30	0.01 PCT		
14	Ba	Barium	30	10 PPM	BORATE FUSION	INDUC. COUP. PLASMA
15	Cr	Chromium	30	10 PPM	BORATE FUSION	INDUC. COUP. PLASMA
16	Sr	Strontium	30	1 PPM	BORATE FUSION	INDUC. COUP. PLASMA
17	Zr	Zirconium	30	1 PPM		XRAY FLUORESCENCE

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
DRILL CORE	35	-200	35	CRUSH/SPLIT & PULV.	35

REPORT COPIES TO: MR. JIM WILSON
FAX:416-626-0890
MR. PAUL JONES

INVOICE TO: MR. JIM WILSON

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

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Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: 094-41852.0 (COMPLETE)

REFERENCE:

CLIENT: NUINSCO

SUBMITTED BY: R. HUNEAULT

PROJECT: NONE

DATE PRINTED: 22-APR-94

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	77	2 PPB		NEUTRON ACTIVATION
2	Cu	Copper	77	1 PPM	HCL:HNO3 (3:1)	ATOMIC ABSORPTION
3	Zn	Zinc	77	1 PPM	HCL:HNO3 (3:1)	ATOMIC ABSORPTION
4	Ag	Silver	77	0.1 PPM	HCL:HNO3 (3:1)	ATOMIC ABSORPTION
5	As	Arsenic	77	1 PPM		NEUTRON ACTIVATION
6	Sb	Antimony	77	0.1 PPM		NEUTRON ACTIVATION
7	W	Tungsten	77	1 PPM		NEUTRON ACTIVATION

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
HEAVY MINERAL CONC.	77	-200	77	PULVERIZATION	77

REPORT COPIES TO: MR. JIM WILSON
FAX: MR. WILSON

INVOICE TO: MR. JIM WILSON

Bondar-Clegg & Company Ltd.
5420 Canotek Road, Ottawa, Ontario, K1J 9G2, Canada
Tel: (613) 749-2220, Fax: (613) 749-7170

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

DATE PRINTED: 7-APR-94

REPORT: 094-41789.0 (COMPLETE) PROJECT: 444

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3 PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT
RR-94-01-07		161	50.17	2.00	14.39	17.17	0.12	4.85	3.59	3.28	0.34	0.11	4.43
RR-94-02-03		33	69.20	0.39	15.72	3.67	0.06	1.16	0.62	4.25	1.48	0.09	2.03
RR-94-03-02		18	65.98	0.39	15.00	3.69	0.06	1.51	2.86	4.28	1.33	0.10	3.64
RR-94-04-03		<5	68.27	0.37	14.35	3.59	0.02	1.05	2.24	3.30	1.34	0.09	3.81
RR-94-05-02		<5	71.04	0.40	14.72	3.50	0.07	0.68	1.26	1.89	1.80	0.08	2.87
RR-94-06-04		10	58.94	0.96	15.47	9.18	0.21	2.45	2.77	1.15	1.28	0.04	6.18
RR-94-07-02		17	66.56	0.49	15.48	4.90	0.06	1.96	1.69	3.10	1.61	0.13	2.79
RR-94-08-02		40	66.44	0.35	14.12	3.30	0.04	1.77	2.48	4.47	1.37	0.12	4.16
RR-94-09-06		23	54.34	2.50	16.91	16.25	0.06	2.47	0.57	0.87	1.10	<0.03	4.79
RR-94-10-03		19	65.09	0.38	14.97	3.28	0.06	1.52	3.51	3.44	1.74	0.08	4.96
RR-94-11-04		120	66.47	0.62	15.35	6.35	0.18	0.92	0.69	0.74	3.25	0.13	4.44
RR-94-12-08		147	71.21	0.41	15.08	3.14	0.05	1.41	1.23	1.01	2.78	0.10	2.75
RR-94-13-08		94	67.26	0.36	15.65	2.83	0.05	2.02	2.84	1.31	2.32	0.10	3.32
RR-94-14-02		111	66.11	0.37	15.12	4.39	0.08	1.76	4.14	2.08	1.63	0.07	3.40
RR-94-15-02		314	67.46	0.37	15.99	3.59	0.08	2.48	2.48	0.95	1.25	0.09	4.23
RR-94-16-02		31	66.40	0.32	15.11	2.38	0.12	2.15	2.97	0.78	2.66	0.09	5.61
RR-94-17-02		9	62.71	0.47	15.79	4.09	0.10	2.52	3.13	1.17	2.31	0.18	6.39
RR-94-18-02		11	59.52	0.43	14.53	3.95	0.13	2.73	5.65	0.50	2.38	0.13	9.13
RR-94-19-03		85	49.09	2.34	15.89	20.15	0.19	3.66	0.54	0.19	0.59	0.08	5.50
RR-94-20-06		37	69.02	0.50	15.85	4.73	0.01	0.44	0.49	1.10	2.95	0.08	3.41
RP-94-01-06		<5	68.95	0.33	15.02	2.91	0.03	1.67	3.20	3.64	1.51	0.05	1.49
RP-94-02-04		<5	68.67	0.32	15.14	3.05	0.03	1.08	2.86	4.73	1.73	0.05	1.58
RP-94-03-03		<5	60.11	0.59	15.03	5.59	0.09	3.56	4.54	4.47	3.41	0.48	0.71
RP-94-04-02		7	55.64	0.74	14.12	7.19	0.12	5.31	6.49	4.20	3.31	0.63	0.60
RP-94-05-03		8	58.67	0.61	15.52	5.80	0.10	3.63	4.51	4.70	3.29	0.50	0.90
RP-94-06-02		9	55.46	0.78	14.71	7.42	0.12	4.58	6.22	4.19	3.93	0.69	0.86
RP-94-07-03		6	59.50	0.47	16.55	5.18	0.09	2.93	3.94	5.30	3.77	0.42	0.67
RP-94-08-05		<5	58.99	0.54	16.74	5.30	0.09	2.75	4.03	5.12	3.71	0.44	0.80
RP-94-09-05		10	61.10	0.41	17.21	4.19	0.07	2.16	3.46	5.35	3.61	0.35	0.68
RP-94-10-03A		8	62.73	0.54	15.77	4.17	0.05	2.23	3.73	5.42	1.94	0.36	1.30
RP-94-10-03B		8	65.51	0.31	17.41	2.65	0.03	1.10	3.11	5.52	1.79	0.11	1.67
RP-94-11-02		<5	68.85	0.34	15.34	3.25	0.04	1.59	2.65	2.53	2.57	0.10	1.67

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Geochemica
Lab
Report

DATE PRINTED: 7-APR-94

REPORT: 094-41789.0 (COMPLETE) PROJECT: 444

SAMPLE NUMBER	ELEMENT UNITS	Total PCT	Ba PPM	Cr PPM	Sr PPM
RR-94-01-07		100.45	81	189	161
RR-94-02-03		98.68	402	141	383
RR-94-03-02		98.84	457	170	406
RR-94-04-03		98.43	356	152	311
RR-94-05-02		98.31	488	174	458
RR-94-06-04		98.64	253	188	211
RR-94-07-02		98.75	505	171	350
RR-94-08-02		98.62	327	186	358
RR-94-09-06		99.85	299	176	222
RR-94-10-03		99.03	455	157	257
RR-94-11-04		99.13	713	153	155
RR-94-12-08		99.18	356	123	215
RR-94-13-08		98.07	488	165	241
RR-94-14-02		99.15	457	184	475
RR-94-15-02		98.97	391	110	265
RR-94-16-02		98.59	493	102	216
RR-94-17-02		98.86	765	79	279
RR-94-18-02		99.08	756	99	279
RR-94-19-03		98.21	90	205	55
RR-94-20-06		98.59	753	61	109
RP-94-01-06		98.81	519	244	356
RP-94-02-04		99.24	430	220	281
RP-94-03-03		98.59	1512	274	1408
RP-94-04-02		98.35	1674	345	1645
RP-94-05-03		98.22	1482	241	1358
RP-94-06-02		98.96	2165	231	1949
RP-94-07-03		98.81	1927	197	1818
RP-94-08-05		98.51	2001	180	1977
RP-94-09-05		98.59	1918	153	1787
RP-94-10-03A		98.24	743	239	1039
RP-94-10-03B		99.21	1165	158	738
RP-94-11-02		98.92	354	186	138

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Geochemica
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Report

DATE PRINTED: 18-APR-94

REPORT: 094-41830.0 (COMPLETE) PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	SiO2 PCT	TiO2 PCT	Al2O3 PCT	Fe2O3 PCT	MnO PCT	MgO PCT	CaO PCT	Na2O PCT	K2O PCT	P2O5 PCT	LOI PCT
S-94-01BR	163583	7	53.29	1.89	17.63	13.08	0.24	2.13	5.99	2.79	0.98	0.13	1.12
S-94-02BR	163584	8	47.81	0.96	13.90	14.35	0.22	7.22	10.65	2.60	0.44	<0.03	1.48
S-94-02BDLR	163656	13	69.57	0.57	10.34	6.15	0.16	2.83	5.05	0.48	1.54	0.11	1.75
S-94-03BR	163585	12	66.79	0.38	15.62	3.52	0.05	2.01	3.38	4.13	0.86	0.14	1.85
S-94-04BR	163586	10	72.83	0.33	15.40	1.93	0.02	1.30	1.38	1.70	2.35	0.08	2.20
S-94-05BR	163587	67	68.00	0.33	15.38	3.07	0.08	1.35	3.78	2.72	1.52	0.08	2.92
S-94-06BR	163588	47	55.24	1.84	13.57	13.09	0.10	1.63	3.40	2.31	1.37	0.11	6.39
S-94-07BR	163589	<5	65.00	0.39	15.76	3.58	0.05	1.62	4.30	4.76	1.41	0.12	2.01
S-94-08BR	163590	24	68.14	0.32	15.40	3.46	0.05	1.88	3.16	3.27	1.24	0.09	2.49
S-94-09BR	163591	53	35.47	2.26	15.57	22.82	0.06	2.56	4.53	1.65	1.29	0.12	13.12
S-94-10BR	163592	6	71.27	0.28	16.01	2.32	0.03	1.24	3.24	2.34	1.28	0.06	1.85
S-94-11BR	163593	229	46.78	2.13	14.55	17.88	0.21	3.16	5.44	1.08	0.92	0.13	7.38
S-94-12BR	163594	9	69.16	0.28	15.95	2.64	0.03	0.92	2.50	5.36	1.24	0.06	1.48
S-94-13BR	163595	39	66.65	0.43	14.73	4.73	0.04	2.37	3.39	1.04	1.84	0.09	3.92
S-94-13BRGD	163596	27	66.11	0.46	15.98	3.22	0.06	2.68	4.14	1.42	1.72	0.13	2.97
S-94-14BR	163597	130	68.16	0.39	15.63	3.03	0.05	1.80	2.59	1.65	2.27	0.15	2.93
S-94-15BR	163598	2917	67.84	0.33	15.30	3.29	0.04	1.38	3.86	2.83	1.51	0.10	2.17
S-94-16BR	163599	52	67.89	0.34	14.74	5.25	0.04	1.25	1.82	1.53	2.69	0.09	4.03
S-94-16BRGD	163600	53	66.00	0.37	14.50	4.69	0.07	1.74	3.36	2.04	2.48	0.10	3.81
S-94-17BR	163651	21	67.02	0.36	15.13	3.56	0.07	2.19	3.14	4.37	1.23	0.08	2.34
S-94-18BR	163652	15	62.45	0.35	17.25	2.85	0.06	1.31	3.75	5.43	1.62	0.08	3.63
S-94-18QV	163653	<5	92.30	0.03	0.96	0.46	0.04	0.14	3.12	0.38	0.19	<0.03	2.24
S-94-19BR	163654	7	66.52	0.36	15.28	4.12	0.14	1.51	2.17	1.56	1.98	0.15	4.94
S-94-20BR	163655	9	65.25	0.35	14.47	3.69	0.09	1.75	4.58	3.66	1.30	0.12	3.46
163613		7											
163614		8											
163615		<5											
163616		<5											
163617		19											
NRM-1-24-27			46.58	0.89	14.89	13.58	0.23	6.84	12.39	2.24	0.42	<0.03	1.2
NRM-1-42-45			47.01	0.87	14.46	13.23	0.21	7.84	10.95	1.77	0.42	<0.03	2.5
NRM-2-23-26			47.62	0.91	14.71	13.53	0.21	6.94	11.11	2.18	0.29	<0.03	1.5
NRM-2-55-57.5			47.06	1.00	14.96	15.04	0.22	7.07	9.29	2.36	0.45	<0.03	2.0
NRM-2-68-71			47.54	0.98	14.54	14.12	0.19	6.82	10.83	1.51	0.69	<0.03	2.1
NRM-2-72-75			46.87	0.98	14.83	14.16	0.20	7.07	10.17	1.96	0.49	<0.03	1.9

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REPORT: 094-41830.0 (COMPLETE)

DATE PRINTED: 18-APR-94
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Total PCT	Ba PPM	Cr PPM	Sr PPM	Zr PPM
S-94-01BR	163583	99.27	235	142	218	99
S-94-02BR	163584	99.64	133	140	341	60
S-94-02BDLR	163656	98.55	235	54	131	208
S-94-03BR	163585	98.73	307	51	388	115
S-94-04BR	163586	99.51	489	65	269	140
S-94-05BR	163587	99.22	482	43	307	114
S-94-06BR	163588	99.05	451	124	180	131
S-94-07BR	163589	99.01	564	59	456	109
S-94-08BR	163590	99.50	299	68	258	128
S-94-09BR	163591	99.45	215	126	206	95
S-94-10BR	163592	99.91	355	33	427	134
S-94-11BR	163593	99.66	171	133	120	110
S-94-12BR	163594	99.61	419	67	454	110
S-94-13BR	163595	99.23	442	69	270	120
S-94-13BRGD	163596	98.82	394	64	342	145
S-94-14BR	163597	98.65	617	86	249	149
S-94-15BR	163598	98.66	492	67	532	107
S-94-16BR	163599	99.67	427	102	272	134
S-94-16BRGD	163600	99.15	495	77	291	129
S-94-17BR	163651	99.50	321	67	346	111
S-94-18BR	163652	98.77	406	57	348	128
S-94-18QV	163653	99.87	53	124	59	12
S-94-19BR	163654	98.73	383	112	272	118
S-94-20BR	163655	98.69	418	67	469	114
163613						
163614						
163615						
163616						
163617						
NRM-1-24-27		99.31	78	250	89	47
NRM-1-42-45		99.33	78	237	102	53
NRM-2-23-26		99.03	79	252	97	44
NRM-2-55-57.5		99.49	87	247	115	58
NRM-2-68-71		99.35	89	252	99	64
NRM-2-72-75		98.72	72	267	104	70

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Geochemical Lab Report

REPORT: 094-41830.1 (COMPLETE)

DATE PRINTED: 28-APR-94
PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Zn PPM	Cu PPM	As PPM
S-94-01BR	163583	<0.1	70	112	3.4
S-94-02BR	163584	0.2	49	164	<1.0
S-94-02BDLR	163656	0.3	285	85	2.3
S-94-03BR	163585	<0.1	49	71	2.0
S-94-04BR	163586	<0.1	36	13	3.1
S-94-05BR	163587	0.8	1467	20	38.0
S-94-06BR	163588	0.3	76	59	39.0
S-94-07BR	163589	<0.1	61	6	<1.0
S-94-08BR	163590	<0.1	59	27	2.5
S-94-09BR	163591	<0.1	42	28	34.0
S-94-10BR	163592	<0.1	36	10	1.9
S-94-11BR	163593	0.3	60	185	37.0
S-94-12BR	163594	<0.1	37	20	1.6
S-94-13BR	163595	<0.1	54	7	9.3
S-94-13BRGD	163596	<0.1	54	15	2.8
S-94-14BR	163597	0.5	41	5	8.4
S-94-15BR	163598	0.5	61	87	6.8
S-94-16BR	163599	1.1	55	46	12.0
S-94-16BRGD	163600	0.7	43	22	8.5
S-94-17BR	163651	0.2	66	25	5.7
S-94-18BR	163652	<0.1	53	2	<1.0
S-94-18QV	163653	<0.1	8	2	2.1
S-94-19BR	163654	<0.1	94	9	5.1
S-94-20BR	163655	<0.1	81	3	4.5

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Appendix IV
Overburden Geochemical Data

REPORT: 094-41852.0 (COMPLETE)

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	W PPM
RR94-01-01		706	1473	323	2.5	238	5.3	26
RR94-01-02		2310	1326	312	5.1	868	7.8	41
RR94-01-03		2210	916	1030	6.9	518	7.4	13
RR94-01-04		1090	806	735	11.0	491	7.0	13
RR94-01-05		1460	785	776	5.7	571	8.3	12
RR94-01-06		2230	1371	187	4.7	262	3.6	7
RR94-02-01		1530	967	354	5.2	774	8.0	78
RR94-02-02		3920	965	342	7.7	931	10.0	12
RR94-03-01		1650	809	951	6.4	388	6.7	508
RR94-04-01		2080	579	689	7.6	434	5.3	22
RR94-04-02		1710	632	547	6.8	398	5.2	32
RR94-05-01		2240	543	372	6.9	236	3.7	16
RR94-06-01		1910	1158	876	6.0	275	9.3	13
RR94-06-02		2000	1163	670	7.0	254	8.5	10
RR94-06-03		2240	1325	630	5.5	308	8.1	8
RR94-07-01		1400	2491	670	7.4	368	4.3	7
RR94-08-01		1520	548	1002	7.1	461	6.0	3
RR94-09-01		2210	658	1512	7.6	481	6.3	5
RR94-09-05		1170	647	514	6.8	497	2.8	<2
RR94-10-01		2620	440	965	7.0	434	5.9	3
RR94-10-02		3320	432	1126	6.1	444	5.3	4
RR94-11-01		2290	515	1645	5.9	318	6.2	4
RR94-11-02		4630	325	913	7.1	487	5.0	5
RR94-11-03		3240	303	1014	5.3	332	5.4	2
RR94-12-01		2110	313	731	5.8	352	3.4	10
RR94-12-02		2190	343	1439	6.4	388	4.0	9
RR94-12-03		2570	385	1891	7.3	419	3.1	6
RR94-12-04		1990	435	2041	6.2	429	3.1	6
RR94-12-05		2080	338	1639	6.4	415	3.4	8
RR94-12-06		2230	401	1849	6.3	338	5.0	5
RR94-12-07		2370	289	1704	6.6	462	4.0	7
RR94-13-01		2860	345	1212	6.0	302	4.6	10
RR94-13-02		3760	423	660	8.1	261	7.9	9
RR94-13-03		5140	657	716	4.6	315	8.7	12
RR94-13-04		3800	590	1215	4.8	290	6.6	16
RR94-13-05		2440	425	1463	5.8	318	5.6	12
RR94-13-06		3190	497	1442	5.2	330	4.4	10
RR94-13-07		3380	336	1779	5.4	379	3.2	8
RR94-14-01		5020	301	1692	9.4	789	6.1	13
RR94-15-01		4030	568	2146	7.2	293	4.0	44
RR94-16-01		2000	428	1583	8.8	488	25.3	6
RR94-17-01		240	549	399	2.2	97	3.0	15
RR94-18-01		1090	749	367	3.1	178	3.1	100
RR94-19-01		670	624	1031	3.3	647	5.0	23
RR94-19-02		917	1136	1397	5.2	462	5.9	34
RR94-20-01		450	868	188	2.4	242	2.6	31
RR94-20-02		1120	868	250	3.8	277	2.3	11
RR94-20-03		1090	1279	262	2.6	244	2.7	190
RR94-20-04		553	688	267	7.0	213	2.6	324
RR94-20-05		1360	7830	1775	10.8	527	3.4	63

Bondar Clegg Heavy Mineral Concentrate Analyses

REPORT: 094-41852.0 (COMPLETE) PROJECT: NO

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	W PPM
RP94-01-01		140	345	184	0.3	27	1.1	204
RP94-01-02		580	266	94	0.4	27	1.4	264
RP94-01-03		230	315	208	0.6	42	1.3	942
RP94-01-04		120	299	166	0.4	11	0.8	592
RP94-01-05		230	167	179	0.2	8	1.0	303
RP94-02-01		77	224	107	0.5	32	0.9	759
RP94-02-02		24	313	340	1.0	15	0.7	360
RP94-02-03		46	363	919	13.5	36	1.3	120
RP94-03-01		170	827	163	0.9	77	1.9	98
RP94-03-02		150	655	171	0.4	27	1.9	96
RP94-04-01		360	455	86	2.4	315	13.0	63
RP94-05-01		440	513	68	0.7	64	1.1	120
RP94-05-02		180	2293	128	12.6	42	0.8	110
RP94-06-01		55	171	53	<0.1	11	0.4	29
RP94-07-01		200	323	135	0.7	19	1.1	74
RP94-07-02		290	271	71	0.3	11	0.8	62
RP94-08-01		110	133	52	0.2	12	0.8	130
RP94-08-02		230	184	55	0.2	12	0.8	38
RP94-08-03		260	162	50	0.9	21	1.1	30
RP94-08-04		280	177	92	<0.1	14	0.7	71
RP94-09-01		210	359	78	0.6	18	1.1	277
RP94-09-02		380	319	79	0.6	19	1.2	373
RP94-09-03		240	206	78	0.5	20	1.2	241
RP94-09-04		150	149	60	0.4	18	0.6	120
RP94-10-01		31	319	606	0.7	105	2.4	37
RP94-10-02		330	286	48	0.6	28	1.0	80
RP94-11-01		65	1019	255	1.3	89	2.4	170

Bondar Clegg Heavy Mineral Concentrate Analyses

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

DATE PRINTED: 16-MAY-94

REPORT: 094-41906.0 (COMPLETE) PROJECT: NONE

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Cu PPM	Zn PPM	Ag PPM	As PPM	Sb PPM	W PPM
S94-02-1622		11	283	1046	0.3	8	0.9	6
S94-02-2231		67	726	344	0.3	12	0.7	6
S94-02-3140		89	260	1570	0.6	7	0.7	6
S94-02-4045		280	109	339	<0.1	5	0.5	4
S94-02-4549		24	127	291	0.3	8	0.4	3
S94-02-4955		110	314	2454	0.8	24	1.2	12
S94-04-8388		56	769	674	2.1	64	1.8	5
S94-04-8894		160	IS	IS	IS	56	1.4	12
S94-04-9499		160	400	203	1.8	30	1.0	37
S94-04-99104		430	702	618	2.6	57	1.9	31
S94-06-0612		200	78	98	0.9	54	0.9	7
S94-07-1718		110	143	126	0.5	10	0.9	5
S94-07-1819		<14	179	105	0.4	17	0.8	3
S94-07-1920		370	233	140	0.5	12	0.8	3
S94-08-4952		420	160	106	1.5	70	0.4	1700
S94-10-2326		588	236	880	1.9	129	1.4	28
S94-10-2628		870	215	614	2.2	130	1.4	7
S94-11-1626		120	344	131	2.5	38	1.1	21
S94-13-6567		565	179	255	1.6	143	1.6	3
S94-13-6769		605	144	160	2.3	153	1.9	14
S94-15-8690		1350	239	404	3.9	257	2.7	5
S94-15-9094		6550	326	559	5.1	287	3.3	4
S94-16-8184		1130	170	219	6.6	238	1.8	57
S94-16-8487		1210	146	106	6.3	232	1.8	140
S94-18-6466		760	458	591	4.0	106	2.6	11
S94-18-6669		1520	111	146	4.5	94	15.0	219
S94-19-6064		1710	343	379	8.7	646	11.0	9
S94-19-6467		1790	371	247	9.9	579	12.0	11
S94-20-9096		100	243	91	0.9	36	1.2	6
S94-20-96116		260	388	405	2.9	110	1.5	4
RR94-09-02		1750	492	1673	7.7	513	5.4	2
RR94-09-03		2430	600	1505	7.3	461	5.0	7
RR94-09-04		1010	838	629	6.6	377	4.6	<2

- represents the interval (in ft) from which the sample was taken.

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Appendix V
Tabulated Till Analyses and Gold Grain Counts

NURR1MAR.WR2 OVERBURDEN DRILLING MANAGEMENT LIMITED
TOTAL # OF SAMPLES IN THIS REPORT = 21

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION												CLASS
						M. I. CONC			CLAST				MATRIX								
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	OR	
RR-94																					
01-01	6.8	2.3	4.5	194.6	161.7	32.9	27.5	5.4	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N	TILL
01-02	9.5	2.6	6.9	228.2	172.3	55.9	45.5	10.4	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N	TILL
01-03	10.1	2.8	7.3	266.7	198.1	68.6	60.2	8.4	C	65	35	0	NA	U	Y	Y	Y	GB	GB	N	TILL
01-04	12.0	3.2	8.8	270.8	188.4	82.4	72.5	9.9	C	75	25	0	NA	U	Y	Y	Y	GB	GB	N	TILL
01-05	9.4	2.0	7.4	372.7	297.3	75.4	67.7	7.7	C	90	10	0	NA	U	Y	Y	Y	GB	GB	N	TILL
01-06	10.8	2.6	8.2	491.2	250.0	241.2	217.3	23.9	C	90	10	0	NA	U	Y	Y	Y	GB	GB	N	TILL
02-01	8.9	2.7	6.2	228.5	160.4	68.1	56.0	12.1	C	70	30	0	NA	U	Y	Y	Y	GB	GB	N	TILL
02-02	8.2	2.0	6.2	344.8	258.8	86.0	75.6	10.4	C	95	5	0	NA	U	Y	Y	Y	GB	GB	N	TILL
03-01	10.2	2.5	7.8	309.5	245.9	63.6	54.6	9.0	C	90	10	0	NA	U	Y	Y	Y	GB	GB	N	TILL
04-01	8.7	3.2	5.6	187.5	123.1	64.4	58.8	5.6	C	95	5	0	NA	U	Y	Y	Y	GB	GB	N	TILL
04-02	10.3	3.6	6.7	213.2	123.4	89.8	82.4	7.4	C	95	5	0	NA	U	Y	Y	Y	GB	GB	N	TILL
05-01	11.2	4.5	6.7	311.9	158.1	153.8	145.9	7.9	C	95	5	0	NA	U	Y	Y	Y	GB	GB	N	TILL
06-01	10.1	2.8	7.3	439.3	294.4	144.9	133.9	11.0	C	95	5	0	NA	U	Y	Y	Y	GB	GB	N	TILL
06-02	10.4	2.9	7.5	396.8	275.4	121.4	111.0	10.4	C	95	5	0	NA	U	Y	Y	Y	GB	GB	N	TILL
06-03	11.2	3.6	7.7	461.0	299.1	161.9	154.7	7.2	C	98	2	0	NA	U	Y	Y	Y	GB	GB	N	TILL
07-01	10.6	2.3	8.3	480.5	384.9	95.6	84.9	10.7	C	98	2	0	NA	U	Y	Y	Y	GB	GB	N	TILL
08-01	10.1	2.0	8.1	668.3	364.4	303.9	295.5	8.4	C	98	2	0	NA	U	Y	Y	Y	GB	GB	N	TILL
09-01	10.7	3.0	7.7	559.2	404.2	155.0	145.5	9.5	C	80	20	0	NA	U	+	-	N	GB	NA	N	TILL/SAND
09-02	SAMPLE NOT RECEIVED; PAIL MISSING																				
09-03	SAMPLE NOT RECEIVED; PAIL MISSING																				
09-04	SAMPLE NOT RECEIVED; PAIL MISSING																				

NURR2MAR.WK2 OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 20

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG. WET)			WEIGHT (GRAMS DRY)					DESCRIPTION											CLASS
						M. I. CONC			CLAST					MATRIX						
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	OR	
RR-94																					
09-02	9.3	2.7	6.6	332.7	313.8	18.9	18.9	0.0	P	70	30	0	NA	S	M,C	-	-	GB	GB	N	SAND/GRAV.
09-03	8.7	1.8	6.9	333.5	313.8	19.7	19.7	0.0	C	80	20	0	NA	S	M,C	N	-	GB	GN	N	GRAVEL
09-04	10.3	1.0	9.3	340.4	313.8	26.6	26.6	0.0	P	70	30	0	NA	S	M,C	N	N	GB	NA	N	SAND/GRAV.

NURR2MAR.WR2 OVERBURDEN DRILLING MANAGEMENT LIMITED
TOTAL # OF SAMPLES IN THIS REPORT = 20

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION											CLASS
						M. I. CONC			CLAST					MATRIX						
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	OR	
RR-94																					
09-05	10.7	2.4	8.4	838.7	313.8	524.9	513.1	11.8	C	60	40	0	NA	U	+	-	-	GB	GB	N	TILL
10-01	11.3	2.8	8.5	681.5	394.6	286.9	278.0	8.9	C	90	10	0	NA	U	+	-	N	GB	NA	N	TILL
10-02	9.4	2.7	6.7	525.4	287.0	238.4	231.7	6.7	C	90	10	0	NA	U	+	-	-	GB	GB	N	TILL
11-01	9.4	1.3	8.2	539.6	362.3	177.3	162.5	14.8	C	85	15	0	NA	U	+	-	-	GB	GB	N	TILL
11-02	9.2	2.7	6.6	515.9	411.6	104.3	99.8	4.5	C	80	20	0	NA	S	F,M	-	N	LOC	NA	N	SAND/GRAV.
11-03	9.1	1.9	7.2	488.1	274.8	213.3	208.0	5.3	C	90	10	0	NA	U	+	Y	-	GB	GB	N	TILL
12-01	10.3	4.4	6.0	604.4	495.0	109.4	98.9	10.5	C	65	35	0	NA	S	M,C	-	N	B	NA	N	SAND/GRAV.
12-02	10.2	2.9	7.3	637.9	309.8	328.1	315.2	12.9	C	85	15	0	NA	U	Y	Y	Y	GB	GB	N	TILL
12-03	9.7	2.1	7.7	451.3	205.0	246.3	239.1	7.2	C	85	15	0	NA	U	Y	Y	Y	GB	GB	N	TILL
12-04	10.6	3.5	7.2	435.9	201.3	234.6	227.6	7.0	C	85	15	0	NA	U	Y	Y	Y	GB	GB	N	TILL
12-05	11.2	3.3	7.9	359.9	133.7	226.2	218.4	7.8	C	90	10	0	NA	U	Y	Y	Y	GB	GB	N	TILL
12-06	10.8	3.4	7.4	469.7	242.2	227.5	221.1	6.4	C	90	10	0	NA	U	Y	Y	Y	GB	GB	N	TILL
12-07	9.7	3.5	6.2	454.4	244.8	209.6	205.1	4.5	C	90	10	0	NA	U	+	Y	-	GB	GB	N	TILL
13-01	11.2	2.5	8.7	584.1	268.7	315.4	301.3	14.1	C	85	15	0	NA	U	+	Y	-	GB	GB	N	TILL
13-02	11.8	2.9	8.9	468.8	220.2	248.6	238.1	10.5	C	85	15	0	NA	U	Y	Y	Y	GB	GB	N	TILL
13-03	10.6	4.2	6.5	400.8	228.5	172.3	165.5	6.8	C	85	15	0	NA	U	Y	Y	Y	GB	GB	N	TILL
13-04	9.5	2.7	6.8	451.0	273.4	177.6	167.9	9.7	C	90	10	0	NA	U	+	Y	-	GB	GB	N	TILL
13-05	9.3	1.7	7.6	467.2	265.0	202.2	192.2	10.0	C	90	10	0	NA	U	+	Y	-	GB	GB	N	TILL
13-06	10.2	2.3	7.9	485.9	264.3	221.6	214.1	7.5	C	85	15	0	NA	U	Y	Y	Y	GB	GB	N	TILL

NURR3MAR.WR2 OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 13

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION												CLASS
						M. I. CONC			CLAST				MATRIX								
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	OR	
RR-94																					
13-07	9.5	2.7	6.8	389.8	165.5	224.3	218.6	5.7	C	85	15	0	NA	U	+	Y	-	GB	GB	N	TILL
14-01	9.2	3.3	6.0	423.0	281.1	141.9	134.9	7.0	C	85	15	0	NA	U	+	Y	-	GB	GB	N	TILL
15-01	4.9	2.0	2.9	247.6	180.8	66.8	63.0	3.8	C	85	15	0	NA	U	+	Y	-	GB	GB	N	TILL
16-01	3.7	1.6	2.2	232.7	169.6	63.1	62.1	1.0	C	100	TR	0	NA	U	+	Y	-	GB	GB	N	TILL
17-01	4.6	0.1	4.5	165.4	148.0	17.4	13.2	4.2	P	5	20	75	NA	U	-	+	+	GB	GB	N	SAND/TILL
18-01	9.3	4.9	4.4	292.1	259.5	32.6	23.5	9.1	C	60	40	0	NA	U	Y	Y	Y	GB	GB	N	TILL
19-01	10.2	3.0	7.2	490.6	371.3	119.3	109.0	10.3	C	80	20	0	NA	U	Y	Y	Y	GB	GB	N	TILL
19-02	9.5	3.3	6.3	396.2	251.9	144.3	138.2	6.1	C	5	95	0	NA	U	Y	Y	Y	GB	GB	N	TILL
20-01	9.3	3.7	5.7	314.7	290.0	24.7	20.6	4.1	C	50	50	TR	NA	S	M,C	-	N	GB	NA	N	SAND/GRAV.
20-02	10.5	3.4	7.1	499.3	406.5	92.8	71.6	21.2	C	70	30	0	NA	U	+	Y	-	GB	GB	N	TILL
20-03	8.7	3.3	5.5	245.3	212.8	32.5	24.6	7.9	C	70	30	0	NA	U	+	Y	-	GB	GB	N	TILL
20-04	9.4	3.8	5.6	262.6	248.9	13.7	9.9	3.8	C	50	50	0	NA	S	M,C	-	N	GB	NA	N	SAND/GRAV.
20-05	9.1	4.0	5.1	235.2	205.1	30.1	26.0	4.1	C	35	65	0	NA	S	M,C	-	N	GB	NA	N	SAND/GRAV.

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

NURR1MAR.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
RR-94									
01-01	9	5	4	0	27.5	104	101	3	0
01-02	15	7	8	0	45.5	1985	1889	95	0
01-03	47	7	24	16	60.2	273	7	164	102
01-04	39	3	31	5	72.5	103	6	93	3
01-05	30	4	22	4	67.7	172	11	158	2
01-06	92	4	38	50	217.3	80	8	35	37
02-01	60	2	36	22	56.0	272	13	233	26
02-02	13	3	5	5	75.6	84	28	46	10
03-01	16	1	12	3	54.6	33	12	18	3
04-01	15	0	13	2	58.8	47	0	44	3
04-02	17	5	11	1	82.4	76	25	49	2
05-01	25	7	13	5	145.9	157	22	130	5
06-01	46	11	31	4	133.9	158	60	96	2
06-02	42	6	28	8	111.0	175	18	146	10
06-03	28	11	12	5	154.7	62	27	31	4
07-01	54	9	39	6	84.9	292	106	147	39
08-01	58	7	41	10	295.5	55	10	37	7
09-01	20	2	14	4	145.5	124	7	92	25
09-02	SAMPLE MISSING								
09-03	SAMPLE MISSING								
09-04	SAMPLE MISSING								

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

NURREMAR.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
RR-94									
09-02	9	0	7	2	18.9	182	0	168	15
09-03	15	0	9	6	19.7	247	0	199	49
09-04	12	0	4	8	25.6	326	0	312	14

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

NURR1MAR.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
RR-94									
09-05	29	6	16	7	23.9	425	179	143	102
10-01	52	5	41	6	24.3	986	44	789	152
10-02	72	3	63	6	19.0	2833	58	2704	71
11-01	46	3	22	21	23.3	1071	120	754	197
11-02	21	1	13	7	18.7	473	34	319	120
11-03	47	4	35	8	20.6	900	72	595	233
12-01	13	1	10	2	17.0	492	0	480	11
12-02	34	0	27	7	20.9	1853	0	3383	369
12-03	87	0	57	30	21.9	911	0	751	159
12-04	17	0	13	4	20.4	2491	0	2416	76
* 12-02/04	70	0	60	10	25.7	1118	0	1056	62
12-05	126	0	42	84	22.4	2027	0	1103	923
12-06	98	1	63	34	21.1	4411	257	3467	687
12-07	126	2	85	39	17.6	1879	16	1343	520
13-01	109	2	74	33	24.7	6249	4	5623	622
13-02	83	1	61	21	25.4	23088	3	22968	117
13-03	44	0	31	13	18.4	828	0	489	339
13-04	175	4	131	40	19.4	2408	158	1457	794
13-05	113	3	90	20	21.6	1073	43	774	255
13-06	90	2	60	28	22.4	6274	33	5692	548

A portion of the gold from Samples 12-02 and 04 were inadvertently combined as detailed on the gold sheets of this mornings transmission

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

NURR3MAR.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
RR-94									
13-07	154	2	95	57	218.6	338	9	259	70
14-01	42	2	28	12	134.9	172	6	106	61
15-01	16	0	9	7	63.0	227	0	63	163
16-01	8	1	0	7	62.1	13	1	0	12
17-01	1	0	1	0	13.2	15	0	15	0
18-01	20	9	7	4	23.5	252	224	14	14
19-01	8	5	3	0	109.0	27	16	11	0
19-02	16	6	10	0	138.2	23	3	20	0
20-01	1	0	1	0	20.6	31	0	31	0
20-02	23	0	11	12	71.6	103	0	31	72
20-03	13	0	9	4	24.6	133	0	120	13
20-04	5	0	5	0	9.9	30	0	30	0
20-05	5	0	5	0	26.0	390	0	390	0

GOLD CLASSIFICATION
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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURR1MAR.WR2
TOTAL # OF PANNINGS 18

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
RR-94													
01-01	Y	15 X 25	4 C				1			1			EST. 10% PYRITE,
		25 X 25	5 C			2	1			3			15 GR. NATIVE Cu ((1500 uM),
		25 X 50	8 C	1						1			1000 GR. W-CARBIDE.
		50 X 50	10 C	1						1			
		50 X 75	13 C	1						1			
		75 X 75	15 C	1						1			
		75 X 125	20 C	1						1			
										9	27.5	104	
01-02	Y	25 X 25	5 C			2	1			3			EST. 40% PYRITE
		25 X 50	8 C	1	1	1	1			4			50 GR. NATIVE Cu ((2000 uM),
		25 X 75	10 C				1			1			50 GR. ARSENOPYRITE ((300 uM),
		50 X 50	10 C		1					1			1000 GR. W-CARBIDE.
		50 X 75	13 C	1						1			
		75 X 100	18 C			1				1			
		100 X 125	22 C	1						1			
		125 X 125	25 C				1			1			
		275 X 300	52 C	1						1			
		300 X 375	59 C	1						1			
										15	45.5	1985	
01-03	Y	15 X 15	3 C		1				2	3			EST. 50% PYRITE,
		25 X 25	5 C	2	1	4		1	3	11			20 GR. NATIVE Cu ((500 uM),
		25 X 50	8 C	1	1	8		5		15			500 GR. W-CARBIDE.
		25 X 75	10 C	1		2			1	4			
		50 X 50	10 C			1				1			
		50 X 75	13 C			2		1		3			
		50 X 100	15 C			2				2			
		50 X 125	18 C			1				1			
		50 X 150	20 C			2				2			
		50 X 200	25 C					1		1			
		75 X 75	15 C					1		1			
		75 X 100	18 C			1				1			
		75 X 125	20 C			1		1		2			
										47	60.2	273	
01-04	Y	10 X 10	2 C	1		1				2			EST. 65% PYRITE,
		15 X 15	3 C			2	2	1		5			15 GR. NATIVE Cu ((200 uM),
		25 X 25	5 C			3	1	2		6			500 GR. W-CARBIDE.
		25 X 50	8 C	1		7	1	2		11			
		25 X 75	10 C			4	1			5			
		50 X 50	10 C			2				2			

GOLD CLASSIFICATION
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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURRIMAR.WR2
TOTAL # OF PANNINGS 18

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS: RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
RR-94													
		50 X 75	13 C	1		3	1			5			
		75 X 75	15 C			1				1			
		75 X 100	18 C			1				1			
		100 X 100	20 C				1			1			
										39	72.5	103	
01-05	Y	10 X 10	2 C			3				3			EST. 65% PYRITE,
		15 X 15	3 C	1		1		1		3			15 GR. NATIVE Cu ((200 uM),
		25 X 25	5 C			7		2		9			500 GR. W-CARBIDE.
		25 X 50	8 C			5		1		6			
		25 X 75	10 C	1		1				2			
		50 X 50	10 C	1						1			
		50 X 75	13 C	1		1				2			
		75 X 125	20 C			1				1			
		75 X 150	22 C			1				1			
		100 X 125	22 C				1			1			
		100 X 175	27 C				1			1			
										30	67.7	172	
01-06	Y	10 X 10	2 C					3		3			EST. 70% PYRITE,
		15 X 15	3 C			2		2		4			15 GR. NATIVE Cu ((200 uM).
		25 X 25	5 C			4	4	16		24			
		25 X 50	8 C		1	8	3	8		20			
		25 X 75	10 C			3	2	4		9			
		25 X 100	13 C			2	1	2		5			
		50 X 50	10 C			2	1	5	1	9			
		50 X 75	13 C	1	1	3		6	1	12			
		50 X 100	15 C			1		1		2			
		50 X 125	18 C				2	1		3			
		75 X 100	18 C	1						1			
										92	217.3	80	
02-01	Y	25 X 25	5 C			13	3	12		28			EST. 35% PYRITE
		25 X 50	8 C			6		7		13			
		25 X 75	10 C			4	2	3		9			
		25 X 100	13 C			1				1			
		50 X 50	10 C			1				1			
		50 X 75	13 C	2		3				5			
		50 X 250	29 C				1			1			
		100 X 100	20 C			1				1			
		125 X 125	25 C			1				1			

GOLD CLASSIFICATION
==========
VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURR1MAR.WR2
TOTAL # OF PANNINGS 18

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
RR-94										60	56	272	
02-02	Y	15 X 15	3 C	1		1	1			3			EST. 40% PYRITE
		25 X 25	5 C					1		1			
		25 X 50	8 C					2		2			
		25 X 75	10 C					1		1			
		50 X 50	10 C			1				1			
		50 X 75	13 C			1		1		2			
		75 X 75	15 C		1					1			
		75 X 125	20 C	1						1			
		100 X 150	25 C			1				1			
										13	75.6	84	
03-01	Y	25 X 25	5 C			4		1		5			EST. 40% PYRITE
		25 X 50	8 C			6		2		8			
		25 X 75	10 C			1	1			2			
		75 X 75	15 C	1						1			
										16	54.6	33	
04-01	Y	15 X 15	3 C			1				1			EST. 40% PYRITE
		25 X 25	5 C			3				3			
		25 X 50	8 C			5	1	2		8			
		50 X 75	13 C			1				1			
		50 X 100	15 C			1				1			
		75 X 100	18 C			1				1			
										15	58.8	47	
04-02	Y	25 X 50	8 C	1		5				6			EST. 60% PYRITE
		50 X 50	10 C	1		1	1	1		4			
		50 X 75	13 C	2		2	1			5			
		75 X 100	18 C		1					1			
		100 X 125	22 C			1				1			
										17	82.4	76	
05-01	Y	25 X 25	5 C					2		2			
		25 X 50	8 C	1		1		1		3			EST. 80% PYRITE
		25 X 75	10 C	2		1	1	1		5			
		25 X 100	13 C	1						1			
		50 X 50	10 C	1						1			
		50 X 75	13 C			3	1	1		5			
		50 X 100	15 C	1		1				2			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURRIMAR.WR2

TOTAL # OF PANNINGS 18

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
RR-94													
		75 X 75	15 C			1				1			
		75 X 100	18 C				1			1			
		75 X 125	20 C		1		1			2			
		75 X 200	27 C				1			1			
		100 X 275	36 C				1			1			
										25	145.9	157	
06-01	Y	15 X 15	3 C				1			1			EST. 80% PYRITE
		25 X 25	5 C	1		4	2	2	1	10			
		25 X 50	8 C	1	1	2	4			8			
		25 X 75	10 C			2		1		3			
		50 X 50	10 C		1	1	1			3			
		50 X 75	13 C	4	1	8	1			14			
		75 X 75	15 C				1			1			
		75 X 125	20 C			3				3			
		75 X 175	25 C	2		1				3			
										46	133.9	158	
06-02	Y	15 X 15	3 C	1				1		2			EST. 80% PYRITE
		25 X 25	5 C			4	1	2		7			
		25 X 50	8 C			6	2	2	1	11			
		25 X 75	10 C	1				1		2			
		50 X 50	10 C	1		4	2			7			
		50 X 75	13 C		1	3				4			
		75 X 75	15 C	2					1	3			
		75 X 125	20 C			1	2			3			
		75 X 175	25 C			1	1			2			
		100 X 150	25 C				1			1			
										42	111	175	
06-03	Y	25 X 25	5 C			2			2	4			EST. 80% PYRITE
		25 X 50	8 C	1	3	1		1		6			
		25 X 75	10 C	1	1	1	2	1		6			
		50 X 75	13 C	1	1	1	1	1		5			
		50 X 100	15 C	1		2				3			
		75 X 100	18 C	1	1	2				4			
										28	154.7	62	
07-01	Y	25 X 25	5 C	2	1	7	5	1		16			EST. 60% PYRITE
		25 X 50	8 C		1	4	4			9			
		25 X 75	10 C	1	1	1	1	1		5			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURR1MAR.WR2
TOTAL # OF PANNINGS 18

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
RR-94													
		25 X 100	13 C		1	1				2			
		50 X 50	10 C			3	1	1		5			
		50 X 75	13 C		1	3	2	2		8			
		50 X 100	15 C			1				1			
		50 X 125	18 C			1	1			2			
		50 X 150	20 C			1	1			2			
		50 X 175	22 C					1		1			
		75 X 100	18 C			1				1			
		75 X 125	20 C				1			1			
		150 X 200	34 C		1					1			
										54	84.9	292	
08-01	Y	25 X 25	5 C	3		3	7	1		14			EST. 90% PYRITE
		25 X 50	8 C	1		12	4	4	1	22			
		25 X 75	10 C			4				4			
		50 X 50	10 C			2				2			
		50 X 75	13 C	1		2	2	1	2	8			
		50 X 100	15 C			1				1			
		75 X 75	15 C				1		1	2			
		75 X 100	18 C		1		1			2			
		75 X 125	20 C	1			1			2			
		75 X 175	25 C				1			1			
										58	295.5	55	
09-01	Y	15 X 15	3 C			1	1			2			EST. 90% PYRITE
		25 X 25	5 C		1		1		1	3			
		25 X 50	8 C			1	1		1	3			
		25 X 75	10 C			1	1			2			
		50 X 75	13 C			1	2			3			
		50 X 100	15 C						1	1			
		75 X 100	18 C		1	1				2			
		100 X 100	20 C			1				1			
		100 X 150	25 C			1			1	2			
		125 X 200	31 C				1			1			
										20	145.5	124	
09-02	N	PAIL MISSING; SAMPLE NOT PROCESSED											
09-03	N	PAIL MISSING; SAMPLE NOT PROCESSED											
09-04	N	PAIL MISSING; SAMPLE NOT PROCESSED											

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NUARR2MAR.WR2
TOTAL # OF PANNINGS 20

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
RR-94													
09-02	Y	25 X 25	5 C			2				2			EST. 90% PYRITE
		25 X 50	8 C			1		1		2			
		25 X 75	10 C					1		1			
		50 X 75	13 C			1				1			
		50 X 100	15 C			1				1			
		50 X 125	18 C			1	1			2			
										9	18.857	182	
09-03	Y	15 X 15	3 C				2			2			EST. 90% PYRITE
		25 X 25	5 C						2	2			
		25 X 50	8 C			1		2		3			
		50 X 50	10 C			1				1			
		50 X 75	13 C			2	1	2		5			
		50 X 125	18 C				1			1			
		50 X 150	20 C				1			1			
										15	19.714	247	
09-04	Y	15 X 15	3 C					3		3			EST. 90% PYRITE
		25 X 25	5 C					3		3			
		25 X 50	8 C					1		1			
		50 X 50	10 C				1	1		2			
		50 X 75	13 C			1				1			
		75 X 125	20 C				1			1			
		150 X 175	31 C				1			1			
										12	26.571	326	

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURR2MAR.WR2

TOTAL # OF PANNINGS 20

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL NON MAG	CALC V.G. ASSAY GMS	CALC V.G. ASSAY PPB	REMARKS
RR-94													
09-05	Y	15 X 15	3 C	1			2			3			EST. 90% PYRITE
		25 X 25	5 C			5	1	1		7			
		25 X 50	8 C			2		1	1	4			
		50 X 50	10 C			3		1	1	5			
		50 X 75	13 C	2		1		1		4			
		75 X 75	15 C			1				1			
		75 X 100	18 C	1	1					2			
		75 X 125	20 C	1		1			1	3			
										29	513.1	20	
10-01	Y	15 X 15	3 C			1	2			3			EST. 90% PYRITE
		25 X 25	5 C			3	3			6			
		25 X 50	8 C		3	4	5	1	2	15			
		25 X 75	10 C			1	1			2			
		25 X 125	15 C			1				1			
		50 X 50	10 C		1	2	2		1	6			
		50 X 75	13 C			5	2	1		8			
		50 X 100	15 C		1					1			
		50 X 125	18 C			1	1			2			
		50 X 150	20 C				1			1			
		50 X 200	25 C					1		1			
		75 X 100	18 C			1	1			2			
		75 X 125	20 C				3			3			
		100 X 175	27 C			1				1			
										52	278	86	
10-02	Y	15 X 15	3 C			3	2			5			EST. 90% PYRITE
		25 X 25	5 C			9	1	3		13			
		25 X 50	8 C	1		6	7	1		15			
		25 X 75	10 C			5	2			7			
		25 X 100	13 C			1				1			
		50 X 50	10 C			8		1		9			
		50 X 75	13 C	1		9				10			
		50 X 100	15 C	1		1	1			3			
		75 X 75	15 C			2				2			
		75 X 100	18 C			3		1		4			
		75 X 125	20 C			1				1			
		175 X 225	38 C			1				1			
		250 X 275	48 C			1				1			
										72	231.7	232	
11-01	Y	15 X 15	3 C			2				2			EST. 90% PYRITE

GOLD CLASSIFICATION
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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURR2MAR.WR2
TOTAL # OF PANNINGS 20

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL NON MAG	CALC V.G. ASSAY GMS	ASSAY PPB	REMARKS
RR-94													
		25 X 25	5 C		1	1		7		9			
		25 X 50	8 C			1		4		5			
		25 X 75	10 C			1		1		2			
		25 X 100	13 C					1		1			
		25 X 125	15 C			1				1			
		50 X 50	10 C			6	2	2		10			
		50 X 75	13 C			4		3	1	8			
		50 X 125	18 C			1			1	2			
		75 X 75	15 C	1				1		2			
		75 X 100	18 C			1				1			
		100 X 125	22 C	1						1			
		125 X 150	27 C			1				1			
		150 X 200	34 C			1				1			
										46	162.5	153	
11-02	Y	25 X 25	5 C			3	1	1		5			EST. 90% PYRITE
		25 X 50	8 C			1			1	2			
		25 X 75	10 C				1	1		2			
		50 X 50	10 C			1		1		2			
		50 X 75	13 C			2		2		4			
		50 X 125	18 C						1	1			
		50 X 150	20 C			1				1			
		75 X 75	15 C	1		1				2			
		75 X 100	18 C			1				1			
		75 X 125	20 C			1				1			
										21	99.8	89	
11-03	Y	10 X 10	2 C			4				4			EST. 90% PYRITE
		15 X 15	3 C			1	1	1		3			
		25 X 25	5 C			4	3			7			
		25 X 50	8 C	1		3	3	1		8			
		25 X 75	10 C	1		4	1			6			
		50 X 50	10 C	1		2		1		4			
		50 X 75	13 C			4		1	1	6			
		50 X 100	15 C			1				1			
		50 X 125	18 C	1						1			
		50 X 175	22 C					1		1			
		75 X 75	15 C				1		1	2			
		75 X 100	18 C			1		1		2			
		75 X 125	20 C				1			1			
		75 X 225	29 C				1			1			
		100 X 175	27 C							0			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURR2MAR.WR2

TOTAL # OF PANNINGS 20

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
RR-94										47	208	89	
12-01	Y	10 X 10	2 C					1		1			EST. 90% PYRITE
		15 X 15	3 C	1		1	1			3			
		25 X 50	8 C			2	1			3			
		50 X 50	10 C				1	1		2			
		50 X 100	15 C			2				2			
		75 X 125	20 C			1				1			
		100 X 200	29 C			1				1			
										13	98.9	85	
12-02	Y	15 X 15	3 C				1		1	2			EST. 90% PYRITE
		25 X 25	5 C				2		2	4			
		25 X 50	8 C				4			4			
		25 X 75	10 C				2			2			
		50 X 50	10 C				2		1	3			ONLY PANNING RESULTS, SEE 12-02/04
		50 X 75	13 C				3			3			FOR TABLE GOLD RESULTS.
		50 X 125	18 C				1			1			
		50 X 150	20 C				2			2			
		75 X 100	18 C				3			3			
		75 X 125	20 C				2		1	3			
		75 X 150	22 C				1		1	2			
		75 X 200	27 C						1	1			
		100 X 125	22 C				1			1			
		125 X 175	29 C				1			1			
		125 X 250	36 C				1			1			
		225 X 425	50 C				1			1			
										34	315.2	122.5998	
12-03	Y	15 X 15	3 C				1	1	1	3			EST. 90% PYRITE
		25 X 25	5 C			8	2	10	2	22			
		25 X 50	8 C			14	4	6	2	26			
		25 X 75	10 C			4		4		8			
		25 X 100	13 C			2		2		4			
		50 X 50	10 C			4	2			6			
		50 X 75	13 C			6	2	1		9			
		50 X 125	18 C				2			2			
		75 X 75	15 C			4	1	1		6			
		75 X 200	27 C			1				1			
										87	239.1	83	
12-04	Y	25 X 25	5 C				2			2			EST. 90% PYRITE

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURR2MAR.WR2

TOTAL # OF PANNINGS 20

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL NON MAG	CALC V.G. ASSAY GMS	CALC V.G. ASSAY PPB	REMARKS
RR-94													
		25 X 50	8 C				4		2	6			
		25 X 75	10 C				2			2			ONLY PANNING RESULTS, SEE 12-02/04
		25 X 100	13 C				1			1			FOR TABLE GOLD RESULTS.
		50 X 75	13 C				1		1	2			
		50 X 100	15 C				1			1			
		75 X 100	18 C						1	1			
		75 X 125	20 C				1			1			
		275 X 375	58 C				1			1			
										17	227.6	224	
12-02/04	Y	15 X 15	3 C			2		2		4			TABLE GOLD INADVERTENTLY COMBINED.
		25 X 25	5 C			10		1		11			
		25 X 50	8 C			8		3		11			OF THESE 72 GRAINS, IT IS ESTIMATED
		25 X 75	10 C			7				7			THAT 27 ORIGINATED FROM SAMPLE
		50 X 50	10 C			6		1		7			12-02 AND THAT 45 ORIGINATED FROM
		50 X 75	13 C			16		3		19			12-04.
		50 X 100	15 C			1				1			
		75 X 75	15 C			1				1			
		75 X 100	18 C			5				5			
		75 X 125	20 C			1				1			
		100 X 125	22 C			1				1			
		100 X 150	25 C			1				1			
		125 X 175	29 C			1				1			
										70	315.2	91	
12-05	Y	15 X 15	3 C					3	3	6			EST. 90% PYRITE
		25 X 25	5 C			4	2	15	5	26			
		25 X 50	8 C			9	2	20	8	39			
		25 X 75	10 C					2		2			
		25 X 100	13 C						1	1			
		50 X 50	10 C			4	1	6	1	12			
		50 X 75	13 C			5	1	9	2	17			
		50 X 100	15 C			3	2		1	6			
		50 X 125	18 C			1				1			
		50 X 150	20 C					1		1			
		50 X 175	22 C				1			1			
		75 X 75	15 C			1	1	2		4			
		75 X 100	18 C				2		1	3			
		75 X 125	20 C					2		2			
		75 X 150	22 C						1	1			
		100 X 125	22 C				1		1	2			
		100 X 175	27 C			1				1			
		150 X 175	25 M			1				1			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURR2MAR.WR2 NUMBER OF GRAINS

TOTAL # OF PANNINGS 20

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL NON MAG	CALC V.G. ASSAY GMS	CALC V.G. ASSAY PPB	REMARKS
RR-94													
										126	218.4	208	
12-06	Y	15 X 15	3 C				1	3	1	5			EST. 90% PYRITE
		25 X 25	5 C			2	4	6	1	13			
		25 X 50	8 C			7	8	10	3	28			
		25 X 75	10 C			3	1			4			
		25 X 100	13 C			1	1			2			
		25 X 125	15 C			1				1			
		50 X 50	10 C			3	3			6			
		50 X 75	13 C			4	5	2	2	13			
		50 X 100	15 C			4	1	1		6			
		50 X 125	18 C			3				3			
		50 X 150	20 C			1				1			
		75 X 75	15 C			1	1	1	1	4			
		75 X 125	20 C			1	2	1		4			
		75 X 150	22 C						1	1			
		75 X 200	27 C			1				1			
		75 X 225	29 C			1				1			
		100 X 125	22 C			1				1			
		125 X 125	25 C			1				1			
		125 X 200	31 C					1		1			
		200 X 250	100 M			1				1			
		275 X 35	30 C	1						1			
										98	221.1	422	
12-07	Y	15 X 15	3 C			5	2	2	1	10			EST. 90% PYRITE,
		25 X 25	5 C			15	3	7	5	30			1000 GR. GALENA ((10 uM)
		25 X 50	8 C	1		22	8	7	5	43			
		25 X 75	10 C			1		2	1	4			
		25 X 100	13 C			1		1		2			
		50 X 50	10 C	1		8	4			13			
		50 X 75	13 C			4	4	4	1	13			
		50 X 100	15 C			1			1	2			
		50 X 150	20 C					1		1			
		50 X 200	25 C					1		1			
		75 X 75	15 C				2			2			
		75 X 100	18 C			2				2			
		75 X 150	22 C			1				1			
		75 X 225	29 C				1			1			
		100 X 175	27 C			1				1			
										126	205.1	161	

GOLD CLASSIFICATION
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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURR2MAR.WR2 NUMBER OF GRAINS
TOTAL # OF PANNINGS 20

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
RR-94													
13-01	Y	15 X 15	3 C			2		2		4			EST. 90% PYRITE
		25 X 25	5 C	1		10	4	3		18			
		25 X 50	8 C	1		15	5	7	1	29			
		25 X 75	10 C			7		3		10			
		25 X 100	13 C					1		1			
		50 X 50	10 C			6	2	4	3	15			
		50 X 75	13 C			7	3	3		13			
		50 X 100	15 C			2		1		3			
		50 X 125	18 C					1		1			
		50 X 150	20 C						1	1			
		75 X 75	15 C			1	1			2			
		75 X 100	18 C			1	3	1		5			
		75 X 150	22 C					1		1			
		75 X 175	25 C			2				2			
		100 X 100	20 C			1				1			
		125 X 175	29 C					1		1			
		200 X 425	125 M				1			1			
		225 X 300	48 C				1			1			
										109	301.3	513	
13-02	Y	15 X 15	3 C			5		2		7			EST. 90% PYRITE
		25 X 25	5 C			10	5	4	2	21			
		25 X 50	8 C		1	12	3		2	18			
		25 X 75	10 C			5		2	3	10			
		25 X 100	13 C			1				1			
		50 X 50	10 C			4			3	7			
		50 X 75	13 C			1	4	1	2	8			
		50 X 100	15 C			3	1			4			
		75 X 75	15 C			1				1			
		75 X 125	20 C			1				1			
		100 X 1125	91 C				1			1			
		100 X 175	27 C			1	1			2			
		100 X 200	29 C				1			1			
		325 X 950	100 M				1			1			
										83	238.1	2466	
13-03	Y	15 X 15	3 C			2				2			EST. 90% PYRITE
		25 X 25	5 C			3	1	2		6			
		25 X 50	8 C			9	1	1	4	15			
		25 X 75	10 C			2				2			
		25 X 100	13 C			1				1			
		25 X 250	27 C					1		1			
		50 X 50	10 C			3	1	2	1	7			

GOLD CLASSIFICATION
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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURR2MAR.WR2
TOTAL # OF PANNINGS 20

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS: RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
RR-94													
		50 X 75	13 C			2			1	3			
		75 X 75	15 C			1	1			2			
		75 X 100	18 C			2	1	1		4			
		100 X 100	20 C				1			1			
										44	165.5	92	
13-04	Y	15 X 15	3 C			7	7	2	2	18			EST. 70% PYRITE (10% OF ALL PYRITE
		25 X 25	5 C			22	15	2	1	40			GRAINS ARE YELLOW STAINED.
		25 X 50	8 C			36	9	3	2	50			
		25 X 75	10 C			4		4		8			
		25 X 100	13 C						1	1			
		50 X 50	10 C		1	8	3	3	4	19			
		50 X 75	13 C		2	4	4	5	2	17			
		50 X 100	15 C			1			1	2			
		50 X 125	18 C				1		1	2			
		75 X 75	15 C			3	1	1		5			
		75 X 100	18 C			3		2	1	6			
		75 X 125	20 C					2		2			
		75 X 150	22 C		1					1			
		75 X 175	25 C			1				1			
		100 X 100	20 C					1		1			
		100 X 175	27 C				1			1			
		125 X 150	27 C				1			1			
										175	167.9	279	
13-05	Y	15 X 15	3 C				4	2	2	8			EST. 70% PYRITE (10% OF THE PYRITE
		25 X 25	5 C			13	7		4	24			IS YELLOW STAINED)
		25 X 50	8 C			20	6	2		28			
		25 X 75	10 C	1		6	1			8			THE MODIFIED NATURE OF THE GOLD
		25 X 100	13 C			1	2	2		5			GRAINS HAS BEEN CONFIRMED BY SEM.
		50 X 50	10 C			11	3	4	1	19			
		50 X 75	13 C		2	11				13			
		50 X 100	15 C			1				1			
		50 X 125	18 C			1				1			
		75 X 75	15 C			1				1			
		75 X 100	18 C				1	2		3			
		75 X 125	20 C					1		1			
		100 X 100	20 C			1				1			
										113	192.2	120	
13-06	Y	15 X 15	3 C			2		1		3			EST. 90% PYRITE
		25 X 25	5 C			9	4	2		15			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURR2MAR.WR2

TOTAL # OF PANNINGS 20

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
RR-94													
		25 X 50	8 C			11	3	5	1	20			
		25 X 75	10 C			4	1	4	1	10			
		25 X 100	13 C			2	1			3			
		50 X 50	10 C			3		3		6			
		50 X 75	13 C	1	1	8	1	6	1	18			
		50 X 100	15 C				1			1			
		75 X 75	15 C					1		1			
		75 X 100	18 C			2			1	3			
		75 X 125	20 C				1			1			
		75 X 150	22 C			1		1		2			
		75 X 175	25 C				1			1			
		75 X 200	27 C			1				1			
		100 X 100	20 C			2				2			
		125 X 150	27 C					1		1			
		200 X 250	125 M			1				1			
		250 X 300	100 M			1				1			
										90	214.1	657	

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURR3MAR.WR2

TOTAL # OF PANNINGS 13

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS: RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
RR-94													
13-07	Y	15 X 15	3 C			3	1	3	1	8			EST. 90% PYRITE
		25 X 25	5 C			19	5	6	3	33			
		25 X 50	8 C			26	5	10	5	46			
		25 X 75	10 C			1	1	4		6			
		25 X 100	13 C			1	1			2			
		25 X 125	15 C			1				1			
		50 X 50	10 C			4	1	5	1	11			
		50 X 75	13 C	1		12	1	10	1	25			
		50 X 100	15 C			2		1	1	4			
		50 X 125	18 C				1	1	2	4			
		50 X 150	20 C			1			1	2			
		75 X 75	15 C			2				2			
		75 X 100	18 C			2		2		4			
		100 X 100	20 C	1		1				2			
		100 X 125	22 C			1				1			
		100 X 200	29 C				1			1			
		125 X 175	29 C			1				1			
		150 X 275	75 M				1			1			
										154	218.6	338	
14-01	Y	15 X 15	3 C					1		1			EST. 70% PYRITE,
		25 X 25	5 C			1		1	1	3			1000 GR. GALENA.
		25 X 50	8 C			4	2	3	1	10			
		25 X 75	10 C			4	1	1		6			
		25 X 100	13 C			1		1		2			
		50 X 75	13 C	2		5	3	1		11			
		50 X 100	15 C			1		1		2			
		50 X 125	18 C			1				1			
		75 X 100	18 C			2				2			
		75 X 125	20 C			1				1			
		75 X 150	22 C			2				2			
		125 X 200	31 C					1		1			
										42	134.9	172	
15-01	Y	15 X 15	3 C			1				1			EST. 60% PYRITE,
		25 X 25	5 C			2	1	1		4			2000 GR. GALENA.
		25 X 50	8 C			1		2	1	4			
		25 X 75	10 C					1		1			
		50 X 50	10 C			1				1			
		50 X 75	13 C			2		1		3			
		100 X 150	25 C			1				1			
		100 X 275	36 C					1		1			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURR3MAR.WR2
TOTAL # OF PANNINGS 13

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
RR-94										16	63	227	
16-01	Y	25 X 25	5 C					3	1	4			EST. 80% PYRITE
		25 X 50	8 C	1				1		2			
		25 X 75	10 C					1		1			
		50 X 75	13 C					1		1			
										8	62.1	13	
17-01	Y	25 X 75	10 C			1				1			EST. 20% PYRITE
										1	13.2	15	
18-01	Y	15 X 15	3 C	1		1				2			EST. 60% PYRITE
		25 X 25	5 C	2	1	2	1	2		8			
		25 X 50	8 C	2		2	1	1		6			
		25 X 75	10 C					1		1			
		25 X 125	15 C		1					1			
		75 X 125	20 C		1					1			
		100 X 150	25 C	1						1			
										20	23.5	252	
19-01	Y	25 X 25	5 C	1						1			EST. 70% PYRITE
		25 X 50	8 C		1					1			
		50 X 50	10 C			1				1			
		50 X 75	13 C	1		1				2			
		75 X 75	15 C	1	1	1				3			
										8	109	27	
19-02	Y	15 X 15	3 C	1						1			EST. 80% PYRITE
		25 X 25	5 C	1		1	1			3			
		25 X 50	8 C	2	1	2				5			
		25 X 75	10 C	1		2				3			
		25 X 100	13 C				1			1			
		50 X 75	13 C			2				2			
		75 X 100	18 C			1				1			
										16	138.2	23	
20-01	Y	25 X 125	15 C			1				1			EST. 60% PYRITE, 1000 GR. W-CARBIDE.
										1	20.6	31	

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURR3MAR.WR2
TOTAL # OF PANNINGS 13

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
RR-94													
20-02	Y	25 X 25	5 C			1	1	1	1	4			EST. 80% PYRITE,
		25 X 50	8 C			4	1	1	1	7			1000 GR. W-CARBIDE.
		25 X 75	10 C			1			1	2			
		50 X 50	10 C			1		1		2			
		50 X 75	13 C			1		1	1	3			
		50 X 125	18 C			1		1		2			
		50 X 150	20 C					1		1			
		75 X 75	15 C					1	1	2			
										23	71.6	103	
20-03	Y	25 X 50	8 C			3	1	3	1	8			EST. 60% PYRITE,
		50 X 50	10 C			1	1			2			1000 GR. W-CARBIDE.
		50 X 75	13 C			1	1			2			
		75 X 125	20 C			1				1			
										13	24.6	133	
20-04	Y	25 X 25	5 C			2				2			EST. 20% PYRITE,
		25 X 50	8 C			3				3			1000 GR. W-CARBIDE.
										5	9.9	30	
20-05	Y	25 X 25	5 C			3				3			EST. 50% PYRITE,
		75 X 200	27 C			1				1			1000 GR. W-CARBIDE.
		125 X 200	31 C			1				1			10 GR. NATIVE Cu (UP TO 3 MM).
										5	26	390	

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

NUS91APR.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
S940									
02-1622	0	0	0	0	6.0	0	0	0	0
02-2231	0	0	0	0	2.1	0	0	0	0
02-3140	4	0	0	4	14.2	27	0	0	27
02-4045	2	1	1	0	49.4	3	2	2	0
02-4549	0	0	0	0	18.4	0	0	0	0
02-4955	0	0	0	0	1.0	0	0	0	0
04-8388	0	0	0	0	1.0	0	0	0	0
04-8894	0	0	0	0	0.4	0	0	0	0
04-9499	1	1	0	0	3.2	25	25	0	0
06-99104	0	0	0	0	2.0	0	0	0	0
06-0612	1	1	0	0	9.2	9	9	0	0
07-1718	1	1	0	0	4.1	20	20	0	0
07-1819	0	0	0	0	1.4	0	0	0	0
07-1920	0	0	0	0	2.0	0	0	0	0
08-4952	0	0	0	0	12.7	0	0	0	0
10-2326	3	0	3	0	72.8	7	0	7	0
10-2628	62	0	56	6	71.7	838	0	808	30
11-1626	1	0	1	0	2.4	80	0	80	0
13-6567	6	1	2	3	57.3	88	37	33	18
13-6769	1	0	1	0	36.5	58	0	58	0
15-8690	29	7	14	8	32.2	613	84	488	42
15-9094	25	2	14	9	21.8	15399	50	298	15051
16-8184	15	0	12	3	58.6	23	0	19	4
16-8487	18	3	13	2	75.4	22	3	12	6
18-6466	17	1	16	0	16.6	363	12	351	0
18-6669	12	10	2	0	2.8	1657	1619	38	0
19-6064	10	2	7	1	18.0	85	40	34	11
19-9467	5	1	3	1	9.3	300	3	70	228
20-9096	15	6	9	0	105.8	51	22	28	0
20-96116	0	0	0	0	22.8	0	0	0	0

NUS91APR.WR2 OVERBURDEN DRILLING MANAGEMENT LIMITED

TOTAL # OF SAMPLES IN THIS REPORT = 30

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)						DESCRIPTION												CLASS
						M. I. CONC				CLAST					MATRIX							
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG		SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	OR	
S940																						
02-1622	8.0	4.7	3.4	189.9	179.1	10.8	6.0	4.8	C	50	50	0	NA	U	+	Y	-	B	BN	N	TILL
02-2231	7.4	5.4	1.9	224.4	220.6	3.8	2.1	1.7	C	50	50	0	NA	S	M,C	-	-	B	GB	N	GRAVEL
02-3140	2.7	0.7	2.1	138.8	117.4	21.4	14.2	7.2	C	90	10	0	NA	U	+	Y	Y	GG	GG	N	TILL
02-4045	8.9	0.6	8.3	409.7	342.5	67.2	49.4	17.8	C	45	55	0	NA	S	M,C	-	-	LOC	LOC	N	SAND/GRAV.
02-4549	3.3	0.9	2.4	270.9	248.1	22.8	18.4	4.4	P	50	45	5	NA	S	M,C	NA	NA	LOC	NA	N	GRAVEL
02-4955	2.0	1.6	0.3	96.2	94.5	1.7	1.0	0.7	C	60	40	0	NA	U	+	-	-	BN	BN	N	TILL
04-8388	5.2	3.7	1.5	139.3	138.0	1.3	1.0	0.3	P	55	45	0	NA	S	C	NA	-	BN	LOC	N	SAND/GRAV.
04-8894	6.6	5.6	1.0	69.5	69.0	0.5	0.4	0.1	C	50	50	0	NA	S	M,C	NA	-	GG	GG	N	SAND/GRAV.
04-9499	8.1	6.1	2.0	206.9	202.6	4.3	3.2	1.1	C	70	30	0	NA	U	+	-	Y	GG	GGLON		TILL
06-99104	8.8	7.0	1.8	197.7	194.7	3.0	2.0	1.0	C	65	35	0	NA	U	-	-	Y	BN	LOC	N	TILL
06-0612	4.6	1.5	3.1	244.9	233.6	11.3	9.2	2.1	C	65	35	0	NA	U	Y	Y	Y	LOC	LOC	N	TILL
07-1718	4.1	2.5	1.6	296.4	288.8	7.6	4.1	3.5	C	40	60	0	NA	S	M,C	-	Y	MOC	MOC	N	SAND/GRAV.
07-1819	2.9	1.6	1.3	262.0	259.5	2.5	1.4	1.1	C	50	50	0	NA	S	M,C	-	-	LOC	LOC	N	GRAVEL
07-1920	2.1	1.5	0.5	123.6	120.2	3.4	2.0	1.4	C	50	50	0	NA	U	+	-	Y	B	GB	N	TILL
08-4952	6.6	4.5	2.1	266.3	251.5	14.8	12.7	2.1	C	90	10	0	NA	U	Y	Y	Y	GY	GY	N	TILL
10-2326	6.3	2.2	4.1	375.0	291.8	83.2	72.8	10.4	C	100	0	0	NA	U	-	-	-	GY	B	N	TILL
10-2628	5.5	2.9	2.6	345.2	258.2	87.0	71.7	15.3	C	95	5	0	NA	U	Y	-	Y	GY	GY	N	TILL
11-1626	5.1	3.5	1.6	173.5	170.0	3.5	2.4	1.1	C	60	40	0	NA	U	+	-	-	GN	BN	N	TILL
13-6557	5.0	1.3	3.7	393.5	332.1	61.4	57.3	4.1	C	75	25	0	NA	S	C	-	Y	GB	GB	N	GRAVEL
13-6769	6.7	4.5	2.2	209.3	171.5	37.8	36.5	1.3	C	90	10	0	NA	S	M,C	-	Y	GB	GB	N	SAND/GRAV.
15-8690	6.0	0.2	5.8	258.4	222.0	36.4	32.2	4.2	P	95	5	0	NA	U	+	-	+	GB	GB	N	TILL
15-9094	6.9	3.5	3.4	262.0	238.2	23.8	21.8	2.0	C	100	TR	0	NA	U	+	-	+	GY	GY	N	TILL
16-8184	4.8	1.0	3.8	204.2	144.6	59.6	58.6	1.0	P	95	5	TR	NA	U	+	Y	+	GY	GB	N	TILL
16-8487	4.6	2.2	2.4	224.1	147.8	76.3	75.4	0.9	C	100	TR	0	NA	U	+	-	+	GY	GY	N	TILL
18-6466	3.6	1.0	2.6	178.9	159.3	19.6	16.6	3.0	C	80	20	0	NA	U	+	Y	+	GB	GB	N	TILL
18-6669	2.7	1.8	0.9	163.7	153.3	10.4	2.8	7.6	C	85	15	0	NA	S	M	-	-	B	B	N	SAND
19-6064	5.0	1.2	3.9	229.7	209.6	20.1	18.0	2.1	P	90	10	0	NA	U	Y	Y	+	GB	GB	N	TILL
19-9467	4.6	1.0	3.6	193.7	183.3	10.4	9.3	1.1	P	95	5	0	NA	U	+	Y	+	GB	GB	N	TILL
20-9096	9.2	0.0	9.2	519.1	400.6	118.5	105.8	12.7	NA	NA	NA	NA	NA	S	F,M	Y	Y	GB	GB	N	SAND
20-96116	4.4	2.4	2.0	362.8	337.2	25.6	22.8	2.8	C	95	5	0	NA	U	+	-	-	GBGNGB		N	TILL/BDK

GOLD CLASSIFICATION
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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NUS91APR.WR2 NUMBER OF GRAINS
TOTAL # OF PANNINGS 15

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
S940												
02-1622	N	NO VISIBLE GOLD										
02-2231	N	NO VISIBLE GOLD										
02-3140	Y	25 X 25	5 C						1	1		NO SULPHIDES
		25 X 30	8 C					2		2		
		50 X 50	10 C					1		1		
										4	14.3	87
02-4045	N	25 X 50	8 C	1		1				2		
										2	49.4	3
02-4549	N	NO VISIBLE GOLD										
02-4955	N	NO VISIBLE GOLD										
04-8388	N	NO VISIBLE GOLD										
04-8894	N	NO VISIBLE GOLD										
04-9499	N	25 X 50	8 C	1						1		
										1	1.2	25
04-99104	N	NO VISIBLE GOLD										
06-0612	N	25 X 50	8 C	1						1		
										1	9.2	9
07-0718	N	25 X 50	8 C	1						1		
										1	4.1	20
07-1819	N	NO VISIBLE GOLD										
07-1920	N	NO VISIBLE GOLD										
08-4952	Y	NO VISIBLE GOLD										EST. 90% PYRITE, 1% W-CARBIDE.
10-2326	Y	25 X 25	5 C			1				1		EST. 90% PYRITE
		25 X 50	8 C			1				1		
		25 X 100	13 C					1		1		

GOLD CLASSIFICATION
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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NUS91APR.WR2
TOTAL # OF PANNINGS 15

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
S940													
										3	72.8	7	
10-2628	Y	25 X 25	5 C			6	1		1	8			EST. 90% PYRITE
		25 X 50	8 C			14	5		1	20			
		25 X 75	10 C			1				1			VG MOUNTED ON SEM STUB
		25 X 100	13 C				1			1			
		25 X 125	15 C					1		1			
		50 X 50	10 C			6	1			7			
		50 X 75	13 C			2	4	2		8			
		50 X 100	15 C			4	1	1		6			
		50 X 125	18 C				1			1			
		75 X 100	50 M				1			1			
		75 X 125	20 C				1			1			
		75 X 175	25 C				1			1			
		75 X 225	29 C			1				1			
		100 X 125	22 C				1			1			
		100 X 200	29 C				1			1			
		100 X 300	38 C				1			1			
		150 X 200	34 C			1				1			
		150 X 225	36 C				1			1			
										62	71.7	838	
11-1626	N	25 X 75	10 C			1				1			
										1	2.4	80	
13-3567	Y	25 X 25	5 C					1	1	2			EST. 90% PYRITE
		50 X 75	13 C			1				1			
		75 X 100	18 C						1	1			
		75 X 125	20 C			1				1			
		100 X 125	22 C		1					1			
										6	57.3	88	
13-6769	Y	50 X 175	22 C			1				1			EST. 90% PYRITE
										1	36.5	58	
15-8690	Y	25 X 25	5 C				1		2	3			EST. 90% PYRITE
		25 X 50	8 C			1	1		2	4			
		25 X 75	10 C	2		1			1	4			VG MOUNTED ON SEM STUB
		25 X 100	13 C				1			1			
		25 X 125	15 C				1			1			

GOLD CLASSIFICATION
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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NU591APR.WR2 NUMBER OF GRAINS
TOTAL # OF PANNINGS 15

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
S940													
		50 X 50	10 C	1		1		1		3			
		50 X 75	13 C	2	1	3		1	1	8			
		50 X 125	18 C	1						1			
		50 X 175	22 C				2			2			
		75 X 100	18 C			1				1			
		125 X 225	34 C				1			1			
										89	32.8	613	
15-9094	Y	15 X 15	3 C				1		2	3			EST. 90% PYRITE
		25 X 25	5 C			2	2	3	1	8			
		25 X 50	8 C		1			1		2			
		25 X 75	10 C			2				2			
		50 X 50	10 C			2				2			
		50 X 75	13 C			1	1			2			
		50 X 100	15 C			1				1			
		75 X 100	18 C	1						1			
		75 X 175	25 C					1		1			
		100 X 125	22 C			2				2			
		450 X 625	150 M						1	1			
										25	21.9	15399	
16-8184	Y	25 X 25	5 C			5	2	2		9			EST. 90% PYRITE
		25 X 50	8 C			2				2			
		25 X 75	10 C			1		1		2			
		25 X 100	13 C				1			1			
		50 X 50	10 C				1			1			
										15	58.6	23	
16-8487	Y	25 X 25	5 C			4	1			5			EST. 90% PYRITE
		25 X 50	8 C	2		6	1	1		10			
		25 X 75	10 C			1				1			
		50 X 50	10 C	1						1			
		50 X 75	13 C						1	1			
										18	75.4	22	
18-6466	Y	25 X 25	5 C			2	2			4			EST. 15% PYRITE
		25 X 50	8 C			2	2			4			
		25 X 75	10 C			1	1			2			
		25 X 100	13 C			1	1			2			
		50 X 50	10 C	1						1			
		50 X 75	13 C			1	1			2			

GOLD CLASSIFICATION
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VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NU591APR.WR2
TOTAL # OF PANNINGS 15

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
5940													
		50 X 100	15 C			1				1			
		75 X 175	25 C			1				1			
										17	16.6	363	
18-6669	Y	25 X 25	5 C	2	1	1				4			EST. 80% PYRITE
		25 X 50	8 C	3	1	1				5			
		25 X 75	10 C	1						1			
		50 X 50	10 C		1					1			
		75 X 125	50 M	1						1			
										12	2.8	1657	
19-6064	Y	15 X 15	3 C			1				1			EST. 80% PYRITE
		25 X 25	5 C			2	1			3			
		25 X 50	8 C	1		2				3			
		25 X 75	10 C					1		1			
		50 X 75	13 C			1				1			
		75 X 75	15 C	1						1			
										10	18	85	
19-6467	Y	25 X 25	5 C	1						1			EST. 80% PYRITE
		25 X 50	8 C			1				1			
		25 X 75	10 C			1				1			
		50 X 75	13 C				1			1			
		75 X 150	22 C					1		1			
										5	9.3	300	
20-9096	Y	25 X 25	5 C	2		3				5			EST. 10% PYRITE
		25 X 50	8 C	1		3				4			
		25 X 75	10 C	1		1				2			VG MOUNTED ON SEM STUB
		50 X 75	13 C			1				1			
		75 X 100	18 C	1	1					2			
		100 X 125	22 C			1				1			
										15	105.8	51	
20-9610	N	NO VISIBLE GOLD											EST. 40% PYRITE

NURP1MAR.WR2 OVERBURDEN DRILLING MANAGEMENT LIMITED
TOTAL # OF SAMPLES IN THIS REPORT = 27

LABORATORY SAMPLE LOG

SAMPLE NO.	WEIGHT (KG.WET)			WEIGHT (GRAMS DRY)					DESCRIPTION											CLASS
						M. I. CONC			CLAST					MATRIX						
	TABLE SPLIT	+10 CHIPS	TABLE FEED	TABLE CONC	M.I. LIGHTS	CONC. TOTAL	NON MAG	MAG	SIZE	% V/S	% GR	% LS	% OT	S/U	SD	ST	CY	COLOR SD	COLOR CY	OR	
RP-94																					
01-01	7.4	2.8	4.6	191.8	179.1	12.7	9.1	3.6	C	95	5	0	NA	U	+	Y	-	B	B	N	TILL
01-02	9.7	3.8	5.9	279.5	268.2	11.3	6.4	4.9	C	95	5	0	NA	U	+	-	-	B	B	N	TILL
01-03	9.9	4.1	5.8	262.4	249.5	12.9	7.4	5.5	C	95	5	0	NA	U	+	-	-	B	B	N	TILL
01-04	10.3	4.3	6.0	260.2	253.2	7.0	3.8	3.2	C	95	5	0	NA	U	+	Y	-	B	B	N	TILL
01-05	5.9	2.7	3.2	116.8	105.8	11.0	7.0	4.0	C	95	5	0	NA	U	+	Y	-	B	B	N	TILL
02-01	5.6	3.1	2.6	164.5	159.5	5.0	2.4	2.6	C	95	5	0	NA	U	+	-	-	B	B	N	TILL
02-02	5.6	2.6	3.0	126.7	121.8	4.9	3.0	1.9	C	95	5	0	NA	U	+	-	-	B	B	N	TILL
02-03	8.9	3.0	6.0	377.5	371.4	6.1	4.4	1.7	C	95	5	0	NA	U	+	-	-	B	B	N	TILL
03-01	7.9	1.9	6.0	286.4	240.1	46.3	38.2	8.1	C	95	5	0	NA	U	+	-	-	BN	BK	N	TILL
03-02	2.5	0.6	1.9	318.9	309.7	9.2	6.4	2.8	C	50	50	0	NA	U	+	-	-	BN	BK	N	TILL
04-01	3.2	1.3	1.9	223.2	203.3	19.9	16.6	3.3	C	65	35	0	NA	U	+	-	-	GN	GN	N	TILL
05-01	9.0	2.4	6.6	339.6	294.8	44.8	27.4	17.4	C	15	85	TR	NA	U	+	-	-	B	B	N	TILL
05-02	5.7	2.5	3.2	234.8	223.3	11.5	6.4	5.1	C	15	85	0	NA	U	+	-	-	B	B	N	TILL
06-01	4.4	0.9	3.5	249.9	210.3	39.6	23.3	16.3	C	0	100	TR	NA	U	+	-	-	B	GB	N	TILL
07-01	8.6	4.6	4.0	288.9	271.8	17.1	8.6	8.5	C	10	90	TR	NA	U	+	-	-	B	B	N	TILL
07-02	6.8	2.8	4.0	383.2	349.5	33.7	14.7	19.0	C	10	90	TR	NA	U	+	-	N	B	GB	N	TILL
08-01	6.8	2.6	4.2	379.2	331.8	47.4	23.9	23.5	C	5	95	TR	NA	U	+	-	-	B	GB	N	TILL
08-02	7.8	3.3	4.5	297.4	244.9	52.5	23.0	29.5	C	5	95	0	NA	U	+	-	N	B	GB	N	TILL
08-03	9.5	2.6	6.9	409.4	331.2	78.2	32.6	45.6	C	5	95	0	NA	U	+	-	-	B	GB	N	TILL
08-04	4.0	1.4	2.7	207.4	175.9	31.5	11.1	20.4	C	5	95	0	NA	U	+	-	-	B	GB	N	TILL
09-01	9.2	4.2	5.0	411.6	386.3	25.3	12.7	12.6	C	5	95	TR	NA	U	+	-	-	B	B	N	TILL
09-02	9.2	4.2	5.0	406.2	390.6	15.6	8.4	7.2	C	5	95	0	NA	U	+	-	-	B	GB	N	TILL
09-03	8.0	3.2	4.9	316.9	282.6	34.3	16.6	17.7	C	5	95	0	NA	U	+	-	-	B	GB	N	TILL
09-04	5.0	1.6	3.4	221.8	189.2	32.6	13.8	18.8	C	5	95	0	NA	U	+	-	-	B	GB	N	TILL
10-01	8.3	2.1	6.2	367.9	348.7	19.2	13.3	5.9	C	15	15	70	NA	U	Y	Y	Y	B	B	N	TILL
10-02	9.6	3.6	6.0	355.3	298.9	56.4	39.7	16.7	C	60	40	0	NA	U	+	-	N	GN	B	N	TILL
11-01	8.5	4.3	4.2	346.5	335.7	10.8	8.9	1.9	C	90	10	0	NA	U	+	-	-	B	GB	N	TILL

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

NURP1MAR.WR2

Sample No.	Number of Visible Gold Grains				Non-Mag Weight	Calculated PPB Visible Gold			
	Total	Reshaped	Modified	Pristine		Total	Reshaped	Modified	Pristine
RP-94									
01-01	3	3	0	0	9.1	39	39	0	0
01-02	3	3	0	0	6.4	117	117	0	0
01-03	3	2	1	0	7.4	102	52	50	0
01-04	2	2	0	0	3.8	43	43	0	0
01-05	3	0	3	0	7.0	279	0	279	0
02-01	1	1	0	0	2.4	267	267	0	0
02-02	2	2	0	0	3.0	66	66	0	0
02-03	1	1	0	0	4.4	85	85	0	0
03-01	9	5	4	0	38.2	52	20	32	0
03-02	1	1	0	0	6.4	13	13	0	0
04-01	1	1	0	0	16.6	12	12	0	0
05-01	12	0	10	2	27.4	40	0	30	10
05-02	2	2	0	0	6.4	62	62	0	0
06-01	1	1	0	0	23.3	16	16	0	0
07-01	0	0	0	0	8.6	0	0	0	0
07-02	1	1	0	0	14.7	25	25	0	0
08-01	1	1	0	0	23.9	3	3	0	0
08-02	3	1	2	0	23.0	13	4	9	0
08-03	9	1	4	4	32.6	65	6	19	40
08-04	1	1	0	0	11.1	91	91	0	0
09-01	1	0	1	0	12.7	6	0	6	0
09-02	1	1	0	0	8.4	44	44	0	0
09-03	1	0	0	1	16.6	5	0	0	5
09-04	5	4	1	0	13.8	55	53	2	0
10-01	1	0	1	0	13.3	0	0	0	0
10-02	3	2	1	0	39.7	84	74	9	0
11-01	1	1	0	0	8.9	72	72	0	0

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURP1MAR.WR2
TOTAL # OF PANNINGS 6

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS: RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
RP-94													
01-01	N	25 X 50	8 C	2						2			
		50 X 50	10 C	1						1			
										3	9.1	39	
01-02	N	25 X 25	5 C	1						1			
		25 X 50	8 C	1						1			
		50 X 100	15 C	1						1			
										3	6.4	117	
01-03	N	50 X 50	10 C	2						2			
		50 X 75	13 C			1				1			
										3	7.4	102	
01-04	N	25 X 50	8 C	2						2			
										2	3.8	43	
01-05	N	25 X 50	8 C			1				1			
		50 X 75	13 C			1				1			
		100 X 100	20 C			1				1			
										3	7	279	
02-01	N	75 X 75	15 C	1						1			
										1	2.4	267	
02-02	N	15 X 15	3 C	1						1			
		50 X 50	10 C	1						1			
										2	3	66	
02-03	N	50 X 75	13 C	1						1			
										1	4.4	85	
03-01	Y	25 X 25	5 C	1		1				2			EST. 5% PYRITE
		25 X 50	8 C	2						2			
		25 X 75	10 C			1				1			
		50 X 50	10 C		1					1			
		50 X 75	13 C	1		1				2			
		50 X 100	15 C			1				1			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURP1MAR.WR2
TOTAL # OF PANNINGS 6

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS: RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
RP-94													
										9	38.2	52	
03-02	N	25 X 50	8 C	1						1			
										1	6.4	13	
04-01	Y	25 X 75	10 C	1						1			EST. 35% PYRITE
										1	16.6	12	
05-01	Y	25 X 25	5 C			3	2			5			EST. 1% PYRITE
		25 X 50	8 C			2	2	1		5			
		25 X 75	10 C					1		1			
		50 X 75	13 C			1				1			
										12	27.4	40	
05-02	N	25 X 25	5 C	1						1			
		50 X 75	13 C	1						1			
										2	6.4	62	
06-01	N	50 X 75	13 C	1						1			OBSERVED 1 NATIVE Cu GR. ((50 uM)
										1	23.3	16	
07-01	N	NO VISIBLE GOLD											
07-02	N	50 X 75	13 C	1						1			
										1	14.7	25	
08-01	N	25 X 50	8 C	1						1			OBSERVED 8 NATIVE Cu GR. ((75 uM)
										1	23.9	3	
08-02	N	25 X 25	5 C			1				1			OBSERVED 3 NATIVE Cu GR. ((50 uM)
		25 X 50	8 C	1						1			
		50 X 50	10 C			1				1			
										3	23	13	
08-03	Y	25 X 25	5 C					1		1			EST. 1% PYRITE
		25 X 50	8 C			3		1		4			

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NURPIMAR.WR2
TOTAL # OF PANNINGS 6

SAMPLE #	PANNED Y/N	DIAMETER	THICKNESS	NUMBER OF GRAINS RESHAPED T	RESHAPED P	MODIFIED T	MODIFIED P	PRISTINE T	PRISTINE P	TOTAL	NON MAG GMS	CALC V.G. ASSAY PPB	REMARKS
RP-94													
		25 X 75	10 C		1					1			
		50 X 50	10 C					1		1			
		50 X 75	13 C			1				1			
		75 X 100	18 C						1	1			
										9	32.6	65	
08-04	N	75 X 100	18 C	1						1			
										1	11.1	91	
09-01	N	25 X 50	8 C			1				1			
										1	12.7	6	
09-02	N	50 X 75	13 C	1						1			OBSERVED 3 NATIVE Cu GR.
										1	8.4	44	
09-03	N	25 X 50	8 C					1		1			OBSERVED 4 NATIVE Cu GR.
										1	16.6	5	
09-04	Y	25 X 25	5 C			1				1			EST. 0.1% PYRITE
		25 X 50	8 C	2						2			
		50 X 50	10 C	1						1			
		50 X 75	13 C	1						1			
										5	13.8	55	
10-01	N	15 X 15	3 C			1				1			
										1	13.3	0	
10-02	Y	25 X 50	8 C	1						1			EST. 6% PYRITE,
		50 X 75	13 C			1				1			10 NATIVE Cu GR. ((2 ■■).
		75 X 100	50 M	1						1			
										3	39.7	84	
11-01	N	50 X 100	15 C	1						1			
										1	8.9	72	

Appendix VI
Bedrock Chip Microcsope Logs

SAMPLE NUMBER	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				NAME
					Silicates	Carbonates	Sulphides	Other	
RR-94 01-07	Dark green	Semi-quenched. Massive to weakly foliated. Weakly and patchily brittle-shear brecciated	0.1	Equigranular interlocking	Subequal green chlorite and retrograded plag.	Nil	Variable 0-10% (average 1%) dissem. coarse euhedral xlline py. (conc. in breccia matrix) -replaced	3-5% finely peppered magnetite	BASALT
02-03	Pale grey-green	Unquenched. Moderately foliated. Weakly shear-fractured	Groundmass 0.1-0.3; Qtz + plag. phenos 0.5-5	Quartz- and feld. phyric with inequigranular interlocking groundmass. Plag. phenos sub to anhedral	3% blue qtz phenos; 2% plag phenos; 95% groundmass, feldspathic, not hard: -70-80% plag; -10-20% qtz; -10% chlorite	Nil	0.1% unevenly dissem. xlline py.	No Fe/Ti oxide	DACITE/ ANDESITE
03-02	Pale grey-green with few buff to pink bleached zones	Unquenched. Variable weakly foliated to semi-schistose	Groundmass 0.1-0.3; Qtz + plag. phenos 0.5-3	Quartz and feldspar-phyric with inequigranular interlocking groundmass. Plag. phenos subhedral	3% each plag + blue qtz phenos. 95% feldspathic groundmass, not hard: -70-80% plag; -10-20% qtz; -10% chlorite (locally sericite)	<0.5% fracture-hosted calcite	0.1% dissem. xlline f.g. pyrite concentrated in schistose portions of rock	No Fe/Ti oxide	DACITE/ ANDESITE
04-03	Bleached buff grey and spotted w. secondary limonite stain	Unquenched. Schistose. Moderately sheared. Some qtz phenos broken, plag. phenos largely destroyed)	Groundmass 0.1-0.3 where not crushed; Qtz + plag phenos 0.5-3	Quartz and feldspar-phyric with inequigranular interlocking groundmass. Variably overprinted by shear-crushing.	3% blue qtz phenos. <1% surviving plag. phenos. 95% feldspathic groundmass not hard: -70-80% plag. -10% qtz -10% sericite -2% chlorite; trace	3% unevenly dissem. calcite (outlined by limonite spots); (0.05%) tourmaline	Nil	No Fe/Ti oxide	DACITE/ ANDESITE
05-02	Bleached pale buff-grey, locally spotted ochre with secondary limonite	Primary structure destroyed. Schistose + lineated + crenulated. Strongly sheared with tectonic groundmass, penetrative schistosity	Tectonic groundmass 0.05-0.1; Qtz phenos 0.5-5	Qtz + feld.-phyric with secondary tectonic groundmass. Few surviving plag. phenos but qtz intact.	3% blue qtz phenos; <1% surviving plag. phenos; 95% feldspathic tectonic groundmass, not hard: -20% sericite; -1% new chlorite; -70% qtz. plag.; -<20% qtz; -0.1% tourmaline	Trace fracture-hosted Fe/Mg carbonate	Nil	No Fe/Ti oxide	DACITE/ ANDESITE

SAMPLE NUMBER	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				NAME
					Silicates	Carbonates	Sulphides	Other	
RR-94 06-04	Bleached pale ash grey.	Primary structure destroyed. Schistose, slightly lineated. Very strongly sheared with tectonic groundmass and island clasts of blue qtz. representing fragments of former phenos.	Tectonic groundmass 0.05-0.1 Qtz phenos fragments 0.3-0.5 Chloritoid metacrysts 0.5-0.8	Formerly qtz-phyric and probably plag. phyric, now a secondary tectonic groundmass with cluster fragments of blue qtz. phenos. and no surviving plag. phenos.	1% fragments of blue qtz phenos. 94% tectonic groundmass, feldspathic, not hard: -30-40% sericite -50% alt. plag. -<20% qtz. -0-80% (4% overall) chloritoid metacrysts	<0.5% fracture + veinlet-hosted Fe/Mg carb.	0.1% f.g. dissem. xlline to sugary stringer py.	No Fe/Ti oxide	DACITE / ANDESITE
RR-94 07-02	Bleached buff grey green and secondary limonite stain	Unquenched; schistose; moderately sheared. Some broken quartz phenos; plag. phenos nearly extinct.	Groundmass: 0.1-0.3mm (where not crushed) Qtz & Plag phenos 0.5 to 3.0mm	Quartz and feldspar phyric with inequigranular interlocking groundmass. Gmass mainly crushed few surviving plagioclase phenocrysts	3% blue quartz <1% plag phenos 96% feldspathic groundmass (not hard) -15% sericite -5% chlorite -10-15% qtz -<5% plagioclase	Nil	Nil	No Fe/Ti oxide	DACITE / ANDESITE
RR-94 08-02	Bleached pale buff-grey; peppered green by new chlorite.	Unquenched. Moderately but pervasively brittle-shear-fractured, strongly altered chlorite but plag unaltered	Primary groundmass 0.2-0.5 Qtz. phenos 0.5-4	Strongly qtz.-phyric with inequigranular interlocking groundmass. (lack of contrast between phenos & gmass. suggests porphyry not flow)	8-10% blue qtz. phenos 90% quartz-feldspathic groundmass = -30% qtz., mostly blue -60-70% plag. -10% sericite mostly on fractures -5% new green chlorite -0.5% tourmaline	Trace fracture-hosted Fe/Mg carb. fracture (rarely chloritoid)	0.5% dissem. xlline py.	1% brown amorphous rutile spots	RHYOLITE or QUARTZ PORPHYRY
RR-94 09-06	greyish medium green	Unquenched; moderately sheared penetrative schistosity; near pervasive shear crushing	0.1mm chloritoid metacrysts 0.3 to 2mm	Equigranular interlocking overprinted by shear-crushing	40% chlorite 5% sericite 45-50% plagioclase 2% chloritoid	<1% calcite associated with limonite spots	0.1% disseminated finegrained pyrite	3-5% rutile (altering ilmenite)	BASALT
RR-94 10-03	Bleached pale buff-grey; peppered green by new chlorite.	Unquenched. Moderately + pervasively brittle shear-fractured. Chlorite completely alt. and but plag. not affected.	Primary groundmass 0.3-0.5 Qtz. phenos 0.5-3	Strongly qtz-phyric with equigranular interlocking groundmass. Groundmass coarse, may be porphyry not flow)	5-8% blue qtz. phenos. 90-95% quartzo-feldspathic groundmass = -20% qtz., mostly blue -60-70% plag. -8% new green chlorite -0.1% tourmaline -3% sericite, mostly on fractures	3% dissem. + fracture-hosted calcite	0.1% dissem. xlline py.	1% brown amorphous rutile	RHYOLITE or QTZ. PORPHYRY

SAMPLE NUMBER	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				NAME
					Silicates	Carbonates	Sulphides	Other	
RR-94 11-04	Pale buff-grey with secondary limonite stain in places	Primary structures destroyed. Strongly sheared penetrative schistosity. Very rare broken blue quartz phenos in tectonic groundmass.	rare qtz broken phenos 0.5 - 1.0 mm g.mass (tectonic) 0.05 to 0.1 mm chloritoid metacrysts 0.5 to 0.8 mm	Formerly quartz phyric and probably plag. phyric. Now secondary tectonic groundmass originally inequigranular interlocking - still barely visible in some chips	≤ 1% surviving qtz phenos Tectonic G.mass (98%) 30-35% sericite 50% altered plagioclase 3% chlorite (new) 1% tourmaline fibrous ≤1% chloritoid metacrysts. 5-10% qtz	Nil	0.5 to 1% py. mainly occurs in patches with chlorite and or chloritoid; occasionally with fibrous tourmaline	No Fe/Ti oxides	DACITE/ ANDESITE
RR-94 12-08	Pale ash grey (minor secondary limonite stain)	Strongly sheared. Anastomosing schistosity; crenulated in places. Surviving blue qtz phenos - stretched in places. Crushed tectonic groundmass. Rare plag phenos - anhedral hazy boundaries	rare qtz and surviving plag phenos: 0.5 to 2.5 mm mainly tectonic groundmass 0.01 to 0.1 mm	Weakly qtz and plag phyric with mainly tectonic groundmass. Original inequigranular interlocking visible in some chips	1-2% blue qtz phenos ≤1% surviving plag phenos 95% feldspathic g.mass (mainly tectonic) 30-35% sericite 50-65% plagioclase 10-15% qtz 3% chlorite	1% stringer calcite	2% py. peppered along schistosity, locally forming stringers. Trace galena & sphalerite assoc. with py. in places	No Fe/Ti oxides	DACITE/ ANDESITE
RR-94 13-08	Pale ash-buff grey	Unquenched. Strong brittle shearing pervasive micro fractures. Few chips are schistose (not penetrative)	blue qtz phenos rare plag phenos 0.5 to 2.0 mm groundmass 0.1 to 0.3	Predominantly inequigranular interlocking groundmass. Qtz and weakly plag phyric	2% blue qtz phenos ≤1% plag phenos 95% feldspathic groundmass 5% sericite 15% qtz 70-75% plagioclase	2-3% calcite infilling microfractures	3-4% finely disseminated and stringer py.	No Fe/Ti Oxides	DACITE/ ANDESITE
RR-94 14-02	Bleached pale buff-grey-green	Unquenched: strong brittle shearing; mostly crushed groundmass. Moderately pervasive carbonatization. Subschistose in places.	blue qtz and plag phenos 0.5 to 3.0 mm G.mass 0.1 to 0.3 mm where not crushed	Quartz phyric and plag phyric. Original inequigranular interlocking groundmass intact in some chips - mainly tectonic groundmass (secondary)	3% blue qtz phenos 2% plag phenos 95% feldspathic g.mass 8% sericite 7-10% chlorite 1% chloritoid metacrysts 60% plag 10-15% qtz Tr. tourmaline balance Fe/Mg carb	7-10% Fe/Mg carbonate pervasive in crushed zones	1% py. + po. (py > po.) primarily dissem. rare stringers		DACITE/ ANDESITE
RR-94 15-02	Bleached pale buff grey.	Primary structure destroyed. Very schistose due to strong penetrative shearing. Strongly altered (silicified)	Aphanitic (due to silicification) Pyrite grains 0.05-1.0	Aphanitic, silicified, dusted with dissem. py. No relict phenocrysts. Silicification gives hazy appearance.	80% qtz. + plag. (hard; silicified) 20% sericite	<0.5 fracture calcite	5% dissem. py.	No Fe/Ti oxide	PROTOLITH UNKNOWN, probably silicified DACITE/ ANDESITE

SAMPLE NUMBER	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				NAME
					Silicates	Carbonates	Sulphides	Other	
RR-94 16-02	Pale buff-grey	Primary structures destroyed. Very strongly sheared penetrative schistosity (crenulated); brittle shearing effects in places (lazy primary grains fractured)	Rare blue quartz phenos 3 to 2.5mm. Tectonic g.mass 0.05 to 0.1mm	Formerly qtz and probably plag phyric with inequigranular interlocking groundmass. Now tectonic. V. few surviving qtz phenos.	≤ 1% blue qtz phenos. 95% tectonic groundmass: 30-40% sericite, 50% plagioclase, 10-15% qtz	1% Fe/Mg carbonate (breccia infill)	4 to 5% disseminated pyrite	No Fe/Ti Oxides	DACITE/ ANDESITE
RR-94 17-02	Medium green	Unquenched. Well foliated, semi-schistose. Weakly sheared but moderately Fe/Mg carbonatized.	Primary groundmass 0.15. Qtz. phenos 0.5-0.7	Very slightly qtz. phyric with small, sparse qtz. phenos in equigranular interlocking groundmass.	<1% small qtz phenos. >99% groundmass = – 60% alt. plag. – 15% chlorite – 10% qtz (balance carb.)	15-20% dissem. + stringer Fe/Mg carb.	0.1% finely dissem. py.	No Fe/Ti oxides	ANDESITE
RR-94 18-02	Bleached pale buff-grey	Unquenched. Moderate penetrative shear schistosity. Strongly altered (carbonatized)	Primary groundmass 0.1-0.3. Qtz & feld phenos 1-2.5. Chloritoid metacrysts 0.3-0.4	Inequigranular interlocking groundmass, weakly qtz. and plag. phyric, strongly chloritoid metacrystic.	<1% blue qtz. phenos. <1% plag. phenos. 5% sericite along fractures. 5% chloritoid spots (variably mantled chlorite). 90% primary groundmass feldspathized, not hard = 50% plag + 10% quartz (balance carb).	30-40% dissem. Fe/Mg carb.	0.5% finely dissem. xlline py.	No Fe/Ti oxide	ANDESITE
RR-94 19-03	Dark grey-green to grey brown, stratified bracing with pyrite.	Primary structure destroyed. Schistose, tectonized, strongly sheared, metablastic, lineated.	Tectonic groundmass 0.05. Chloritoid metacrysts 0.3-1	Semi-aphanitic tectonic groundmass with subhedral chloritoid metacrysts	Subequal chlorite and altered plag. 10% chloritoid metacrysts. No qtz.	Nil	4% dissem. to mostly stringer py.	7% brown, near-amorphous rutile spots	BASALT
RR-94 20-06	Bleached buff to clay-altered olive green, overprinted by strong ochre red weathering	Unquenched but groundmass mainly tectonic. Schistose, strongly sheared!	Primary gmass = 0.15. Tectonic groundmass 0.05. Qtz. phenos to 3mm	Very weakly qtz.-phyric with mostly tectonic groundmass. Primary groundmass is equigranular.	<1% surviving blue qtz. phenos. 99% groundmass, mainly tectonic: – 30% sericite – 60% alt. plag. – 10% qtz.	Nil	0.2% dissem. cubic py, mostly limonitized	No Fe/Ti oxide	DACITE/ ANDESITE

SAMPLE NUMBER	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				NAME
					Silicates	Carbonates	Sulphides	Other	
RP-94 -01-06	Dark blue-gray	Massive, hornfelsic. Unsheared.	0.15-0.25	Equigranular interlocking welded hornfels; grains recryst. slightly coarser than in volc. protolith	30% vivid blue qtz. 55% plag. 15% hornblende + biotite (both present + both partly chloritized)	0.5% dissem. + fracture calcite	Nil	No Fe/Ti oxide	DACITE
-02-04	Dark blue-gray.	Massive to weakly foliated, hornfelsic. Unsheared.	Plag. phenos ±1.0; Primary groundmass 0.15-0.25; Recryst. plag/sugar 0.05	Weakly plag.-phyric with formerly equigranular interlocking groundmass; qtz. size slightly enhanced by thermal metamorphism and plag. partly recryst. to fine sugary grains	30% vivid blue qtz. 55% plag. 12-15% biotite (partly chloritized) 1% vague plag. phenos	2% dissem. + fracture calcite	Nil	0.2% finely dissem. ilmenite	DACITE
03-03	Pink hem.-stained with black flecks	Massive to weakly foliated. Granitoid. Unsheared.	0.3-1.5	Inequigranular interlocking. Granitoid.	65% plag. (clear albite + cloudy saussuritized) 25% hornblende (slightly chloritized, local actinolite) 5% blue quartz 2% epidote 1-2% leucoxene after sphene	Trace dissem. calcite	Nil	0.05% finely dissem, unevenly distributed Native Cu vaguely assoc. with incipient fractures. Light, pervasive red hem. stain.	DIORITE
04-02	Grey-white flecked dark green. Variably with red hem. stain.	Granitoid. Moderately foliated. Unsheared.	Plag. phenos 1.5-3; Groundmass 0.3-1	Granitoid, weakly plag.-phyric with equigranular interlocking groundmass.	5% plag. phenos; 95% groundmass: -70% plag. -5% green px. -20% hornblende, extensively alt. to green chl. + actinolite) -1% epidote -3% blue to colourless qtz. - no sphene	Trace fracture calcite	Nil	0.2% fine to coarse dissem. magnetite	DIORITE
-05-03	Pink with black flecks	Granitoid. Weakly foliated. Unsheared.	0.5-2.5	Granitoid, equigranular interlocking. Plagioclase laths decomposed into smaller clear albite + saussuritized individuals.	70% plag. 20-25% hornblende (little chloritized) 2% quartz <1% epidote 1% sphene + leucoxene		Nil	<0.05% spec. hem. Low trace overall of native Cu; occurs only in incipiently fractured rock (found 5% in one chip)	DIORITE

SAMPLE NUMBER	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				NAME
					Silicates	Carbonates	Sulphides	Other	
RP-94 -06-02	Hematite-stained pink to red with dark green flecks	Granitoid. Weakly foliated. Unsheared	Plag. phenos 1.5-3 Groundmass 0.4-0.8	Moderately plag.-phyric with granitoid, equigranular interlocking groundmass.	5-10% plag. phenos. 90% groundmass = -70% plag -10-15% green px. -10-15% black hb. partly chloritized -2% quartz -1% epidote, trace sphene	Trace fracture calcite	Nil	Variable 0.05-1% (average 0.2%) native Cu, controlled by incipient barely perceptible fractures, mainly in plag. (brittle) 0.05% spec. hem. + semi-pervasive red stain	DIORITE
-07-03	Hematite-stained pink with black flecks	Granitoid. Massive to weakly foliated. Unsheared.	0.5-1.5	Equigranular interlocking. Granitoid. Plag. + hb. subhedral.	75% plag. 20% hornblende (little chloritized) 2-3% blue qtz. <1% epidote 0.5% sphene	Trace dissem. & fracture calcite.	Nil	0.05% dissem. magnetite	DIORITE
-08-05	Pink with black flecks	Weakly foliated. Granitoid. Unsheared.	Plag. phenos 3-4 Groundmass 0.5-1	Strongly plag.-phyric with equigranular interlocking granitoid groundmass. Plag. phenos. generally euhedral, fresh, strongly zoned. Groundmass plag. subhedral, more altered.	20% plag. phenos. 80% groundmass = -70% plag. -25% hb. (slightly chloritized) -3% epidote (at hb-plag contacts) -1% blue qtz -0.5% sphene + leucoxene	1% dissem. calcite	Nil	0.1% dissem. magnetite	DIORITE
-09-05	Grey-white to pink with black flecks	Granitoid. Weakly flow foliated (foliation wraps around phenocrysts). Unsheared.	Plag. phenos 3-7 Groundmass 0.7-2	Strongly plag.-phyric with equigranular interlocking groundmass. Granitoid. Plag. phenocrysts large, zoned, subhedral.	30% plag. phenos. 70% groundmass = -75% plag -20-25% hb. (little chloritized) -5% quartz -2% epidote -0.5% sphene	1% dissem. calcite	Nil	0.2% fine to coarse dissem. magnetite	DIORITE
-10-03B	Pale grey brown.	Microgranitoid. Massive to weakly foliated with 20% penetrative shear seams (weakly sheared)	Plag. phenos 0.5-1 Groundmass 0.05-0.1	Microporphyritic with equigranular interlocking, semi-aphanitic, micro-granitic groundmass	10% plag. microphenos 90% groundmass = -60-70% feld. -30-40% qtz -5% chlorite Shear seams little altered	1-2% fracture-hosted calcite	Nil	No Fe/Ti oxide	APLITE

SAMPLE NUMBER	COLOUR	STRUCTURE	GRAIN SIZE (mm)	TEXTURE	MINERALOGY				NAME
					Silicates	Carbonates	Sulphides	Other	
RP-94 -10-03A	Grey-white to pale pink, flecked black.	Granitoid. Moderately fol., grains rotated & lightly tectonized due to weak shearing.	0.8-1.5	Inequigranular inter-locking, w. plag. +hb. ranging coarser than quartz.	65% plag., extensively albitized & saussuritized; 25% hornblende (locally green px.) extensively chloritized + epidotized; 5-10% quartz; 5% epidote; 1% sphene + leucoxene	2% dissem. and fracture calcite.	Trace fracture-hosted f.g. py.	No Fe/Ti oxide	DIORITE
-11-02	Dark grey variably over-printed by red hematite stain	Weakly foliated, (dense) hornfels. Unsheared.	Formerly ±0.15, now 0.05	Finely recryst. sugary hornfels.	80% plag. + quartz (not differentiable due to sugary recryst. of both minerals) 20% biotite 1% sericite	<0.5% dissem. + fracture calcite	Nil	3% red hem. stain	DACITE/ ANDESITE

Ministry of Northern Development and Mines

Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: W9410.00115

Personal information collected on this form is obtained under the authority of the Mining Act. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7284.

[redacted]

52C13NW0016 2.15685 RICHARDSON

900

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

Recorded Holder(s) Nuinsco Resources Ltd / D.J. MacEachern		**Client No.**
Address 908 The East Mall, Etobicoke, Ontario / 298 2nd St. E. Fort Frances.		**Telephone No.** 416-622-0018 / 807-482-1102
Mining Division Kenora	**Township/Area** Richardson Twp / Potts Twp.	**M or G Plan No.**
Dates Work Performed From: 06/08/94	To: 01/01/94	

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	
Physical Work, Including Drilling	Overburden Drilling (Reverse Circulation + Rotosonic)
Rehabilitation	
Other Authorized Work	SECTION 18 ONLY
Assays	
Assignment from Reserve	

RECEIVED

MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs $ 128,429

Note: The Minister may reject for assessment work credit all or part of any claim if the recorded holder cannot verify expenditures claimed in the statement of costs within

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

Name	Address
Paul Jones	27 Briarwood Crescent, Ottawa, Ont.

(attach a schedule if necessary)

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

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.	Date	Recorded Holder or Agent (Signature)

Certification of Work Report

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

Name and Address of Person Certifying

Telephone No. | Date | Certified By (Signature)

For Office Use Only

Total Value Of Recorded	Date Recorded	Mining Recorder	Received Stamp

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
	N½, S½ Lot 3 Conc II	Patent	3880	N:1	3880	N:1
	N½ Lot 3 Conc II	"	2956	N:1	2956	N:1
	S½ Lot 4 Conc II	"	7772	N:1	7772	N:1
	S½ Lot 5 Conc II	"	7203	N:1	7203	N:1
Richardson Twp	E½ Lot 6 Conc I	"	11849	N:1	3389	8460
	W½ Lot 6, Conc II	"	9456	N:1	N:1	9456
	S½ Lot 6 Conc II	"	8364	N:1	N:1	8364
	N½ Lot 7, Conc I	"	24410	N:1	N:1	24410
	S½, Lot 7, Conc II	"	22734	N:1	N:1	22734
	1161280 (Potts)	16	14639	6400	N:1	8239
	1161328 (")	8	15176	3200	N:1	11976
	1161092 (Mcnary)	6	N:1	2400	N:1	N:1
	1161208 (")	16	N:1	6400	N:1	N:1
	1105432 (")	16	N:1	6400	N:1	N:1
	1105431 (Potts)	3	N:1	1200	N:1	N:1
	1161205 (Mcnary)	4	N:1	1600	N:1	N:1
	1161207 (")	12	N:1	4800	N:1	N:1
			Cont. over	Cont. over	Cont. over	Cont. over
	Total Number of Claims		Total Value Work Done	Total Value Work Applied	Total Assigned From	Total Reserve

0241 (03/91)

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

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

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

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

Please complete the following

0241 (03/91)

Number of Claim Units	Claim Number (see Note 2)	Work Report Number for Applying Reserve
4	116 108 (Hanna)	
2	116 087 (4)	
121	Total Number of Claims 19	

Value of Assessment Work Done on this Claim	Total Value Work Done
N/A	13,939
N/A	

Value Applied to this Claim	Total Value Work Applied
1600	57,800
800	

Value Assigned from this Claim	Total Assigned From
N/A	25,200
N/A	

Reserve: Work to be Claimed at a Future Date	Total Reserve
N/A	73,461
N/A	

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

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

In the event that you have not specified your choice of priority, option 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:

Ministry of Northern Development and Mines

Ontario

Ministère du Développement du Nord et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction W9410.00115

2.15685

Personal information collected on this form is obtained under the authority of the **Mining Act**. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la **Loi sur les mines** et serviront à tenir à jour un registre des concessions minières. Adresser toute quesiton sur la collece de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain	10,190	10,190
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type: Drilling (Total)	76,806	
	O.D.M.	27,169	
			104,006
Supplies Used Fournitures utilisées	Type: Grocery	4626	
			4626
Equipment Rental Location de matériel	Type		
			[illegible]
	Total Direct Costs Total des coûts directs		125,822

2. Indirect Costs/Coûts indirects

** **Note:** When claiming Rehabilitation work Indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type: Truck Lease	1082	
	[illegible]	944	
	MINING [illegible]	1	2026
Food and Lodging Nourriture et hébergement	[illegible]	1031	1031
Mobilization and Demobilization Mobilisation et démobilisation			
	Sub Total of Indirect Costs Total partiel des coûts indirects		[illegible]
	Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)		[illegible]
	Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs) / **Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)**		[illegible]

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.

2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
	× 0.50 =

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.

2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Évaluation totale demandée
	× 0.50 =

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as _____ I am authorized
(Recorded Holder, Agent, Position in Company)

to make this certification.

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Ontario

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

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

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

December 21, 1994

Our File: 2.15685
Transaction #W9410.00115

Mining Recorder
Ministry of Northern
Development and Mines
808 Robertson Street
Box 5200
Kenora, Ontario
P9N 3X9

Dear Mr. Rivett:

RE: Approval of Assessment work on mining claims 1161280 et al in Potts and Richardson Townships.

The assessment credits for Drilling, section 16 of the Mining Act Regulations, as listed on the original Report of Work, have been approved as of **December 21, 1994.**

Please indicate this approval on the claim record sheets.

If you have any questions concerning this correspondence please contact Bruce Gates at 670-5856.

ORIGINAL SIGNED BY:

Yours sincerely,

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

BIG/dl
Enclosures:

cc: Assessment Files Office
Sudbury, Ontario

Resident Geologist
Kenora, Ontario

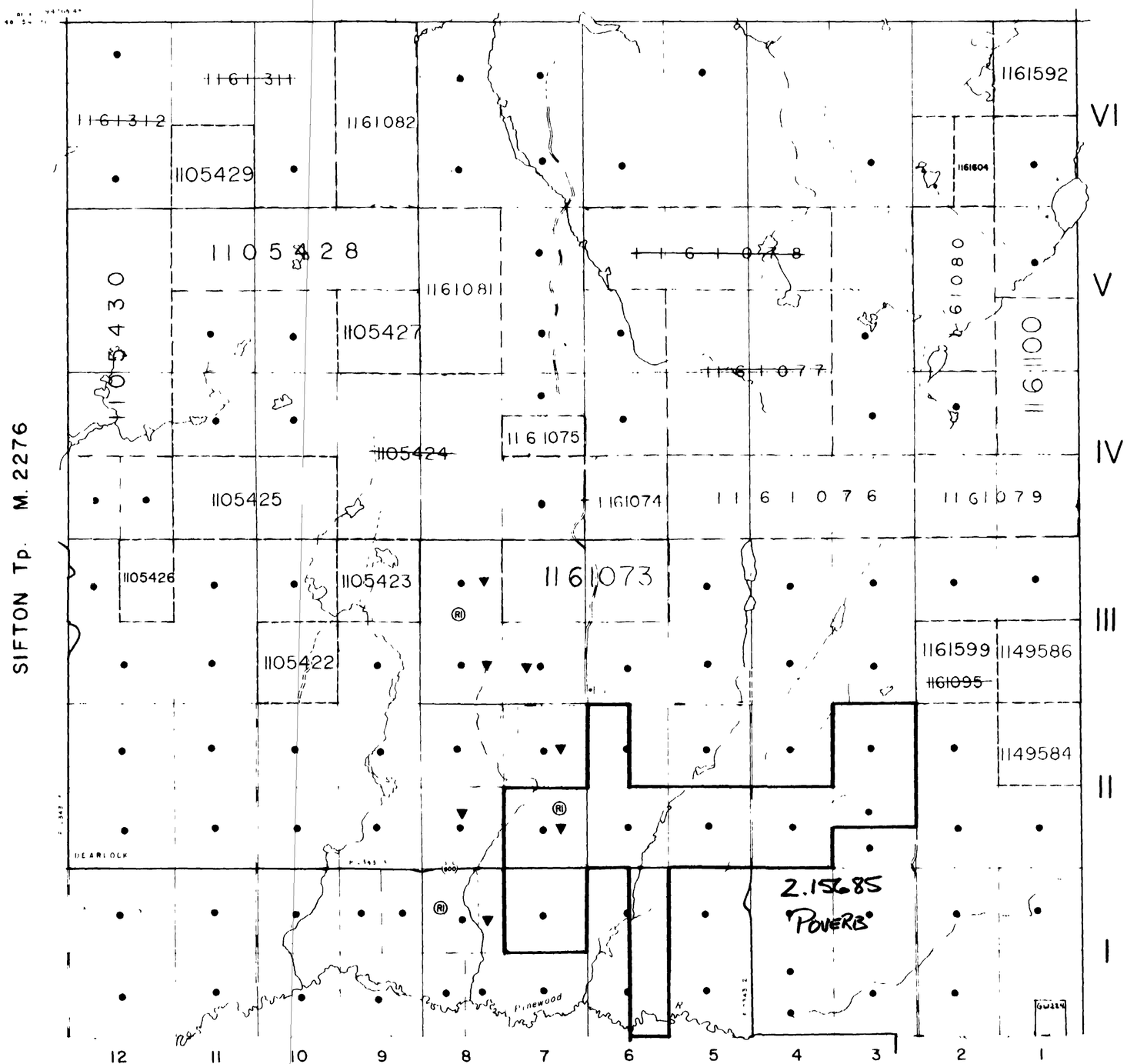
NOTES

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

This Township lies within the Corporation of the Township of Chapple

(RI) W-K-43/93 SRBMR JUNE 4/93

ROWE Tp. M.2118



LEGEND

HIGHWAY AND ROUTE No.

OTHER ROADS

TRAIL

SURVEYED LINE
TOWNSHIP, CONCESSION
LOTS, MINING CLAIMS, ETC.

UNSURVEYED LINE
LOT LINES
PARCEL BOUNDARY
MINING CLAIMS, ETC.

RAILWAY AND RIGHT-OF-WAY

UTILITY LINES

NON PERENNIAL STREAM

FLOODING OR DYKING

SUBDIVISION

ORIGINAL SHORELINE

MARSH OR MUSKEG

MINES

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT — SYMBOL

PATENT, SURFACE & MINING RIGHTS

SURFACE RIGHTS ONLY

MINING RIGHTS ONLY

LEASE, SURFACE & MINING RIGHTS

SURFACE RIGHTS ONLY

MINING RIGHTS ONLY

LICENCE OF OCCUPATION

CROWN LAND SALE

ORDER-IN-COUNCIL

RESERVATIONS

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 HEREON

SCALE 1 IN. = 40 CHS.

1 MILE

1 KILOMETRE

ACRES 10 DECIMAL

TOWNSHIP

RICHARDSON

DISTRICT

RAINY RIVER

MINING DIVISION

KENORA

Ministry of Natural Resources

Ontario — Survey and Mapping Branch

Date

M.2115

NOTES

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

This Township lies within the Corporation of the Township of Chapple

SAND & GRAVEL

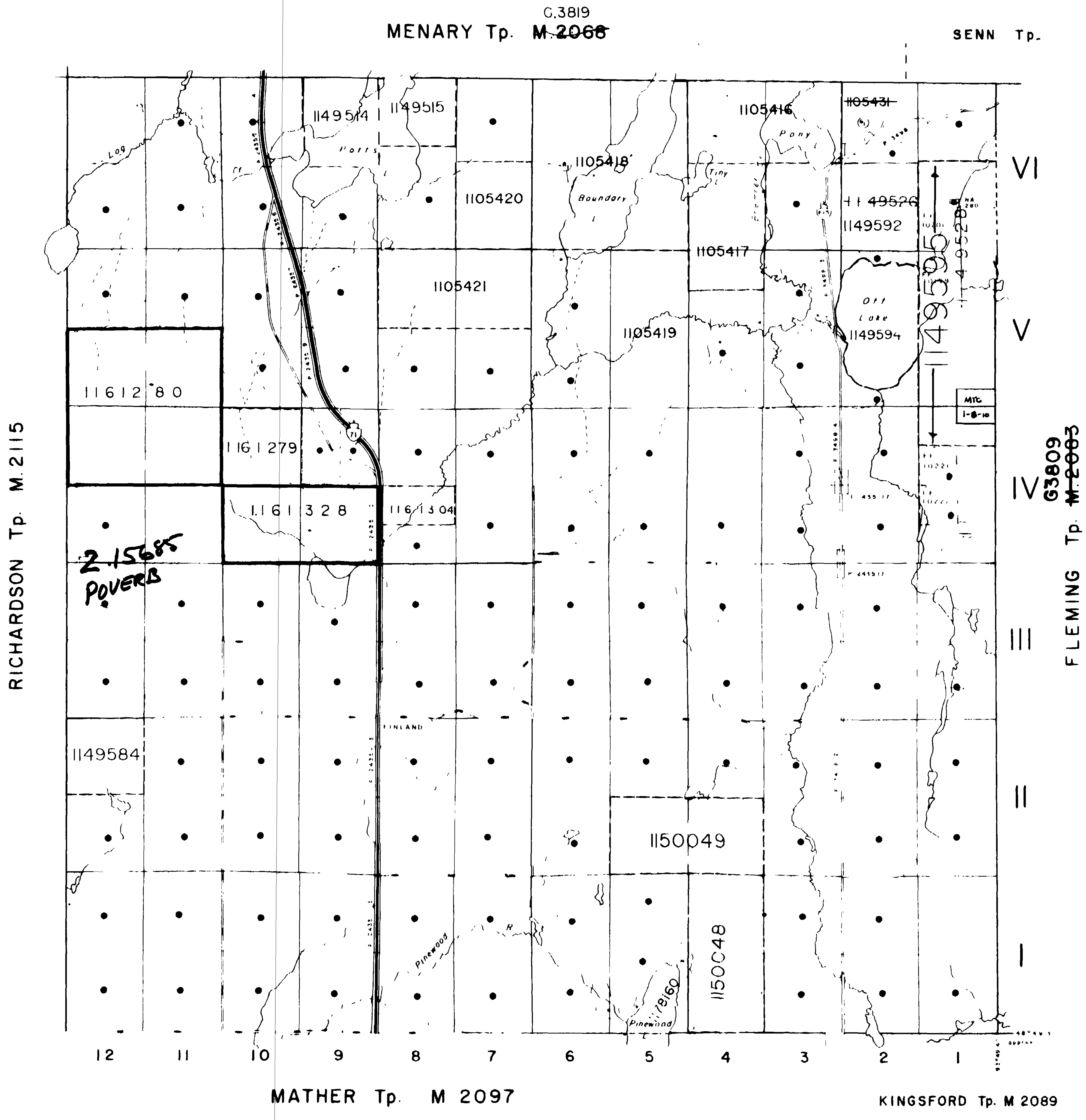
MTC Gravel Pit File 8132

RESERVES

MNR Reserve File 88158

Areas withdrawn from staking under Section 43 of the Mining Act (RSO 1970).

File	Date	Disposition



LEGEND

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

FF10201 AND 10199
OPEN TO STAKING JUNE 1/92 7:00am STANDARD TIME
8:00am DAYLIGHT SAVING TIME

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT		SYMBOL
PATENT	SURFACE & MINING RIGHTS	●
	SURFACE RIGHTS ONLY	◓
	MINING RIGHTS ONLY	◒
LEASE	SURFACE & MINING RIGHTS	■
	SURFACE RIGHTS ONLY	⬒
	MINING RIGHTS ONLY	⬓
LICENCE OF OCCUPATION		▼
CROWN LAND SALE		CS
ORDER-IN-COUNCIL		OC
RESERVATION		(R)
CANCELLED		(X)
SAND & GRAVEL		(S)

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

SCALE 1 INCH = 40 CHAINS

ACRES 40 HECTARES 16

RECEIVED FEB 9 1995 MINING LANDS BRANCH

TOWNSHIP

POTTS

DISTRICT

RAINY RIVER

MINING DIVISION

KENORA

Ministry of Natural Resources
Ontario
Surveys and Mapping Branch

Date 12.74
Whitney Block
Queen's Park, Toronto

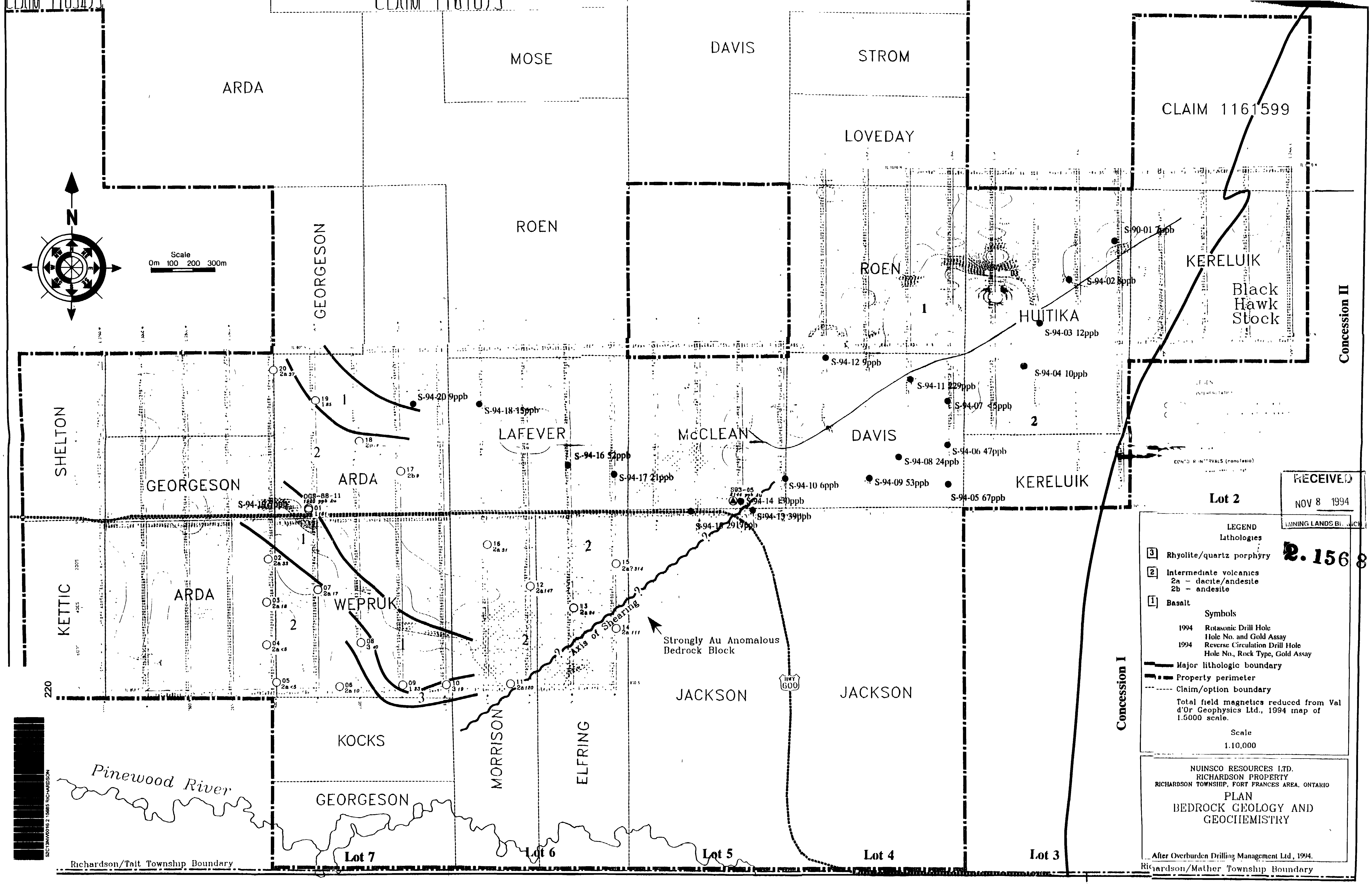
Plan No

M.2109

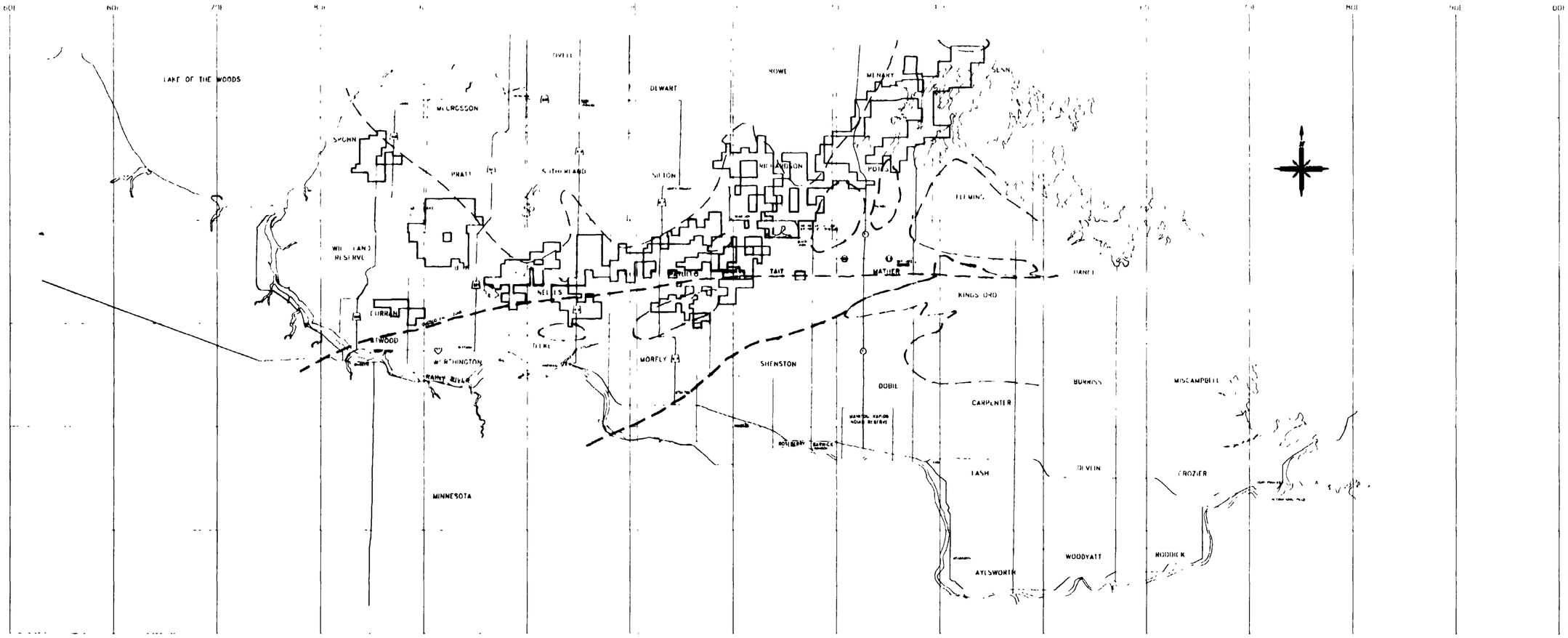
DATE OF ISSUE FEB - 3 1995 KENORA MINING DIVISION

52C13NW0018 2.15685 RICHARDSON

210



ARDA
MOSE
DAVIS
STROM
LOVEDAY
CLAIM 1161599
ROEN
GEORGESON
N
Scale
0m 100 200 300m
SHELTON
GEORGESON
ARDA
LAFEVER
McCLEAN
DAVIS
ROEN
HUITIKA
KERELUIK
Black Hawk Stock
KERELUIK
KETTIC
ARDA
WEPRUK
S-94-20 9ppb
S-94-18 15ppb
S-94-16 52ppb
S-94-17 21ppb
S-94-12 9ppb
S-94-11 229ppb
S-94-07 <5ppb
S-94-06 47ppb
S-94-08 24ppb
S-94-09 53ppb
S-94-05 67ppb
S-94-10 6ppb
S-94-14 130ppb
S-94-13 39ppb
S-94-03 12ppb
S-94-04 10ppb
S-94-02 8ppb
S-90-01 7ppb
Axis of Shearing
Strongly Au Anomalous Bedrock Block
JACKSON
JACKSON
KOCKS
GEORGESON
MORRISON
ELFRING
Pinewood River
Lot 7
Lot 6
Lot 5
Lot 4
Lot 3
Lot 2
Concession I
Concession II
Richardson/Tait Township Boundary
Richardson/Mather Township Boundary
RECEIVED
NOV 8 1994
MINING LANDS BRANCH
2.15685
LEGEND
Lithologies
3 Rhyolite/quartz porphyry
2 Intermediate volcanics
2a – dacite/andesite
2b – andesite
1 Basalt
Symbols
1994 Rotasonic Drill Hole Hole No. and Gold Assay
1994 Reverse Circulation Drill Hole Hole No., Rock Type, Gold Assay
Major lithologic boundary
Property perimeter
Claim/option boundary
Total field magnetics reduced from Val d'Or Geophysics Ltd., 1994 map of 1.5000 scale.
Scale
1.10,000
NUINSCO RESOURCES LTD.
RICHARDSON PROPERTY
RICHARDSON TOWNSHIP, FORT FRANCES AREA, ONTARIO
PLAN
BEDROCK GEOLOGY AND GEOCHEMISTRY
After Overburden Drilling Management Ltd, 1994.



RAINY RIVER – CLAIM AND PROPERTY HOLDINGS
SCALE 1 300 000

LEGEND

PATENTED CLAIMS OPTION TO NUINSCO

LICENCE OF OCCUPATION

NUINSCO CLAIMS

2.15685

RECEIVED
NOV 8 1994
MINING LANDS BRANCH

2.15688

NUINSCO RESOURCES LTD.

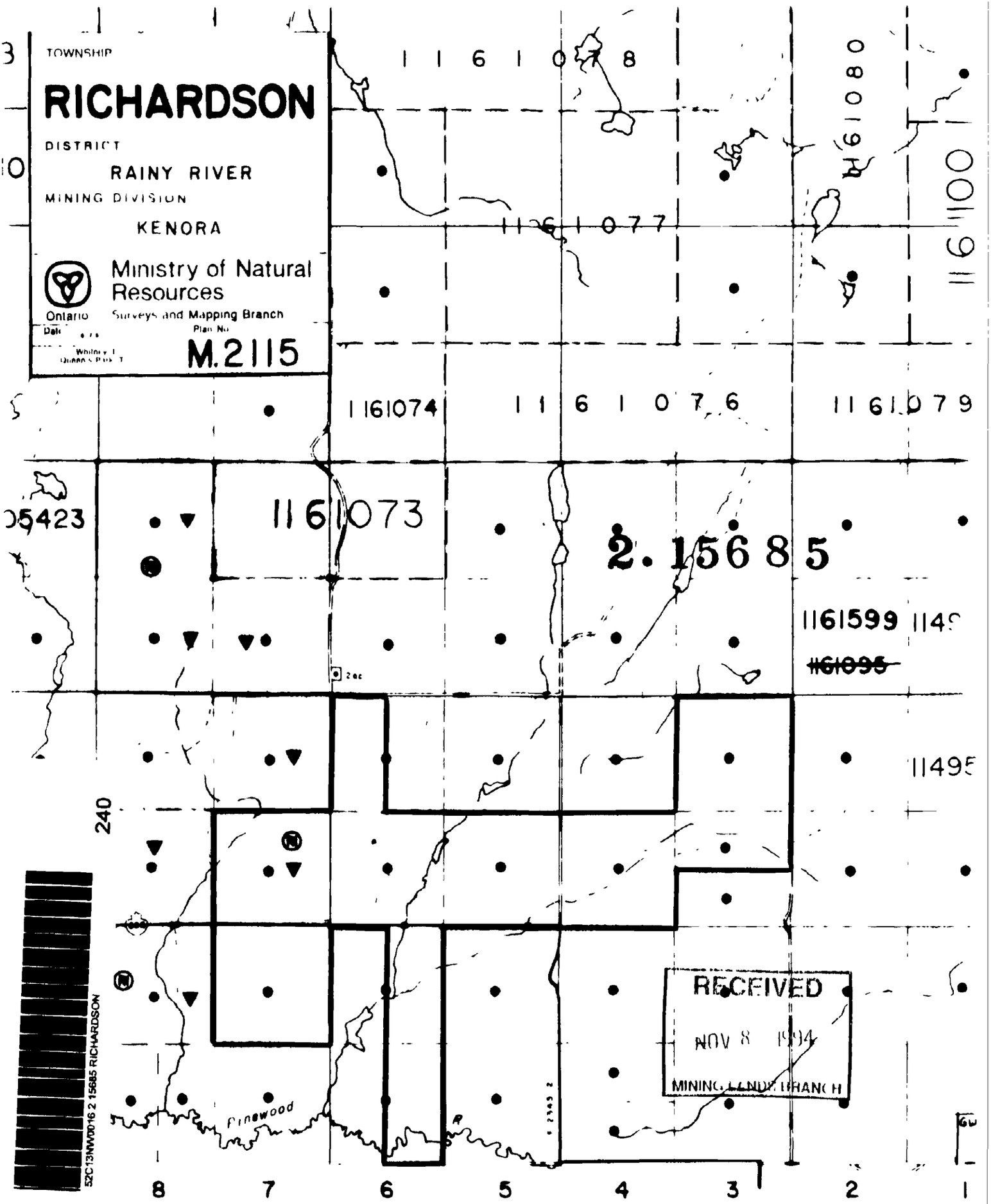
RAINY RIVER GOLD PROJECT
CLAIM MAP AND PROPERTY HOLDINGS

SCALE
1 300,000 ONE CENTIMETRE REPRESENTS ONE KILOMETRE

DRAFTED BY
AUTOCAD FILE NAME
RR PROP DWG

DATE
18/08/94

62C13NW0016 2 15685 RICHARDSON


TOWNSHIP
RICHARDSON
DISTRICT
RAINY RIVER
MINING DIVISION
KENORA
Ministry of Natural Resources
Ontario
Surveys and Mapping Branch
Plan No.
M.2115
1161078
1160800
1161100
1161077
1161074
1161076
1161079
1161073
2.15685
1161599
1161095
1161495
240
Pinewood
RECEIVED
NOV 8 1994
MINING LANDS BRANCH
52C13NW0016 2 15685 RICHARDSON
8
7
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1