AMAX EXPLORATION, INC.

PROJECT 603

RESULTS OF EXPLORATION PROGRAM
BURNS - NOR-U URANIUM OPTION
ROBERTS TOWNSHIP
SUDBURY MINING DIVISION
ONTARIO

Timmins, Ontario
October 3, 1974

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SUMMARY

A program of geological mapping, radiometric surveying, and diamond drilling has been completed to test the economic potential of uranium mineralization that occurs on a 54 claim property in Roberts Township, Sudbury Mining Division, Ontario.

Previous work on the property consisted of trenching, diamond drilling, percussion drilling, and radiometric surveying. An anomalous zone approximately 300 feet by 1500 feet in plan area was outlined which is underlain by low grade (0.02 to 0.03 percent U_3O_8) uranium mineralization.

Host rocks for the mineralization are a fine grained, grey to black, thin bedded to massive argillite of Proterozoic age. The argillite contains minor lenses of quartz pebble grit and conglomerate. The mineralized zone occurs in the basal part of the stratigraphic section within 300 feet of the Archean-Proterozoic unconformity. No uranium mineral has been identified because of the very fine grained nature of the mineralization.

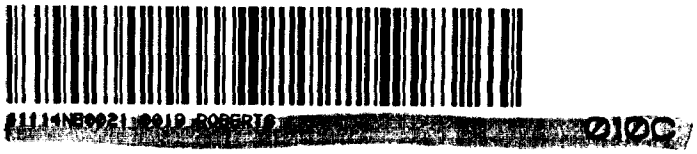
Geological mapping suggests that the mineralized argillite is the stratigraphic equivalent of the Mississagi Formation of the Hough Lake Group, Huronian Super Group. Mapping indicated steep dips for both the mineralized strata and the unconformity which gave the property considerable depth and tonnage potential provided a substantial width of low grade uranium mineralization could be outlined.

The results of the drilling program did not substantiate the widespread occurrence of low grade mineralization and indicated that the Archean-Proterozoic unconformity flattens abruptly beneath the showing area and limits the depth potential of that area to 100 to 150 feet. The lack of continuity of the mineralization is attributed to the depositional environment which appears to be a flood plain - delta environment with an irregular, lensoid depositional pattern.

No significant radiometric anomalies occur on the property other than that one which correlates with the main showing.

It is recommended that Amax Exploration terminate their option commitment and file all new exploration data with the appropriate government agencies.

TABLE OF



INTRODUCTION

The author was retained by Amax Exploration, Inc., to undertake a program of geological mapping and radiometric surveying preliminary to a program of drilling on their Burns-Nor-U Option in Roberts Township, Sudbury Mining Division. The program was initiated on May 15, 1974 and the drill program was terminated on August 23, 1974.

A total of 5.5 miles of linecutting (4.8 miles of baseline and 46.7 miles of grid lines) were completed on the property and geological mapping was completed over all of the property. Radiometric surveys were completed only over those parts of the property underlain by Proterozoic rocks which amounted to approximately 15 line miles of survey. A total of 1804 feet of diamond drilling was completed by Heath and Sherwood Drilling of Sudbury, Ontario.

Mr. Robert Grant, a graduate student at Laurentian University, Sudbury, Ontario ably assisted the author throughout the program and was responsible for the radiometric survey in addition to sharing in the geological work.

PROPERTY DESCRIPTION

The property consists of 54 contiguous, unpatented mining claims which are under option to Amax Exploration, Inc., Suite 1302, 7 King Street East, Toronto. The claim numbers and recorded holder of the claims are presented in Table 1.

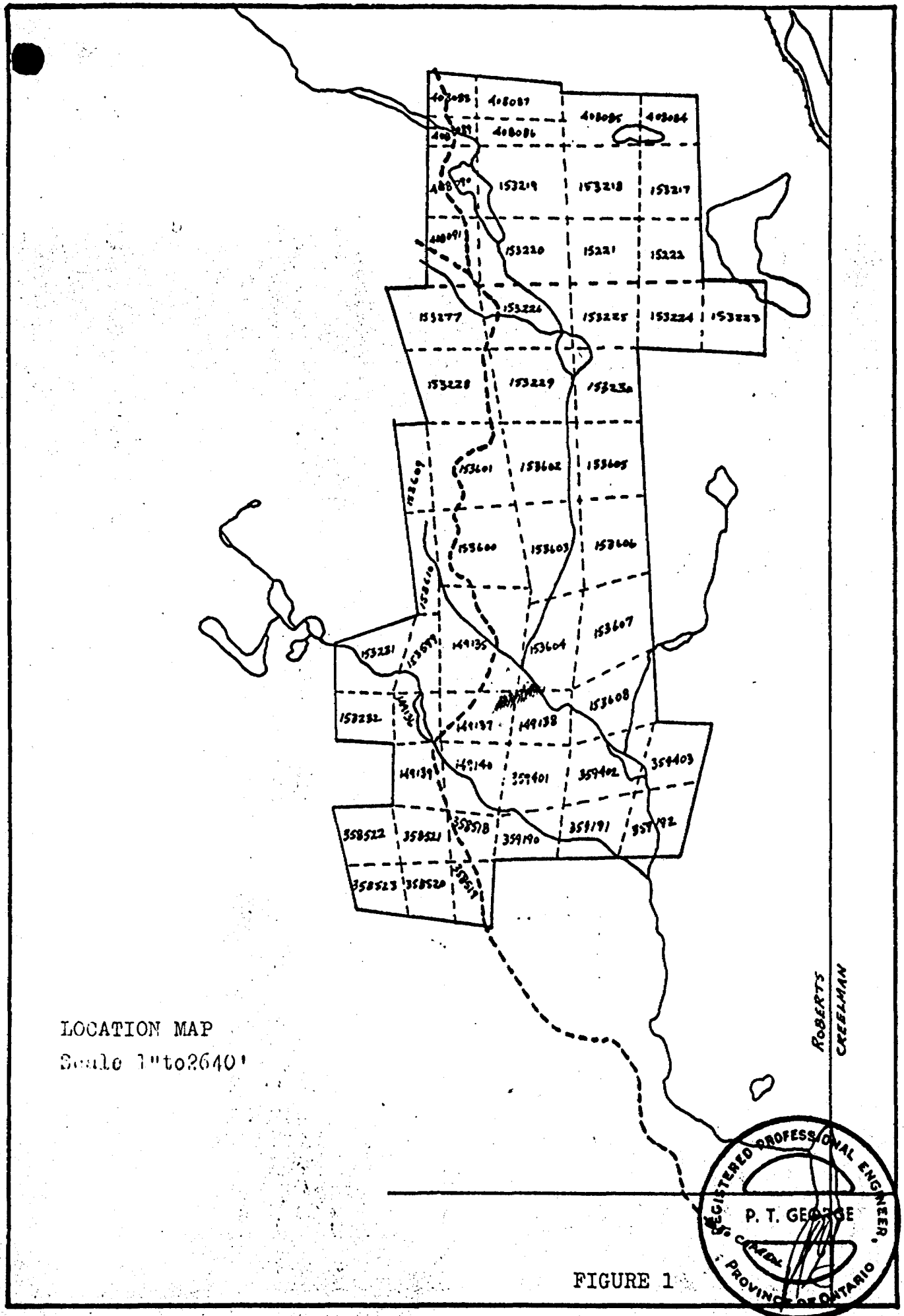
PROPERTY LOCATION AND ACCESS

The property is located in the east central part of Roberts Township, Sudbury Mining Division, at approximately 46°55' North, 81°06' West. (See Figure 1)

The property is accessible by road from Capreol, Ontario north via Highway 8C6 to the National Steel Corporation Moose Mountain iron mine a distance of 12 miles, then north via a gravel road for a distance of 6 miles. The gravel road provides complete access to the property (See Maps in pocket). Access to the gravel road is controlled by National Steel Corporation and its use must be cleared with the mine manager.

TABLE 1

CLAIM NUMBER	RECORDED HOLDER
S 149135 to S 149140 incl.	Amax Exploration, Inc., Suite 1302, 7 King St. East, Toronto, Ontario.
S 153217 to S 153232 incl.	"
S 153599 to S 153610 incl.	"
S 358518 to S 358523 incl.	"
S 359190 to S 359192 incl.	"
S 359401 to S 359403 incl.	"
S 408084 to S 408091 incl.	"



LOCATION MAP

Scale 1"to2640'

FIGURE 1

PROPERTY, TOPOGRAPHY

The property has generally low relief with local relief of 50 to 150 feet along northerly trending outcrop ridges.

Coarse bouldery till underlies much of the property with some local sand deposits.

The vegetation consists of a mature spruce and jack pine forest with the exception of a few areas that have been cut-over in recent years. Numerous beaver dams and ponds occur along Roberts River and its tributaries and cause a few tag alder swamps in their back waters.

PROPERTY, SERVICES

Mining services, labour, and supplies are available in the Sudbury District, approximately 20 miles south of the property.

Hydro electric transmission lines are present within 4 to 6 miles of the property and the main transcontinental line of the Canadian National Railway is approximately 1/2 mile east of the northeast corner of the property.

PREVIOUS WORK

The earliest prospecting in the area was for gold (Gracey, 1897). Magnetite-bearing iron formation was discovered in the early 1900's approximately six miles south of the property. Development of the iron deposits was started in the mid 1950's by National Steel Corporation (Hanna Mining) and production of concentrate from the Moose Mountain Mine was started in 1959.

Exploration for uranium was carried out in the 1950's in the northeast part of Roberts Township in the area of Roberts Lake. Thompson (1960) has described the known uranium showings in the northeast part of Roberts Township.

Kindle (1932) mapped the south part of Roberts Township in 1931 and Meyn (1968, 1971) of the Ontario Department of Mines published geological maps and reports of Roberts, Creelman and Fraleck Townships which provide the most up to date and accurate outline of the distribution of the Proterozoic sedimentary rocks.

In 1968 uranium mineralization was discovered by prospectors in the area of claim S 149137 of the property. The property was optioned to Nordic Mines Limited in 1968. Bayne (1968, 1969) has described in detail the program of work completed by Nordic Mines. The initial program consisted of geological mapping and radiometric surveying in the immediate area of the showing. Three diamond drill holes were spotted to test the showing. Subsequent work by Nordic Mines consisted of 29 percussion drill holes, 2 shallow test shafts, and numerous trenches. The location of all drill holes, shafts, and trenches are presented on Map 1 (in pocket). Averages of all of the Nordic Mines sampling are presented on Map 1.

The property was acquired by Amax Exploration, Inc. in April 1974.

GEOLOGICAL SURVEY

INTRODUCTION

Geological mapping was started on May 15, 1974 and was completed on August 17, 1974. The complete property was mapped at a scale of 1 inch to 200 feet and the results of this mapping are presented on Maps 2, 3 and 4 (in pocket). The area of the main uranium showing was mapped at a scale of 1 inch to 40 feet and the results of the detailed mapping are presented on Map 1 (in pocket).

GENERAL GEOLOGY

The geology of Roberts Township has been described by Meyn (1971). The township is underlain by highly deformed Archean metavolcanic and metasedimentary rocks that have been intruded by Archean felsic and mafic igneous rocks. The Archean rocks are unconformably overlain by Proterozoic sedimentary rocks of the Elliot Lake, Hough Lake, Quirke Lake, and Cobalt Groups of the Huronian Super Group.

The Proterozoic sedimentary rocks have been folded, and block faulted which results in relatively discontinuous remnants of Proterozoic strata surrounded by Archean basement rocks. Table 2 presents the Table of Formations for the property and the Proterozoic stratigraphic nomenclature used for the property. The stratigraphic nomenclature is based primarily on the assumption that the limestone unit that occurs in the south part of the property correlates with the Bruce Limestone Member of the Espanola Formation. The remainder of the nomenclature used is extrapolated from this datum.

APPENDICES

APPENDIX 1	Radiometric Data
APPENDIX. 2	Drill logs and Assay data
APPENDIX 3	Assessment Work Breakdown

MAPS (in pocket)

MAP 1	Detailed Map, Main Showing, Scale: 1 inch to 40 feet.
MAP 2	Geological Map, South Sheet, Scale: 1 inch to 200 feet.
MAP 3	Geological Map, Central Sheet, Scale: 1 inch to 200 feet.
MAP 4	Geological Map, North Sheet, Scale: 1 inch to 200 feet.
MAP 5	Radiometric Survey, South Sheet, Scale: 1 inch to 200 feet.
MAP 6	Radiometric Survey, Central Sheet, Scale: 1 inch to 200 feet.

DRILL SECTIONS Scale 1 inch to 40 feet.

TABLE 2

TABLE OF FORMATIONS

CENOZOIC

RECENT
Fluvial clays and silts, swamp deposits.

PLEISTOCENE
Boulder till and sand deposits.

UNCONFORMITY

PRECAMBRIAN

PROTEROZOIC

NIPISSING-TYPE DIABASE
Gabbroic dikes and sills

INTRUSIVE CONTACT

HURONIAN
COBALT GROUP
LORRAINE FORMATION
Massive green siltstone
GOWGANDA FORMATION
Thin bedded (varved?) argillite

QUIRKE LAKE GROUP
SERPENT FORMATION
Quartzite
ESPANOLA FORMATION
Siltstone, greywacke, quartzite
BRUCE MEMBER
Limestone
BRUCE FORMATION
Polymictic conglomerate

HOUGH LAKE GROUP
MISSISSAGI FORMATION
Argillite and gritty argillite, minor conglomerate.

UNCONFORMITY

ARCHEAN

METAVOLCANIC - METASEDIMENTARY - GRANITIC BASEMENT COMPLEX.

Pleistocene deposits in the area of the property consist of a very coarse boulder till which is locally overlain by fine sand deposits.

Figure 2 is a generalized geological map of the property illustrating the major lithologic and structural features.

ARCHEAN ROCKS (Map unit 1)

The Archean basement rocks on the property consist of mafic metavolcanic rocks, mafic tuffs, conglomerate-breccia, and banded-cherty, weakly magnetic iron formation. The supracrustal rocks have been intruded by gabbroic and granitic dikes, sills, and stocks. Some of the rocks mapped as gabbro may in fact be metavolcanic in origin, the coarse grained gabbroic texture probably being a contact metamorphic effect near the granitic intrusive contacts.

MAFIC METAVOLCANIC ROCKS (Map unit 1a)

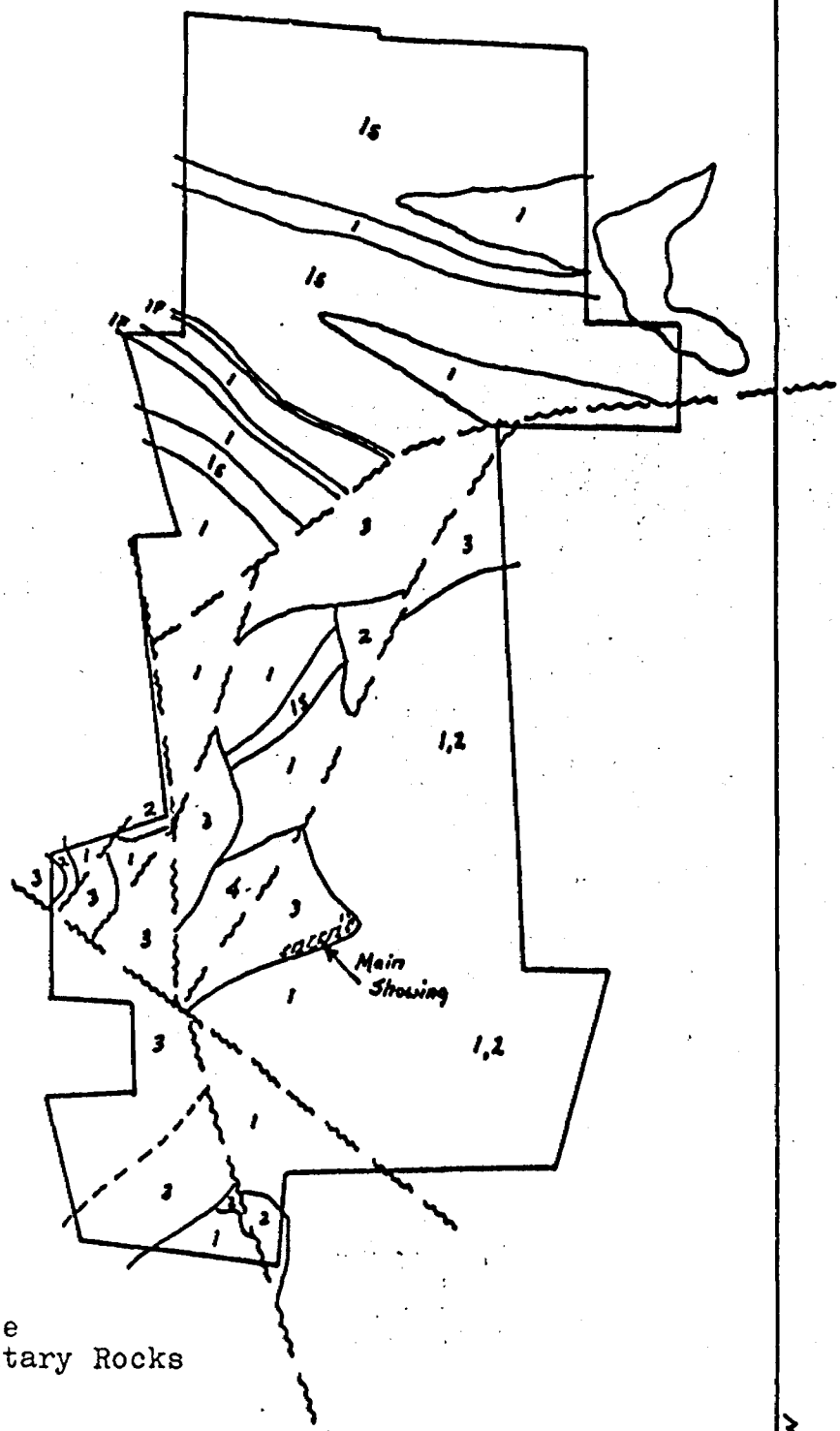
Massive, fine to medium grained, equigranular, locally schistose, dark green rocks, consisting dominantly of chlorite, amphibole, and altered feldspars have been mapped as mafic volcanic flow rocks. Some of these rocks, particularly in the area north of line 56N may be massive mafic tuffs interbedded with sedimentary rocks and iron formation.

The mafic volcanic rocks contain up to 5% finely disseminated pyrite and are locally veined with epidote stringers. Small, barren quartz veins are relatively common.

In the vicinity of granitic intrusive contacts, the mafic metavolcanic rocks become medium to coarse grained with a gabbroic texture.

GABBRO (Map unit 1b)

Rocks mapped as Archean gabbro consists of fine to coarse grained, equigranular, dark grey to black rocks consisting of feldspar, amphibole and pyroxene. The amphibole (hornblende) appears to be fresh, occurs in laths and is probably of metamorphic origin. The feldspars are generally saussuritized. Quartz veins and epidote veins are common. The rock becomes dioritic in appearance near granitic intrusive contacts.



LEGEND

PROTEROZOIC
- 4 Nipissing Diabase
- 3 Huronian Sedimentary Rocks

ARCHEAN
- 2 Felsic Intrusive Rocks
- 1 Mafic Volcanic Rocks
- 1S Amphibolitic Sedimentary Rocks
- IF Iron Formation

Fault

Scale 1" to 2640'

FIGURE 2

POLYMICTIC CONGLOMERATE (Map unit 1c)

The rock is composed of pebbles of mafic volcanic rocks and some quartz vein material in a fine grained, massive to schistose, amphibolitic matrix. The pebbles are generally flattened and elongate parallel to the schistosity.

The band of conglomerate that strikes in a northerly direction from line 32N, 10W to line 52N, 7W was mapped as Proterozoic by Meyn (1965). The rock unit is conformable with the Archean volcanic rocks, has an amphibolitic matrix, is cut by granitic stringers and quartz veins, and does not contain any granitic pebbles. The author considers the unit to be of Archean age.

AMPHIBOLITE TUFF (Map unit 1d)

Fine grained, generally thin bedded, chlorite-biotite-amphibolite occurs in the north half of the property. The rock is probably a metamorphosed mafic tuff. Some of the massive amphibolite interbedded with the tuff may be volcaniclastic in origin rather than a flow rock.

AMPHIBOLITIC GREYWACKE (map unit 1e)

Fine grained, thin bedded arenite consisting of light grey greywacke containing laminae of black amphibolite occurs in only one outcrop located on line 112N at 13E.

IRON FORMATION (Map unit 1f)

Two zones of iron formation occur interbedded with the mafic tuffs and flows. The iron formation is thin bedded and dark grey-green to black with light grey chert bands. The rock is weakly magnetic, probably containing at a maximum 10% magnetite. The rock is very similar to the amphibolitic mafic tuff with the addition of chert and magnetite beds.

FELSIC TO INTERMEDIATE INTRUSIVE ROCKS (Map unit 2a,b,c)

The principle felsic intrusive rock is granitic in appearance, being a fine to coarse grained, pink, equigranular rock consisting of 10 to 25 percent quartz, 55 to 85 percent orthoclase, and 50 to 10 percent hornblende and/or biotite.

Locally the rock is probably a monzonite (2b) as the proportion of plagioclase exceeds that of orthoclase. This generally occurs near contacts with mafic volcanic rocks and probably represents contamination of the granitic magma by assimilated inclusions of volcanic rock.

Similarly, a dioritic phase (2c) occurs near some mafic volcanic contacts.

PROTEROZOIC ROCKS (Map unit 3)

Proterozoic sedimentary rocks underlie approximately 30% of the property. Correlation of these strata with other Proterozoic rocks is at best tentative however a possible stratigraphic nomenclature is indicated in Figure 3. For mapping purposes, the stratigraphy was subdivided on the basis of lithology and no stratigraphic nomenclature ahs been applied to the geological maps.

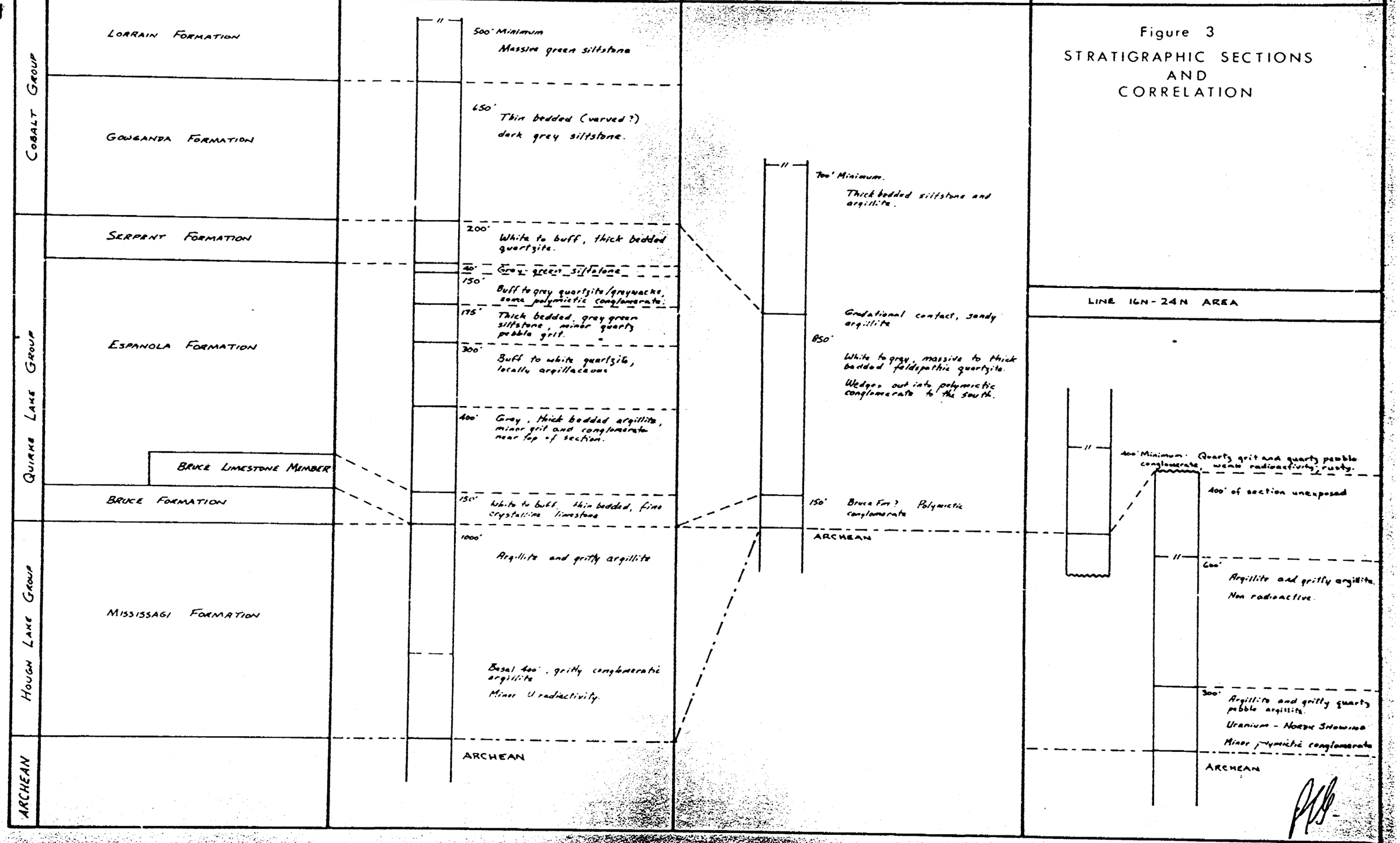
Figure 3 presents a detailed description of the lithologic sequence along 3 sections through the property and the reader is referred to this figure for details that are not provided in the general lithologic descriptions presented below.

Meyn (1971) considered most of the gabbroic rocks in the area to be post-Huronian, Nipissing Diabase-type intrusives. Much of the gabbro is of Archean age and the area described below (Section 4) as Nipissing Diabase is probably pre-Huronian in age.

ARGILLITE/SILTSTONE (Map unit 3a)

This rock unit consists of a fine grained, massive to thin bedded lutite which ranges in colour from dark grey to grey-green to pale green. The unit is locally gritty to pebbly with quartz and quartzite grains common, and mafic volcanic and granitic grains of minor significance. Particular units can be traced along strike on the basis of colour and sedimentary structures.

Figure 3
STRATIGRAPHIC SECTIONS AND CORRELATION



QUARTZ PEBBLE GRIT (Map unit 3b)

Quartz pebble grit units have been distinguished only when the unit was of sufficient thickness to be mapped. The rock is inequigranular and generally consists of well rounded grains of 1/8 inch to 1/4 inch white to blue-white quartz in an argillitic to arenaceous matrix.

QUARTZ PEBBLE CONGLOMERATE/BRECCIA (Map unit 3c)

Two main varieties of quartz pebble conglomerate occur on the property.

In the area south of line 28N, rounded to subangular pebbles and cobbles of white quartz and quartzite occur in a dark grey, fine grained, massive argillitic matrix which locally contains rounded to subangular fragments of argillite. This lithologic type is confined to the basal 400 feet of the stratigraphic section and would generally appear to consist of reworked sedimentary material possibly derived from an older Proterozoic unit.

In the area from line 8N, 12E to 12N, 2W the quartz pebble conglomerate consists of pebbles of massive quartz vein material in a rusty, pyritic, argillaceous greywacke matrix. This is a basal unit but does not appear to be the stratigraphic equivalent of the conglomerate described in the preceeding paragraph.

POLYMICTIC CONGLOMERATE (Map unit 3d)

Polymictic conglomerate occurs in lenses along the unconformity between the Archean basement and the Proterozoic sedimentary rocks. This basal conglomerate consists of poorly sorted pebbles and cobbles of mafic volcanic and granitic rocks in an argillaceous to sandy, dirty chloritic matrix.

Higher up in the stratigraphic section lenses and beds of polymictic conglomerate occur within siltstone and quartzite units. These conglomerates are well sorted, have a high proportion of granitic to volcanic rocks and the matrix is similar to the surrounding non-conglomeratic rocks.

QUARTZITE (Map unit 3e)

White to buff to grey, fine grained, massive to thick bedded quartzites are confined to the south part of the property (south of line 8N) stratigraphically above the Bruce Limestone

Member. Locally lenses of polymictic conglomerate occur and a few bands of argillaceous quartzite and greywacke are present.

FELDSPATHIC QUARTZITE (Map unit 3f)

North of line 40N, a major thickness of grey to white, arenite consisting of 5 to 15 percent white weathering feldspar and 85 to 95 percent quartz occurs. The rock is generally massive, medium grained equigranular and in small outcrops is difficult to distinguish from the Archean granitic rocks. Generally some argillaceous laminae may be observed in large outcrops.

LIMESTONE (Map unit 3g)

Only one limestone unit has been identified on the property and it has been tentatively correlated with the Bruce Limestone Member of the Espanola Formation. The limestone is a white to buff, fine grained, thinly bedded, crystalline variety which locally contains minor fine-grained diopside. The limestone unit is only exposed in a few outcrops, however, a distinct airphoto lineament correlates with the limestone horizon and allows it to be traced to the south property boundary.

NIPISSING DIABASE (?) (Map unit 4)

A large outcrop area occurs as a prominent ridge between lines 4N and 28N from approximately 6E to 2W. The rock is dark grey, fine to coarse grained, massive, equigranular gabbro and consists of dark grey feldspar, amphibole, pyroxene and minor quartz. The rock weathers to a rough "knobby" texture caused by 1/4 inch to 1/8 inch clots of pyroxene and hornblende being more resistant than the feldspar.

The age of the rock is uncertain. Meyn (1971) considered it to be Nipissing Diabase of post Huronian age. The east contact between the gabbro and the Proterozoic sedimentary rocks is inferred to be a fault contact. The west contact of the gabbro occurs in both Archean metavolcanic and Proterozoic sedimentary rocks. The contact with the Archean rocks is definitely intrusive, displaying a distinct chilled margin, however, the contact with the Proterozoic rocks is not obviously chilled and may in fact be an erosional surface.

The author favours the erosional contact interpretation and considers the gabbro to be of Archean or early Proterozoic age.

CENOZOIC DEPOSITS

Pleistocene sediments consist of a very coarse boulder till overlain locally by sand deposits. The coarse nature of the till presents a difficult problem when sinking casing for drilling.

STRUCTURAL GEOLOGY

The property is underlain by flat to steeply dipping Archean metavolcanic and metasedimentary rocks. No top determinations were made and no fold axes have been inferred.

The Archean rocks are overlain with angular unconformity by Proterozoic sedimentary rocks. Faulting during the Proterozoic has resulted in the Proterozoic rocks in the area of the property being preserved as steeply dipping homoclinal fault blocks.

FAULTING

Three sets of faults have been inferred in the area of the property. The most prominent fault, which has a distinct photo-lineament expression, has a north to north-northwest strike direction, displays left hand strike slip movement and the east block moved up. Related to this fault are a conjugate set of second-order faults. One fault set has an east-northeast strike direction, left hand strike slip movement and the south side moved up. The other second order fault set has a north-northeast strike direction, right hand strike slip movement and the north side moved up.

Late stage faulting along a northwesterly strike direction displays left hand strike slip movement. The dip slip direction is not known. This fault set may represent reactivation of a pre-existing Archean break. The lineament along Roberts Creek parallel to line 24N is probably an Archean fault but does not appear to have offset the Proterozoic rocks rather it appears to have been a depositional barrier and may have been a fault scarp during early Proterozoic time.

URANIUM MINERALIZATION

The following discussion deals with the geology of the known uranium mineralization on the property with particular reference to the area covered by Map 1 (in pocket). The details of exploration work completed to date are presented in the "Economic Geology" section of this report.

Host rocks for the uranium mineralization are grey to black, fine grained, thin bedded to massive argillitic rocks containing bands and lenses of oligomictic quartz pebble grit, conglomerate and breccia. Most of the quartz pebbles are a white, fine grained, equigranular quartzite.

The Archean-Proterozoic unconformity outcrops in the area of line 16N at 17E and in area of line 24N at 16E. From line 8N to line 20N the unconformity has an east-northeast strike and dips to the north at approximately 65 degrees. In the vicinity of line 20N the unconformity swings abruptly to the north.

The Proterozoic strata strike in an east-northeasterly direction and parallel the unconformity along most of its length, however, in the area between lines 20N and 28N the strata generally retain their easterly strike direction and terminate abruptly against the unconformity. The unconformity in this area is probably an Archean fault scarp that stood as an erosional high during Proterozoic sedimentation.

The lensy nature of the coarse clastic rocks suggest a flood plain-delta fluvial sedimentary depositional environment. Local variations in strike and dip of the strata probably are the result of slumping and soft sediment deformation.

No uranium minerals have been identified in the argillite to date. Research work currently underway at Laurentian University in Sudbury has failed to identify the uranium bearing mineral in spite of apparently exhaustive work. The problem may lie in the grain size. Considering specific gravity differences, uraninite grains should be smaller than the associated clastic material which in this case is a fine grained argillite and at the grades involved would represent 250 to 500 parts per million of the sediment.

RADIOMETRIC SURVEY

INTRODUCTION

A reconnaissance radiometric survey was completed over those parts of the property underlain by Proterozoic rocks using a McPhar Model TV-4 Scintillometer. Scaler readings were made at each station utilizing a 1 minute counting time. Field readings were corrected to counts per minute uranium, thorium, and potassium using the following standard equations.

$$U = (T_2 - T_{2Bkgd}) - 3.5\ Th$$
$$Th = T_3 - T_{3Bkgd}$$
$$K = (T_1 - T_{1Bkgd}) - 1.95\ U - 4.72\ Th$$

The survey was performed on the following claims: S 149135 to S 149139 inclusive, S 153231, S 153232 inclusive, S 153599, S 153601, S 153602, S 153610, S 358518 to S 358523 inclusive.

A total of 697 stations were established. Field readings, corrected readings and the computer program used to perform the corrections are presented in Appendix I.

SURVEY RESULTS

Corrected readings for counts per minute uranium, thorium, and potassium are plotted on Maps 1, 5 and 6 (in pocket). Contouring of radiometric data is highly subjective because of the masking effect of overburden which effectively prohibits the detection of radioactivity from rock buried more than a few feet.

General background in overburden covered areas ranged from 0 to 30 c.p.m. uranium. In outcrop areas the background readings range from 0 to 40 c.p.m. uranium. Background is generally slightly higher in areas underlain by conglomerate.

Six anomalous areas (designated A to F) have been outlined on Maps 1, 5 and 6.

Area A: A broad 300 feet wide anomaly outlined by the 100 c.p.m. Uranium contour occurs between lines 12N and 24N from approximately 11E on 12N to 18E on 24N. The 500 c.p.m. uranium contour outlines a zone approximately 100 feet wide by 800 feet in strike length which correlates with the main uranium showing on the property. Peak values in excess of 2500 c.p.m. occur within this area. Detailed readings indicate that the uranium mineralization occurs in particular laminae within the argillitic rocks. The gritty and conglomeratic units generally give lower readings and it would appear that the

introduction of coarse clastic material dilutes the uranium content.

Area B: A small anomaly occurs on line 64N at 5W. The underlying rock is a basal polymictic conglomerate. The anomaly is of no economic significance.

Area C: A weak anomaly occurs between lines 8N and 12N at 0 to 2E. The underlying rock is a basal, rusty, quartz-pebble conglomerate. The anomaly is of no economic significance.

Area D: On line 4N, from 4E to 5E a weak anomaly was obtained from argillitic rocks. The anomaly is of no economic significance.

Area E: From line 12S to 24S at approximately 30E a moderately anomalous zone (up to 550 c.p.m. uranium) has been outlined. The anomaly is underlain by a basal argillite sequence with quartz pebble grit and conglomerate that is probably stratigraphically equivalent to the rocks underlying the main showing. This area should be further evaluated if the main showing proves to be economically viable.

Area F: A number of weak anomalies occur in a shallow overburden covered area from 16S to 24S at 9E to 18E. The anomalies are not of economic significance.

CONCLUSIONS

Only two potentially significant anomalies were outlined by the radiometric survey. Anomaly A corresponds with the main uranium showing and indicates an anomalous zone 300 feet wide by 1500 feet long.

Anomaly E is not as strong as Anaomaly A but occurs in an area underlain by rocks that are probably stratigraphically equivalent to those underlying the main showing. This anomaly should be further evaluated if Anomaly A proves to be of economic significance.

ECONOMIC POTENTIAL

INTRODUCTION

The economic potential of the property lies in the possibility of developing an economically viable deposit of uranium mineralization in the basal part of the Proterozoic stratigraphic section.

Robertson and Lattanzi (1974) have reviewed the geology and origin of Elliot Lake-type uranium mineralization and the reader is referred to that summary paper if he is not familiar with the exploration model for this type of deposit.

The sequence of events which led to the discovery of uranium on the property has been presented (See Previous Work). The detailed geology of the area of known uranium mineralization is presented on Map 1 and has been discussed above.

GRADE POTENTIAL

Bayne (1968, 1969) has described in detail the exploration work completed by Nordic Mines Limited in the area of the main showing.

Initial sampling of the original showing in the vicinity of line 16N at 15E gave assays of 0.215 percent U_3O_8 over a width of 11 feet and 0.40 percent U_3O_8 over a width of 15 feet.

Three holes (D-1, D-2 and D-3, Map 1) were drilled in October 1968 to test the showing and yielded assays from a trace to 0.04 percent U_3O_8. Bayne (1968) concluded that the holes were not spotted accurately enough to cut the downward extension of the ore grade surface showing and also concluded that AX core was of too small diameter to properly sample the mineralization.

Bayne (1968) recommended a program of trenching, bulk sampling, and shallow percussion drilling to further evaluate the surface showing .

Bayne (1969) has described the results of this work in detail:

(a) Bulk Sampling: Two test shafts were sunk to obtain bulk samples for assay and metallurgical testing. Shaft 1 is located at 16+50N, 15E and is approximately 30 feet deep. A 22 ton bulk sample averaged 0.038 percent (0.76 lbs) U_3O_8 per ton.

Shaft 2 is located at 21+60N, 17+20E and is approximately 25 feet deep. A 10 ton bulk sample from this shaft averaged 0.025 percent (0.50 lbs) U_3O_8 per ton.

(b) Trenching: Numerous trenches were made in outcrop and through overburden. All of the trenches and average chip sample assays for the total length sampled are presented on Map 1. Bayne (1969) presents a detailed sample plan with the individual assays. Substantial widths of low grade uranium mineralization are indicated by this sampling program.

(c) Percussion Drilling: Twenty-nine, shallow percussion drill holes (numbered 1 to 29 on Map 1) were drilled to test the grade of uranium mineralization present. Table 3 summarizes the significant assay data from these holes. The assay data indicates a widespread zone of mineralization that averages 0.029 percent (0.58 lbs) U_3O_8 per ton. Holes 1 to 18 outlined an area 400 feet by 50 feet with an average drill hole depth of 20 to 30 feet and a maximum depth of 80 feet.

Bayne (1969) recognized that a very real sampling problem existed on the property because of the very fine grain size of the uranium mineralization and its apparently erratic distribution.

Comparative results from Shafts 1 and 2 for various sampling methods are presented in Table 4. The bulk samples produced the most representative assays whereas the percussion cuttings generally produced lower than representative assays probably because of the loss of fines in the drilling process. Channel samples could be misleading if the uranium occurs selectively in narrow bands which might be either under or oversampled.

Bayne (1969) recommended a minimum of BX core sampling for any drilling on the property.

ANALYSIS OF TEST HOLES - ROBERTS RIVER PROPERTY - NORDIC INDUSTRIES LTD.

INTERSECTIONS AVERAGING 0.50 LB. U_3O_8 OR BETTER

Hole No.	Total Depth Drilled (feet)	Footage From-To	Sample Length (feet)	Horiz. *Width (feet)	U_3O_8 Assay lb./ton	Low & High Assay in Hole: Minimum U_3O_8 (over 5') lb./ton	Maximum U_3O_8 (over 5') lb./ton
TH-1	20	0 - 20	20	20	0.58	0.50	0.70
TH-2	20	0 - 20	20	20	0.55	0.40	0.70
TH-3	20	0 - 20	20	20	0.65	0.50	0.70
TH-4	25	0 - 10	10	10	0.55	0.30	0.60
TH-5	35	0 - 35	35	35	0.84	0.40	1.00
TH-6	30	0 - 30	30	30	0.58	0.30	1.10
TH-7	25	0 - 10	10	10	0.60	Tr.	0.60
TH-8	60	0 - 60	60	60	0.65	0.40	1.00
TH-9	70	0 - 65	65	65	0.50	0.30	0.70
TH-10	35	20 - 25	5	5	0.50	Tr.	0.50
TH-11	70	30 - 55	25	25	0.52	Tr.	1.00
		65 - 70	5	5	0.60		
TH-12	80	10 - 15	5	5	0.50	Tr.	0.60
		20 - 25	5	5	0.50		
		45 - 50	5	5	0.50		
		65 - 75	10	10	0.55		
TH-13	90	20 - 90	70	70	0.51	Tr.	1.10
TH-14	90	60 - 85	25	25	0.50	Tr.	0.80
TH-15	90	0 - 90	-	-	-	Tr.	0.30
TH-16	90	30 - 35	5	5	0.50	0.20	0.50
TH-17	90	0 - 5	5	5	0.50	Tr.	0.80
		10 - 15	5	5	0.50		
		45 - 70	30	30	0.52		
TH-18	90	0 - 90	-	-	-	Tr.	0.30
TH-19	70	0 - 70	-	-	-	Tr.	0.30
TH-20	90	50 - 80	30	30	0.56	Tr.	0.80
TH-21	80	0 - 15	15	15	0.50	Tr.	0.60
		55 - 60	5	5	0.60		
TH-22	90	0 - 90	-	-	-	Tr.	0.40
TH-23	90	0 - 10	10	10	0.51	Tr.	0.70
		25 - 35	10	10	0.50		
		60 - 90	30	30	0.52		
TH-24	90	85 - 90	5	5	0.60	Tr.	0.60
TH-25	90	30 - 40	10	10	0.60	Tr.	0.80
TH-26	35	0 - 35	-	-	-	Tr.	0.20
TH-27	20	0 - 20	-	-	-	Tr.	0.30
TH-28	20	0 - 10	10	10	0.50	Tr.	0.60
TH-29	90	0 - 90	-	-	-	Tr.	0.40
Total	1795		595				
Average**			19		0.55		

*Note: Calculated assuming dip of bedding 45 degrees north

**Note: Arithmetic Average.

A. S. Bayne, P.Eng.
October 7th, 1969

TABLE 4

SAMPLING METHOD	HORIZONTAL WIDTH (feet)	TOTAL DRY WEIGHT (tons)	AVERAGE ASSAY (% U_3O_8)
SHAFT 1			
1. Percussion drill cuttings Holes 27 and 28	10	---	0.015
2. Channels chipped by hand	20	0.34	0.048
3. Mined channel sample	30	10.90	0.036
4. Muck samples, hand picked	20	0.78	0.062
5. Bulk Sample (total mined)	30	22.20	0.038
SHAFT 2			
1. Percussion drill cuttings	35	0.06	0.025
2. Channels chipped by hand	40	0.10	0.026
3. Bulk sample (total mined)	60	10	0.025

TONNAGE POTENTIAL

On the basis of the current radiometric results (Map 1) and the surface trenching and sampling by Nordic Mines Limited it would appear that a potential surface area of approximately 300 feet by 1500 feet is underlain by steeply dipping Proterozoic argillites which contain widespread uranium mineralization in the 0.02 to 0.03 percent (0.4 to 0.6 lb.) U_3O_8 range.

If the grade can be proven by drilling and if sufficient depth can be established then sufficient volume of rock is present to allow for a large tonnage, low grade deposit.

CONCLUSIONS AND RECOMMENDATIONS

On the basis of the work completed by Nordic Mines Limited and the geological mapping and radiometric surveying completed by the author and assistant it was concluded that the area of the main showing has potential for developing a large tonnage of low grade (0.025 percent U_3O_8) uranium mineralization.

A drill program was started on July 9, 1974. The results of the drilling program are discussed in the following section of this report.

DRILLING PROGRAM

INTRODUCTION

An initial program of drilling was planned to evaluate the grade, depth and strike continuity of the low grade uranium mineralization. Three sections were planned with two holes on each section.

The holes completed are tabulated below. The program was terminated after 5 holes were completed as the potential for a large tonnage had been eliminated.

HOLE NUMBER	LOCATION	ATTITUDE	FOOTAGE
R-74-1	17+95N, 14+50E	$160^{0}/-45^{0}$	204'
R-74-2	20+63N, 9+70E	$160^{0}/-45^{0}$	435'
R-74-3	21+66N, 16+00E	$145^{0}/-45^{0}$	235.4'
R-74-4	22+60N, 12+55E	$145^{0}/-45^{0}$	402.6'
R-74-5	16+00N, 10+25E	$160^{0}/-45^{0}$	527'
Total Footage			1804.0'

DRILL PROGRAM RESULTS

Diamond drill logs and assay data are presented in Appendix 2. Hole locations and summary logs are plotted on Map 1 and on the Drill Sections (in pocket).

All core was split from the start of the hole to the Proterozoic-Archean unconformity.

The assay results do not indicate any substantial widths of low grade mineralization and the abrupt flattening of the unconformity severely limits the depth potential of the property.

Both factors indicate that the property has little economic potential for either a large tonnage, low grade deposit or a small tonnage, high grade deposit.

A possible explanation for the geometry of the unconformity is that it represents an overturned valley, the valley bottom having an easterly strike direction and a dip of 60 to 70 degrees to the north with the roll or flattening in dip representing the valley wall (See Figure 4).

The lack of stratigraphic correlation from one hole to the other suggests that the sedimentary units are lense-like. This lense-type depositional mode probably explains the lack of continuity of the mineralization with depth and along strike.

CONCLUSIONS

The exploration work completed on the property to date has eliminated the potential for a large tonnage, low grade uranium deposit in the area of the main showing. Assay results indicate no substantial widths of low grade mineralization and the drilling indicated that the Proterozoic-Archean unconformity flattens substantially beneath the showing, a factor which limits the depth potential beneath the main showing to 100 to 150 feet.

None of the radiometric anomalies located during the survey would indicate the presence of other areas of uranium mineralization similar in grade to that which occurs in the area of the main showing.

RECOMMENDATIONS

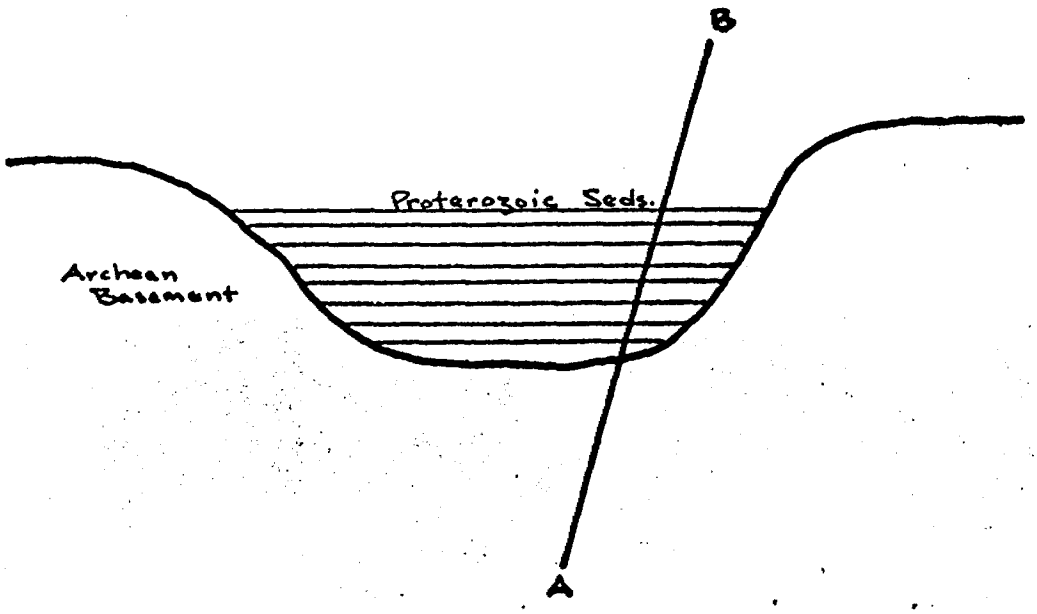
It is recommended that Amax Exploration terminate their option on the property and file all data with the appropriate government agencies.

Respectfully submitted,

Peter T. George, P.Eng.,
Consulting Geologist.

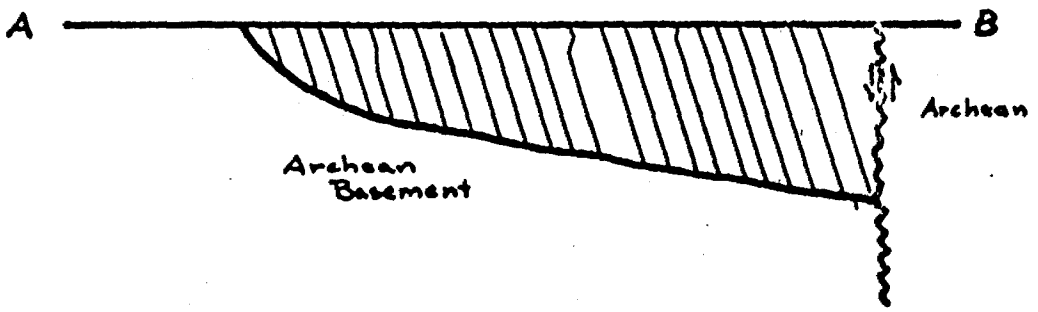
REGISTERED PROFESSIONAL ENGINEER
P. T. GEORGE
PROVINCE OF ONTARIO

Qualifications 63.2350 and on this file



VALLEY DEPOSITIONAL ENVIRONMENT

A - B • Present Erasional Surface



PRESENT ORIENTATION

FIGURE 4

ORIGIN OF UNCONFORMITY STRUCTURE

REFERENCES

Bayne, A.S.

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Gracey, A.H.

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Meyn, H.D.

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1960 Uranium and Thorium deposits at the base of the Huronian System in the District of Sudbury; Ontario Dept. of Mines, Geol. Report 1, 40p.

APPENDIX I
RADIOMETRIC SURVEY DATA

COMPUTER PROGRAM

```
$JOB WATFIV    ULU,TIME=2,PAGES=50 R.GRANT GAMMA RAY
      DIMENSION  RLOC(10),RCC(3)
      WRITE(6,13)
   13 FORMAT('1',////)
      WRITE(6,20)
   20 FORMAT(28X,44HCORRECTED RESULTS  OF  SCINTILLOMETER SURVEY)
      WRITE(6,21)
   21 FORMAT(28X,39HNORDIC OPTION,  ROBERTS TOWNSHIP,  1974)
      WRITE(6,16)
   16 FORMAT(/,28X,43HMEASUREMENTS AND CALCULATIONS BY R.W. GRANT)
      WRITE(6,18)
   18 FORMAT(//,34X,27HURANIUM  THORIUM  POTASSIUM)
      WRITE(6,11)
   11 FORMAT(/,13X,8HLOCATION,2X,7HOUTCROP,   7X,3HC 2,5X,3HC 3,
     25X,3HC 1,11X,3HT 2,5X,3HT 3,5X,3HT 1)
      BONE = 72.00
      BTWO = 65.00
      BTHREE = 41.00
      NCOUNT = 8
      DO 1 I = 1,545
      READ  2,   NC,RLOC,RCC,TONE,TTWO,TTHREE
    2 FORMAT(I4,1X,10(A1),1X,3(A1),F7.2,1X,F7.2,3X,F7.2)
      CONE=TONE-BONE
      CTWO=TTWO-BTWO
      CTHREE=TTHREE-BTHREE
      CNTHRE =CTHREE
      CNTWO=CTWO-(3.5*CNTHRE )
      CNONE=CONE-(1.95*CNTWO) - (4.72*CNTHRE )
      NCOUNT = NCOUNT + 1
      IF(NCOUNT.EQ.36) GO TO 103
      GO TO 101
  103 WRITE(6,19)    I,RLOC,RCC,CNTWO,CNTHRE,CNONE,TTWO,TTHREE,TONE
   19 FORMAT(5X,I4,5X,10(A1),2X,3(A1),5X,3F8.2,5X,3F8.2)
  102 WRITE(6,17)
   17 FORMAT('1',////,34X,27HURANIUM  THORIUM  POTASSIUM)
  100 WRITE(6,14)
   14 FORMAT(          13X,8HLOCATION,2X,7HOUTCROP,7X,3HC 2,5X,3HC 3
     35X,3HC 1,11X,3HT 2,5X,3HT 3,5X,3HT 1)
      NCOUNT = 0
      GO TO 1
  101 WRITE(6,10)    I,RLOC,RCC,CNTWO,CNTHRE,CNONE,TTWO,TTHREE,TONE
   10 FORMAT(5X,I4,5X,10(A1),2X,3(A1),5X,3F8.2,5X,3F8.2)
    1 CONTINUE
      WRITE(6,15)
   15 FORMAT('1')
      STOP
      END

$ENTRY
```

MAPS 5 AND 6 (IN POCKET)

CORRECTED RESULTS OF SCINTILLOMETER SURVEY
NORDIC OPTION, ROBERTS TOWNSHIP, 1974

MEASUREMENTS AND CALCULATIONS BY R.W. GRANT

			URANIUM	THORIUM	POTASSIUM			
	LOCATION	OUTCROP	C 2	C 3	C 1	T 2	T 3	T 1
1	32S14E	NOC	37.50	-3.00	20.04	92.00	38.00	151.00
2	32S15E	NOC	9.00	10.00	31.25	109.00	51.00	168.00
3	32S16E	NOC	-7.50	13.00	51.26	103.00	54.00	170.00
4	32S17E	NOC	17.00	2.00	37.41	89.00	43.00	152.00
5	32S18E	NOC	15.50	5.00	21.18	98.00	46.00	147.00
6	32S19E	NOC	17.00	0.00	29.85	82.00	41.00	135.00
7	32S20E	NOC	10.00	4.00	43.62	89.00	45.00	154.00
8	32S21E	NOC	4.50	11.00	43.30	108.00	52.00	176.00
9	32S22E	NOC	-9.50	7.00	30.49	80.00	48.00	117.00
10	32S24E	NOC	4.50	9.00	16.74	101.00	50.00	140.00
11	32S25E 15W	OC	-4.50	17.00	56.54	120.00	58.00	200.00
12	32S26E	NOC	47.00	-10.00	15.55	77.00	31.00	132.00
13	32S27E	NOC	15.50	-3.00	41.93	70.00	38.00	130.00
14	32S28E 10W	OC	-10.00	8.00	32.74	83.00	49.00	123.00
15	32S29E	NOC	26.50	3.00	1.17	102.00	44.00	139.00
16	32S30E	NOC	18.00	0.00	35.90	83.00	41.00	143.00
17	32S31E	NOC	24.50	-1.00	33.94	86.00	40.00	149.00
18	28S17E	NOC	17.00	6.00	31.53	103.00	47.00	165.00
19	28S18E	NOC	-6.50	7.00	68.63	83.00	48.00	161.00
20	28S19E	OC	-23.50	19.00	36.14	108.00	60.00	152.00
21	28S20E	NOC	-38.00	26.00	51.38	118.00	67.00	172.00
22	28S21E	NOC	1.50	7.00	52.04	91.00	48.00	160.00
23	28S22E	NOC	-10.50	13.00	39.11	100.00	54.00	152.00
24	28S23E	NOC	32.50	-3.00	46.79	87.00	38.00	168.00
25	28S24E	NOC	39.00	-4.00	28.83	90.00	37.00	158.00
26	28S25E	NOC	11.50	3.00	21.42	87.00	44.00	130.00
27	28S26E	NOC	9.00	4.00	24.57	88.00	45.00	133.00
28	28S27E	NOC	6.50	5.00	15.73	89.00	46.00	124.00

	LOCATION	OUTCROP	URANIUM C 2	THORIUM C 3	POTASSIUM C 1	T 2	T 3	T 1
29	28S28E	NOC	13.50	9.00	41.20	110.00	50.00	182.00
30	28S29E	NOC	8.50	7.00	28.39	98.00	48.00	170.00
31	28S30E	NOC	32.00	0.00	18.60	97.00	41.00	153.00
32	28S30S 05S	OC	14.00	4.00	51.82	93.00	45.00	170.00
33	28S31E	NOC	7.50	11.00	42.46	111.00	52.00	181.00
34	28S32E	NOC	24.50	1.00	30.51	93.00	42.00	155.00
35	28S33E	NOC	10.00	4.00	64.62	89.00	45.00	175.00
36	24S06E	NOC	44.00	-2.00	24.64	102.00	39.00	173.00
37	24S07E	NOC	47.00	-4.00	23.23	98.00	37.00	168.00
38	24S08E	NOC	15.50	5.00	49.18	98.00	46.00	175.00
39	24S09E	NOC	55.00	10.00	63.55	155.00	51.00	290.00
40	24S10E	NOC	30.00	4.00	33.62	109.00	45.00	183.00
41	24S11E	NOC	26.50	-3.00	26.49	81.00	38.00	136.00
42	24S12E	NOC	14.50	1.00	22.01	83.00	42.00	127.00
43	24S13E	OC	4.00	8.00	34.44	97.00	49.00	152.00
44	24S14E	NOC	5.00	14.00	49.37	123.00	55.00	205.00
45	24S15E	NOC	92.50	-3.00	-60.21	147.00	38.00	178.00
46	24S16E	NOC	44.00	-2.00	12.64	102.00	39.00	161.00
47	24S17E	NOC	17.50	-3.00	49.04	72.00	38.00	141.00
48	24S18E	NOC	9.50	7.00	34.44	99.00	48.00	158.00
49	24S19E	NOC	21.50	7.00	31.04	111.00	48.00	178.00
50	24S20E	NOC	-0.00	4.00	22.12	79.00	45.00	113.00
51	24S21E	NOC	3.00	6.00	35.83	89.00	47.00	142.00
52	24S22E	NOC	-13.50	13.00	49.96	97.00	54.00	157.00
53	24S23E	NOC	33.00	0.00	20.65	98.00	41.00	157.00
54	24S23E 40S	OC	29.00	4.00	50.57	108.00	45.00	198.00
55	24S24E	NOC	30.50	-1.00	39.24	92.00	40.00	166.00
56	24S25E	NOC	4.50	15.00	41.42	122.00	56.00	193.00
57	24S26E 10N	NOC	-4.50	17.00	45.54	120.00	58.00	189.00
58	24S26S 20N	OC	123.50	69.00	101.49	430.00	110.00	740.00
59	24S27E	NOC	-11.00	28.00	47.29	152.00	69.00	230.00
60	24S28E	NOC	13.50	5.00	30.08	96.00	46.00	152.00
61	24S29E	NOC	32.00	-4.00	42.48	83.00	37.00	158.00
62	24S30E	NOC	1.50	13.00	46.71	112.00	54.00	183.00
63	24S32E	NOC	16.00	-4.00	43.68	67.00	37.00	128.00
64	24S33E	NOC	5.00	2.00	51.81	77.00	43.00	143.00

			URANIUM	THORIUM	POTASSIUM			
	LOCATION	OUTCROP	C 2	C 3	C 1	T 2	T 3	T 1
65	24S34E	NOC	20.50	-1.00	33.74	82.00	40.00	141.00
66	24S35E	NOC	-2.00	0.00	35.90	63.00	41.00	104.00
67	24S3550	OC	3.50	-1.00	33.89	65.00	40.00	108.00
68	24S36E ICE	OC	24.50	7.00	38.19	114.00	48.00	191.00
69	24S37E	NOC	44.00	-12.00	48.84	67.00	29.00	150.00
70	24S3725	OC	71.00	-6.00	64.87	115.00	35.00	247.00
71	20S1CE	NOC	30.50	-5.00	8E.13	78.00	36.00	196.00
72	20S11E	NOC	78.50	-17.00	-2.83	84.00	24.00	142.00
73	20S12E	NOC	31.50	-7.00	17.62	72.00	34.00	118.00
74	20S13E	NOC	41.50	-7.00	24.12	82.00	34.00	144.00
75	20S14E	NOC	20.50	-5.00	53.63	68.00	36.00	142.00
76	20S15E	NOC	50.50	-13.00	32.89	70.00	28.00	142.00
77	20S16E	NOC	-1.50	-1.00	35.64	60.00	40.00	100.00
78	20S17E	NOC	7.50	1.00	42.65	76.00	42.00	134.00
79	20S18E	NOC	50.50	-17.00	5.77	56.00	24.00	96.00
80	20S20E	NOC	40.50	7.00	59.99	130.00	48.00	244.00
81	20S21E	NOC	35.50	1.00	34.06	104.00	42.00	180.00
82	20S22E	NOC	52.50	-13.00	28.99	72.00	28.00	142.00
83	20S23E	NOC	40.50	-9.00	49.51	74.00	32.00	158.00
84	20S24E	NOC	20.50	-5.00	27.63	68.00	36.00	116.00
85	20S26E	NOC	27.50	-7.00	67.42	68.00	34.00	160.00
86	20S27E	NOC	44.50	-5.00	44.83	92.00	36.00	180.00
87	20S28E	NOC	16.50	3.00	59.67	92.00	44.00	178.00
88	20S29E	NOC	22.50	-9.00	24.61	56.00	32.00	98.00
89	20S295 50S	OC	63.50	25.00	46.18	216.00	66.00	360.00
90	20S295 50S	OC	173.50	29.00	32.80	340.00	70.00	580.00
91	20S SPBND	OC	543.50	89.00	148.10	920.00	130.00	1700.00
92	20> LPBND	OC	123.50	9.00	124.70	220.00	50.00	480.00
93	20S30E	NOC	113.50	-11.00	58.60	140.00	30.00	300.00
94	20S31E	NOC	9.50	13.00	56.12	120.00	54.00	208.00
95	20S32E	NOC	12.00	10.00	46.40	112.00	51.00	189.00
96	20S34E	NOC	1.00	18.00	46.09	129.00	59.00	205.00
97	20S35E	NOC	12.00	6.00	26.28	98.00	47.00	150.00
98	20S36E 05N	OC	29.00	8.00	51.69	122.00	49.00	218.00
99	20S37E	OC	2.00	6.00	78.78	88.00	47.00	183.00
100	20S38E	OC	21.50	1.00	58.36	90.00	42.00	177.00

			URANIUM	THORIUM	POTASSIUM			
	LOCATION	CUTCROP	C 2	C 3	C 1	T 2	T 3	T 1
101	20S39E	CC	-14.50	17.00	61.04	110.00	58.00	185.00
102	20S40E	CC	35.00	8.00	8.99	128.00	49.00	187.00
103	20S41E	CC	20.50	7.00	52.99	110.00	48.00	198.00
104	16S13E	CC	58.50	-5.00	81.53	106.00	36.00	244.00
105	16S14E	NOC	7.50	1.00	68.65	76.00	42.00	160.00
106	16S1475	CC	67.50	9.00	37.90	164.00	50.00	284.00
107	16S16E	NCC	-24.50	33.00	106.01	156.00	74.00	286.00
108	16S17E 2CS	OC	23.50	9.00	63.70	120.00	50.00	224.00
109	16S18E	NCC	39.50	1.00	10.26	108.00	42.00	164.00
110	16S19E	NOC	-23.50	11.00	65.90	80.00	52.00	144.00
111	16S20E	NCC	-29.50	23.00	106.96	116.00	64.00	230.00
112	16S21E 10S	CC	54.50	19.00	78.05	186.00	60.00	346.00
113	16S22E	NCC	7.50	3.00	47.21	83.00	44.00	148.00
114	16S23E	NCC	12.50	3.00	45.47	88.00	44.00	156.00
115	16S24E	NCC	23.50	-7.00	37.22	64.00	34.00	122.00
116	16S25E	NOC	25.50	-3.00	68.43	80.00	38.00	176.00
117	16S26E	NOC	11.50	-3.00	33.74	66.00	38.00	114.00
118	16S27E	NCC	21.50	-3.00	22.24	76.00	38.00	122.00
119	16S28E	NOC	22.50	-1.00	80.85	84.00	40.00	192.00
120	16S29E	NOC	52.50	-5.00	39.23	100.00	36.00	190.00
121	16S3CE	CC	93.50	19.00	-104.00	225.00	60.00	240.00
122	16S31E	NOC	17.00	6.00	48.53	103.00	47.00	182.00
123	16S32E	NCC	3.00	2.00	40.71	75.00	43.00	128.00
124	16S33E	NCC	-16.00	14.00	88.12	98.00	55.00	195.00
125	16S34E	NCC	35.50	-3.00	20.93	90.00	38.00	148.00
126	16S35E	CC	23.00	-6.00	56.47	67.00	35.00	145.00
127	16S355C	OC	26.50	1.00	37.61	95.00	42.00	166.00
128	16S36E 10W	CC	40.00	0.00	70.00	105.00	41.00	220.00
129	16S37E	NCC	-1.50	-1.00	37.64	60.00	40.00	102.00
130	16S38E	NOC	-6.00	6.00	1.38	80.00	47.00	90.00
131	16S39E	NCC	11.00	4.00	39.67	90.00	45.00	152.00
132	16S4CE	NOC	15.00	2.00	17.31	87.00	43.00	128.00
133	16S41E 15E	CC	58.50	19.00	39.25	190.00	60.00	315.00
134	12S12E	NCC	11.00	6.00	43.23	97.00	47.00	165.00
135	12S13E	CC	-10.50	11.00	64.55	93.00	52.00	168.00
136	12S14E	NCC	-1.50	9.00	20.44	95.00	50.00	132.00

	LOCATION	OUTCROP	URANIUM C 2	THORIUM C 3	POTASSIUM C 1	T 2	T 3	T 1
137	12S15E	NCC	12.00	6.00	78.28	98.00	47.00	202.00
138	12S16E	NCC	6.50	9.00	52.85	103.00	50.00	180.00
139	12S17E	NCC	19.50	5.00	86.38	102.00	46.00	220.00
140	12S18E	OC	36.50	-3.00	81.99	91.00	38.00	211.00
141	12S19E	NCC	18.00	14.00	74.82	132.00	55.00	248.00
142	12S20E	NOC	11.00	6.00	39.23	97.00	47.00	161.00
143	12S21E	NOC	33.50	1.00	52.96	102.00	42.00	195.00
144	12S22E	NCC	2.50	11.00	62.21	106.00	52.00	191.00
145	12S23E	OC	30.00	18.00	84.54	158.00	59.00	300.00
146	12S24E	NOC	-2.00	14.00	51.82	112.00	55.00	186.00
147	12S25E	NCC	23.00	20.00	80.75	158.00	61.00	292.00
148	12S26E	NCC	7.50	11.00	45.46	111.00	52.00	184.00
149	12S27E	NCC	58.50	-1.00	58.65	120.00	40.00	240.00
150	12S27S 3CN	OC	58.50	19.00	184.24	190.00	60.00	460.00
151	12S28E 05S	OC	143.50	29.00	106.30	310.00	70.00	595.00
152	12S29E	NOC	88.50	9.00	62.95	185.00	50.00	350.00
153	12S30E	NCC	17.50	-1.00	46.60	79.00	40.00	148.00
154	12S31E	NCC	18.00	2.00	56.46	90.00	43.00	173.00
155	12S32E	NCC	30.00	-2.00	34.94	88.00	39.00	156.00
156	12S33E	NCC	15.50	11.00	67.86	119.00	52.00	222.00
157	12S34E	NCC	8.50	3.00	47.26	84.00	44.00	150.00
158	12S35E	NOC	-4.00	6.00	58.48	82.00	47.00	151.00
159	12S35E 2CN	OC	2.50	7.00	55.09	92.00	48.00	165.00
160	12S36E	NOC	-1.50	9.00	36.44	95.00	50.00	148.00
161	12S37E	NOC	18.00	-4.00	43.78	69.00	37.00	132.00
162	12S38E	NOC	25.50	-3.00	49.43	80.00	38.00	157.00
163	12S39E	NOC	-6.50	17.00	67.43	118.00	58.00	207.00
164	08S10E	NOC	41.50	7.00	19.04	131.00	48.00	205.00
165	08S11E	NOC	27.00	0.00	26.35	92.00	41.00	151.00
166	08S12E	NOC	-6.50	11.00	41.75	97.00	52.00	153.00
167	08S13E	NCC	38.00	2.00	18.46	110.00	43.00	174.00
168	08S14E	NOC	16.00	8.00	41.04	109.00	49.00	182.00
169	08S15E	NOC	20.50	7.00	32.99	110.00	48.00	178.00
170	08S16E	NCC	21.50	1.00	34.36	90.00	42.00	153.00
171	08S17E 15S	OC	-273.50	111.00	195.40	180.00	152.00	258.00
172	08S18E	OC	103.50	-1.00	140.90	165.00	40.00	410.00

	LOCATION	CUTCROP	URANIUM C 2	THORIUM C 3	POTASSIUM C 1	T 2	T 3	T 1
173	C8S19E 05N	CC	62.00	4.00	43.22	141.00	45.00	255.00
174	C8S20E	NOC	24.00	0.00	23.20	89.00	41.00	142.00
175	C8S21E	NOC	37.00	-4.00	19.73	88.00	37.00	145.00
176	C8S2160	CC	68.50	19.00	104.75	200.00	60.00	400.00
177	C8S22E	NOC	-4.50	7.00	25.74	85.00	48.00	122.00
178	08S23E	CC	48.50	19.00	83.75	180.00	60.00	340.00
179	C8S24E	NOC	3.50	9.00	25.69	100.00	50.00	147.00
180	C8S25E	NOC	17.50	9.00	45.40	114.00	50.00	194.00
181	C8S26E	NOC	53.00	-6.00	52.97	97.00	35.00	200.00
182	C8S27E 20E	CC	15.50	23.00	61.22	161.00	64.00	272.00
183	C8S28E	NOC	32.50	-5.00	77.23	80.00	36.00	189.00
184	C8S29E	NOC	37.00	-2.00	15.29	95.00	39.00	150.00
185	C8S30E	NOC	25.50	-1.00	34.99	87.00	40.00	152.00
186	C8S31E	NOC	16.00	8.00	39.04	109.00	49.00	180.00
187	C8S32E	NOC	18.50	1.00	37.21	87.00	42.00	150.00
188	C8S33E	NOC	1.50	7.00	60.04	91.00	48.00	168.00
189	C8S34E	NOC	18.00	2.00	45.46	90.00	43.00	162.00
190	C8S35E	NOC	24.00	4.00	25.32	103.00	45.00	163.00
191	C8S36E	NOC	54.50	-11.00	25.65	81.00	30.00	152.00
192	C4SC9W	NOC	7.50	7.00	60.34	97.00	48.00	180.00
193	C4S08W	NOC	34.50	23.00	37.17	180.00	64.00	285.00
194	04S07W	NOC	-11.50	31.00	59.10	162.00	72.00	255.00
195	C4SC6W	NOC	-8.00	14.00	52.52	106.00	55.00	175.00
196	C4SC5W	NOC	-15.00	14.00	59.17	99.00	55.00	168.00
197	04S04W	NOC	39.00	4.00	43.07	118.00	45.00	210.00
198	C4S03W	NOC	11.50	1.00	10.86	80.00	42.00	110.00
199	C4SC2W	NOC	-29.00	32.00	41.51	148.00	73.00	208.00
200	C4S01W	NOC	-2.00	16.00	31.38	119.00	57.00	175.00
201	C4C0BL	NOC	19.00	8.00	22.19	112.00	49.00	169.00
202	C4S01E 1CN	CC	58.50	29.00	187.04	225.00	70.00	510.00
203	C4S02E	NOC	58.50	-1.00	58.65	120.00	40.00	240.00
204	C4S250	OC	93.50	9.00	83.20	190.00	50.00	380.00
205	C4S04E 20S	OC	28.50	29.00	145.54	195.00	70.00	410.00
206	C4S05E	CC	83.50	9.00	87.70	180.00	50.00	365.00
207	C4SC6E 15S	CC	50.00	0.00	32.50	115.00	41.00	202.00
208	C4S720	OC	-6.50	9.00,	37.19	90.00	50.00	139.00

	LOCATION	OUTCROP	URANIUM C 2	THORIUM C 3	POTASSIUM C 1	T 2	T 3	T 1
209	C4SC8E 20S	CC	12.00	8.00	16.84	105.00	49.00	150.00
210	C4SC9E	OC	48.50	19.00	103.75	180.00	60.00	360.00
211	C4S10E	CC	-10.50	13.00	29.11	100.00	54.00	142.00
212	C4S11E	OC	-23.50	21.00	36.70	115.00	62.00	162.00
213	C4S12E	OC	17.00	2.00	48.41	89.00	43.00	163.00
214	C4S13E	NOC	29.00	-4.00	-2.67	80.00	37.00	107.00
215	C4S14E	OC	58.50	5.00	57.33	141.00	46.00	267.00
216	C4S15E	NOC	18.00	10.00	32.70	118.00	51.00	187.00
217	C4S16E	CC	24.50	9.00	79.75	121.00	50.00	242.00
218	C4S17E	NCC	22.50	7.00	56.09	112.00	48.00	205.00
219	C4S18E	NOC	21.50	1.00	41.36	90.00	42.00	160.00
220	C4S19E	NOC	19.00	8.00	73.19	112.00	49.00	220.00
221	COS12W	NOC	33.50	-1.00	17.40	95.00	40.00	150.00
222	COS11W	CC	93.50	59.00	137.19	365.00	100.00	670.00
223	COS10W	NOC	21.00	44.00	119.37	240.00	85.00	440.00
224	COSC9W	OC	73.50	9.00	92.20	170.00	50.00	350.00
225	COSC8W	CC	88.50	49.00	94.14	325.00	90.00	570.00
226	COS07W	OC	76.00	14.00	103.72	190.00	55.00	390.00
227	COS06W	NOC	33.50	-9.00	50.16	67.00	32.00	145.00
228	COS05W	OC	-1.50	19.00	31.24	130.00	60.00	190.00
229	COS04W	NOC	-0.00	30.00	53.40	170.00	71.00	267.00
230	COS03W	NOC	20.50	27.00	56.59	180.00	68.00	296.00
231	COS02W	OC	-3.00	36.00	15.93	188.00	77.00	252.00
232	COS01W	OC	57.50	7.00	50.84	147.00	48.00	268.00
233	C4N10W	NOC	6.00	26.00	-9.42	162.00	67.00	197.00
234	C4NC9W	CC	-9.50	27.00	81.08	150.00	68.00	262.00
235	C4N08W	NOC	-25.00	10.00	71.55	75.00	51.00	142.00
236	C4NC7W	NCC	-10.00	8.00	87.74	83.00	49.00	178.00
237	C4NC6W	NOC	-49.00	42.00	30.31	163.00	83.00	205.00
238	C4N05W	NOC	-36.00	18.00	77.24	92.00	59.00	164.00
239	C4N04W	NOC	4.00	0.00	51.20	69.00	41.00	131.00
240	C4N03W	NOC	-9.50	5.00	64.93	73.00	46.00	142.00
241	C4N02W	NOC	-13.00	8.00	98.59	80.00	49.00	183.00
242	C4N01W	NCC	23.00	6.00	31.83	109.00	47.00	177.00
243	C4N00E	NCC	-35.50	35.00	32.02	152.00	76.00	200.00
244	C4N01E	NOC	16.50	11.00	19.91	120.00	52.00	176.00

			URANIUM	THORIUM	POTASSIUM			
	LOCATION	CUTCROP	C 2	C 3	C 1	T 2	T 3	T 1
245	C4N02E	NOC	20.50	7.00	26.99	110.00	48.00	172.00
246	C4N03E	NOC	24.00	14.00	25.12	138.00	55.00	210.00
247	C4N04E	CC	115.50	17.00	-27.46	240.00	58.00	350.00
248	C4N05E	CC	136.00	14.00	21.72	250.00	55.00	425.00
249	C4N06E	NOC	-18.00	10.00	42.90	82.00	51.00	127.00
250	C4N07E	NOC	19.50	-5.00	-4.43	67.00	36.00	82.00
251	C4N08E	NOC	-3.50	5.00	23.23	79.00	46.00	112.00
252	C4N09E	NOC	1.50	11.00	38.15	105.00	52.00	165.00
253	C4N10E	NOC	-3.00	6.00	44.53	83.00	47.00	139.00
254	C4N11E	NOC	11.50	1.00	22.86	80.00	42.00	122.00
255	C4N12E	NOC	-14.00	14.00	52.22	100.00	55.00	163.00
256	C4N13E	NOC	-14.50	19.00	23.60	117.00	60.00	157.00
257	C4N14E	NOC	39.50	-9.00	54.46	73.00	32.00	161.00
258	C4N15E	NOC	37.00	-4.00	29.73	88.00	37.00	155.00
259	C4N16E	NOC	-4.50	7.00	23.74	85.00	48.00	120.00
260	C8N07W	NOC	-28.00	10.00	98.40	72.00	51.00	163.00
261	C8N06W	NOC	-4.50	5.00	71.18	78.00	46.00	158.00
262	C8N05W	NOC	3.00	4.00	52.27	82.00	45.00	149.00
263	C8N04W	NOC	-12.50	7.00	66.33	77.00	48.00	147.00
264	C8N03W	NOC	-29.00	12.00	118.91	78.00	53.00	191.00
265	C8N02W	NOC	-3.50	15.00	46.02	114.00	56.00	182.00
266	C8N01W	NOC	31.50	17.00	66.34	156.00	58.00	280.00
267	C8N00E	OC	166.00	14.00	-11.78	280.00	55.00	450.00
268	C8N01E	OC	163.50	19.00	39.50	295.00	60.00	520.00
269	C8N02E	CC	188.50	19.00	10.75	320.00	60.00	540.00
270	C8N03E	OC	15.00	8.00	0.99	108.00	49.00	140.00
271	C8N04E	OC	10.50	-7.00	22.57	51.00	34.00	82.00
272	12N08W	NOC	-26.50	11.00	118.75	77.00	52.00	191.00
273	12N07W	NOC	-20.00	4.00	100.12	59.00	45.00	152.00
274	12N06W	NOC	-4.00	2.00	94.36	68.00	43.00	168.00
275	12N05W	NOC	-13.00	10.00	81.15	87.00	51.00	175.00
276	12N04W	NOC	4.00	6.00	52.88	90.00	47.00	161.00
277	12N03W	NOC	-6.50	21.00	36.55	132.00	62.00	195.00
278	12N02W	OC	98.50	19.00	66.25	230.00	60.00	420.00
279	12N01W	NOC	-6.00	12.00	45.06	101.00	53.00	162.00
280	12N00BL	OC	283.50	49.00	143.90	520.00	90.00	1000.00

	LOCATION	CUTCROP	URANIUM C 2	THORIUM C 3	POTASSIUM C 1	T 2	T 3	T 1
281	12N01E	NOC	33.50	-1.00	17.40	95.00	40.00	150.00
282	12N240	OC	13.00	0.00	44.65	78.00	41.00	142.00
283	12N03E	CC	13.00	0.00	20.65	78.00	41.00	118.00
284	12NC8E	CC	50.00	2.00	29.06	122.00	43.00	208.00
285	12N09E 10W	OC	-2.50	7.00	44.83	87.00	48.00	145.00
286	12NC55	NOC	48.50	39.00	39.35	250.00	80.00	390.00
287	12NC575 5S	CC	136.00	34.00	112.32	320.00	75.00	610.00
288	12N10E 10W	OC	138.50	59.00	134.45	410.00	100.00	755.00
289	12N105	NCC	-6.50	9.00	28.19	90.00	50.00	130.00
290	12N11E	NOC	19.00	4.00	34.07	98.00	45.00	162.00
291	12N115	NOC	36.00	14.00	1.72	150.00	55.00	210.00
292	12N1175	NOC	11.50	11.00	61.66	115.00	52.00	208.00
293	12N12E 20N	CC	423.50	29.00	-74.70	590.00	70.00	960.00
294	12N125	CC	158.50	39.00	74.85	360.00	80.00	640.00
295	12N13E	NOC	13.50	9.00	49.20	110.00	50.00	190.00
296	12N14E	NOC	-19.00	14.00	68.97	95.00	55.00	170.00
297	12N15E	NCC	6.50	11.00	48.40	110.00	52.00	185.00
298	12N16E	NCC	16.50	1.00	51.11	85.00	42.00	160.00
299	12N17E	NOC	-24.50	17.00	40.54	100.00	58.00	145.00
300	12N175	NCC	-22.00	14.00	49.82	92.00	55.00	145.00
301	12N18E 10S	OC	151.00	24.00	80.27	300.00	65.00	560.00
302	12N185	NCC	-4.00	14.00	34.72	110.00	55.00	165.00
303	12N19E	NCC	-18.50	21.00	39.95	120.00	62.00	175.00
304	12N20E	NOC	-9.00	14.00	69.47	105.00	55.00	190.00
305	12N21E	NOC	18.50	9.00	34.45	115.00	50.00	185.00
306	12N22E	NOC	8.50	7.00	43.39	98.00	48.00	165.00
307	12N23E	NOC	11.50	11.00	28.66	115.00	52.00	175.00
308	16NC8W	CC	178.50	79.00	127.05	520.00	120.00	920.00
309	16N07W	NOC	36.50	1.00	32.11	105.00	42.00	180.00
310	16N06W	NCC	15.50	7.00	44.74	105.00	48.00	180.00
311	16N05W	NCC	3.50	9.00	52.69	100.00	50.00	174.00
312	16N04W	NOC	15.50	9.00	25.30	112.00	50.00	170.00
313	16NC3W	NOC	16.00	2.00	29.36	88.00	43.00	142.00
314	16N02W	NCC	10.00	8.00	35.74	103.00	49.00	165.00
315	16NC1W	CC	38.00	10.00	41.70	138.00	51.00	235.00
316	16NC6E 15N	CC	35.50	7.00	-14.26	125.00	48.00	160.00

			URANIUM	THORIUM	POTASSIUM			
	LOCATION	OUTCROP	C 2	C 3	C 1	T 2	T 3	T 1
281	12N01E	NOC	33.50	-1.00	17.40	95.00	40.00	150.00
282	12N240	OC	13.00	0.00	44.65	78.00	41.00	142.00
283	12N03E	CC	13.00	0.00	20.65	78.00	41.00	118.00
284	12N08E	CC	50.00	2.00	29.06	122.00	43.00	208.00
285	12N09E 10W	OC	-2.50	7.00	44.83	87.00	48.00	145.00
286	12NC95	NOC	48.50	39.00	39.35	250.00	80.00	390.00
287	12NC975 5S	CC	136.00	34.00	112.32	320.00	75.00	610.00
288	12N10E 10W	OC	138.50	59.00	134.45	410.00	100.00	755.00
289	12N105	NCC	-6.50	9.00	28.19	90.00	50.00	130.00
290	12N11E	NOC	19.00	4.00	34.07	98.00	45.00	162.00
291	12N115	NOC	36.00	14.00	1.72	150.00	55.00	210.00
292	12N1175	NOC	11.50	11.00	61.66	115.00	52.00	208.00
293	12N12E 20N	CC	423.50	29.00	-74.70	590.00	70.00	960.00
294	12N125	CC	158.50	39.00	74.85	360.00	80.00	640.00
295	12N13E	NOC	13.50	9.00	49.20	110.00	50.00	190.00
296	12N14E	NOC	-19.00	14.00	68.97	95.00	55.00	170.00
297	12N15E	NCC	6.50	11.00	48.40	110.00	52.00	185.00
298	12N16E	NCC	16.50	1.00	51.11	85.00	42.00	160.00
299	12N17E	NOC	-24.50	17.00	40.54	100.00	58.00	145.00
300	12N175	NCC	-22.00	14.00	49.82	92.00	55.00	145.00
301	12N18E 10S	OC	151.00	24.00	80.27	300.00	65.00	560.00
302	12N185	NCC	-4.00	14.00	34.72	110.00	55.00	165.00
303	12N19E	NCC	-18.50	21.00	39.95	120.00	62.00	175.00
304	12N20E	NCC	-9.00	14.00	69.47	105.00	55.00	190.00
305	12N21E	NOC	18.50	9.00	34.45	115.00	50.00	185.00
306	12N22E	NOC	8.50	7.00	43.39	98.00	48.00	165.00
307	12N23E	NOC	11.50	11.00	28.66	115.00	52.00	175.00
308	16NC8W	CC	178.50	79.00	127.05	520.00	120.00	920.00
309	16N07W	NOC	36.50	1.00	32.11	105.00	42.00	180.00
310	16N06W	NCC	15.50	7.00	44.74	105.00	48.00	180.00
311	16N05W	NCC	3.50	9.00	52.69	100.00	50.00	174.00
312	16N04W	NOC	15.50	9.00	25.30	112.00	50.00	170.00
313	16NC3W	NOC	16.00	2.00	29.36	88.00	43.00	142.00
314	16N02W	NCC	10.00	8.00	35.74	103.00	49.00	165.00
315	16NC1W	CC	38.00	10.00	41.70	138.00	51.00	235.00
316	16NC6E 15N	CC	35.50	7.00	-14.26	125.00	48.00	160.00

	LOCATION	OUTCROP	URANIUM C 2	THORIUM C 3	POTASSIUM C 1	T 2	T 3	T 1
317	16N07E 10W	NOC	18.50	19.00	87.25	150.00	60.00	285.00
318	16N08E	NOC	-1.50	9.00	68.44	95.00	50.00	180.00
319	16N09E	NOC	-1.50	9.00	28.44	95.00	50.00	140.00
320	16N10E 05W	NOC	-31.50	29.00	37.54	135.00	70.00	185.00
321	16N11E	NOC	36.00	4.00	48.92	115.00	45.00	210.00
322	16N12E	NOC	13.50	9.00	44.20	110.00	50.00	185.00
323	16N13E	NOC	10.50	17.00	-7.71	135.00	58.00	165.00
324	16N14E 05W	OC	105.00	0.00	13.25	170.00	41.00	290.00
325	16N145	OC	796.00	174.00	154.52	1470.00	215.00	2600.00
326	16N15E 15S	CC	1851.00	224.00	161.27	2700.00	265.00	4900.00
327	16N155 10S	CC	623.50	189.00	-179.90	1350.00	230.00	2000.00
328	16N16E	CC	173.50	189.00	97.60	900.00	230.00	1400.00
329	16N165	CC	1046.00	34.00	-402.18	1230.00	75.00	1870.00
330	16N17E 15S	CC	-16.50	29.00	93.29	150.00	70.00	270.00
331	16N175	NOC	13.50	-1.00	16.39	75.00	40.00	110.00
332	16N18E	NOC	-9.00	14.00	9.47	105.00	55.00	130.00
333	16N19E	NOC	-26.50	19.00	59.99	105.00	60.00	170.00
334	16N20E	NOC	-36.50	29.00	87.29	130.00	70.00	225.00
335	16N21E	NOC	-22.50	15.00	41.07	95.00	56.00	140.00
336	16N22E	NOC	-1.50	7.00	22.88	88.00	48.00	125.00
337	16N23E	NOC	-16.50	19.00	30.49	115.00	60.00	160.00
338	20N11W	NOC	21.50	17.00	18.84	146.00	58.00	213.00
339	20N10W	NOC	17.00	4.00	25.97	96.00	45.00	150.00
340	20N09W	NOC	13.00	14.00	46.57	127.00	55.00	210.00
341	20N07W	NOC	16.00	6.00	53.48	102.00	47.00	185.00
342	20N06W	NOC	9.00	6.00	58.13	95.00	47.00	176.00
343	20N05W	NOC	33.00	4.00	40.77	112.00	45.00	196.00
344	20N04W	NOC	4.50	11.00	47.30	108.00	52.00	180.00
345	20N03W	NOC	20.50	7.00	44.95	110.00	48.00	190.00
346	20N02W	NOC	12.50	9.00	41.15	109.00	50.00	180.00
347	20N01W	OC	21.50	3.00	15.92	97.00	44.00	144.00
348	20N00BL	NOC	16.50	9.00	43.35	113.00	50.00	190.00
349	20N01E	NOC	45.00	10.00	43.05	145.00	51.00	250.00
350	20N02E	NOC	0.50	23.00	15.46	146.00	64.00	197.00
351	20N03E	NOC	41.50	1.00	17.36	110.00	42.00	175.00
352	20N04E	OC	41.50	13.00	-2.28	152.00	54.00	212.00

	LOCATION	OUTCROP	URANIUM C 2	THORIUM C 3	POTASSIUM C 1	T 2	T 3	T 1
353	20N05E	NOC	27.00	0.00	42.35	92.00	41.00	167.00
354	20N06E	NOC	19.00	14.00	46.87	133.00	55.00	222.00
355	20N07E	NOC	12.00	6.00	48.28	98.00	47.00	172.00
356	20N08E	NOC	-10.00	20.00	41.10	125.00	61.00	188.00
357	20N09E	NOC	7.00	14.00	53.27	121.00	55.00	205.00
358	20N10E	NOC	-4.00	12.00	51.16	103.00	53.00	172.00
359	20N1050	NOC	10.50	11.00	35.61	114.00	52.00	180.00
360	20N11E	NOC	18.00	-6.00	-3.78	62.00	35.00	75.00
361	20N12E	NOC	13.50	7.00	30.64	103.00	48.00	162.00
362	20N13E	NOC	18.50	1.00	45.21	87.00	42.00	158.00
363	20N14E	NCC	21.00	4.00	48.17	100.00	45.00	180.00
364	20N145	NOC	28.50	-1.00	22.15	90.00	40.00	145.00
365	20N15E	OC	46.00	14.00	2.22	160.00	55.00	230.00
366	20N1525	CC	103.50	69.00	90.49	410.00	110.00	690.00
367	20N155	OC	376.00	94.00	21.12	770.00	135.00	1270.00
368	20N16E	NOC	31.00	14.00	36.47	145.00	55.00	235.00
369	20N165	NCC	21.00	14.00	25.97	135.00	55.00	205.00
370	20N17E	NOC	-16.50	19.00	45.49	115.00	60.00	175.00
371	20N175	NOC	16.00	4.00	52.92	95.00	45.00	175.00
372	20N18E	NOC	33.50	-1.00	27.40	95.00	40.00	160.00
373	20N185	NOC	13.50	9.00	54.20	110.00	50.00	195.00
374	20N19E	NOC	31.00	4.00	48.67	110.00	45.00	200.00
375	20N195	NCC	-16.50	19.00	50.49	115.00	60.00	180.00
376	20N20E	NOC	-9.00	14.00	34.47	105.00	55.00	155.00
377	20N21E	NOC	-1.50	9.00	48.44	95.00	50.00	160.00
378	20N22E	NOC	6.00	4.00	27.42	85.00	45.00	130.00
379	20N225	NCC	-1.50	9.00	73.44	95.00	50.00	185.00
380	20N235	NOC	8.50	9.00	53.95	105.00	50.00	185.00
381	20N23E	NOC	-14.00	24.00	72.02	135.00	65.00	230.00
382	20N24E	NOC	-26.50	19.00	49.99	105.00	60.00	160.00
383	24N20W	NOC	41.00	0.00	28.05	106.00	41.00	180.00
384	24N19W	OC	34.50	5.00	26.13	117.00	46.00	189.00
385	24N18W	OC	29.00	6.00	40.13	115.00	47.00	197.00
386	24N17W	CC	40.50	1.00	32.31	109.00	42.00	188.00
387	24N16W	NCC	5.00	28.00	31.09	168.00	69.00	245.00
388	24N15W	NOC	8.50	7.00	1.39	98.00	48.00	123.00

	LOCATION	CULTCROP	URANIUM C 2	THORIUM C 3	POTASSIUM C 1	T 2	T 3	T 1
389	24N14W	NOC	27.50	1.CO	14.66	96.00	42.00	145.00
390	24N13W	NOC	15.50	11.CO	27.86	119.00	52.00	182.00
391	24N12W	NCC	21.50	7.CO	22.04	111.00	48.00	169.00
392	24N11W	NOC	16.00	2.CO	27.36	88.0C	43.00	140.00
393	24N1CW	NOC	31.50	1.00	16.86	100.00	42.00	155.00
394	24NC9W	NCC	6.50	1.CO	4.61	75.00	42.00	94.00
395	24N08W	NOC	40.50	7.CO	17.99	130.00	48.00	202.00
396	24N07W	NOC	22.50	1.00	29.41	91.00	42.00	150.00
397	24N06W	NOC	13.50	3.CO	25.51	89.00	44.00	138.00
398	24N550	OC	73.50	9.CO	42.20	170.00	50.00	300.00
399	24N05W	NOC	-1.50	15.CO	28.12	116.00	56.00	168.00
400	24N04W	NOC	12.00	6.CO	16.28	98.00	47.00	140.00
401	24N03W	NCC	15.50	5.CO	31.18	98.00	46.00	157.00
402	24N02W	NOC	14.00	6.CC	32.38	1C0.00	47.00	160.00
403	24N01W	NCC	38.50	1.00	13.21	107.00	42.00	165.00
404	24N00BL	NOC	27.50	-3.CO	38.54	82.0C	38.00	150.00
405	24N01E	NOC	42.50	-11.00	18.05	69.00	30.00	121.00
406	24N150	OC	-15.50	9.CO	23.74	81.00	50.00	108.00
407	24N02E	NOC	28.00	-8.CO	13.16	65.00	33.00	102.00
408	24N325 05S	OC	116.00	24.00	138.52	265.00	65.00	550.00
409	24N04E	NOC	36.C0	-6.CO	36.12	80.00	35.00	150.00
410	24N05E	NCC	93.50	9.CO	93.20	150.0C	50.00	390.00
411	24NC7E	NOC	13.50	7.CO	48.64	103.00	48.00	180.00
412	24NC8E	NOC	23.00	4.CO	36.27	102.00	45.00	172.00
413	24NC9E	NOC	34.00	6.CO	36.38	120.00	47.00	203.00
414	24N10E	NOC	32.50	-11.00	-2.45	59.00	30.00	81.00
415	24N11E	NOC	-24.00	6.CO	42.48	62.00	47.00	96.00
416	24N12E	NOC	-15.00	10.CO	20.05	85.00	51.00	110.00
417	24N13E	OC	243.50	169.CO	225.50	900.00	210.00	1570.00
418	24N1350	OC	258.50	79.CO	151.05	6C0.00	120.00	11C0.00
419	24N14E	NCC	38.50	19.00	83.25	170.00	60.00	320.00
420	24N1485	OC	513.50	189.CO	284.60	1240.00	230.00	2250.00
421	24N1550	OC	298.50	139.CO	199.85	850.CC	180.00	1510.00
422	24N16E 10N	OC	233.50	1C9.CO	138.20	680.00	150.00	1180.00
423	24N1640	OC	418.5C	99.CO	204.65	830.00	140.00	1560.00
424	24N17E 15S	OC	483.50	179.CC	265.30	1175.00	220.00	2125.00

	LOCATION	CULTCROP	URANIUM C 2	THORIUM C 3	POTASSIUM C 1	T 2	T 3	T 1
425	24N18E	NOC	53.50	-1.00	68.40	115.00	40.00	240.00
426	24N19E	NCC	41.50	1.00	42.36	110.00	42.00	200.00
427	24N20E	NOC	25.50	17.00	68.04	150.00	58.00	270.00
428	24N21E	NCC	30.00	12.00	47.86	137.00	53.00	235.00
429	24N22E	NOC	-0.00	24.00	62.72	149.00	65.00	248.00
430	28N23W	NCC	22.00	2.00	42.66	94.00	43.00	167.00
431	28N22W	NOC	42.50	1.00	22.41	111.00	42.00	182.00
432	28N21W	OC	51.50	-1.00	26.29	113.00	40.00	194.00
433	28N20W	NOC	38.00	-8.00	22.66	75.00	33.00	131.00
434	28N19W	NOC	24.50	1.00	11.51	93.00	42.00	136.00
435	28N18W	NOC	20.50	7.00	21.99	110.00	48.00	167.00
436	28N17W	NOC	-10.00	8.00	41.74	83.00	49.00	132.00
437	28N16W	NOC	15.50	9.00	27.30	112.00	50.00	172.00
438	28N15W	NOC	34.00	-8.00	33.46	71.00	33.00	134.00
439	28N14W	NOC	16.50	1.00	36.11	85.00	42.00	145.00
440	28N13W	NOC	45.00	-10.00	30.45	75.00	31.00	143.00
441	28N12W	NOC	40.00	-2.00	35.44	98.00	39.00	176.00
442	28N11W	NOC	23.50	-3.00	23.34	78.00	38.00	127.00
443	28N10W	NOC	24.50	-5.00	20.82	72.00	36.00	117.00
444	28NC9W	CC	37.50	1.00	0.16	106.00	42.00	150.00
445	28N850	OC	68.50	-1.00	129.15	130.00	40.00	330.00
446	28N07W	NOC	-0.50	13.00	36.61	110.00	54.00	169.00
447	28NC6W	NOC	21.50	-1.00	37.79	83.00	40.00	147.00
448	28N05W	NOC	24.50	9.00	26.75	121.00	50.00	189.00
449	28N04W	NOC	44.00	-4.00	24.08	95.00	37.00	163.00
450	28N03W	NOC	27.00	0.00	27.35	92.00	41.00	152.00
451	28N02W	NCC	2.50	7.00	38.09	92.00	48.00	148.00
452	28N01W	NCC	12.50	3.00	46.47	88.00	44.00	157.00
453	28N00BL	NOC	8.00	0.00	20.40	73.00	41.00	108.00
454	28N01E	NCC	13.00	2.00	53.21	85.00	43.00	160.00
455	28N02E	NCC	23.00	0.00	28.15	88.00	41.00	145.00
456	28N03E	NOC	9.50	7.00	68.44	99.00	48.00	192.00
457	48N23W	OC	-14.50	7.00	53.24	75.00	48.00	130.00
458	48N22W	OC	28.00	2.00	21.96	100.00	43.00	158.00
459	48N21W	OC	22.50	1.00	51.41	91.00	42.00	172.00
460	48N20W	NOC	22.50	-5.00	39.73	70.00	36.00	132.00

	LOCATION	OUTCROP	URANIUM C 2	THORIUM C 3	POTASSIUM C 1	T 2	T 3	T 1
461	48N19W	NOC	38.50	-9.00	20.41	72.00	32.00	125.00
462	48N18W	NOC	23.00	-8.00	40.91	60.00	33.00	120.00
463	52N25W	NOC	44.50	-9.00	18.71	78.00	32.00	135.00
464	52N24W	NOC	3.50	7.00	35.13	93.00	48.00	147.00
465	52N2340	OC	-11.50	9.00	45.94	85.00	50.00	138.00
466	52N23W	NOC	3.50	7.00	38.13	93.00	48.00	150.00
467	52N2275	OC	38.00	2.00	37.46	110.00	43.00	193.00
468	52N22W	NOC	15.00	2.00	17.31	87.00	43.00	128.00
469	52N2115	OC	36.00	14.00	71.72	150.00	55.00	280.00
470	52N20W	NOC	6.00	26.00	58.58	162.00	67.00	265.00
471	52N1950	OC	41.50	11.00	18.16	145.00	52.00	223.00
472	52N19W	NOC	38.00	10.00	6.70	138.00	51.00	200.00
473	52N18W	NOC	35.00	-6.00	50.07	79.00	35.00	162.00
474	52N17W	NOC	7.00	0.00	26.35	72.00	41.00	112.00
475	52N1660	OC	22.50	7.00	31.09	112.00	48.00	180.00
476	52N16W	NOC	-4.00	2.00	38.36	68.00	43.00	112.00
477	52N15W	NOC	18.50	1.00	47.21	87.00	42.00	160.00
478	52N14W	NOC	18.50	-3.00	44.09	73.00	38.00	138.00
479	56N25W	NOC	0.50	7.00	21.99	90.00	48.00	128.00
480	56N24W	NOC	16.50	-1.00	5.55	78.00	40.00	105.00
481	56N23W	NOC	7.50	7.00	15.34	97.00	48.00	135.00
482	56N22W	NOC	46.00	-6.00	9.62	90.00	35.00	143.00
483	56N21W	NOC	4.50	11.00	65.30	108.00	52.00	198.00
484	56N20W	NOC	8.50	9.00	38.95	105.00	50.00	170.00
485	56N1950	OC	78.50	9.00	122.45	175.00	50.00	390.00
486	56N19W	NOC	8.50	-1.00	41.14	70.00	40.00	125.00
487	56N179 2CS	OC	28.50	9.00	77.95	125.00	50.00	248.00
488	56N17W	OC	53.50	9.00	81.20	150.00	50.00	300.00
489	56N16W	NOC	68.50	19.00	124.75	200.00	60.00	420.00
490	56N15W	NOC	41.00	-6.00	26.37	85.00	35.00	150.00
491	56N14W	NOC	10.00	2.00	39.06	82.00	43.00	140.00
492	56N13W	NOC	15.00	2.00	39.31	87.00	43.00	150.00
493	56N12W	NOC	23.50	9.00	41.70	120.00	50.00	202.00
494	56N11W	NOC	11.00	2.00	59.11	83.00	43.00	162.00
495	56N950	OC	38.50	7.00	34.89	128.00	48.00	215.00
496	60N22W	NOC	24.50	3.00	36.07	100.00	44.00	170.00

			URANIUM	THORIUM	POTASSIUM			
	LOCATION	CULTCROP	C 2	C 3	C 1	T 2	T 3	T 1
497	6CN21W	NOC	-9.00	12.00	50.91	98.00	53.00	162.00
498	6CN20W	NOC	1.50	11.00	70.15	105.00	52.00	197.00
499	6CN19W	NOC	13.00	2.00	46.21	85.00	43.00	153.00
500	6CN18W	NOC	13.50	11.00	37.76	117.00	52.00	188.00
501	6CN17W	NOC	21.00	-2.00	27.49	79.00	39.00	131.00
502	6CN16W	NOC	15.00	0.00	49.75	80.00	41.00	151.00
503	6CN15W	NOC	22.50	1.00	49.41	91.00	42.00	170.00
504	6CN14W	NOC	20.50	-1.00	45.74	82.00	40.00	153.00
505	6CN13W	NOC	2.00	6.00	64.78	88.00	47.00	169.00
506	6CN12W	NOC	-19.50	15.00	50.22	98.00	56.00	155.00
507	6CN11W	NOC	18.00	0.00	26.90	83.00	41.00	134.00
508	6CN10W	NOC	4.00	4.00	46.32	83.00	45.00	145.00
509	6CNC9W	NOC	-1.00	6.00	43.63	85.00	47.00	142.00
510	6CNE25	CC	12.00	10.00	57.40	112.00	51.00	200.00
511	6CNC7W	NOC	2.50	21.00	74.01	141.00	62.00	250.00
512	64N19W	NOC	-104.00	54.00	65.92	150.00	95.00	190.00
513	64N18W	NOC	-259.00	134.00	150.57	275.00	175.00	350.00
514	64N17W	NOC	13.50	9.00	29.20	110.00	50.00	170.00
515	64N16W	NCC	-37.00	24.00	49.87	112.00	65.00	163.00
516	64N15W	NOC	46.00	-8.00	44.06	83.00	33.00	168.00
517	64N14W	NOC	28.50	-3.00	23.59	83.00	38.00	137.00
518	64N13W	NCC	17.00	10.00	37.65	117.00	51.00	190.00
519	64N12W	NOC	29.50	1.00	37.76	98.00	42.00	172.00
520	64N11W	NOC	30.50	-3.00	34.68	85.00	38.00	152.00
521	64N1050	CC	83.50	-11.00	127.10	110.00	30.00	310.00
522	64N10W	NOC	-3.50	9.00	33.35	93.00	50.00	141.00
523	64NC9W	CC	36.50	19.00	77.15	168.00	60.00	310.00
524	64NC8W	NOC	21.00	4.00	-9.83	100.00	45.00	122.00
525	64N07W	NOC	35.50	1.00	1.26	108.00	42.00	155.00
526	64N06W	NCC	22.00	30.00	53.50	192.00	71.00	310.00
527	64N05W	CC	113.50	39.00	72.59	315.00	80.00	550.00
528	64NC4W	NOC	-14.50	11.00	22.35	89.00	52.00	118.00
529	64NC3W	NOC	-9.50	9.00	29.04	87.00	50.00	125.00
530	64NC2W	CC	-2.50	7.00	51.83	87.00	48.00	152.00
531	64NC1W	CC	7.00	12.00	47.71	114.00	53.00	190.00
532	6EN13W	NCC	30.00	16.00	55.98	151.00	57.00	262.00

	LOCATION	OUTCROP	URANIUM C 2	THORIUM C 3	POTASSIUM C 1	T 2	T 3	T 1
S33	68N12W	NOC	-50.50	21.00	62.35	88.00	62.00	135.00
S34	68N11W	NCC	-34.50	17.00	43.03	90.00	58.00	128.00
S35	68N99O	OC	13.50	27.00	49.24	173.00	68.00	275.00
S36	68NC9W	OC	38.00	10.00	56.70	138.00	51.00	250.00
S37	68NO8W	OC	18.50	9.00	84.45	115.00	50.00	235.00
S38	68NO7W	CC	18.50	11.00	93.01	122.00	52.00	253.00
S39	68NO6W	OC	17.00	16.00	124.33	138.00	57.00	305.00
S40	68NO4W	OC	37.50	-3.00	56.04	92.00	38.00	187.00
S41	68NO3W	NCC	17.00	8.00	58.09	110.00	49.00	201.00
S42	68NO2W	CC	4.50	11.00	59.30	108.00	52.00	192.00
S43	68NO1W	OC	-5.00	18.00	61.79	123.00	59.00	209.00
S44	68NOOE 10S	OC	22.50	7.00	49.09	112.00	48.00	198.00
S45	68NO1E	OC	-19.50	15.00	80.22	98.00	56.00	185.00

CORRECTED RESULTS OF SCINTILLOMETER SURVEY
SHOWING - NORDIC OPTION, ROBERTS TWP., 1974

MEASUREMENTS AND CALCULATIONS BY R.W. GRANT

STATION NUMBER	LOCATION	OUTCROP	URANIUM C 2	THORIUM C 3	POTASSIUM C 1	T 2	T 3	T 1
1	TR AA 00	OC	378.50	99.00	82.65	790.00	140.00	1360.00
2	TR AA 01	OC	328.50	59.00	58.95	600.00	100.00	1050.00
3	TR AA 03	OC	783.50	229.00	159.30	1650.00	270.00	2840.00
4	TR AA 02	OC	671.00	184.00	-8.93	1380.00	225.00	2240.00
5	TR AA 04	CC	648.50	259.00	220.95	1620.00	300.00	2780.00
6	TR AA 05	OC	233.50	389.00	536.59	1660.00	430.00	2900.00
7	TR AA 06	NOC	391.00	84.00	119.07	750.00	125.00	1350.00
8	TR AA 07	NOC	458.50	79.00	61.05	800.00	120.00	1400.00
9	TR AA 08	NOC	551.00	124.00	138.27	1050.00	165.00	1870.00
10	TR AA 09	NOC	196.00	54.00	10.92	450.00	95.00	720.00
11	TR AA 10	CC	[illegible]3.50	229.00	133.30	1530.00	270.00	2580.00
12	TR AA 11	OC	111[illegible].50	169.00	-781.00	1770.00	210.00	2260.00
13	TR AA 12	OC	508.50	159.00	165.95	1130.00	200.00	1980.00
14	TR AA 13	CC	518.50	219.00	233.25	1350.00	260.00	2350.00
15	TR AA 14	OC	416.00	134.00	204.32	950.00	175.00	1720.00
16	TR AA 15	CC	523.50	209.00	170.70	1320.00	250.00	2250.00
17	TR AA 16	OC	1023.50	309.00	273.70	2170.00	350.00	3800.00
18	TR AA 17	OC	388.50	199.00	151.15	1150.00	240.00	1920.00
19	TR AA 18	CC	553.50	209.00	262.20	1350.00	250.00	2400.00
20	TR AA 19	OC	366.00	134.00	191.82	900.00	175.00	1610.00
21	TR AA 20	CC	268.50	59.00	35.95	540.00	100.00	910.00
22	TR AA 21	CC	348.50	59.00	9.95	620.00	100.00	1040.00
23	TR AA 22	OC	383.50	109.00	45.70	830.00	150.00	1380.00
24	TR AA 23	OC	328.50	99.00	170.15	740.00	140.00	1350.00
25	TR AA 24	CC	333.50	129.00	93.80	850.00	170.00	1430.00
26	TR AA 25	OC	518.50	159.00	116.45	1140.00	200.00	1950.00
27	TR AA 26	OC	428.50	99.00	105.15	840.00	140.00	1480.00
28	TR AA 27	OC	378.50	119.00	8.25	860.00	160.00	1380.00

	LOCATION	OUTCROP	URANIUM C 2	THORIUM C 3	POTASSIUM C 1	T 2	T 3	T 1
29	TR AA 28	OC	383.50	89.00	10.10	760.00	130.00	1250.00
30	TR AA 29	OC	323.50	89.00	77.10	700.00	130.00	1200.00
31	TR AA 30	OC	453.50	69.00	78.00	780.00	110.00	1360.00
32	TR AA 31	OC	448.50	39.00	69.35	650.00	80.00	1200.00
33	TR AA 32	OC	568.50	79.00	126.55	910.00	120.00	1680.00
34	TR AA 33	OC	428.50	59.00	95.15	840.00	140.00	1470.00
35	TR AA 34	OC	311.00	24.00	8.27	460.00	65.00	800.00
36	TR AA 35	OC	238.50	79.00	110.05	580.00	120.00	1020.00
37	TR AA 36	OC	178.50	79.00	127.05	520.00	120.00	920.00
38	TR AA 37	OC	216.00	34.00	16.32	400.00	75.00	670.00
39	PITS 01	OC	20.50	7.00	99.99	110.00	48.00	245.00
40	PITS 02A	OC	221.50	21.00	211.96	360.00	62.00	815.00
41	PITS 02B	OC	526.00	214.00	342.22	1340.00	255.00	2450.00
42	PITS 02C	OC	1028.50	259.00	499.95	2000.00	300.00	3800.00
43	PITS 03A	OC	416.00	34.00	131.32	600.00	75.00	1175.00
44	PITS 03B	OC	276.00	34.00	79.32	460.00	75.00	850.00
45	PITS 03C	OC	338.50	99.00	100.65	750.00	140.00	1300.00
46	PIT M25 01	OC	1578.50	359.00	855.45	2900.00	400.00	5700.00
47	PIT M25 02	OC	1828.50	59.00	258.95	2100.00	100.00	4175.00
48	PIT M25 03	OC	441.00	284.00	727.57	1500.00	325.00	3000.00
49	PIT M25 04	OC	796.00	154.00	448.92	1400.00	195.00	2800.00
50	PIT M25 05	OC	978.50	209.00	533.45	1775.00	250.00	3500.00
51	PIT M25 06	OC	2528.50	659.00	886.95	4900.00	700.00	9000.00
52	PIT M25 07	OC	2728.50	559.00	668.95	4750.00	600.00	8700.00
53	PIT M25 08	OC	488.50	59.00	96.95	760.00	100.00	1400.00
54	PIT M25 09	OC	751.00	224.00	606.27	1600.00	265.00	3200.00
55	PIT M25 10	OC	498.50	119.00	144.25	930.00	160.00	1750.00
56	PIT M25 11	OC	23.00	2.00	148.71	95.00	43.00	275.00
57	PIT M25 12	OC	48.50	-11.00	70.35	75.00	30.00	185.00
58	PIT M25 13	OC	171.00	64.00	222.47	460.00	105.00	930.00
59	PIT M25 14	OC	276.50	131.00	570.51	800.00	172.00	1800.00
60	PIT M25 15	OC	443.50	169.00	190.50	1100.00	210.00	1925.00
61	PIT M25 16	OC	423.50	69.00	176.50	730.00	110.00	1400.00
62	PIT M25 17	OC	723.50	189.00	125.10	1450.00	230.00	2500.00
63	PIT M25 18	OC	418.50	79.00	189.05	760.00	120.00	1450.00
64	PIT M25 19	OC	458.50	79.00	121.05	800.00	120.00	1460.00

	LOCATION	CUTCROP	URANIUM C 2	THORIUM C 3	POTASSIUM C 1	T 2	T 3	T 1
65	#2 LEV #1P		1466.00	234.00	464.82	2350.00	275.00	4500.00
66	#2 LEV #2P		486.00	194.00	264.62	1230.00	235.00	2200.00
67	#1 LEV #2P		706.00	194.00	85.62	1450.00	235.00	2450.00
68	JULY 8/74	OC	48.50	9.00	150.95	145.00	50.00	360.00
69	SHOWING	OC	81.00	64.00	187.97	370.00	105.00	720.00
70	FBIS TWP	CC	96.00	14.00	164.72	210.00	55.00	490.00
71		CC	118.50	39.00	182.84	320.00	80.00	670.00
72		OC	278.50	59.00	266.45	550.00	100.00	1160.00
73		CC	178.50	59.00	231.45	450.00	100.00	930.00
74		OC	158.50	19.00	149.25	290.00	60.00	620.00
75		OC	136.00	54.00	232.92	390.00	95.00	825.00
76		CC	153.50	69.00	203.00	460.00	110.00	900.00
77		OC	188.50	99.00	303.15	600.00	140.00	1210.00
78		CC	113.50	89.00	276.59	490.00	130.00	990.00
79		OC	-31.50	119.00	307.74	450.00	160.00	880.00
80		OC	413.50	249.00	466.40	1350.00	290.00	2520.00
81		CC	118.50	259.00	494.44	1090.00	300.00	2020.00
82		OC	3.50	209.00	324.69	800.00	250.00	1390.00
83		OC	528.50	259.00	374.95	1500.00	300.00	2700.00
84		CC	231.00	84.00	161.07	590.00	125.00	1080.00
85		OC	103.50	159.00	300.69	725.00	200.00	1325.00
86		OC	218.50	69.00	176.25	525.00	110.00	1000.00
87		OC	183.50	109.00	285.70	630.00	150.00	1230.00
88		OC	308.50	139.00	300.35	860.00	180.00	1630.00
89		OC	328.50	119.00	205.75	810.00	160.00	1480.00
90		OC	198.50	139.00	304.85	750.00	180.00	1420.00
91		OC	268.50	169.00	331.75	925.00	210.00	1725.00
92		CC	283.50	169.00	277.50	940.00	210.00	1700.00
93		OC	241.00	84.00	186.57	600.00	125.00	1125.00
94		OC	173.50	69.00	164.00	480.00	110.00	900.00
95		OC	603.50	259.00	468.70	1575.00	300.00	2940.00
96		OC	158.50	119.00	157.25	640.00	160.00	1100.00
97		OC	1053.50	309.00	715.20	2200.00	350.00	4300.00
98		OC	628.50	159.00	151.95	1250.00	200.00	2200.00
99		OC	208.50	119.00	159.75	690.00	160.00	1200.00
100		CC	273.50	189.00	302.60	1000.00	230.00	1800.00

LOCATION	OUTCROP	URANIUM C 2	THORIUM C 3	POTASSIUM C 1	T 2	T 3	T 1
101	OC	61.00	84.00	122.57	420.00	125.00	710.00
102	OC	253.50	259.00	486.20	1225.00	300.00	2275.00
103	OC	113.50	149.00	283.39	700.00	190.00	1280.00
104	OC	-1.50	99.00	263.65	410.00	140.00	800.00
105	OC	56.00	134.00	276.32	550.00	175.00	1090.00
106	OC	228.50	159.00	191.95	850.00	200.00	1460.00
107	OC	268.50	219.00	400.75	1100.00	260.00	2030.00
108	OC	68.50	159.00	223.94	690.00	200.00	1180.00
109	OC	308.50	279.00	509.55	1350.00	320.00	2500.00
110	OC	-56.50	169.00	140.49	600.00	210.00	900.00
111	OC	58.50	199.00	321.64	860.00	240.00	1525.00
112	OC	878.50	559.00	776.45	2900.00	600.00	5200.00
113	OC	243.50	209.00	96.70	1040.00	250.00	1630.00
114	OC	186.00	134.00	157.82	720.00	175.00	1225.00
115	OC	166.00	134.00	96.82	700.00	175.00	1125.00
116	OC	53.50	59.00	20.19	325.00	100.00	475.00
117	OC	501.00	284.00	110.57	1560.00	325.00	2500.00
118	OC	291.00	284.00	100.07	1350.00	325.00	2080.00
119	OC	168.50	119.00	67.75	650.00	160.00	1030.00
120	OC	223.50	249.00	216.90	1160.00	250.00	1900.00
121	OC	1103.50	409.00	45.70	2600.00	450.00	4200.00
122	OC	253.50	259.00	36.20	1225.00	300.00	1825.00
123	OC	1.00	84.00	19.57	360.00	125.00	490.00
124	OC	228.50	109.00	42.95	675.00	150.00	1075.00
125	OC	668.50	219.00	165.75	1500.00	260.00	2575.00
126	OC	463.50	99.00	56.90	875.00	140.00	1500.00
127	OC	478.50	109.00	155.45	925.00	150.00	1675.00
128	OC	233.50	-11.00	99.60	260.00	30.00	575.00
129	OC	173.50	-11.00	131.60	200.00	30.00	490.00
130	OC	141.00	34.00	82.57	325.00	75.00	590.00
131	OC	146.00	54.00	188.42	400.00	95.00	800.00
132	OC	503.50	109.00	181.70	950.00	150.00	1750.00
133	OC	223.50	89.00	197.10	600.00	130.00	1125.00
134	OC	543.50	119.00	106.50	1025.00	160.00	1800.00
135	OC	396.00	134.00	273.32	930.00	175.00	1750.00
136	OC	441.00	184.00	199.57	1150.00	225.00	2000.00

LOCATION	OUTCROP	URANIUM C 2	THORIUM C 3	POTASSIUM C 1	T 2	T 3	T 1
137	OC	266.00	84.00	187.82	625.00	125.00	1175.00
138	OC	541.00	184.00	304.57	1250.00	225.00	2300.00
139	NOC	41.00	24.00	174.77	190.00	65.00	440.00
140	NOC	148.50	39.00	114.35	350.00	80.00	660.00
141	OC	338.50	159.00	367.45	960.00	200.00	1850.00
142	OC	543.50	119.00	281.50	1025.00	160.00	1975.00
143	OC	263.50	49.00	157.90	500.00	90.00	975.00
144	OC	448.50	119.00	266.75	930.00	160.00	1775.00
145	OC	353.50	159.00	288.20	975.00	200.00	1800.00
146	OC	243.50	149.00	274.90	830.00	190.00	1525.00
147	OC	418.50	119.00	250.25	900.00	160.00	1700.00
148	NOC	228.50	59.00	163.95	500.00	100.00	960.00
149	OC	366.00	184.00	320.82	1075.00	225.00	1975.00
150	OC	228.50	59.00	263.95	500.00	100.00	1060.00
151	OC	123.50	89.00	217.09	500.00	130.00	950.00
152	OC	16.00	134.00	314.32	550.00	175.00	1050.00

ASSESSMENT WORK DETAILS

Type of Survey: RADIOMETRIC
A separate form is required for each type of s

Township or Area: ROBERTS TOWNSHIP

Chief Line Cutter or Contractor: AMAX EXPLORATION, INC.
Name
SUITE 1302, 7 KING ST. EAST, TORONTO
Address

Party Chief: R. Grant
Name
65 Dean St., Sudbury
Address

Consultant: P.T. George
Name
P.O. Box 70, Timmins.
Address

Geological field mapping by: N.A.
Name
Address

COVERING DATES

Line Cutting: N.A.

Field: May 15, 1974 to June 26, 1974
Instrument work, geological mapping, sampling etc.

Office: August 15 to 20, 1974; October 6-7, 1974

INSTRUMENT DATA

Make, Model and Type: McPhar TV-4 Scintillometer

Scale Constant or Sensitivity: 50 cpm on T_2 over homogeneous 1ppm U.
Or provide copy of instrument data from Manufacturer's brochure.

Radiometric Background Count: T_1 72 T_2 65 T_3 41 cpm

Number of Stations Within Claim Group: 697

Number of Readings Within Claim Group: 2091

Number of Miles of Line cut Within Claim Group: 51.5

Number of Samples Collected Within Claim Group: N.A.

MINING CLAIMS TRAVERSED
List numerically

	Prorated Credit
S 149135	15 days 1/3
S 149136	10 1/2
S 149137	12 1/3 not covered
S 149138	12 1/3
S 149139	15 1/3
S 153231	10 1/3
S 153232	12 1/2
S 153599	20
S 153601	10 1/2
S 153602	15 1/3
S 153610	8 1/2
S 358518	10 1/2
S 358519	20
S 358520	20
S 358521	20
S 358522	20 1/4
S 358523	20

Area of claims not covered = 4 3/4

17 x 20 = 340 ÷ (17 + 5)
= 15.5 days

TOTAL CLAIMS: 17

If space insufficient, attach list

CREDITS REQUESTED

	20 DAYS per claim	40 DAYS per claim	····· Includes (Line cutting)
Geological Survey	☐	☐	
Geophysical Survey	☒ Prorated (see list)	☐	Show Check ✓
Geochemical Survey	☐	☐	

DATE: October 8, 1974 SIGNED: Peter L. George

Send in Duplicate to:

FRED W. MATTHEWS
SUPERVISOR-PROJECTS SECTION
DEPARTMENT OF MINES &
NORTHERN AFFAIRS
WHITNEY BLOCK
QUEEN'S PARK
TORONTO, ONTARIO

Performance and coverage credits do not apply to airborne surveys

ASSESSMENT WORK DETAILS

Type of Survey: Geological Survey & Linecutting
A separate form is required for each type of survey

Township or Area: Roberts Township

Chief Line Cutter or Contractor: I. Burns
Name
1073 Stafford St., Sudbury, Ontario.
Address

Party Chief: _____
Name
_____
Address

Consultant: _____
Name
_____
Address

Geological field mapping by: P.T. George
Name
P.O. Box 70, Timmins, Ontario
Address

COVERING DATES

Line Cutting: April 2 to June 30, 1974

Field: May 8 to August 26, 1974
Instrument work, geological mapping, sampling etc.

Office: September 9 to October 8, 1974

INSTRUMENT DATA

Make, Model and Type: N.A.

Scale Constant or Sensitivity: N.A.
Or provide copy of instrument data from Manufacturer's brochure.

Radiometric Background Count: N.A.

Number of Stations Within Claim Group: N.A.

Number of Readings Within Claim Group: N.A.

Number of Miles of Line cut Within Claim Group: 51.5

Number of Samples Collected Within Claim Group: N.A.

CREDITS REQUESTED

	20 DAYS per claim	40 DAYS per claim	----- Includes (Line cutting)
Geological Survey	☐	☒	
Geophysical Survey	☐	☐	Show Check ✓
Geochemical Survey	☐	☐	

DATE: October 8/74 SIGNED: Peter J. George

Performance and coverage credits do not apply to airborne surveys

SPECIAL PROVISION CREDITS for PERFORMANCE & COVERAGE

MINING CLAIMS TRAVERSED
List numerically

SEE ATTACHED LIST

TOTAL CLAIMS: 54

If space insufficient, attach list

Send in Duplicate to:

FRED W. MATTHEWS
SUPERVISOR-PROJECTS SECTION
DEPARTMENT OF MINES &
NORTHERN AFFAIRS
WHITNEY BLOCK
QUEEN'S PARK
TORONTO, ONTARIO

CLAIM LIST

S 149135
149136
149137
149138
149139

149140 ½ not covered (Water + Swamp)
153217 ⅓ not covered (Water + Swamp)
153218
153219
153220

153221
153222
153223 ⅓ (Water)
153224
153225

153226
153227
153228
153229
153230

153231
* 153232 ½
153599
153600
153601

153602
153603
153604
153605
153606

S 153607
153608
153609
153610
358518

358519
358520
358521
358522
358523

359190
359191
359192
359401
359402

359403 ½
408084 ⅓ (Water)
408085
408086
408087

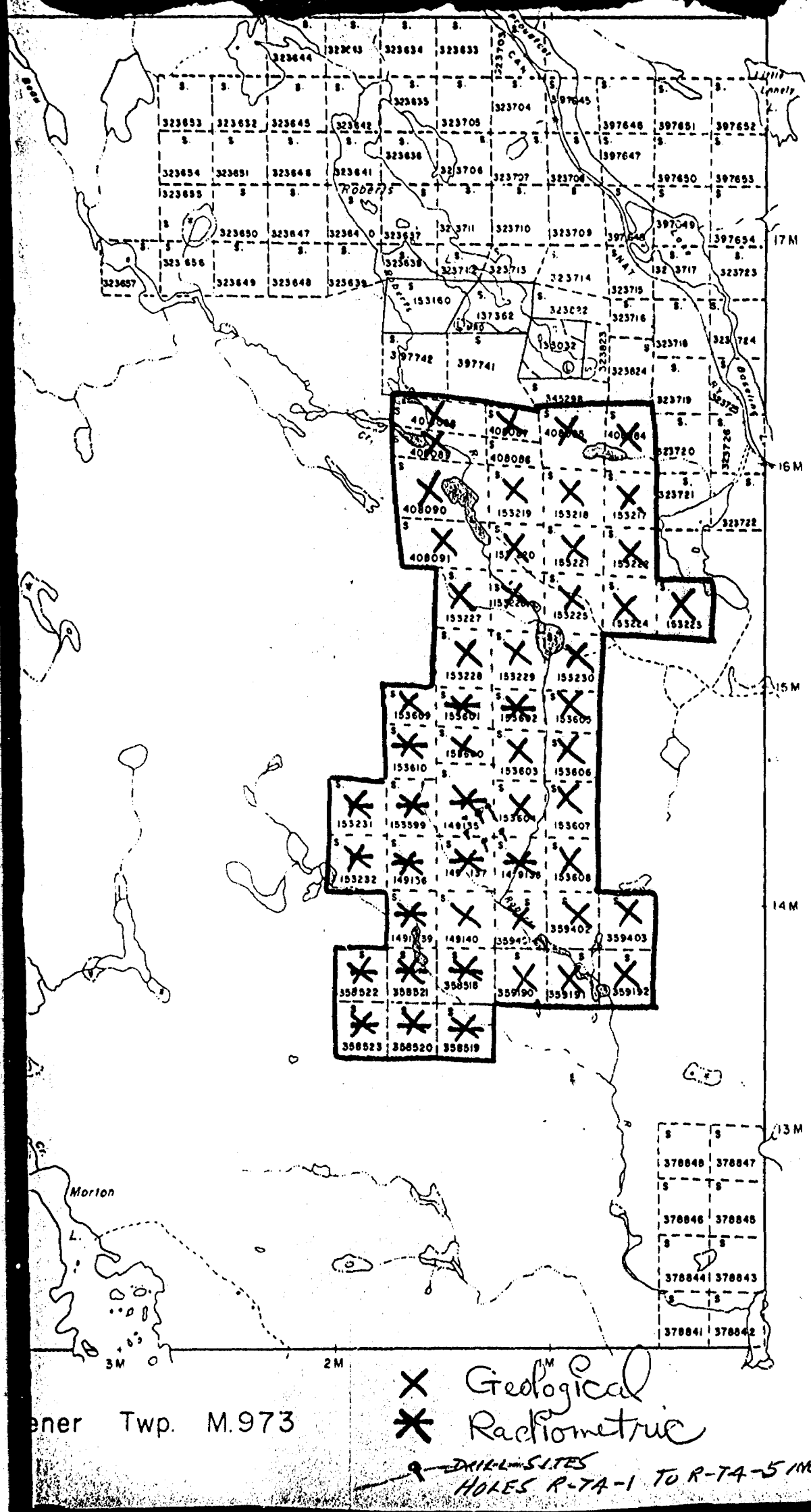
* 408088 ½
408089
408090
408091

Work Credits Filed with Mining Recorder on Aug-23-1974

* ½ covered mining claims / 20 days each

Others 40 days each

J



ROBERTS
DISTRICT OF SUDBURY

SUDBURY MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

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

NOTES

400' Surface Rights reservation around all Lakes & Rivers

2.1605

PLAN NO.- M. 1078

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

FOR ADDITIONAL INFORMATION SEE MAPS:

ROBERTS-0019 #1-6

R-74-5

R-74-2

D-3

D-2

D-1

R-74-1

L12N

L16N

L20N

LEGEND

PROTEROZOIC

4 NIPISSING (?) DIABASE

3 HURONIAN SEDIMENTARY ROCKS

- a Argillite
- b Quartz pebble grit
- c Quartz pebble conglomerate/breccia
- d Polymictic conglomerate
- e Quartzite

ARCHEAN

2 FELSIC INTRUSIVE ROCKS

- a Granite

1 MAFIC METAVOLCANIC ROCKS

- a Massive to schistose amphibolite
- b Residual Soil?

SYMBOLS

NORDIC MINES, average chip sample assay, % U_3O_8/width

Radiometric reading, corrected cpm Uranium (See Appendix I)

Radiometric Anomaly, 100, 500 and 1000 cpm contours for corrected uranium.

O I - 29 Percussion drill holes.

INSTRUMENT: McPhar TV-4 Scintillometer

SEE MAP 2 FOR STANDARD SYMBOLS

SYMBOLS

- OUTCROP
- GEOLOGICAL BOUNDARY, observed, inferred
- BEDDING, vertical, inclined, tops in direction of arrow
- SCHISTOSITY
- PEBBLE or BRECCIA BAND
- FAULT, strike and dip slip indicated if known or inferred
- CLAIM POST, number on No. 1 post
- SWAMP
- ROAD
- TRAIL

LEGEND

PROTEROZOIC

4 NIPISSING (?) DIABASE

3 HURONIAN SEDIMENTARY ROCKS

- a argillite, siltstone
- b quartz pebble grit
- c quartz pebble conglomerate, arkosic
- d polymictic conglomerate
- e quartzite
- f feldspathic quartzite
- g limestone

ANGULAR UNCONFORMITY

ARCHEAN

2 FELSIC to INTERMEDIATE INTRUSIVE ROCKS

- a granite
- b monzonite
- c diorite

1. METAVOLCANIC - METASEDIMENTARY COMPLEX

- a massive to schistose amphibolite (mafic flow)
- b altered pillowed rocks
- c polymictic conglomerate
- d welded amphibolite (mafic tuff?)
- e amphibolitic greywacke
- f iron formation (magnetite - chert - amphibole)

MAP 2

GEOLOGY

SOUTH SHEET

PROJECT 603 - BURNS-NOR-U URANIUM OPTION

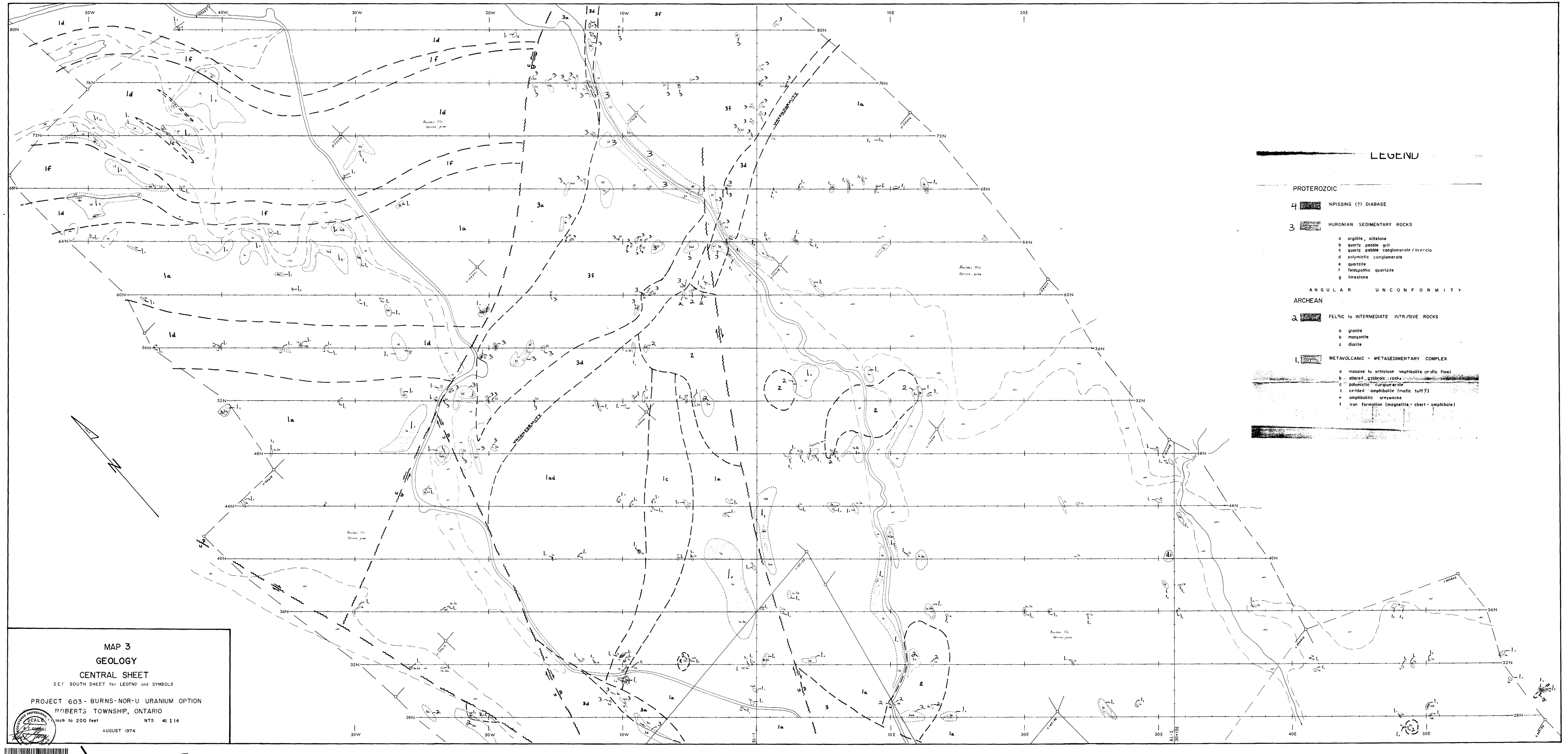
ROBERTS TOWNSHIP, ONTARIO

SCALE: 1 inch to 200 feet NTS 41 I 14

AUGUST 1974

P. T. GEORGE

ROBERTS-COM-#2



MAP 3
GEOLOGY
CENTRAL SHEET
SEE SOUTH SHEET for LEGEND and SYMBOLS

PROJECT 603 - BURNS-NOR-U URANIUM OPTION
ROBERTS TOWNSHIP, ONTARIO
SCALE: inch to 200 feet NTS 41 I 14
AUGUST 1974

RCBERTS-C019-#3

LEGEND

PROTEROZOIC

4 NIPISSING (?) DIABASE

3 HURONIAN SEDIMENTARY ROCKS

- a argillite, siltstone
- b quartz pebble grit
- c quartz pebble conglomerate / breccia
- d polymictic conglomerate
- e quartzite
- f feldspathic quartzite
- g limestone

ANGULAR UNCONFORMITY

ARCHEAN

2 FELSIC to INTERMEDIATE INTRUSIVE ROCKS

- a granite
- b monzonite
- c diorite

1 METAVOLCANIC - METASEDIMENTARY COMPLEX

- a massive to schistose amphibolite (mafic flow)
- b altered gabbroic rock
- c polymictic conglomerate
- d bedded amphibolite (mafic tuff?)
- e amphibolitic greywacke
- f iron formation (magnetite - chert - amphibole)

136N
132N
128N
120N
116N
112N
108N
104N
100N
96N
92N
88N
84N
80N
60W
50W
40W
30W
20W
10W

MAP 4
GEOLOGY
NORTH SHEET

SEE SOUTH SHEET for LEGEND and SYMBOLS

PROJECT 603 - BURNS-NOR-U URANIUM OPTION
ROBERTS TOWNSHIP, ONTARIO
Scale 1 inch to 200 feet NTS 41 I 14
AUGUST 1974

P.H. GEORGE

230

ROBERTS - CC19-#4

SYMBOLS

- Radiometric reading, corrected cpm U, Th, K (see Appendix I)
- Radiometric Anomaly, based on bedrock readings, contours 6 100, 500 and 1 000 cpm U.
- Possible anomaly
- Flight line, flown by TV-4 scintillometer
- OUTCROP
- GEOLOGICAL CONTACT, observed, inferred
- BEDDING, vertical, inclined, tops in direction of arrow
- SCHISTOSITY
- PEBBLE or BRECCIA BAND
- FAULT, strike and dip slip indicated if known or inferred
- CLAIM POST, number on No. 1 post
- SWAMP
- ROAD
- TRAIL

LEGEND

PROTEROZOIC

4 NIPISSING (?) DIABASE

3 HURONIAN SEDIMENTARY ROCKS

- a argillite, siltstone
- b quartz pebble grit
- c quartz pebble conglomerate / breccia
- d polymictic conglomerate
- e quartzite
- f feldspathic quartzite
- g limestone

ANGULAR UNCONFORMITY

ARCHEAN

2 FELSIC to INTERMEDIATE INTRUSIVE ROCKS

- a granite
- b monzonite
- c diorite

1 METAVOLCANIC - METASEDIMENTARY COMPLEX

- a massive to schistose amphibolite (mafic flow)
- b altered gabbroic rocks
- c polymictic conglomerate
- d bedded amphibolite (mafic tuff?)
- e amphibolitic greywacke
- f iron formation (magnetite - chert - amphibole)

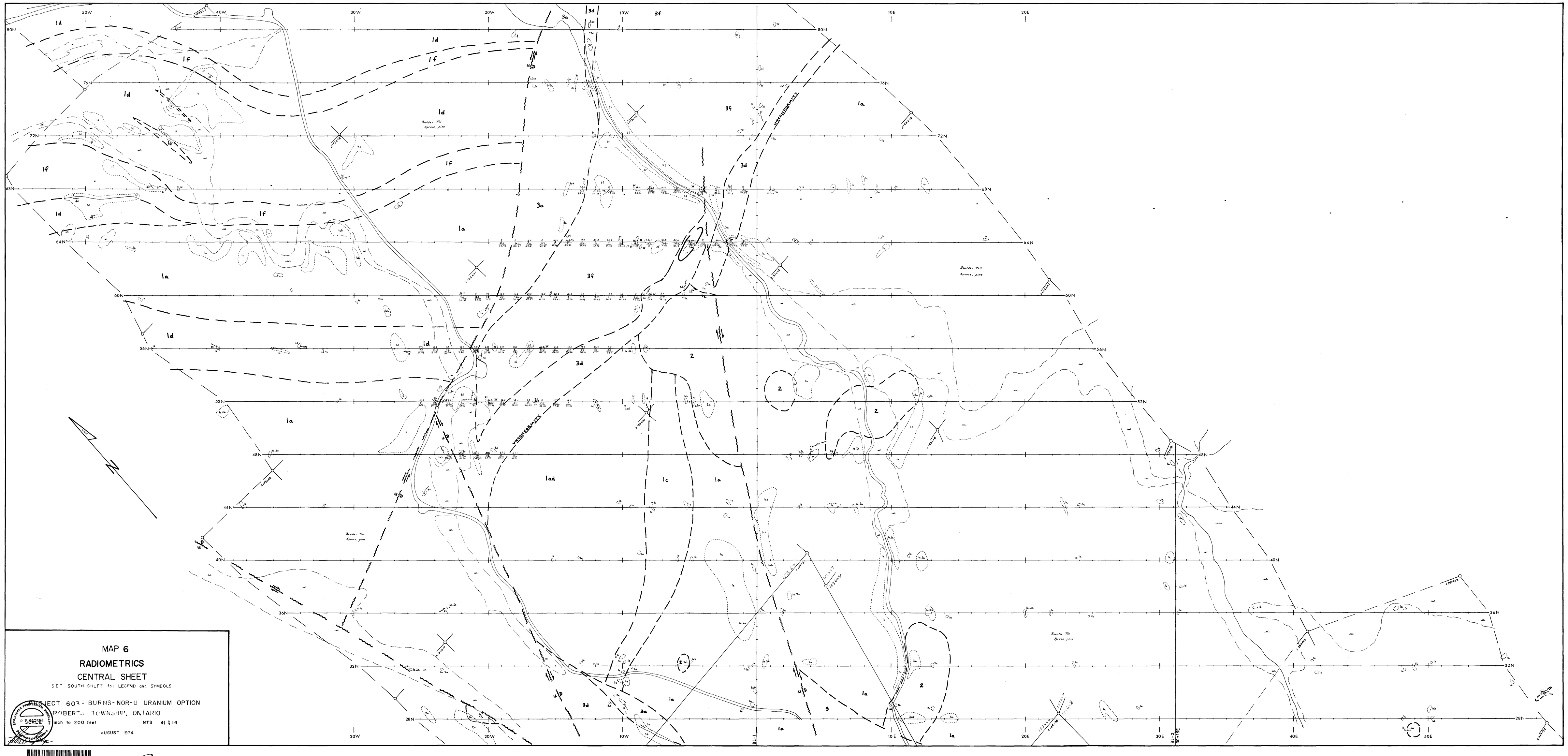
MAP 5
RADIOMETRICS
SOUTH SHEET

PROJECT 603 - BURNS-NOR-U URANIUM OPTION
ROBERTS TOWNSHIP, ONTARIO
SCALE: 1 inch to 200 feet NTS 41 I 14
AUGUST 1974

P. T. GEORGE

240

ROBERTS-C019-#5


MAP 6
RADIOMETRICS
CENTRAL SHEET
SEE SOUTH SHEET for LEGEND and SYMBOLS
PROJECT 603 - BURNS-NOR-U URANIUM OPTION
ROBERTS TOWNSHIP, ONTARIO
SCALE 1 inch to 200 feet
NTS 41 I 14
AUGUST 1974
ROBERTS-0019-#6

R-74-2

R-74-4

R-74-3

#2 Shaft

10E

15E

20E

L20N

L24N

MAP I
DETAIL WORK
MAIN SHOWING

PROJECT 603 - BURNS-NOR-U URANIUM OPTION

ROBERTS TOWNSHIP, ONTARIO

SCALE: 1 inch to 40 feet NTS 41 I 14

AUGUST 1974

REGISTERED PROFESSIONAL ENGINEER P. T. GEORGE PROVINCE OF ONTARIO

ROBERTS-0019 #1