



REPORT ON THE 1979 FIELD PROGRAM

MICH 1-224

WATSON LAKE MINING DISTRICT

CLAIM SHEET 105C/8

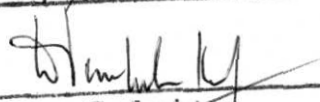
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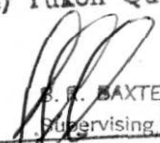
Dominique Paré

Geologist

This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work in the amount of \$ 50,000


Resident Geologist or
Resident Mining Engineer

Considered as representation work under
Section 53 (4) Yukon Quartz Mining Act.


B. E. BAXTER
Supervising Mining Recorder
Commissioner of Yukon Territory




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CONTENTS

	<u>Page</u>
SUMMARY.....	i
I - INTRODUCTION.....	1
1.1 Location.....	1
1.2 Objectives.....	1
1.3 Previous work.....	1
II - GEOLOGY.....	3
2.1 Introduction.....	3
2.2 Geological setting.....	3
2.3 Seagull Batholith.....	3
2.4 Englishman's Group.....	5
2.5 Contact zone between the Seagull Batholith and the Englishman's Group.....	5
2.6 Structural setting.....	6
III - 1979 FIELD PROGRAM.....	7
3.1 Introduction.....	7
3.2 Logistics.....	7
3.3 Prospecting.....	9
3.3.1 Geochemistry.....	9
3.4 Geological mapping.....	10
3.5 Grid work.....	10
3.6 Discussion of results.....	11
3.6.1 Prospecting/sampling traverses.....	11
a) Radiometrics.....	11
b) Geochemistry.....	13
c) Anomalies.....	13
105B5-7.....	14
105C8-1.....	16
105C8-2.....	17
105C8-3.....	18
105C8-5.....	19
105C8-6.....	20
105C8-7.....	21
105C8-8.....	23
3.6.2 Grid work.....	24
a) Grid 1.....	24
b) Grid 2.....	25
c) Grid 3.....	26
d) Grid 4 (minigrid).....	28
e) Grid 5.....	29
f) General comments.....	30

.....cont'd

CONTENTS (Cont'd)

	<u>Page</u>
IV - CONCLUSIONS.....	32
V - RECOMMENDATIONS.....	34
REFERENCES.....	36
APPENDIX.....	37
Certificates of analyses	

ILLUSTRATIONS

<u>Figure</u>	<u>Description</u>	<u>Opposite page</u>
5-1a	Location map 1	i
5-1b	Location map 2	i
5-2	Claim map	
5-3a	MICH area Sample location map	In pocket
5-3b	MICH area Geochemistry - rocks	"
5-3c	MICH area Geochemistry - silts and soils	"
5-3d	MICH area Geochemistry - waters	"
5-3e	MICH area Geology	"
5-4	Grid location map	25
5-5a	MICH area - grids #1 and #2 Sample location	In pocket
5-5b	MICH area - grids #1 and #2 Radiometrics	"
5-5c	MICH area - grids #1 and #2 Geochemistry - soils	"
5-6a	MICH area - grid #3 Sample location	"
5-6b	MICH area - grid #3 Radiometrics	"
5-6c	MICH area - grid #3 Geochemistry - soils	"
5-7a	MICH area - grid #4 (minigrid) Sample location	"
5-7b	MICH area - grid #4 (minigrid) Radiometrics	"
5-7c	MICH area - grid #4 (minigrid) Geochemistry - soils	"
5-8a	MICH area - grid #5 Sample location	"
5-8b	MICH area - grid #5 Radiometrics	"
5-8c	MICH area - grid #5 Geochemistry - soils	"

TABLES

		<u>Page</u>
TABLE I	Personnel	8
TABLE II	Radiometric response of different lithologies	11
TABLE III	Radiometric response of structural features	12
TABLE IV	Radiometric anomalies, grid work	after p. 24
TABLE V	Soil geochemical anomalies, grid work	after p. 24

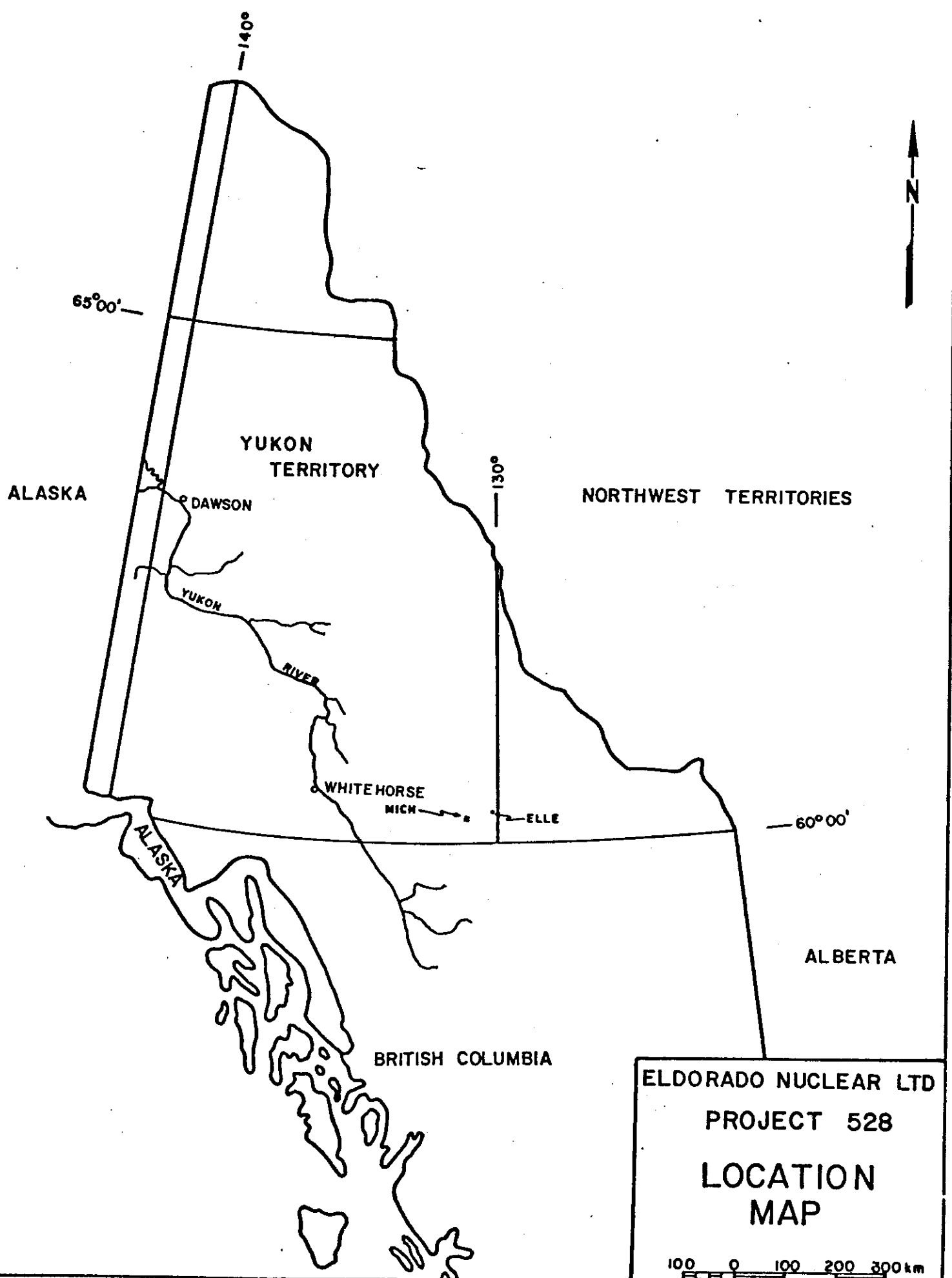
SUMMARY

During the summer of 1979, a program consisting of a reconnaissance evaluation and detailed grid work was carried out on the MICH property.

The reconnaissance evaluation consisted of geological mapping and prospecting traverses on which rock, soil, silt, water, and heavy mineral samples were taken. Grid work was comprised of radiometric and soil geochemical surveys over five grids covering anomalies previously outlined on the property.

Reconnaissance evaluation of the claims served to enhance several previously known anomalies. Grid work helped in delineating the anomalies and determining their general trend.

It is recommended that the geochemical environment be examined thoroughly; further grid work be conducted; and trenching of radioactive fractures be carried out.



YUKON
TERRITORY

ALASKA

NORTHWEST TERRITORIES

DAWSON

YUKON
RIVER

WHITE HORSE

MICH

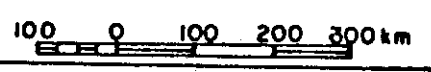
ELLE

60°00'

ALBERTA

BRITISH COLUMBIA

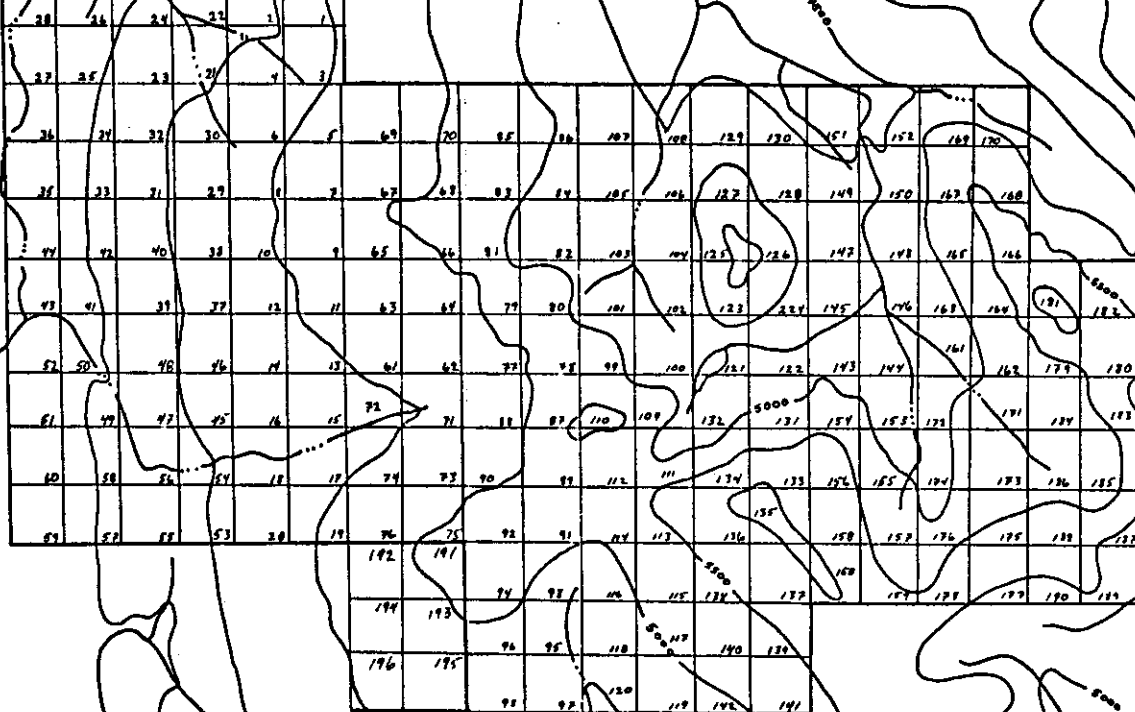
ELDORADO NUCLEAR LTD
PROJECT 528
LOCATION
MAP



132°06'

ABBA CLAIMS

(NON ENL)



60°26'

60°26'

132°06'

ELDGRADO NUCLEAR LIMITED
PROJECT 528

MICH CLAIMS
LOCATION MAP

0 500 1000 1500 metres
Scale: 1:67,000

I - INTRODUCTION

1.1 Location

The MICH claims are located in the Englishman Range, in southeastern Yukon, approximately 50 miles northeast of Teslin. The property lies along the eastern edge of the Teslin map-area (map-sheet 105C) and is centered at latitude $60^{\circ}26'N$ and longitude $132^{\circ}5'W$.

1.2 Objectives

The objectives of the program were to secure the anomalous areas by staking claims, undertake an extensive examination of the property in order to locate the source of the anomalies, and map the geology underlying the claims.

1.3 Previous work

Geological work in the area was first carried out by C.W. Hayes in 1892. J.C. Gwillim mapped an area near the southwest corner of the Teslin map-sheet in 1901 and in 1935. E.J. Lees (1936) mapped the northwestern part of the Teslin map-sheet. Reconnaissance programs were carried out along the Alcan Highway and Canol Road in 1944 by C.S. Lord and E.D. Kindle respectively. Robert Mulligan (1963) has mapped the entire Teslin map-area and describes the geology in G.S.C. Memoir 326, "Geology of Teslin Map-Area, Yukon Territories".

In 1977, during a program managed for Eldorado Nuclear Limited by Archer-Cathro and Associates Limited, two airborne anomalies were defined (64, 65) in the MICH claim area. A Bell 47G3B2 helicopter, carrying a 113 cubic inch crystal connected to a GAD-4 spectrometer and recorder, was utilized for the survey. Ground crews carrying Scintrex BGS 1SL scintillometers provided ground truth. In 1978, Eldorado Nuclear Limited, as part of an overall program consisting of general reconnaissance work, investigated the southeast corner of the Teslin map-area. The MICH claims were staked in the spring and summer of 1979, and encompass nine of the anomalies defined in this area during the 1978 summer program. The anomalies lying within the boundaries of the MICH claim group are: 105C8-1, 2, 3, 5, 6, 7, and 105B5-7 (Olsson, 1979).

.....3

II - GEOLOGY

2.1 Introduction

A geological map was compiled from data collected on reconnaissance traverses run along ridges. An overview of the geology underlying the MICH claim group is presented below.

2.2 Geological setting

The claim group is largely underlain by the Seagull Batholith, a biotite-leuco-quartz monzonite porphyry of Upper Cretaceous to Lower Tertiary age. The batholith intrudes a series of volcanic and volcanoclastic sediments (amphibolite tuff, lapilli tuff, basic flows and cherts). These volcanics fall within the Englishman's Group and are probably of Devonian to Mississippian age. The contact between the quartz monzonite and the volcanics is primarily intrusive and is frequently seen throughout the claim group. Later, faulting offsets the contact without changing the trend which remains generally N-S cut by NNW-SSE and E-W trending faults.

2.3 Seagull Batholith

The intrusives can be described in terms of their end members: a fine-grained leucocratic with medium to coarse-grained K-spar and quartz phenocrysts, and a medium-grained phase with coarse-grained K-spar phenocrysts up to 3cm along the long axes. Most of the quartz monzonite falls between these two extremes as an unequigranular, fine-grained to medium-grained biotite-quartz monzonite porphyry with coarse-grained K-spar phenocrysts.

The main intrusive is in turn cut by dykes and sills of fine-grained, equigranular leucogranite or aplite. These dykes or sills have sharp contacts with no noticeable change in granulometry within the quartz monzonite or aplite adjacent to the contact. On several occasions these aplite dykes pass, for a limited distance, into the volcanics adjacent to the contact with the main intrusive.

Textural and mineralogical variations within the intrusives are as follows: the major mineral constituents of the quartz monzonite are quartz (25-40%), potassium feldspar (30-65%), plagioclase (5-30%), biotite (2-3%), and amphibolite (accessory). It should be noted that the high percentage of K-spar in the rock is due to phenocrysts of this mineral. K-spar phenocrysts frequently exhibit a perthitic texture and are sometimes rimmed by zoned plagioclase. Alteration of the feldspar, in particular the plagioclase, is extensive. Possible saussuritization, giving the feldspar a creamy colour, and limited epidotization, giving the feldspar a creamy yellow to green colour, occur. Quartz occurs as two types: fine to medium-grained quartz, restricted to the matrix, and medium to coarse-grained smokey quartz in the form of well rounded grains floating in the matrix. This smokey quartz varies in colour from pale grey to black.

The overall appearance of the rock in the Seagull Batholith is: inequigranular, porphyritic to subporphyritic, hypidromorphic-granular rock, essentially weathering to massive, rounded blocks along jointing (see structure).

Evidence of a deuteric or a late magmatic phase having developed in the intrusives can be found in the presence of well rounded smokey quartz grains, well formed,

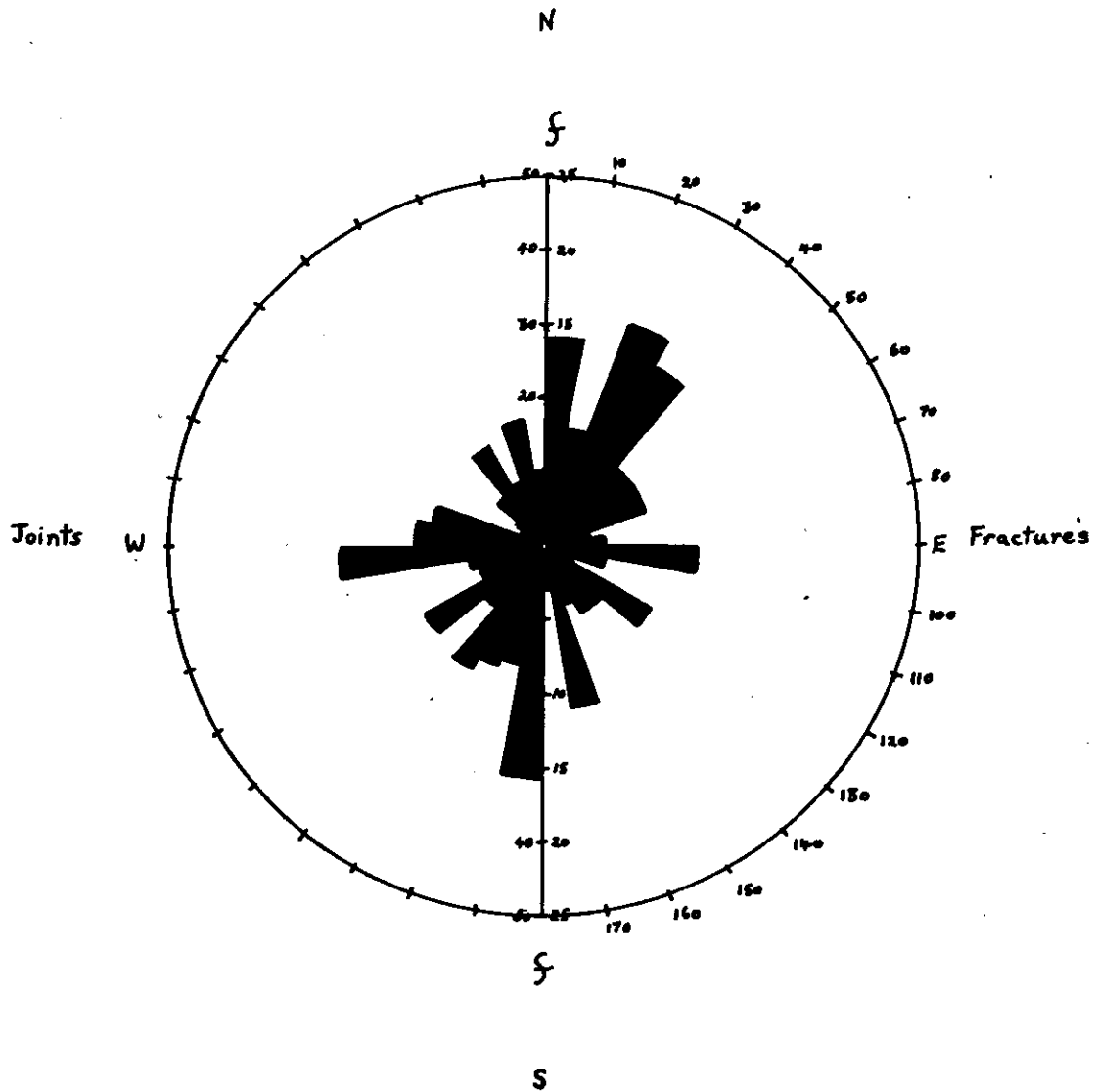
ehedral K-spar phenocrysts (rimmed with zoned plagioclase), and vein and fracture fillings with tourmaline. Trace amounts of disseminated molybdenite in quartz monzonite and quartz were found. There was also some molybdenite veining found in locally derived float.

2.4 Englishman's Group

The volcanic sequences found along the western edge of the claim groups have been presumed to be part of the Englishman metasediments. The volcanic package includes amphibolite tuffs, lapilli tuffs, basic flows, and locally recrystallized cherts. The various lithologies are interbedded and vary in thickness from tens to hundreds of metres. The unit has been subjected to low grade regional metamorphism of the greenschist facies with most of the primary sedimentary and volcanic features preserved. Many of the tuffs exhibit slumping and cherts in the lapilli are stretched and contorted. This deformation of the cherts may be a primary feature due to cracking of sediments or a metamorphic phenomenon due to plastic deformation.

2.5 Contact zone between the Seagull Batholith and the Englishman's Group

The intrusive contact between the quartz monzonite porphyry and the volcanics is very abrupt with little evidence of chilling. If chilling is present, the zone is less than 1cm wide. There is little change in the granulometry towards contact. Within the host volcanics there is little or no evidence of contact metamorphism and hornfelsing. There is no visible difference between samples



**ELDORADO NUCLEAR LTD
PROJECT 528**

**ROSE DIAGRAM SHOWING FREQUENCY
DISTRIBUTION OF JOINTS AND
FRACTURES SELECTED AT RANDOM
FROM THE MICH CLAIM AREA**

taken at the contact and those taken hundreds of metres away. Apart from occasional aplitic or leucogranitic offshoots into the volcanics, there is little evidence of veining or development of stockworks. It would appear that it was a relatively cold intrusion with a poorly developed fluid phase and little assimilation of the host rock.

2.6 Structural setting

The regional trend in the area is generally NW-SE and is defined by the major fault systems and by the lateral extent of the intrusives.

The most conspicuous feature, in the claim area, is the N-S, E-W jointing pattern (Figure). Superimposed upon this is a fracture system with a dominant trend N-S to NE-SW. These features can be clearly made out on air-photos of the area. Faulting is most evident in the area of the intrusive contact. Faults trend N-S with minor E-W faults offsetting the intrusive contact.

III - 1979 FIELD PROGRAM

3.1 Introduction

Prospecting/sampling and geological mapping traverses were run over the MICH claim area. Five grids were also established over anomalies on the properties. A total of 149 man-days were spent between July 16 and August 8 (see Table I).

3.2 Logistics

Work on the MICH claim block was carried out by an 8 man crew based at the Teslin Motel, Teslin, Yukon. Mobilization of field personnel and equipment at the Teslin Motel from the New North Motel, Whitehorse, Yukon, was carried out by truck on July 14. The following is a list of field personnel involved with work conducted on the MICH property.

.....8

TABLE I

NAME	CLASSIFICATION	STATUS	DATES EMPLOYED IN 1979 ON CLAIM GROUP
G. Delaney	Project geologist	temporary	July 16-22, 23-29, Aug. 6
B. Oakes	Geologist	permanent	July 22, 23-29, 31, Aug. 1-6, 8
B. Duncan	Geologist	temporary	July 16-22, 23-27, 29, Aug. 2-4, 6, 8
A. pasitshniak	Senior assistant	temporary	July 16-19, 21, 22, 23-27, 29, Aug. 1, 2, 5-8
G. Owsiacski	Senior assistant	temporary	July 15-19, 23-29, 31, Aug. 1, 5-8
J. Crux	Junior assistant	temporary	July 16-19, 21-31, Aug. 1, 2, 5, 6, 8
B. Skelley	Junior Assistant	temporary	July 15, 16-19, 21-31, Aug. 1, 2, 6
E. Connel	Junior Assistant	temporary	July 16-19, 21-31, Aug. 1, 2, 4, 6

Access to the property was by Hughes 500D helicopter, under seasonal contract with Liftair International of Calgary, Alberta. A.K. Edwards was pilot and engineer.

Expediting services, including radio scheds, and radio contact were handled during the field season by Archer, Cathro and Associates of Whitehorse, Yukon.

Field crews carried Motorola MH-70FM walkie-talkie radios for communicating with the helicopter. Motels at both base locations provided telephone services.

Geochemical assays of silt, water, soil, rock, and heavy mineral samples were provided by Chemex Labs Limited of North Vancouver, British Columbia. The same company also supplied pre-numbered Kraft sample bags, 200 ml plastic bottles and 3 mil plastic sample bags. pH and specific conductivity measurements of water samples were obtained in the field.

3.3 Prospecting

Prospecting traverses were laid out to efficiently cover the maximum area in a minimum amount of time. Personnel were instructed to zig-zag across talus slopes and outcrop, monitoring their scintillometers at all times. All significant readings were recorded in counts per second, and geochemical samples were obtained at these sites. Samples reflecting changes in lithology were also collected.

3.3.1 Geochemistry

The following table lists the number of samples collected and analysed during the reconnaissance of the MICH claims work.

TYPE	COLLECTED	ANALYSED
soil	384	384
rock	433	172
silt	52	52
water	55	55
heavy mineral	9	9

All samples were analysed by Chemex Labs Limited, North Vancouver, British Columbia. A standard fluorometric method was applied to a .25 gram sample of ashed, doubly acidified, -80 mesh fraction material of silt and soil samples. Rocks were crushed and then treated similarly. Water samples were acidified and then analysed fluorometrically.

3.4 Geological mapping

Geological mapping traverses were designed to investigate:

- a) the lithology of the Seagull Batholith
- b) the major structural lineaments in the area
- c) the contact of the Seagull Batholith with the surrounding country rocks.

3.5 Grid work

Five grids, including a minigrid, were laid out over anomalous areas of the MICH claims in order to determine the source of the anomalies defined in 1978 and 1979. The grid work was designed to systematically obtain soil geochemical and radiometric data from the anomalous areas. Scintillometer readings were recorded in counts per second every 25 metres along lines spaced 100 metres apart on grids 1, 2, 3, and 5 and every 10 metres along lines spaced 10 metres apart on grid 4 (the minigrid). Soil samples were taken at every 100 metres along lines 100 metres apart on grids 1, 2, 3, and 5 and 10 metres along lines 10 metres apart on grid 4. Contour maps of the results are included in the pocket of the report. Rock samples were collected from outcrop, talus, and float whenever possible. Most samples were not assayed, and are in storage in Ottawa.

Grids 1 and 2 cover the greater part of the drainage basin situated in the eastern half of the property. The grids are separated by a ridge on top of which is located grid 4 (minigrid). Grid 1, covering an area 3 x 1.8 km, is

located over anomaly 105C8-2 and grid 2, covering an area 2.2 x 1.2 km, is located over anomaly 105C8-3.

Grid 3 (2 x 1.8 km) covers an area drained by a stream in the southeast corner of the claim block in order to investigate anomaly 105C8-6.

Grid 5 (1.6 x 1.3 km) covers the area drained by a stream flowing south located in the south central part of the claim block. It was designed to cover anomalies 105C8-5, 105C8-6, and 105C8-8.

Grid 4 (100 x 100m), the minigrid, is located on a hill on the eastern side of grid 2. It was designed to cover an area of anomalous radioactivity. Lines are spaced 10 metres apart along a north-south baseline. Stations are at 10 metre intervals along these lines.

3.6 Discussion of results

3.6.1 Prospecting/sampling traverses

a) Radiometrics

The radiometric responses of the different lithologies are summarized in the following table.

TABLE II

LITHOLOGY	TOTAL COUNT GAMMA RADIATION	INSTRUMENT	PPM U
volcanics	100 cps	BGS 1SL	0.5
quartz monzonite	500 cps	BGS 1SL	9.9
aplite	660 cps	BGS 1SL	44.1
fracture zones	893 cps	Urtec 130	30.0

The radiometric response at the contact between intrusives and volcanics is slightly above background. High radioactivity is in association with rusty fracture zones cutting the quartz monzonite and particularly where fracture zones cut through aplite dykes and sills. Table outlines radioactivity related to some structural features and the corresponding uranium values of rock samples.

TABLE III

STATION	ATTITUDE	LITHOLOGY	TOTAL COUNT OVER BACKGROUND	PPM U	PPM Mo
8644	94°/82°S	cataclasite	1300/550 cps	35	-
8645A	31°/45°NW	granite aplite	1000/550 cps	46	67
8645B	31°/45°NW	sheared biotite quartz monzo- nite	800/550 cps	17.5	2
8645D	95°/79°S	epidote syenite	710/550 cps	53	11
8655	169°/79°E	cataclasite	950/550 cps	23.5	-
8658A	98°/75°N	cataclasite	900/550 cps	9.5	-
8658B	22°/34°NW	cataclasite	1050/550 cps	36	-
8662	168°/35°NE	granite	1120/550 cps	7	-
1731	—	breccia	800/550 cps	45	-

No one fracture pattern appears to dominate the anomalous radioactivity reported on the claims. These fractures can be divided into three groups according to their trend. Set 1 is 20°-30°, set 2 is 70°-95°, and set 3 is 168°-169°. All fractures are a rusty colour due to iron staining. Tourmaline is observed on fracture surfaces and manganese oxide occurs as a fracture filling.

b) Geochemistry

Uranium-in-soil values from the property vary from 0.5 to 650 ppm over a background of 10 ppm. Uranium values for silt samples vary from 3-400 ppm U over a 7 ppm U background. The highest value (650 ppm U) is from a sample collected upstream from a silt sample with 400 ppm U.

Uranium values for water samples range from 0.2-80 ppb U with a background of 0.8 ppb. Rock samples contain 0.5 to 210 ppm U with an average of 10 ppm U. All geochemical data from the reconnaissance work is present as figures and located in the pocket of this report.

c) Anomalies

The 1979 reconnaissance program did not uncover any new anomalous areas within the MICH claim group. The anomalous soil, rock, silt and water samples collected in 1979 served to enhance previously found anomalies. The following descriptions of the anomalies include results from the 1978 season.

Anomaly: 105B5-7

Location: 60°25'N, 132°02'W

Geochemistry †

	pH	sc [†]	U	F	Sn	W	Pb	Sb
waters*	5.3-6.6	10-28	.2-80	600	-	-	-	-
silts	-	-	2-142	1350	-	-	-	-
rocks	-	-	5-210	-	-	-	-	-
heavy minerals	-	-	9.5	-	19	135	-	-
soils	-	-	14-397	-	-	-	-	-

† Specific conductivity in micromohs per cm.

* Water values for U and F are in parts per billion. All other analytical data is in parts per million.

† Includes 1978 data.

1977 data

Airborne anomaly #64 is located on the western edge of the anomaly (TC: 3000/2000, U: 30/18).

Location

The area lies in the southeast corner of the property and is drained by two creeks: one flowing north-northwest and one flowing east.

Geological environment

The anomaly is located within the Seagull batholith. Rock samples obtained from the northern area of the anomaly are monzonites. Aplite, granite porphyry, granite and quartz monzonites are present on a central ridge drained by both anomalous streams. The high pH of water samples from the eastern stream may be explained by the presence of a carbonate or skarn unit nearby. This is supported by results from analyses that show up to 40% epidote in heavy mineral samples.

Genetic model

Possible genetic models explaining uranium emplacement are:

- Intragranitic veins associated with the deuteritic phase of a granitic intrusion.
- Uraniferous mineralization found in zones of skarn and tactite development genetically related to the deuteritic phase of a granitic intrusion.

Land position

The anomalous area lies within the MICH claims.

Anomaly: 105C8-1

Location: 60°27'N, 132°07'W

Geochemistry †

	pH	sc†	U	F	Sn	W	Pb	Sb
waters*	6.3	55	1.65	640	-	-	-	-
silts	-	-	23-400	500	-	-	-	-
rocks	-	-	10	-	-	-	-	-
heavy minerals	-	-	-	-	-	-	-	-
soils	-	-	1-650	-	-	-	-	-

† Specific conductivity in micromohs per cm.

* Water values for U and F are in parts per billion. All other analytical data is in parts per million.

† Includes 1978 data.

Location

Anomalous samples were taken in the drainage basins of a stream in the northwest corner of the property.

Genetic model

Possible genetic models for uranium emplacement in this area are:

- As intragranitic veins associated with a deuteric phase of a granite intrusion.
- As veins in the contact aureole associated with the deuteric phase of a granitic intrusion.
- As uranium mineralization in areas of skarn and tactite development.

Land position

Mineral rights to the land underlying the anomalous area have been secured by Eldorado.

Anomaly: 105C8-2

Location: 60°28'N, 132°04'W

Geochemistry †

	pH	Sc†	U	F	Sn	W	Pb	Sb
waters*	5.6-6.9	18-48	.45-1.80	225-640	-	-	-	-
silts	-	-	3-56	310-650	-	-	-	-
rocks	-	-	6-70	-	-	-	-	-
heavy minerals	-	-	-	-	-	-	-	-
soils	-	-	3	-	-	-	-	-

† Specific conductivity in micromohs per cm.
 * Water values for U and F are in parts per billion.
 All other analytical data is in parts per million.
 † Includes 1980 data.

Location

The anomaly is located halfway across the property on the northern border with the ABBA claims. Anomalous samples were taken along a stream flowing northwest.

Geological environment

The anomalous area is underlain by intrusive rocks of the Seagull and Hake batholiths. Roof pendants of Mississippian metasediments are present in the area.

Genetic model

Possible genetic models applicable to this geological environment are:

- Intragranitic veins associated with a deuteritic phase of granite.
- Uranium mineralization found in the contact aureole and/or below roof pendants over a deuteritic granite.

Land position

The area lies within the MICH claim near its border with the ABBA claims.

Anomaly: 105C8-3

Location: 60°27'N, 132°05'W

Geochemistry[†]

	pH	Sc [†]	U	F	Sn	W	Pb	Sb
waters*	6.2	25	.6-1.4	-	-	-	-	-
silts	-	-	2-30	-	-	-	-	-
rocks	-	-	7-60	-	-	-	-	-
heavy minerals	-	-	-	-	-	-	-	-
soils	-	-	22-57	-	-	-	-	-

† Specific conductivity in micromohs per cm.
 * Water values for U and F are in parts per billion.
 All other analytical data is in parts per million.
 † Includes 1978 data.

Geological environment

The anomaly is underlain by the Seagull and Hake batholiths, a biotite-quartz monzonite and alaskite complex. About 2 km to the southwest, the batholith is covered by roof pendants of Mississippian meta-sediments (Englishman's Groups).

Genetic model

Intragranitic veins associated with the deuteritic phase of a granitic intrusion.

Land position

The anomalous area is within the MICH claims.

Anomaly: 105C8-5

Location: 60°26'N, 132°05'W

Geochemistry[‡]

	pH	Sc [†]	U	F	Sn	W	Pb	Sb
waters*	5.6-7.1	10-70	.2-18.8	455	-	-	-	-
silts	-	-	11-250	1100	-	-	-	-
rocks	-	-	1.5-53	-	-	-	-	-
heavy minerals	-	-	-	-	-	-	-	-
soils	-	-	1-165	-	-	-	-	-

[†] Specific conductivity in micromohs per cm.

* Water values for U and F are in parts per billion. All other analytical data is in parts per million.

[‡] Includes 1978 data.

1977 data

Airborne anomaly #65 lies on the southeastern edge of the anomaly (TC: 3450/2200, U: 43/21).

Geological environment

The anomaly is underlain by the Seagull and Hake batholiths.

Genetic model

Intragranitic veins of a deuteritic phase of the batholith.

Land position

The area was staked in June of 1979 by Eldorado (MICH claims).

Anomaly: 105C8-6

Location: 60°27'N, 132°07'W

Geochemistry[†]

	pH	Sc [†]	U	F	Sn	W	Pb	Sb
waters*	5.0-5.9	6-20	1-42	115-190	-	-	-	-
silts	-	-	6.5-63	460-840	-	-	-	-
rocks	-	-	9.5-113	-	-	-	-	-
heavy minerals	-	-	-	-	-	-	-	-
soils	-	-	14	-	-	-	-	-

† Specific conductivity in micromohs per cm.

* Water values for U and F are in parts per billion.
All other analytical data is in parts per million.

† Includes 1978 data.

Geological environment

The anomalous area is within the Seagull-Hake batholith about two kilometres from the contact with the Englishman's Group.

Genetic model

Possible genetic models for uranium emplacement in this area are:

- Intragranitic veins in the deuteritic stage of the batholith.
- Development of veins within the contact aureole.

Land position

The anomalous area lies within the MICH claims.

Anomaly: 105C8-7

Location: 60°27'N, 132°10'W

Geochemistry †

	pH	Sc†	U	F	Sn	W	Pb	Sb
waters•	5.7-5.9	24-88	.1-6	140-155	-	-	-	-
silts	-	-	9-270	225-400	-	-	-	-
rocks	-	-	-	-	-	-	-	-
heavy minerals	-	-	-	-	-	-	-	-
soils	-	-	-	-	-	-	-	-

† Specific conductivity in micromohs per cm.

* Water values for U and F are in parts per billion.

All other analytical data is in parts per million.

‡ Includes 1978 data.

Location

Along a small stream flowing into the river draining anomaly 105C8-6.

Geological environment

The area underlying anomaly 105C8-7 has not been mapped. Intrapolation of the surrounding geological information suggests the underlying geology is comprised of a series of Mississippian sediments consisting of quartzite, slate, phyllite, chert, arkose, conglomerate, limestone and greenstone. The anomalous area is very flat and is heavily covered by swamp. There is no outcropping of bedrock.

Genetic model

Possible genetic models explaining emplacement of uranium in this area are:

- Veins in contact aureole (or roof pendant related) associated with the deuteritic phase of the batholith.

- Mineralization associated with skarn and tactite development at the sediment-intrusive contact.

Land position

The anomalous area is within the MICH claims.

Anomaly: 105C8-8

Location: 60°24'N, 132°05'W

Geochemistry[†]

	pH	Sc [†]	U	F	Sn	W	Pb	Sb
waters*	5.3-6.9	9-57	.15-1.6	270	-	-	-	-
silts	-	-	2-149	680	-	-	-	-
rocks	-	-	-	-	-	-	-	-
heavy minerals	-	-	-	-	-	-	-	-
soils	-	-	3-92	-	-	-	-	-

[†] Specific conductivity in micromohs per cm.

* Water values for U and F are in parts per billion. All other analytical data is in parts per million.

[†] Includes 1978 data.

Geological environment

The anomaly straddles an intrusive contact of the Hake Batholith with Mississippian metasediments of the Englishman's Group.

Genetic model

The most likely genetic model applicable to uranium emplacement appears to be veins in the contact aureole and/or pendant complexes related to the deuteritic phase of a granitic intrusion.

Land position

The anomalous area lies within the MICH claims.

3.6.2 Grid work

a) Grid 1

The background radiometric response of the grid area is 130 cps. The average response over the valleys and areas of overburden varies from 30-100 cps while over the ridges (where one finds the greatest area of outcrop), it is 400 cps. Radiometric readings greater than or equal to 350 cps are considered anomalous for the grid areas (Table IV).

Four large radiometric anomalies, 1-1, 1-2, 1-3, and 1-4, are present over grid 1. Anomaly 1-1, located in the northeast corner of the grid, consists of two groups of readings ranging from 350 to 700 cps. This anomaly is oriented in a north-south direction. Anomaly 1-2, located along the western margin of the grid, consists of a large 1,100 x 1,100 metre grouping of anomalous readings (350-640 cps) oriented north-south along with a smaller group (200 x 100 metres) with a similar orientation. Anomaly 1-3, which includes the location with the highest response (900 cps), forms a narrow band (50 x 1,000 metres) along the eastern border of the grid. Anomaly 1-4, located in the southeast corner of the grid, consists of two groups of anomalies, ranging from 350-420 cps, oriented north-south and separated by a narrow region of low radiometric values.

All radiometric anomalies are over outcrop and/or talus slopes. The north-south orientation described previously reflects the trend of these ridges. The high radiometric response reported over the ridges is in fact reflecting the lithology. Anomaly 1-3 where readings vary from 700 to 900 cps is considered to be significantly above background radioactivity for the ridges and, therefore, a bona fide radiometric anomaly.

TABLE IV

RADIOMETRIC ANOMALIES

GRID WORK

MICH CLAIMS

1979

ANOMALY NUMBER	GRID COORDINATES	RANGE OF VALUES (cps)	NUMBER OF ANOMALOUS VALUES	CORRESPONDING GEOCHEMICAL ANOMALIES	DIMENSIONS
GRID 1					
1-1	60+00N 43+00W	350-700	22	soil	1000m x 300m
1-2	52+00N 52+00W	350-640	51	soil	1000m x 200m
1-3	50+00N 41+00W	350-900	10	soil	1200m x 100m
1-4	37+00N 41+00W	350-420	14	soil	600m x 600m
GRID 2					
2-1	64+00N 60+00W	430	1	soil	spot anomaly
2-2	59+00N 71+00W	350-400	20	soil	1500m x 300m
2-3	58+00N 64+00W	350-450	18	soil	400m x 200m
2-4	48+00N 63+00W	350-700	121	soil	1000m x 600m
GRID 3					
3-1	45+00N 82+00W	350-580	194	soil	1000m x 1500m
3-2	36+00N 88+00W	450	1	soil	spot anomaly
3-3	32+00N 77+00W	350-600	95	soil	1500m x 800m
GRID 4 (minigrid)					
4-1	00+50N 00+50E	460-500	4	soil	10m x 10m
4-2	00+20S 00+20E	380-610	12	soil	60m x 10m
4-3	00+20S 00+40W	400-540	4	soil	30m x 10m
4-4	00+20N 00+50W	400-540	13	soil	60m x 20m
GRID 5					
5-1	28+00N 70+00W	350-550	97	soil	1200m x 300m
5-2	22+00N 75+00W	350-500	24	water, soil, silt	600m x 200m
5-3	19+00N 65+00W	360-525	19	soil	200m x 200m

TABLE V
SOIL GEOCHEMICAL ANOMALIES

GRID WORK
MICH CLAIMS

1979

ANOMALY NUMBER	GRID COORDINATES	RANGE OF VALUES (cps)	NUMBER OF ANOMALOUS VALUES	DIMENSIONS
GRID 1				
S1-1	52+00N 42+00W	35-648	46	3000m x 300m
S1-2	57+00N 49+00W	35-310	36	1000m x 300m
S1-3	46+00N 49+00W	42-220	4	400m x 300m
S1-4	37+00N 42+00W	35-250	32	100m x 700m
GRID 2				
S2-1	64+00N 60+00W	36-150	16	800m x 150m
S2-2	54+00N 66+00W	38-742	44	1000m x 900m
S2-3	52+00N 71+00W	37- 58	3	400m x 100m
S2-4	45+00N 63+00W	42-132	6	400m x 100m
GRID 3				
S3-1	45+00N 90+00W	41-1247	11	700m x 200m
S3-2	42+00N 85+00W	38- 405	10	1000m x 200m
S3-3	41+00N 81+00W	35- 598	35	1500m x 400m
S3-4	34+00N 79+00W	36- 100	17	1500m x 400m
GRID 4 (minigrid)				
S4-1	00+10N 00+40W	34-46	4	80m x 10m
S4-2	00+00N 00+40E	30-42	13	100m x 20m
GRID 5				
S5-1	26+00N 70+00W	38-291	16	1200m x 400m
S5-2	22+00N 78+00W	37-264	9	800m x 300m
S5-3	00+19N 67+00W	37-116	7	800m x 400m

Soil samples collected on the grid range from 0.5 ppm U to 648 ppm U in content. Background value for the grid area is 10.0 ppm U. Values greater than or equal to 35.0 ppm U are considered anomalous.

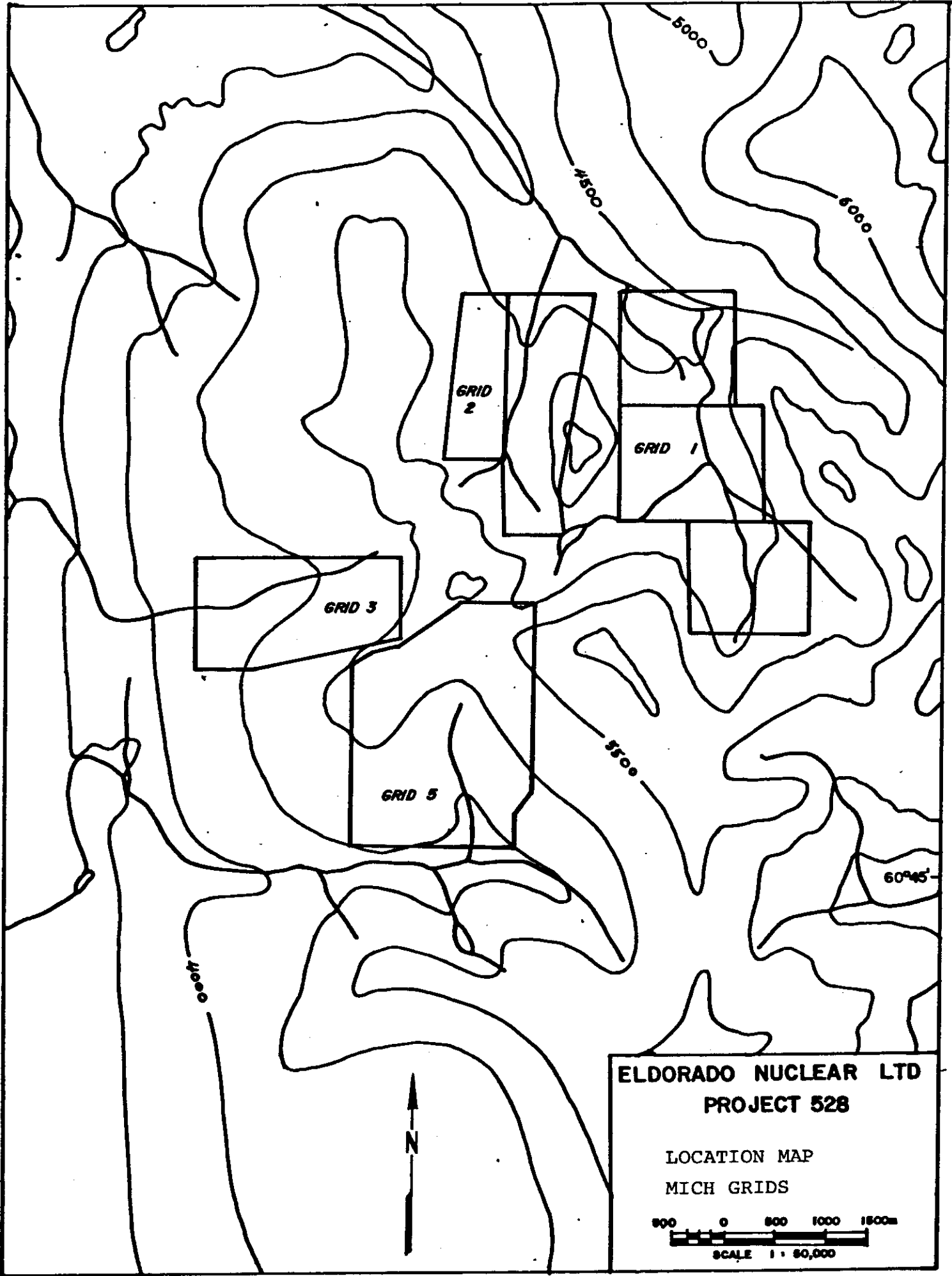
Four anomalous areas are located on the grid. They have been numbered S1-1, S1-2, S1-3, and S1-4.

Anomaly S1-1 consists of five related anomalies lying along the eastern border of the grid and trending north-south. Values range from 200.0 to 648.0 ppm U. Anomaly S1-2, located in the central and northwest portions of the grid, has a north-south orientation and lies in the valley and along the slope of the western ridge.

Anomaly S1-3 consists of two spot anomalies with values of 200 and 136 ppm U, spaced 300 metres apart along with 2 other nearby samples with values of 53 and 42 ppm U. These anomalies do not seem to have any particular orientation. Anomaly S1-4 covers a 700 x 700 metre area in the southern portion of the grid and consists of a large central zone of anomalies ranging from 35 to 200 ppm U along with several weaker values to the southwest. Values for these anomalies vary from 40 to 124 ppm U. The main portions of the soil anomalies lie downhill from the corresponding radiometric anomalies due to the chemical and/or mechanical weathering from the ridges to the valleys.

b) Grid 2

The background radiometric response of the grid is 200 cps. The background is higher (350 cps) over areas of outcrop or float. Readings greater than or equal to 350 cps are considered anomalous. Four radiometric anomalies are located over the grid area and are identified as 2-1, 2-2, 2-3, and 2-4.



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PROJECT 528**

LOCATION MAP
MICH GRIDS



Anomaly 2-1 consists of one station on a talus slope with a reading of 430 cps. Anomaly 2-2 consists of four clusters of anomalous readings trending 025° and bordering the west side of the grid. The response varies from 300 to 420 cps. Anomaly 2-3, located at the centre of the grid, covers a small area 100m x 150m where readings are 300-450 cps. Anomaly 2-4 is a large 1,000m x 500m area with values between 300 cps and 700 cps.

Anomalies 2-2 and 2-4 coincide with areas of outcrop along ridges, while 2-1 overlies talus slope, and 2-3 is underlain by glacial drift.

Soil samples collected from grid MICH-2 vary in uranium content from 0.5 to 742.0 ppm U with a background of 10 ppm U.

Four anomalies are defined: S2-1 in the northeast corner of the grid area with values ranging from 30 to 150 ppb U; S2-2, a large region in the centre of the grid with values from 35 to 742 ppm U; S2-3, a 300 metre long and 100 metre wide area oriented northwest-southeast with data ranging from ppm U to ppm U; S2-4, a 400m x 100m area trending northeast with values of 32.0 ppm U to 132.0 ppm U.

Anomaly S2-3 is the strongest and most extensive soil anomaly, and it coincides with a valley. This large anomaly does not have any apparent anomalous radiometric signature.

c) Grid 3

The average background radiometric response of the grid 3 area is 250 cps. Readings recorded in the valley, or areas of thick overburden, range from 100 cps to 200 cps. The radiometric background of the ridges, where outcrop is exposed is 300 to 350 cps.

Values greater than or equal to 350 cps are considered anomalous for the grid.

Three large radiometric anomalies, 2 large and 1 spot are present over grid 3. Anomaly 3-1, with readings of 350 cps to 580 cps, overlies the north portion of the grid area. The anomaly trends to the northeast. Anomaly 3-2 consists of a spot anomaly of 450 cps at coordinates 36+00N and 88+00W. Anomaly 3-3 lies over the southeast corner of the grid and covers an area 1,100 by 500 metres where readings between 350 cps and 600 cps were recorded. Anomaly 3-1 is elongated in a northeast-southwest direction. Anomalies 3-1 and 3-3 reflect areas of outcrop while anomaly 3-2 occurs over an area covered by glacial drift. Zones with a radiometric response exceeding 500 cps trend northeast-southwest and may reflect fractures trending in that direction.

Soil samples collected from grid 3 vary in uranium content from 0.5 ppm to 1247 ppm. The background value for this grid is 10 ppm U. Any value greater than or equal to 35.0 ppm U is considered anomalous. Four major anomalous areas lie on the grid. They are: S3-1 in the northwest corner of the grid area, ranging in value from 56 to 1247 ppm and a second node, 100 metres to the south-southwest, consisting of six anomalous soils ranging in value from 41 to 145 ppm U. Anomaly S3-2 consists of a northeast trending line of spot anomalies and small clusters southwest of anomaly S3-1. Values range from 28 to 405 ppm U. Anomaly S3-3 parallels Se-2. It is 300 x 1,600 metres with soils ranging in value from 28 to 598 ppm U. S3-4 consists of seven clusters of anomalies ranging from 29 to 100 ppm U. The anomaly forms a 300m wide band along a 1,000 metre length southeast of anomaly S3-3.

The two strongest soil geochemistry anomalies lie in an area covered by thick overburden. The northeast trend of the anomalies has been affected topography.

The soil geochemical anomalies do not have corresponding radiometric anomalies associated with them. In the most extreme case, a soil sample obtained in the northwest corner of the grid has a uranium content of 1247 ppm U. The corresponding radiometric reading was 220 cps.

d) Grid 4 (minigrid)

The average radiometric background of the grid area is 350 cps. Values greater than or equal to 450 cps are considered anomalous. There are 3 radiometric anomalies overlying grid 4. They are 4-1, 4-2, and 4-3.

Anomaly 4-1 is a 10 x 10 metre area trending north-south in the northeast corner of the grid. Anomaly 4-2 consists of several small anomalies trending east-west and covers a 50 x 10 metre area in the southeast portion of the grid. Anomaly 4-3 overlies a 70 x 20 metre area trending north-south on the west side of the grid.

Radiometric readings recorded at these anomalies were as follows: 4-1, 460 to 510 cps; 4-2, 430 to 520 cps; 4-3, 440 to 540 cps.

Soil samples collected from grid 4 vary from 5 to 46 ppm U. The background level is considered to be 12 ppm U. Values greater than or equal to 30 ppm U are considered anomalous. Two soil anomalies, S4-1 and S4-2, are present on the grid.

Anomaly S4-1 consists of six spot anomalies that trend north in the form of a V which extends the length of the grid on the west side. Anomaly S4-2 also extends the length of the grid. Located on the east side, the north-south trending group of anomalies has a small offset near the middle which trends east-west.

Samples from anomaly S4-1 have a uranium content ranging from 33 to 46 ppm. Samples from S4-2 range from 31 to 42 ppm U.

The uranium-in-soil anomalies from grid 4 appear to be related to the orientation of the ridge. The offset in anomaly S4-2 may correspond to east-west fractures cutting the ridge at that location.

e) Grid 5

The background radiometric response of grid 5 is 250 cps. Readings greater than or equal to 350 cps are considered anomalous. Grid 5 has three radiometric anomalies: 5-1, 5-2 and 5-3.

Anomaly 5-1 overlies the northern part of the grid, covers an area 1,000m long and 100m to 300m wide, is oriented east-west, and has readings varying from 340 cps to 550 cps. Anomaly 5-2 overlies an area 600m x 100m in the western end of the grid area. Radioactivity ranges from 340 to 500 cps. The anomaly is oriented in a southeast to northwest direction. Anomaly 5-3 is located in the southeast corner of the grid area, measures 200 x 200 metres, and is 360 cps to 525 cps.

Soil samples from grid 5 vary in uranium content between 1.5 and 291 ppm. The background value is 10 ppm U. Three soil anomalies, S5-1, S5-2 and S5-3, are defined on the grid.

Anomaly S5-1 covers the central and northeast portion of the grid area and trends northeast-southwest. Anomaly S5-2 covers an area of 800 x 200 metres on the west side of the grid and trends northeast-southwest. Anomaly S5-3, in the southeast corner of the grid, covers an area 700 x 300 metres and is oriented in an east-northeast direction.

Uranium-in-soil values for samples taken from these anomalies are as follow: anomaly S5-1, 31 to 291 ppm; S5-2, 30-264 ppm; and S5-3, 31 to 116 ppm.

S5-1, the most extensive of the anomalies, the southeast half of S5-2, and the northeast node of S5-3 fall within a low lying area. The remaining anomalous samples were obtained from talus slope.

f) General comments

The uranium-in-soil anomalies reflect the distribution of mobilized uranium while the radiometric anomalies tend to coincide with the exposure of rock and/or fracture zones within the bedrock. In both cases, topography does play a part in the development of the shape of the anomalies. In the case of soil anomalies, the pattern will be affected by the orientation of drainage systems and/or base of slope areas. The outcrop and talus slopes, which account for most of the radiometric anomalies, are directly related to the ridges.

Deviations from the above cases can probably be attributed to underlying fracture patterns and, therefore, are very significant in terms of zones of possible uranium mineralization.

The lack of soil geochemistry anomalies which directly coincide with radiometric anomalies may be due to remobilized uranium in surface material or remobilized uranium in the rock. In the first case, uranium leached out of rock with high uranium content is transported downslope and deposited in soils which overlie rock with lower uranium content and, therefore, low radiometric response. In the second case, mobile uranium may make its way through fractures and become concentrated in an adjacent area, thereby increasing the uranium content of the overlying soil through weathering. If this is a recent occurrence, the radiometric response may be low, even though there is a soil geochemical anomaly, because of the young uranium not being in secular equilibrium.

IV - CONCLUSIONS

The 1979 program on the MICH property has lead to the following conclusions:

- (1) The MICH property is underlain by an Upper Cretaceous to Lower Tertiary biotite-leuco-quartz monzonite porphyry (Seagull Batholith) which intrudes a series of volcanic and volcanoclastic sediments which are probably of Devonian to Mississippian age.
- (2) The regional structural trend on the MICH property is N45°. A less prominent system of fractures is oriented in a north-south direction.
- (3) The radiometric response over the property tends to reflect lithology more than anything else.
- (4) Rusty fracture zones cutting quartz monzonite and aplite dykes frequently have a higher radioactive response than usual.
- (5) Uranium is being transported in anomalous amounts along all drainage systems originating on, or flowing through the claim group.
- (6) The majority of radiometric anomalies overlying the MICH property trend N45°E. The rest lie either north-south or east-west.
- (7) The majority of uranium-in-soil anomalies defined on the MICH property are oriented in a northeast direction. The remainder trend north-south.

- (8) Although the radiometric anomalies and the uranium-in-soil anomalies have similar orientations, this is attributed to the influence of the topography in the area as opposed to any direct relationship between the two types of anomalies.

V - RECOMMENDATIONS

The following is a list of recommendations covering the MICH property and resulting from the 1979 field program:

- (1) All structural lineaments as identified by examining air photographs should be plotted on all base maps. The geochemical and radiometric data should then be re-evaluated.
- (2) Map in detail the structure and geology of all radioactive zones.
- (3) Anomaly S3-1 should be further examined in detail using a 25m x 25m grid.
- (4) Grid 1 should be extended to the south to include anomaly 105B5-7.
- (5) Detailed prospecting in the vicinity of fracture zones using the air photo interpretation as a guideline.
- (6) All anomalous zones should be exposed by trenching and then mapped, radioactivity recorded, and sampled in detail.
- (7) A close examination of the geochemical environment present on the MICH property should be undertaken. This is to include soil profiling, bulk sampling, 32-element spectrographic analysis, and total dissolved solids analysis. This examination should include but not be restricted to sample location 4846. Have a 32-element spectrographic analysis done on rock samples from sample locations 7065 and 1720.

- (8) A radon soil-gas orientation survey should be carried out over the areas surrounding sample location 4846 on grid 3, location 8205 on grid 5, and location 7328 on grid 4.

REFERENCES

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- KINDLE, E.D. (1946) Geological Reconnaissance along the Canol Road, from Teslin River to McMillan Pass, Yukon (report + map), Geological Survey of Canada, Paper 45-21.
- LEES, E.J. (1936) Geology of Teslin-Quiet Lake Area, Yukon; Geological Survey of Canada, Mem. 203, 1936 (Reprinted 1953).
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- MULLIGAN, R. (1955) Teslin Map-Area, Yukon Territory; Geological Survey of Canada, Paper 54-20 (map: 54-20).
- OLSSON, W. (1979) Project 528 - 1978 Final Report, Eldorado Nuclear Limited, unpublished.
- ONASICK, E.P. (1977) EYP Project - 1977 Final Report, Archer, Cathro and Associates Limited, unpublished.

APPENDIX

Certificate of analyses



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.
 Ste. 400 - 255 Albert St.
 Ottawa, Ont.
 K1P 6A9

ATTN: PROJECT: AREA-Mich-Rocks

ROCKS
 CC: W. Olsson

CERTIFICATE NO. 49398

INVOICE NO. 32028

RECEIVED Aug. 6/79

ANALYSED Aug. 21/79

SAMPLE NO. :	PPM U	PPM Mo
PREFIX 22		
1301	5.0	
1305	11.5	
1323	4.0	
1328	11.0	
1334	9.0	
7367	61	
7378	12.5	
7393A	23	
7393B	8.5	
7563	11.5	
7567	15.0	
7576	25	
7585	21	
7589	5.5	
7595	4.0	
7599	7.0	
7792	31	
7801	9.5	
8248	7.5	
8258	19.5	
8260	14.0	
8262	6.0	
8264	52	
8267	13.5	
8269	23.0	
8272	23.0	
8273	24.0	
8274	28.0	
8645A	46	67
8645B	17.5	2
8645C	16.0	6
8645D	53.0	11
8646	6.5	42
8647	8.0	2
8648A	7.5	2
8648B	60	1
8649	9.5	
8650	32	
8651	100	
8652	16.0	



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY: *Hart Biele*



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212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: [REDACTED] 984-0221
 AREA CODE: 604
 TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 49295

TO: Eldorado Nuclear Ltd.,
 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9

ROCKS
 PROJECT 528 AREA MICH
 c.c. Whitehorse, Y.T.

INVOICE NO. 31933
 RECEIVED August 2, 1979
 ANALYSED August 16, 1979

ATTN:

SAMPLE NO. :	PPM Mo	PPB Au	PPM Sn	PPM W	PPM U
22-1739					13.0
1740					16.5
1742					19.0
1743					10.5
1744					23.5
1745					14.0
1746					18.5
7184					9.0
7188					23.0
7189			4	20	53
7198	>250	10			1.5
7553					18.5
7554					43
7555					23.0
8620					1.0
8621					15.5
8622					0.5
8623					0.5
8624					0.5
8625					7.0
8626					9.0
8627 (a)					5.0
8627 (b)					5.0
8627 (c)					0.5
8628					0.5
8629					0.5
8630					1.0
8631 (a)					7.0
8631 (b)					<0.5
8632 (a)					4.5
8632 (b)					10.0
8633					<0.5
8634					13.5
8635 (a)					9.5
8635 (b)					9.5
8636					6.0
8637 (a)					28
8637 (b)					12.5
8638					9.0
22-8639					29



MEMBER
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Hart Biddle



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NORTH VANCOUVER, B.C.
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AREA CODE: 604
TELEX: 04-352597

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CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
255 Albert St., Ste. 400
Ottawa, Ont.
K1P 6A9

ATTN: 528-Mich-Rock

CC. W. Olsson

CERTIFICATE NO. 49162

INVOICE NO. 31823

RECEIVED July 30/79

ANALYSED Aug. 13/79

SAMPLE NO.:	PPM
PREFIX 22 U	
1733	18.5
1734	4.5
1735	2.0
1736	10.5
1737	2.5
1738	0.5
8602	12.0
8603	22.5
8605A	8.0
8605B	18.0
8606	2.0
8607	5.0
8608	6.0
8609A	6.5
8609B	7.0
86 11	7.0
86 12	4.5
86 13	9.5
86 14A	3.0
86 14NB	10.5
86 15A	4.5
86 15B	12.5
86 16	5.5
86 17	4.0
86 18	5.5
86 19A	5.5
86 19B	7.0
86 19C	7.5
86 19D	0.5



MEMBER
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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48896
 INVOICE NO. 31700
 RECEIVED July 22, 1979
 ANALYSED August 8, 1979

TO: Eldorado Nuclear Ltd.,
 400 - 255 Albert St.,
 Ottawa, Ont.
 ATTN: KIP 6A9

AREA MICH ROCKS
 c.c. Whitehorse

SAMPLE NO. :	PPM U
22 - 1710	14.0
1711	30
1712	29
1713	16.0
1714	35
1715	10.5
1716	7.0
1717	18.0
1718	2.5
1719	9.5
1720	110
1721	14.5
1722	23.0
1723	6.0
4407	2.0
22 - 4415	1.0



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212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: [REDACTED] 984-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 49820

TO: Eldorado Nuclear Ltd.,
 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9

INVOICE NO. 32331

RECEIVED August 17, 1979

ATTN:

c.c. Whitehorse
 MICH-ROCKS

ANALYSED August 31, 1979

SAMPLE NO. :	PPM U
22 - 1371	2.0
22 - 7414	5.5
22 - 7415	12.0
22 - 7658	0.5
8654	9.5
8655	23.5
8656	18.5
8658	9.5
8658	36
8659	3.5
8660	4.5
8661	4.0
8661	3.5
22 - 8662	7.0

EXPLORATION
 DIVISION

SEP 6 1979



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

Hart Biddle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J2C1
 TELEPHONE: 984-0221
 AREA CODE: 804
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 255 Albert St., Ste. 400
 Ottawa, Ont.
 K1P 6A9

ATTN: Project 528 Area Mich-Soil CC. W. Olsson

CERTIFICATE NO. 49299

INVOICE NO. 31909

RECEIVED Aug. 2/79

ANALYSED Aug. 15/79

SAMPLE NO.	PPM
PREF 19 40 U	
1160	1.5
1179	1.0
1186	1.5
1300	62
1302	3.5
1304	35
1305	24
1306	8.5
1307	18.0
1308	3.5
1309	14.5
1310	1.5
1311	2.5
1312	5.0
1313	3.5
2405	41
2406	4.0
2407	46
2408	18.0
2409	4.5
2411	61
2412	5.0
2413	7.5
2414	217
2415	2.5
2416	7.0
2417	294
2418	194
2419	2.0
2420	3.0
2421	7.0
2422	3.5
2423	1.0
2424	-0.5
2425	7.0
2426	70
2986	72
2987	55
2988	18.5

NOTE: - DENOTES LESS THAN



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212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1 984-0221
 TELEPHONE: [REDACTED]
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48893

TO: Eldorado Nuclear Ltd.,
 400 - 255 Albert St.,
 Ottawa, Ont.

SOILS

INVOICE NO. 31700

RECEIVED July 22, 1979

ATTN: KIP 6A9

On Notice: AREA MICH, On Bags: AREAGB
 c.c. Whitehorse

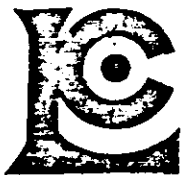
ANALYSED August 8, 1979

SAMPLE NO. :	PPM
	U
40 - 2369	2.0
2370	7.0
2371	1.5
2372	2.0
2373	2.0
2374	1.5
2375	3.5
2376	16.0
2377	NSS
2378	15.0
2379	120
2380	16.0
2387	92
2388	4.0
2389	25.0
2390	1.0
2391	2.5
2392	1.5
2393	136
2394	1.0
2395	0.5
2396	10.5
2397	9.5
2398	4.0
2399	11.0
2400	3.0
2401	<0.5
2402	8.0
2403	1.0
40 - 2404	2.0



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CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 984-2221 984-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 49054

TO: Eldorado Nuclear Ltd.,
 Ste. 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9

INVOICE NO. 31767

RECEIVED July 25/79

ATTN: 528 - Mich - Soil

CC. W. Olsson

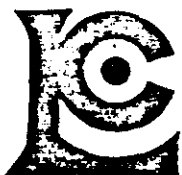
ANALYSED Aug. 11/79

SAMPLE NO. PREFIX	PPM U
2427	28
2428	7.0
2429	8.0
2430	12.5
2431	250
2432	52
2433	2.5
2434	12.0
2435	-0.5
2436	2.5
2437	12.5
2438	31
2439	115
2440	2.5
2441	8.0
2442	3.5
2443	2.0
2444	7.0
2445	59
2446	2.0
2447	7.0
2448	8.5
2449	200
2450	90
2451	116
2452	76
2453	4.0
2454	1.5
2455	118
2456	8.0
2457	8.5
2458	1.5
2459	1.5
2460	1.5
2461	38
2462	18
2463	5.0
2464	4.5
2465	79
2466	83



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CERTIFIED BY: Hart Bielle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 953-3333 984-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 49055

TO: Eldorado Nuclear Ltd.,
 Ste. 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9

INVOICE NO. 31767

RECEIVED July 25/79

ATTN: 528 - Mich - Soil

CC. W. Olsson

ANALYSED Aug. 11/79

SAMPLE NO. :	PPM
PREFIX	
2467	30
2468	0.5
2469	217
2470	6.0
2471	0.5
2472	6.0
2473	9.0
2474	6.0
2475	0.5
2476	0.5
2477	137
2478	33
2479	8.5
2480	16
2482	89
2483	8.5
2484	0.5
2485	33
2486	62
2487	21
2488	3.5
2489	2.5
2490	3.5
2491	0.5
2492	2.5
2493	3.5
2494	25
2495	15.0
2496	8.5
2497	5.0
2498	85
2499	28
2500	7.5
2837	20.5
2838	9.0
2839	65
2840	5.0
2841	6.0
2842	9.5
2843	96



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212 BROOKSBANK AVE.
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 CANADA V7J 2C1
 TELEPHONE: [REDACTED] 984-0221
 AREA CODE: 604
 TELEX: 043-52597

•ANALYTICAL CHEMISTS •GEOCHEMISTS •REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9

AREA MICH SOIL
 c.c. Whitehorse

CERTIFICATE NO. 48897
 INVOICE NO. 31700
 RECEIVED July 22, 1979
 ANALYSED August 8, 1979

SAMPLE NO. :	PPM
	U
40 - 2785	8.5
2786	22.5
2787	124
2788	121
2789	77
2790	3.0
2791	59
2792	90
2793	22.0
2795	1.0
2797	172
2798	30
2799	13.0
2800	13.5
2801	27
2802	8.0
2803	13.5
2804	21.5
2805	49
2806	9.0
2807	10.0
2808	1.5
2809	2.5
2810	8.5
2811	40
2812	3.5
2813	1.5
2814	2.5
2815	8.5
2816	14.0
2817	4.0
2818	0.5
2819	1.0
2820	1.0
2821	3.0
2822	1.0
2824	5.0
2825	7.0
2826	49
40 - 2827	1.0



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CERTIFIED BY: *Hart Biele*



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212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: [REDACTED] 664-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 400 - 255 Albert St.,
 Ottawa, Ont.,
 K1P 6A9

c.c. W. Olsson
 AREA MICH - SOIL

CERTIFICATE NO. 48898
 INVOICE NO. 31725
 RECEIVED July 22, 1979
 ANALYSED August 9, 1979

SAMPLE NO. :	PPM
	U
40 - 2828	8.5
2829	1.5
2830	9.5
2831	68
2832	2.0
2833	122
2834	12.0
2835	35
2836	1.0
3221	1.0
3222	1.0
3223	0.5
3224	48
3225	113
3226	76
3227	105
3228	115
3229	9.0
3230	12.5
3231	38
3232	310
3233	31
3234	16.5
3235	34
3236	7.0
3237	62
3238	175
3239	2.5
3240	44
3241	53
3242	31
3243	6.5
3244	49
3245	14.0
3246	55
3247	10.0
3248	3.0
3249	73
3250	40
40 - 3251	0.5



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CERTIFIED BY: Hart Biddle



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212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 984-0222
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS ••REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 49056

TO: Eldorado Nuclear Ltd.,
 Ste. 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9

INVOICE NO. 31767

RECEIVED July 25/79

ATTN: 528 - Mich - Soil

CC. W. olsson

ANALYSED Aug. 11/79

SAMPLE NO. :	PPM
PREFIX 40 U	
2844	6.7
2845	5.5
2846	16.5
2847	8.0
2848	19.0
2849	13.5
2850	34
2851	6.5
2852	12.0
2853	5.0
2854	2.0
2855	9.0
2856	7.0
2857	1.5
2858	196
2859	15.5
2860	5.0
2861	59
2862	3.5
2863	1.0
2864	2.0
2865	1.0
2866	2.5
2867	7.5
2868	21.5
2869	16.5
2870	1.5
2871	0.5
2872	2.5
2873	1.5
2874	2.0
2875	7.5
2876	1.5
2877	1.0
2878	1.0
2879	13.0
2880	2.5
2881	0.5
2882	0.5
2883	5.0



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CERTIFIED BY:

Hart Biele



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 Ste. 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9

ATTN: 528 - Mich - Soil

CC. W. Olsson

CERTIFICATE NO. 49057

INVOICE NO. 31767

RECEIVED July 25/79

ANALYSED Aug. 11/79

PPM	
SAMPLE NO. :	U
PREFIX	40
2884	0.5
2885	24.5
2886	96
2887	55
2888	96
2889	36
2890	52
2891	48
2892	0.5
2893	0.5
2894	0.5
2895	0.5
2896	0.5
2897	0.5
2898	0.5
2899	150
2900	4.5
2901	22.0
2902	2.0
2903	14.5
2904	0.5
2905	4.0
2906	32
2907	5.5
2908	1.5
2909	41
2910	-0.5
2911	95
2912	1.0
2913	0.5
2914	0.5
2915	1.0
2916	3.5
2917	1.5
2918	14.0
2919	7.5
2920	1.0
2921	3.5
2922	80
3270	1.5



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212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0640 984-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 Ste. 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9
 ATTN: 528 - Mich - Soil

CC. W. Olsson

CERTIFICATE NO. 49152
 INVOICE NO. 31776
 RECEIVED July 30/79
 ANALYSED Aug. 11/79

SAMPLE NO. PREFIX	PPM
1173	0.5
1176	1.5
2923	1.5
2924	1.5
2925	23
2926	65
2927	10.0
2928	0.5
2929	1.0
2930	10.0
2931	118
2932	8.5
2933	+400
2934	15.0
2935	27
2936	114
2937	21.0
2938	1.0
2939	2.0
2940	170
2941	7.0
2942	2.0
2943	2.0
2944	9.0
2945	1.0
2946	+400
2947	5.0
2948	7.0
2949	14.5
2950	6.5
2951	1.5
2952	3.0
2953	1.0
2954	0.5
2955	0.5
2956	1.0
2957	1.0
2958	1.0
2959	1.5
2960	9.0



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212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 605-8648 984-0221
 AREA CODE: 604
 TELEX: 043-52597

* ANALYTICAL CHEMISTS • GEOCHEMISTS ** REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 Ste. 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A 9

ATTN: 528 - Mich - Soil

CC. W. Olsson

CERTIFICATE NO. 49153
 INVOICE NO. 31776
 RECEIVED July 30/79
 ANALYSED Aug. 11/79

SAMPLE NO	PPM
PRE-IX 40 U	
2961	10.5
2962	0.5
2963	6.0
2964	2.5
2965	2.5
2966	116
2967	2.0
2968	5.0
2969	3.0
2970	2.5
2971	9.5
2972	30
2973	2.5
2974	2.0
2975	2.5
2976	1.0
2977	2.5
2978	1.0
2979	4.0
2980	55
2981	1.0
2982	11.5
2983	10.5
2984	42
2985	1.5
3343	3.0
3344	43
3345	105
3346	122
3347	56
3348	22
3349	9.5
3350	12.0
3351	52
3352	22
3353	15.5
3354	9.0
3355	28
3356	36
3357	32



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CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 255 Albert St., Ste. 400
 Ottawa, Ont.
 K1P 6A9

ATTN: Project 528 Area Mich - Soil

CC. W. Olsson

CERTIFICATE NO. 49300

INVOICE NO. 31909

RECEIVED Aug. 2/79

ANALYSED Aug. 15/79

SAMPLE NO. :	PPM
PEEFIX 40 U	
2989	39
2990	53
2991	10.0
2992	9.0
2993	11.0
2994	71
2995	59.5
2996	49.5
2997	9.0
2998	10.5
2999	20.5
3407	4.0
3408	128
3409	13
3410	14.5
3411	14
3412	25.5
3413	3.0
3414	5.5
3415	17.0
3416	23.5
3417	25.5
3418	12.0
3419	27.5
3420	5.5
3421	18.5
3422	10.0
3423	1.0
3424	1.0
3425	7.0
3426	23.5
3427	10.0
3428	18.0
3429	3.5
3430	2.0
3431	3.0
3432	29
3433	57.5
3434	2.0
3435	5.5

CORRECTION SAMPLE NO 348 SLD READ 3418



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Har Biele



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212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J2C1
 TELEPHONE: 984-0221
 AREA CODE: 804
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 255 Albert St., Ste. 400
 Ottawa, Ont.
 K1P 6A9

ATTN: Project 528 Area Mich-Soil

CC. W. Olsson

CERTIFICATE NO. 49301

INVOICE NO. 31909

RECEIVED Aug. 2/79

ANALYSED Aug. 15/79

SAMPLE NO. :	PPM
PREFIX 40 U	
3436	5.0
3437	10.5
3438	5.5
3439	18.0
3440	116
3441	6.0
3442	2.0
3443	9.0
3444	12.5
3445	14.0
3446	118
3447	6.0
3448	6.0
3449	264
3450	9.5
3451	8.5
3452	4.0
3453	1.5
3454	11.0
3455	5.5
3456A	2.5
4954	16.5
4955	4.5
4956	39
4957	5.0
4958	1.0
4959	3.5
4960	17.0
4961	37
4962	22.5
4963	11.0
4964	2.0
4965	3.0
4966	3.0
4967	2.0
4968	3.0
4969	2.5
4970	4.0
4971	3.0
4972	3.0



MEMBER
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CERTIFIED BY: *Hart Bielle*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
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•ANALYTICAL CHEMISTS •GEOCHEMISTS •REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 255 Albert St., Ste. 400
 Ottawa, Ont.
 K1P 6A9

ATTN: Project 528 Area Mich Soil

CC. W. Olsson

CERTIFICATE NO. 49302

INVOICE NO. 31909

RECEIVED Aug. 2/79

ANALYSED Aug. 15/79

SAMPLE NO.:	PPM
PREF IX: 40 U	
4973	2.5
4974	2.5
4975	5.5
4976	6.0
4977	4.0
4978	3.0
4979	2.5
4980	2.5
4981	1.5
4982	21.0
4983	30
4984	13.0
4985	4.5
4986	7.0
4987	11.5
4988	9.0
4989	2.5
4990	2.0
4991	3.0
4993	7.5
4994	6.5
4998	43
5000	63
7159	10.5
7160	20.0
7161	1.5
7162	2.5
7163	44
7164	8.5
7165	18.5
7166	82
7167	13.0
7168	5.0
7169	2.5
7170	103
7171	2.0
7172	31
7173	6.5
7174	3.0
7175	34



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CERTIFIED BY: Hart Biddle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: ██████████ 984-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS ••GEOCHEMISTS ••REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 400 - 255 Albert St.,
 Ottawa, Ont.,
 ATTN: K1P 6A9

AREA MICH - SOIL
 c.c. W. Olsson

CERTIFICATE NO. 48899
 INVOICE NO. 31725
 RECEIVED July 22, 1979
 ANALYSED August 9, 1979

SAMPLE NO. :	PPM
	U
40 - 3252	2.0
3253	2.0
3254	5.0
3255	3.0
3256	1.0
3257	1.0
3258	3.0
3259	79
3260	2.0
3261	15.0
3262	9.0
3263	32
3264	115
3265	16.5
3266	156
3267	24.0
3268	36
3269	2.5
3914	3.0
3915	1.5
3916	14.0
3917	2.5
3918	39
3919	250
3920	57
3921	42
3922	271
3923	183
3924	200
3925	4.5
3926	380
3927	288
3928	68
3929	275
3930	137
3931	7.0
3932	50
3933	43
3934	5.5
40 - 3935	1.5



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 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY: *Stuart Siddle*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 49058

TO: Eldorado Nuclear Ltd.,
 Ste. 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9

INVOICE NO. 31767

RECEIVED July 25/79

ATTN: 528 - Mich - Soil

CC. W. Olsson

ANALYSED Aug. 11/79

SAMPLE NO.	PPM
PREFIX 40	
3271	14.5
3272	1.5
3273	3.0
3274	6.0
3275	3.5
3276	5.0
3277	27
3278	23
3279	1.5
3280	25
3281	13.5
3282	14.5
3283	6.0
3284	18.0
3285	0.5
3286	1.0
3287	6.5
3288	1.5
3289	0.5
3290	5.5
3291	-0.5
3292	24.0
3293	4.5
3294	150
3295	78
3296	81
3297	1.0
3298	4.5
3299	27
3300	108
3301	44
3302	0.5
3303	29
3304	56
3305	150
3306	12.5
3307	5.5
3308	75
3309	2.5
3310	1.0



MEMBER
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 ASSOCIATION

CERTIFIED BY:

Harold Biddle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
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 CANADA V7J 2C1
 TELEPHONE: 985-0649 984-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 Ste. 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9

ATTN: 528 - Mich - Soil

CC. W. Olsson

CERTIFICATE NO. 49154

INVOICE NO. 31776

RECEIVED July 30/79

ANALYSED Aug. 11/79

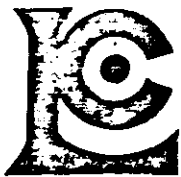
SAMPLE NO. :	PPM
U	
PREFIX 40	
3358	6.5
3359	7.5
3360	136
3361	53
3362	26
3363	2.5
3364	58
3365	51
3366	31
3367	39
3368	85
3369	11.0
3370	8.5
3371	16.5
3372	7.5
3373	19.0
3374	9.5
3375	21.0
3376	26
3377	46
3378	16.5
3379	19.5
3380	10.5
3381	21.0
3382	20.5
3383	15.0
3384	13.0
3385	24.0
3386	12.0
3387	12.0
3388	36
3389	14.5
3390	34
3391	13.0
3392	15.0
3393	22
3394	19.5
3395	19.5
3396	21.0
3397	30



MEMBER
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 ASSOCIATION

CERTIFIED BY:

Hart Biddle



CHEMEX LABS LTD.

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 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 49059

TO: Eldorado Nuclear Ltd.,
 Ste. 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9

INVOICE NO. 31767

RECEIVED July 25/79

ATTN: 528 - Mich - Soil

CC. W. Olsson

ANALYSED Aug. 11/79

SAMPLE NO.	PPM
U	
PREFIX 40	
3311	0.5
3312	0.5
3313	0.5
3314	2.5
3315	0.5
3316	2.5
3317	0.5
3318	-0.5
3319	10.0
3320	-0.5
3321	54
3322	1.5
3323	7.5
3324	6.0
3325	2.5
3326	9.0
3327	10.0
3328	14.0
3329	23.5
3330	3.5
3331	1.0
3332	58
3333	70
3334	9.5
3335	6.0
3336	6.5
3337	2.5
3338	5.0
3339	20.0
3340	5.0
3341	61
3342	2.5
3972	60
3973	5.5
3974	4.0
3976	8.0
3978	9.0
3980	10.0
3982	2.0
3983	31



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

Hart Biele



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

♦ANALYTICAL CHEMISTS ♦♦GEOCHEMISTS ♦♦REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
255 Albert St., STe. 400
Ottawa, Ont.
K1P 6A9

ATTN: 528-Mich-Soil

CC. W. Olsson

CERTIFICATE NO. 49155

INVOICE NO. 31823

RECEIVED July 30/79

ANALYSED Aug. 13/79

SAMPLE NO. :	PPM
PREFIX: 40 U	
3398	5.0
3399	28
3400	17.5
3401	7.5
3402	11.0
3403	20.5
3404	25
3405	13.0
3406	16.0
4892	44
4893	3.0
4894	2.5
4895	6.5
4896	5.0
4897	4.5
4898	5.0
4899	64
4900	3.5
4901	25
4902	9.5
4903	13.4
4904	8.5
4905	9.0
4906	12.0
4907	5.0
4908	8.0
4909	22.5
4910	7.0
4911	2.0
4912	35
4913	9.5
4914	19.0
4915	6.0
4916	9.0
4917	7.0
4918	11.5
4919	23.5
4920	14.5
4921	1.5
4922	0.5
CORRECTION ON SAMPLE 4903 U SHOULD BE 13.5 NOT 13.4	



MEMBER
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ASSOCIATION

CERTIFIED BY: *Hart Biddle*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
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 CANADA V7J 2C1
 TELEPHONE: ██████████ 984-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS ••GEOCHEMISTS •••REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9

AREA MICH SOILS
 c.c. W. Olsson

CERTIFICATE NO. 48900
 INVOICE NO. 31725
 RECEIVED July 22, 1979
 ANALYSED August 9, 1979

SAMPLE NO. :	PPM
	U
40 - 3936	59
3937	2.0
3938	64
3939	33
3940	5.5
3941	88
3942	20.0
3943	473
3944	98
3945	10.0
3946	648
3947	42
3948	8.5
3949	2.0
3950	2.5
3951	1.5
3952	1.5
3953	1.5
3954	12.5
3955	14.0
3956	18.0
3957	105
3958	67
3959	9.5
3960	3.5
3961	2.0
3962	7.5
3963	2.0
3964	2.0
3965	220
3968	3.5
3970	53
4467	5.5
4468	4.5
4469	3.0
4470	59
4471	70
4472	79
4473	175
40 - 4474	15.0



MEMBER
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 ASSOCIATION

CERTIFIED BY: Hans Biedle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: ██████████ 984-0221
 AREA CODE: 604
 TELEX: 043-52597

•ANALYTICAL CHEMISTS •GEOCHEMISTS •REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 400 - 255 Albert St,
 Ottawa, Ont.
 K1P 6A9

AREA MICH - SOIL
 c. c. W. Olsson

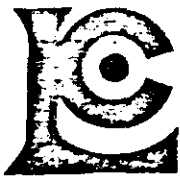
CERTIFICATE NO. 48902
 INVOICE NO. 31725
 RECEIVED July 22, 1979
 ANALYSED August 9, 1979

SAMPLE NO. :	PPM U
40 - 4296	147
4397	158
4398	68
4399	92
4400	18.0
4401	10.5
4402	13.5
4403	2.5
4404	2.5
4405	3.0
4406	5.0
4407	34
4408	3.0
4409	2.5
4410	25
4411	82
4412	4.0
4413	64
4414	121
4415	6.0
4416	11.5
4417	189
4418	212
4419	119
4420	257
4421	8.0
4422	9.5
40 - 4423	23.5



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CERTIFIED BY: *Hart Biddle*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 49060
 INVOICE NO. 31767
 RECEIVED July 25/79
 ANALYSED Aug. 11/79

TO: Eldorado Nuclear Ltd.,
 Ste. 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9
 ATTN: 528 - Mich - Soil

CC. W. Olsson

SAMPLE NO.	PPM
U	
PREFIX 40	
3984	20.0
3985	13.5
3987	3.5
3988	29
38989	23.5
3991	49
3992	38
3995	8.0
3998	24.0
3999	11.5
4424	51
4425	3.0
4426	112
4427	15.0
4428	15.0
4429	4.0
4430	6.0
4431	9.5
4432	3.0
4433	1.0
4434	1.5
4435	4.5
4436	1.5
4437	1.5
4438	11.0
4439	132
4440	6.0
4441	1.5
4442	2.0
4443	3.5
4444	12.0
4445	45
4446	42
4447	4.0
4448	5.0
4449	11.0
4450	8.0
4451	5.0
4452	4.0
4453	52



MEMBER
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CERTIFIED BY: *Hart Bielle*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 984-0227
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 49061

TO: Eldorado Nuclear Ltd.,
 Ste. 400 - 255 Albert St.,
 Ottawa, Ont.

INVOICE NO. 31767

RECEIVED July 25/79

ANALYSED Aug. 11/79

K1P 6A9

ATTN: 528 - Mich - Soil

CC. W. Olsson

SAMPLE NO.	PPM
U	
PREFIX 40	
4454	2.5
4455	5.0
4456	6.5
4457	4.0
4458	4.0
4459	4.0
4460	63
4461	30
4462	55
4463	11.0
4464	4.0
4465	1.0
4466	1.5
4477	4.0
4478	3.5
4479	1.0
4480	1.5
4481	3.0
4482	2.5
4483	-0.5
4484	1.5
4485	1.5
4486	2.0
4487	1.5
4488	8.0
4489	1.5
4490	0.5
4491	4.5
4492	1.5
4493	65
4494	31
4495	84
4496	31
4497	9.5
4498	4.5
4499	3.0
4833	1.5
4834	3.0
4835	0.5
4836	33



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CERTIFIED BY:

Hart Bielle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: ~~604-222-9222~~ 984-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 400 - 255 Albert St.,
 Ottawa, Ont.
 ATTN: K1P 6A9

AREA MICH - SOIL
 c.c. W. Olsson

CERTIFICATE NO. 48901
 INVOICE NO. 31725
 RECEIVED July 22, 1979
 ANALYSED August 9, 1979

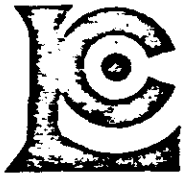
SAMPLE NO. :	PPM
	U
40 - 4475	25
4476	124
4804	0.5
4805	2.5
4806	2.5
4807	2.0
4808	59
4809	13.0
4810	73
4811	11.5
4812	217
4813	169
4814	262
4815	152
4816	77
4817	12.5
4818	2.5
4819	3.5
4820	3.5
4821	2.0
4822	1.5
4823	2.5
4824	2.5
4825	42
4826	88
4827	46
4828	51
4829	47
4830	1.0
4832	27
4202	17.0
4203	1.5
4204	10.0
4389	2.5
4390	2.5
4391	1.5
4392	1.5
4393	22.0
4394	18.0
40 - 4395	70



MEMBER
 CANADIAN TESTING
 ASSOCIATION

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Hart Biddle



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212 BROOKSBANK AVE.
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 CANADA V7J 2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 49062

TO: Eldorado Nuclear Ltd.,
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 Ottawa, Ont.
 K1P 6A9

INVOICE NO. 31767

RECEIVED July 25/79

ATTN: 528 - Mich - Soil

CC. W. Olsson

ANALYSED Aug. 11/79

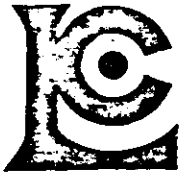
SAMPLE NO.	PPM
U	
PREFIX 40	
4837	145
4838	221
4839	104
4840	3.5
4841	1.0
4842	1.5
4843	1.0
4844	190
4845	56
4846	+400
4847	14.5
4848	44
4849	41
4850	19.0
4851	3.5
4852	7.0
4853	2.5
4854	4.5
4855	6.0
4856	7.5
4857	42
4858	5.5
4859	23.0
4860	10.5
4861	4.0
4862	2.0
4863	17.5
4864	12.5
4865	13.5
4866	152
4867	5.0
4868	22.5
4869	16.0
4870	36
4871	9.5
4872	10.0
4873	22.5
4874	6.5
4875	9.0
4876	150



MEMBER
 CANADIAN TESTING
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CERTIFIED BY:

Hart Biele



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212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 S E. 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9

ATTN: 528-Mich-Soil

CC. W. Olsson

CERTIFICATE NO. 49063
 INVOICE NO. 31767
 RECEIVED July 25/79
 ANALYSED Aug. 11/79

SAMPLE NO.	PPM
U	
PREFIX 40	
4877	400
4878	3.0
4879	17.0
4880	13.0
4881	11.0
4882	17.5
4883	20.0
4884	6.5
4885	11.5
4886	28
4887	61
4888	10.0
4889	125
4890	53
4891	8.0
7001	9.5
7002	19.0
7003	0.5
7004	17.5
7005	9.5
7006	4.0
7007	1.5
7008	2.5
7009	3.0
7010	11.5
7011	100
7012	29
7013	15.0
7014	6.5
7015	14.0
7016	9.0
7017	2.5
7018	5.0
7019	2.5
7020	12.5
7021	15.5
7022	7.5
7023	2.0
7024	1.5
7025	14.0



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CERTIFIED BY:

Hart Biddle



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212 BROOKSBANK AVE.
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 CANADA V7J2C1
 TELEPHONE: 984-0221
 AREA CODE: 804
 TELEX: 04-352597

•ANALYTICAL CHEMISTS •GEOCHEMISTS •REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 255 Albert St., Ste. 400
 Ottawa, Ont.
 K1P 6A9

ATTN: 528 - Mich - Soil

CC. W. Olsson

CERTIFICATE NO. 49156

INVOICE NO. 31823

RECEIVED July 30/79

ANALYSED Aug. 13/79

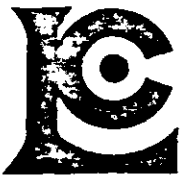
SAMPLE NO. :	PPM
PREFIX 40 U	
4923	-0.5
4924	0.5
4925	1.5
4926	8.0
4927	17.0
4928	4.5
4929	18.0
4930	8.5
4931	155
4932	4.0
4933	8.5
4934	13.0
4935	14.5
4936	30
4937	1.5
4938	1.0
4939	4.0
4940	7.0
4941	1.5
4942	1.0
4943	3.0
4944	5.0
4945	1.5
4946	1.5
4947	3.5
4948	228
4949	63
4950	27
4951	9.0
4952	16.5
4953	1.5
7049	9.5
7050	87
7084	72
7085	130
7086	67
7087	70
7088	1.5
7089	4.5
7090	2.5



MEMBER
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CERTIFIED BY:

Hart Biele



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648 984-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 St e 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9

ATTN: 528 - Mich - Soil

CC. W. Olsson

CERTIFICATE NO. 49064

INVOICE NO. 31767

RECEIVED July 25/79

ANALYSED Aug. 11/79

SAMPLE NO. :	PPM
	U
PREFIX 40	
7026	2.0
7027	59
7028	3.5
7029	16.0
7030	9.5
7031	9.0
7032	38
7033	17.0
7034	49
7035	2.5
7036	17.5
7037	9.5
7038	12.0
7039	11.0
7040	4.5
7041	1.0
7042	3.0
7043	3.0
7044	18.0
7045	32
7046	8.0
7047	7.0
7048	1.5
7250	30
7251	37
7252	47
7253	7.0
7254	4.5
7255	2.0
7256	9.5
7257	1.5
7258	19.5
7259	21.0
7260	20.5
7261	12.0
7262	7.0
7263	6.5
7264	38
7265	34
7266	28



MEMBER
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 ASSOCIATION

CERTIFIED BY:

Hart Biddle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
255 Albert St., Ste. 400
Ottawa, Ont.
K1P 6A9
ATTN: 528-Mich-Soil

CC. W.Olsson

CERTIFICATE NO. 49157
INVOICE NO. 31823
RECEIVED July 30/79
ANALYSED Aug. 13/79

SAMPLE NO. :	PPM
PREFIX 40 U	
7091	22.0
7092	5.0
7093	11.0
7094	38
7095	41
7096	48
7097	12.5
7098	18.5
7099	3.5
7100	3.0
7101	2.5
7102	7.0
7103	40
7104	12.0
7105	8.5
7106	50
7107	14.0
7108	3.5
7109	5.5
7110	9.5
7111	12.5
7112	6.0
7113	9.5
7114	5.0
7115	40
7116	34
7117	8.0
7118	3.0
7119	70
7120	13.0
7121	10.0
7122	20.0
7123	37
7124	1.0
7125	19.5
7126	4.0
7127	54
7128	18.5
7129	25.0
7130	27



MEMBER
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ASSOCIATION

CERTIFIED BY:

Hart Biddle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 04-352597

•ANALYTICAL CHEMISTS •GEOCHEMISTS •REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 255 Albert St., Ste. 400
 Ottawa, Ont.
 K1P 6A9

ATTN: 528-Mich-Soil

CC. W. Olsson

CERTIFICATE NO. 49158

INVOICE NO. 31823

RECEIVED July 30/79

ANALYSED Aug. 13/79

SAMPLE NO.:	PPM
PREFIX 40 U	
7131	38
7132	31
7133	29
7134	30
7135	19.0
7136	16.0
7137	24.0
7138	29
7139	31
7140	16.5
7141	25
7142	20.5
7143	25
7144	13.0
7145	8.5
7146	23.0
7147	20.5
7148	13.0
7149	8.5
7150	26
7151	18.0
7152	34
7153	35
7154	34
7155	25
7156	21.5
7157	26
7158	33
7267	18.0
7268	53
7269	4.0
7270	2.5
7271	4.5
7272	1.5
7273	18.5
7274	9.5
7275	67
7276	4.0
7277	4.5
7278	0.5



MEMBER
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 ASSOCIATION

CERTIFIED BY: *Hart Biddle*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
255 Albert St., Ste. 400
Ottawa, Ont.
K1P 6A9

ATTN: Project 528 Area-Mich-Soil

CC. W. Olsson

CERTIFICATE NO. 49303

INVOICE NO. 31909

RECEIVED Aug. 2/79

ANALYSED Aug. 15/79

SAMPLE NO. :	PPM
PREFIX	U
7176	31
7177	4.5
7179	62
7181	113
7185	92
7186	33
7187	49
7191	71
7194	16.5
7195	15.0
7329	39
7330	4.0
7331	22.5
7332	8.5
7333	26
7334	22.5
7335	20.0
7336	18.0
7337	5.5
7338	14.5
7339	11.0
7340	96
7341	15.5
7342	115
7343	5.0
7344	14.5
7345	2.5
7346	2.0
7347	4.0
7348	4.0
7349	2.5
7350	5.0
7351	10.5
7352	20.5
7353	23.0
7354	3.5
7355	14.5
7356	7.5
7357	15.5
7358	4.0



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212 BROOKSBANK AVE.
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 CANADA V7J2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 255 Albert St., Ste. 400
 Ottawa, Ont.
 K1P 6A9

ATTN: Area-Mich-Soils

CC. W. Olsson

CERTIFICATE NO. 49393

INVOICE NO. 32018

RECEIVED Aug. 6/79

ANALYSED Aug. 20/79

SAMPLE NO. :	PPM
PREFIX 40 U	
1171	2.0
1174	2.0
1315	3.0
1316	4.5
1319	25
1321	1.0
1322	1.0
1323	22.0
1324	11.0
1325	31
1326	2.0
1328	6.5
1330	3.5
1332	4.5
1333	14.5
1334	39
1335	6.0
1336	2.0
1337	32
1338	16.0
1339	28
1340	8.5
30 17	2.5
72 15	9.0
72 16	3.5
72 17	14.0
72 18	2.0
7220	7.0
7221	15.5
7223	34
7224	27
7225	13.0
7226	41
7227	22.5
7228	25
7232	17.5
7234	25
7235	4.5
7377	95
7393	6.0



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212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: EldoradoNuclear Ltd.,
255 Albert St., 400 Ste.
Ottawa, Ont.
K1P 6A9

ATTN: Area-Mich-Soil

CC. W. Olsson

CERTIFICATE NO. 49394

INVOICE NO. 32018

RECEIVED Aug. 6/79

ANALYSED Aug. 20/79

SAMPLE NO. :	PPM
PREFIX 40 U	
7394	25
7395	12.0
7396	5.0
7397	3.0
7398	9.0
7399	4.0
7400	14.0
7401	4.0
7402	8.5
7578	6.5
7581	22.0
7582	30.5
7584	14.5
7588	3.0
7589	14.0
7590	4.5
7591	10.0
7593	12.0
7594	2.5
7596	1.0
7597	17.5
7598	29
7602	26
7635	24.5
7637	3.0
7779	7.0
7780	14.0
7781	20.5
7782	21.0
7783	19.0
7784	3.0
7785	14.0
7786	16.0
7787	9.5
7788	17.0
7789	23.5
7791	3.0
7792	43
7793	5.5
7794	7.5



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212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 255 Albert St., Ste. 400
 Ottawa, Ont.
 K1P 6A9

ATTN: Area-Mich-Soil

CC. W. Olsson

CERTIFICATE NO. 49395

INVOICE NO. 32018

RECEIVED Aug. 6/79

ANALYSED Aug. 20/79

SAMPLE NO. :	PPM
	U
PREFIX 40	
7795	8.0
7796	11.0
7797	6.5
7798	14.0
7799	23
7800	16.0
7801	28
7803	91
7804	57
7805	45
7806	51
7807	6.0
8236	1.0
8237	79
8238	3.5
8242	40
8243	115
8244	8.5
8245	14.5
8248	2.0
8249	31
8250	33
8252	4.5
8253	171
8254	16.0
8255	33
8256	7.0
8257	4.0
8258	4.5
8259	13.5
8260	6.5
8261	0.5
8262	6.0
8263	3.0
8264	56
8265	11.5
8266	41
8267	74
8268	5.0
8269	17.5



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212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 04-352597

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CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 255 Albert St., Ste. 400
 Ottawa, Ont.
 K1P 6A9

ATTN: Project 528 Area Mich Soil

CC. W. Olsson

CERTIFICATE NO. 49305

INVOICE NO. 31997

RECEIVED Aug. 2/79

ANALYSED Aug. 17/79

SAMPLE NO. :	PPM
75 11	3.5
75 12	38
75 13	5.0
75 14	291
75 15	13.0
75 16	18.5
75 17	11.0
75 18	14.5
75 19	11.5
7520	5.5
7521	5.5
7522	4.0
7523	7.5
7524	7.5
7525	75
7526	44
7527	4.0
7528	29
7529	9.0
7530	6.5
7531	31
7532	79
7533	9.5
7534	11.5
7535	6.5
7536	6.0
7537	27
7541	15.0
7543	7.5
7544	32
7546	27
7548	49
7551	6.5
7554	56
7555	27
7556	13.5
7557	6.5
7558	84
7559	13.0
PLS DISREGARD Z IN ABOVE SAMPLE	
UTYP	JQ
7560	71



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CERTIFIED BY: *Hart Biele*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 04-352597

ANALYTICAL CHEMISTS GEOCHEMISTS REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 255 Albert St., Ste. 400
 Ottawa, Ont.
 K1P 6A9

ATTN: Project 528 - Area Mich Soil

CC. W. Olsson

CERTIFICATE NO. 49304

INVOICE NO. 31997

RECEIVED Aug. 2/79

ANALYSED Aug. 17/79

SAMPLE NO.:	PPM
7359	7.5
7360	24.5
7361	12.5
7362	7.5
7363	13.0
7364	9.0
7365	9.0
7366	0.0
7367	27
7368	8.5
7369	14.0
7371	9.5
7372	0.0
7373	6.0
7376	3.5
7378	55
7379	1.5
7380	0.5
7381	24.0
7382	25
7383	3.0
7384	2.5
7385	16.5
7386	22.0
7387	5.5
7388	4.0
7389	8.5
7390	43
7391	20.0
7392	265
7501	9.5
7502	2.5
7503	3.5
7504	13.0
7505	22.0
7506	4.5
7507	4.0
7508	64
7509	7.5
7510	5.5



MEMBER
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CERTIFIED BY: Harv Biele



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 255 Albert St., Ste. 400
 Ottawa, Ont.
 K1P 6A9
 ATTN: 528-Mich-Soil

CC. W. Olsson

CERTIFICATE NO. 49159
 INVOICE NO. 31823
 RECEIVED July 30/79
 ANALYSED Aug. 13/79

SAMPLE NO. :	PPM
PREFIX 40	U
7270	3.0
2780	13.5
7281	9.5
7282	70
7283	13.0
7284	21.0
7285	31
7286	8.0
7287	95
7288	27
7289	72
7290	33
7291	13.0
7292	12.5
7293	68
7294	2.5
7295	328
7296	17.5
7297	15.5
7298	18.0
7299	6.5
7300	32
7301	45
7302	75
7303	24.0
7304	405
7305	13.5
7306	102
7307	118
7308	12.5
7309	8.0
7310	20.0
7311	14.0
7312	9.5
7313	11.0
7314	13.5
7315	14.0
7316	18.0
7317	10.5
7318	33



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CERTIFIED BY: *Hart Bickle*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 255 Albert St., Ste. 400
 Ottawa, Ont.
 K1P 6A9

ATTN: 528-Mich-Soil

CC. W. Olsson

CERTIFICATE NO. 49160

INVOICE NO. 31823

RECEIVED July 30/79

ANALYSED Aug. 13/79

SAMPLE NO. :	PPM
PREFIX 40	U
7319	12.5
7320	13.0
7321	18.0
7322	26
7323	24.5
7324	32
7325	22.0
7326	12.5
7327	20.0
7328	17.5
8113	1.5
8114	28
8115	16.0
8117	2.5
8113	9.0
8119	24.5
8120	7.5
8121	17.5
8122	84
8123	112
8124	2.5
8125	2.5
8126	1.0
8127	18.0
8128	47
8130	68
8131	13.0
8132	2.0
8133	14.0
8134	10.0
8135	8.5
8136	17.0
8137	18.0
8138	17.0
8139	28
8140	18.5
8141	25
8142	18.0
8143	17.5
8144	10.5



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 ASSOCIATION

CERTIFIED BY: *Hart Biele*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.
 Ste. 400 - 255 Albert St.
 Ottawa, Ont.
 K1P 6A9

ATTN: PROJECT: 528-Area-Mich-Soil CC: W. Olsson

CERTIFICATE NO. 49306
 INVOICE NO. 32007
 RECEIVED Aug. 2/79
 ANALYSED Aug. 21/79

SAMPLE NO. :	PPM
	U
PREFIX 40	
7563	13.5
7564	30
7565	14.5
7568	41
7569	21.0
7570	32
7572	24.0
7573	8.5
7574	8.0
7575	5.5
7576	13.0
7752	20.0
7753	21.0
7754	2.5
7756	13.0
7757	62
7758	32
7760	1.5
8172	5.0
8173	22.0
8174	5.0
8175	8.5
8176	66
8177	19.0
8178	13.5
8179	7.5
8180	3.5
8181	8.0
8182	13.0
8183	27
8184	3.5
8185	4.0
8186	9.0
8187	2.5
8188	14.5
8189	13.5
8190	38
8191	4.5
8192	10.5
8193	27



MEMBER
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 ASSOCIATION

CERTIFIED BY: *Hart Biddle*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.
 Ste. 400 - 255 Albert St.
 Ottawa, Ont.
 K1P 6A9

ATTN: PROJECT: 528-Area-Mich-Soil

CC: W. Olsson

CERTIFICATE NO. 49307

INVOICE NO. 32007

RECEIVED Aug. 2/79

ANALYSED Aug. 21/79

SAMPLE NO. :	PPM
	U
PREFIX 40	
8194	29
8195	19.0
8196	8.0
8197	3.5
8198	4.5
8199	11.5
8200	14.5
8201	4.5
8202	12.5
8203	42
8204	15.0
8205	2.5
8206	12.0
8207	6.0
8208	20.0
8209	10.5
8210	15.0
8211	17.5
8212	229
8213	6.0
8214	37
8215	7.0
8216	70
8217	15.0
8218	7.5
8219	12.5
8220	99
8221	4.5
8222	17.5
8223	14.5
8224	16.0
8225	31
8226	29
8227	19.0
8228	30
8229	31
8230	28
8231	25
8232	20
8233	25



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212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 04-352597

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CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.
 Ste. 400 - 255 Albert St.
 Ottawa, Ont.
 K1P 6A9

ATTN: PROJECT: Mich-Soils CC: W. Olsson

CERTIFICATE NO. 49447

INVOICE NO. 32028

RECEIVED Aug. 8/79

ANALYSED Aug. 21/79

SAMPLE NO. :	PPM
U	
PREFIX 40	
1362	27
1364	6.0
1365	1.5
1366	2.0
1367	0.5
1369	1.5
1370	1.0
1372	0.5
1373	1.0
1374	2.0
1375	1.0
1376	0.5
1377	1.0
1378	2.0
7051	5.0
7052	32
7053	6.5
7055	14.0
7056	9.0
7057	8.5
7058	75
7059	129
7060	13.5
7061	22.5
7062	4.0
7063	3.0
7067	7.5
7068	8.0
7083	10.5
7236	46
7237	40
7238	18.0
7627	8.5
7628	34
7630	34
7633	28
7634	4.0
7638	4.0
7639	6.0
7640	4.0



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212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J2C1
 TELEPHONE: 984-0221
 AREA CODE: 604
 TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.
 Ste. 400 - 255 Albert St.
 Ottawa, Ont.
 K1P 6A9

ATTN: PROJECT: Mich-Soils CC: W. Olsson

CERTIFICATE NO. 49448
 INVOICE NO. 32028
 RECEIVED Aug. 8/79
 ANALYSED Aug. 21/79

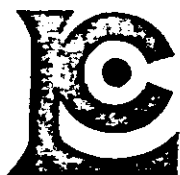
SAMPLE NO. :	PPM
U	
PREFIX 40	
7641	7.0
7642	2.5
7644	42
7645	9.5
7646	9.5
7647	16.5
7648	650
7649	94
7650	6.0
7651	9.5
7652	1.0
7653	2.5
7655	2.0
7656	1.0
7658	1.0
7823	57
7825	7.5
7827	22.5
7828	35
7829	8.0
7830	3.0
7831	92
7832	8.0
7834	10.0
7835	2.5
7836	3.0
7837	4.5
7838	2.0
7839	3.5
7840	1.0
7841	-0.5
7842	2.5
7843	-0.5
7844	-0.5
8284	7.5
8285	-0.5
8286	4.0
8287	5.0
8288	4.0
8289	3.0

NOTE: - Denotes Less Than.



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212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-8646 984-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 Ste. 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9

ATTN: 528 - Mich - Soil

CC. W. Olsson

CERTIFICATE NO. 49065

INVOICE NO. 31767

RECEIVED July 25/79

ANALYSED Aug. 11/79

SAMPLE NO.	PPM
PREFIX 40	
8001	7.5
8002	5.5
8004	5.5
8005	58
8007	14.5
8008	4.5
8010	6.0
8012	6.5
8013	130
8015	132
8016	230
8018	+400
8019	8.0
8020	170
8021	75
8023	130
8025	133
8026	34
8027	55
8028	48
8030	12.5
8031	4.0
8034	1.5
8035	37
8038	8.0
8039	9.0
8040	+400
8041	280
8042	135
8043	208
8044	38
8046	85
8047	67
8049	23.0
8051	61
8052	16.0
8054	27
8056	22.5
8058	19.5
8060	8.5



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CERTIFIED BY:

Hart Biddle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604
 TELEX: 043-52597

984-0221

•ANALYTICAL CHEMISTS •GEOCHEMISTS •REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 Ste. 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9

ATTN: 528 - Mich - Soil

CC. W. Olsson

CERTIFICATE NO. 49066

INVOICE NO. 31767

RECEIVED July 25/79

ANALYSED Aug. 11/79

SAMPLE NO PREFIX	PPM
8062	10.0
8064	15.0
8065	9.0
8066	8.0
8067	26
8068	92
8069	44
8071	25
8073	5.0
8074	36
8076	15.0
8078	9.0
8080	18.0
8082	17.0
8084	18.5
8085	2.5
8087	6.0
8088	49
8089	1.5
8091	4.0
8092	152
8093	-0.5
8095	28
8096	24
8098	60
8100	1.5
8102	11.5
8104	9.5
8106	3.0
8108	3.5
8110	80
8112	18.5



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 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

Hart Bille



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 954-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.
 Ste. 400 - 255 Albert St.
 Ottawa, Ont.

ATTN: K1P 6A9
 PROJECT: Mich-Soil CC: W. Olsson

CERTIFICATE NO. 49804
 INVOICE NO. 32274
 RECEIVED Aug. 17/79
 ANALYSED Aug. 31/79

SAMPLE NO. :	PPM U
40-1175	1.5
7409	0.5
7410	3.0
7413	2.5
7414	20.0
7415	13.5
7416	6.5
7418	9.5
7419	37
7420	18.5
7845	5.5
7846	11.0
7847	9.0
7848	3.0
7849	9.0
7850	14.0
7851	18.0
7852	9.5
7853	5.0
7854	4.0
7855	12.5
8654	79
8655	27
40-8657	8.5

EXPLORATION
 DIVISION
 SEP 5 1979



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY:

Hart Bielle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J2C1
TELEPHONE: 984-0221
AREA CODE: 804
TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.
Ste. 400 - 255 Albert St.
Ottawa, Ont.
K1P 6A9

ATTN: PROJECT: 528-Area-Mich-Silt

CC: W. Olsson

CERTIFICATE NO. 49309

INVOICE NO. 32007

RECEIVED Aug. 2/79

ANALYSED Aug. 21/79

SAMPLE NO. :	PPM
U	
PREFIX 41	
1302	53
1303	37
1306	14.0
3449	323
4997	11.0
7182	121
7183	40
7185	51
7186	37
7190	98
7192	160
7193	87
7196	11.0
7197	86
7539	25
7540	32
7550	49
7751	14.0
8641	24.0
8643	12.5



MEMBER
CANADIAN TESTING
ASSOCIATION

CERTIFIED BY:

Hart Bielle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352587

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
255 Albert St., Ste. 400
Ottawa, Ont.
K1P 6A9

ATTN: Area-Mich-Silt

CC. W. Olsson

CERTIFICATE NO. 49397

INVOICE NO. 32018

RECEIVED Aug. 6/79

ANALYSED Aug. 20/79

SAMPLE NO. :	PPM
	U
PREFIX 41	
1317	44
1318	32
1319	45
1329	357
1331	397
1340	283
7229	22.0
7230	25
7231	22.5
7233	29
7234	13.0
7586	57
7587	37
7600	120
7603	35
7790	17.0
7802	66
8237	103
8242	63
8244	25.0
8250	62



MEMBER
CANADIAN TESTING
ASSOCIATION

CERTIFIED BY: Hart Bielle



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: [REDACTED] 984-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9

AREA MICH WATERS
 c.c. Whitehorse, Y.T.

CERTIFICATE NO. 49401
 INVOICE NO. 31932
 RECEIVED August 6, 1979
 ANALYSED August 16, 1979

SAMPLE NO. :	PPB
	U
42-1302	1.6
1303	0.8
1306	0.4
1314	0.4
1317	2.0
1319	1.0
7218	1.4
7219	1.0
7577	0.6
7586	0.6
7587	0.8
7790	0.4
8237	1.2
8242	0.8
8244	0.2
8645	80
42-8250	1.2



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY: *Hart Biddle*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: [REDACTED] 984-0221
AREA CODE: 604
TELEX: 043-52597

•ANALYTICAL CHEMISTS •GEOCHEMISTS •REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
400 - 255 Albert St.,
Ottawa, Ont.
ATTN: KIP 6A9

PROJ 528 AREA MICH WATERS
c.c. Whitehorse

CERTIFICATE NO. 49298
INVOICE NO. 31700
RECEIVED August 2, 1979
ANALYSED August 8, 1979

SAMPLE NO. :	PPB
	U
42 - 3449	42
4997	0.2
7182	3.6
7183	0.2
7185	0.4
7186	1.0
7190	0.2
7192	18.8
7193	2.8
7197	2.2
7539	1.0
7540	0.2
7550	0.2
7751	0.6
8641	0.2
42 - 8643	0.2



MEMBER
CANADIAN TESTING
ASSOCIATION

CERTIFIED BY: *Hart Bielle*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J2C1
TELEPHONE: 984-0221
AREA CODE: 604
TELEX: 04-352597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 50426

TO: Eldorado Nuclear Ltd.,
Ste. 400 - 255 Albert St.,
Ottawa, Ontario K1P 6A9

INVOICE NO. 32442

RECEIVED Sept. 3/79

ATTN: PROJECT: Area-Mich-Water (WATERS) CC: J. Olsson

ANALYSED Sept. 7/79

SAMPLE NO. :	PPB
	U
42-8668	0.2



MEMBER
CANADIAN TESTING
ASSOCIATION

CERTIFIED BY: *Hart Biele*



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-8848 984-0221
 AREA CODE: 604
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Eldorado Nuclear Ltd.,
 Ste. 400 - 255 Albert St.,
 Ottawa, Ont.
 K1P 6A9

ATTN: MICH - HEAVY MINERALS CC. W. Olsson

CERTIFICATE NO. 49826
 INVOICE NO. 32768
 RECEIVED 33130 - Th
 Aug. 17/79
 ANALYSED Sept. 24/79

SAMPLE NO. :	PPM Pb	PPM Sn	PPM W	PPM Sb	PPM U	PPM Th
44-7083	24	5	125	0.1	65	310
8663	22	31	85	1.4	40	300
8664	54	220	275	3.0	59	800
8665	28	26	150	1.4	32	400
8666	36	37	150	0.2	30	420
44-8667	62	26	800	1.4	35	1050
	Total	-10 fraction	-10 heavies			
44-7083	1512	1435	46.34			
8663	1569	1467	51.20			
8664	1414	1113	17.71			
8665	1518	1455	71.78			
8666	2027	1794	83.79			
44-8667	1385	1188	24.14			



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY: *Hart Biddle*

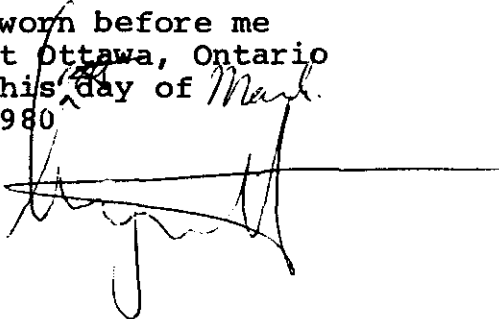
AFFIDAVIT

I, William Olsson, of Ottawa, Ontario hereby make oath and say:

To the best of my knowledge, the attached Statement
of Expenditures for exploration work on the MICH 1-196
Mineral Claims (on Claim Sheet 105C/8) in 1979, is true
and accurate.


William Olsson

Sworn before me
at Ottawa, Ontario
this ^{14th} day of *March*
1980



Statement of Expenditures
MICH 1-196 Mineral Claims
1979

Salaries

B. Oakes	Party Chief	15 days @ \$150 =	2,250
G. Delaney	Geologist	15 days @ \$100 =	1,500
B. Duncan	Geologist	19 days @ \$100 =	1,900
A. Pasitchniak	Assistant	22 days @ \$ 85 =	1,870
E. Connell	Assistant	20 days @ \$ 85 =	1,700
J. Crux	Assistant	18 days @ \$ 85 =	1,530
B. Skelly	Assistant	17 days @ \$ 85 =	1,445
G. Owsiacki	Assistant	18 days @ \$ 85 =	1,530
		44	\$13,725
			Subtotal 1 <u>\$13,725</u>

Logistics

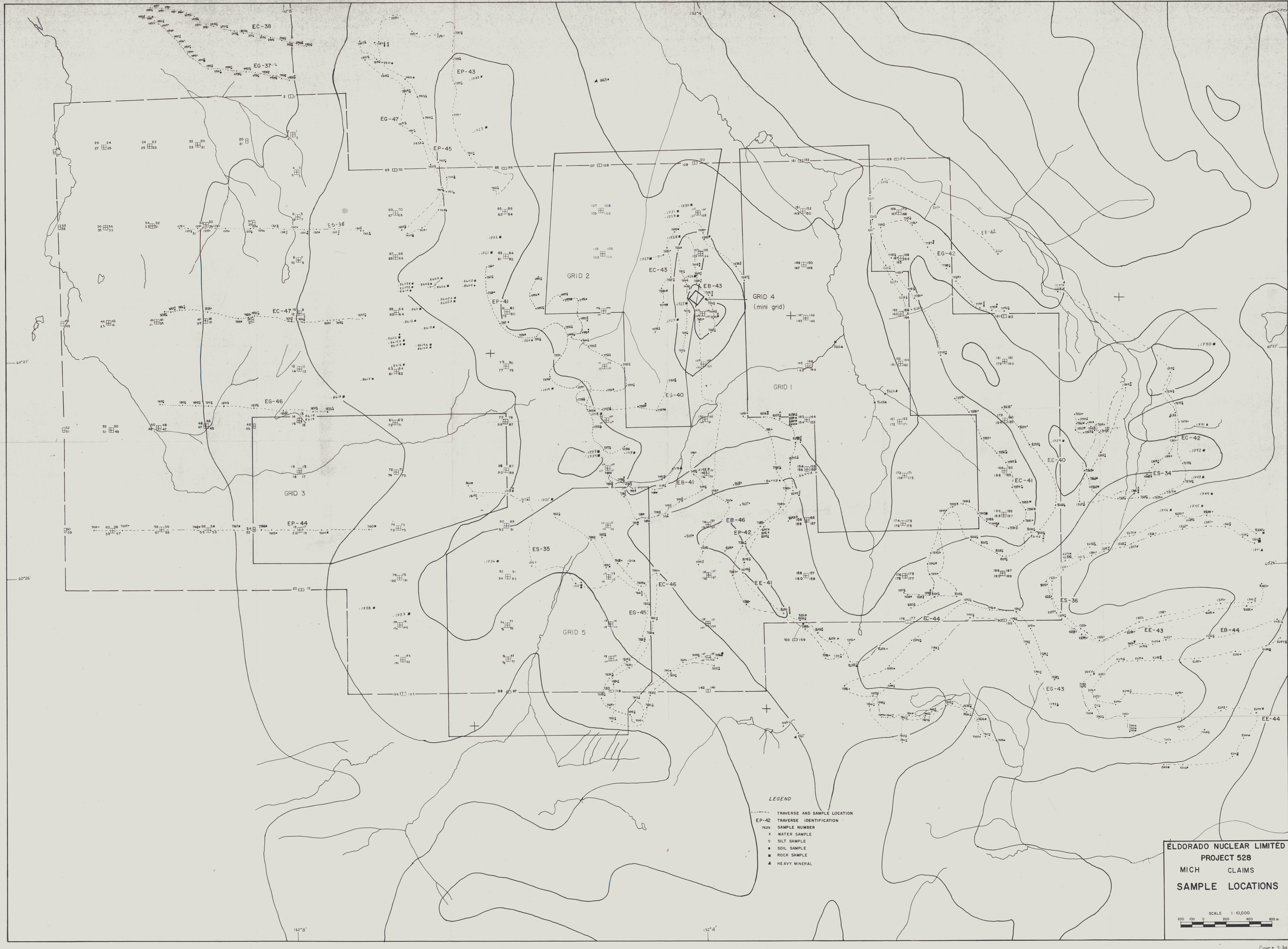
Rental of Geophysical Instruments	144 x \$ 6 =	864
Helicopter - Fuel	65.06 x \$425 =	27,650
Motel Charges	144 x \$44.50 =	6,408
		\$34,922
		Subtotal 2 <u>\$34,922</u>

Analytical Charges

1,788 Soils @ \$3.20 less 20%	=	4,577
187 Rocks @ \$4.50 less 20%	=	673
54 Silts @ \$3.20 less 20%	=	173
12 Heavy Minerals @ \$26.25 less 20%	=	252
51 Waters @ \$2.75 less 20%	=	112
		\$5,787
		Subtotal 3 <u>\$5,787</u>
		TOTAL \$54,434

Total cost incurred in evaluating
MICH 1-196 Mineral Claims
in 1979 is \$54,434

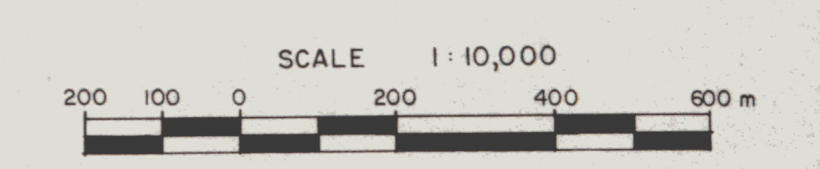
Work was carried out on the MICH 1-196 Mineral Claims commencing
July 16, 1979 and ending August 8, 1979.

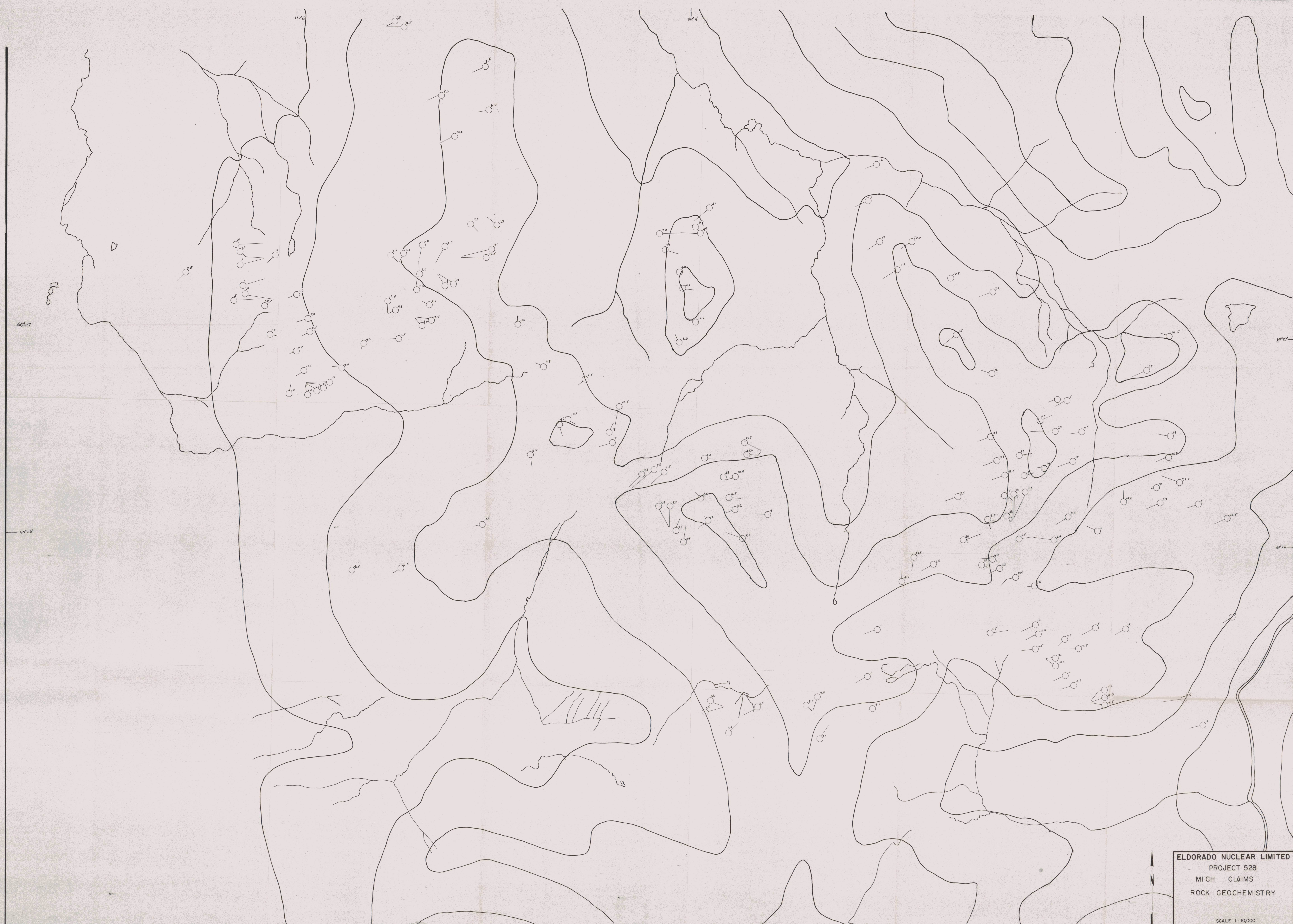


LEGEND

- TRAVERSE AND SAMPLE LOCATION
- EP-42 TRAVERSE IDENTIFICATION
- 7629 SAMPLE NUMBER
- X WATER SAMPLE
- SILT SAMPLE
- SOIL SAMPLE
- ROCK SAMPLE
- ▲ HEAVY MINERAL

ELDORADO NUCLEAR LIMITED
PROJECT 528
 MICH CLAIMS
SAMPLE LOCATIONS





60°27'

60°28'

132°26'

132°27'

132°28'

60°27'

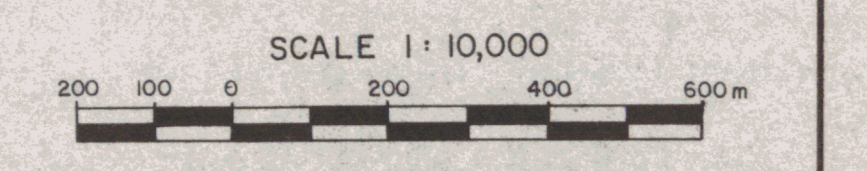
60°26'

132°25'

132°24'



ELDORADO NUCLEAR LIMITED
PROJECT 528
MICH CLAIMS
ROCK GEOCHEMISTRY





132°00'

15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0.5 0.2 0.1 0.05 0.02 0.01 0.005 0.002 0.001 0.0005 0.0002 0.0001 0.00005 0.00002 0.00001

132°04'

60°21'

60°21'

60°26'

60°26'

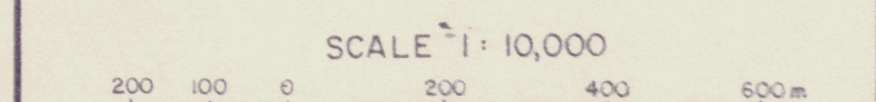

132°05'

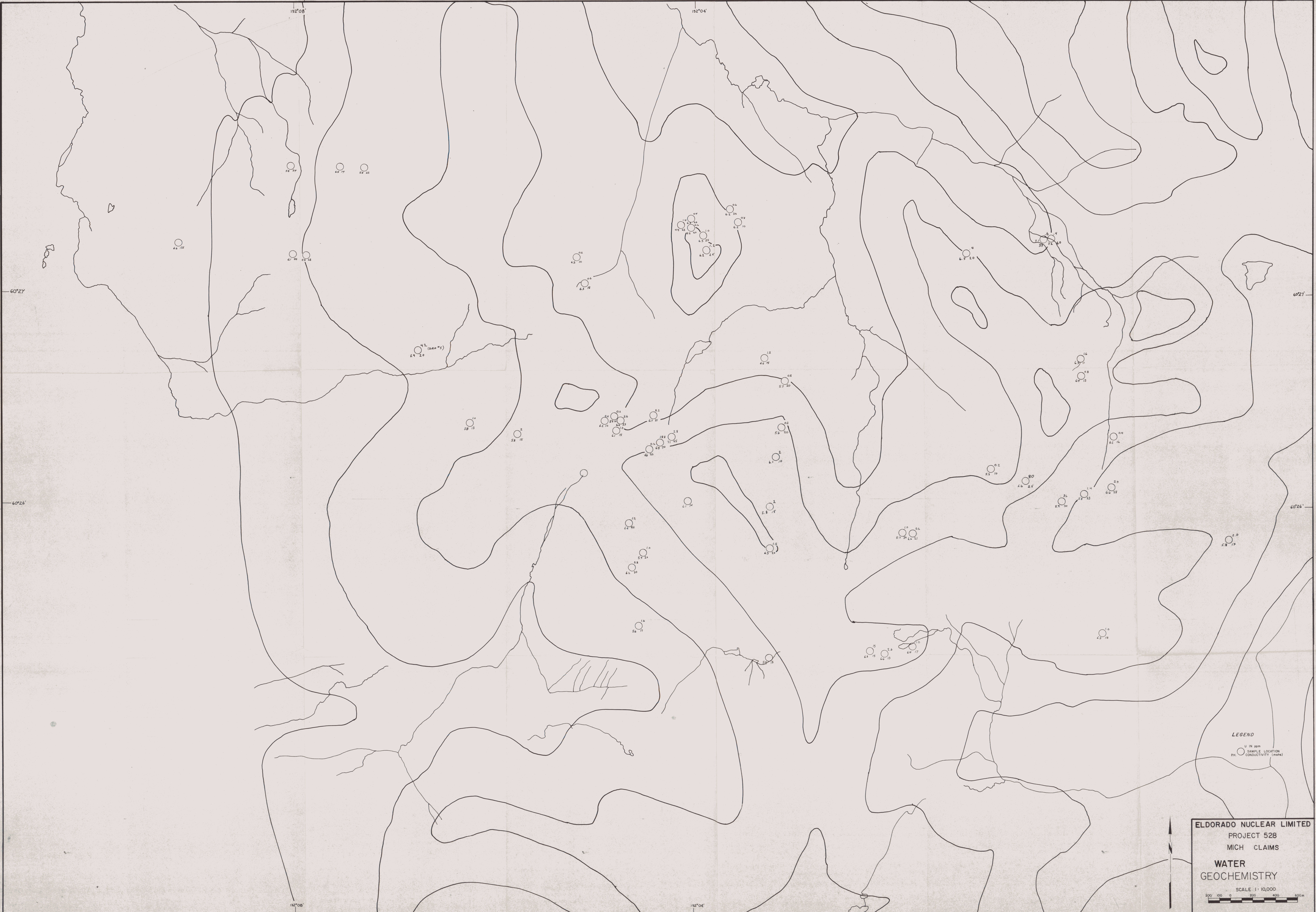
132°04'

LEGEND

- 1/16 ppm SOIL SAMPLE LOCATION
- 1/16 ppm SILT SAMPLE LOCATION

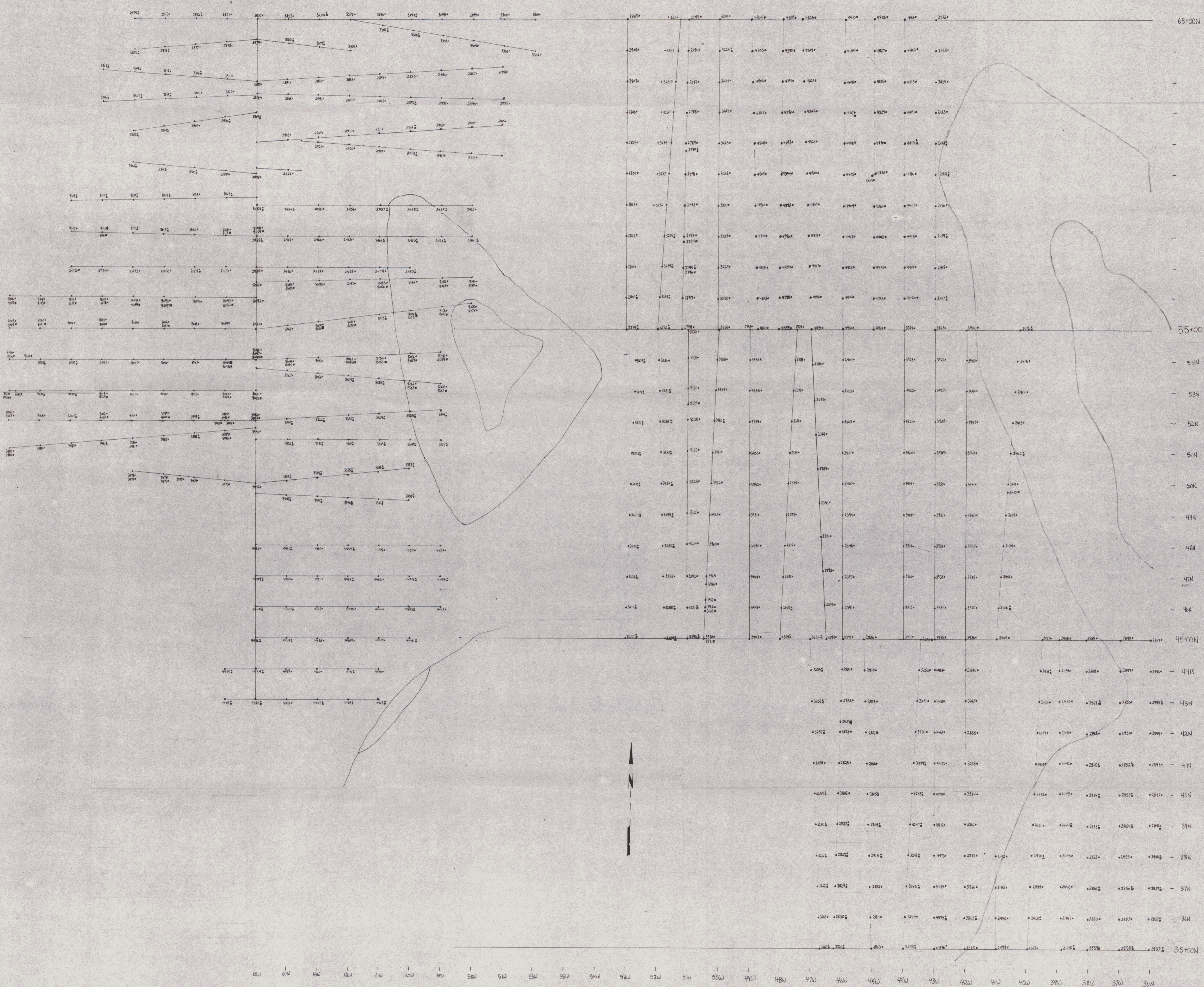
ELDORADO NUCLEAR LIMITED
PROJECT 528
MICH CLAIMS
SILT & SOIL
GEOCHEMISTRY
SCALE 1" = 10,000'



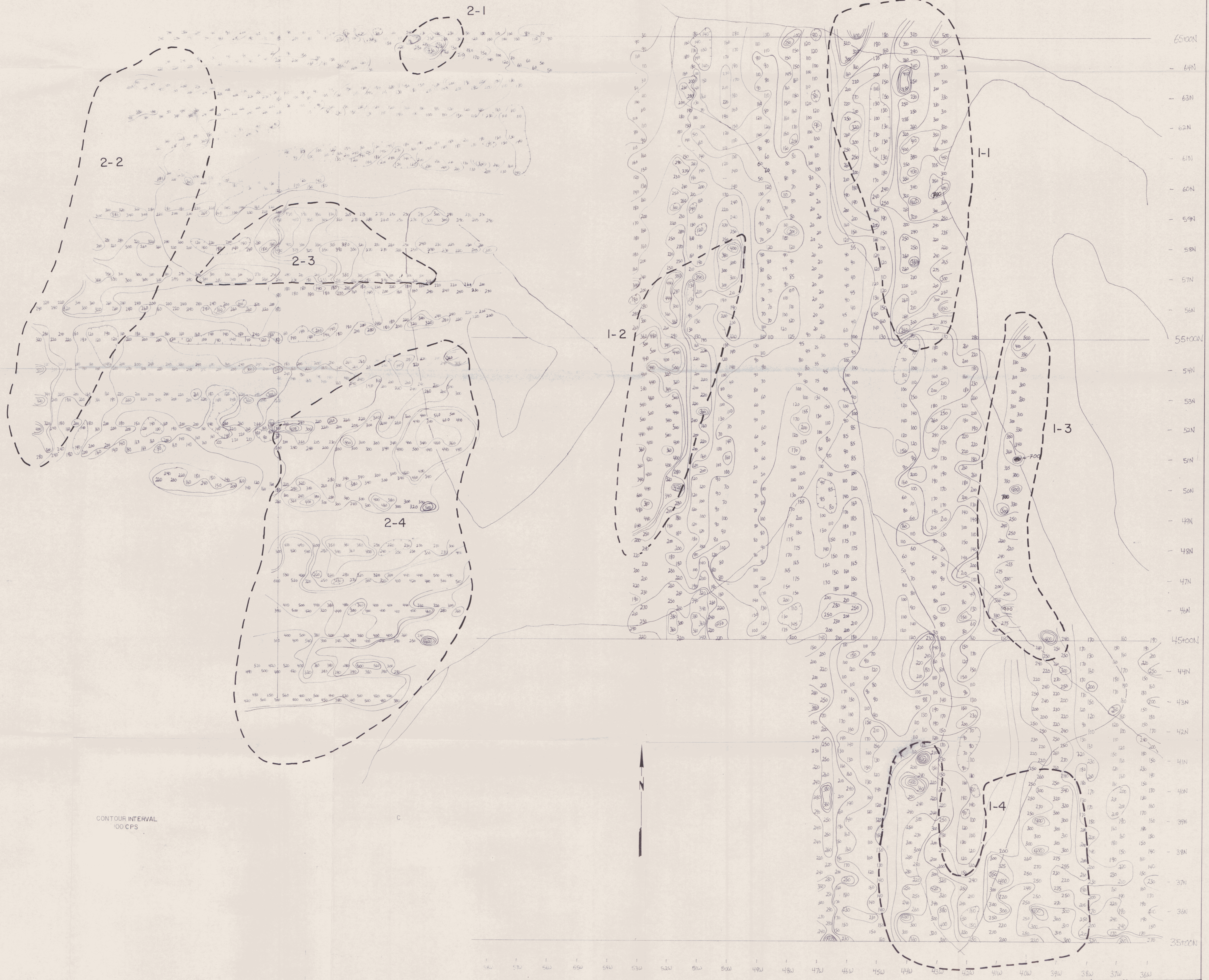


ELDORADO NUCLEAR LIMITED
 PROJECT 528
 MICH CLAIMS
**WATER
 GEOCHEMISTRY**
 SCALE 1:10,000
 0 200 400 600m

Figure 5-3d

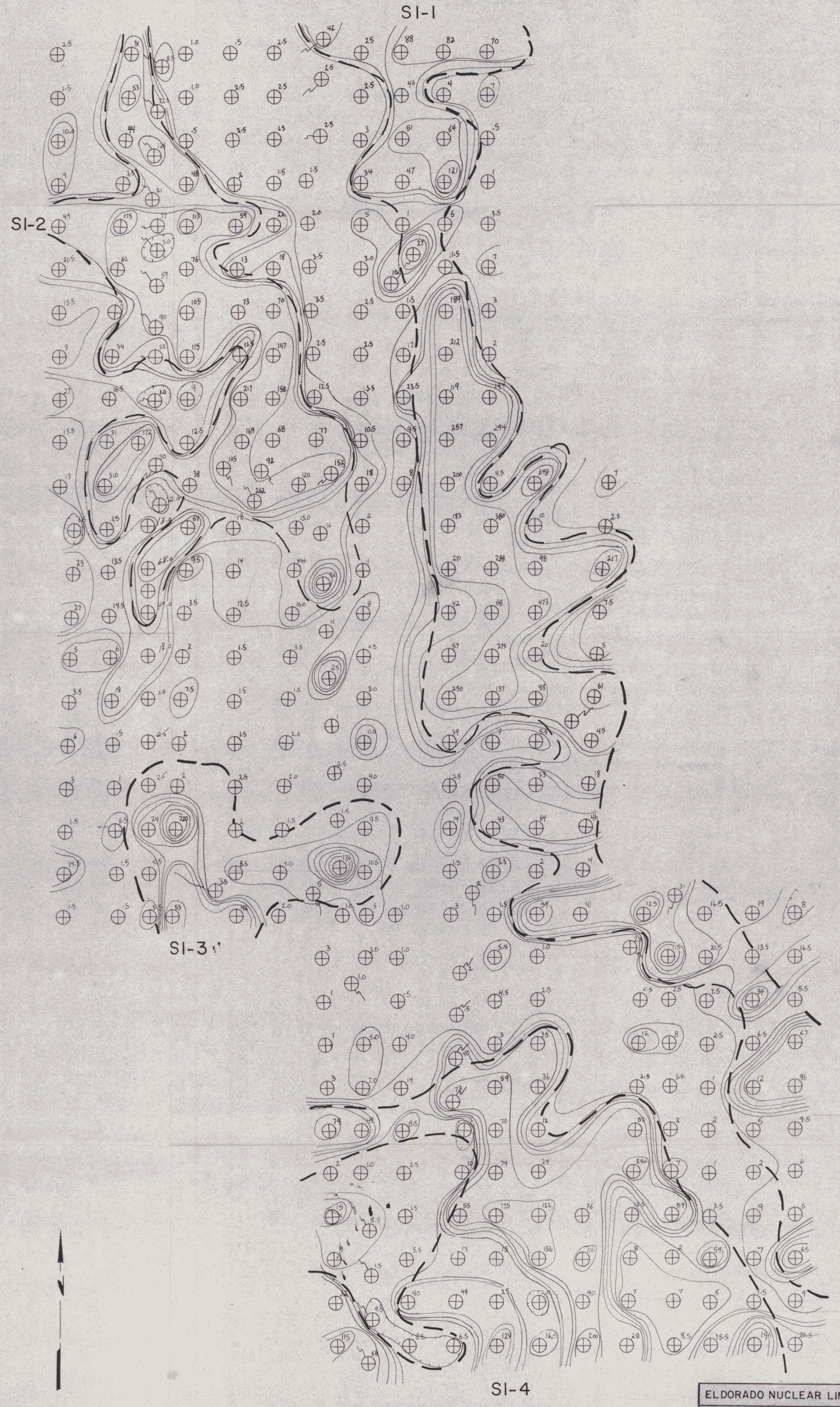
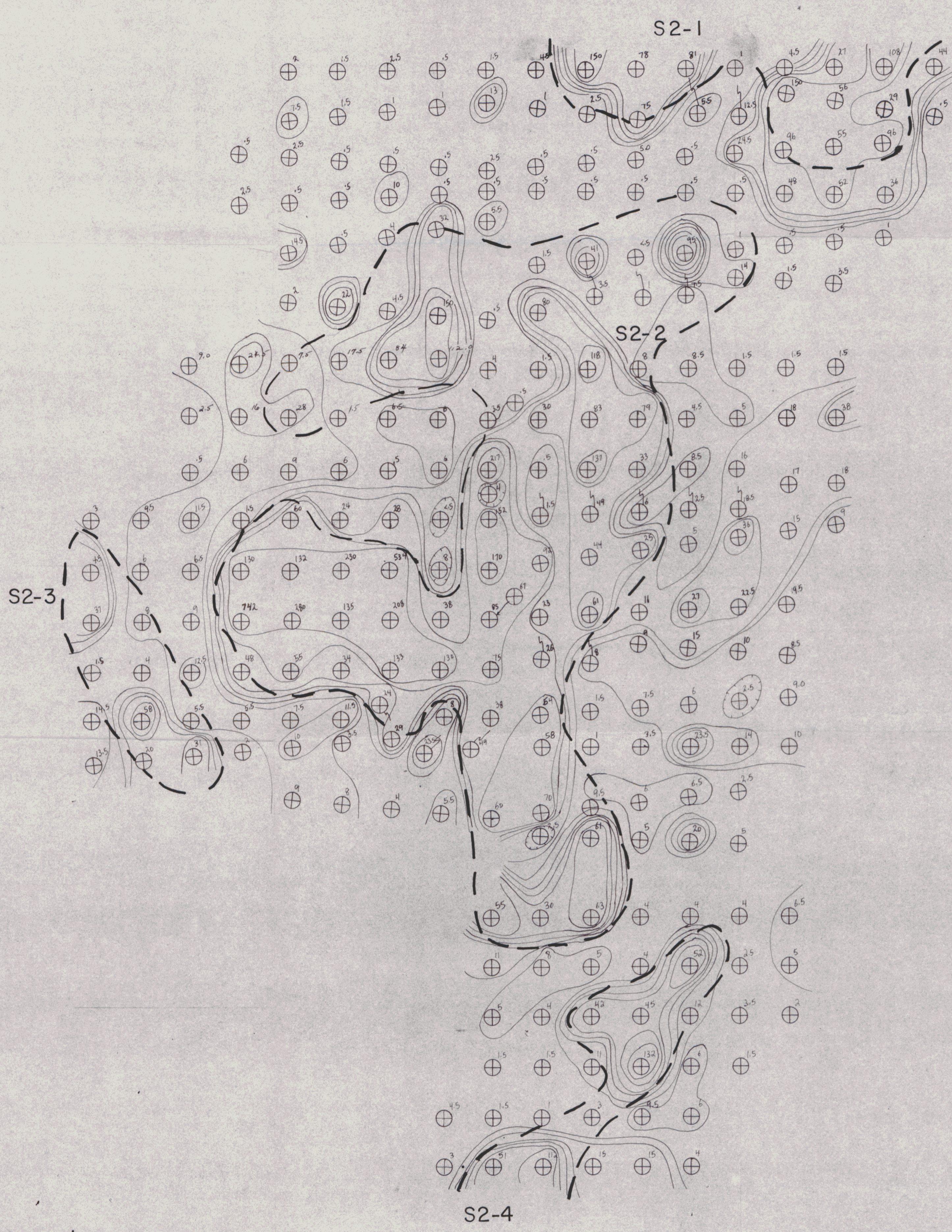


ELDORADO NUCLEAR LIMITED
 PROJECT 52B
 SAMPLE LOCATION
 ■ ROCK
 ● SOL
 MICH GRIDS 1+2



CONTOUR INTERVAL
100 CPS

ELDORADO NUCLEAR LIMITED
PROJECT 528
RADIOMETRICS
SCALE
1:5000
MICH GRIDS 1+2

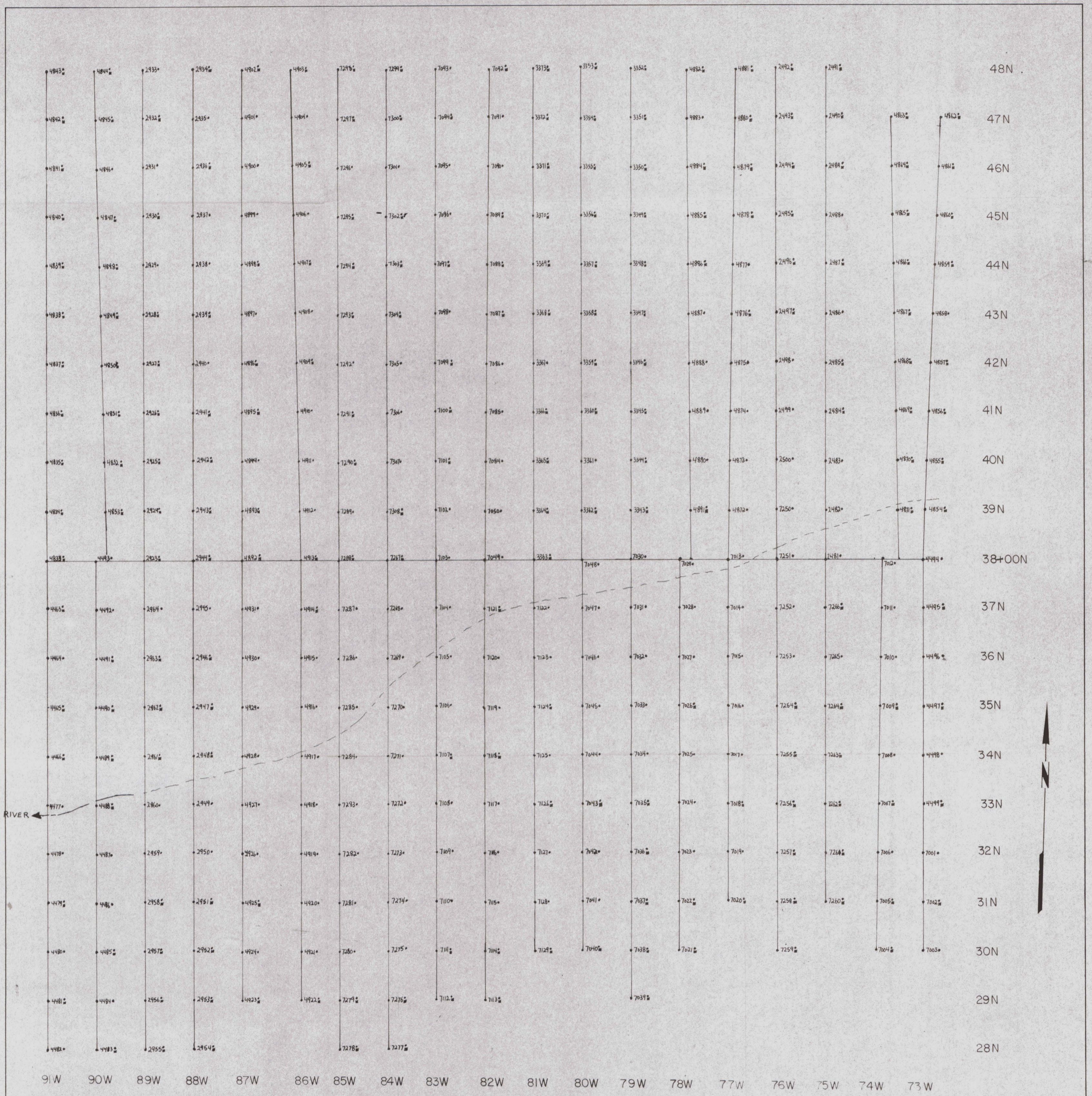


CONTOURS
5 PPM

SAMPLE LOCATION
⊕



ELDORADO NUCLEAR LIMITED
PROJECT 528
SOIL GEOCHEMISTRY
SCALE
1:5000
MICH GRIDS 1+2

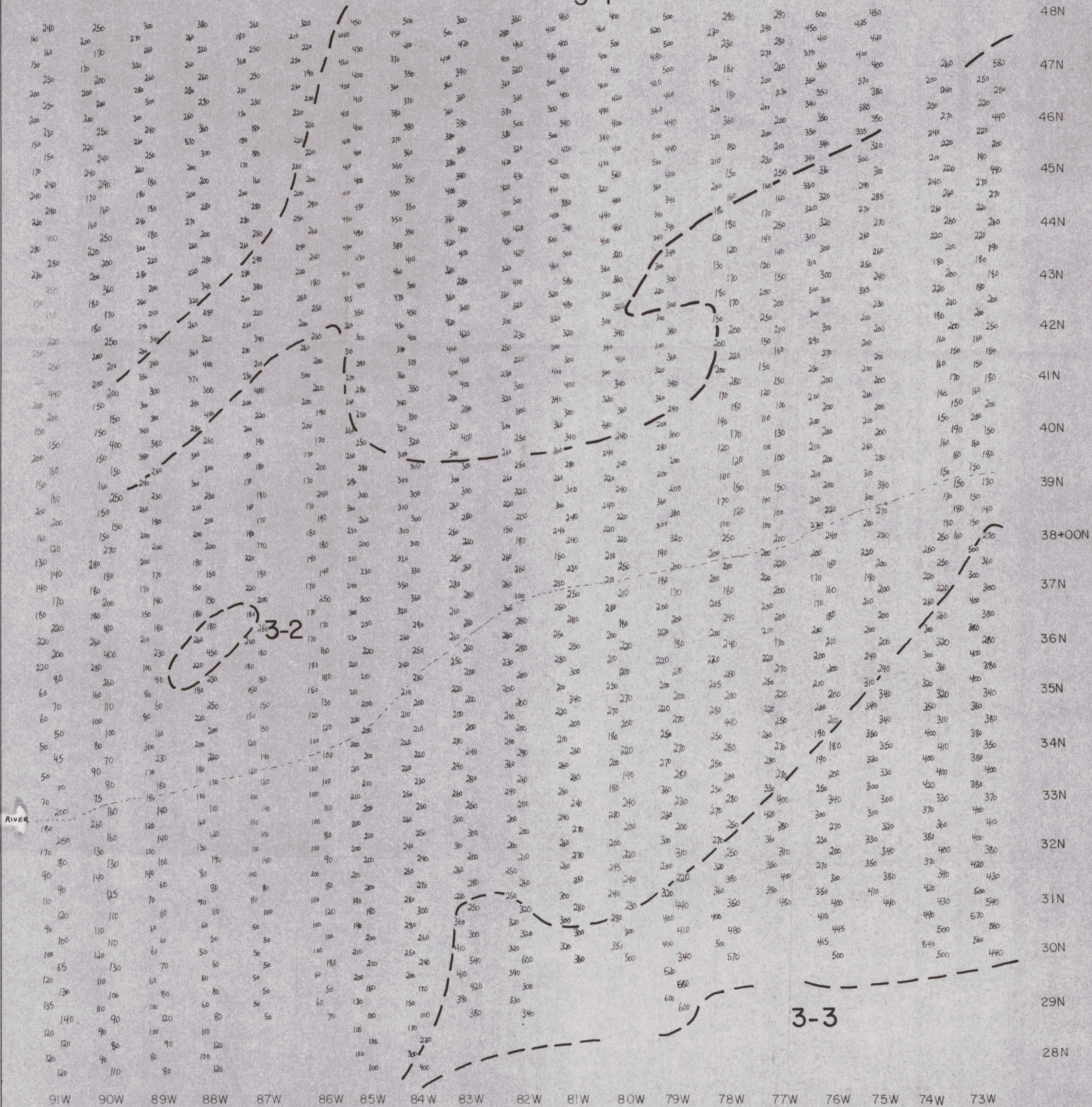


LEGEND
 ● SOIL
 ■ ROCK

ELDORADO NUCLEAR LTD.
 PROJECT 528
 MICH GRID NO. 3

Sample Location
 0 50 100 150
 SCALE 1:5000

3-1



MEASUREMENTS IN TOTAL COUNTS
PER SECOND

ELDORADO NUCLEAR LTD
PROJECT 528
MICH GRID NO. 3

Radiometric
0 50 100 150 metres
SCALE 1:15000

S3-1

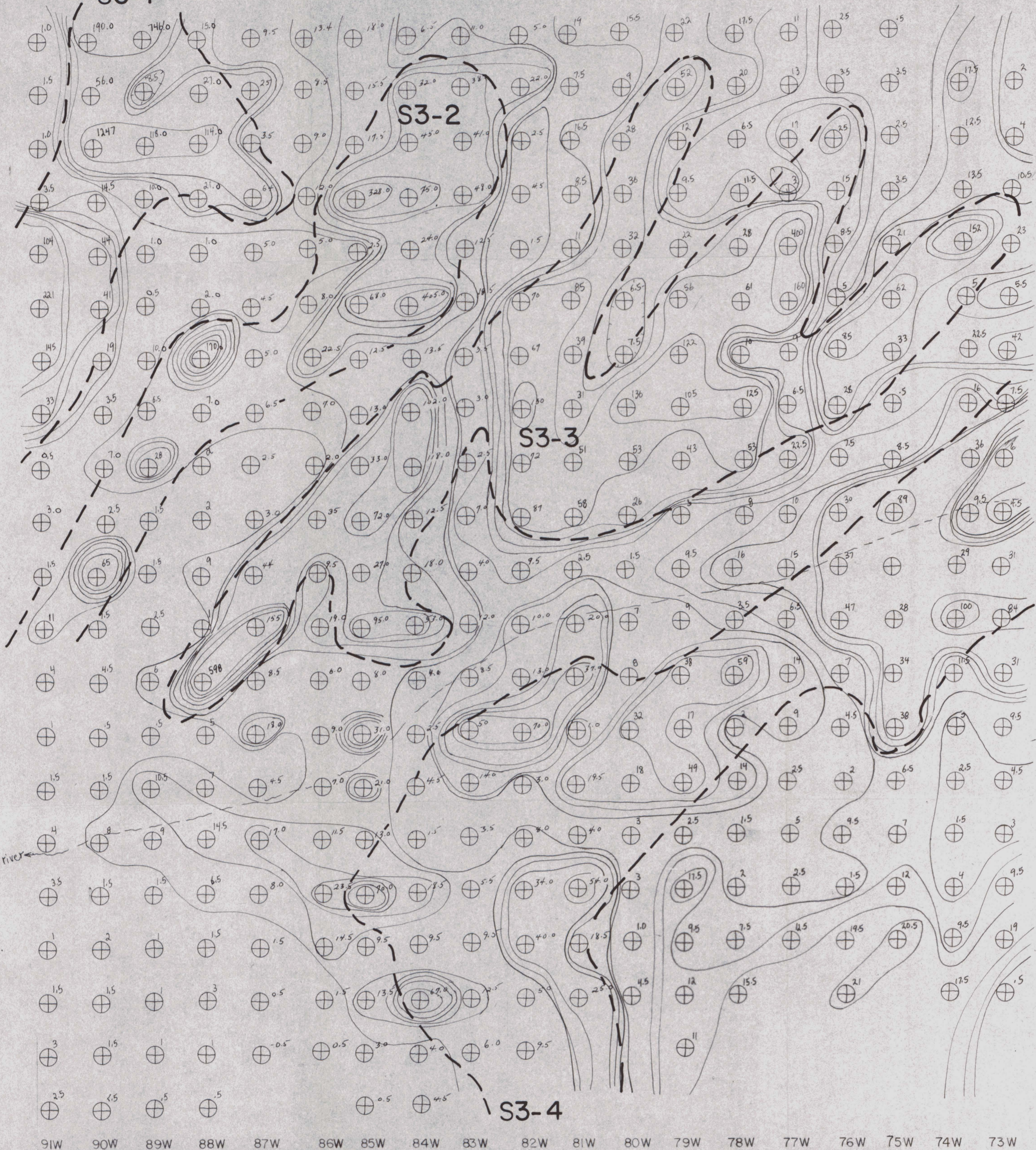
S3-2

S3-3

S3-4

48N
47N
46N
45N
44N
43N
42N
41N
40N
39N
38+00N
37N
36N
35N
34N
33N
32N
31N
30N
29N
28N

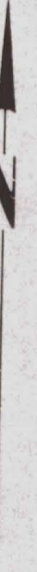
91W 90W 89W 88W 87W 86W 85W 84W 83W 82W 81W 80W 79W 78W 77W 76W 75W 74W 73W

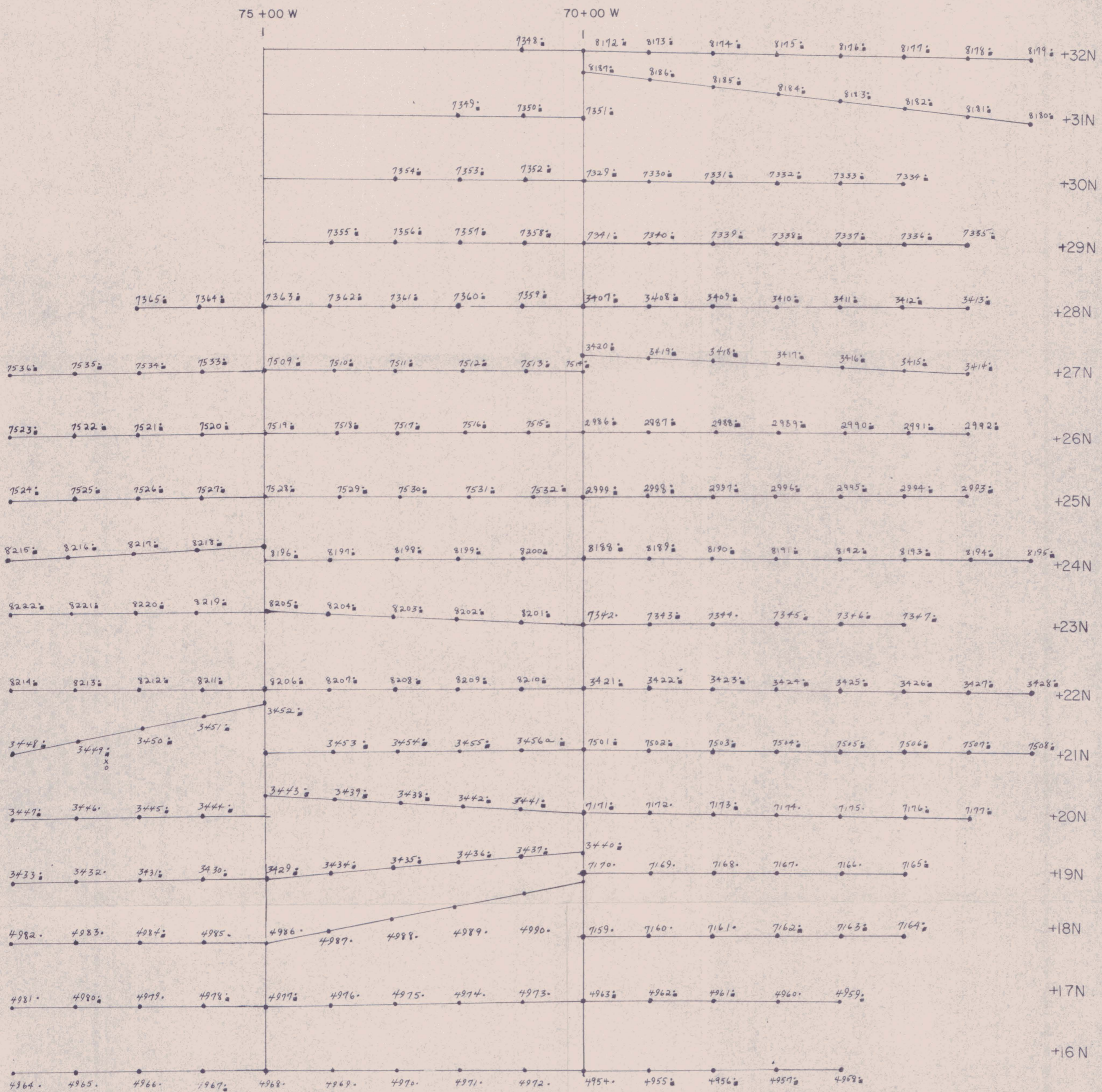


CONTOUR
5 ppm
7.5 PPM

ELDORADO NUCLEAR LTD.
PROJECT 528
MICH GRID NO. 3

Soil Geochemistry
5 0 50 100 150
SCALE 1:5000





LEGEND

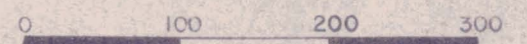
- 1095 SAMPLE SITE WITH NUMBER
- ROCK SAMPLE
- × WATER SAMPLE
- SILT SAMPLE
- SOIL SAMPLE
- ▲ HEAVY MINERAL SAMPLE

ELDORADO NUCLEAR LTD.

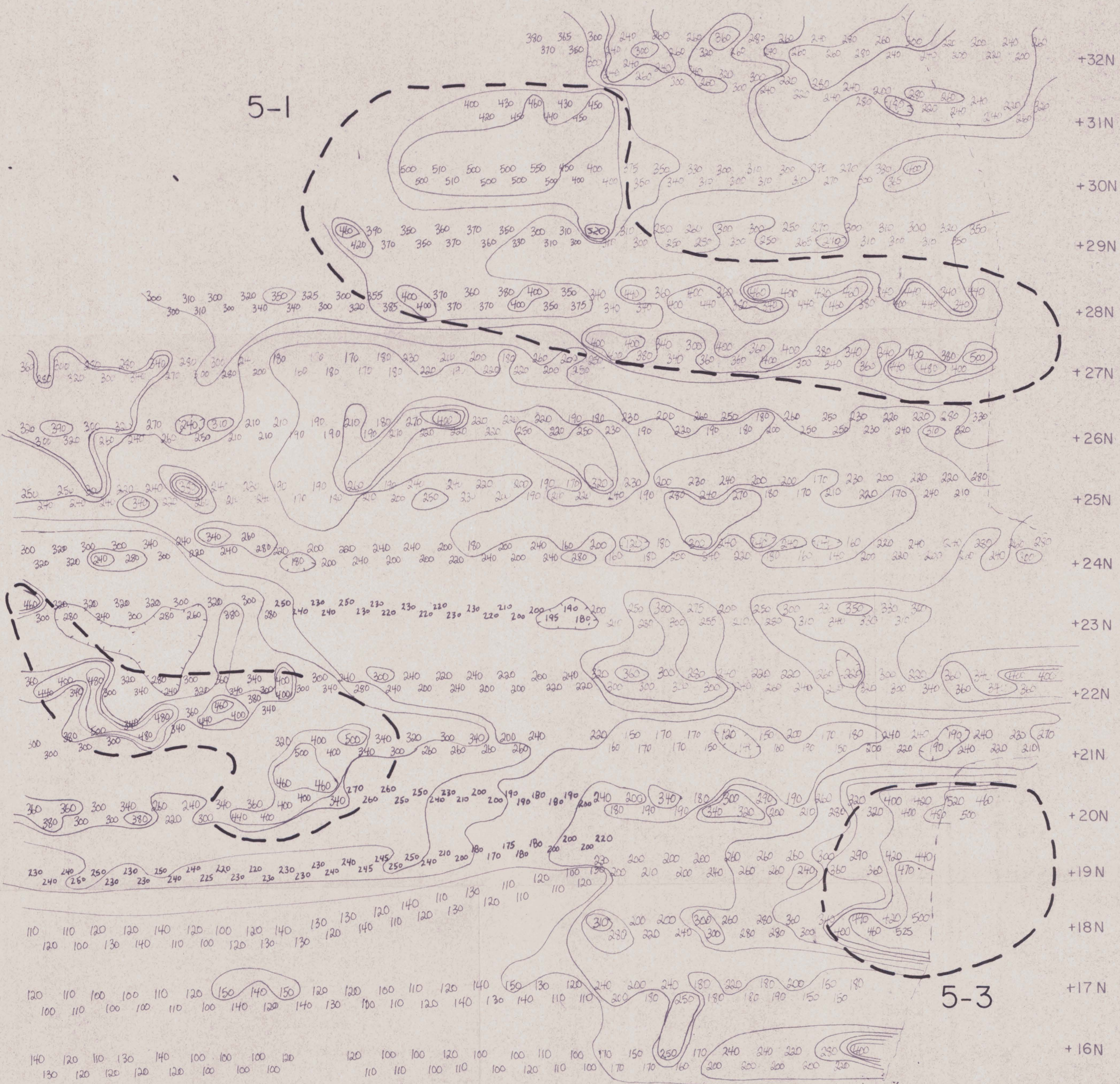
PROJECT 528

MICH GRID NO. 5

Sample Location



SCALE 1:5000



LEGEND

CONTOURS
150 CPS

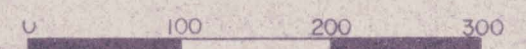


ELDORADO NUCLEAR LTD.

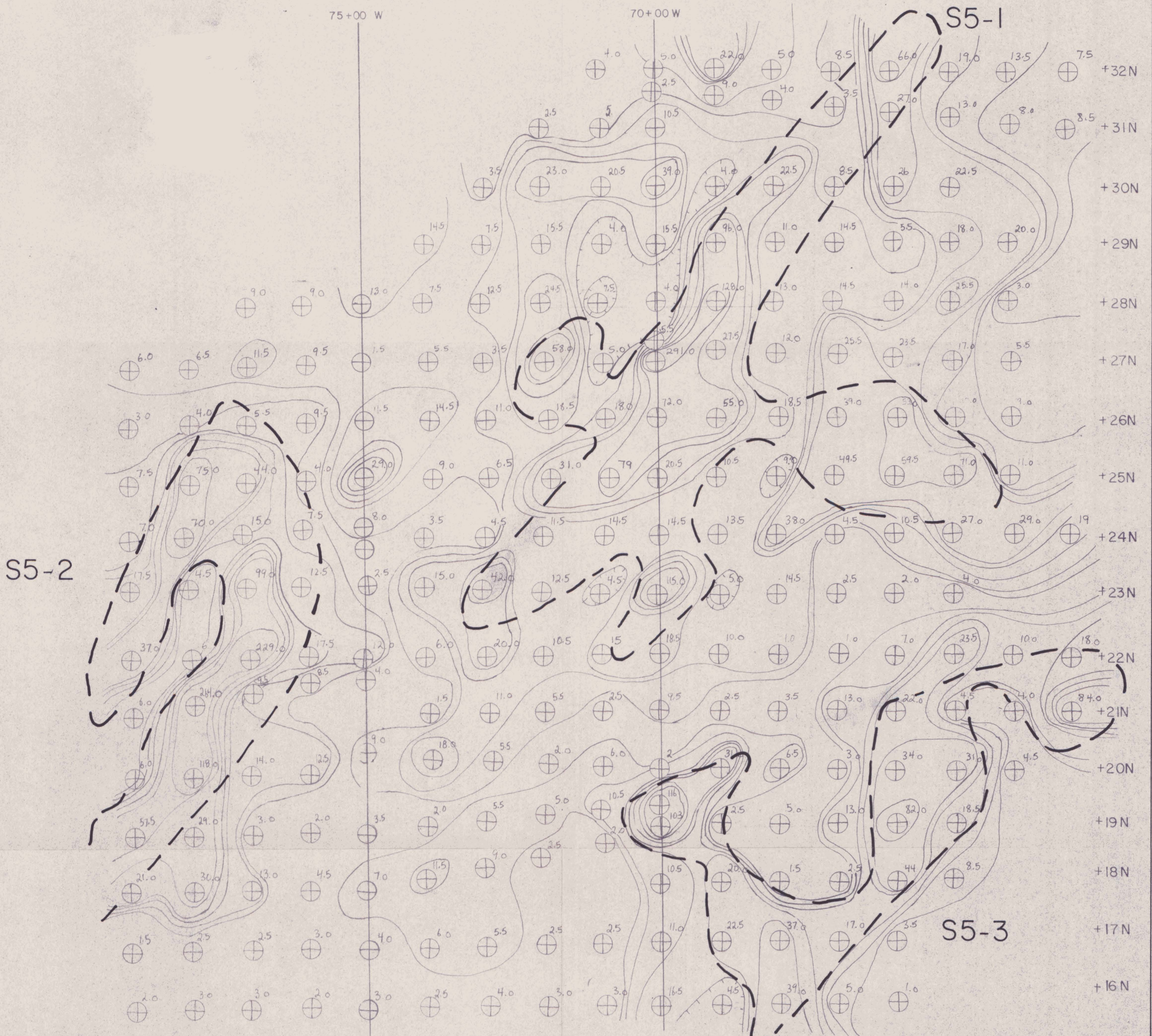
PROJECT 528

MICH GRID NO. 5

Radiometric



SCALE 1:5000



LEGEND

CONTOUR 5 PPM

⊕ 10.5 PPM U.

ELDORADO NUCLEAR LTD.

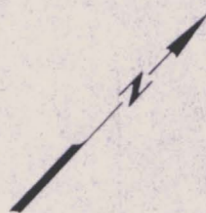
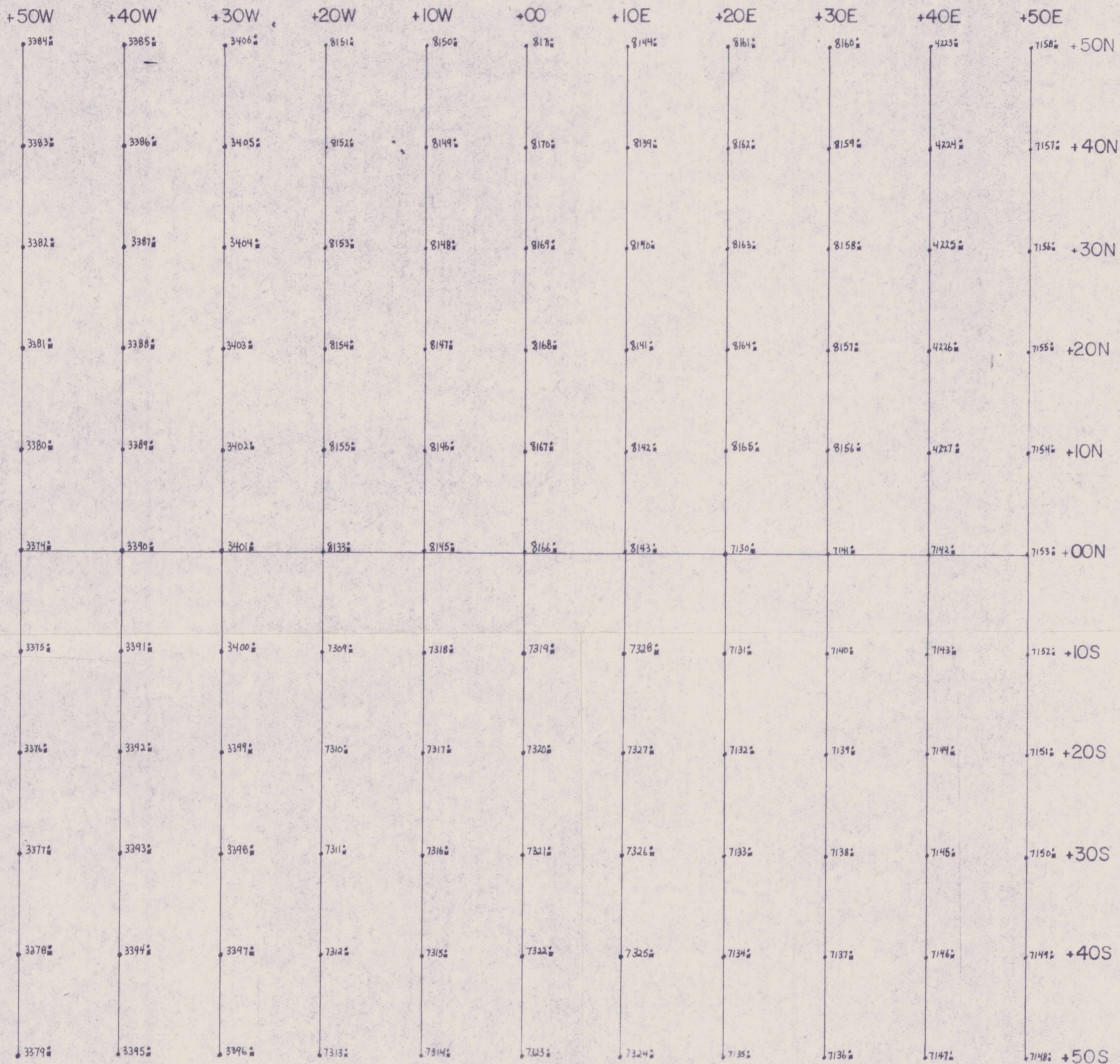
PROJECT 528

MICH GRID NO. 5

Soil Geochemistry

0 100 200 300 m

SCALE 1:5000



LEGEND

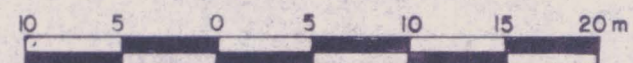
- 1095 SAMPLE SITE WITH NUMBER
- ROCK SAMPLE
- X WATER SAMPLE
- SILT SAMPLE
- SOIL SAMPLE
- ▲ HEAVY MINERAL SAMPLE

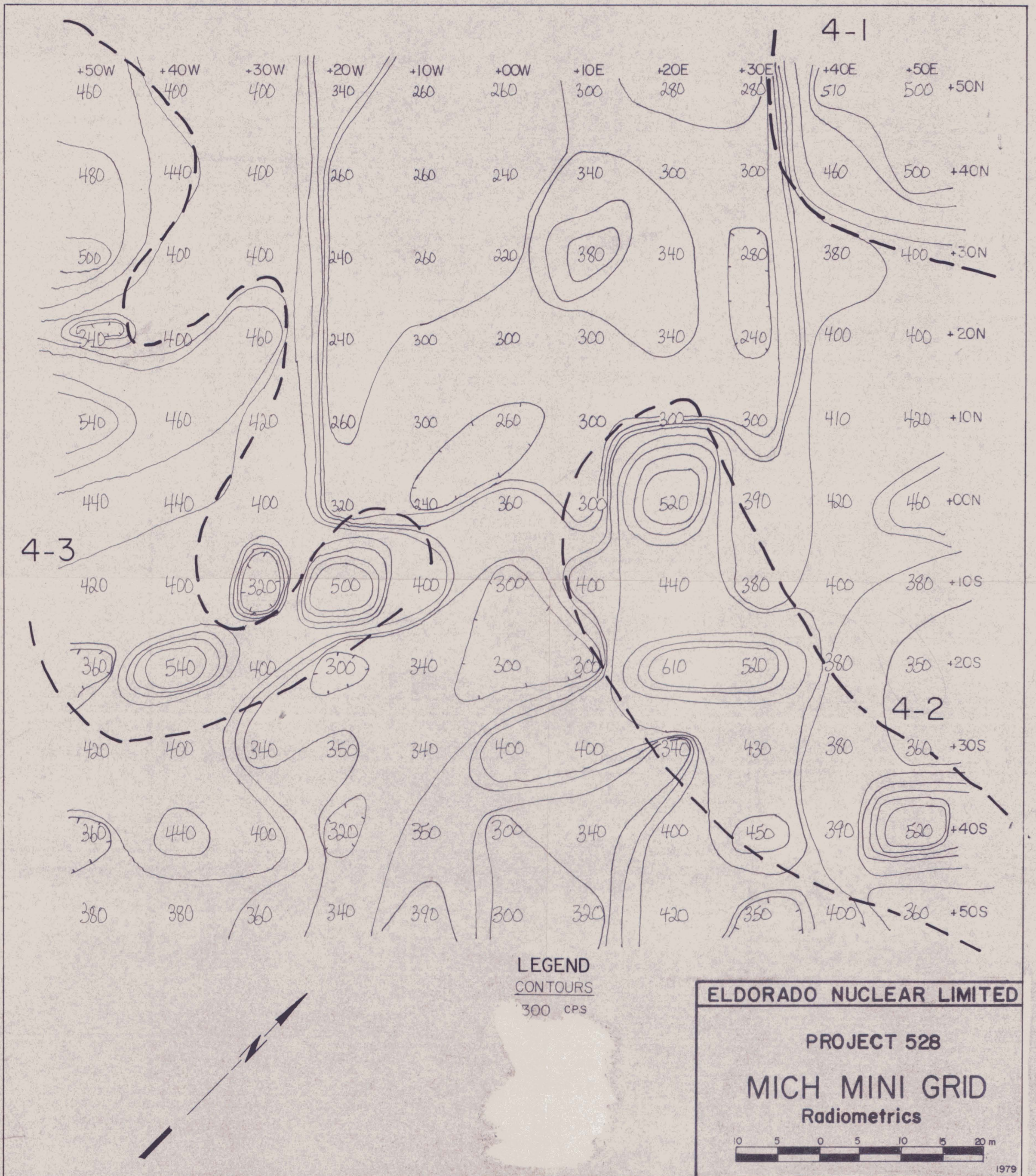
ELDORADO NUCLEAR LIMITED

PROJECT 528

MICH MINI GRID

Sample Location





S4-1



S4-2

ELDORADO NUCLEAR LIMITED

PROJECT 528

MICH MINI GRID

Soil Geochemistry

10 5 0 5 10 15 20m

LEGEND
CONTOURS 5PPM
SAMPLE LOCATION
⊕ 19.5 PPM