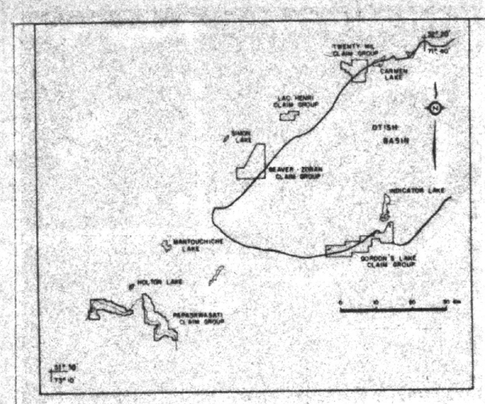






LEGEND

ARCHEAN / PROTEROZOIC UNCONFORMITY

CLAIM BOUNDARIES

GRID LOCATION

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral

DATE: 6 AVR. 1982

No G.M.: GM 38322

Miles 5 0 5

Kilometres 5 0 5

URANERZ EXPLORATION AND MINING LIMITED

PROJECT NO. 71-85, (Bea.-Zor./Otish West)

Gordon's Lake SubProject Area

LOCATION MAP

COMP. Z.M.	DATE: 07/81	REP./RAP. No.	MAP. CARTE No. 532
DRAWN/DESS. Z.M.	DATE: "		REPORT No.
REVISION		SCALE/ECH. 1:250 000	PROJ. No. 71-85
T.C. TO BONN	REF.		FILE DOSS.

Fig. -3-

Outcrop Area - Indicator Fm. : Sandstone, arkose, quartz pebble cong., purple mudstone.

Archean/Proterozoic Unconformity.

Outcrop Area - Granite, Gneissic Granite, Pegmatite : Pink to White.

Outcrop Area - Metavolcanics : Amphibolite, chlorite shist, metagabbro, metarhyolite tuff to metabasalt. tuff.
- Metasediments : Cherty Iron Formation, chert, graphite, sulfides.

Fault.

UEM Claim Boundary - Gordon's Lake SubProject Area: 7185-03.

Grid Locations.

Area Prospected (Average : 1.5 Km²/man-day).

1500 c/s Anomalous Boulder Location (In Situ SPP2-NF Scintillometer counts).

Sandstone.

Conglomerate.

Granite, Granite Gneiss.

Chlorite Alteration.

Limonite Alteration.

Uranium Anomaly (Confirmed with an E.D.A. Differential Spectrometer Model GRS 500).

TICHEGAMI RIVER SOUTH GRID

TEMIS RIVER GRID

GORDON'S GRID

LOCATION MAP (QUEBEC)

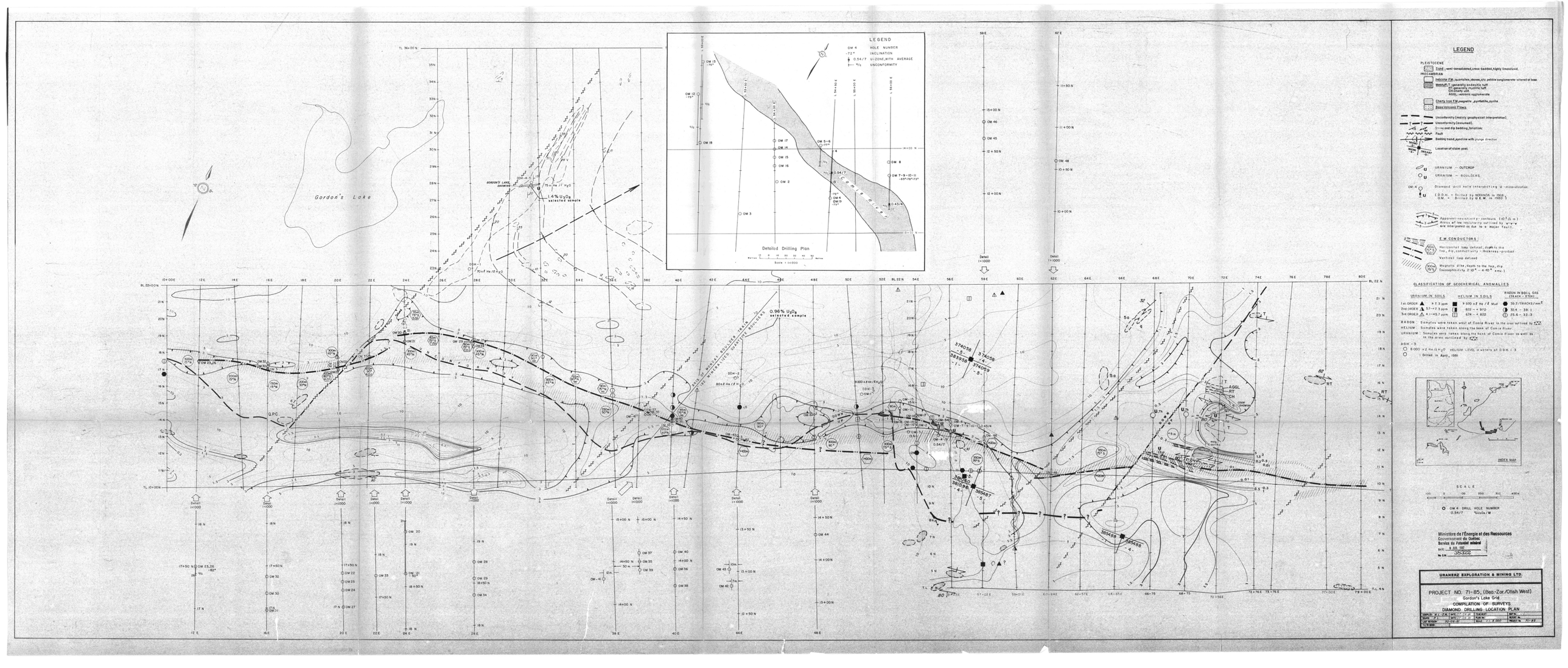
Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral
DATE: 6 AVR. 1982
No G.M. 38322

Scale 1:50,000 Échelle

URANERZ EXPLORATION AND MINING LIMITED

PROJECT NO. 71-85, (Bea-Zor./Otish West)
Gordon's Lake SubProject Area 7185-03
SCINTILLOMETER SURVEY RESULTS

COMP. ZM	DATE 07/1981	REP. RAP. No.	MAP/CARTE No. 536
DRAWN DESS. BouY	DATE "		
REVISION		SCALE/ECH. 1:50000	PROJ. No. 71-85
T.C. TO BONN	N.T.S. REF.		FILE DOSS. No.


LEGEND
PLEISTOCENE
Till: semi-consolidated, cross-bedded, tightly limonitized.
PRECAMBRIAN
Indicator Fm: quartzites, sheares, etc. pebble conglomerate - altered at base.
Monolith Fm: generally andesitic tuff
Mt - generally rhyolitic tuff
Ch-bluish tuff.
AGGL - volcanic conglomerate
Cherty Iron Fm: magnetite - pyrrhotite, pyrite.
Basic Volcanic Flows.
Unconformity (mainly geophysical interpretation).
Unconformity (assumed).
Strike and dip bedding, foliation.
Fault
Bedding trend, syncline with plunge direction
Location of claim post.
URANIUM — OUTCROP
URANIUM — BOULDERS
Diamond drill hole intersecting U-mineralization
(DDH. = Drilled by NORANDA in 1968
O.M. = Drilled by U.E.M. in 1980)
Apparent-resistivity contours (10³ Ω m)
Area of low resistivity outlined by
are interpreted as due to a major fault.
E.M. CONDUCTORS:
Horizontal loop (strike), depth to the top, Fx conductivity - thickness product
Vertical loop (strike)
Magnetic dike, depth to the top, dip
Susceptibility 2 (10⁻⁶ - 10⁻⁷ emu)
CLASSIFICATION OF GEOCHEMICAL ANOMALIES
URANIUM IN SOILS
1st ORDER ▲ > 7.5 ppm
2nd ORDER △ 5.7 – 7.5 ppm
3rd ORDER △ 4.1 – 5.7 ppm
HELIUM IN SOILS
■ > 970 ηℓ He / ℓ Mud
■ 802 – 970
□ 674 – 802
RADON IN SOIL GAS (TRACK – ETCH)
● 39.3 TRACKS / mm²
◑ 32.4 – 39.1
◐ 25.6 – 32.3
RADON: Samples were taken west of Comie River in the area outlined by
HELIUM: Samples were taken along the bank of Comie River.
URANIUM: Samples were taken along the bank of Comie River as well as in the area outlined by
DDH – 3
8 000 ηℓ He / ℓ H₂O HELIUM Level in waters of DDH – 3
Drilled in April, 1981
INDEX MAP
SCALE
OM 4 DRILL HOLE NUMBER
0.54/7 %U₃O₈ / M
Ministère de l'Energie et des Ressources
Gouvernement du Québec
Service de l'énergie minérale
DATE: 8 JUIL 1982
No G.M.: GM-37202
URANERZ EXPLORATION & MINING LTD.
PROJECT NO. 71-85, (Bea-Zor./Otish West)
Gordon's Lake Grid
COMPILATION OF SURVEYS
DIAMOND DRILLING LOCATION PLAN
COMPILED BY: J.F.R. | DATE: OCT. 81 | DRAWN BY: | DATE:
CHECKED BY: | DATE: | APPROVED BY: | DATE:
SCALE: 1" = 200' | DATE: OCT. 81 | DRAWING No.: 71-85
Gordon's Lake
Detailed Drilling Plan
Scale 1 : 1000
1.4% U₃O₈ selected sample
0.96% U₃O₈ selected sample
BASIN OF NORAD BOULDER TRAIN
BASIN OF MARKER LIMIT OF BOULDERS
Detail 1:1000

72°10'
72°00'
71°50'
51°50'
51°45'

CANTON 2034

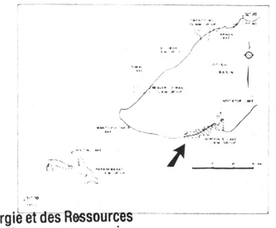
CANTON 2035

OM-19
OM-17
OM-14
OM-15
OM-16
OM-13
OM-18
OM-36
OM-37
OM-35
OM-39
OM-28
OM-29
OM-34

OM-23
OM-24
OM-32
OM-30
OM-31
OM-22
OM-25
OM-26
OM-27
OM-33
OM-20
OM-21

LEGEND

- GRID BOUNDARY
- CLAIM BLOCK BOUNDARY
- HOLES OM 13 to 39



Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral

DATE: 8 AVR 1982
No G.M. 38322

Scale 1:50,000 Échelle

Miles 0 1 2 3 Miles
Metres 1000 0 1000 2000 3000 4000 Metres
Yards 1000 0 1000 2000 3000 4000 Yards

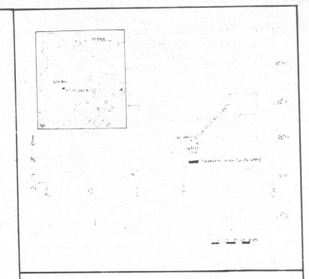
URANERZ EXPLORATION AND MINING LIMITED

PROJECT NO. 71-85, Bea.-Zor./Otish West.

Gordon's Lake West Claim Block
CLAIM BOUNDARY & GRID LOCATION
AND D.D.H. LOCATION MAP

COMP. Z.M.	DATE 06/81	REF. MAP No.	MAP CARTE No. 566
DRAWN DESS. A.F.	DATE		
REVISION 07/81		SCALE ECH. 1:50000	PROJ. No. 71-85
T.C. TO RUNN	N.T.S. REF.		FILE DOSS. No.





LEGEND

• 37145,607 Track Etch Cup No, Soil Sample No.

Claim Post.

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral
DATE: 6 AVR. 1982
No G.M.: 38322

m. 100 0 100 200 300 400 500 mètres

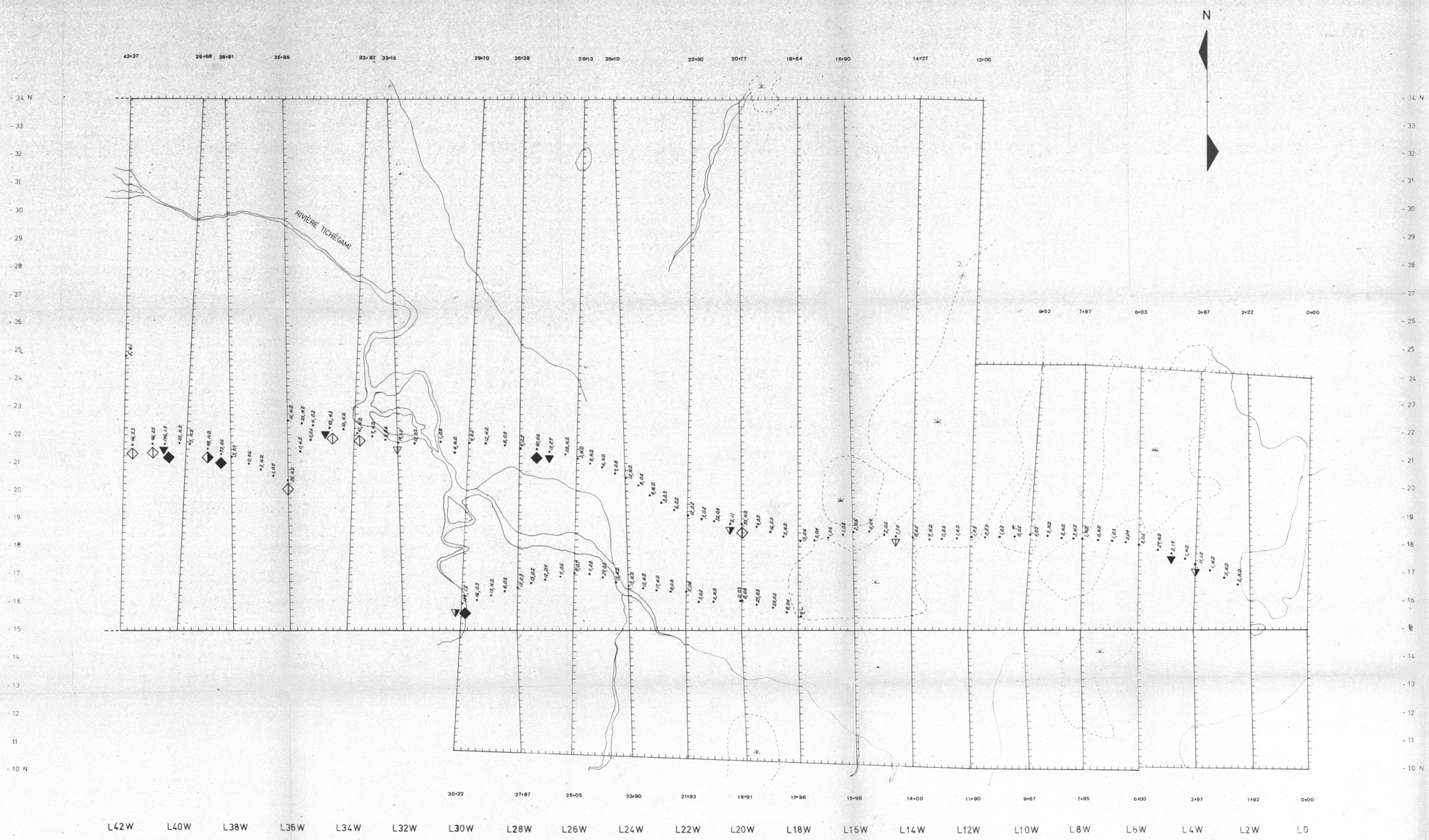
URANERZ EXPLORATION AND MINING LIMITED

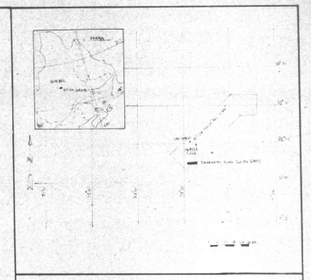
Copie

PROJECT NO. 71-85, Bea. Zor./Otish West.
South Tichegami River Area (L-0 to L-42W)

GEOCHEMICAL SAMPLE LOCATION

CHKD G.L.	DATE 10/1981	REF. MAP NO.	MAP DATE NO.
DRAWN DES Y.B.	DATE 01/1982	SCALE 1:5000	PROJ. No. 71-85
REVISION			FILE DOSS No. 655
P.C. DESIGN	N.T.S. REF.		





LEGEND

• 14.6/8.5 Track Etch Cup Result / Soil Sample Result

Geochemical Anomaly Designation

RADON IN SOILS (Track Etch Method)		ANOMALY RATING		URANIUM IN SOILS	
◆	> 59 Tr/mm²	1st	▼	> 1.3	ppm
◈	47 - 58 "	2nd	▽	1.1 - 1.3	"
◇	35 - 46 "	3rd	▽	0.8 - 1.1	"

237	Number of Samples	239
10	Mean of Background Population	0.35
12.3	Standard Deviation of Background Population	0.25

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral
DATE: 8 AVR. 1982
No G.M. 38322

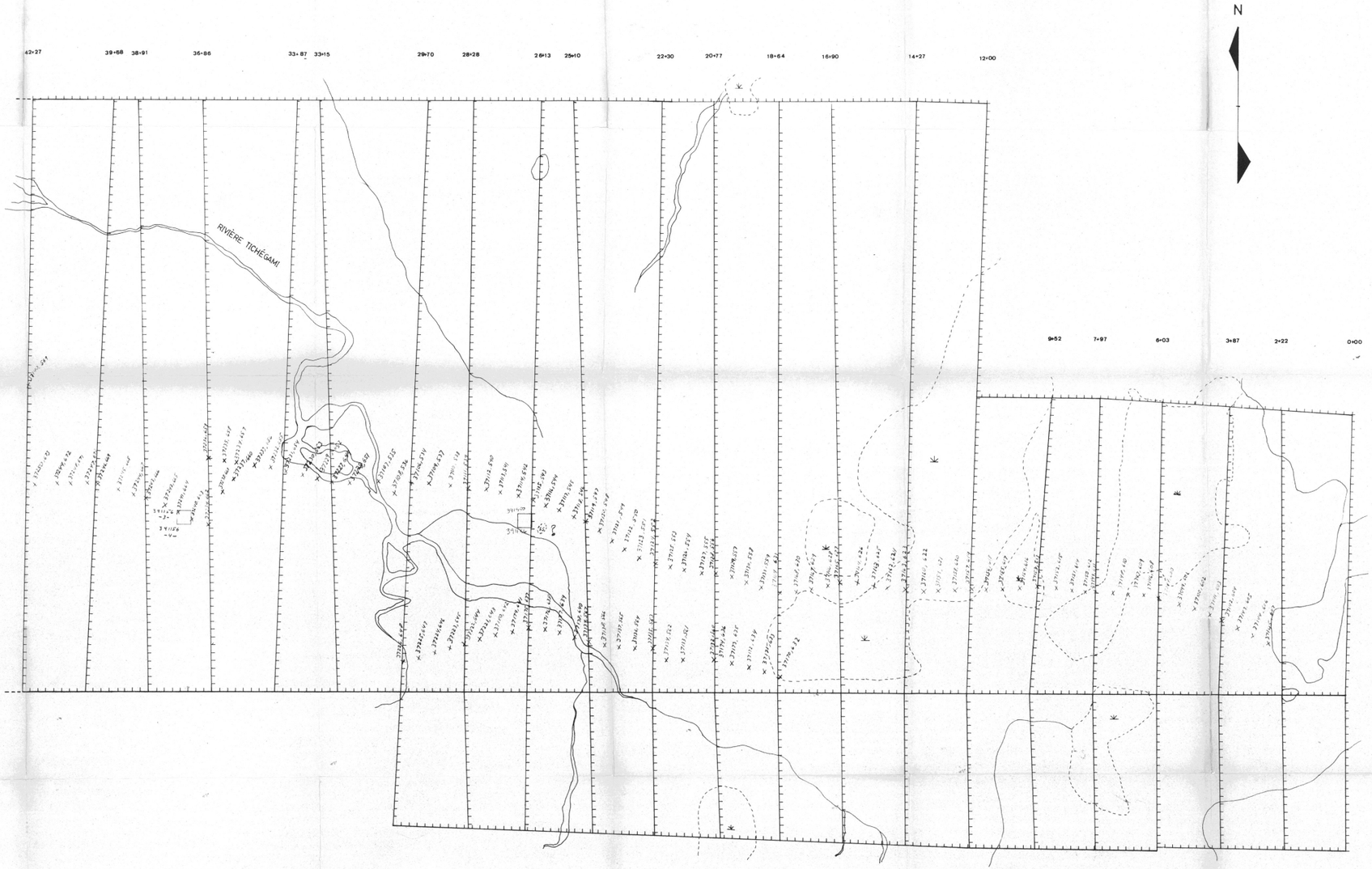
m. 100 0 100 200 300 400 500 metres

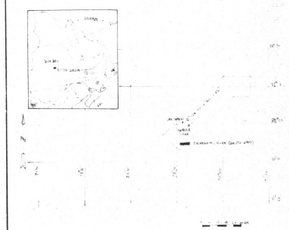
URANERZ EXPLORATION AND MINING LIMITED

PROJECT NO. 71-85, Bea. Zor./Otish West.
South Tichegami River Area (L-0 to L-42W)

GEOCHEMICAL SURVEY RESULTS

COMP. G.L.	DATE 10/1981	REP. RAP. No.	MAP CARTON
DRAWN DESS. Y.B.	DATE 01/1982		
REVISION		SCALE ECH. 1:5000	PROJ. No. 71-85
T.C. TO BONN	N.T.S. REF. 32 [illegible]		FILE DESS. No. 657





N

REGION

DE LA RIVIÈRE TICHÉGAMI

L0 à L42W

GRILLE SUD

LEGEND

- INDICATOR FM. OUTCROP
- gpc. quartz, pebble conglomerate.
- subark. subarkose.
- ark. arkose.
- ss. sandstone.
- METAVOLCANIC – massive to flow banded
- METAVOLCANIC – fragmental.
- chl./serp. chlorite, pyrrhotite.
- mt./py. magnetite, pyrite.
- AIR PHOTO LINEAMENT
- BEDDING (strike, dip)
- FOLIATION (vertical, inclined)
- JOINTS, FRACTURES (vertical, inclined)
- Boulder, Ag-Co-Ni assay
- Boulder, high-Cu assay
- Th Thorium Source
- U Uranium Source
- CLAIM POST
- GEOCHEMICAL SURVEY
- Sample site, Sample number (Lithium, Soil)
- Sample site, Sample number (Trace Elm, Soil)

FOR SPECTROMETER FIELD CHECK

100 50 0 100 200 300 400 500ft

ÉCHELLE 1:5000

DATE: AVRIL 81

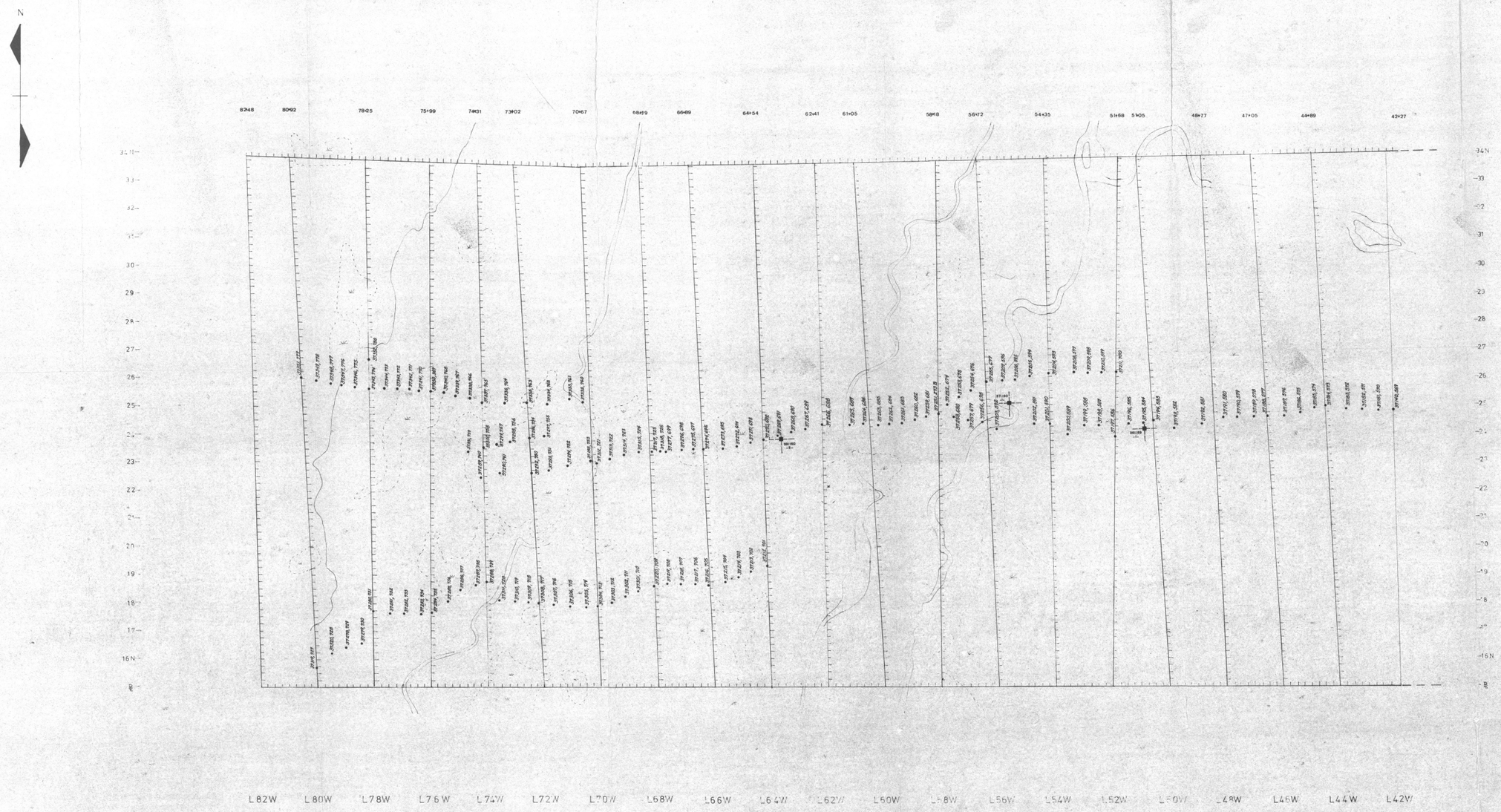
RÉF.: NTS 32 P/16

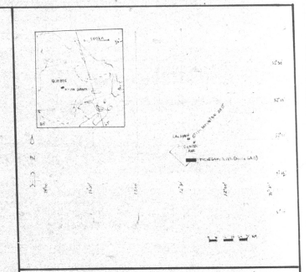
Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral
8 JUIN 1982
DATE:
No G.M. 35322

URANERZ EXPLORATION AND MINING LIMITED

PROJECT NO. 71-85, Bea, Zor./Otish West.
South Tichegami River Area (L-0 to L-42W)
GEOLOGY & GEOCHEMISTRY

COMP. E.W.	DATE 07/81	REF./MAP No.	MAP, CARTE No. 32
DRAWN-DESS. "	DATE "		
REVISION		SCALE-ECH. 1:5000	PROJ No. 71-85
T.C. TO BURN		NTS REF. 32 P/16	FILE DOSS No.





LEGEND

• 37140, 569	Track Etch Cup No, Soil Sample No.
	Claim Post.

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral

DATE 8 AVR 1982

No G.M. 38322

m. 100 0 100 200 300 400 500 metres

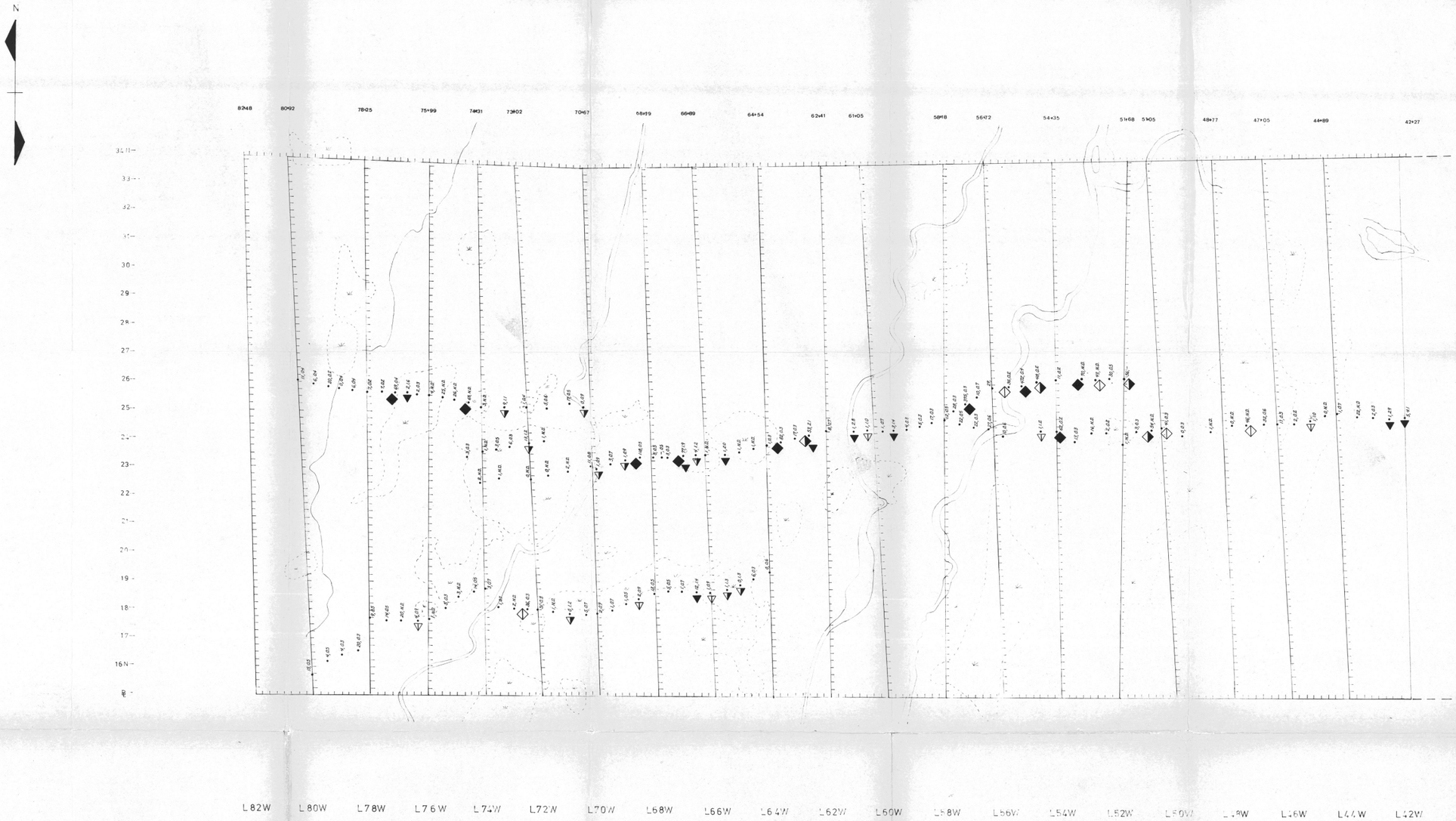
URANERZ EXPLORATION AND MINING LIMITED

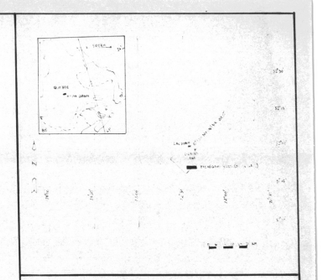
PROJECT NO. 71-85, Bea. Zor./Otish West.

South Tichegami River Area (L-42W to L-82W)

GEOCHEMICAL SAMPLE LOCATION

DRAWN BY G.L.	DATE 10/1981	REF. MAP NO.	MAP DATE
CHECKED BY T.B.	DATE 01/1982	SCALE 1:5000	PROJ. No. 71-85
REVISION			FILE DWG. No. 656





Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral
DATE: 8 AVR. 1982
No G.M.: 38322

LEGEND

• 14.6/0.5 Track Etch Cup Result / Soil Sample Result

Geochemical Anomaly Designation

RADON IN SOILS (Track Etch Method)		ANOMALY RATING	URANIUM IN SOILS	
◆	> 59 Tr/mm²	1st	▼	> 1.3 ppm
◈	47 - 58 "	2nd	▽	1.1 - 1.3 "
◇	35 - 46 "	3rd	▽	0.8 - 1.1 "

237 — Number of Samples — 239
10 — Mean of Background Population — 0.35
12.3 — Standard Deviation of Background Population — 0.25

m. 100 0 100 200 300 400 500 metres

URANERZ EXPLORATION AND MINING LIMITED

PROJECT NO. 71-85, Bea. Zor./Otish West.
South Tichegami River Area (L-42W to L-82W)
GEOCHEMICAL SURVEY RESULTS

COMP. G.L.	DATE 10/1981	REP. REF. No.	MAP CARD No.
DRAWN DESS. Y.B.	DATE 01/1982		
REVISION		SCALE 1:5000	PROJ. No. 71-85
T.C. TO RUNN	N.T.S. REF.		FILE DOCS. No. 658

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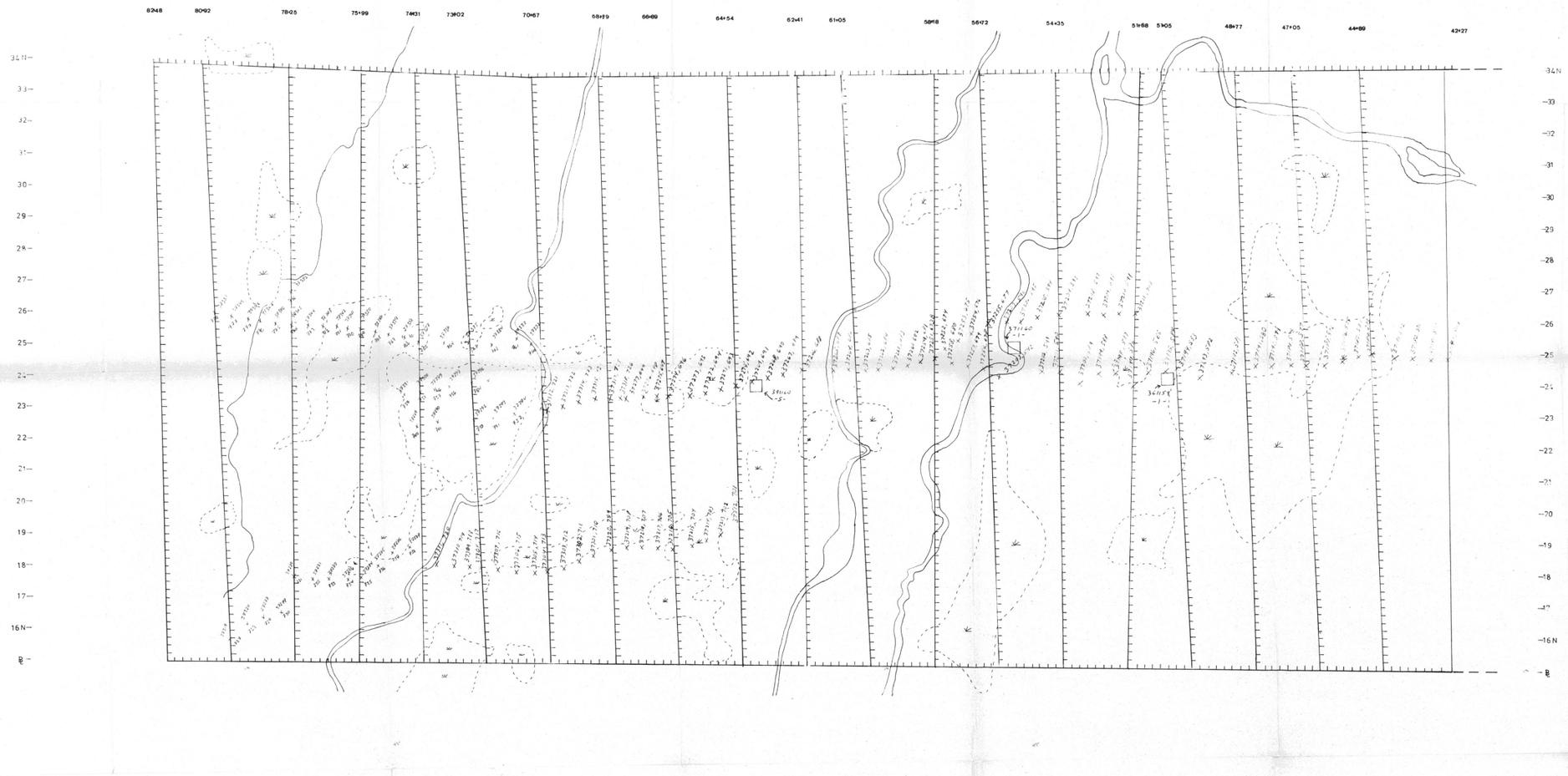
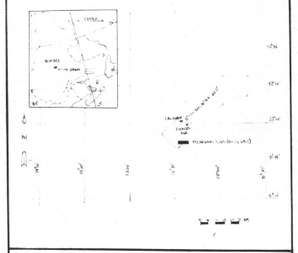




REGION

DE LA RIVIÈRE TICHÉGAMI

L42W à L82W

GRILLE SUD

LEGEND

INDICATOR FM OUTCROP

gpc. granite, pebble conglomerate.

subark. subarkose.

ark. arkose.

st. sandstone.

METAVOLCANIC – massive to flow banded

METAVOLCANIC – tuffaceous.

chl, pyrrh. chlorite, pyrrhotite.

mt, py magnetite, pyrite.

AIR PHOTO LINEAMENT

BEDDING (strike, dip)

FOLIATION (vertical, inclined)

JOINTS, FRACTURES (vertical, inclined)

Assumptive boulder, high counts along fracture (in situ, gives rise to)

Anomalous boulder, high counts occ. with outline boulder.

Th Thorium Source } EDA SPECTROMETER FIELD CHECK

U Uranium Source }

OLAM POST

GEOCHEMICAL SURVEY

x 418 Sample site, Sample number (Uranium, Soil)

x 36125, 26 Sample site, Sample number (Trace Elts, Soil)

100 50 0 100 200 300 400 500ft

ÉCHELLE 1:5000

DATE AVRIL 81

REF. DTS 327/16

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral
8 AVR. 1982
DATE:
No G.M. 38322

URANERZ EXPLORATION AND MINING LIMITED

PROJECT NO. 71-85, Bea. Zor./Otish West.
South Tichegami River Area (L-42W to L-82W)
GEOLOGY & GEOCHEMISTRY

COMP. J.M.	DATE 07/81	REF. REF No.	MAP/CARTE No. 539
DRAWN/DESS. "	DATE "	SCALE/ECH. 1:5000	PROJ No. 71-85
REVISION			FILE/DOSS No.
T.C. TO BONN	DTS REF. 327/16		

L38W L36W L34W L32W L30W L28W L26W L24W L22W L20W L18W L16W L14W L12W L10W L8W L6W L4W L2W L0 L2E L4E L6E L8E L10E

38+30 36+25 34+31 32+07 30+32 28+23 26+24 24+24 22+25 20+18 18+03 16+05 14+06 12+18 10+25 8+03 6+15 3+86 2+21 0+00 2+18 4+15 6+09 8+00 10+00

28N 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12N 11 10 9 8 7 6 5 4 3 2N

M

K

200 m

100 m

200 m

400 N

220 m

500 m

500 m

75 m

80 m

40m N

20m

20m

U/C

U/C

U/C

U/C

U/C

32°

10m

45m

40m

D.D.H.

17+62 15+34 13+15 11+15 9+48 7+90 5+52 4+28 1+31 0+00 2+32 4+13 5+96 8+69 10+50

37+00 35+58 33+27 32+12 29+30 27+43 25+59 25+31 21+33 20+75

N

GEOCHEMICAL SAMPLE LOCATIONS

L.150W L.138W L.126W L.114W L.102W L.90W L.78W

U, Rn U, Rn, He

TEMIS GRID (71-85)

LEGEND

- Vertical Loop E.M. Conductor Axis.
- Horizontal Loop E.M. Conductor Axis.
- VLF Conductor Axis (In Phase & Quadrature).
- VLF Conductor Axis (Defined by Quadrature only).
- 300m 75% — Interpreted Depth to Top and Dip Angle of E.M. Conductor (Thin Dyke Model).
- HIGH / LOW — Area of Low Resistivity
- Magnetic Anomaly Trend.
- Magnetic Anomaly, Wide Zone.
- 100m 75% — Interpreted Depth to Top and Dip Angle of Magnetic Body (Thin Prism Model).
- Air Photo Lineament.
- Interpreted Fault.
- Zone of High Chargeability

LEGEND

Geochemical Anomaly Designation

ANOMALY RATING	HELIUM IN SOILS	RADON IN SOILS (TRACK ETCH METHOD)	URANIUM IN SOILS
1st	■ > 573 $\frac{pl.Sq}{min}$	◆ > 59 Tr/cm³	▼ > 0.9 ppm
2nd	◨ 468 - 573 "	◈ 48 - 59 "	▽ 0.8 - 0.9 "
3rd	◫ 363 - 467 "	◇ 38 - 47 "	▽ 0.6 - 0.7 "
4th	□ < 363 "		

Number of Samples	224	371	595
Mean of Background Population	153	178	0.2
Standard Deviation of Background Population	105	103	0.18

LEGEND

INDICATOR FORMATION

- Sandstone - Massive to bedded, white to light green, medium to coarse grained arkose - quartzite.
- Quartz Pebble Conglomerate, Often light green with sericitic matrix.

UNCONFORMITY

- Metagabbro, Amphibolite, Massive or Flow-Banded Metabasalt.
- Meta Andesite (Massive - Flow Banded).
- Basaltic Tuff, Chloritic Schist (Minor Rhyolite Lenses).
- Andesitic Tuff, Dacitic Tuff.
- Foliation - inclined, vertical, unknown.
- Fold Axis - angle & direction of plunge.
- Bedding - with dip angle.
- Pillow Structures (Tops Facing South).
- Unconformity.
- Py, Graph. Pyrite, graphite.
- Pyrrh. Pyrrhotite.

GROUND SCINTILLOMETER SURVEY RESULTS - LEGEND

BOULDER OUTCROP

GABBRO

SANDSTONE Q QUARTZITE, A ARKOSE, SA SUBARKOSE, ST SILTSTONE, M MUDSTONE

QUARTZ PEBBLE CONGLOMERATE

CRYSTALLINE BASEMENT G GRANITE, GG GRANITIC GNEISS, GD GRANODIORITE, P PEGMATITE, V METAVOLCANIC

SAMPLE LOCATION; FRACTURE, VEIN - RELATED; IN SITU SPPS COUNTS; ROCK TYPE (BOULDER OR OUTCROP); Tr-Eta (PPM); U3O8 (PPM - WHERE 0% INDICATES)

Tr-Eta Uranium-uranium anomaly (spectrometer field check)

Ty-Ab basalt, lapilli tuff, tuff, lava, Fe, K, Ba, Sr, Zn, Sr, Cu, Mn, Ni, Mo, Pb, Ag, Zr, Th, Y, Nb, La, Ce, Rb, Ga, U, Au, Pt, Pd, S, As, Sb, Bi, Cd, Hg, Se, Te, Tl, W, Be, B, Li, Cr, Au, Ag

Ty-Ab basaltic, chloritic, fine-medium, clinoclastic pyroclastic, dacitic, tuff, crystal tuff, pyroclastic breccia, sericitic, feldspar porphyritic, rhyolitic, tuff, lapilli tuff, pyrite, magnetite, pyrrhotite, chalcopyrite, sphalerite, galena, molybdenite, arsenopyrite, scheelite, cinnabar, barite, native gold, potential base & rare metal source

Fine grained, medium grained, coarse grained, felsic source pyroclast

m. 100 0 100 200 300 400 500 metres

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral
DATE: 8 JUIN 1982
No G.M.: 38322

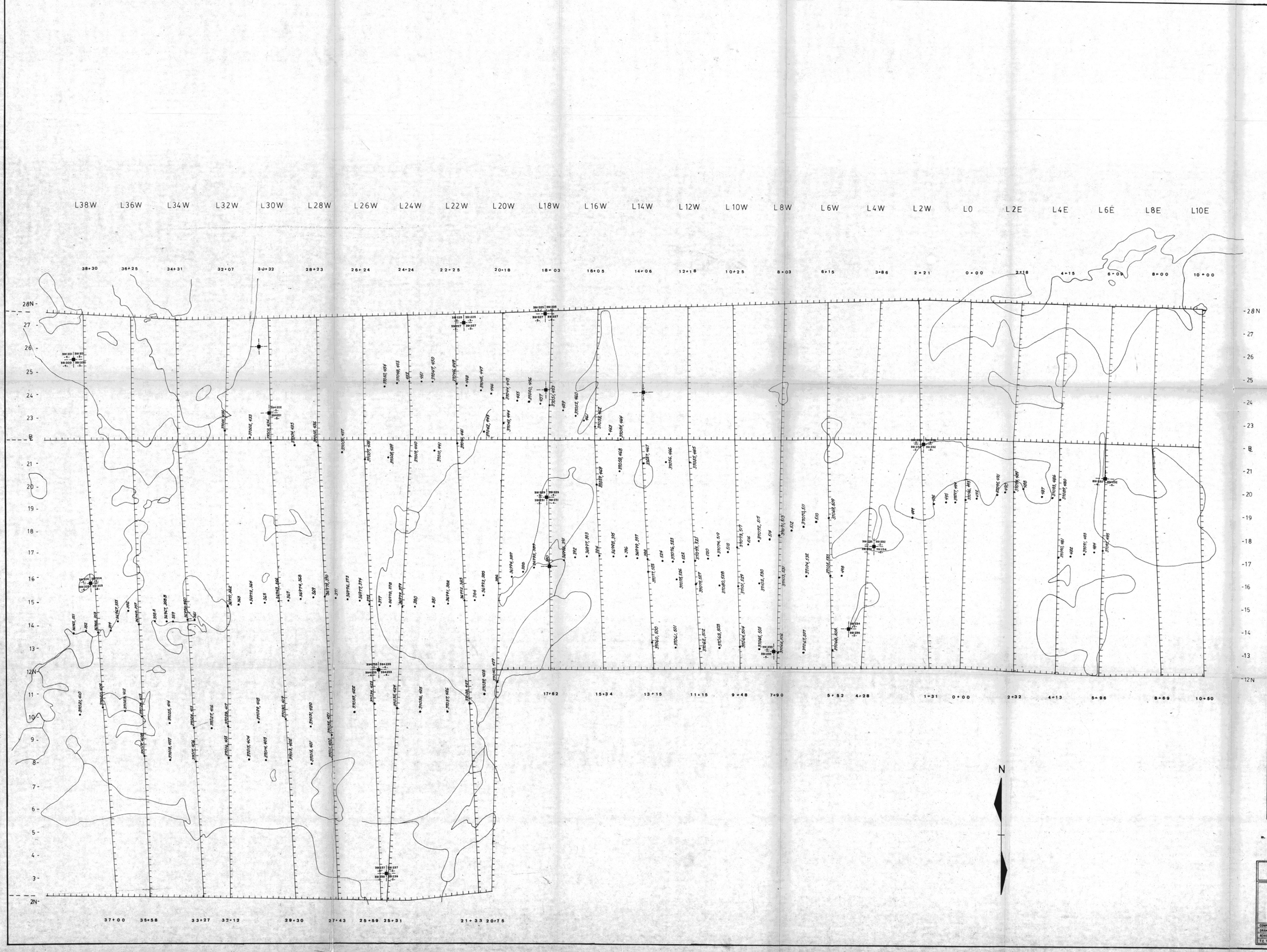
URANERZ EXPLORATION AND MINING LIMITED

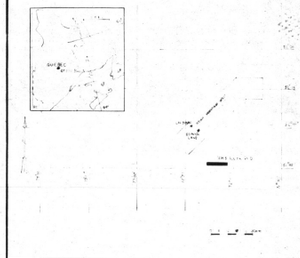
PROJECT NO. 71-85, Bea. Zor./Otish West.

Temis River Area (L.10E to L.38W)

COMPILATION OF GEOPHYSICAL, GEOLOGICAL AND GEOCHEMICAL SURVEYS

COMP. W.L.	DATE Oct. 1981	REP. MAP No.	MAP CARTE No. 3
DRAWN DESS. P.L.	DATE Oct. 1981	SCALE ECH. 1:5000	PROJ. No. 71-85
REVISION			
T.C. TO BOMM	N.T.S. REF. 32 P/16		FILE DOSS. No. 606





LEGEND

● 37089, 480 Track Etch Cup No, Soil Sample No.

Claim Post.

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral

DATE: 6 FEB. 1982

No G.M.: 38322

m. 100 0 100 200 300 400 500 metres

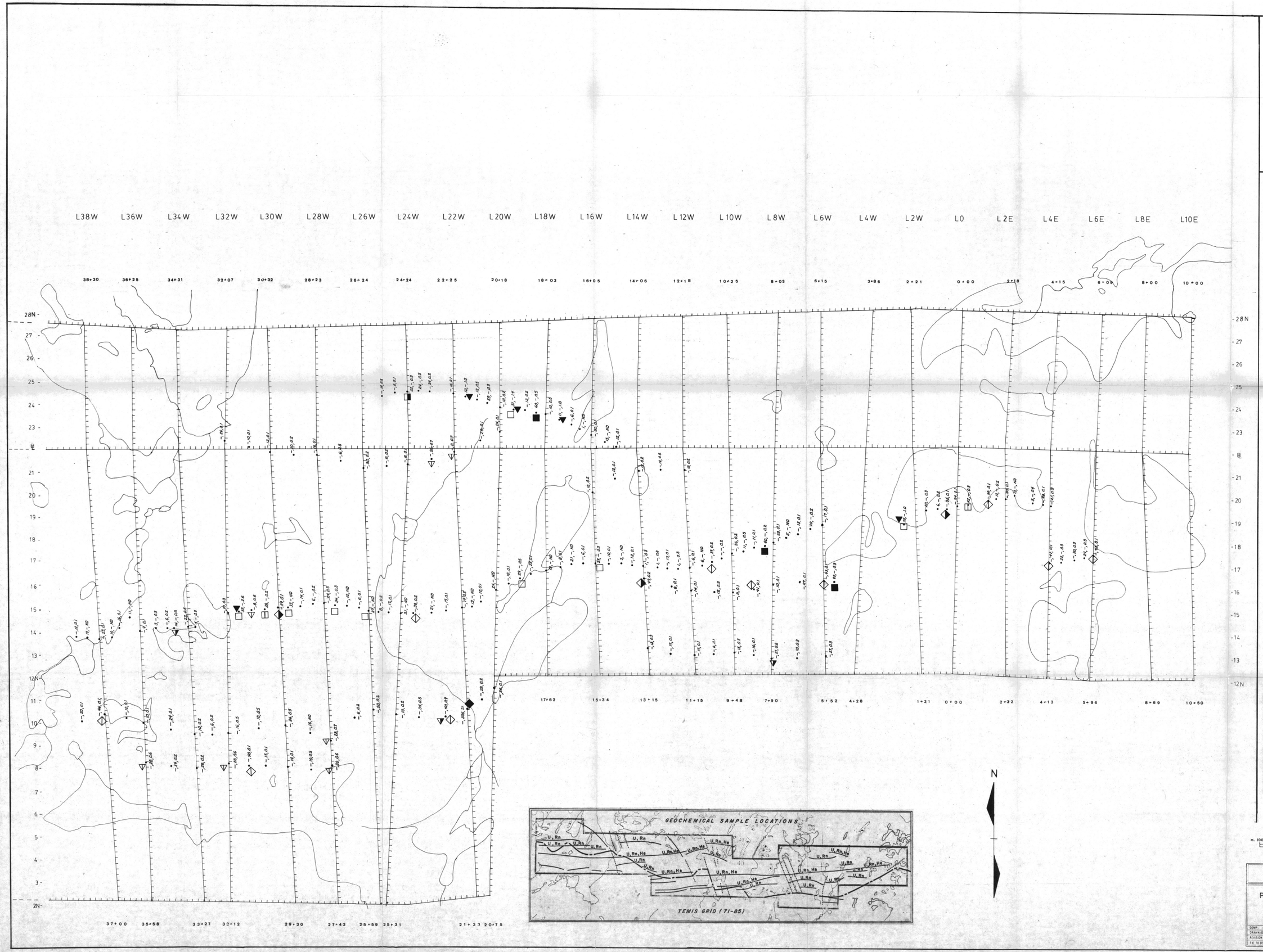
URANERZ EXPLORATION AND MINING LIMITED

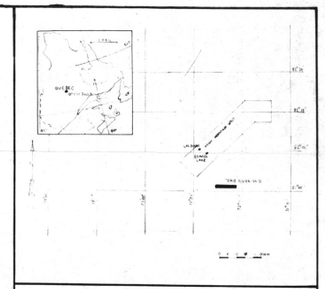
PROJECT NO. 71-85, Bea. Zor./Otish West.

Temis River Area (L.10E to L.38W)

GEOCHEMICAL SAMPLE LOCATION

COMP.: G.L.	DATE: OCT/1981	REF./RAP. No.	MAP/CARTE No.
DRAWN/DESS.: Y.G.	DATE: 11/1981		
REVISION:	SCALE/ECH.: 1:5000		PROJ. No.: 71-85
T.C. TO DOWN	N.T.S. REF.: 32 B/16		FILE/DOSS. No.: 642





LEGEND

Geochemical Anomaly Designation

ANOMALY RATING	HELIUM IN SOILS	RADON IN SOILS (TRACK ETCH METHOD)	URANIUM IN SOILS
1st	■ > 573 ppm	◆ > 59 Tu/cm²	▼ > 0.9 ppm
2nd	◨ 468 - 573 "	◈ 48 - 59 "	▽ 0.8 - 0.9 "
3rd	◫ 363 - 467 "	◇ 38 - 47 "	▽ 0.6 - 0.7 "
4th	□ < 363 "		
Number of Samples	224	371	595
Mean of Background Population	15.3	17.8	0.2
Standard Deviation of Background Population	10.5	10.3	0.18

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral

DATE: 6 AVR. 1982

No G.M. 38322

m. 100 0 100 200 300 400 500 metres

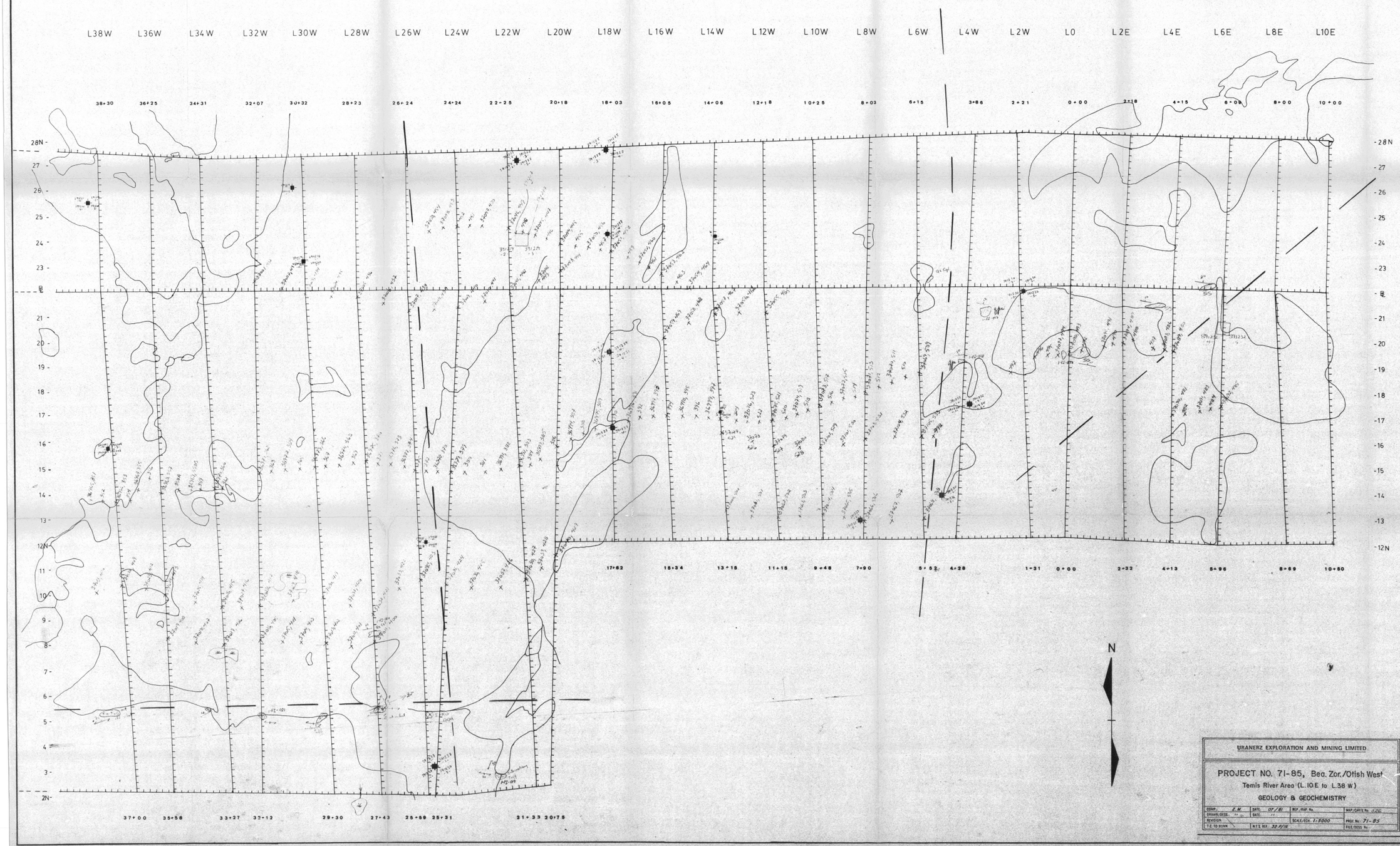
URANERZ EXPLORATION AND MINING LIMITED

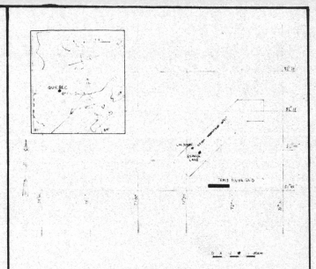
PROJECT NO. 71-85, Bea. Zor./Otish West.

Temis River Area (L.10E to L.38W)

GEOCHEMICAL SURVEY RESULTS

COMP. G.L.	DATE 10/1981	REP./RAP. No.	MAP/CARTE No.
DRAWN/DESS. Y.B.	DATE 12/1981		
REVISION		SCALE/ECH 1:5000	PROJ. No. 71-85
T.C. TO BOWN	N.T.S. REF. 32 P/16		FILE/DOSS. No. 646





REGION

DE LA RIVIERE TEMIS

L10E à L38W

LEGEND

INDICATOR FOR OUTCROP

- qpc. quartz, pebble conglomerate.
- subark. subarkose.
- ark. arkose.
- ss. sandstone.

METAVOLCANIC – massive to flow banded

METAVOLCANIC – fragmental

- ch, pyrrh. chlorite, pyrrhotite.
- mt, py. magnetite, pyrite.

AIR PHOTO LINEAMENT

BEDDING (strike, dip)

FOLIATION (vertical, inclined)

JOINTS, FRACTURES (vertical, inclined)

Mineralized boulder, high counts using Ratemeter (as) Scintrex GAD-6 or Geometrics

Mineralized boulder, high counts as with above number

Thorium Source

Uranium Source

EDA SPECTROMETER FIELD CHECK

CLAIM POST

GEOCHEMICAL SURVEY

- x 418 Sample site, Sample number. (Uranium, Gold)
- x 34235, 58 Sample site, Sample number. (Trace Elem, Soil)

100 50 0 100 200 300 400 500 ft

ECHELLE 1:5000

DATE: AVRIL 81

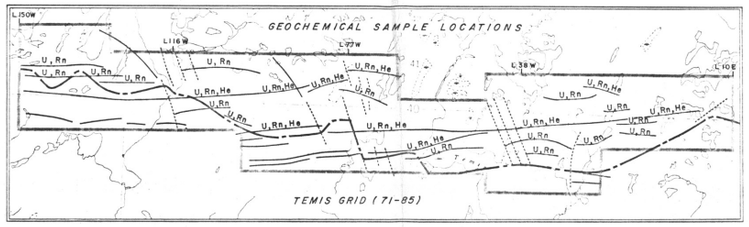
REF: NTS 32 P/16

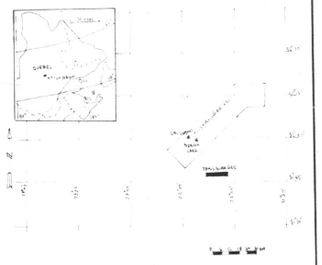
Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral
DATE: 6 AUG. 1982
No G.M. 35322

URANERZ EXPLORATION AND MINING LIMITED

PROJECT NO. 71-85, Bea. Zor./Otish West
Temis River Area (L.10E to L.38W)
GEOLOGY & GEOCHEMISTRY

COMP. E.M.	DATE: OCT/81	REP./RAP. No.	MAP/CARTE No. 1-26
DRAWN/DESS. "	DATE: "		
REVISION		SCALE/ECH. 1:5000	PROJ. No. 71-85
T.C. TO DOWN		N.T.S. REF. 32 P/16	FILE/DOSS. No.





L77W L75W L73W L71W L69W L67W L65W L63W L61W L59W L57W L55W L53W L51W L49W L47W L45W L44W L42W L40W

77+05 74+97 73+14 70+60 69+05 67+20 65+00

32N 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6N

28N 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2N

45+28 44+20 42+31 40+29

76+75 74+70 72+98 70+80 68+61 66+66 65+04 62+54 62+35 59+34 57+03 54+91 52+61 51+50 49+28 47+00

45+00 44+75 41+60 40+25

A F J

180 m
50m
96m (70°N)
100m
10m
110 m
106m (75°N)
90m
100m
40m
20m
30 m
50m
35m
50m
100m 130m
100 m
120m
<10m
152,38 (A) 2 500 cg, lim

U/C

RIVIÈRE TEMIS

N

LEGEND

- Vertical Loop E.M. Conductor Axis.
- Horizontal Loop E.M. Conductor Axis.
- V.L.F. Conductor Axis (In Phase & Quadrature).
- V.L.F. Conductor Axis (Defined by Quadrature only).
- 300m 75°S — Interpreted Depth to Top and Dip Angle of E.M. Conductor (Thin Dyke Model).
- HIGH / LOW — Area of Low Resistivity
- Magnetic Anomaly Trend.
- Magnetic Anomaly, Wide Zone.
- 100m 75°S — Interpreted Depth to Top and Dip Angle of Magnetic Body (Thin Prism Model).
- Air Photo Lineament.
- Interpreted Fault.
- Zone of High Chargeability

LEGEND

Geochemical Anomaly Designation

ANOMALY RATING	HELIUM IN SOILS	RADON IN SOILS (TRACK ETCH METHOD)	URANIUM IN SOILS
1st	■ > 573 at. ppb	◆ > 59 Tr/m³	▼ > 0.9 ppm
2nd	◨ 468 - 573 "	◈ 48 - 59 "	▽ 0.8 - 0.9 "
3rd	◫ 363 - 467 "	◇ 38 - 47 "	▽ 0.6 - 0.7 "
4th	□ < 363 "		

Number of Samples	224	371	595
Mean of Background Population	153	178	02
Standard Deviation of Background Population	105	103	018

LEGEND

INDICATOR FORMATION

- Sandstone, Massive to bedded, white to light green, medium to coarse grained arkose - quartzite.
- Quartz Pebble Conglomerate, Often light green with sericitic matrix.

UNCONFORMITY

- Metagabbro, Amphibolite, Massive or Flow-Banded Metabasalt.
- Meta Andesite (Massive - Flow Banded).
- Basaltic Tuff, Chloritic Schist (Minor Rhyolite Lenses).
- Andesitic Tuff, Dacitic Tuff.
- Foliation - inclined, vertical, unknown.
- Fold Axis - angle & direction of plunge.
- Bedding - with dip angle.
- Pillow Structures (Tops Facing South).
- U/C — Unconformity.
- Py, Graph. — Pyrite, graphite.
- Pyrrh. — Pyrrhotite.

GROUND SCINTILLOMETER SURVEY RESULTS - LEGEND

BOULDER / OUTCROP

- GABBRO
- SANDSTONE: Q QUARTZITE; A ARKOSE; SA SUBARKOSE; ST SILTSTONE; M MUDSTONE
- QUARTZ PEBBLE CONGLOMERATE
- CRYSTALLINE BASEMENT: G GRANITE; GN GRANITIC GNEISS; GD GRANODIORITE; P PEGMATITE; V METAVOLCANIC

SAMPLE LOCATION
FRACTURE, VEIN-RELATED
810, 1B — RDG (IN SITU SPPS COUNTS)
TaDg (PPM) — ROCK TYPE (BOULDER OR OUTCROP)
U3O8 (PPM - UNLESS % INDICATED)

Th, U — thorium, uranium assaying (spectrometer field check)

sem, ch1, tc, tm, sch, sbc, Fe, ti, wer, STN, Bt, py, mc, ka, ms, ch, ill, ep, qz, fine — hematite, chlorite, fearmolite, limonite, actinolite, biotite, iron alteration, potassium feldspar, sericite, secondary uranium stain, kaolite, pyrite, magnetite, pitchblende, muscovite, cross-bedding, parallel bedding, qz, qtz, fine

fine-grained, medium grained, coarse grained, very coarse grained

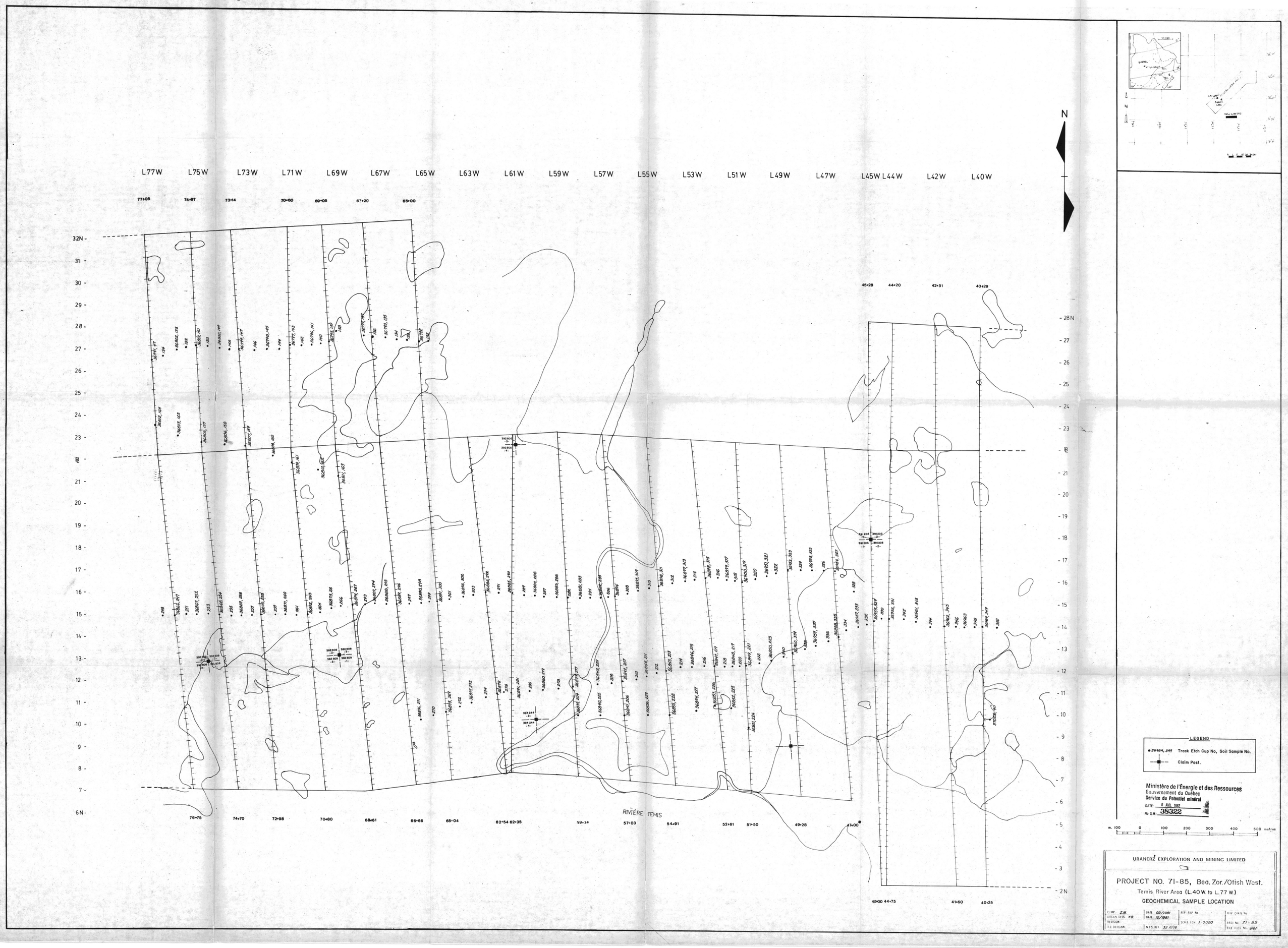
m. 100 0 100 200 300 400 500 metres

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral
DATE 8 JUIN 1982
No G.M. 38322

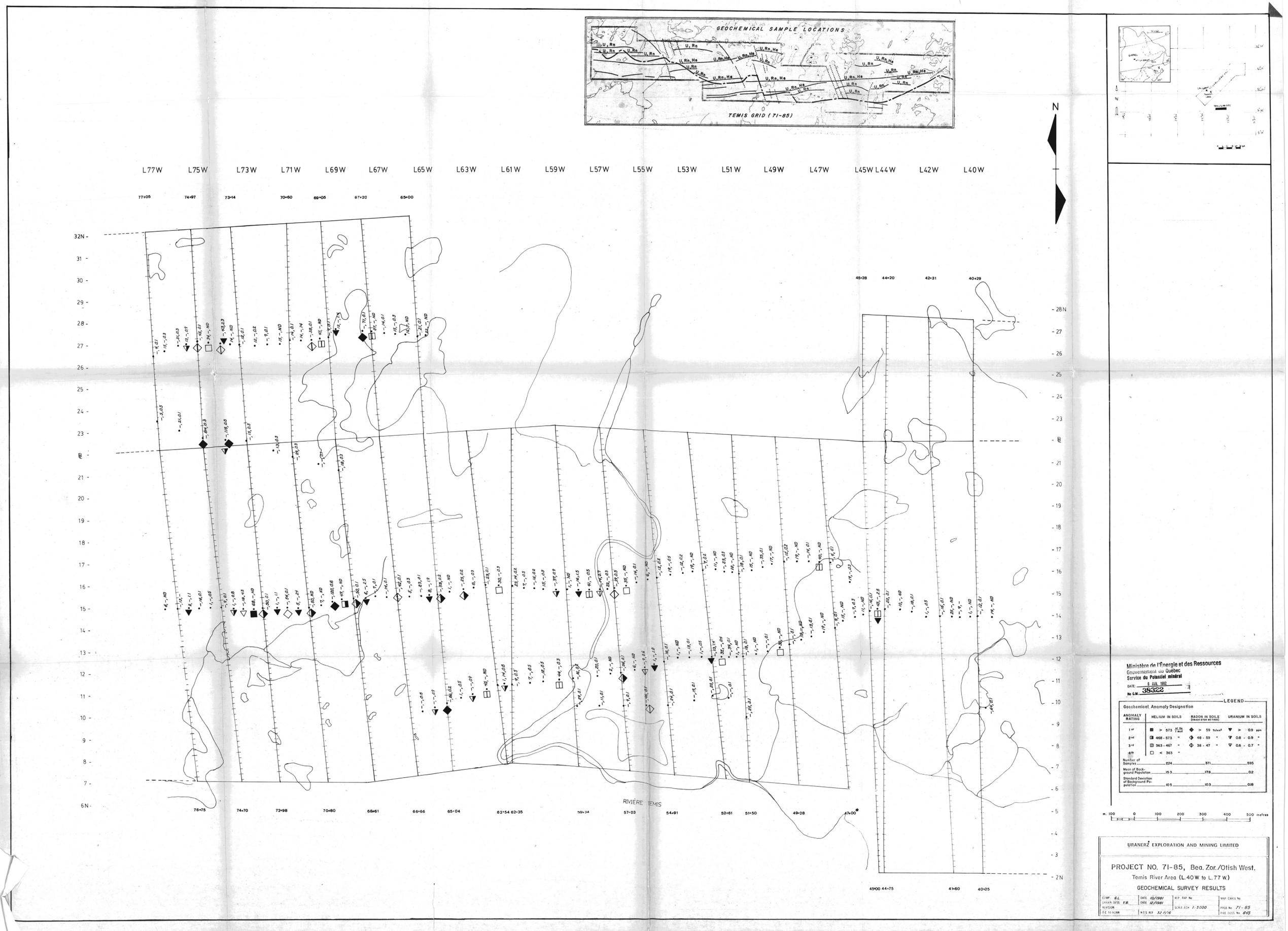
URANERZ EXPLORATION AND MINING LIMITED

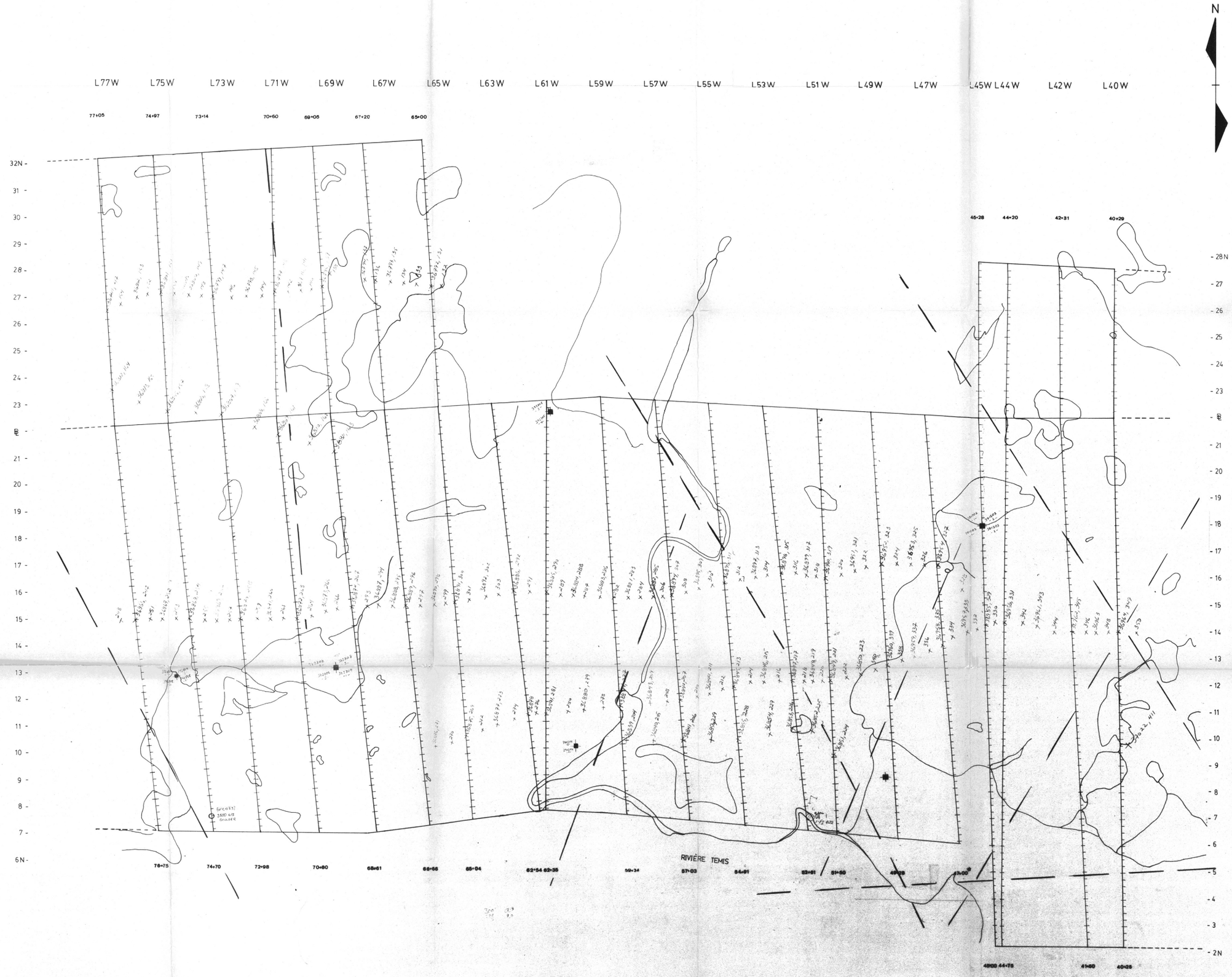
PROJECT NO. 71-85, Bea, Zor./Otish West.
Temis River Area (L.40W to L.77W.)
COMPILATION OF GEOPHYSICAL, GEOLOGICAL AND GEOCHEMICAL SURVEYS

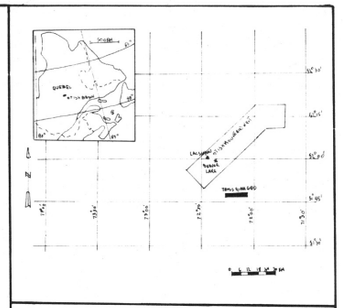
COMP. M.L.	DATE Oct. 1981	REP. REF No.	MAP/CARTE No. 10
DRAWN DESS P.L.	DATE Oct. 1981	SCALE ECH 1:5000	PROJ No. 71-85
REVISION			FILE DOSS No. 607
T.C. TO N.T.S.	N.T.S. REF 32 P/16		



L77W
L75W
L73W
L71W
L69W
L67W
L65W
L63W
L61W
L59W
L57W
L55W
L53W
L51W
L49W
L47W
L45W
L44W
L42W
L40W
N
RIVIÈRE TEMIS
LEGEND
Track Etch Cup No, Soil Sample No.
Claim Post.
Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral
DATE: 8 AVR. 1982
No G.M. 38322
m. 100 0 100 200 300 400 500 metres
URANERZ EXPLORATION AND MINING LIMITED
PROJECT NO. 71-85, Bea. Zor./Otish West.
Temis River Area (L.40 W. to L.77 W.)
GEOCHEMICAL SAMPLE LOCATION
COMP. Z.M.
DRAWN DESS. Y.B.
REVISION
T.C. TO BOND
DATE 09/1981
DATE 12/1981
N.T.S. REF. 32 P/16
REP. RAP. No
SCALE ECH. 1:5000
MAP CRATE No
PROJ. No. 71-85
FILE DOSS. No. 641


GEOCHEMICAL SAMPLE LOCATIONS
TEMIS GRID (71-85)
N
L77W
L75W
L73W
L71W
L69W
L67W
L65W
L63W
L61W
L59W
L57W
L55W
L53W
L51W
L49W
L47W
L45W
L44W
L42W
L40W
RIVIÈRE TEMIS
Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral
DATE: 6 AVR. 1982
No G.M.: 38322
LEGEND
Geochemical Anomaly Designation
ANOMALY RATING
HELIUM IN SOILS
RADON IN SOILS (TRACK ETCH METHOD)
URANIUM IN SOILS
1st > 573 nl He/l mud > 59 Tr/mm² > 0.9 ppm
2nd 468 - 573 " 48 - 59 " 0.8 - 0.9 "
3rd 363 - 467 " 38 - 47 " 0.6 - 0.7 "
4th < 363 "
Number of Samples 224 371 595
Mean of Background Population 15.3 17.8 0.2
Standard Deviation of Background Population 10.5 10.3 0.18
m. 100 0 100 200 300 400 500 metres
URANERZ EXPLORATION AND MINING LIMITED
PROJECT NO. 71-85, Bea. Zor./Otish West.
Temis River Area (L.40W. to L.77W.)
GEOCHEMICAL SURVEY RESULTS
COMP. G.L.
DRAWN DESS. Y.B.
REVISION
T.C. TO BONN
DATE 10/1981
DATE 12/1981
N.T.S. REF. 32 P/16
REP. RAP. No
SCALE: ECH 1:5000
MAP CARTE No
PROJ No 71-85
FILE DOSS. No. 645





REGION

DE LA RIVIÈRE TÉMIS

L40W à L77W

LEGEND

INDICATOR FM. OUTCROP

qpc.	quartz, pebble conglomerate.
subark.	subarkose.
ark.	arkose.
ss.	sandstone.
	METAVOLCANIC – massive to flow banded
	METAVOLCANIC – tuffaceous.
chl. pyrrh.	chlorite, pyrrhotite.
mt. py	magnetite, pyrite.
	AIR PHOTO LINEAMENT
4	BEDDING (strike, dip)
60	FOLIATION (vertical, inclined)
10	JOINTS, FRACTURES (vertical, inclined)
2500 c/s	Anomalous boulder, high counts along fracture (in situ SPPS - NF County)
	Anomalous boulder, high counts ass. with entire boulder.
Th	Thorium Source
U	Uranium Source
2500 c/s	CLAIM POST
2500 c/s	GEOCHEMICAL SURVEY
× 415	Sample site, Sample number. (Helium, Soil)
× 367.25, 25	Sample site, Sample number. (Track Etch, Soil)

EDA SPECTROMETER FIELD CHECK

URANERZ EXPLORATION AND MINING LIMITED

PROJECT NO. 71-85, Bea. Zor./Otish West.

Temis River Area (L.40 W. to L.77 W.)

GEOLOGY & GEOCHEMISTRY

COMP.: Z.M.	DATE: 07/81	REP./RAP. No.	MAP/CARTE No. 327
DRAWN/DESS.: "	DATE: "		
REVISION:		SCALE/ECH.: 1:5000	PROJ. No. 71-85
T.C. TO DOWN	N.T.S. REF. 32 P/16		FILE/DOSS. No.

100 50 0 100 200 300 400 500 ft

ECHELLE 1:5000

DATE: AVRIL 81

REF. NTS 32P/16

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral

DATE: 6 AVR. 1982

No G.M.: 38322

* LE CHAINAGE DE LA T.L. EN COMMENCE A LA LIGNE 97°00W ET NON A LA LIGNE 45°00W

CAMP

L116W L114W L112W L110W L108W L106W L104W L102W L100W L98W L96W L94W L92W L90W L88W L86W L85W L83W L81W L79W

115+50 114+28 110+06 110+00 108+00 106+01 104+00 101+62 99+84 97+85 95+88 94+00 91+03 89+02 87+83 85+88 84+99 82+00 80+67 78+85

33N 32 31 30 29 28 27 26 25 24 23 21 20 19 18 17 16 15N

32N 31 30 29 28 27 26 25 24 23 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6N

116+34 113+46 112+20 109+74 109+48 105+94 103+98 102+08 99+40 97+56 95+80 93+76 91+90 89+92 87+40 85+76 83+68 83+00 80+82 79+15

1500 lim 149,24 A 2400 46,24 G 1400 gn,mg 3100 29,27 G 750 fe 99,44 GA tilligan fe,hem

>100m 150 m >150 m 150m 130m 120m <30m 40m 40m >100m 35m <100 m <10m 40m N 70m 50m <15m <10m <40m <80m

U/C

B C D

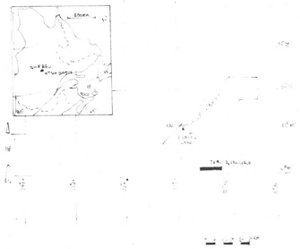
N

GEOCHEMICAL SAMPLE LOCATIONS

L.150W L.116W L.72W L.38W L.10E

U, Rn U, Rn, He

TEMIS GRID (71-85)



LEGEND

Defined Assumed

- Vertical Loop E.M. Conductor Axis.
- Horizontal Loop E.M. Conductor Axis.
- V.L.F. Conductor Axis (In Phase & Quadrature).
- V.L.F. Conductor Axis (Defined by Quadrature only).
- 300m 75% — Interpreted Depth to Top and Dip Angle of E.M. Conductor (Thin Dyke Model).
- HIGH LOW — Area of Low Resistivity.
- Magnetic Anomaly Trend.
- Magnetic Anomaly, Wide Zone.
- 100m 75% — Interpreted Depth to Top and Dip Angle of Magnetic Body (Thin Prism Model).
- Air Photo Lineament.
- Interpreted Fault.
- Zone of High Chargeability

LEGEND

Geochemical Anomaly Designation

ANOMALY RATING	HELIUM IN SOILS	RADON IN SOILS (TRACK ETCH METHOD)	URANIUM IN SOILS
1st	■ > 573 at. Pa / sec.	◆ > 59 Tolani	▼ > 0.9 ppm
2nd	◨ 468 - 573 "	◈ 48 - 59 "	▽ 0.8 - 0.9 "
3rd	◫ 363 - 467 "	◇ 38 - 47 "	▽ 0.6 - 0.7 "
4th	□ < 363 "		
Number of Samples	224	371	595
Mean of Background Population	153	178	0.2
Standard Deviation of Background Population	105	103	0.18

LEGEND

INDICATOR FORMATION

- Sandstone, Massive to bedded, white to light green, medium to coarse grained arkose - quartzite.
- Quartz Pebble Conglomerate, Often light green with sericitic matrix.

UNCONFORMITY

- Metagabbro, Amphibolite, Massive or Flow-Banded Metabasalt.
- Meta Andesite (Massive - Flow Banded).
- Basaltic Tuff, Chloritic Schist (Minor Rhyolite Lenses).
- Andesitic Tuff, Doctitic Tuff.
- Foliation - inclined, vertical, unknown.
- Fold Axis - angle & direction of plunge.
- Bedding - with dip angle.
- Pillow Structures (Tops Facing South).
- U/C — Unconformity.
- Py, Graph. Pyrite, graphite.
- Pyrrh. Pyrrhotite.

GROUND SCINTILLOMETER SURVEY RESULTS - LEGEND

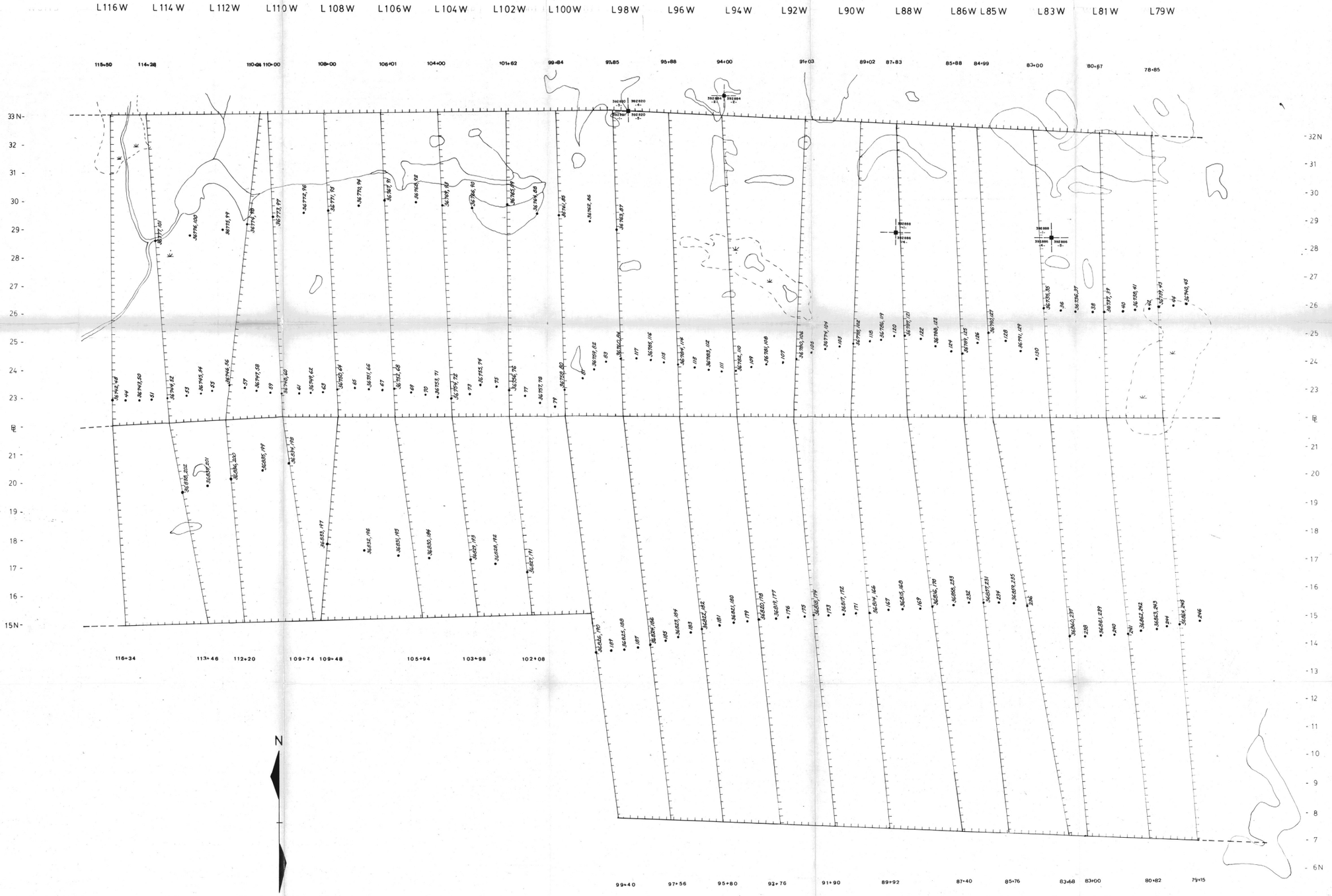
BOULDER | OUTCROP

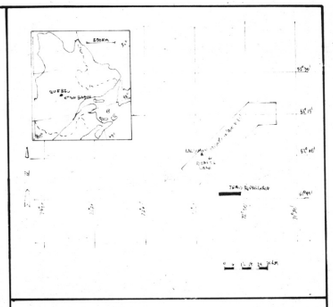
- GABBRO
- SANDSTONE: Q QUARTZITE; A ARKOSE; SA SUBARKOSE; ST SILTSTONE; M MUDSTONE
- QUARTZ PEBBLE CONGLOMERATE
- CRYSTALLINE BASEMENT: G GRANITE; GN GRANITIC GNEISS; GD GRANODIORITE; P PEGMATITE; V METAVOLCANIC

SAMPLE LOCATION — FRACTURE (VEIN-RELATED) — RADIOMETRIC DATA (K% / eTh PPM / eU PPM COUNTS) — ROCK TYPE (BOULDER OR OUTCROP) — ThO2 (PPM) — UO2 (PPM - UNLESS % INDICATED)

Th,U — thorium, uranium anomaly (spectrometer field check)

Beau.Lk.(1), (2), (3) Sch., Sch. Pa., K Beau. & Tp., Kp., Beau. Lk. (





LEGEND

● 36662,242 Track Etch Cup No, Soil Sample No.

Claim Post.

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral

DATE: 6 AVR 1982

No G.M.: 38322

m. 100 0 100 200 300 400 500 metres

URANERZ EXPLORATION AND MINING LIMITED

PROJECT NO. 71-85, Bea. Zor./Otish West.

Temis River Area (L.79W to L.116W)

GEOCHEMICAL SAMPLE LOCATION

COMP. G.L.	DATE 09/1981	REP. RAP. No	MAP/CARTE No
DRAWN/DESS. Y.B.	DATE 11/1981		
REVISION		SCALE/ECH. 1:5000	PROJ. No. 71-85
T.C. TO/DANS		N.T.S. REF. 32 P/16	FILE/DOSS. No. 640

L116W L114W L112W L110W L108W L106W L104W L102W L100W L98W L96W L94W L92W L90W L88W L86W L85W L83W L81W L79W

115+50 114+28 110+04 110+00 108+00 106+01 104+00 101+62 99+84 97+85 95+88 94+00 91+03 89+02 87+83 85+88 84+99 83+00 80+67 78+85

33N 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15N

32N 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6N

116+34 113+46 112+20 109+74 109+48 105+94 103+98 102+08

99+40 97+56 95+80 93+76 91+90 89+92 87+40 85+76 83+68 83+00 80+82 79+15

N

GEOCHEMICAL SAMPLE LOCATIONS

TEMIS GRID (71-85)

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral
DATE: 8 JUIN 1982
No G.M. 38322

LEGEND

Geochemical Anomaly Designation

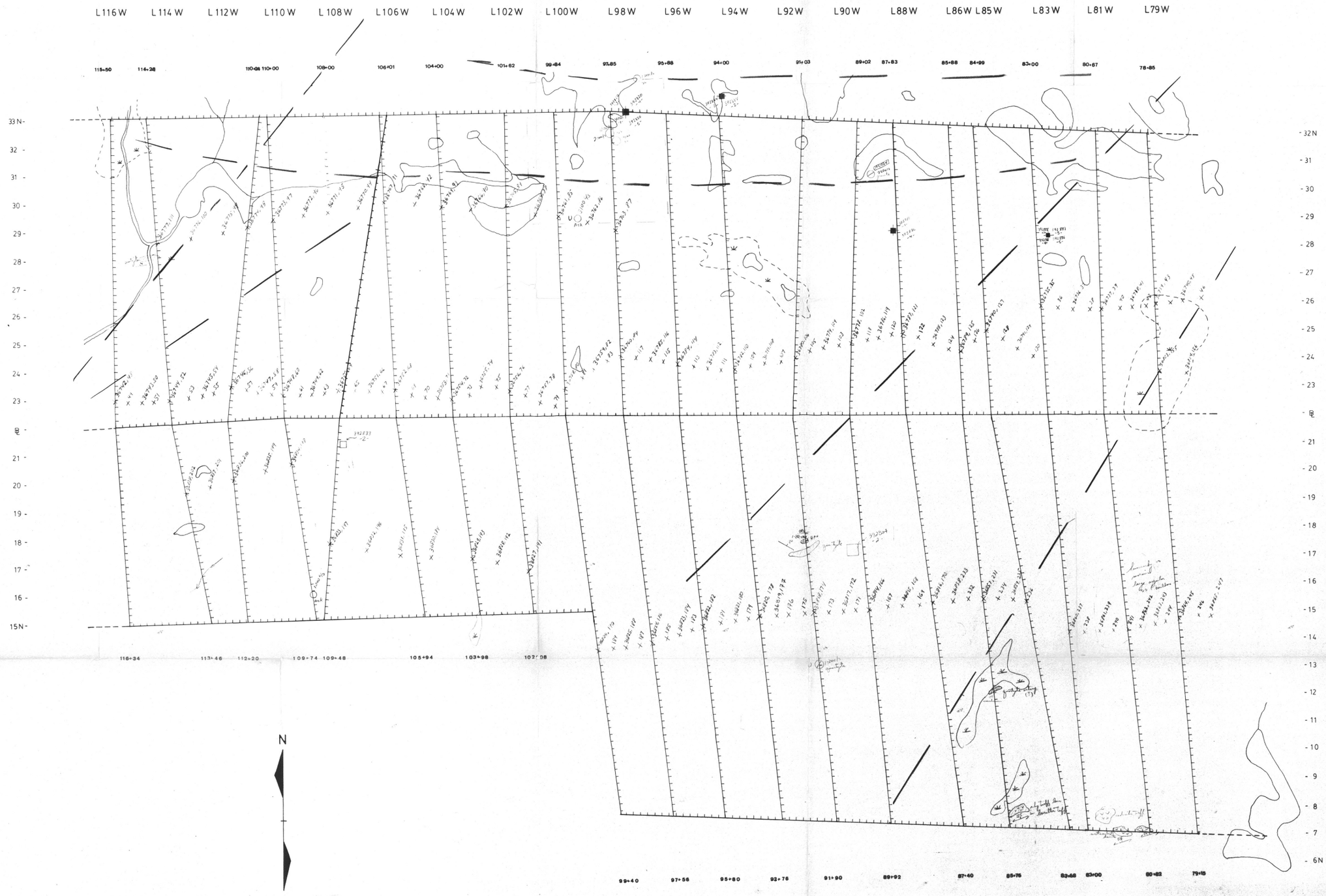
ANOMALY RATING	HELIUM IN SOILS	RADON IN SOILS (TRACK ETCH METHOD)	URANIUM IN SOILS
1st	> 573 at. ppb He/soil	> 59 Tu/cm²	> 0.9 ppm
2nd	468 - 573 "	48 - 59 "	0.8 - 0.9 "
3rd	363 - 467 "	38 - 47 "	0.6 - 0.7 "
4th	< 363 "		
Number of Samples	224	371	595
Mean of Background Population	153	178	0.2
Standard Deviation of Background Population	105	103	0.18

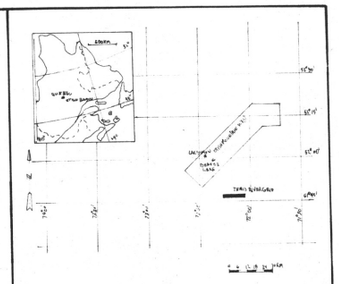
m. 100 0 100 200 300 400 500 metres

URANERZ EXPLORATION AND MINING LIMITED

PROJECT NO. 71-85, Bea. Zor./Otish West.
Temis River Area (L.79W to L.116W)
GEOCHEMICAL SURVEY RESULTS

COMP.: G.L.	DATE: 10/1981	REP./RAP. No.	MAP/CARTE No.
DRAWN/DESS.: K.B.	DATE: 12/1981		
REVISION:		SCALE/ECH.: 1:5000	PROJ. No: 71-85
T.C. TO BONN	N.T.S. REF.: 32 P/16		FILE/DOSS No: 644





RÉGION

DE LA RIVIÈRE TÉMIS

L79W à L116W

LEGEND

- INDICATOR FM OUTCROP
- gpc. quartz, pebble conglomerate.
- cubark. cubanite.
- ark. arkose.
- st. sandstone.
- METAVOLCANIC – massive to flow banded
- METAVOLCANIC – fragmental
- chl.pyrrh. chlorite, pyrrhotite.
- mt.py magnetite, pyrite.
- AIR PHOTO LINEAMENT
- BEDDING (strike, dip)
- FOLIATION (vertical, inclined)
- JOINTS, FRACTURES (vertical, inclined)
- Anomalous boulder, high counts along fracture (in situ, gossanous quartz)
- Anomalous boulder, high counts occ. with mafic boulder
- Thorium Source
- Uranium Source
- EDA SPECTROMETER FIELD CHECK
- CLAIM POST
- GEOCHEMICAL SURVEY
- x Hf/S: Sample site, Sample number. (Hafnium, Soil)
- x Ja/B2, S5: Sample site, Sample number. (Track Etch, Soil)

100 50 0 100 200 300 400 500 M

ÉCHELLE 1 : 5000

DATE : AVRIL 81

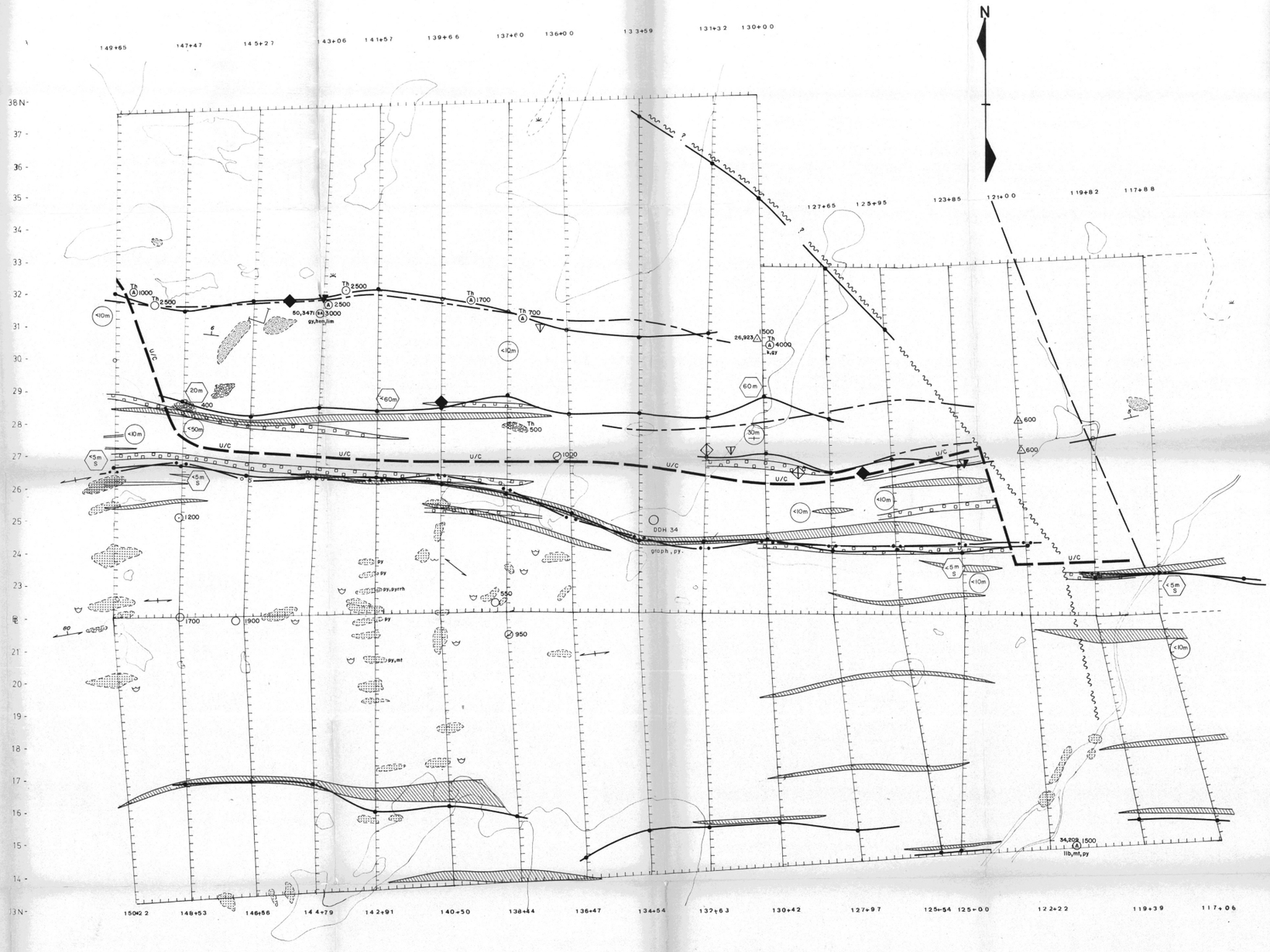
REF. NTS : 32 P/16

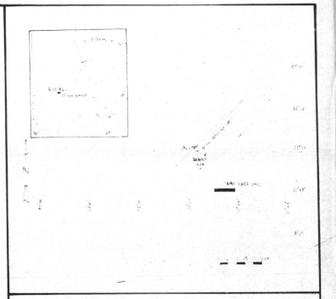
Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral
9 JUIN 1982
DATE:
No G.M. 38322

URANERZ EXPLORATION AND MINING LIMITED

PROJECT NO. 71-85, Bea. Zor./Otish West.
Temis River Area (L.79W to L.116W)
GEOLOGY & GEOCHEMISTRY

COMP.: E.M.	DATE: 07/81	REP./RAP. No.	MAP/CARTE No. SCH
DRAWN/DESS.: "	DATE: "		
REVISION:		SCALE/ECH. 1/5000	PROJ. No. 71-85
T.C. TO BGNN:		N.T.S. REF. 32 P/16	FILE/DOSS No.





LEGEND

- Vertical Loop E.M. Conductor Axis. (Defined / Assumed)
- Horizontal Loop E.M. Conductor Axis.
- VLF Conductor Axis (In Phase & Quadrature).
- VLF Conductor Axis (Defined by Quadrature only).
- 300m 75% — Interpreted Depth to Top and Dip Angle of E.M. Conductor (Thin Dyke Model).
- HIGH / LOW — Area of Low Resistivity
- Magnetic Anomaly Trend.
- Magnetic Anomaly, Wide Zone.
- 100m 75% — Interpreted Depth to Top and Dip Angle of Magnetic Body (Thin Prism Model).
- Air Photo Lineament.
- Interpreted Fault.
- Zone of High Chargeability

LEGEND

Geochemical Anomaly Designation

ANOMALY RATING	HELIUM IN SOILS	RADON IN SOILS (TRACK ETCH METHOD)	URANIUM IN SOILS
1st	> 573 ppb He in soil	> 59 ft/cm³	> 0.9 ppm
2nd	468 - 573 "	48 - 59 "	0.8 - 0.9 "
3rd	363 - 467 "	38 - 47 "	0.6 - 0.7 "
4th	< 363 "		
Number of Samples	224	371	595
Mean of Background Population	153	178	0.2
Standard Deviation of Background Population	105	103	0.18

LEGEND

INDICATOR FORMATION

- Sandstone, Massive to bedded, white to light green, medium to coarse grained arkose - quartzite.
- Quartz Pebble Conglomerate, Often light green with sericitic matrix.

UNCONFORMITY

- Metagabbro, Amphibolite, Massive or Flow-Banded Metabasalt.
- Meta Andesite (Massive - Flow Banded).
- Basaltic Tuff, Chloritic Schist (Minor Rhyolite Lenses).
- Andesitic Tuff, Dacitic Tuff.
- 80° — Foliation - inclined, vertical, unknown.
- 30° — Fold Axis - angle & direction of plunge.
- 60° — Bedding - with dip angle.
- Pillow Structures (Tops Facing South).
- U/C — Unconformity.

Py, Graph. Pyrite, graphite.
Pyrrh. Pyrrhotite.

GROUND SCINTILLOMETER SURVEY RESULTS - LEGEND

BOULDER | OUTCROP

GABBRO

SANDSTONE: G QUARTZITE; A ARKOSE; SA SUBARKOSE; ST SILTSTONE; M MUDSTONE

QUARTZ PEBBLE CONGLOMERATE

CRYSTALLINE BASEMENT: G GRANITE; GN GRANITIC GNEISS; GD GRANODIORITE; P PEGMATITE; V METAVOLCANIC

SAMPLE LOCATION

FRACTURE, VEIN-RELATED

BOD — IN SITU BPPZ COUNTS

ROCK TYPE (BOULDER OR OUTCROP)

Th 9 (PPM) — Th 1 PPM

U 3.5 (PPM - UNLESS % INDICATED)

Th, U — thorium, uranium anomaly (spectrometer field check)

bedding, strike, dip

GEOCHEMICAL SAMPLE LOCATIONS

L150W L148W L146W L144W L142W L140W L138W L136W L134W L132W L130W L128W L126W L124W L122W L120W L118W

U, Ra; U, Ra, He

TEMIS GRID (71-85)

m. 100 0 100 200 300 400 500 metres

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral
DATE
No G.M. 38322

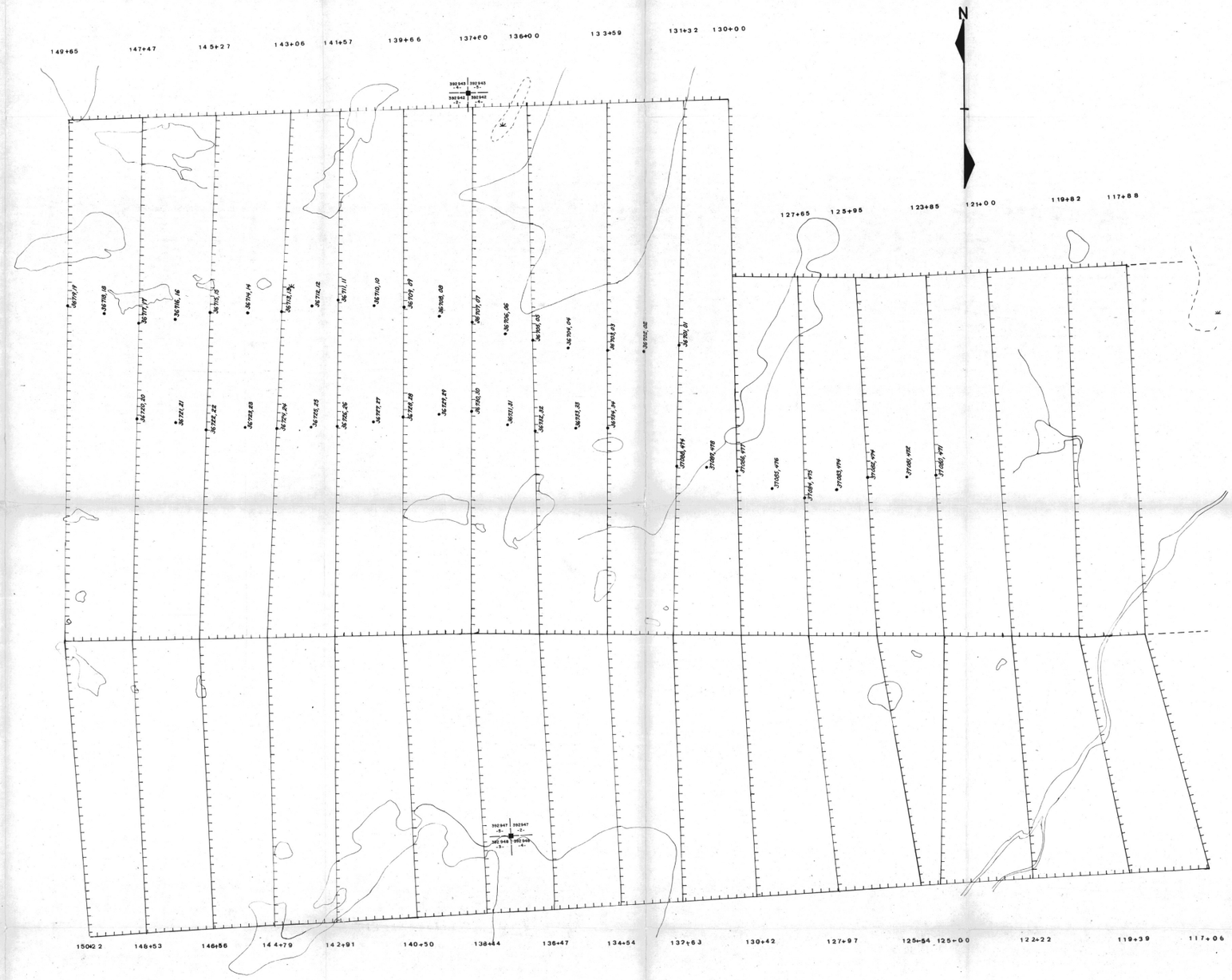
URANERZ EXPLORATION AND MINING LIMITED

PROJECT NO. 71-85, Bea. Zor./Otish West.

Temis River Area (L.118 W. to L.150 W.)

COMPILATION OF GEOPHYSICAL, GEOLOGICAL AND GEOCHEMICAL SURVEYS

COMP. M.L.	DATE Oct. 1981	REF./RAP. No.	MAP/CARTE No. 12
DRAWN/DESS. P.L.	DATE Oct. 1981	SCALE/ECH. 1:5000	
REVISION			PROJ. No. 71-85
1 C TO BOMR	NTS REF. 32 P/16		FILE/DOSS No. 0079



LEGEND

• 36724, 24 Track Etch Cup No, Soil Sample No.

Claim Post.

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral

DATE: 8 JUIN 1987

No G.M.: 38322

m. 100 0 100 200 300 400 500 metres

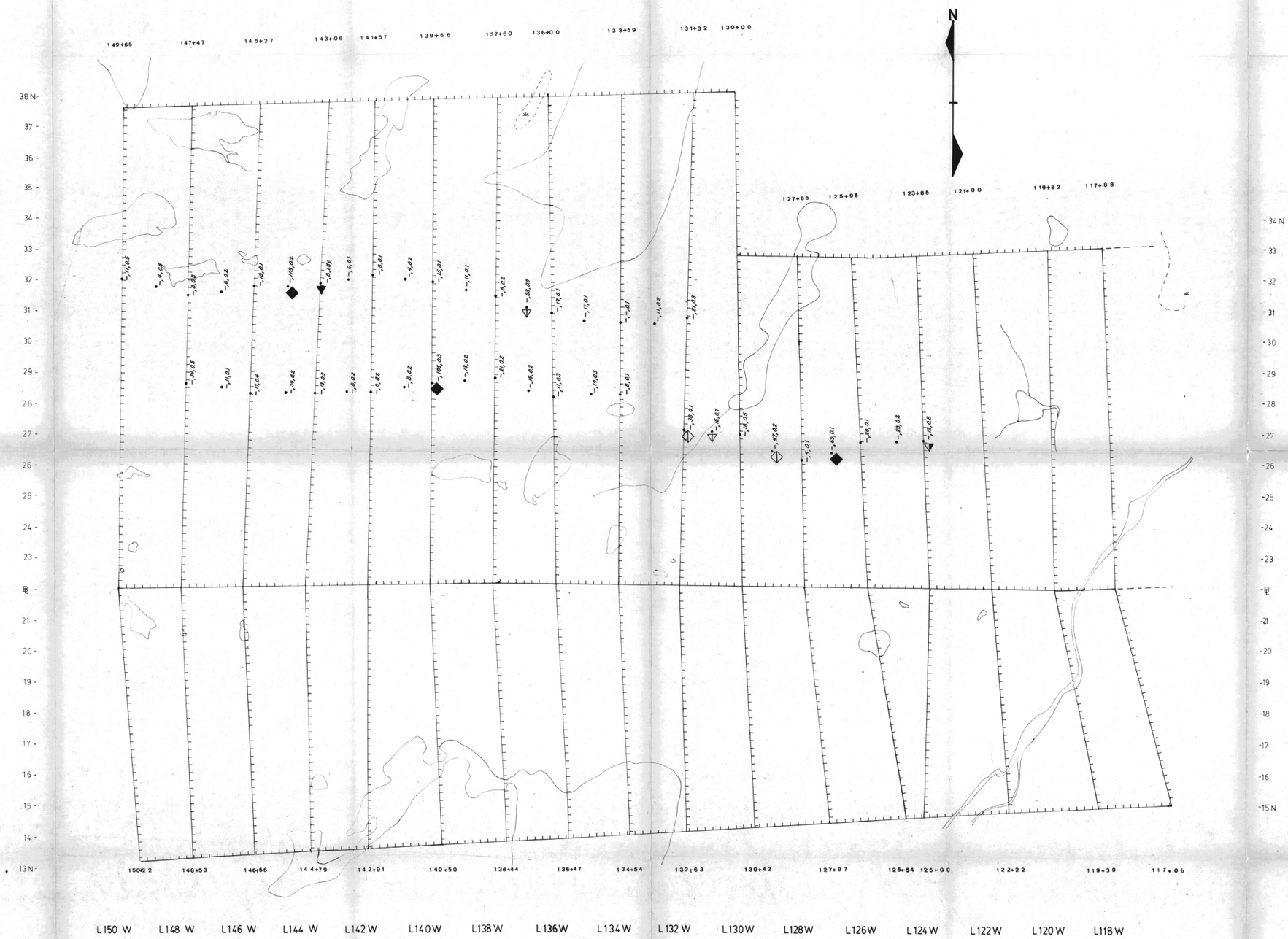
URANERZ EXPLORATION AND MINING LIMITED

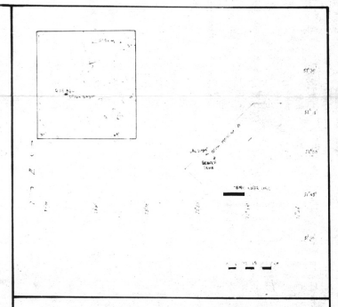
PROJECT NO. 71-85, Bea. Zor./Otish West.

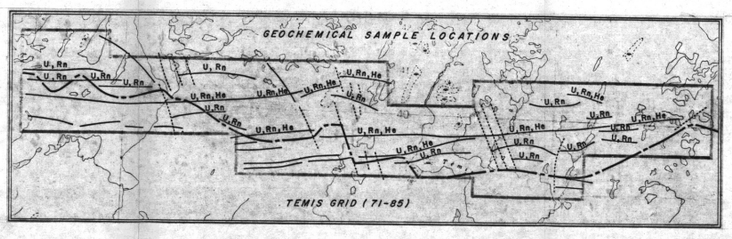
Temis River Area (L.118 W. to L.150 W.)

GEOCHEMICAL SAMPLE LOCATION

COMP. B.L.	DATE. 09/1986	REP./RAP. No.	MAP/CARTE No.
DRAWN/DESS. Y.B.	DATE. 11/1986		
REVISION		SCALE/ECH. 1:5000	PROJ. No. 71-85
1 C TO BOMN	N.T.S. REF. 32 P/16		FILE/DOSS. No. 237







Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral
DATE: 6 AVR. 1982
No G.M.: 38322

LEGEND

Geochemical Anomaly Designation

ANOMALY RATING	HELIUM IN SOILS	RADON IN SOILS (TRACK ETCH METHOD)	URANIUM IN SOILS
1st	■ > 573 at Hs/1 mod	◆ > 59 Tu/mm²	▼ > 0.9 ppm
2nd	◨ 468 - 573 "	◆ 48 - 59 "	▼ 0.8 - 0.9 "
3rd	◫ 363 - 467 "	◇ 38 - 47 "	▽ 0.6 - 0.7 "
4th	□ < 363 "		

Number of Samples	224	371	595
Mean of Background Population	15.3	17.8	0.2
Standard Deviation of Background Population	10.5	10.3	0.18

m. 100 0 100 200 300 400 500 metres

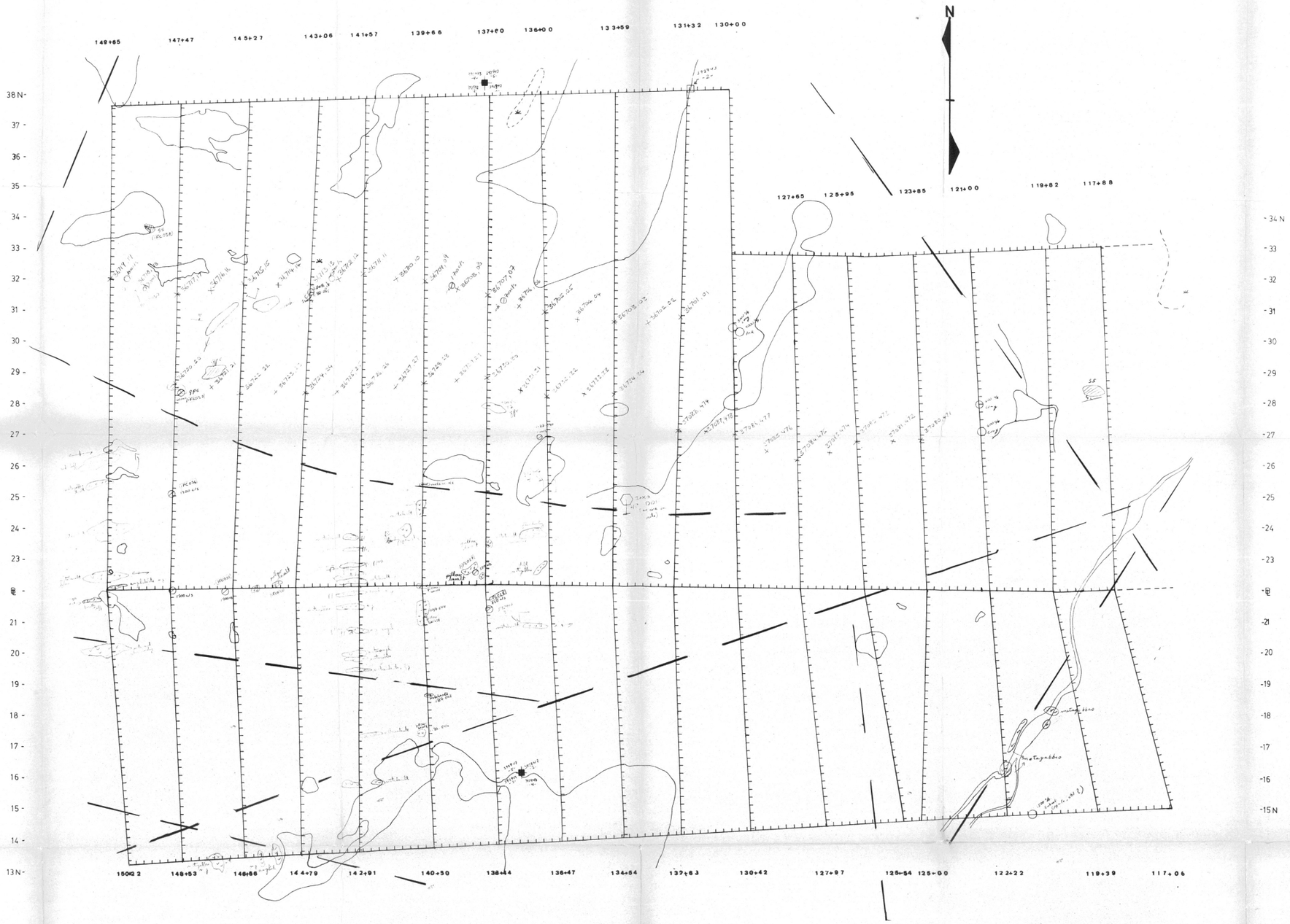
URANERZ EXPLORATION AND MINING LIMITED

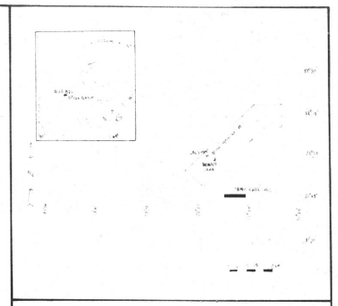
PROJECT NO. 71-85, Bea. Zor./Otish West.

Temis River Area (L.118 W. to L.150 W.)

GEOCHEMICAL SURVEY RESULTS

COMP.: G.L.	DATE: 09/1981	REP./RAP. No.	MAP/CARTE No.
DRAWN/DESS.: Y.B.	DATE: 11/1981		
REVISION:		SCALE/ECH.: 1:5000	PROJ. No.: 71-85
T.C. TO BOWN	N.T.S. REF.: 32 P/16		FILE/DOSS. No.: 643





REGION DE LA RIVIERE

TEMIS

L118 W ~ L150 W

LEGEND

INDICATOR FM. OUTCROP

qpc.	quartz, pebble conglomerate.
subark.	subarkose.
ark.	arkose.
ss.	sandstone.
	METAVOLCANIC – massive to flow banded
	METAVOLCANIC – tuffaceous.
chl. pyrrh.	chlorite, pyrrhotite.
mt. py	magnetite, pyrite.
	AIR PHOTO LINEAMENT
	BEDDING (strike, dip)
	FOLIATION (vertical, inclined)
	JOINTS, FRACTURES (vertical, inclined)
2500 cfs	Anomalous boulder, high counts along fracture (in Site SPFE-NF County
	Anomalous boulder, high counts ass. with entire boulder.
Th	Thorium Source
U	Uranium Source
	EDA SPECTROMETER FIELD CHECK
	CLAIM POST
	GEOCHEMICAL SURVEY
X 415	Sample site, Sample number (Helium, Soil)
X 36725, 26	Sample site, Sample number (Track Etch, Soil)

100 50 0 100 200 300 400 500

ECHELLE 1:5000

DATE AVRIL 81

REF NTS 32P/16

URANERZ EXPLORATION AND MINING LIMITED

PROJECT NO. 71-85, Bea. Zor./Otish West.

Temis River Area (L.118 W. to L.150 W.)

GEOLOGY & GEOCHEMISTRY

COMP.: Z.M.	DATE: 07/81	REP./RAP. No.	MAP/CARTE No. 532
DRAWN/DESS: "	DATE: "		
REVISION:		SCALE/ECH.: 1:5000	PROJ. No. 71-85
T.C. TO RONN	N.T.S. REF.: 32 P/16		FILE/DOSS. No.

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Service du Potentiel minéral

DATE: 6 AVR. 1982

No G.M.: 38322