

GEOCHEMICAL SURVEY AND
PERCUSSION DRILLING PROJECT,
PATRICIA - LAKE - SHORE - CARI 1 Fr - JAN 1-3 GROUP
GREENWOOD MINING DIVISION,
BRITISH COLUMBIA

Claims: Patricia (234), Lake (807), Shore (804),
Cari 1 Fr. (1396, Jan 1-3 (848, 849, 850)

Location: Lassie Lake Area, 24.5 km northeast of Beaverdell,
British Columbia

Latitude: 49°36'N

Longitude: 118°55'W

Owner and Operator: Norcen Energy Resources Limited

Dates Worked: August 25, 1979 to September 27, 1979
May 25, 1979 to June 30, 1979

February 11, 1980

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7822
NO.
part 3
of 3

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R. Cann

TABLE OF CONTENTS

<u>SECTION</u>	<u>DESCRIPTION</u>
1	Introduction
2	Location and Access
3	Physiography
4	Economic Considerations
5	Ownership and Claim Status
6	Previous Exploration on the Blizzard Property
7	Geology and Mineralization
8	The 1979 Exploration Program
9	Itemized Cost Statement
10	Statement of Qualifications
11	Appendix

LIST OF MAPS

- Map 1 Land Status, Beaverdell Area, British Columbia
Scale 1:50 000
- Map 2 Geological Compilation, Blizzard Property,
Scale 1:5 000
- Map 3 Radon Survey - South Blizzard Grid
- Map 4 Soil Survey - South Blizzard Grid
- Map 5 Drill Hole Location Map

1. Introduction

The Patricia, Lake, Shore, Cari l Fraction and Jan 1-3 claims form part of the Blizzard Special Project area (The Blizzard Property) which is being explored by a joint venture consisting of Norcen Energy Resources Limited (Manager-Operator), Campbell Chibougamau Mines Limited, E & B Explorations Ltd., Ontario Hydro and Lacana Mining Corporation.

2. Location and Access

The Blizzard Property is situated 53 kilometres southeast of Kelowna, south-central British Columbia (NTS: 82E/10W) at longitude 118°54'W, latitude 49°37'N (Figure 1).

Access to the property from Kelowna is south via Highway 33 to the Trapping Creek logging road and then north along the Trapping Creek, Copperkettle and Lassie Lake forestry roads. Distance by this route is approximately 80 km. An alternate route from Highway 33 is via the Big White resort road and then south along the Big White - Trapping Creek Link Road to Trapping Creek. The property can also be reached from the south via the Beaver Creek Road, which runs between Beaverdell and Christian Valley, and connects with the Lassie Lake Road (Figure 2).

3. Physiography

Physiographically, the Blizzard Property is located near the eastern boundary of the Okanagan Highland division of the Interior Plateau. Topography within this region is generally gently rolling except for local steep cliffs formed by the Plateau basalts, such as a cap the Blizzard deposit. The plateau is deeply incized by major stream and river valleys. Highest elevation on the property is about 1430 metres, with relief approximately 150 metres.

Almost 75 percent of the property has been logged but several blocks of ground have been reseeded by the British Columbia Forest Service. No land within the property is privately owned; although timber rights on Tree Farm License 8 covering about 30 percent of the property are held by Pope and Talbot Ltd. of Midway. Any cutting within this license must be approved by Pope and Talbot and carried out under the supervision of the British Columbia Forest Service in Beaverdell.

4. Economic Considerations

Beaverdell, with a population of almost 400, is the closest supply centre to the property and is located 12 km south of the Trapping Creek road junction on Highway 33 (Figure 2). The majority of Beaverdell's working inhabitants are employed either at Teck Corporations Highland - Bell silver mine or at Pope and Talbot's logging operation.

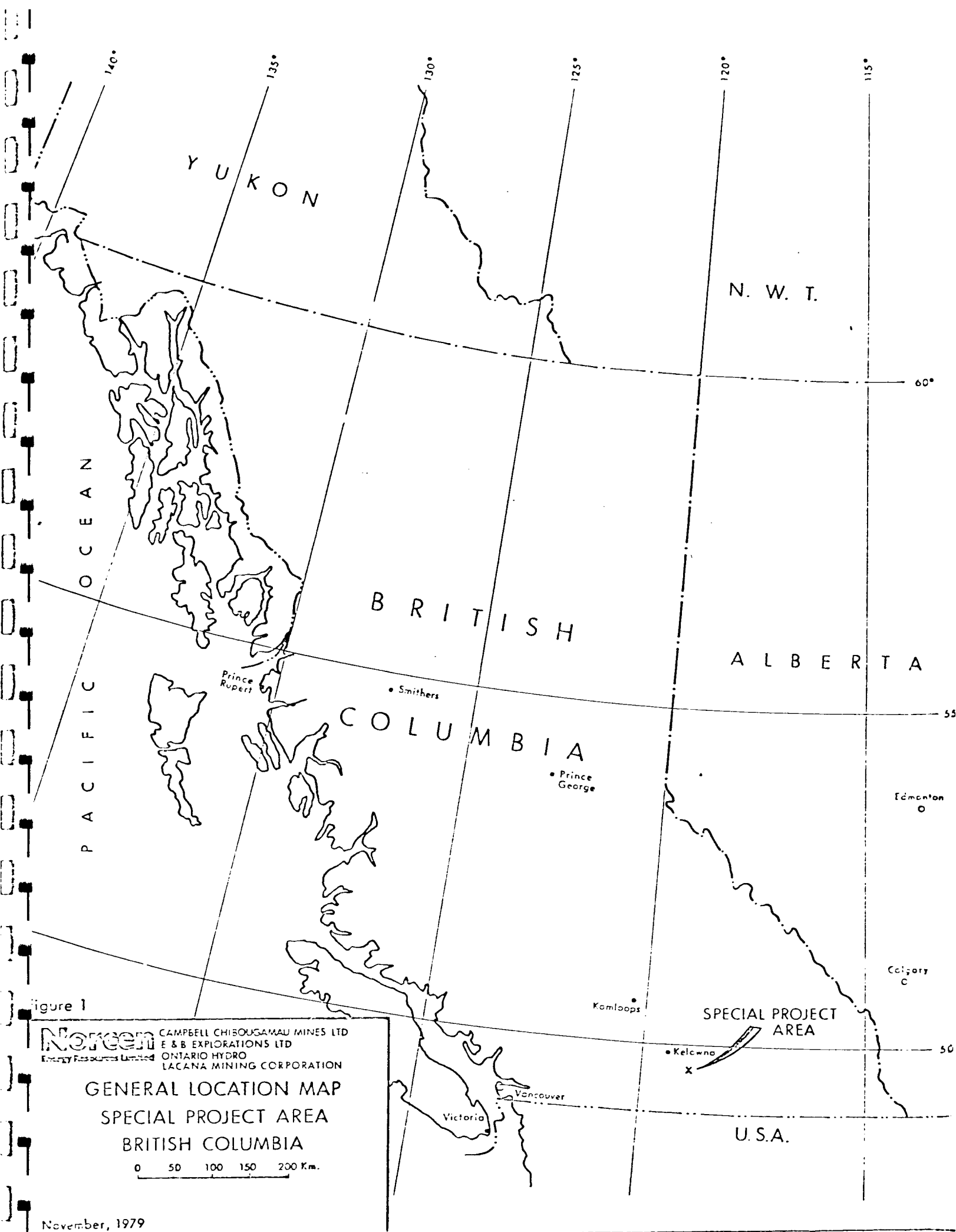
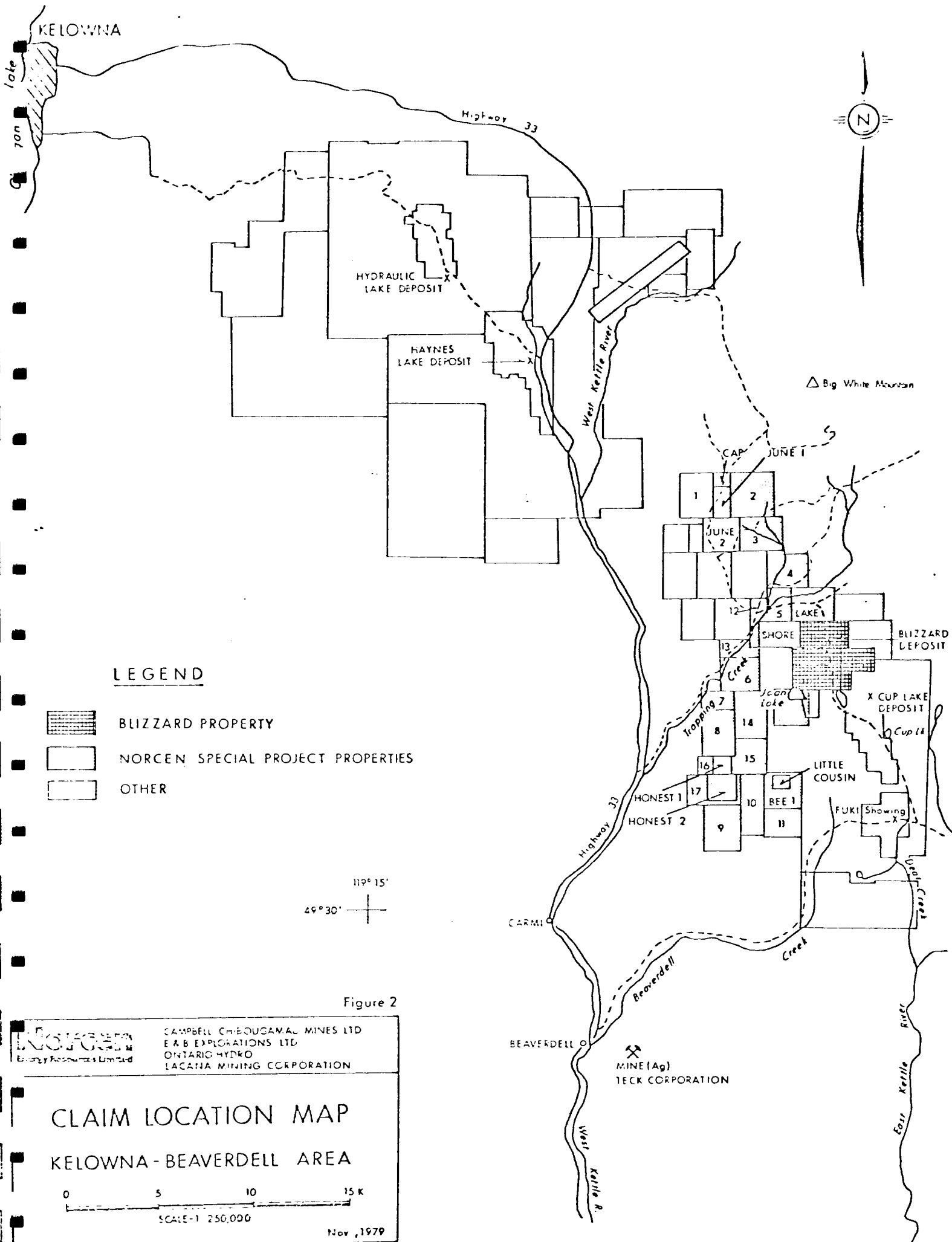


Figure 1




Northern Energy Resources Limited
 CAMPBELL CHISOUSAMAU MINES LTD
 E & B EXPLORATIONS LTD
 ONTARIO HYDRO
 LACANA MINING CORPORATION

**GENERAL LOCATION MAP
 SPECIAL PROJECT AREA
 BRITISH COLUMBIA**

0 50 100 150 200 Km.



LEGEND

-  BLIZZARD PROPERTY
-  NORCEN SPECIAL PROJECT PROPERTIES
-  OTHER

119° 15'
49° 30'

Figure 2

NOFORGE
Energy Resources Limited

CAMPBELL CHEBOUCAMAL MINES LTD
E & B EXPLORATIONS LTD
ONTARIO HYDRO
LACANA MINING CORPORATION

**CLAIM LOCATION MAP
KELOWNA - BEAVERDELL AREA**

0 5 10 15 K
SCALE - 1:250,000

Nov, 1979

MINE (Ag)
TECK CORPORATION

Until recently, Beaverdell was serviced by the Canadian Pacific Railway running between Penticton and Rock Creek. This section of the railway is now abandoned and the town is now serviced by truck. The B.C. Forest Service maintains a gravel airstrip just north of Beaverdell.

Kelowna is serviced by regularly scheduled Pacific Western flights from Vancouver and Calgary. A Canadian Pacific - Canadian National railway spur line connects Kelowna with the main CPR tracks at Vernon, 45 km to the north.

5. Ownership and Claim Status

In early February 1976 Lacana Mining Corporation staked the Blizzard (20 units), Patricia (10 units), and Moraig (15 units). These claims, together with the Beverly claim (18 units) staked in June 1976, form the Blizzard property. Norcen optioned the Blizzard property from Lacana on December 10, 1976. The claims were legally transferred under the Bill of Sale statement dated September 15, 1977.

In 1977 the Jan 1-3 claims were staked to cover a fraction between the Patricia and Beverly claims. In 1978 a legal survey of the claims discovered two more fractions which were covered by the Sharon and Cari fractional claims.

Current claim status is shown in Table 1 and claim locations shown on Map 1.

6. Previous Exploration on the Blizzard Property

The Blizzard Property was staked in February and June 1976 to cover a favourable geological trend northwest of the Donen mineral claims which cover the Cup Lake deposit. Discovery in June, 1976 of Miocene basalt, similar to that overlying the Cup Lake deposit resulted in a program of gridding, geological mapping, scintillometer surveys, soil, water, silt and radon gas geochemical surveys. Anomalous stream water and sediment results were obtained from a seep southeast of the basalt cap. In July, Lacana drilled seven percussion holes totalling 421 metres across the cap, two of which intersected uranium mineralization. A further six percussion holes totalling 439 metres were drilled in October, of which three holes intersected significant uranium values.

Norcen Energy Resources Limited optioned the property from Lacana on December 10, 1976. In 1977 Norcen drilled 33 combined percussion and diamond drill holes totalling 2040 metres. The radiometric logs were used to calculate an inferred and indicated reserve estimate of 890 000 tonnes grading 0.088% U₃₀₈. During late 1977, nineteen rotary holes totalling 514 metres were drilled in overburden covered areas on the property. Seven of these holes drilled

to the northwest and southeast of the cap intersected significant uranium mineralization.

A major exploration program was conducted between March and December 1978. During this period 294 HQ diamond drill holes totalling 15 403 m and 46 rotary-percussion holes totalling 1 768 metres were drilled.

The most recent estimate of reserves based on engineering feasibility studies, is 2 208 000 tonnes containing 4 736 000 kilograms of U_3O_8 at an average grade of 0.2145% U_3O_8 .

TABLE 1. BLIZZARD CLAIM GROUP STATUS

<u>Claim Name</u>	<u>Record Number</u>	<u>Number of Units</u>	<u>Record Date</u>	<u>Expiry Date</u>
Blizzard	232	20	February 24, 1976	February 24, 1988
Beverly	377	18	June 11, 1976	June 11, 1988
Patricia	234	10	February 24, 1976	February 24, 1989
Moraig	233	15	February 24, 1976	February 24, 1989
Jan 1	848	1	August 22, 1977	August 22, 1990
Jan 2	849	1	August 22, 1977	August 22, 1990
Jan 3	850	1	August 22, 1977	August 22, 1990
Sharon fr.	1 397	—	September 28, 1978	September 28, 1989
Cari fr.	1 396	--	September 28, 1978	September 28, 1989
Lake	807	20	June 21, 1977	June 21, 1980
Shore	804	6	June 21, 1977	June 21, 1980

7. Geology and Mineralization

Regional Geology

Regional geology, shown in Figure 3, is compiled mainly from work by Christopher (1978) with additions from Little (1957) and Okulitch (1979).

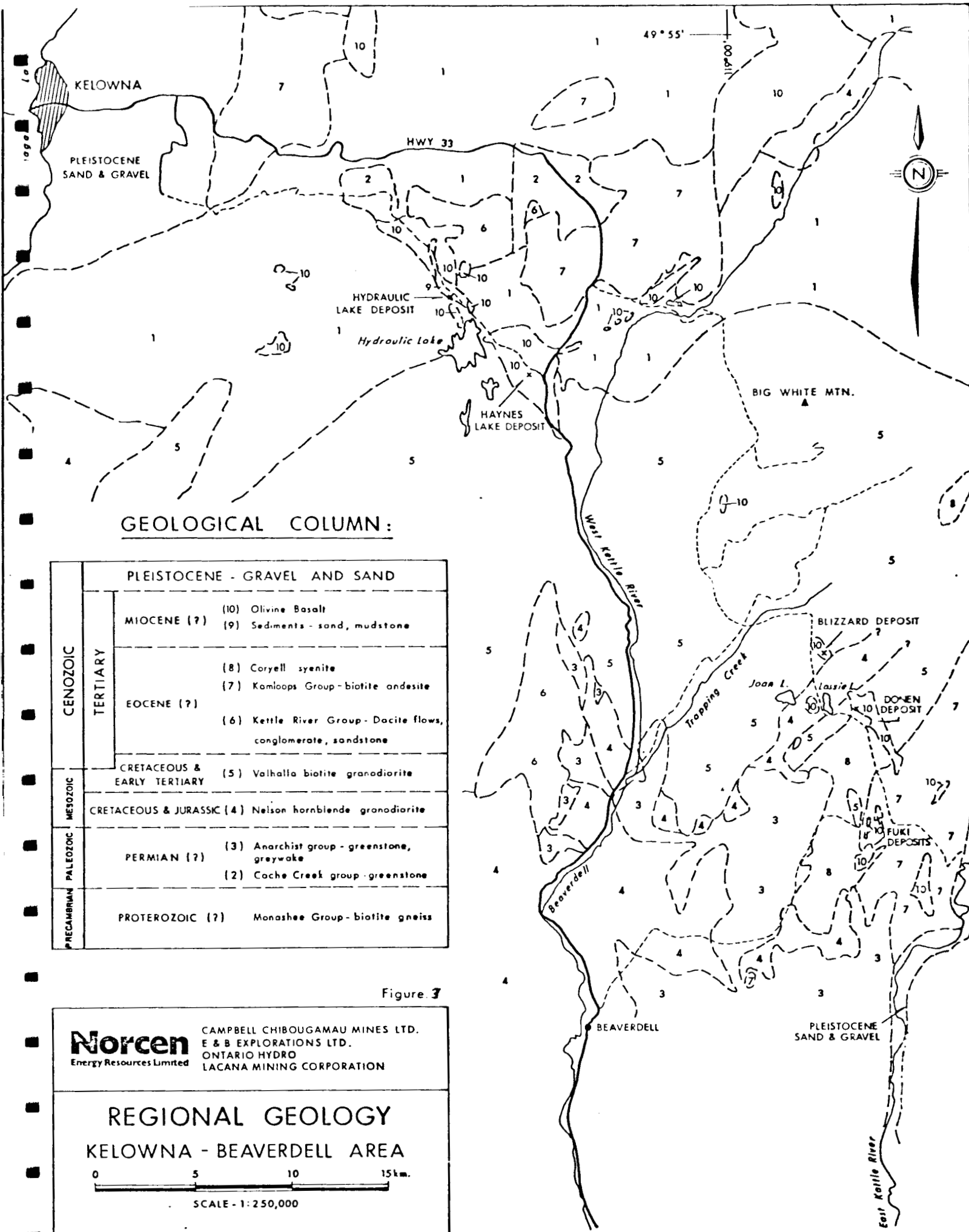
Oldest rocks in the area are Proterozoic Monashee biotite gneisses (Unit 1). The Permian (?) Cache Creek Group (Unit 2) is composed mainly of greenstone in this map area. Meta-volcanic and metasedimentary rocks of Permian (?) age form the Anarchist Group (Unit 3). Low background readings of less than 2000 counts per minute are characteristic of this unit. Anarchist Group rocks commonly form pendants in Cretaceous and Early Tertiary Valhalla quartz monzonites and Jurassic or Cretaceous Nelson quartz diorite or granodiorite (Units 4 and 5).

Eocene Kettle River Formation (Unit 6) consists largely of dacitic and rhyolitic tuffs and flows within the area shown. Locally, conglomerate, sandstone and siltstone interfinger with the volcanic rocks. Siltstone beds within this unit occasionally display anomalous radioactivity. Overlying this formation are andesitic and trachytic rocks of the Kamloops Group (Unit 7). Trachytic rocks in this unit often have high background radioactivity. At least partly coeval with this group are Croyell syenites (Unit 8).

Uranium mineralization in this area occurs in loosely consolidated fluvial Miocene sediments (Unit 9) which have been protected from erosion by a capping of Miocene (?) or Pliocene (?) olivine basalt (Unit 10). Northwesterly trending channels are the only ones known to contain uranium mineralization at present and are probably fault controlled.

Geology of the Blizzard Property

Geology is shown on the geological compilation Map 2. Oldest rocks on the property are the Valhalla and Nelson plutonic rocks. Valhalla rocks are typically a light grey, porphyritic, medium to coarse grained biotite granodiorite. Nelson rocks consist of medium to coarse grained granitic rocks varying from quartz monzonite to quartz diorite in composition. These rocks are generally foliated and chloritized. Disseminated pyrite mineralization associated with strong chloritization has been observed locally.



GEOLOGICAL COLUMN:

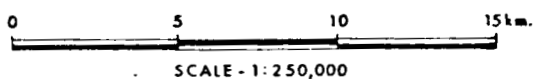
CENOZOIC	PLEISTOCENE - GRAVEL AND SAND	
	MIOCENE (?)	(10) Olivine Basalt
		(9) Sediments - sand, mudstone
	EOCENE (?)	(8) Coryell syenite
		(7) Kamloops Group - biotite andesite
		(6) Kettle River Group - Dacite flows, conglomerate, sandstone
		(5) Valhalla biotite granodiorite
	CRETACEOUS & EARLY TERTIARY	(4) Nelson hornblende granodiorite
	CRETACEOUS & JURASSIC	(3) Anarchist group - greenstone, greywacke
PERMIAN (?)	(2) Cache Creek group - greenstone	
PROTEROZOIC (?)	Monashee Group - biotite gneiss	

Figure 3

Norcen
Energy Resources Limited

CAMPBELL CHIBOUGAMAU MINES LTD.
E & B EXPLORATIONS LTD.
ONTARIO HYDRO
LACANA MINING CORPORATION

**REGIONAL GEOLOGY
KELOWNA - BEAVERDELL AREA**



Overlying these fluvial sediments for 1200 metres is an ellipsoidal cap of olivine Miocene basalt. Uranium mineralization locally occurs in highly altered vesicular basalt at the sediment basalt unconformity. In the northwest corner of the deposit a mushroom shaped diatreme intrudes the basement rock, Miocene sediments and the lower part of the basalt cap. The diatreme consists of fragments of granitic, dacitic, and basaltic rocks in a tuffaceous, silty, clayey or sandy matrix. Significant intersections of uranium mineralization occur in the diatreme.

Uranium Mineralization

Uranium in loosely consolidated Miocene sediments occurs mainly as the minerals meta-autunite and saleeite. In mudstone uranium probably occurs as organic-uranium complexes. Within clean sandstone meta-autunite and saleeite occur as individual crystals and crystal aggregates and as surface coatings on limonite concretions. Fine grains of meta-autunite and saleeite occur in carbonaceous sandstones. Within the diatreme uranium occurs as meta-autunite, saleeite and in a dark sooty mineral.

The Blizzard deposit, as delineated by drilling in 1978, has a strike length of 1470 metres extending from 3630N to 2160N. This years drilling has indicated a low grade, narrow extension further south. Mineralization has been traced for 100 metres from 1860N to 1950N, however, the mineralization has a potential for continuing a further 150 metres north to 2070N. Width of the mineralized zone appears to be less than 60 metres and thickness varies from 1.5 to 4.6 metres. Estimated reserves (using an average specific gravity for the sediments of 2.25) in the area between 1860N and 1950N are 18440 tonnes grading 0.04% U_3O_8 (7.9 tonnes or 16100 lbs U_3O_8). Within this zone mineralization occurs within clean arkosic sandstone. The only mineral identified in drill cuttings was autunite.

Intruding these plutonic rocks are a number of dykes which have been classified as felsic, intermediate and mafic. Buff weathering, dacitic felsic dykes are common in the west half of the Beverly and Patricia claims where they generally trend at 30 degrees. Intermediate, medium grey dykes consist of biotite and hornblende phenocrysts in a microcrystalline groundmass. Dark grey, mafic dykes are composed of plagioclase phenocrysts and clots of hornblende and biotite in a fine-grained matrix.

Near the southern boundary of an intermediate dyke a poorly exposed body of amphibolite occurs. This occurrence in the northeast section of the Moraig claims is the only known exposure on the property.

Near the southern boundary of an intermediate dyke a poorly exposed body of amphibolite occurs. This occurrence in the northeast section of the Moraig claim is the only known exposure on the property.

Feldspar, quartz, biotite, muscovite pegmatites are common in Valhalla rocks in the northeast section of the Beverly claim and underlying the ore zone.

Unconformably overlying these Cretaceous basement rocks, and occupying a sinusoidal paleochannel eroded into the basement, is a sequence of loosely consolidated Miocene sediments. These sediments host the bulk of the uranium mineralization discovered to date. This channel has an average slope of 1.5 degrees southeast. The length of the channel is approximately 1900 metres and the width ranges from 80 metres at the south end to 450 metres toward the centre. Sedimentary rocks in the channel can be divided into five lithofacies: conglomerate, clean sandstone, carbonaceous sandstone, sandstone-mudstone, and carbonaceous mudstone.

The sandstones and conglomerates are immature and appear to be locally derived from underlying granitic rocks and are of similar composition. Highest grade uranium mineralization occurs in the clean sandstones, probably because of the high porosity of this unit. Grey carbonaceous sandstones often occur interbedded with grey or brown carbonaceous mudstone. Where thinly interbedded the unit is called sandstone-mudstone.

8. 1979 Exploration Program

The 1979 exploration program on the Patricia - Lake - Shore-Cari 1 Fraction - Jan 1-3 claim group was carried out intermittently between May 26 and September 12, 1979, and consisted of surveying, radon surveys, soil geochemical surveys and percussion drilling.

The original baseline of the survey grid, which was established over the Blizzard deposit in 1978 was extended 150 metres to the northwest and 1020 metres to the southeast. These grid extensions are referred to as the north Blizzard grid and the south Blizzard grid (See Map 2). The surveying was carried out by McWilliam, Whyte, Goble and Associates, British Columbia Land Surveyors from Kamloops, B.C. Surveyed crosslines were marked at 300 metre spacing along the baseline. All intermediate crosslines were established by hip-chain and compass. On the south Blizzard Grid which straddles the Blizzard - Patricia claim boundaries, soil samples were collected along the crosslines at 60 metre intervals and radon in soils were measured every 30 metres (See Map 3) using an EDA Instruments Inc. portable radon detector model RD 200.

This instrument detects radon by counting alpha particles emitted during the disintegration of Radon 222 to Polonium 218. Atmospheric background readings of one minute interval and soil gas readings of five minute interval were taken at each station. Soil gas samples were obtained by driving a metal rod approximately 50 cm into the soil and then inserting a 30 cm steel probe into the hole made by the rod. This was then sealed with a rubber plug and gas pumped from the hole into the detector. Radon gas measurements in counts per minute were obtained by subtracting the background readings from one-fifth the soil gas reading. A total of 46 soil samples (See Map 4) were collected from the B Horizon (where present) and sent to Loring Laboratories Limited in Calgary. The analytical method and assay certificates are compiled in the Appendix. One Hundred and forty nine radon readings were measured.

A 35 hole percussion drilling program totalling 501.29 metres carried out between August 17 and September 13 on the Patricia claim portion of the south Blizzard grid.

Drilling was done by Tonto Drilling Ltd. of Kamloops, B.C. using a truck mounted Atlas - Copco drill which drilled 5 cm (2 inch) holes. Holes were drilled using air unless water was encountered when drilling, as was generally the case when drilling thick overburden or Miocene sediments, in which case when drilling thick overburden or Miocene sediments, in which case water was used. Cuttings were collected in continuous 1.5 m (5 feet) intervals and placed in plastic sample bags by the drillers. These were visually examined

and scanned with a McPhar TV-1A spectrometer by the geologist as collected at the drill site. A second examination using a binocular microscope was conducted where further detail was required. Representative samples were taken from each 1.5 m sample and are stored at the Lassie Lake camp. Cuttings suspected of being Miocene sediments, those showing radioactivity greater than twice background, and those containing autunite were sent for uranium assay to Loring Laboratories Ltd., Calgary (analytical method and assay certificates are in the appendix. All holes were cemented after completion.

A summary of the results of the drilling program on the Blizzard claim are compiled in Table 2 and detailed logs are included in the appendix. The drill hole locations are shown on Map 5.

TABLE 2 PERCUSSION DRILL HOLE LOG SUMMARY

Hole Number (79-P-)	Overburden Contact (m)	Miocene Sediment Basement Contact (m)	Miocene Sediment Thickness (m)	Basement Elevation (m)	Total Depth (m)	Collar Elevation (m)	Collar Coord.
1	5.2	—	0	1325	28.95	1334.87	2046.49N, 282.39W
2	—	5.5	5.5	1315.5	12.19	1319.59	2037.72N, 210.83W
3	4.6	12.8	8.2	1309	18.29	1321.37	2039.85N, 125.41W
4	4.6	7.6	3.0	1308.5	12.19	1315.80	2034.83N, 56.67W
5	3.0	—	0	1311	12.19	1313.57	2037.17N, 2.79W
6	1.5	—	0	1308.5	13.72	1310.00	2042.55N, 62.05E
7	1.5	—	0	1304.5	12.19	1305.94	2040.30N, 114.80E
8	1.5	—	0	1299.5	18.29	1300.90	2041.57N, 179.75E
9	4.6	—	0	1289.5	12.19	1293.28	1919.54N, 180.85E
10	3.0	—	0	1293	18.29	1299.12	1921.37N, 117.33E
11	1.5	—	0	1299.5	12.19	1300.12	1919.16N, 58.42E
12	1.5	—	0	1303.5	12.19	1304.82	1920.44N, 2.09W
13	2.1	—	0	1306	12.19	1307.14	1921.48N, 62.22W
14	—	8.2	8.2	1301	15.20	1309.03	1925.77N, 122.24W
15	6.1	—	0	1302	12.19	1308.98	1925.26N, 180.12W
16	4.6	21.3	16.7	1296.5	27.43	1316.72	1915.99N, 239.80W
17	0.3	—	0	1321.5	9.14	1321.42	1911.44N, 309.19W
18	3.4	—	0	1305.5	9.14	1309.08	1744.49N, 462.24W
19	1.8	—	0	1302	9.14	1303.38	1744.45N, 392.91W
20	4.0	—	0	1296	9.14	1299.20	1737.76N, 335.35W
21	4.6	—	0	1292.5	12.19	1296.36	1744.68N, 273.22W
22	3.7	—	0	1289.5	12.19	1293.58	1745.09N, 275.40W
23	3.7	—	0	1288.5	12.19	1291.84	1746.81N, 157.06W
24	1.8	—	0	1291	12.19	1292.73	1571.75N, 311.14W
25	3.4	—	0	1292.5	10.67	1295.89	1570.18N, 364.89W
26	4.3	—	0	1293.5	12.19	1297.93	1571.15N, 422.03W
27	1.5	—	0	1300.5	10.67	1303.30	1564.67N, 492.52W
28	0.9	—	0	1305	9.14	1305.45	1562.88N, 544.04W
29	6.1	—	0	1301	12.19	1305.23	1561.74N, 604.35W
30	25.9	—	—	1304	45.72	1326.93	—
31	24.4	—	—	1306.5	33.53	1329.86	—
32	38.1	—	—	1299	48.77	1334.05	—
33	7.0	—	—	1338	15.24	1338.86	—
34	9.1	—	—	1336	18.29	1338.78	—
35	7.6	—	—	1337.5	12.19	1338.96	—

TABLE 2 Continued

Hole Number (79-P-)	Overburden Contact (m)	Miocene Sediment Basement Contact (m)	Miocene Sediment Thickness (m)	Basement Elevation (m)	Total Depth (m)	Collar Elevation (m)	Collar Coord.
36	27.4	—	—	1327.5	36.57	1340.04	Joan Lake Road drill holes
37	35.1	—	—	1310	51.81	1339.47	
38	29.0	—	—	1316	39.62	1339.38	
39	35.1	—	—	1310	54.86	1337.42	
40	0	—	—	1343	9.14	1337.03	
41	4.6	—	—	1335.5	12.19	1334.31	
42	39.6	—	—	1303.5	48.77	1335.96	
43	12.8	—	—	1327	21.33	1334.19	
44	10.1	—	—	1330	18.29	1333.07	
45	1.5	6.7	5.2	1310.5	18.29	1317.48	
46	8.5	19.8	11.3	1294	30.48	1313.92	1916.89N, 258.53W
47	2.4	4.9	2.5	1302	13.72	1306.73	1881.65N, 240.89W
48	4.6	7.6	3.0	1298.5	15.24	1306.01	1838.56N, 245.20W
49	3.0	12.8	9.8	1307	21.33	1320.31	1824.87N, 267.73W
50	1.8	6.4	4.6	1304.5	12.19	1311.69	1945.81N, 242.41W
51	3.0	—	0	1308	7.62	1312.01	1914.01N, 215.68W
52	1.5	4.6	3.1	1303.5	10.67	1306.54	1845.02N, 304.19W
53	0	—	0	1306	6.10	1305.26	1857.25N, 215.86W
54	3.7	—	0	1299.5	9.14	1301.75	1751.28N, 425.37W
55	2.7	—	0	1295.5	9.14	1297.77	1743.73N, 364.10W
56	1.5	—	0	1292.5	9.14	1294.65	1740.84N, 303.10W
57	4.6	—	0	1288.5	9.14	1293	1746.59N, 242.91W
58	1.5	—	0	1290.5	9.14	1291.46	1760N, 180W
59	5.2	—	0	1284	9.14	1288.00	1748.35N, 120.19W
60	5.5	—	0	1283.5	9.14	1287.99	1564.13N, 46.75W
61	3.7	—	0	1285.5	8.53	1288.08	1602.14N, 51.60W
62	1.5	6.1	4.6	1284	21.33	1289.75	1653.16N, 65.30W
63	1.5	6.1	4.6	1285	12.19	1290.47	1740.17N, 0.40W
64	2.4	3.4	1.0	1289.5	9.14	1291.57	1740.19N, 30.71W
65	1.5	—	0	1290.5	9.14	1292.03	1742.35N, 61.09W
66	3.0	—	0	1287	9.14	1289.05	1742.15N, 91.09W
67	0	4.6	4.6	1285.5	12.19	1288.92	1737.51N, 63.66E
68	4.3	13.1	8.8	1300	21.33	1311.49	1735.63N, 29.87E
69	2.1	16.8	14.7	1296	21.33	1312.67	1886.18N, 210.06W
							1953.11N, 210.76W

TABLE 2 Continued

Hole Number (79-P-)	Overburden Contact (m)	Miocene Sediment Basement Contact (m)	Miocene Sediment Thickness (m)	Basement Elevation (m)	Total Depth (m)	Collar Elevation (m)	Collar Coord.
70	10.7	—	0	1280.5	16.76	1289.55	1093.80N, 303.64W
71	3.7	—	0	1303.5	12.19	1306.21	1920.44N, 30.78W
72	1.5	—	0	1306.5	9.14	1308.38	1923.71N, 91.41W
73	4.6	—	0	1305.5	12.19	1309.98	1920.72N, 154.92W
74	1.5	3.0	1.5	1299	9.14	1303.17	1840.83N, 211.59W
75	10.7	22.9	12.2	1279	27.43	1302.49	1841.65N, 180.42W
76	1.5	3.0	1.5	1296	12.19	1300.04	1837.73N, 151.70W
77	9.1	—	0	1290	21.33	1299.56	1836.56N, 121.96W
78	0	—	0	1300	6.10	1300.01	1834.39N, 87.79W
79	0	—	0	1300	9.14	1299.16	1833.93N, 60.60W
80	2.1	—	0	1297	9.14	1298.42	1832.44N, 34.87W
81	6.1	—	0	1292	15.24	1297.50	1829.67N, 0.45W
82	1.5	—	0	1293.5	6.10	1296.08	1307.74N, 786.75W
83	3.4	—	0	1301.5	7.62	1303.62	1375.80N, 809.77W
84	9.1	—	0	1311	15.24	1318.35	1420.77N, 967.61W
85	3.7	—	0	1301.5	9.14	1305.70	1220.64N, 1177.44W
86	2.7	—	0	1307.5	6.10	1305.80	1286.82N, 1070.96

9. Itemized Cost Statement

A. Personnel

Name	Dates	Number of Days	Rate/ Day \$	Cost \$
R. Cann, Geologist logging drill chips, report writing	Aug. 25 - 27 Sept. 13 Sept. 2, 9, 11, 12 Oct. 1, 2	9	100	900
D. Shearer - geological assistant, geochemical survey	May 25 - June 3	10	60	600
T. Turner - Exploration Supervisor, report preparation	Feb. 11, 12	2	175	350

Total Man Days = 21
Total Cost = 1 850

B. Accomodation & Meals

\$20/man/day for a total of 19 man days 380

C. Transportation

4 X 4 Crew Cab rented from Avis in Kelowna
10 days @\$50 per day 500

D. Geochemical Analyses by Loring Labs Ltd. in Calgary
46 samples @\$5 per sample 230

E. Drill Site Preparation

Contracted to Olinger Contracting of Kelowna
Cat costs \$45 per hour for 20 hours 1 350

F. Surveying

Contracted to McWilliam, Whyte, Goble and Associates
of Kamloops 725

G. Drilling Costs

Contracted to Tonto Drilling Group
(Thirty-Two Albert Crescent Limited)
542.52 metres @ \$15.80/metre 7 920

H. Equipment Rentals

Radon Unit \$20/day for 10 days 200
TV-1A spectrometer \$7.00/day for 10 days 70

Total Expenditures on claims during 1979 \$13 225

10.

STATEMENT OF QUALIFICATIONS

I, Arthur Terry Turner of the City of Calgary, in the Province of Alberta, do hereby state:

1. I am a graduate of the University of Alberta, Edmonton, with a B.Sc. in Geology, obtained 1969.
2. I have been continuously employed as a geologist in all phases of mineral exploration since my graduation in 1969.
3. I have been involved in mineral exploration in Canada and Australia since 1969.
4. I have been employed by Norcen Energy Resources Limited, Calgary, Alberta, as a geologist since February 1, 1977.
5. I am a registered member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.
6. I prepared this assessment report from information obtained from the Yearend Geological Report, 1979 Drilling and Exploration Program, Blizzard Special Project Properties, British Columbia by R. Cann and D. A. Sawyer dated November, 1979.


Arthur Terry Turner

February 11, 1979

APPENDIX 1

SOIL SAMPLE DESCRIPTIONS, ANALYTICAL
METHOD, ASSAY CERTIFICATES

Table 4 SOIL SAMPLE DESCRIPTIONS

North Blizzard Grid

Sample Number	U ₃₀₈ ppm	Soil horizon sampled	Depth (cm)	Colour	Remarks
100	2.2	B	15	Light brown	Disturbed
101	5.2	B	20	Dark red-brown	Disturbed
102	4.0	B	15	Light brown	
103	4.0	B	15	Light brown	
104	1.6	B	15	Light brown	
105	1.3	B	15	Light brown	
106	1.8	B	15	Light brown	
107	1.6	B	20	Light brown	
108	14.3	B	15	Grey	
109	10.7	B	10	Light brown	Disturbed
110	4.0	B	20	Grey & brown	
111	1.6	B	15	Grey	
112	20.2	B	20	Grey	
113	1.5	B	10	Grey	
114	0.9	B	15	Red-brown	
115	4.6	B	15	Red-brown	
116	4.2	B	20	Grey	
117	9.5	B	15	Light brown	
118	2.4	B	15	Grey	
119	2.0	B	25	Grey	
120	5.9	B	10	Brown	Disturbed
121	2.2	B	10	Light brown	
122	10.3	B	15	Grey	
123	2.5	B	20	Grey	
124	2.2	B	10	Light brown	
125	2.0	B	10	Light brown	
126	5.7	B	5	Light brown	Disturbed
127	340.0	A	30	Dark brown	
128	2.9	B	15	Grey	
129	2.9	B	15	Grey	
130	7.1	B	15	Grey	
131	18.4	B	15	Grey	
132	10.3	B	20	Grey	
133	11.3	B	15	Red-brown	
134	4.0	B	15	Red-brown	
135	5.9	B	10	Red-brown	Old road
136	4.0	B	15	Grey	
137	7.1	B	20	Grey	

Table 4 Continued

North Blizzard Grid

<u>Sample Number</u>	<u>U₃O₈ ppm</u>	<u>Soil horizon sampled</u>	<u>Depth (cm)</u>	<u>Colour</u>	<u>Remarks</u>
138	5.0	B	20	Red-brown	
139	16.5	B	15	Grey	
140	29.1	B	25	Red-brown	
141	3.1	B	30	Grey	
142	—	B	25	Red-brown	
143	9.0	B	25	Grey	
144	1.6	B	25	Red-brown	

South Blizzard Grid

145	2.0	B	25	Brown	Road-side
146	1.6	B	25	Light brown	
147	1.3	B	25	Gold	
148	1.1	B	25	Gold	
149	1.1	B	25	Brown	
150	3.8	B	25	Grey	
151	1.8	B	25	Red-brown	
152	0.2	B	15	Red-brown	Disturbed
153	0.2	B	25	Brown-grey	
154	0.4	B	25	Grey	
155	1.3	B	25	Grey	
156	0.7	B	15	Light brown-grey	Near cat work
157	1.8	B	30	Grey	Edge of creek
158	0.7	B	25	Gold-brown	
159	1.3	B	25	Grey	
160	0.4	B	30	Dark grey	
161	1.1	B	25	Red-brown	
162	1.8	B	15	Light red-brown	
163	1.1	B	25	Grey	
164	2.0	B	25	Brown	
165	1.6	B	25	Red-brown	
2163	1.6	B	25	Gold	
166	0.7	B	25	Brown-grey	
167	0.4	B	25	Gold	
168	2.9	B	25	Light brown	
169	0.9	B	25	Red-brown	
170	0.9	B	25	Gold	
171	0.7	B	25	Gold	

Table 4 Continued

South Blizzard Grid

Sample Number	U ₃₀₈ ppm	Soil horizon sampled	Depth (cm)	Colour	Remarks
172	3.8	B	25	Gold	
173	2.7	B	25	Grey	
174	1.6	B	25	Gold	
175	2.2	B	25	Gold	
176	4.5	B	25	Grey	
177	13.0	B	27	Grey	
178	6.3	B	25	Grey	Rocky
179	2.2	B	25	Grey	
180	2.4	B	25	Grey	
181	2.7	B	25	Gold	
182	2.7	B	10	Light brown	Swampy
183	8.6	B	25	Gold	
184	0.8	B	25	Gold	
185	0.4	B	25	Gold	
186	9.6	B	30	Grey	
187	2.9	B	25	Gold	
188	0.4	B	25	Red-brown	
189	1.0	B	25	Gold	
190	5.9	B	25	Gold	
191	5.9	B	25	Brown	
192	2.2	B	25	Gold	
193	2.2	B	25	Brown	Edge of road
194	11.2	A	25	Dark brown	Swampy
195	10.8	A	25	Black	Swampy
196	42.0	A	25	Black	Swampy
197	2.9	B	25	Gold	Edge of road
198	1.4	B	25	Gold	Disturbed
199	0.2	B	25	Gold	Disturbed
200	0	B	25	Gold-green	Disturbed
201	9.2	B	25	Gold-green	
202	3.3	B	25	Gold-grey	
203	4.9	B	25	Light brown	
204	1.6	B	25	Light brown	
205	4.3	B	25	Red-brown	
206	1.6	B	25	Red-brown	Disturbed
207	5.1	B	25	Light brown	
208	4.7	B	25	Light brown	
209	2.7	B	25	Gold	
210	0.8	B	25	Gold	

Table 4 Continued

South Blizzard Grid

Sample Number	U ₃ O ₈ ppm	Soil horizon sampled	Depth (cm)	Colour	Remarks
211	0.4	B	20	Gold	
212	1.2	B	20	Gold	
213	14.7	A	25	Black	
214	1.8	B	20	Grey	
215	1.0	B	25	Gold	
216	2.4	B	25	Gold	
217	5.0	B	20	Red-brown	
218	4.6	B	25	Red-brown	
219	0.9	B	25	Red-brown	
220	1.3	B	25	Light brown	
221	0.7	B	25	Gold	
222	0.4	B	25	Gold	
223	1.6	B	25	Gold	Below seep
224	0.7	B	25	Gold, grey	
225	3.1	B	25	Grey, black	
226	2.9	B	25	Red-brown	
227	1.3	B	25	Red-brown	
228	0.9	B	25	Gold	
229	2.2	B	25	Red-brown	
230	1.1	B	25	Gold	
231	0.7	B	25	Gold	
232	38.0	A	25	Black	Boggy
233	—	B	25	Gold	
234	1.6	B	25	Gold	
235	1.1	B	25	Light brown	
236	5.9	B	25	Light brown	
237	4.2	B	25	Light brown	
238	4.2	B	25	Gold	
239	2.4	B	25	Grey	
240	7.0	B	25	Grey	
241	8.6				
242	56.9				
243	17.8	A	25	Black	
244	1.5	B	25	Gold	
245	4.2	B	25	Gold	
246	2.4	B	25	Gold	
247	2.9	B		Gold	
248	5.1	B		Gold	
249	2.9	B	25	Gold	

Table 4 Continued

South Blizzard Grid

Sample Number	U ₃₀₈ ppm	Soil horizon sampled	Depth (cm)	Colour	Remarks
250	3.5	B	25	Gold	Near ditch
251	2.0	B	25	Grey	
252	1.5	B	25	Grey	
253	1.5	B	25	Gold	
254	2.0	B	25	Light brown	Beside swamp
255	3.7	B	30	Light brown	
256	2.0	B	25	Gold	
257	9.0	B	25	Light brown	
258	3.7	B	25	Gold	
259	1.1	B	25	Gold	
260	1.5	B	12	Gold	
600	0.8	B	20	Gold	
601	1.4	B	25	Gold	
602	2.0	B	25	Gold	
603	0.8	B	25	Gold	
604	0.8	B	10	Light brown	On road
605	0.6	B	20	Light brown	On road
606	0.6	B	10	Light brown	
607	4.7	B	15	Dark brown	
608	5.9	B	25	Gold	
609	1.8	B	8	Brown	
610	0.6	B	10	Orange-brown	
611	0.4	B	20	Light brown	
612	0.8	B	25	Brown	
613	1.2	B	25	Gold-grey	
614	1.4	B	20	Gold-brown	
615	16.1	A	20	Dark brown, black	
616	1.0	B	25	Gold	
617	2.0	B	25	Gold	
618	8.4	B	25	Brown	
619	7.5	B	15	Light brown	
620	1.6	B	10	Light brown	Edge of road
621	1.4	B	15	Orange brown	
622	8.2	B	25	Brown	
623	6.3	B	25	Gold	
624	2.4	B	10	Brown	
625	3.2	B	20	Brown	On old road
626	2.6	B	20	Gold	
627	4.3	B	15	Brown	
628	2.2	B	15	Brown	
629					

Table 4 Continued

South Blizzard Grid

<u>Sample Number</u>	<u>U₃O₈ ppm</u>	<u>Soil horizon sampled</u>	<u>Depth (cm)</u>	<u>Colour</u>	<u>Remarks</u>
630	0.6	B	10	Gold-brown	
631	1.0	B	10	Gold-brown	
632	4.3	B	15	Gold-brown	
633	2.4	B	20	Gold-brown	
634	3.6	B	10	Brown	Edge of road
635	2.6	B	15	Gold-brown	
636	1.0	B	15	Gold-brown	
637	0.4	B	15	Gold-brown	
638	0.6	B	10	brown	
639	1.0	B	10	Red-brown	
640	0.6	B	15	Gold-brown	
641	0.6	B	10	Gold	
642	28.8	A	20	Dark Brown, black	
643	0.4	B	15	Brown	
644	0.2	B	15	Orange-brown	
645	0.8	B	10	Red-brown	
646	0.4	B	15	Brown	
647	0.8	B	15	Grey, brown	
648	0.8	B	10	Orange-brown	
649	0.6	B	10	Brown	Roadside
650	1.2	B	15	Brown	
651	0.4	B	15	Gold-brown	
652	0.6	B	20	Brown	

Moraig Grid

261	1.1	B	20	Gold	
262	2.0	B	25	Sandy-brown	
263	1.5	B	25	Sandy-brown	
264	6.8	B	25	Sandy-brown	Edge of Road
265	2.9	B	25	Sandy-brown	
266	1.5	B	20	Gold	
267	4.2	B	25	Gold	
268	3.3	B	25	Red-gold	
269	1.1	B	25	Sandy-brown	
270	2.4	B	25	Sandy-brown	
271	4.2	B	25	Sandy-brown	
272	0.2	B	25	Grey	
273	0.6	B	25	Sandy-brown	
274	0.6	B	25	Grey	
275	4.1	B	25	Grey	
276	3.8	B	25	Gold	
277	0.4	B	25	Gold	

Table 4 Continued

Moraig Grid

Sample Number	U ₃₀₈ ppm	Soil horizon sampled	Depth (cm)	Colour	Remarks
278	2.6	B	25	Grey	
279	4.7	B	30	Green-grey	
280	3.2	B	30	Grey	
281	44.9	A	35	Black	Swampy
282	1.0	B	30	Gold	Side of road
283	0.2	B	30	Gold	
284	2.4	B	25	Grey	
285	1.4	B	25	Gold	
286	2.0	B	25	Sandy-brown	
287	1.4	B	25	Sandy-brown	
288	4.7	B	25	Red-brown	
289	5.3	B	25	Sandy-brown	
290	5.5	B	25	Red-brown	
291	1.0	B	25	Sandy-brown	
292	0.4	B	25	Red-brown	
293	1.6	B	25	Gold	
294	30.0	A	25	Black	Swampy
295	2.4	B	25	Gold	
296	0.6	B	25	Gold	
297		B	25	Red-brown	
298					
299	0.2	B	25	Sandy-brown	
300	0.4	B	25	Grey	
301	0.8	B	25	Grey	
302	1.0	B	25	Grey	
303	2.0	B	25	Grey	
304	1.0	B	25	Gold	
305	1.0	B	25	Gold	
306	0.6	B	25	Gold	
307	1.8	B	25	Gold	
308	1.2	B	25	Grey	
309	0.8	B	25	Gold	
310	1.4	B	25	Sandy-gold	Disturbed
311	0.4	B	25		Disturbed
312	0	B	25	Red-brown	
313	1.0	B	25	Red-brown	
314	2.8	B	25	Grey	
315	0.8	B	25	Red-brown	

Table 4 Continued

Moraig Grid

Sample Number	U ₃ O ₈ ppm	Soil horizon sampled	Depth (cm)	Colour	Remarks
316	4.1	B	25	Grey	Roadside
317	3.2	B	15	Sandy-brown	
318	10.8	B	25	Gold	
319	1.8	B	25	Red-brown	
320	12.0	B	25	Gold	
321	3.0	B	25	Gold	
322	1.0	B	25	Gold	
323	0.6	B	25	Gold	
324	2.6	B	25	Gold	
325	1.2	B	25	Gold	
326					
327	0.8	B	25	Sandy-yellow	
328	1.0	B	25	Red-brown	
329	1.8	B	25	Gold	Roadside
330	1.0	B	25	Gold	
331	1.8	B	25	Gold	
332	3.4	B	25	Gold	
333	2.8	B	25	Gold	
334	2.4	B	25	Gold	
335	6.5	B	25	Gold	
336	2.4	B	25	Gold	
337	3.2	B	25	Gold	
338	1.2	B	25	Gold	
339	1.4	B	25	Grey-gold	
340	1.0	B	25	Gold	
341	2.8	B	25	Gold	
342	2.0	B	25	Gold	
343	2.6	B	25	Gold	
344	3.0	B	25	Grey	
345	1.4	B	25	Gold	
346	1.6	B	25	Gold	
347	2.0	B	25	Gold	
348	1.6	B	25	Gold	
349	3.4	B	25	Brown	
350	1.2	B	25	Gold	
351	1.6	B	25	Red-brown	
352	1.6	B	25	Brown	
353	4.4	—	—	Brown	Swampy

Table 4 Continued

Moraig Grid

Sample Number	U ₃ O ₈ ppm	Soil horizon sampled	Depth (cm)	Colour	Remarks
354	1.2	B	10	Light brown	
355	1.6	B	15	Red-brown	
356	0.6	B	15	Red-brown	
357	1.0	B	10	Light brown	
358	2.0	B	15	Red-brown	
359	1.4	B	20	Red-brown	
360	1.8	B	15	Grey & brown	Old road
361	1.6	B	15	Brown	
362	2.6	B	20	Brown	
363					
364	1.0	B	12	Sandy-brown	
365	1.2	B	25	Gold	
366	9.4	A	25	Black	Swampy
367	5.4	A	25	Black	Swampy
368	11.2	A	25	Black	Swampy
369	2.0	B	25	Grey	
370	2.6	B	25	Gold	
371	4.0	B	25	Gold	
372	3.0	B	25	Gold	
373	2.0	B	25	Gold	
374	1.6	B	25	Gold	
375	2.4	B	25	Gold	
376	1.2	B	15	Brown	
377	1.4	B	15	Brown	
378	2.2	B	10	Brown & grey	
379	2.6	B	20	Brown	
380	3.8	B	20	Brown	
381	2.2	B	20	Brown	
382	2.0	B	20	Brown	
383	1.2	B	15	Grey-brown	
384	18.6	A	15	Black	Bog
385	4.8	A	20	Dark brown	Organic
386	1.4	B	15	Brown	
387	1.2	B	20	Brown	
388					
389	1.0	B	25	Gold	
390	2.0	B	25	Grey	
391	1.4	B	25	Gold	

Table 4 Continued

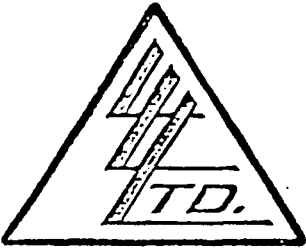
Moraig Grid

Sample Number	U ₃₀₈ ppm	Soil horizon sampled	Depth (cm)	Colour	Remarks
392	2.0	B	25	Grey	
393	1.8	B	25	Gold	
394	3.2	B	25	Grey	
395	3.4	B	25	Grey	
396	1.0	B	25	Gold	
397	1.0	B	25	Gold	
398	1.0	B	25	Gold	
399	3.0	B	25	Gold	
400	0.6	B	20	Light brown	
401	0.6	B	20	Light brown	
402	1.2	B	20	Light brown	
403	1.6	B	20	Red-brown	
404	1.0	B	20	Light brown	
405	1.2	B	15	Light brown	
406	0.6	B	15	Light brown	
407	1.0	B	15	Light brown	
408	1.8	B	15	Red-brown	Old road
409	0.4	B	15	Brown	
410	0.4	B	10	Light brown	
411	0.6	B	10	Light brown	
412	0.2	B	15	Light brown	
413	0.8	B	10	Light brown	
414	0.8	B	20	Light brown	
415	3.2	B	20	Red-brown	
416	23.7				
417	2.8	B	25	Grey	
418	4.0	B	25	Gold	
419	1.6	B	25	Gold	
420	2.4	B	25	Gold	
421	3.2	B	25	Gold	
422	1.6	B	25	Gold	
500	2.2	B	15	Red-brown	
501	2.2	B	10	Light brown	
502	0.6	B	10	Grey	
503	3.4	B	10	Red-brown	
504	1.2	B	10	Red-brown	
505	1.0	B	15	Red-brown	Old road

Table 4 Continued

Moraig Grid

<u>Sample Number</u>	<u>U₃O₈ ppm</u>	<u>Soil horizon sampled</u>	<u>Depth (cm)</u>	<u>Colour</u>	<u>Remarks</u>
506	0.6	B	10	Red-brown	
507	1.6	B	15	Red-brown	Old road
508	0.8	B	10	Brown	
509	1.2	B	10	Light brown	
510	1.8	B	10	Grey	
511	0.6	B	15	Grey-brown	



629 Beaverdam Rd. N.E.
Calgary 67, Alberta

LORING LABORATORIES LTD.

Phone 274-2777

Assay Uraniums - Fluorimetric

Sample Preparation

All cores and chips are crushed and ground to 100% minus 100 mesh, mixed and placed in pre-marked assay bags.

Sample Dissolution

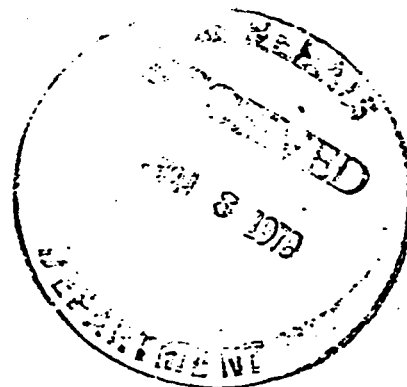
If samples contain carbon, the 1 gram samples are calcined in porcelain crucibles at 500° C and transferred to 250 ml. beakers.

10 mls. HCl are added, boiled gently for ten minutes, 5 mls. HNO₃ are then added and boiled a further 10 minutes. Remove lids and wash down sides of beakers. 3 mls. HF and 10 mls. (1:1) H₂SO₄ are added and assays are taken to dryness overnight.

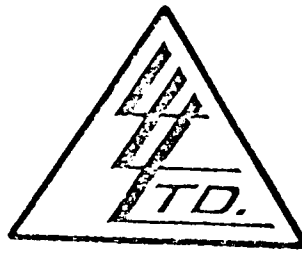
10 mls. HCl are added to cooled beaker, the assay is then boiled gently for 10 minutes and filtered into 100 ml. volumetrics. After washing well with hot distilled water the flasks are cooled and shaken. A 100 lambda aliquot is then taken in triplicate to platinum crucibles. Standards of 0, .1, 1.0, 3.0, 5.0, 10.0 and 50.0 ppm conc U₃O₈ are carried with each series of samples and used to calibrate instrument. Also, standards of known value are carried with each series of samples to correct for any variance in fusion temperature or instrument fluctuation.

0.3 g of Na₂CO₃ - NaF flux are placed in pt. crucible and they are then fused at 850° C for 2½ minutes.

When samples have solidified and cooled they are read on fluorimeter.



To: NORCEN ENERGY RESOURCES LIMITED
 27th Floor
 715 - 5th Avenue S.W.
 CALGARY, Alberta T2P 2X7
 ATTN : Don Sawyer
 cc : E. Larabie



File No. 17114
 Date June 14th, 1979
 Samples Soils

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 1

SAMPLE No.	PPM U308	
<u>SOIL SAMPLES "</u>		<u>NORTH BLIZZARD GRID</u>
100	2.2	
101	5.2	
102	4.0	
103	4.0	
104	1.6	
105	1.3	
106	1.8	
107	1.6	
108	14.3	
109	10.7	
110	4.0	
111	1.6	
112	20.2	
113	1.5	
114	0.9	
115	4.6	
116	4.2	
117	9.5	
118	2.4	
119	2.0	
120	5.9	
121	2.2	
122	10.3	
123	2.5	
124	2.2	
125	2.0	
126	5.7	
127	340.0	
128	2.9	
129	2.9	

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

E. Larabie
 Licensed Assayer of British Columbia

Specimens Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.

To: NORCEN ENERGY RESOURCES LIMITED

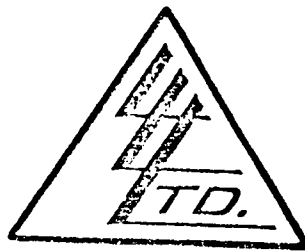
27th Floor

715 - 5th Avenue S.W.

CALGARY, Alberta T2P 2X7

ATTN : Don Sawyer

cc : E. Larabie



File No. 17114

Date June 14th, 1979

Samples Soils

Certificate of ASSAY of LORING LABORATORIES LTD.

Page # 2

Sample No.	PPM U308	
132	7.1	
133	18.4	
134	10.3	
135	11.3	
136	4.0	
137	5.9	
138	4.0	
139	7.1	
140	5.0	
141	16.5	
142*	29.1	
143	3.1	
144	-	
145	9.0	
146	1.6	
147	2.0	<u>SOUTH BLIZZARD GRID</u>
148	1.6	
149	1.3	
150	1.1	
151	1.1	
152	3.8	
153	1.8	
154	0.2	
155	0.2	
156	0.4	
157	1.3	
158	0.7	
159	1.8	
160	0.7	
	1.3	
	0.4	

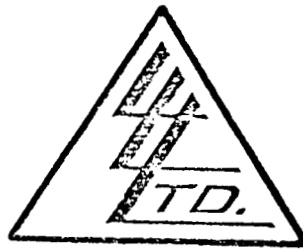
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Sample Missing

Samples Retained one month. Pulps Retained one month unless specific arrangements made in advance.

Signature: [Handwritten Signature] Licensed Assayer of British Columbia

No. NORGEN ENERGY RESOURCES LIMITED
 27th Floor,
 715 - 5th Avenue S.W.
 CALGARY, Alberta T2P 2X7
 ATTN: Don Sawyer
 cc: E. Larabie



File No. 17114
 Date June 14th, 1979
 Samples Soils

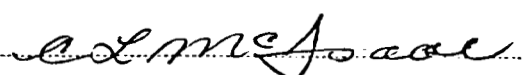
Certificate of
ASSAY OF
LORING LABORATORIES LTD.

Page # 3

SAMPLE No.	PPM U308	<u>SOUTH BLIZZARD GRID</u>
161	1.1	
162	1.8	
163	1.1	
164	2.0	
165	1.6	
166	0.7	
167	0.4	
168	2.9	
169	0.9	
170	0.9	
171	0.7	
172	3.8	
173	2.7	
174	1.6	
175	2.2	
176	4.5	
177	13.0	
178	6.3	
179	2.2	
180	2.4	
181	2.7	
182	2.7	
183	8.6	
184	0.8	
185	0.4	
186	9.6	
187	2.9	
188	0.4	
189	1.0	
190	5.9	
191	5.9	

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Objects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.


 Licensed Assayer of British Columbia

to: NORCEN ENERGY RESOURCES LIMITED

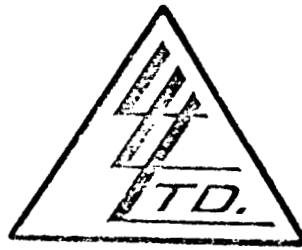
27th Floor

715 - 5th Avenue S.W.

CALGARY, Alberta T2P 2X7

ATTN : Don Sawyer

cc : E. Larabie



File No. 17114

Date June 14th, 1979

Samples Soils

Certificate of
ASSAY OF

LORING LABORATORIES LTD.

Page # 4

SAMPLE No.

PPM

U308

SOUTH BLIZZARD GRID

192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223

2.2
2.2
11.2
10.8
42.0
2.9
1.4
0.2
Nil
9.2
3.3
4.9
1.6
4.3
1.6
5.1
4.7
2.7
0.8
0.4
1.2
14.7
1.8
1.0
2.4
5.0
4.6
0.9
1.3
0.7
0.4
1.6

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

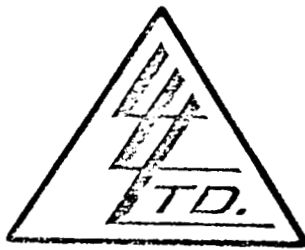
Subjects Retained one month.

Pulps Retained one month
unless specific arrangements
made in advance.

E. M. Isaac

Licensed Assayer of British Columbia

■ b: NORCEN ENERGY RESOURCES LIMITED
 27th Floor
 715 - 5th Avenue S.W.
 CALGARY , Alberta T2P 2X7
 ATTN : Don Sawyer
 cc : E. Larabie



File No. 17114
 Date June 14th , 1979
 Samples Soils

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 5

SAMPLE No.	PPM U308	
224	0.7	<u>SOUTH BLIZZARD GRID</u>
225	3.1	
226	2.9	
227	1.3	
228	0.9	
229	2.2	
230	1.1	
231	0.7	
232	38.0	
233*	-	
234	1.6	
235	1.1	
2163	1.6	

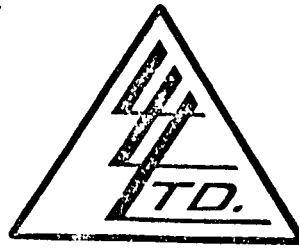
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

* Sample Missing

■ Reagents Retained one month.
 ■ Pulps Retained one month
 unless specific arrangements
 made in advance.


 Licensed Assayer of British Columbia

To: NORCEN ENERGY RESOURCES LIMITED,
 27th Flr., 715 - 5th Avenue S.W.,
 Calgary, Alberta T2P 2X7
 ATTN: Terry Turner



File No. 17155
 Date June 21, 1979
 Samples Soil Geochems

cc: R. Cann - Beaverdell

Certificate of
ASSAY of
LORING LABORATORIES LTD.

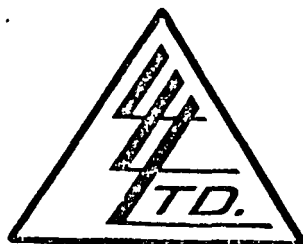
Page # 2

SAMPLE No.	PPM U308	
<u>"Soil Geochems"</u>		<u>SOUTH BLIZZARD GRID</u>
235 *	-	
236	5.9	
237	4.2	
238	4.2	
239	2.4	
240	7.0	
241	8.6	
242	56.9	
243	17.8	
244	1.5	
245	4.2	
246	2.4	
247	2.9	
248	5.1	
249	2.9	
250	3.5	
251	2.0	
252	1.5	
253	1.5	
254	2.0	
255	3.7	
256	2.0	
257	9.0	
258	3.7	
259	1.1	
260	1.5	
261	1.1	
262	2.0	<u>MORAIG GRID</u>
263	1.5	
* Sample Missing		
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES		

Objects Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.

[Signature]
 Licensed Assayer of British Columbia

To: NORCEN ENERGY RESOURCES LIMITED,
 27th Flr., 715 - 5th Avenue S.W.,
 Calgary, Alberta T2P 2X7
 ATTN: Terry Turner



File No. 17155
 Date June 21, 1979
 Samples Soil Geochems

cc: R. Cann - Beaverdell

Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 3

SAMPLE No.	PPM U308	<u>MORAIG GRID</u>
264	6.8	
265	2.9	
266	1.5	
267	4.2	
268	3.3	
269	1.1	
270	2.4	
271	4.2	

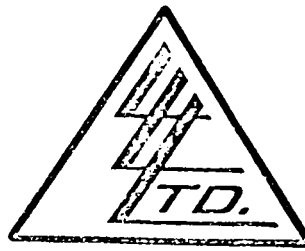
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

C. L. M. Soae
 Licensed Assayer of British Columbia

To: NORCEN ENERGY RESOURCES LIMITED
 27th Floor
 715 - 5th Avenue S.W.
 CALGARY, Alberta T2P 2X7
 ATTN : T. Turner

File No. 17275
 Date July 11th, 1979
 Samples Soils



Certificate of
ASSAY of
LORING LABORATORIES LTD.

Page # 1

SAMPLE No.	PPM U308	
	<u>MORAIG GRID</u>	
<u>SOIL SAMPLES "</u>		
272	0.2	
273	0.6	
274	0.6	
275	4.1	
276	3.8	
277	0.4	
278	2.6	
279	4.7	
280	3.2	
281	44.9	* organic
282	1.0	
283	0.2	
284	2.4	
285	1.4	
286	2.0	
287	1.4	
288	4.7	
289	5.3	
290	5.5	
291	1.0	
292	0.4	
293	1.6	
294	30.0	* organic
295	2.4	
296	0.6	
299	0.2	
300	0.4	
301	0.8	
302	1.0	
303	2.0	

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Subjects Retained one month.
 Pulp Retained one month
 less specific arrangements
 made in advance.

Edwin Isaac
 Licensed Assayer of British Columbia

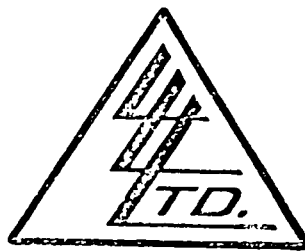
To: NORCEN ENERGY RESOURCES LIMITED

27th Floor

715 - 5th Avenue S.W.

CALGARY, Alberta T2P 2X7

ATTN : T. Turner



File No. 17275

Date July 11th, 1979

Samples Soils

Certificate of ASSAY of LORING LABORATORIES LTD.

Page # 2

SAMPLE No.	PPM U308	
304	1.0	MORAIG GRID
305	1.0	
306	0.6	
307	1.8	
308	1.2	
309	0.8	
310	1.4	
311	0.4	
312	Nil	
313	1.0	
314	2.8	
315	0.8	
316	4.1	
317	3.2	
318	10.8 *	
319	1.8	
320	12.0 *	
321	3.0	
322	1.0	
323	0.6	
324	2.6	
325	1.2	
327	0.8	
328	1.0	
329	1.8	
330	1.0	
331	1.8	
332	3.4	
333	2.8	
334	2.4	
335	6.5	

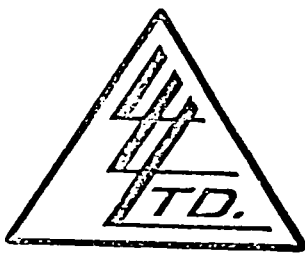
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Samples Retained one month. Pulps Retained one month less specific arrangements made in advance.

Edwin Isaac

Licensed Assayer of British Columbia

To: NORCEN ENERGY RESOURCES LIMITED
 27th Floor
 715 - 5th Avenue S.W.
 CALGARY, Alberta T2P 2X7
 ATTN : T. Turner



File No. 17275
 Date July 11th, 1979
 Samples Soils


Certificate of
ASSAY
 LORING LABORATORIES LTD.

Page # 3

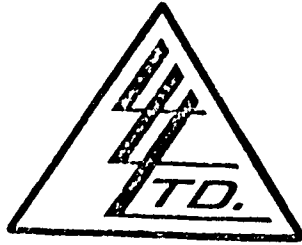
SAMPLE No.	PPM U308	
336	2.4	<u>MORAIG GRID</u>
337	3.2	
338	1.2	
339	1.4	
340	1.0	
341	2.8	
342	2.0	
343	2.6	
344	3.0	
345	1.4	
346	1.6	
347	2.0	
348	1.6	
349	3.4	
350	1.2	
351	1.6	
352	1.6	
353	4.4	
354	1.2	
355	1.6	
356	0.6	
357	1.0	
358	2.0	
359	1.4	
360	1.8	
361	1.6	
362	2.6	
364	1.0	
365	1.2	
366	9.4	* Organic
367	5.4	• Organic

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Objects Retained one month.
 Pulps Retained one month
 less specific arrangements
 made in advance.


 Licensed Assayer of British Columbia

To: NORCEN ENERGY RESOURCES LIMITED,
 27th Flr., 715 - 5th Avenue S.W.,
 Calgary, Alberta T2P 2X7
 ATTN: Terry Turner
 cc: R. Cann - Beaverdell



File No. 17155
 Date June 21, 1979
 Samples Waters

Certificate of
ASSAY OF
LORING LABORATORIES LTD.

Page # 1

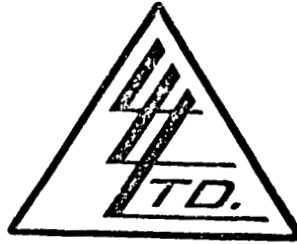
SAMPLE No.	PPB U308
<u>"Water Samples"</u> 79-BR-2 (W) 79-BR-3 (W)	0.3 1.0
79-BL-3 (W) 79-BL-4 (W)	1.0 1.0 <u>South Blizzard Grid</u>

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

[Signature]
 Licensed Assayer of British Columbia

To: NORCEN ENERGY RESOURCES LIMITED,
 27th Flr., 715 - 5th Avenue S.W.,
 Calgary, Alberta T2P 2X7
 ATTN: Terry Turner
 cc: R. Cam - Beaverdell



File No. 17155
 Date June 21, 1979
 Samples Silt Geochems

Certificate of
ASSAY OF
LORING LABORATORIES LTD.

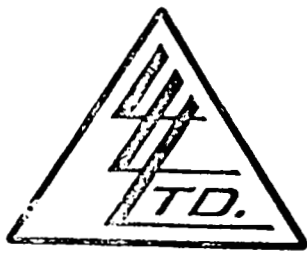
Page # 4

SAMPLE No.	PPM U308
<p><u>"Silt Geochems"</u></p> <p>79-BL-2-(ST)</p> <p>79-BL-3-(ST)</p>	<p style="text-align: right;"><u>South Blizzard Grid</u></p> <p>1.5</p> <p>6.4</p> <p style="text-align: center;">I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES</p>

Rejects Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.

E. L. McIsaac
 Licensed Assayer of British Columbia

To: NORCEN ENERGY RESOURCES LIMITED
 27th Floor
 715 - 5th Avenue S.W.
 CALGARY, Alberta T2P 2X7
 ATTN : T. Turner



File No. 17275
 Date July 11th, 1979
 Samples Soils

Certificate of
 ASSAY OF
 LORING LABORATORIES LTD.

Page # 4

SAMPLE No.	PPM U308			
368	11.2	*	organic	<u>MORAIG GRID</u>
369	2.0			
370	2.6			
371	4.0			
372	3.0			
373	2.0			
374	1.6			
375	2.4			
376	1.2			
377	1.4			
378	2.2			
379	2.6			
380	3.8			
381	2.2			
382	2.0			
383	1.2			
384	18.6	*	organic	
385	4.8	*	organic	
386	1.4			
387	1.2			
389	1.0			
390	2.0			
391	1.4			
392	2.0			
393	1.8			
394	3.2			
395	3.4			
396	1.0			
397	1.0			
398	1.0			
399	3.0			

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

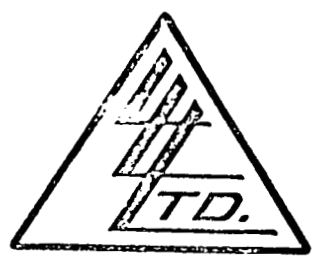
Objects Retained one month.
 Pulp Retained one month
 Less specific arrangements
 made in advance.

Edmund Joaze

 Licensed Assayer of British Columbia

To: NORCEN ENERGY RESOURCES LIMITED
 27th Floor
 715 - 5th Avenue S.W.
 CALGARY, Alberta T2P 2X7
 ATTN : T. Turner

File No. 17275
 Date July 11th, 1979
 Samples Soils



Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

Page # 5

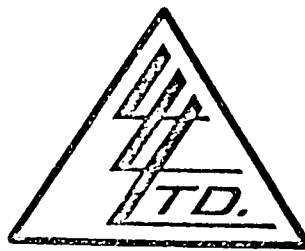
SAMPLE No.	PPM U308	
400	0.6	MORAIG GRID
401	0.6	
402	1.2	
403	1.6	
404	1.0	
405	1.2	
406	0.6	
407	1.0	
408	1.8	
409	0.4	
410	0.4	
411	0.6	
412	0.2	
413	0.8	
414	0.8	
415	3.2	
416	23.7 *	
417	2.8	
418	4.0	
419	1.6	
420	2.4	
421	3.2	
422	1.6	
500	2.2	
501	2.2	
502	0.6	
503	3.4	
504	1.2	
505	1.0	
506	0.6	
507	1.6	

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Subjects Retained one month.
 Pulps Retained one month
 less specific arrangements
 made in advance.

[Signature]
 Licensed Assayer of British Columbia

To: NORCEX ENERGY RESOURCES LIMITED
 27th Floor
 715 - 5th Avenue S.W.
 CALGARY, Alberta T2P 2X7
 ATTN: T. Turner



File No. 17275
 Date July 11th, 1979
 Samples Soils

Certificate of
ASSAY OF
LORING LABORATORIES LTD.

Page # 6

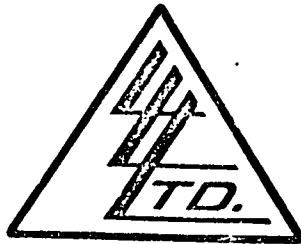
SAMPLE No.	PPM U308		
508	0.8	<u>MORAIG GRID</u>	
509	1.2		
510	1.8		
511	0.6		
600	0.8	<u>SOUTH BLIZZARD GRID</u>	
601	1.4		
602	2.0		
603	0.8		
604	0.8		
605	0.6		
606	0.6		
607	4.7		
608	5.9		
609	1.8		
610	0.6		
611	0.4		
612	0.8		
613	1.2		
614	1.4		
615	16.1 *		organic
616	1.0		
617	2.0		
618	8.4		
619	7.5		
620	1.6		
621	1.4		
622	8.2 *	organic	
623	6.3		
624	2.4		
625	3.2		
626	2.6		

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Subjects Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.

(Signature)
 Licensed Assayer of British Columbia

To: NORCEN ENERGY RESOURCES LIMITED,
 27th Flr., 715 - 5th Avenue S.W.,
 Calgary, Alberta T2P 2X7
 ATTN: Terry Turner
 cc: R. Cann - Beaverdell



File No. 17114
 Date June 14, 1979
 Samples Water

**Certificate of
 ASSAY of
 LORING LABORATORIES LTD.**

Page # 7

SAMPLE No.	PPB U308
<p><u>"Water Samples"</u></p> <p>79-BR-1 (W)</p>	<p>0.3</p>
<p>79-BL-1 (W)</p> <p>79-BL-2 (W)</p>	<p>1.0</p> <p>0.3</p> <p><u>South Blizzard Grid</u></p>

**I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES**

Subjects Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.

e L M J a d e
 Licensed Assayer of British Columbia

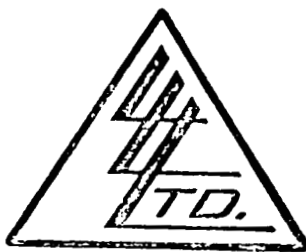
To: NORCEN ENERGY RESOURCES LIMITED

27th Floor

715 - 5th Avenue S.W.

CALGARY, Alberta T2P 2X7

ATTN : T. Turner



File No. 17275

Date July 11th, 1979

Samples Soils

Certificate of
ASSAY OF
LORING LABORATORIES LTD.

Page # 7

SAMPLE No.	PPM U308	SOUTH BLIZZARD GRID
627	4.3	
628	2.2	
629	1.0	
630	0.6	
631	1.0	
632	4.3	
633	2.4	
634	3.6	
635	2.6	
636	1.0	
637	0.4	
638	0.6	
639	1.0	
640	0.6	
641	0.6	
642	28.8	* organic
643	0.4	
644	0.2	
645	0.8	
646	0.4	
647	0.8	
648	0.8	
649	0.6	
650	1.2	
651	0.4	
652	0.6	

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Ed McLeod

Licensed Assayer of British Columbia

Reports Retained one month.

Pulps Retained one month
unless specific arrangements
made in advance.

APPENDIX 2

DRILL LOGS

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard
 SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-1
 COLLAR: 2046.49N, 282.39W CLAIM NAME: Patricia STARTED: August 25, 1979
 ELEVATION: 1334.87 BEARING: --- COMPLETED: August 25, 1979
 DIP: 90° ULTIMATE DEPTH: 29.0/95 m.
 LOGGED BY: R. Cann PROPOSED DEPTH: ---

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	No cuttings	0					
	<u>Pleistocene Overburden</u> grey brown, clay rich till - granodiorite and basalt boulder cuttings	3.0/10	All bags 2600-3500				
	<u>Basement</u> 5.2/17 - 24.4/80 - soft, pale brown granodiorite 24.4/80 - 29.0/95 - hard, weakly chloritized granodiorite - approx. 10% mafic's	5.2/17	(Background =2500)				
	END OF HOLE	29.0/95					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard
 SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-2
 COLLAR: 2037.72N, 210.83 CLAIM NAME: Patricia STARTED: August 25, 1979
 ELEVATION: 1319.59 BEARING: _____ COMPLETED: August 25, 1979
 DIP: 90° ULTIMATE DEPTH: 12.19m/40 ft.
 LOGGED BY: R. Cann PROPOSED DEPTH: _____

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	Casing - no cuttings	0					
	<u>Miocene Sediment (?)</u> - yellow-brown, clay rich granitic sand - grains of quartz and kaolinized feldspar in clay rich matrix	3.0/10'	3800		1.52	9105	1001
	<u>Basement</u> - pale grey-green granodiorite - mainly medium grained quartz and feldspar with about 15% chloritized mafic minerals	5.5/18'	4200		1.52		
	END OF HOLE	12.2/40'	All counts background (3500 cpm)				

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard
 SHEET NUMBER: 1 of 2 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 73-10-3
 COLLAR: 2039.85N, 125.41W CLAIM NAME: Patricia STARTED: Aug. 25/79
 ELEVATION: 1321.37 BEARING: _____ COMPLETED: Aug. 25/79
 DIP: 90° ULTIMATE DEPTH: 18.29m/60'
 LOGGED BY: R. Cann PROPOSED DEPTH: _____

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>Pleistocene Sediment</u> - grey-brown clay rich sand - wood fragments - granite and basalt chips	0	Background (3300 cpm)				
	<u>Miocene Sediments</u>	4.6/15					
	4.6/15 - 6.1/20 - brown-ochre, clay rich granitic sand		3200		1.52	9106	.001
			3500		1.52	9107	.001
	6.1/20 - 7.6/25 - rusty brown clay rich sand		3200		1.52	9108	.001
	7.6/25 - 10.7/35 - light brown clay and sand		3500		1.52	9109	.001

NORCEN ENERGY RESOURCES LIMITED
 DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard . HOLE NUMBER: 79-P-3 . SHEET NUMBER: 1017

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U3O8 CHEMICAL
	10.7/35 - 12.8/42 - brown-ochre clay rich sand		3200		1.52	9110	Trace
	Basement - green-grey, chloritized medium grained granodiorite	12.8/42	Background (3300 cpm)				
	END OF HOLE	18.3/60					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 2 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-4

COLLAR: 2034.83N, 56.67W CLAIM NAME: Patricia STARTED: August 26, 1979

ELEVATION: 1315.80 BEARING: _____ COMPLETED: August 26, 1979

DIP: 90° ULTIMATE DEPTH: 12.19 m/40 ft.

LOGGED BY: R. Cann PROPOSED DEPTH: _____

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	Casing - no cuttings	0					
	<u>Pleistocene Till</u> - light brown colour - clay and sand-grains of granitic and basalt - basalt and granitic boulder chips	1.5/5	Background (2600 cpm)				
	<u>Miocene Sediment</u> - exact contact difficult to define	4.6/15	2400		1.52	9111	Trace
	4.6/15 - 6.1/20 - light brown clay rich sand						
	6.1/20 - 7.6/25 - grey-green coarse granitic sand and clay		2300		1.52	9112	Trace

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard . HOLE NUMBER: 79-P-4 . SHEET NUMBER: 2 of 2

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	Basement	7.6/25					
	medium grained, chloritized granodiorite grey-green in colour clay is abundant in upper couple of feet of granodiorite		Background (2600 cpm)				
	END OF HOLE	12.2/40					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard
 SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-5
 COLLAR: 2037.17N, 2.79W CLAIM NAME: Patricia STARTED: August 26, 1979
 ELEVATION: 1313.57 BEARING: --- COMPLETED: August 26, 1979
 DIP: 90° ULTIMATE DEPTH: 12.19 m / 40 ft.
 LOGGED BY: R. Cann PROPOSED DEPTH: ---

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	Casing - no cuttings	0					
	<u>Pleistocene Sediment</u> - light brown sandy till(?) with abundant clay - cuttings from boulders of granite and basalt	1.5/5	All counts background				
	<u>Basement</u> 3.0/10 - 7.6/25 - weathered granodiorite - sand size cuttings of granodiorite with about 10% clay - pale grey-brown colour 7.6/25 - 12.2/40 - chloritized granodiorite - chlorite and coarseness of cuttings increases with depth	3.0/10	(3000 to 3300 cpm)				
	END OF HOLE	12.2/40					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-6

COLLAR: 2042.55N, 62.05E CLAIM NAME: Patricia STARTED: August 26, 1979

ELEVATION: 1310.00 BEARING: — COMPLETED: August 26, 1979

DIP: 90 ULTIMATE DEPTH: 13.72 m/45 ft.

LOGGED BY: R. Cann PROPOSED DEPTH: —

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U3O8 CHEMICAL
	<u>Pleistocene Till</u> - grey-brown, gritty clay - no coarse cuttings	0					
	<u>Basement (?)</u> 1.5/5 - 6.4/21 - weathered granite (?) - pale yellow-brown to grey-brown granitic sand - minor clay - granite shows chlori- tization	1.5/5	All counts background only (2500 to 3300 cpm)				
	6.4/21 - 13.7/45 - grey-green, chloritized granodiorite						
	END OF HOLE	13.7/45					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-13

COLLAR: 1921.48N, 62.22W CLAIM NAME: Patricia STARTED: August 27, 1979

ELEVATION: 1307.14 BEARING: — COMPLETED: August 27, 1979

DIP: 90° ULTIMATE DEPTH: 12.19 m/40ft.

LOGGED BY: R. Cann PROPOSED DEPTH:

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>Pleistocene Overburden</u>	0					
	- grey-brown sandy till - granite and basalt cuttings common						
	<u>Basement</u>	2.1/7					
	- med. grained, chloritized granodiorite - approx. 20-25% mafics - minor FeO 3.0/10-4.6/15 - hematitic at 7.6/25 - chlorite very abundant towards bottom of hole eq. intense chloritization @10.4/34, 11.3/37 - cutting grey-green in colour						
	END OF HOLE	12.2/40					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 2

N.T.S. NUMBER: 82E/10

HOLE NUMBER: 79-P-14

COLLAR: 1925.77N, 122.24W

CLAIM NAME: Patricia

STARTED: August 27, 1979

ELEVATION: 1309.03

BEARING: —

COMPLETED: August 27, 1979

DIP: 90°

ULTIMATE DEPTH: 15.2m/50 ft.

LOGGED BY: R. Cann

PROPOSED DEPTH: —

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	(0.3 to 0.6m of overburden lost when driving casing)	0					
	<u>Miocene Sediments</u>		2300		1.52	9113	Trace
	0 - 5.2/17 - yellow-brown clayey, fine-grained sandstone - 20-30% brown clay		2500		1.52	9114	Trace
	5.2/17 - 8.2/27		2500		1.52	9115	Trace
	- conglomerate - med. - brown colour - clasts of granodiorite and chloritized granodiorite		2500		1.52	9116	.001
	- matrix of coarse granitic sandstone and brown clay		2500		1.52	9117	Trace

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard . HOLE NUMBER: 79-P-14 . SHEET NUMBER: 2 of 2 .

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	Basement	8.2/27					
	8.2/27 - 9.8/32						
	- pale green intensely chloritized granodiorite		All counts				
	9.8/32 - 15.2/50		background				
	- pale grey and pale brown granodiorite		or lower				
	12.8/42 - 13.1/43		(2300 to				
	- hematitic alteration		2700 cpm)				
	13.1/43 - 15.2/50						
	- strong chloritization						
	END OF HOLE	15.2/50					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-15

COLLAR: 1925.26N, 180.12W CLAIM NAME: Patricia STARTED: August 27, 1979

ELEVATION: 1308.98 BEARING: — COMPLETED: August 27, 1979

DIP: 90° ULTIMATE DEPTH: 12.19m/40ft.

LOGGED BY: R. Cann PROPOSED DEPTH:

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	No cuttings	0					
	<u>Pleistocene Overburden</u> - dark brown sand and gravel - clay content increases with depth - abundant cuttings of granitic and basaltic boulders	3.0/10					
	<u>Basement</u> - soft granodiorite - moderately chloritized 6.1/20 to 7.0/23 - cuttings pale brown and grey	6.1/20					
	END OF HOLE	12.2/40					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 2 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-16

COLLAR: 1915.99N, 239.80W CLAIM NAME: Patricia STARTED: August 27, 1979

ELEVATION: 1316.72 BEARING: --- COMPLETED: August 27, 1979

DIP: 90° ULTIMATE DEPTH: 27.43m/90'

LOGGED BY: R. Cann PROPOSED DEPTH: ---

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>Pleistocene Overburden</u> - light brown-grey, well sorted fine sand	0	Background (2400)				
	<u>Miocene Sediments</u> 4.6/15 - 7.6/25 - rusty brown, fine to coarse granitic sand with minor brown clay	4.6/15	3000		1.52	9118	.001
			2300		1.52	9119	.001
			2500		1.52	9120	Trace
			3500		1.52	9121	.002
			8000		1.52	9122	.034
	7.6/25-13.7/45 - medium to coarse grained granitic sand and/or conglomerate - brown-yellow clay (clay decreases in abundance with depth) - grains of white feldspar, clear and smokey quartz and minor muscovite		3500		1.52	9123	.002

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard . HOLE NUMBER: 79-P-16 . SHEET NUMBER: 2 of 2

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
13.7/45 - 21.3/70 - very clean, pale brown to cream sandstone - fine to coarse grained - grains=50% white feldspar and 50% quartz - minor yellow-green autunite (?) visible 45-50 ft. by eye, and 30-70 ft. by uv lamp - muscovite flakes common			3000		1.52	9124	.005
			2300		1.52	9125	.003
			3700		1.52	9126	.007
			3700		1.52	9127	.008
			3200		1.52	9128	.006
<u>Basement</u> (contact between Miocene seds & basement uncertain)	21.3/70		3500		1.52	9129	.003
			2800		1.52	9130	.004
- grey-green granodiorite - approx. 5% chloritized mafics - 2 - 3% muscovite - minor FeO - autunite visible under UV lamp 70-80' (contamination ?)							
END OF HOLE	27.4/90						

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-17

COLLAR: 1911.44N, 309.19W CLAIM NAME: Patricia STARTED: August 27, 1979

ELEVATION: 1321.42 BEARING: _____ COMPLETED: August 27, 1979

DIP: 90° ULTIMATE DEPTH: 9.14m/30 ft.

LOGGED BY: R. Cann PROPOSED DEPTH: _____

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U3O8 CHEMICAL
	<u>Overburden</u> - brown sand and gravel	0					
	<u>Basement</u> 0.3/1 - 4.6/15 - med. grained granodiorite - 5% mafics - abundant FeO staining - cuttings pale brown	0.3/1					
	4.6/15 - 9.1/30 - as above but chloritized - approx. 15% mafics - cuttings pale grey-green						
	END OF HOLE	9.1/30					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-18

COLLAR: 1744.49N, 462.24W CLAIM NAME: Patricia STARTED: August 27, 1979

ELEVATION: 1309.08 BEARING: _____ COMPLETED: August 27, 1979

DIP: 90° ULTIMATE DEPTH: 9.14m/30ft.

LOGGED BY: R. Cann PROPOSED DEPTH: _____

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>pleistocene Overburden</u>	0					
	0 - 1.5/5 - grey sandy till						
	1.5/5 - 3.4/11 - gold-grown bouldery sand and clay - minor basalt chips (<5%) - abundant granodiorite chips						
	<u>Basement</u>	3.4/11					
	- chloritized granodiorite - soft - med. to well chloritized - 20 to 30% mafic minerals - cuttings pale grey-green						
	END OF HOLE	9.1/30					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-p-19

COLLAR: 1744.45N, 392.91W CLAIM NAME: Patricia STARTED: August 27, 1979

ELEVATION: 1303.38 BEARING: --- COMPLETED: August 27, 1979

DIP: 90° ULTIMATE DEPTH: 9.14 m/30 ft.

LOGGED BY: R. Cann PROPOSED DEPTH: ---

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U3O8 CHEMICAL
	<u>pleistocene Overburden</u>	0					
	- pale brown, boulder till - cuttings of granodiorite and basalt boulders						
	<u>Basement</u>	1.8/6					
	- granodiorite - cuttings pale brown and grey-green - hematitic 6.1/20 - 7.6/25 - alternating chloritic and hematitic zones 4.6/15- 6.1/20 - chloritic towards base of hole - 15-20% mafics						
	END OF HOLE	9.1/30					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-20

COLLAR: 1737.76N, 335.35W CLAIM NAME: Patricia STARTED: August 27, 1979

ELEVATION: 1299.20 BEARING: --- COMPLETED: August 27, 1979

DIP: 90° ULTIMATE DEPTH: 9.14m/30ft.

LOGGED BY: R. Cann PROPOSED DEPTH: -----

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>Pleistocene Overburden</u>	0					
	- brown bouldery sand and gravel - boulders of granite and basalt		All bags				
	<u>Basement</u>	4.0/13	background (3000)				
	- soft, intensely chloritized granitic - approx. 15-20% mafics - cuttings green in colour - local hematitization eq. 6.7/22						
	END OF HOLE	9.1/30					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-21

COLLAR: 1744.68N, 273.22W CLAIM NAME: Patricia STARTED: August 28, 1979

ELEVATION: 1296.36 BEARING: — COMPLETED: August 28, 1979

DIP: 90° ULTIMATE DEPTH: 12.19 m / 40 ft.

LOGGED BY: R. Cann PROPOSED DEPTH:

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>Pleistocene Overburden (?)</u> 0 - 1.5/5 - pegmatitic boulder, quartz, feldspar muscovite books in cuttings	0	All bags background				
	1.5/5 - 4.6/15 - grey granitic sand and gravel - grains derived largely from underlying granodiorite		(3300)				
	<u>Basement</u> - med. grained granodiorite - 5-10% mafics - mod. chloritization - cuttings pale grey-green	4.6/15					
	END OF HOLE	12.2/40					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 1

N.T.S. NUMBER: 82E/10

HOLE NUMBER: 79-P-26

COLLAR: 1571.15N, 422.03

CLAIM NAME: Sharon Fr.

STARTED: August 28, 1979

ELEVATION: 1297.93

BEARING: —

COMPLETED: August 28, 1979

DIP: 90°

ULTIMATE DEPTH: 12.19 m/40 ft.

LOGGED BY: R. Cann

PROPOSED DEPTH: —

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U3O8 CHEMICAL
	<u>Pleistocene Overburden</u> - yellow-brown sand clay	0					
	<u>Basement</u> - med. grained granodiorite - mod. chloritized - FeO common - approx. 5% mafics - cuttings green-grey to pale brown in colour	4.3/14	All bags 3300-3700 (Background =3300)				
	END OF HOLE	12.2/40					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard
 SHEET NUMBER: 1 of 2 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-45
 COLLAR: 1916.89N, 258.53W CLAIM NAME: Patricia STARTED: September 2, 1979
 ELEVATION: 1317.48 BEARING: — COMPLETED: September 2, 1979
 DIP: 90° ULTIMATE DEPTH: 18.29m/60ft.
 LOGGED BY: R. Cann PROPOSED DEPTH:

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>pleistocene Overburden</u> - brown - 10% clay, 50% sand and gravel, 40% granite and basalt boulder cuttings	0	Background (2700)				
	<u>Miocene Sediments</u> 1.5/5 - 3.0/10 - rust coloured, clayey sand and gravel	1.5/5	2700		1.52	9139	.001
	- 50% rusty clay, 50% quartz and feldspar sand and gravel		2700		1.52	9140	.001
	3.0/10 - 6.7/22 - creamy-brown arkosic sand - 10% clay, 90% sand and gravel - grains of quartz and		2700		1.52	9141	.003

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

HOLE NUMBER: 79-P-45

SHEET NUMBER: 2 of 2

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	feldspar, and pebbles of granodiorite						
	Basement	6.7/22	2700		1.52	9142	.002
	- medium grained, chloritized granodiorite - cuttings green-grey - 30% quartz, 65% white feldspar, 5% chloritized mafics		All bags background (2700)				
	END OF HOLE	18.3/60					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard
 SHEET NUMBER: 1 of 2 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-p-46
 COLLAR: 1881.65, 240.89W CLAIM NAME: Patricia STARTED: September 2, 1979
 ELEVATION: 1313.92 BEARING: --- COMPLETED: September 2, 1979
 DIP: 90° ULTIMATE DEPTH: 30.48m/100ft.
 LOGGED BY: R. Cann PROPOSED DEPTH: -----

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>Pleistocene Overburden</u> - grey to grey-brown bouldery sand and gravel - abundant granodiorite and basalt boulder chips - bed of brown silt at approx. 3.0/10	0 7.6/25	All bags background or lower (2800)				
	<u>Miocene Sediments</u> - yellow-grey, medium to coarse-grained sand and gravel - angular grains of quartz and feldspar - minor flakes biotite - less than 5% clay - rusty 8.5/28 - 9.1/30	8.5/28	2500 2800 2800 3300 2500 3000		1.52 1.52 1.52 1.52 1.52 1.52	9131 9132 9133 9134 9135 9136	.001 .001 .001 .001 .001 .002

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard . HOLE NUMBER: 79-P-46 . SHEET NUMBER: 2 of 2

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		U308 CHEMICAL
					INTERVAL (meters)	NUMBER	
	16.8/55 - 19.8/65 - coarse gravel and/or conglomerate - pebbles of leucocratic granodiorite - minor smokey quartz and muscovite		3300		1.52	9137	.002
			3300		1.52	9138	.001
	<u>Basement</u> - chloritized granodiorite - grey-green colour to cuttings - trace of biotite	19.8/65	All bags background only				
	END OF HOLE	30.5/100					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 1

N.T.S. NUMBER: 82E/10

HOLE NUMBER: 79-P-47

COLLAR: 1838.56N, 245.20W

CLAIM NAME: Patricia

STARTED: September 2, 1979

ELEVATION: 1306.73

BEARING: ---

COMPLETED: September 2, 1979

DIP: 90°

ULTIMATE DEPTH: 13.72m/45ft.

LOGGED BY: R. Cann

PROPOSED DEPTH: -----

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	No cuttings	0					
	<u>pleistocene Overburden</u> - brown-grey sand with boulders of basalt	1.5/5	3500		1.52		
	<u>Miocene Sediments</u> - cream brown granitic sand	2.4/8 3.0/10					
	- medium grained - well sorted - approx. 15% clay - grains of white feldspar clear and smokey quartz	4.6/15	5400		1.52	9144	.003
	<u>Basement</u> 4.9/16 - 6.1/20 - soft, olive green-grey weathered basement	4.9/16	3500				
	6.1/20 - 13.7/45 - medium grained, chlorit- ized granodiorite - 20-30% mafic minerals		background (2700)				
	END OF HOLE	13.7/45					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-48

COLLAR: 1924.87N, 267.73W CLAIM NAME: Patricia STARTED: September 2, 1979

ELEVATION: 1306.01 BEARING: -- COMPLETED: September 2, 1979

DIP: 90° ULTIMATE DEPTH: 15.24m/50ft.

LOGGED BY: R. Cann PROPOSED DEPTH:

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>pleistocene Overburden</u> dark brown to med. brown clay rich sand basalt and granodiorite cuttings common	0	Background (2200)				
	<u>miocene Sediments (?)</u> yellow-brown and rusty granitic sand 40% clay 4.6/15-6.1/20 10% clay 6.1/20 - 7.6/25 pebbles of granite	4.6/15	2800		1.52		
			2800		1.52	9143	.003
	<u>Basement</u> chloritized granodiorite	7.6/25	2500-3000				
	END OF HOLE	15.2/50					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard
 SHEET NUMBER: 1 of 2 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-p-49
 COLLAR: 1945.81N, 242.41W CLAIM NAME: Patricia STARTED: September 9, 1979
 ELEVATION: 1320.31 BEARING: — COMPLETED: September 9, 1979
 DIP: 90° ULTIMATE DEPTH: 21.33m/70ft.
 LOGGED BY: R. Cann PROPOSED DEPTH:

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>pleistocene Overburden</u> - fine grey-brown sand - few pebbles of basalt	0	Background (3300)				
	<u>Miocene Sediments</u> 3.0/10 - 7.6/25 - grey-green to yellow-brown sand - medium to coarse grained - granitic composition - well sorted - less than 10% clay	3.0/10	3000		1.52	9145	.001
			3200		1.52	9146	.001
			3000		1.52	9147	.001
	7.6/25 - 12.8/42 - pale brown coarse granitic sand and gravel		3800		1.52	9148	.001
	- 70% feldspar, 20% clear and smokey quartz, 3-5% biotite		3500		1.52	9149	.001
	10.1/33 - 10.7/35 - dark rusty-brown clay present		3500		1.52	9150	.001

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard . HOLE NUMBER: 79-P-49 . SHEET NUMBER: 2 of 2

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>Basement</u>	12.8/42	3500		1.52	9151	.001
	- coarse-grained chloritized granodiorite		7000				
	- approx. 25% quartz 50% feldspar, 25% chloritized mafics		6500		1.52	9152	.003
	-cuttings dar grey-green colour		5500		1.52		
			5000		1.52		
	END OF HOLE	21.3/70	5000		1.52		

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard
 SHEET NUMBER: 1 of 2 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-50
 COLLAR: 1914.01N, 215.68W CLAIM NAME: Patricia STARTED: September 9, 1979
 ELEVATION: 1311.69 BEARING: --- COMPLETED: September 9, 1979
 DIP: 90° ULTIMATE DEPTH: 12.19m/40ft.
 Background = 2300 cpm LOGGED BY: R. Cann PROPOSED DEPTH: ---

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U3O8 CHEMICAL
	No cuttings	0					
	<u>Pleistocene Overburden</u> - grey - till	1.5/5	2500		1.52	9153	.001
	<u>Miocene Sediments</u> - rusty brown coarse granitic sandstone and conglomerate - grains and chips are mainly granodiorite - minor muscovite - clay content increases with depth ie. 20% from 3.0/10 - 4.6/15; 30 to 40% from 4.6/15 - 6.1/20 - trace autunite visible under U.V.	1.8/6	2800		1.52	9154	.001
12 K				1.52	9155	.006	
				1.52			
	<u>Basement</u>	6.4/21	5500				

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard . HOLE NUMBER: 79-P-50 . SHEET NUMBER: 2 of 2

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	6.4/21 - 8.2/27 - pale brown weathered granodiorite		3500		1.52		
	8.2/27 - 12.2/40 - chloritized granodiorite - 15% mafics, 10% quartz, 75% feldspar, 1% pyrite - cuttings pale green-grey - locally hematitic as at 11.9/39		3500		1.52		
			3000		1.52		
	END OF HOLE	12.2/40					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-51

COLLAR: 1345.02N, 304.19W CLAIM NAME: Patricia STARTED: September 9, 1979

ELEVATION: 1312.01 BEARING: --- COMPLETED: September 9, 1979

DIP: 90° ULTIMATE DEPTH: 7.62 m/25 ft.

LOGGED BY: R. Cann PROPOSED DEPTH: ---

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>Pleistocene Overburden</u> - light grey-brown clayey sand - 30% clay - pink feldspar grains commond in sand	0					
	<u>Basement</u> - medium grained, chloritized granodiorite - 15% mafics, 10% quartz, 75% feldspar - intensely chloritized - hematitic - cuttings pale grey to pink grey, dark green - minor pyrite	3.0/10	All bags below background (3200)				
	END OF HOLE	7.6/25					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard
 SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-52
 COLLAR: 1857.25N, 215.86W CLAIM NAME: Patricia STARTED: September 9, 1979
 ELEVATION: 1306.54 BEARING: — COMPLETED: September 9, 1979
 DIP: 90° ULTIMATE DEPTH: 10.67 m/35 ft.
 LOGGED BY: R. Cann PROPOSED DEPTH: —

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	No cuttings	0					
	Miocene Sediments 1.5/5 - 3.0/10 - rusty brown, fine grained sandstone	1.5/5	8500		1.52	9156	.004
	3.0/10 - 4.6/15 - yellow-grey medium grained sandstone and conglomerate - boulders of granodiorite - dark grey-green reduced sandstone at 4.0/13 - muscovite flakes common - 1% autunite visible under H.V.		8500		1.52	9157	.015
	Basement - pale brown-green cuttings - very soft - chloritized granitic	4.6/15	Background (3200)				
	END OF HOLE	10.7/35					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-53

COLLAR: 1751.28N, 425.37W CLAIM NAME: Patricia STARTED: September 9, 1979

ELEVATION: 1305.26 BEARING: --- COMPLETED: September 9, 1979

DIP: 90° ULTIMATE DEPTH: 6.10m/20ft.

LOGGED BY: R. Cann PROPOSED DEPTH: -----

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U3O8 CHEMICAL
	(1-2 ft. of overburden not collected)						
	Basement 0.6/2 - 4.0/13 - pale brown, weathered granodiorite - FeO stained - 15% mafics	0.6/2	All bags background				
	4.0/13 - 6.1/20 - moderately chloritized granodiorite - no FeO staining - cuttings pale green-grey		(3000)				
	END OF HOLE	6.1/20					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-p-54

COLLAR: 1743.73N, 364.10W CLAIM NAME: Patricia STARTED: September 9, 1979

ELEVATION: 1301.75 BEARING: — COMPLETED: September 9, 1979

DIP: 90° ULTIMATE DEPTH: 9.14 m/30 ft.

LOGGED BY: R. Cann PROPOSED DEPTH:

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	No cuttings	0					
	<u>Pleistocene Overburden</u> - pale grey-brown and dark brown boulder till - large boulders of basalt and granodiorite	1.5/5	All bags background				
	<u>Basement</u> - moderately chloritized granodiorite - 10% chloritized mafics, 10% quartz, 80% white feldspar - cuttings pale green-grey	3.7/12	(3000)				
	END OF HOLE	9.1/30					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-55

COLLAR: 1740.84N, 303.10W CLAIM NAME: Patricia STARTED: September 9, 1979

ELEVATION: 1297.77 BEARING: --- COMPLETED: September 9, 1979

DIP: 90° ULTIMATE DEPTH: 9.14m/30ft.

LOGGED BY: R. Cann PROPOSED DEPTH: ---

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	No cuttings	0					
	<u>Pleistocene Overburden</u> - dark grey-brown boulder till - boulders of basalt and granodiorite	1.5/5	All bags background				
	<u>Basement</u> - medium grained, chloritized granodiorite - 5% mafics, 30% quartz, 65% white feldspar - cuttings pale green-grey	2.7 /9	(3000)				
	END OF HOLE	9.1/30					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard
 SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-56
 COLLAR: 1746.59N, 242.91 CLAIM NAME: Patricia STARTED: September 9, 1979
 ELEVATION: 1294.65 BEARING: --- COMPLETED: September 9, 1979
 DIP: 90° ULTIMATE DEPTH: 9.14m/30ft.
 LOGGED BY: R. Cann PROPOSED DEPTH: ---

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>Pleistocene Overburden</u> - grey-brown bouldery sand and gravel - boulders mainly granodiorite with minor basalt	0					
			All bags				
	<u>Basement</u> 1.5/5 - 2.4/8 - weathered granodiorite - 30% rusty granodiorite, 30% chloritic granodiorite, 30% fine sand and clay, 10% quartz grains - cuttings pale brown	1.5/5	background (3500)				
	2.4/8 - 9.1/30 - slightly chloritized, medium grained granodiorite - 20% mafics, 50% feldspar, 30% quartz						
	END OF HOLE	9.1/30					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard
 SHEET NUMBER: 1 of 2 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-68
 COLLAR: 1886.18N, 210.06W CLAIM NAME: Patricia STARTED: September 11, 1979
 ELEVATION: 1311.49 BEARING: --- COMPLETED: September 11, 1979
 DIP: 90° ULTIMATE DEPTH: 21.33m/70ft.
 LOGGED BY: R. Cann PROPOSED DEPTH: -----

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>Pleistocene Overburden</u> - grey, bouldery fine sand - boulders about 50% basalt, 50% granodiorite	0					
	<u>Miocene Sediments</u> 4.3/14 - 7.6/25 - medium grained pebbly sandstone - rusty brown - 15% yellow-brown clay - grains and pebbles of quartz, feldspar, and leucocratic granodiorite - trace autunite under U.V. lamp 4.6/15 - 6.1/20	4.3/14					
			4000		1.52	9187	.003
			11K		1.52	9188	.006
	7.6/25 - 10.7/35 - brown-grey coarse sand		14K		1.52	9189	.066

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

HOLE NUMBER: 79-P-68

SHEET NUMBER: 2 of 2

DEPTH LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		U3O8 CHEMICAL
					INTERVAL (meters)	NUMBER	
	- 10% brown clay - pebbles of granodiorite - 1-2% autunite		20K		1.52	9190	.077
	10.7/35 - 13.1/43 - yellow-grey gravel and conglomerate - 5% grey-brown clay - grains of feldspar and muscovite - cuttings of leucocratic granodiorite - approx. 0.5% autunite under U.V. lamp		23K		1.52	9191	.035
	10.7/35 - 12.2/40		11K		1.52	9192	.004
	<u>Basement</u>	13.1/43	Background		1.52		
	- chloritized granodiorite		(3000)		1.52		
	- 5-10% mafics, 10% quartz 80% white feldspar		3000		1.52		
	- cuttings grey-green		3000		1.52	9193	Trace
	- trace autunite 18.3/60 - 19.8/65		3000		1.52		
	END OF HOLE	21.3/70					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 2 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-69

COLLAR: 1953.11N, 210.76W CLAIM NAME: Patricia STARTED: September 11, 1979

ELEVATION: 1312.67 BEARING: _____ COMPLETED: September 11, 1979

DIP: 90° ULTIMATE DEPTH: 21.33m/70ft.

LOGGED BY: R. Cann PROPOSED DEPTH: _____

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>Pleistocene Overburden</u> - grey-brown sand and gravel - grains and boulders of basalt and granodiorite	0 1.5/5	Background (3000)				
	<u>Miocene Sediments</u> 2.13/7 - 7.6/25 - orange-brown sand and gravel - 10% orange clay, 40% sand, 50% gravel and coarse cuttings of leucocratic granodiorite sand is about 30% quartz and 70% white feldspar and grains - trace autunite seen under U.V. lamp 1.5/5-3.0/10	2.13/7	3000		1.52	9158	.001
			3000		1.52	9159	.001
			3000		1.52	9160	.001
			3300		1.52	9161	.001

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

HOLE NUMBER: 79-P-69

SHEET NUMBER: 2 of 2

DEPTH LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		U308 CHEMICAL
					INTERVAL (meters)	NUMBER	
	7.6/25-13.7/45						
	- yellow-grey coarse sand and gravel		8000		1.52	9162	.001
	- sand is 60% feldspar, 22% clear and smokey quartz, 15% clay, 1-2% biotite, 2% muscovite		10K		1.52	9163	.031
	- trace autunite under U.V. lamp 9.1/30 - 13.7/45		5500		1.52	9164	.004
			7000		1.52	9165	.007
	13.7/45 - 16.8/55						
	- yellow-grey gravel and sand				1.52	9166	.003
	- description as above but only minor clay		4000				
	- trace autunite 13.7/45- 15.2/50		3500		1.52	9167	.003
	<u>Basement</u>	16.8/55					
	- moderately chloritized granodiorite		All bags				
	- 20% mafics, 15% quartz 65% feldspar		background				
	- cuttings grey in colour						
	END OF HOLE	21.3/70	(3000				

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard
 SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-72
 COLLAR: 1923.71N, 91.41W CLAIM NAME: Patricia STARTED: September 12, 1979
 ELEVATION: 1308.38 BEARING: _____ COMPLETED: September 12, 1979
 DIP: 90° ULTIMATE DEPTH: 9.14m/30ft.
 LOGGED BY: R. Cann PROPOSED DEPTH: _____

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	No cuttings	0					
	Basement 1.5/5 - 4.6/15 - weathered basement - cuttings pale brown - medium grained granodiorite	1.5/5	All bags background				
	4.6/15 - 9.1/30 - chloritic granodiorite - 15% mafics - cuttings pale grey-green		(2000)				
	END OF HOLE	9.1/30					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard
 SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-73
 COLLAR: 1220.72N, 154.92W CLAIM NAME: Patricia STARTED: September 12, 1979
 ELEVATION: 1309.98 BEARING: --- COMPLETED: September 12, 1979
 DIP: 90° ULTIMATE DEPTH: 12.19/40ft.
 LOGGED BY: R. Cann PROPOSED DEPTH: -----

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	No cuttings	0					
	<u>Pleistocene Overburden</u> - light brown bouldery sand - 10% clay - boulders mainly of leucocratic granodiorite - 5% basalt boulders	1.5/5	All bags background (3000)				
	<u>Basement</u> 4.6/15 - 6.1/20 - weathered basement - soft, light brown fine sand - fine grains of FeO stained granodiorite	4.6/15					
	6.1/20 - 12.19/40 - very soft - no coarse cuttings - pale cream-brown cuttings						
	END OF HOLE	12.2/40					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard
 SHEET NUMBER: 1 of 1 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-74
 COLLAR: 1840.83N, 211.59W CLAIM NAME: Patricia STARTED: September 12, 1979
 ELEVATION: 1303.17 BEARING: _____ COMPLETED: September 12, 1979
 DIP: 90° ULTIMATE DEPTH: 9.14m/30ft.
 LOGGED BY: R. Cann PROPOSED DEPTH: _____

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>Pleistocene Overburden</u> - brown-grey bouldery sand - boulders of basalt and granodiorite	0					
	<u>Miocene Sediment</u> - brown coarse granitic sand - 30% clay - pebbles of granodiorite	1.5/5	All bags background (2800)		1.52	9195	.001
	<u>Basement</u> - chloritic granodiorite - 15% mafics, 10% quartz, 75% white feldspar - cuttings grey to green-grey	3.0/10					
	END OF HOLE	9.1/30					

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 2 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-75

COLLAR: 1841.69N, 180.42W CLAIM NAME: Patricia STARTED: September 12, 1979

ELEVATION: 1302.49 BEARING: --- COMPLETED: September 12, 1979

DIP: 90° ULTIMATE DEPTH: 27.43m/90ft.

LOGGED BY: R. Cann PROPOSED DEPTH: -----

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>Pleistocene Overburden</u> 0 - 1.5/5 - dark brown, well sorted fine sand - boulders of granodiorite and basalt	0					
	1.5/5 - 10.7/35 - well sorted, grey, fine sand - locally gravelly and conglomeratic	6.1/20-----	All bags background or below (3200)				
	- 75% basalt boulders, 25% granodiorite boulders - trace autunite 6.1/20- 10.7/35 under U.V.lamp				1.52	9196	.001
					1.52	9197	.001
					1.52	9198	.001
	<u>Miocene Sediments ??</u> 10.7/35 - 19.8/65	10.7/35			1.52	9199	.001
					1.52	9200	.001

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard . HOLE NUMBER: 79-P-75 . SHEET NUMBER: 2 of 2

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
<ul style="list-style-type: none"> - pale yellow-brown granitic sand - fine to coarse grained - 10% clay, 70% feldspar, 20% quartz grains, minor muscovite - few chips granodiorite - rusty brown sand 17.4/57 - 17.7/58 <p>19.8/65 - 22.9/75</p> <ul style="list-style-type: none"> - grey sandy mudstone - few grains of quartz and feldspar 					1.52	9201	.001
					1.52	9202	.001
					1.52	9203	.001
					1.52	9204	.001
					1.52	9205	.001
					1.52	9206	.001
					1.52	9206	.001
<p><u>Basement</u></p> <ul style="list-style-type: none"> - chloritic granodiorite - 5% mafics, 20% quartz, 70% feldspar, 2-3% rusty grains - medium grained - cuttings green-grey <p>END OF HOLE</p>	22.9/75						
	27.4/90						

NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

SHEET NUMBER: 1 of 2 N.T.S. NUMBER: 82E/10 HOLE NUMBER: 79-P-76

COLLAR: 1837.73N, 151.70W CLAIM NAME: Patricia STARTED: September 12, 1979

ELEVATION: 1300.04 BEARING: --- COMPLETED: September 12, 1979

DIP: 90 ULTIMATE DEPTH: 12.19m/40ft.

LOGGED BY: R. Cann PROPOSED DEPTH: -----

LITHO-LOG	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		
					INTERVAL (meters)	NUMBER	U308 CHEMICAL
	<u>Pleistocene Overburden</u> - dark yellow-brown, bouldery, clayey sand - abundant basalt chips	0					
	<u>Miocene Sediment (?)</u> - pale grey-brown clayey granitic sand - 30% brown clay, 15% leucob-granodiorite pebbles, 20% quartz grains, 25% feldspar grains - trace autunite under U.V. lamp	1.5/5	All bags background or lower (2800)		1.52	9207	.001
	<u>Basement</u> 3.0/10-6.1/20 - soft brown-grey clay, quartz and feldspar	3.0/10					

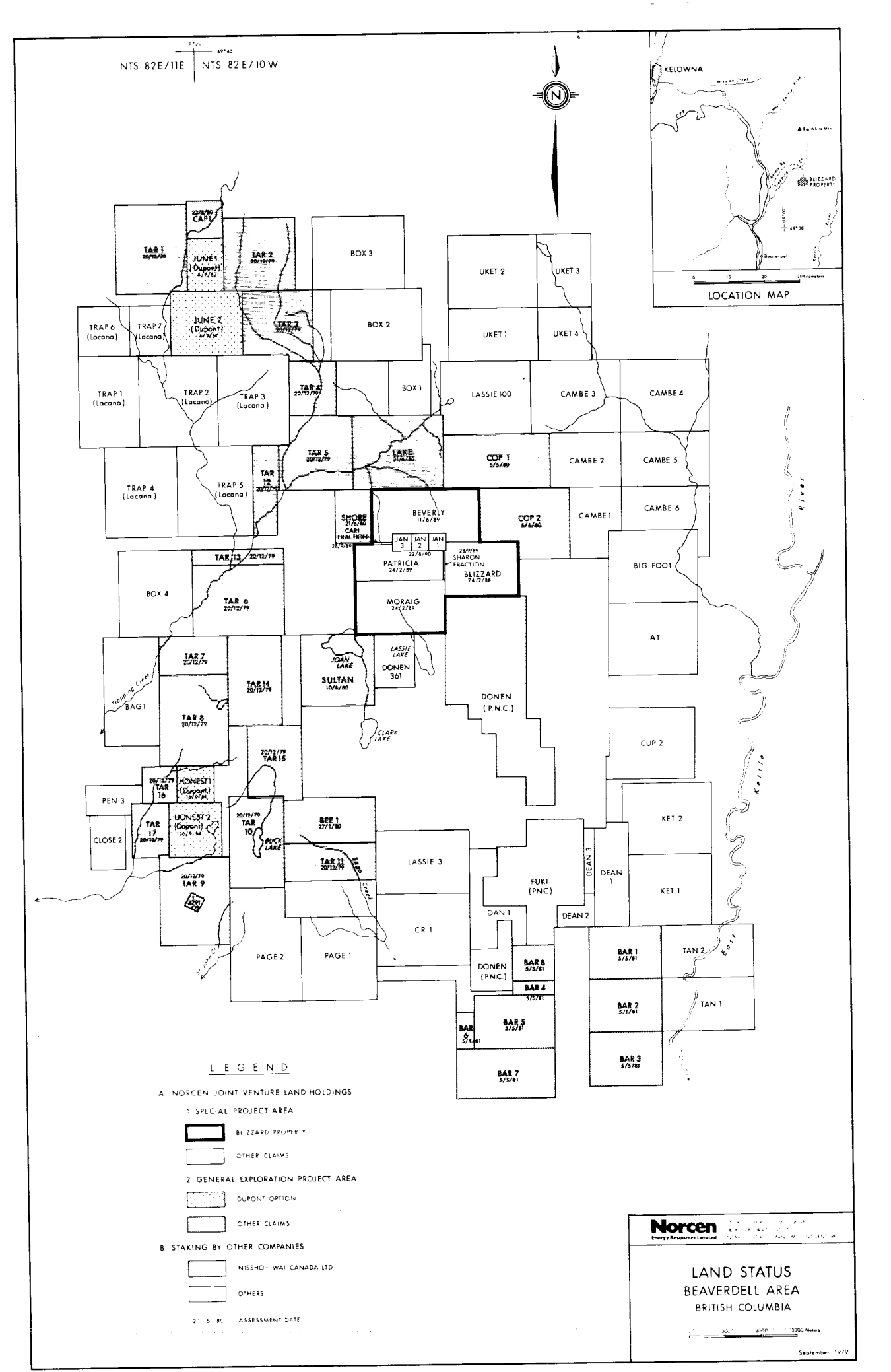
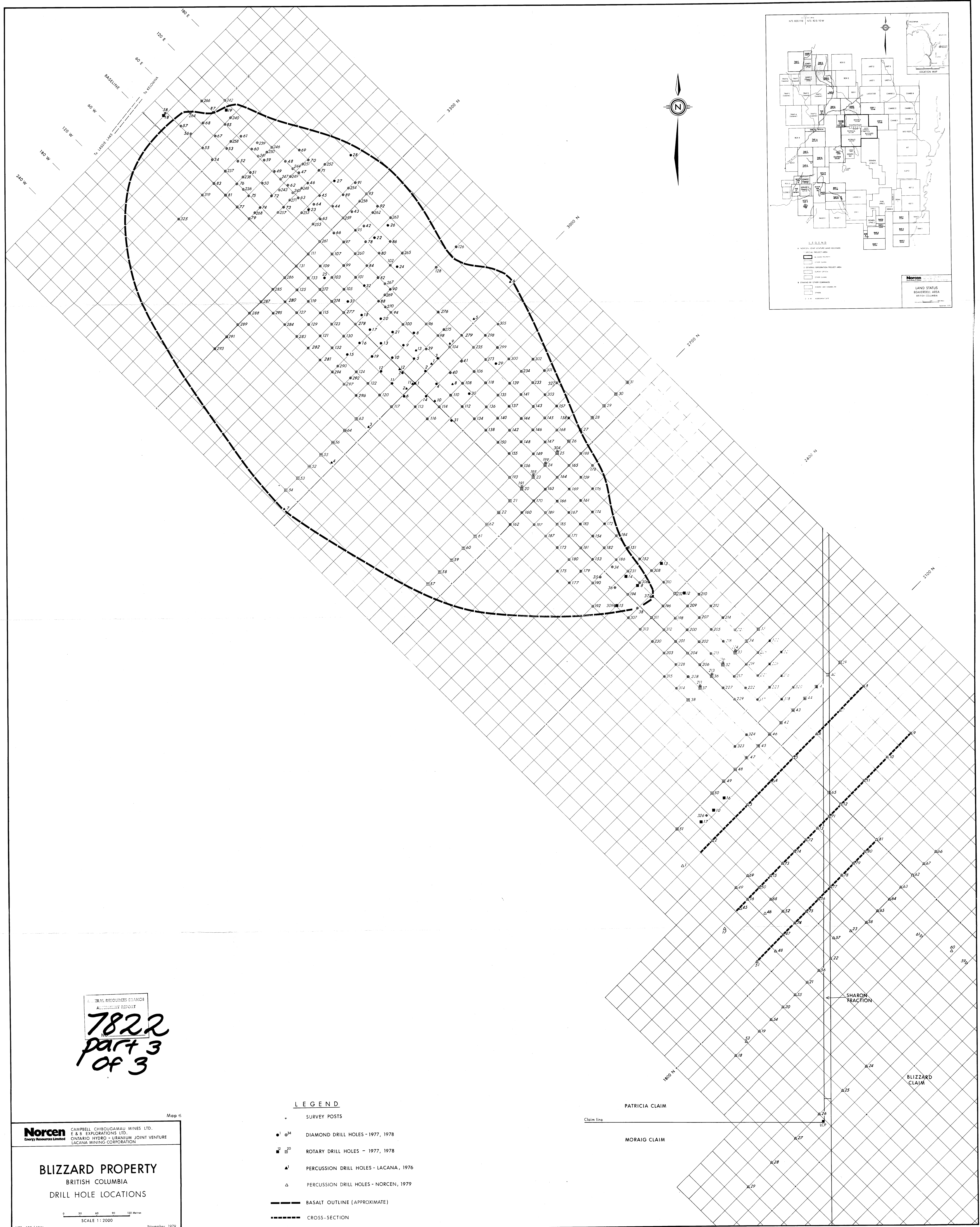
NORCEN ENERGY RESOURCES LIMITED
DIAMOND DRILL RECORD - URANIUM

PROPERTY: Blizzard

HOLE NUMBER: 79-P-76

SHEET NUMBER: 2 of 2

DEPTH	DESCRIPTION	DEPTH (meters/ft)	TV-1A BAG COUNT cpm	% CORE RECOVERY	ASSAY		UJOR CHEMICAL
					INTERVAL (meters)	NUMBER	
6.1/20 - 12.2/40	- chloritic granodiorite - 50% quartz, 45% feldspar 1-2% mafics - well chloritized, locally hematitic e.g. 8.5/28 - cuttings pale green 6.1/20-10.7-35, grey 10.7/35 - 12.2/40						
END OF HOLE		12.2/40					



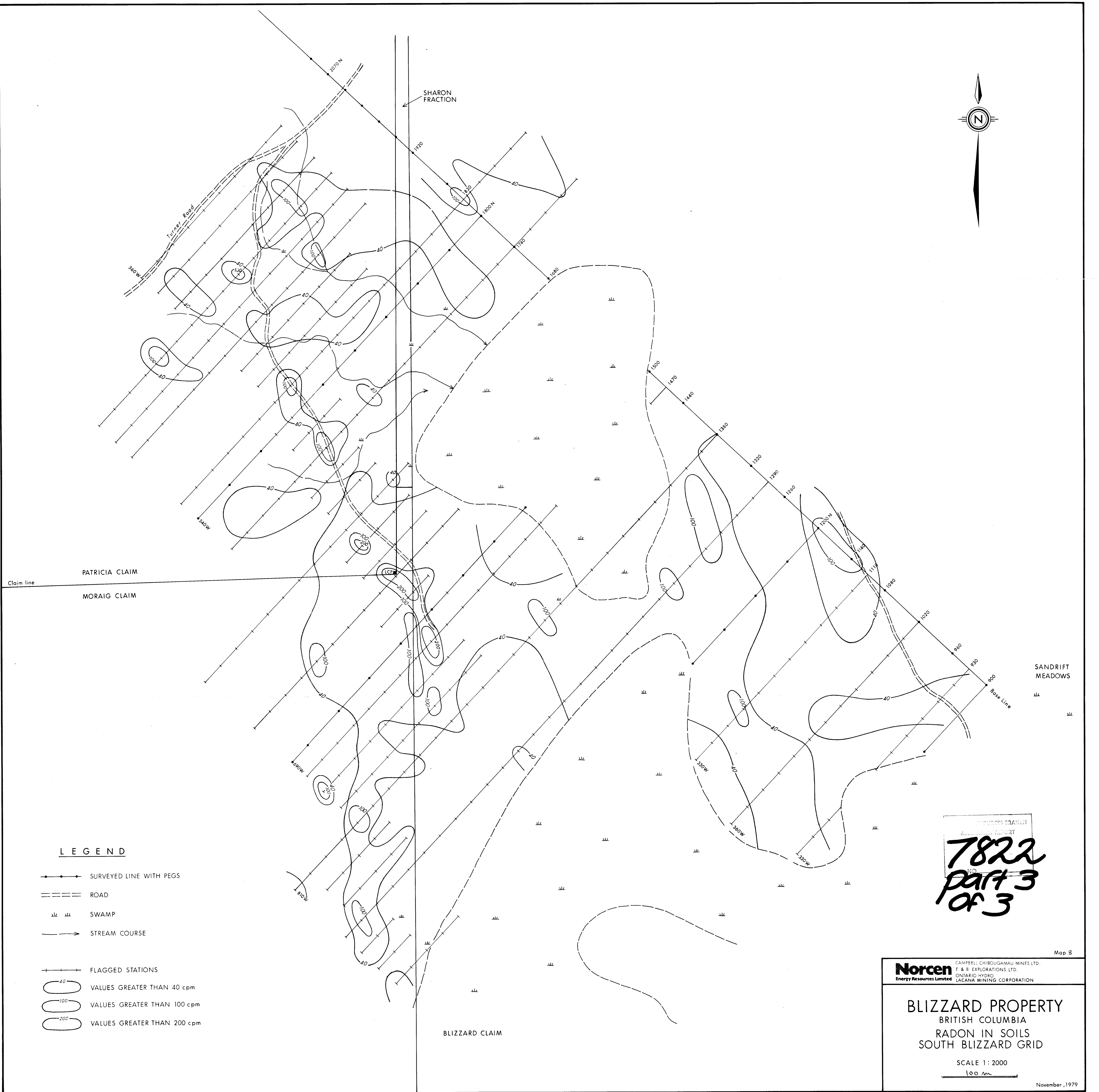
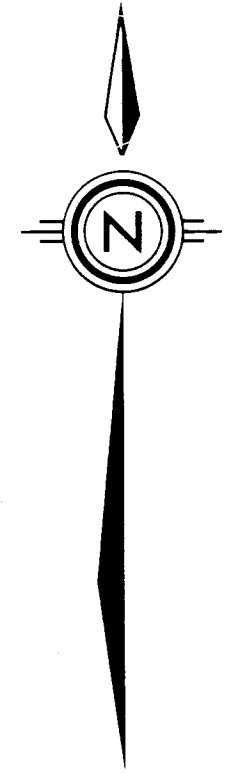
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7822
part 3
of 3

- LEGEND**
- SURVEY POSTS
 - DIAMOND DRILL HOLES - 1977, 1978
 - ROTARY DRILL HOLES - 1977, 1978
 - ▲ PERCUSSION DRILL HOLES - LACANA, 1976
 - △ PERCUSSION DRILL HOLES - NORCEN, 1979
 - BASALT OUTLINE (APPROXIMATE)
 - - - - - CROSS-SECTION

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ONTARIO HYDRO - URANIUM JOINT VENTURE
LACANA MINING CORPORATION

BLIZZARD PROPERTY
BRITISH COLUMBIA
DRILL HOLE LOCATIONS

Map 45
SCALE 1:2000
November, 1979



LEGEND

- SURVEYED LINE WITH PEGS
- ==== ROAD
- ≡≡≡ SWAMP
- STREAM COURSE
- |— FLAGGED STATIONS
- 40 VALUES GREATER THAN 40 cpm
- 100 VALUES GREATER THAN 100 cpm
- 200 VALUES GREATER THAN 200 cpm

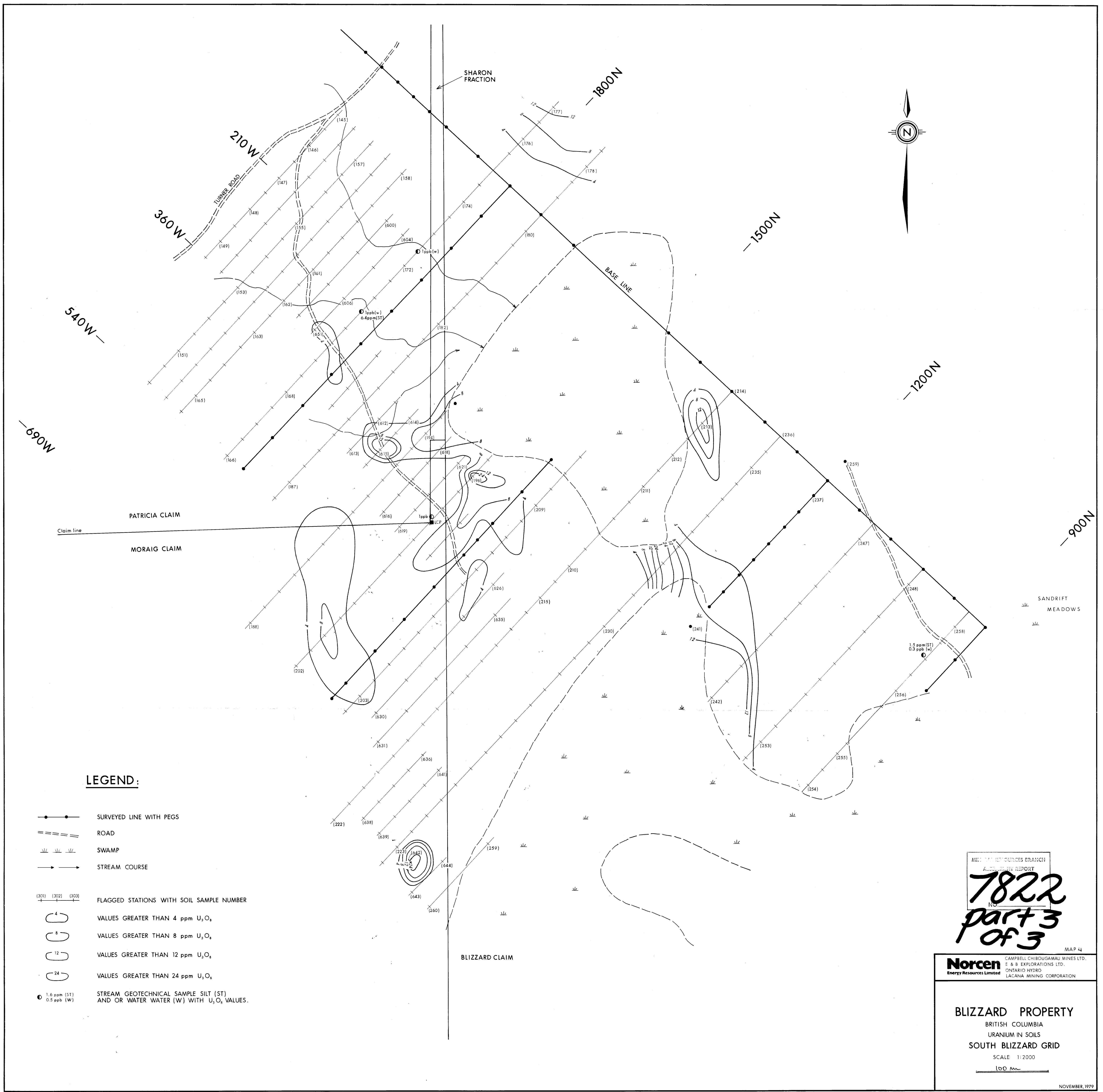
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7822
 NO. _____
PART 3
OF 3

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BLIZZARD PROPERTY
 BRITISH COLUMBIA
 RADON IN SOILS
 SOUTH BLIZZARD GRID

SCALE 1 : 2000

Map 8
 November, 1979



LEGEND:

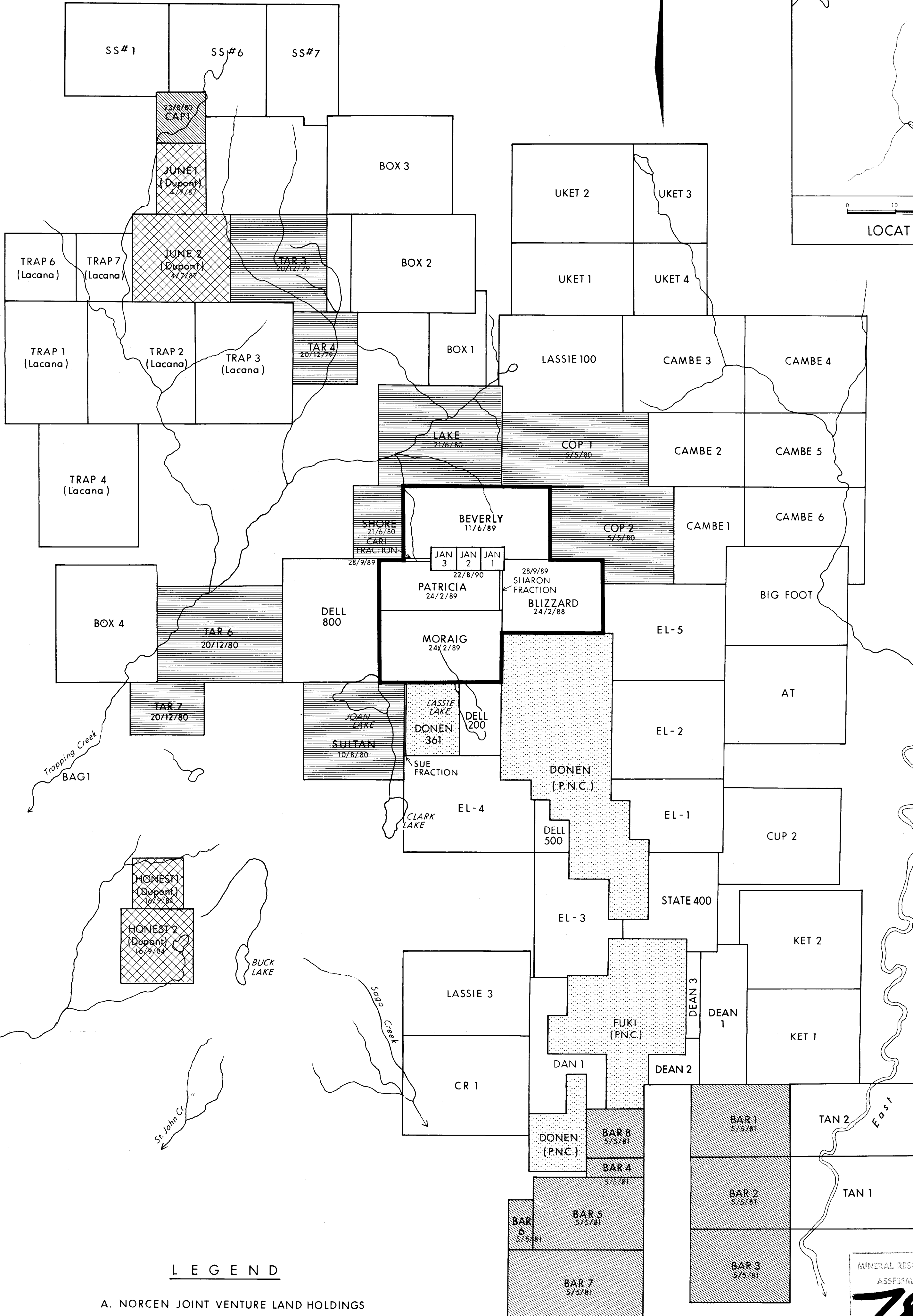
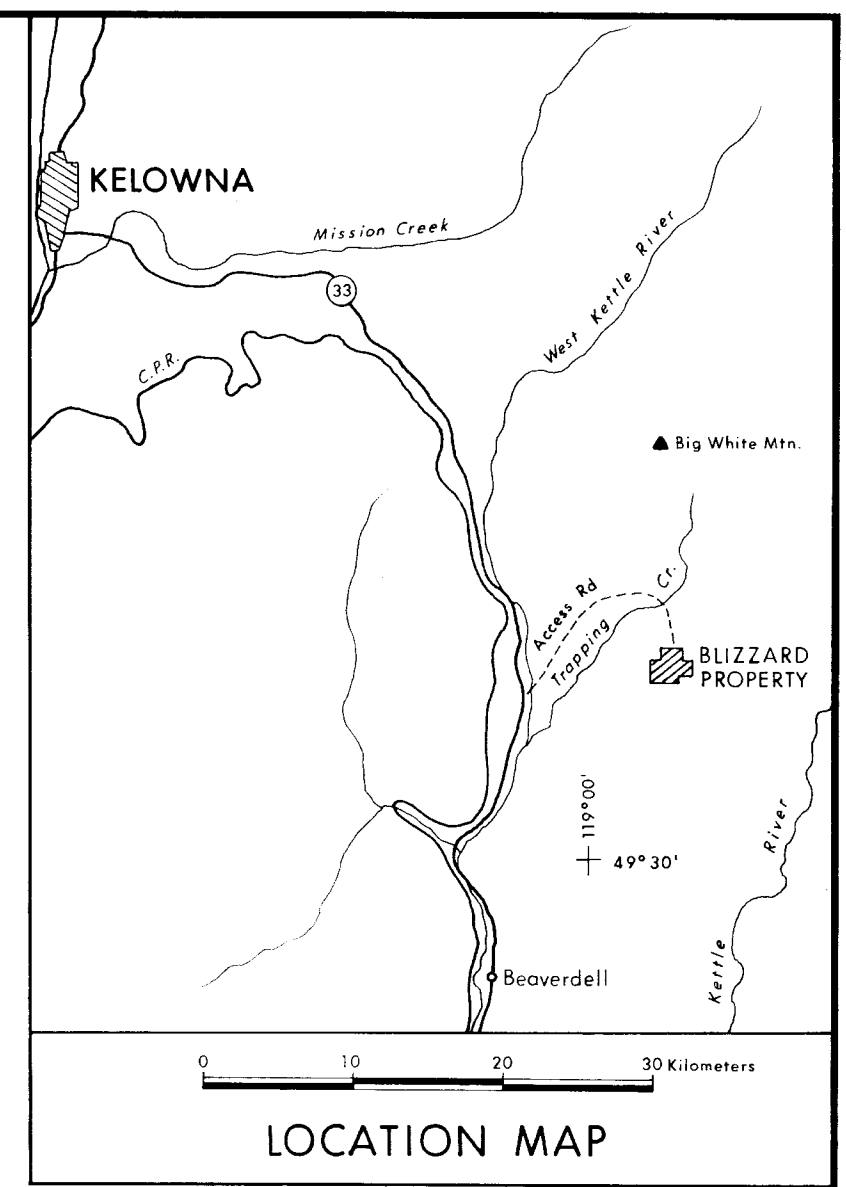
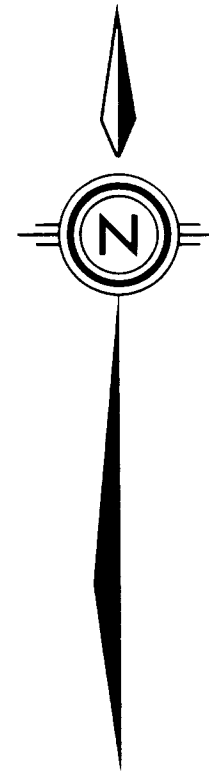
- SURVEYED LINE WITH PEGS
- == ROAD
- ≡ SWAMP
- STREAM COURSE
- (301) (302) (303) FLAGGED STATIONS WITH SOIL SAMPLE NUMBER
- ④ VALUES GREATER THAN 4 ppm U₃O₈
- ⑧ VALUES GREATER THAN 8 ppm U₃O₈
- ⑫ VALUES GREATER THAN 12 ppm U₃O₈
- ⑳ VALUES GREATER THAN 24 ppm U₃O₈
- 1.6 ppm (ST)
0.5 ppb (W) STREAM GEOTECHNICAL SAMPLE SILT (ST) AND OR WATER (W) WITH U₃O₈ VALUES.

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7822
NO.
part 3
of 3

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ONTARIO HYDRO
LACANA MINING CORPORATION

BLIZZARD PROPERTY
BRITISH COLUMBIA
URANIUM IN SOILS
SOUTH BLIZZARD GRID
SCALE 1:2000
100 M

119°00' 49°45'
 NTS 82E/11E NTS 82E/10W



LEGEND

A. NORCEN JOINT VENTURE LAND HOLDINGS

1. SPECIAL PROJECT AREA

- BLIZZARD PROPERTY
- OTHER CLAIMS

2. GENERAL EXPLORATION PROJECT AREA

- DUPONT OPTION
- OTHER CLAIMS

B. STAKING BY OTHER COMPANIES

- NISSHO-IWAI CANADA LTD.
 - OTHERS
- 21 / 5 / 80 ASSESSMENT DATE

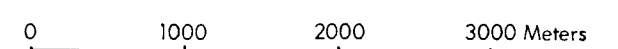
MINERAL RESOURCES BRANCH
 ASSESSMENT REPORT

7822
Part 3 of 3

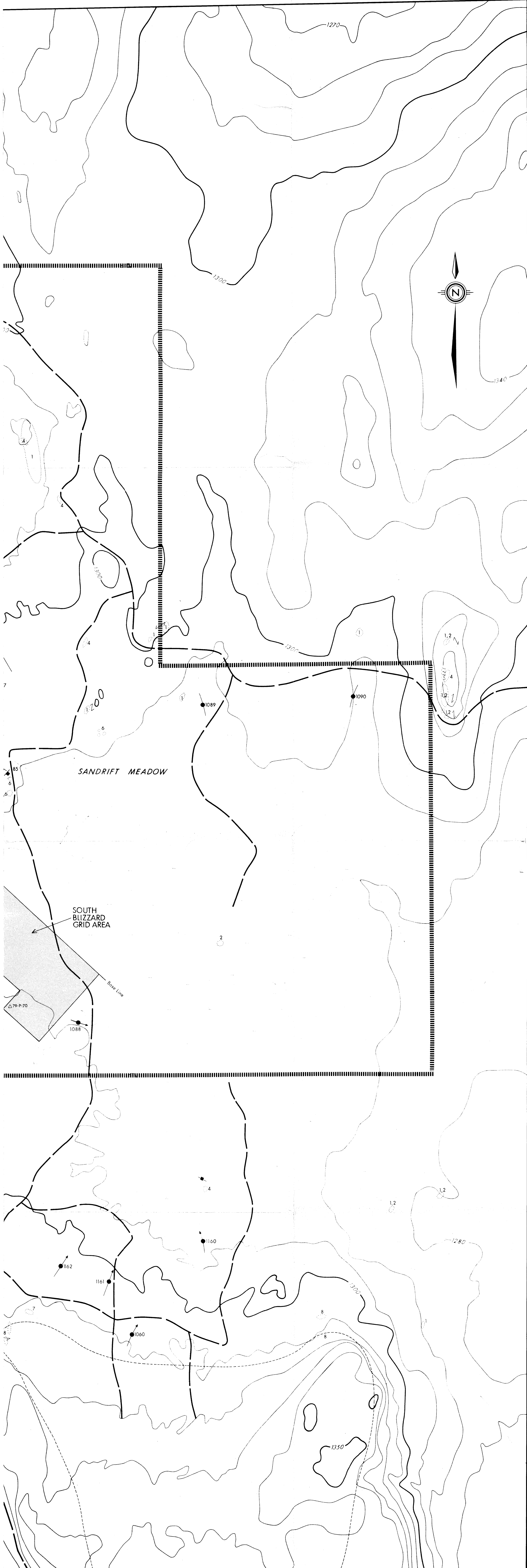
MAP 1

Norcen Energy Resources Limited
 CAMPBELL CHIBOUGAMAU MINES LTD.
 E & B EXPLORATIONS LTD.
 ONTARIO HYDRO-URANIUM JOINT VENTURE

**LAND STATUS
 BEAVERDELL AREA
 BRITISH COLUMBIA**



FEBRUARY, 1980



GEOLOGICAL COLUMN

CENOZOIC	PLEISTOCENE	-	Gravel and Sand
	TERTIARY	8	Olivine basalt
		7	Loosely Consolidated Sediments (Sand, Silt, Clay, Gravel)
MESOZOIC	CRETACEOUS	6	Pegmatite
		5	Amphibolite
		4	Mafic Dykes
		3	Felsic Dykes
		2	Nelson Plutonic Rocks - Hornblende Granite Granodiorite, locally foliated
	1	Valhalla Plutonic Rocks - Porphyritic Biotite Granite - Granodiorite	
* Note: Relative chronological order of Cretaceous rocks unknown			

SYMBOLS

- DRAINAGE
- INTERMITTENT STREAM
- ACCESS ROAD
- OUTLINE OF BASALT (APPROX.)
- G.S.C. SAMPLE LOCATION (STREAM WATER SAMPLE)
- G.S.C. SAMPLE LOCATION (LAKE WATER SAMPLE)
- OUTCROP
- INFERRED GEOLOGICAL CONTACT
- LINEAMENTS
- BLIZZARD PROPERTY BOUNDARY
- DRILL HOLE LOCATION
- FOLIATION ATTITUDE
- JOINT ATTITUDE
- FAULT

△ 70 PERCUSSION DRILL HOLE - 1979 (not on map?)

■ R-1 ROTARY DRILL HOLE - 1977

▨ AREAS COVERED BY 1979 RADON AND URANIUM IN SOIL SURVEYS.

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ASSESSMENT REPORT

7822
Part 3
of 3

MAP 2

Norcen CAMPBELL CHIBOUGAMAU MINES LTD.
E & B EXPLORATIONS LTD.
Energy Resources Limited ONTARIO HYDRO-URANIUM JOINT VENTURE

(LACANA MINING CORPORATION OPTION)

GEOLOGICAL COMPILATION
BLIZZARD PROPERTY

BRITISH COLUMBIA

0 50 100 150 200 Metres

SCALE - 1:5,000

NOVEMBER, 1979