CANADIAN OCCIDENTAL PETROLEUM LIMITED

MINERALS DIVISION

PROJECT PRINIC

GEOLOGY AND GEOCHEMISTRY OF THE

BALD 1-4 CLAIM GROUP

NTS 82L/4E

Lat.: 50° 04'N
Long.: 119° 33'W

Claims:

BALD 1	12 Units:	Tag no.	21755
BALD 2	20 Units:	"	21756
BALD 3	15 Units:	"	21757
BALD 4	15 Units:	"	21758

Vernon Mining Division, British Columbia

by:

D. M. ROBERTSON B.Sc. (Hons)

Work completed during the period May 21 to June 2 and June 21 to July 3, and July 22, 1979.

LIST OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF PLANS (in back pocket)

1. Geology and Rock Geochemistry
2. Soil Geochemistry, Uranium, Sample Locations and Values
3. Soil Geochemistry, Contoured Uranium Values
4. Scintillometer Survey,Location and Values of Readings
5. Scintillometer Survey, Radiometric Contours
6. Compilation of Geology, Soil Geochemical and Radiometric Anomalies
7. Schematic East-West Cross-Section

SUMMARY

Anomalous concentrations of uranium (up to 0.147% U_3O_8) occur in cedar bogs which lie along the eastern boundary of the BALD 1 - 4 Claim group. Two new claims, BALD 5 and 6, were staked to cover this area.

The uranium is thought to originate either from:- A: a postulated fault zone beneath the bogs or, B: as a result of deep leaching of uranium along well exposed fractures in the adjacent cliff face, or, C: possibly from as yet undiscovered "intragranitic" veins. A similar situation exists along the southern portion of the cliff in BALD 4.

Numerous scattered single and double point soil geochemical anomalies located around the headwaters of Bald Range and Stewart Creeks on BALD 1 and 2 appear to be related directly to the drainage pattern.

The majority of the BALD property is underlain by a late Jurassic intrusion of very heterogeneous quartz monzonite which varies to granodiorite and K-feldspar porphyry. A diorite phase is more common in the southern portion of the claims. Eocene basalt outcrops only at a few localities along the western boundary of the property.

Work on the BALD 1 - 4 claims during 1979 consisted of linecutting, geological mapping, geochemical soil and rock sampling and a scintillometer survey. Work was carried out on traverse lines spaced 800 feet (240 m) apart, with soil samples taken every 200 feet (60 m), rock chip samples taken roughly every 1500 feet (450 m), and scintillometer readings taken every 100 feet(30m). Geological mapping was carried out at a scale of one " to 400'(1:4800,/36.6 mi. (58.9 km)

of line were cut and picketed, and a total of 46.9 line miles (75.5 line km) were surveyed in the above manner. A total of 1405 samples were geochemically analyzed for uranium and 39 rock chips were also analyzed for thorium.

Further, more detailed prospecting and sampling is recommended along the cliff and in the bogs along the eastern boundary of BALD 2. A 500 foot drill hole, dipping 60° W is recommended at line 0 + 00 N, 91 + 60 E to test the postulated fault zone below the anomalous bog. Further, more detailed sampling and prospecting is also recommended over an anomalous bog on Line 32 + 00 N at 32 + 00W, in BALD 1.

INTRODUCTION

The BALD 1 - 4 claim group was staked to investigate the cause of anamalous stream sediment uranium values (up to 84 ppm) obtained from samples originally collected by Canadian Occidental during the 1973/74 Princeton/Nicky project. Staking was done under contract by Futura Developments Reg'd. of Whitehorse, Y.T. between June 4 and 7, 1978, and recorded at Vernon on June 29, 1978.

This report describes the results of geological mapping, geochemical soil and rock sampling, and of a scintillometer survey carried out during June and July of 1979 to evaluate the potential of the property for uranium mineralization. This work led to the staking of two additional claims, BALD 5 and 6, along the eastern boundary of the property, to cover a bog which was found to contain anomalous uranium values.

LOCATION AND ACCESS

The BALD 1 - 4 Claim group consists of 62 units covering an area of 15.5 sq. km and is located on the west side of the Okanagan Valley, 20 km north of Kelowna. The claims are located on NTS map sheet 82L/4E, "Shorts Creek", (see Fig. 1.).

Access is via the Terrace Mountain Main logging road, which begins at km 8 of the Bear Lake Main and runs along the eastern boundary of the property between km 18 and 23. This road can also be reached via a branch which turns off the West Side road approximately 2.3 km south of Fintry. There are numerous secondary logging roads in the area, many of which are still driveable or only need a minor amount of clearing. Crown Zellerbach are currently up-grading the main logging road which runs up Bald Range Creek in the centre of the property and are constructing new roads on the west side prior to logging off the timber in this area.

PHYSIOGRAPHY AND VEGETATION

The BALD 1 - 4 Claim group lies high up on the edge of the Thompson plateau, overlooking Lake Okanagan, and covers the head-waters of Bald Range Creek, which flows south, and Stewart Creek, which flows north. Relief over the property is 490 m (1600 feet) with elevations ranging from 900 m (3000 feet) in the valley of Bald Range Creek to 1400 m (4600 feet) along the western edge of BALD 1.

The plateau surface is covered by a thick layer of glacial till with the result that outcrop exposure is generally poor over the north central and west portions of the property. Outcrop is well

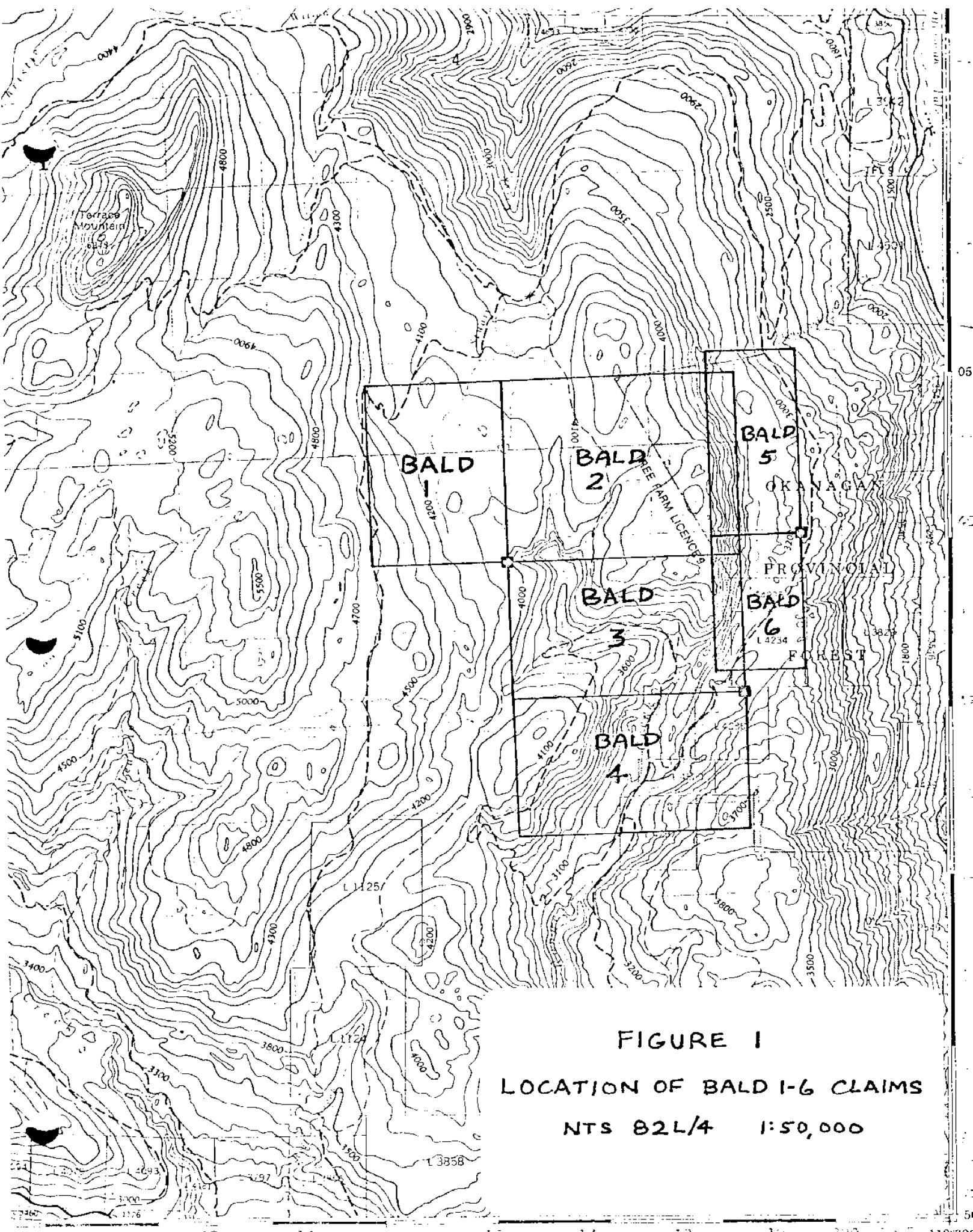


FIGURE 1

LOCATION OF BALD 1-6 CLAIMS

NTS 82L/4 1:50,000

exposed where Bald Range Creek has been deeply incised into the plateau and on the 300 m (1000 foot) high cliff which runs along the eastern boundary.

The area is well wooded with a mature stand of spruce and fir. The area has been selectively logged in the past, and it appears that Crown Zellerbach are beginning operations to continue logging off the central and western portions of the property.

PREVIOUS WORK

Canadian Occidental collected a total 18 stream silt samples within Areas 52 - 53 during the 1973/74 Princeton/Nicky project. Values ranged from 2.9 to 84 ppm U with a background of approximately 20 ppm.

One stream silt and water sample was collected on Bald Range Creek by the G.S.C. during the 1976 U.R.P. survey. The samples contained 6 ppm and 1.6 ppb uranium respectively.

During June 1978, Canadian Occidental conducted a detailed follow-up survey of the area. 79 stream and lake silts, 54 stream and lake waters, 3 heavy mineral, and 7 rock chip samples were collected and a recconaissance scintillometer survey, combined with geological mapping, was carried out. Values ranged from 0.5 to 200 ppm U in sediments and from 0.5 to 9.5 ppb U in waters. This work is described in a report "Geology and Geochemistry of the BALD Claim Group, by J. R. Hill, March, 1979".

No evidence of previous mineral claims was found.

WORK COMPLETED

Linecutting and Staking: A grid consisting of a north-south baseline and 2 tielines and 18 east-west crosslines spaced 800 feet (240 m) apart was cut over the property by Futura Developments Reg'd. of Penticton, B.C, during late May and early June, 1979. A total of 193,250 line feet (36.6 line miles/ 58.9 line km) were picketed.

Two additional claims were also staked along the eastern boundary of the property for Canadian Occidental by Futura Developments Reg'd. of Penticton, on July 24, 1979 and recorded at Vernon on August 14, 1979. Details are as follows: BALD 5 - 8 units - Tag # 21784; BALD 6 - 6 units, Tag # 19973.

Geological Mapping: Geological mapping was completed by E. Sacks and J. Hooper between May 21 and June 2, 1979 and by D.M. Robertson and M.J. Crandall between June 21 and July 3, 1979. A total of 247,500 line feet (46.9 line miles/ 75.5 line km) were mapped on traverse lines spaced 800 feet (240 m) apart. Average production was 5625 ft (1715 m)/person/day. Total area mapped was 15.5 sq. km (3828.5 acres).

Dr. R. H. Wallis, Chief Geologist, Canadian Occidental Petroleum Limited, Minerals Division, visited the property on June 25 and 26, 1979.

Geochemical Surveys: Geochemical soil sampling was carried out by E. Jermakowicz, C. Pelletier and B. Zayachkivsky between May 21 and June 2 and by D. Gugliemin, J. Krol and M. Bradshaw between June 21 and July 3, 1979. All were students employed by Canadian Occidental Petroleum Limited. 1233 'B' horizon mineral soil samples were collected at 200 foot (60 m) stations on lines spaced 800 feet

(240 m) apart. A total of 247,550 line feet (46.9 line miles, 75.5 line km) were sampled for an average production of 5625 feet (1715 m)/person/day. In addition, 36 samples were taken from four soil pits located at various sites on the property.

Four bog pits were also dug or augered in an attempt to determine whether uranium values continued at depth. 33 bog pit samples were taken.

D.M. Robertson and M.J. Crandall also collected 103 rock chip samples at approximately 1500 foot (460 m) intervals along traverse lines.

All samples were geochemically analyzed for uranium and 38 of the rock chip samples were analyzed for thorium. Table 1 lists sample numbers, sample type and number of geochemical determinations.

Scintillometer Survey: A total of 3449 readings were taken at 100 foot (30 m) stations on traverse lines spaced 800 feet (240 m) apart. This survey was carried out in conjunction with the soil sampling. A total of 247,550 line feet (46.9 line miles, 75.5 line km) were surveyed for an average production of 5625 feet (1715 m)/person/day.

Urtec model UG-130 scintillometers were used, set on the TC_2 @ 10 seconds channel. All readings were taken from hip level.

TABLE 1

Geochemical Sample Statistics

Sample No's	Type	Number	Elements Analyzed	Number of Geochem. Determinations
79PR-25001-25036	Soil pit	36	U	36
79PR-25037-25900	'B' soils	864	U	864
26001-26133	"	133	U	133
26152-26292	"	141	U	141
26301-26339	"	39	U	39
26401-26456	"	56	U	56
TOTAL SOILS		1269		1269
79PR-26134-26151-SB	Bog	18	U	18
26457-26471-SB	"	15	U	15
TOTAL BOGS		33		33
79PR-25901-25910-R	Rock	10	U, Th	20
25911-25930-R	"	20	U	20
25931-25940-R	"	10	U, Th	20
25941-25944-R	"	4	U	4
25951-25960-R	"	10	U, Th	20
25961-26000-R	"	40	U	40
26951-26959-R	"	9	U, Th	18
TOTAL ROCKS		103		
TOTAL SAMPLES		1405	TOTAL DETERMINATIONS	1444

+ 1 U assay on bog sample 26466-SB

GEOLOGY

Introduction: The BALD 1 - 4 Claim group is underlain by early Jurassic, Nelson quartz monzonite and by late Jurassic, Valhalla granodiorite which is unconformably overlain by Eocene Kamloops Group basalt along the western boundary of the claims. This is shown at 1:250,000 scale on G.S.C. Open File # 637, Southern Central British Columbia, by A.V. Okulitch, 1979. The regional geology is also described by A.G. Jones in G.S.C. Memoir 296 "Vernon Map Area, British Columbia" 1959. (G.S.C. map 105A).

The surficial geology of the region has been described by R.J. Fulton in G.S.C. Memior 380, 1975 "Quaternary Geology and Geomorphology, Nicola-Vernon Area, British Columbia".

Several genetic models for uranium mineralization were considered relevant to the BALD claims. These were : 1) mineralized, intragranitic veins associated with deuteric alteration of a "granitic" intrusion, 2) mineralization located within fault or deep shear zones as a result of deep leaching of the "granite", or 3) mineralization that has developed along the Eocene basalt/Jurassic granodiorite unconformity as a result of the passage of uraniferous groundwaters.

General Geology: The claims were mapped at a scale of one inch to 400 feet (1:4800) on traverse lines spaced approximately 800 feet (240 m) apart. The geology of the claim group is shown on Plan 1. A schematic cross-section is shown on Plan 7.

The majority of the property is underlain by a Jurassic intrusion of heterogeneous medium to coarse-grained quartz monzonite (Unit 1a) or granodiorite (Unit 1b) which commonly contains large perthite megacrysts (Unit 1c). Aplite dikes and pegmatite dikes are common as are xenoliths. This unit is well exposed along the eastern cliff where it tends to be closely jointed and fractured. There is little exposure on the plateau surface, but where exposed, the quartz monzonite tends to be more homogeneous, and forms more massive outcrops with fewer joints and fractures than along the cliff. Medium-grained diorite to quartz diorite (Unit 2) is found along and below the cliff on BALD 3 and 4. This unit is gradational to Unit 1, and probably forms a more mafic member of the same intrusion. Bands or pods of the diorite are often found in outcrops of the quartz monzonite.

Eocene Kamloops Group basalt or porphyritic andesite (Unit 3) unconformably overlies the intrusive rocks along the western boundary of the claims. This unit underlies all of the higher ground which rises up to Terrace Mountain, 3.5 km to the north west.

There is no evidence of intervening sediments along the uncomformity between the basalt and the quartz monzonite.

Table 2 lists the formations found on the BALD property.

TABLE 2

TABLE OF FORMATIONS

AGE	UNIT	ROCK TYPE
Eocene	3	Kamloops Group - dark, porphyritic, feldspar lath, basalt or andesite.
Jurassic	2	Diorite to Quartz Diorite: medium to coarse-grained, occasionally foliated biotite and biotite-hornblende diorite to quartz diorite; mafic content + 15%
	1a, b	Quartz monzonite to grandiorite heterogeneous, medium to coarse-grained hypidiomorphic granular; aplites, pegmatites, xenoliths common. < 10% mafics
	1c	K-feldspar(perthite) porphyry

Description of Rock Units:

Units 1a, b,c : Quartz monzonite, granodiorite, K-feldspar porphyry.

The distinction between the quartz monzonite (Unit 1a) and granodiorite (Unit 1b) is based on staining of hand specimens with

a solution of sodium cobaltinitrate to identify the K-feldspar. The character of the rock units is essentially similar except that the percentage of K-feldspar varies. The K-feldspar normally occurs as white to salmon coloured grains. Where the K-feldspar has formed as discrete perthite megacrysts (up to 5 mm) the rock is mapped as Unit 1c. The groundmass consists of a light toned medium to coarse-grained hypidiomorphic granular mosaic of plagioclase and 10 to 25% quartz with varying proportions of K-feldspar and 1 to 10% mafics, usually as biotite. The biotite is fresh black to bronze and commonly occurs as small clots, some of which appear to pseudomorph hornblende. Hornblende is found only rarely. Accessory minerals are sphene, apatite, magnetite and zircon. Minor chlorite and sericite are noted in thin sections made from rock samples taken in 1978.

Outcrops are often heterogeneous, with narrow fine-grained aplite dikes and coarse-grained K-feldspar-quartz pegmatites and mafic xenoliths which form bands or pods of varying extent. There is a suggestion that outcrops are more heterogeneous along the eastern cliff than on the plateau but this may reflect the much greater exposure of the former feature.

Unit 2: Diorite to quartz diorite.

This unit appears to be gradational with Unit 1, or at least does not show any obvious intrusive contacts or chilled borders, etc., but differs in that it contains significantly more mafics, (+ 15%) and does not contain obvious K-feldspar. This rock is medium-grained, hypidiomorphic granular, and consists of roughly 50% plagioclase, 40% biotite and hornblende and from 0 to 10% quartz. Sphene is a noticeable accessory mineral, forming up to 5% of the

rock and occurring as obvious fresh amber coloured grains. The rock tends to have a slight but pervasive foliation defined by the biotite. Some specimens have a slightly cataclastic texture as though the groundmass has been slightly disrupted which has resulted in some rotation or shearing of the plagioclase grains.

The diorite is found mainly along and above or below the eastern cliff in the south part of the claims. It may represent a potassium deficient zone in the intrusion or may be derived from older rocks which have been caught up and assimilated by the intrusion.

Unit 3: Kamloops Group, Porphyritic basalt or andesite.

This rock consists of feldspar laths up to 1 - 3 mm in diameter set in a dark felsic cryptocrystalline matrix. Pyroxene phenocrysts are evident but are not as common as the feldspar. The rock tends to have a platy fracture and commonly breaks into small plates or fragments. Due to the fine-grain size the mineralogy of the groundmass is not evident in hand specimens.

Only two small outliers of the basalt were found actually on the claims, close to the common boundary of BALD 3 and 4, however, the hillside above the claims to the west is underlain entirely by this unit.

Structure: The major structure on the claims is the 1000 foot (300 m) high cliff which runs along the eastern boundary of BALD 2 and 3 and passes through the centre of BALD 4. Rocks along the cliff are well exposed and are well jointed and strongly fractured. A north-south fault, probably dipping steeply east, has been inferred along the cliff. This would be one of a series of boundary

faults which formed the Okanagan graben during Tertiary rifting. A second, later east-west fault is inferred to explain the westerly off set of the southern portion of the cliff.

The deeply incised headwaters of Bald Range Creek are probably due to rapid downcutting by meltwater during Pleistocene deglaciation.

The Eocene basalt appears to have been deposited as a thick horizontal cap rock over the Jurassic rocks to the west of the claims with the plane of the unconformity following the pre-Tertiary topography.

Alteration and Mineralization: No uranium mineralization was noted on the claims. Alteration is restricted to normal secondary minerals with some sericite replacing plagioclase and chlorite replacing biotite (noted on thin sections in 1978). Limonite is common along joints and fractures in outcrops but does not normally pervade the groundmass of the rock. A minor amount of carbonate was noted along the cliff.

In general, the rock appears relatively fresh and unweathered with only occasional signs of alteration.

SOIL GEOCHEMISTRY

Introduction: The BALD 1 - 4 claims cover the headwaters of Bald Range Creek, which flows south, and Stewart Creek, which flows north. The creeks originate from a "saddle" of lower ground which lies between the high rocky knoll immediately adjacent to the eastern cliff and the hillside to the west which is underlain by the Eocene basalt.

In the latter areas, drift cover is thin and bedrock is well exposed, but in the area of the "saddle", drift cover is thick, soils are well developed and there is little outcrop. Much of this lower ground is poorly drained and bogs are common. There is also a series of string bogs along the base of the eastern cliff which feed into Bald Range Creek.

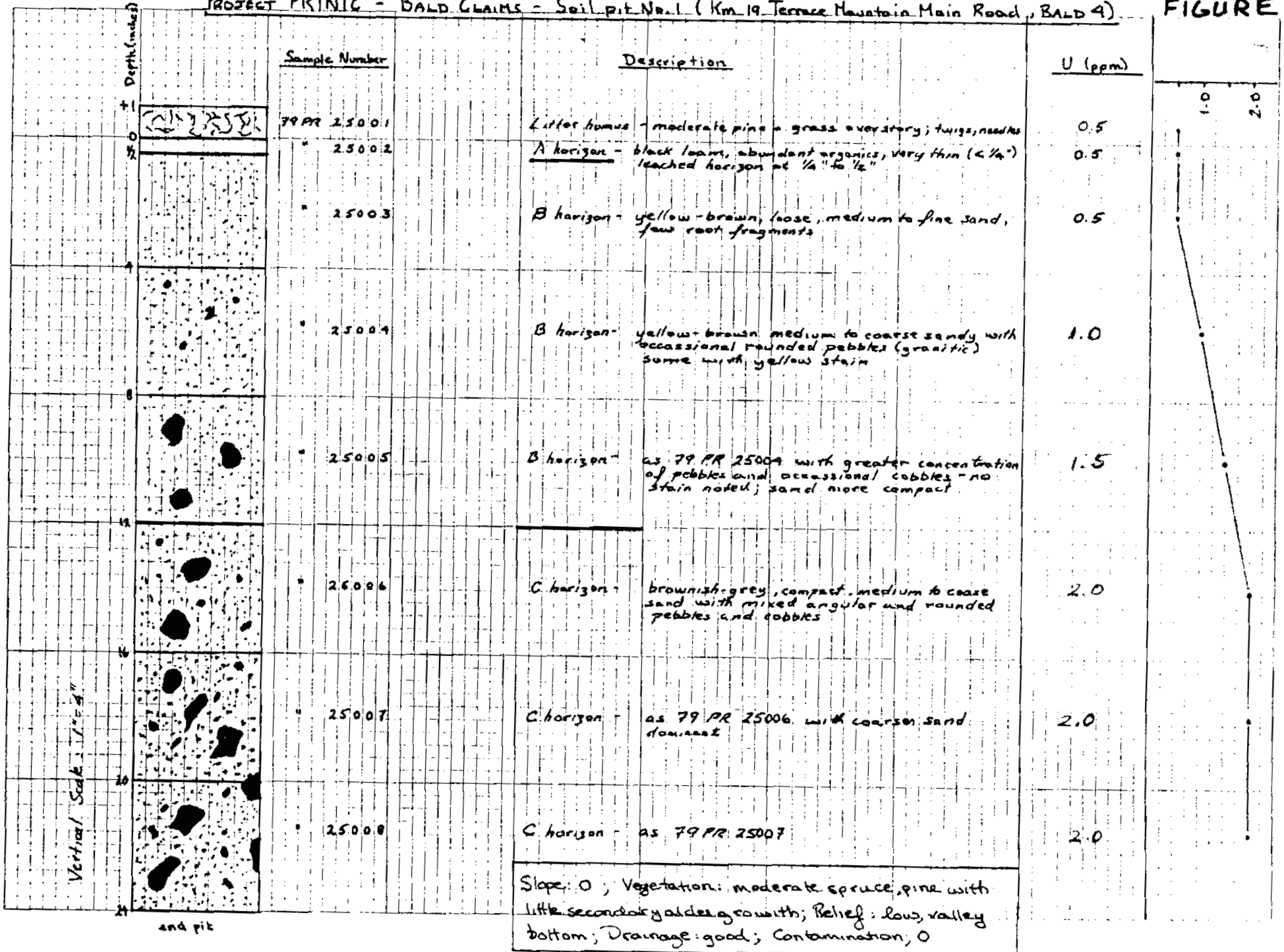
In general, no problems were encountered in obtaining 'B' horizon mineral soil samples although a few samples taken in the vicinity of bogs have high organic contents, while some samples taken on the cliff are essentially just disaggregated bedrock.

Soil Profiles: Four soil pits were dug to determine the distribution of uranium values in the soil profile.

Pit No. 1 (Figure 2) was dug into the floor of the valley of Bald Range Creek alongside the Terrace Mountain Main logging road, in the southern portion of BALD 4. The material sampled was sandy till with a well developed soil profile. Values ranged from <0.5 ppm U in the 'A' and upper 'B' horizon, to 2.0 ppm U in the 'C' horizon. This shows a slight increase in uranium with depth. Pit No. 2 (Figure 3) was dug on the baseline at approximately 30N, into pebbly, sandy soil with numerous rock fragments, on a 40° south-facing slope. Values were all 1.0 ppm U. 'C' horizon material was not reached. Pit No. 3 (Figure 4) was dug in the west half of BALD 3 into the flat-lying floor of the Bald Range Creek valley. Values increase slightly with depth from 0.5 ppm U in the 'A' and upper 'B' horizons to 1.0 and 1.5 ppm in the 'C' horizon. Pit No. 4 (Figure 5) was dug into an old road cut 50 feet from Pit No. 3. Material sampled was sandy till overlying compact lodgement till. Values ranged from

FIGURE 2

PROJECT PRINIC - BALD CLAIMS - Soil pit No. 1 (Km 19 Terrace Mountain Main Road, BALD 9)



Sample Number	Description	U (ppm)
79 PR 25001	Litter humus - moderate pine + grass overstory; twigs, needles	0.5
" 25002	A horizon - black loam, abundant organics, very thin (< ¼") leached horizon at ¼" to ½"	0.5
" 25003	B horizon - yellow-brown, loose, medium to fine sand, few root fragments	0.5
" 25004	B horizon - yellow-brown medium to coarse sandy with occassional rounded pebbles (granitic) some with yellow stain	1.0
" 25005	B horizon - as 79 PR 25004 with greater concentration of pebbles and occassional cobbles - no stain noted; zone more compact	1.5
" 25006	C horizon - brownish-grey, compact, medium to coarse sand with mixed angular and rounded pebbles and cobbles	2.0
" 25007	C horizon - as 79 PR 25006 with coarser sand dominant	2.0
" 25008	C horizon - as 79 PR 25007	2.0

Slope: 0; Vegetation: moderate spruce, pine with little secondary alder growth; Relief: low, valley bottom; Drainage: good; Contamination: 0

FIGURE 3
PRINIC - BALD CLAIMS
SOIL PIT Nº 2

Slope : 40° S

Vegetation: grass, sparce spruce

drainage : good

DEPTH (INCHES)	HORIZON	DESCRIPTION	SAMPLE Nº 79PR-	PPM URANIUM 0 1.0 2.0 3.0 4.0
+1	LH	grass, organic matter	25009	
0	A	brown, med.-coarse sand with rock fragments, roots	25010	
3	A	as above	25011	
6	A	as above, coarser	25012	
9	B	yellowish brown coarse pebbly sand, occassional cobbles	25013	
12	B	as above	25014	
15	B	as above, finer	25015	
18	B	as above	25016	
21	B	med. yellowish brown sand with rounded grains	25017	
24	B	fine to medium yellowish-brown sand	25018	
27				

FIGURE 4
PRINIC - BALD CLAIMS
SOIL PIT Nº 3

slope: 0°

veg: moderate conifer, spruce + balsam

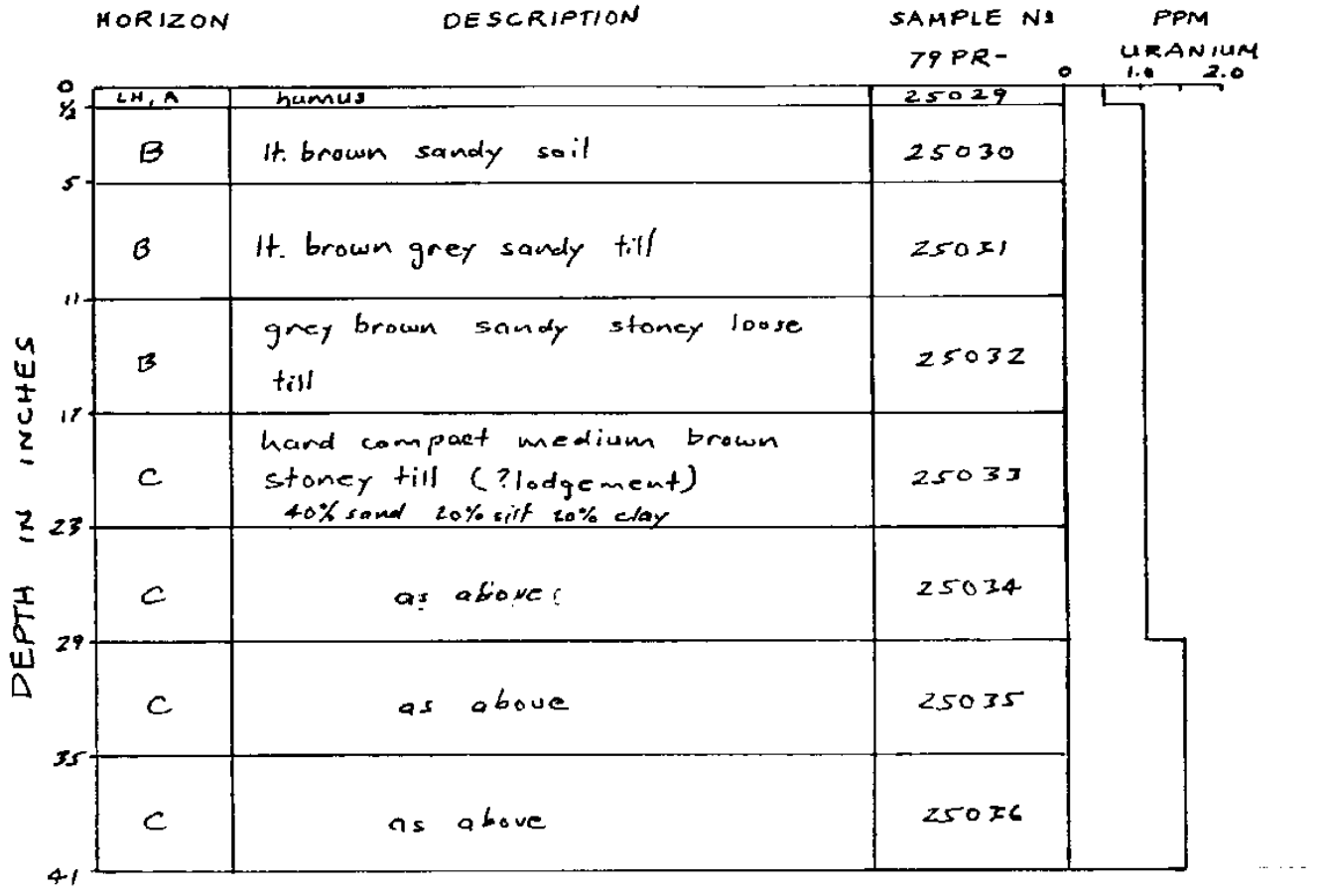
drainage: v. good

contamination: 0°

DEPTH IN INCHES	HORIZON	DESCRIPTION	SAMPLE Nº 79PR-	PPM URANIUM 0 1.0 2.0
0	LH+A	lt. grey leached silty A horizon < 1/4"	25019	
1/4" 2	B	yellow brown fine sand with subrounded to round pebbles to 1", some partly decomposed organic matter	25020	
4	B	as above	25021	
6	B	as above, pebbles to 1/2"	25022	
8	B	as above light coloured	25023	
10	C	medium sand, lt grey to brown with partly decomposed rock fragments	25024	
12	C	as above	25025	
14	C	as above	25026	
16	C	medium coarse sand with rounded pebbles and decomposed angular rock fragments	25027	
18	C	as above, minor Fe stain	25028	

FIGURE 5
PRINIC - BALD CLAIMS
SOIL PIT Nº 4

Road cut at top of hill
slope 40° SW
veg. grass with rose bushes, fir
drainage : good



0.5 ppm U at the surface to 1.5 ppm U in the 'C' horizon.

These pits show that there is a slight leaching of uranium in the 'A' and upper 'B' horizons, therefore, soil samples should be taken from a depth of at least 6 inches (15 cm).

Sampling Procedure: 'B' horizon soil samples were taken from depths of 6 inches (15 cm) or more at 200 foot (60 m) stations on traverse lines spaced approximately 800 feet (240 m) apart. Samples were placed in high wet strength, prenumbered kraft envelopes, semi-dried in the field and then shipped to Chemex Labs Limited, Vancouver, for analysis. Laboratory procedures are given in Appendix I.

Statistical Treatment of Results: To determine mean and anomalous levels the geochemical values obtained from the laboratory (Appendix I) were grouped into fixed ranges (Table 3). A histogram (Figure 6) is then constructed to display the frequency distribution of each range of values. A best fit curve is drawn through the majority of the population so that it approximates a normal distribution curve. All metal values higher than those in the main population were arbitrarily classed as anomalous and eliminated from further statistical treatment.

In order to determine a mean background value and a probably anomalous threshold, a cumulated frequency curve was constructed for the non-anomalous population. (Figure 7). The fiftieth percentile is defined as the background mean and the ninety-seventh percentile defines the lower limit of the probably anomalous population.

TABLE 3

Statistical Data for Uranium in Soils

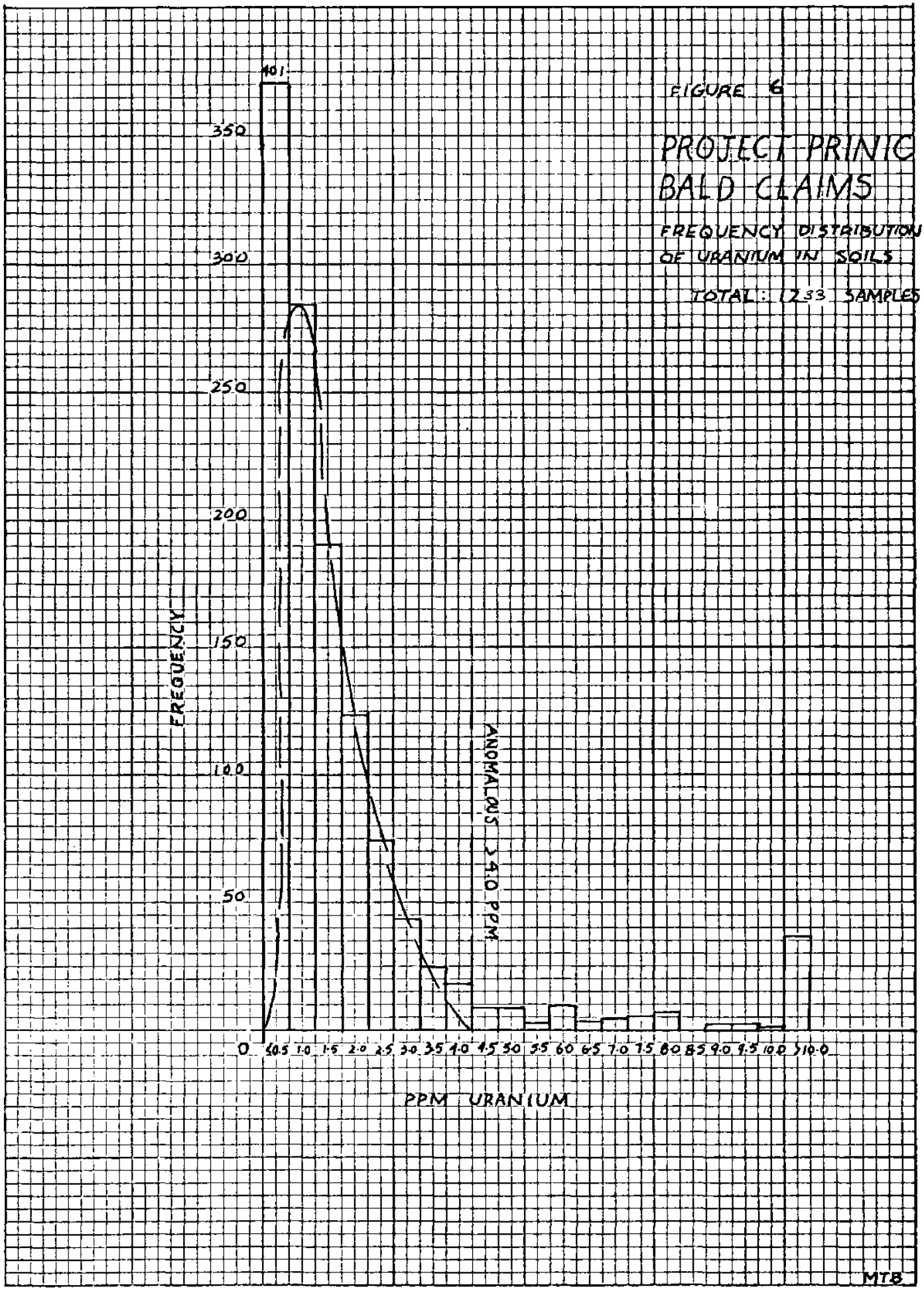
RANGE	FREQ.	CUM. FREQ.	CUM. FREQ. %
0.5	401	401	35.0
1.0	278	679	59.2
1.5	188	867	75.6
2.0	123	990	86.3
2.5	73	1073	92.7
3.0	43	1066	96.4
3.5	24	1130	98.5
4.0	17	1147	100
4.5	8		
5.0	8		
5.5	2		
6.0	9		
6.5	3		
7.0	4		
7.5	5		
8.0	6		
8.5	0		
9.0	2		
9.5	2		
10.0	1		
> 10.0	38		
	1233		

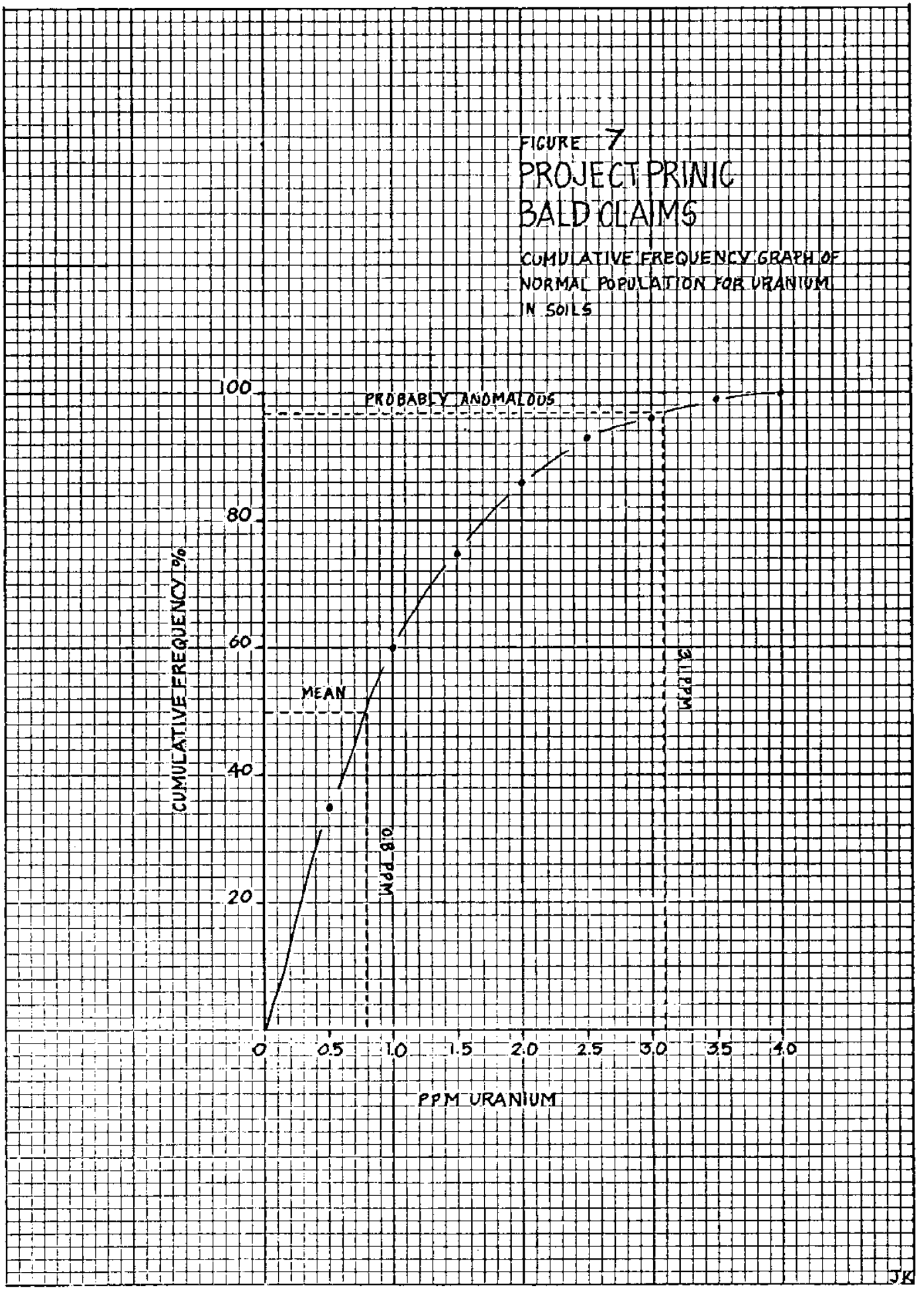
Range = < 0.5 - 200

Mean = 0.8

Probably Anomalous = > 3.0

Anomalous = > 4.0





Results of the Soil Geochemical Survey: Soil sample locations and uranium values obtained are shown on Plan 2. Soil uranium contours are shown on Plan 3. Contour intervals used were: 0.5 - 1.5 - 3.0 - 6 - 0 - 12.0 ppm U. Generalized soil anomalies are also shown on Plan 6, the compilation map.

Uranium values in soils ranged from <0.5 to 200 ppm with a mean of 0.8 ppm, a probably anomalous level of 3.0 and an anomalous level of 4.0 ppm.

20 (53%) of the 38 samples having very high uranium values (>10.0 ppm) have some organic content. More important than the actual organic content though, is that nearly all of the highly anomalous samples were taken in or immediately adjacent to drainage channels, bogs or low areas. Samples taken from higher,better drained areas have values of less than 8.0 ppm U. Thus, it appears that the concentration of uranium in the soils may be strongly affected by the relative height of the water table, or by the movement of groundwaters which would leach uranium from the higher, better drained ground and precipitate it in the lower, wetter areas when favourable conditions exist. However, it should be noted that not all bogs or drainage channels have higher uranium values than the surrounding higher ground. Therefore, these high values cannot be arbitrarily considered insignificant.

The most extensive anomaly occurs in the series of cedar bogs and swamps which lie along the base of eastern cliff. This area forms the headwaters of the eastern tributary of Bald Range Creek, from which anomalous sediment values of up to 20 ppm U were obtained in 1978. Soil values obtained from this series of bogs

ranged up to 180 ppm U with one bog pit giving a value of >400 ppm U (0.147% U_3O_8 = 1245 ppm U) at a depth of from 5.0 to 6.0 feet (1.5 to 1.8 m). These samples are all highly organic. The anomaly extends for 3000 feet (9.5 m) north along the base of the cliff from the common boundary of BALD 2 and 3 to about line 24 + 00 N. From line 40 + 00 N to the northeast corner of the claims, a distance of 2400 feet (730 m) there are four 200 to 600 foot (60 to 180 m) anomalies which occur in smaller bogs along the tieline.

Three small single or double point anomalies occur further south in BALD 3 and 4 down drainage along the eastern tributary. Values range from 6.5 to 27.0 ppm U. As well, three single point anomalies occur on the cliff above the eastern tributary with values of 6.0, 8.0 and 18.5 ppm.

On BALD 4, there is a series of four double and triple point anomalies which lie in and above a gorge cut along the cliff by a small north-south tributary of Bald Range Creek. The 800 x 400 foot (240 x 120 m) triple point anomaly lies at the head of drainage on the slopes above the tributary and has values of 4.5 to 5.0 ppm U. Lying along either side of the tributary on the lower slopes are two linear 800 x 200 foot (240 x 60 m) anomalies with values of 5.0 to 6.5 ppm U and 13.0 to 38.0 ppm U respectively. Higher up the cliff is a 800 x 200 (240 x 60 m) double point anomaly of 5.0 to 7.0 ppm U. No samples were taken on this tributary in 1978.

These anomalies may be due to groundwater seeping along fractures on the cliff face.

Numerous small single, double or triple point soil anomalies occur on the plateau surface in BALD 1 and 2. This area can be subdivided into the central portion, which drains south via a trellis shaped network of tributaries forming the headwaters of Bald Range Creek, and the northwest portion, which drains north into Stewart Creek. As well, the northeast corner of the plateau drains down a shallow draw and over the cliff to the east.

In the central portion, all the soil anomalies lie along the tributaries of Bald Range Creek. Values in the individual anomalies range from 5.0 to 117.0 ppm U. Most are isolated single points but there is a 1000 x 400 foot (300 x 120 m) triple point anomaly at the confluence of the two western tributaries and a 800 x 200 foot (240 x 60 m) double point anomaly where the eastern tributary enters. A bog pit near the head of this tributary gave values of up to 46 ppm. Sediment samples taken in 1978 from this portion of BALD Range Creek had values up to 48 ppm.

These values appear to be directly related to the drainage pattern so it appears that uranium is being leached from the surrounding rocks and deposited along the stream channels.

A similar pattern exists in the north and northwest portions of the claims. Nearly all anomalies lie directly on drainage channels which feed into Stewart Creek except for three single point anomalies along the western edge of the property. Values range from 5.0 to 200.0 ppm U with most values in the 5.0 to 20.0 ppm range. The 200.0 ppm value is from a highly organic sample taken from a bog near the western boundary. This area is the head of drainage of Stewart Creek. Sediment samples collected further down Stewart Creek in 1978 had

values of up to 105 ppm U. It appears that uranium is being concentrated into the drainage system after being leached from the surrounding rock. It should be noted that Eocene basalt outcrops further up the hillside immediately west of the claims. Some of the uranium present in the drainage system may have been derived from leaching of uranium concentrated along the Eocene/ Jurassic uncomformity.

Bog Pits: Five pits were dug into various bogs and drainage channels in an attempt to determine whether the uranium concentrations were merely a surficial phenomena or whether they continued or increased with depth. Values in the bogs were much higher than those found in the soil profiles, with the mean values ranging from 5.0 to 20.0 to 50.0 to 100.00 ppm U depending on the bog sampled. None of the pits penetrates deep enough under the bogs to definately say whether the uranium concentrations are restricted only to the bogs or whether they continue at depth. However, nearly all the pits do show a decrease in values at the base of the pit.

Pit No. 1 (Figure 8)was dug on the plateau alongside the eastern tributary of Bald Range Creek. Uranium values increase from 21.5 ppm at surface to 46.0 ppm in the upper portion of a gravel layer at 1.0 foot (30cm) in depth and decrease to 7.5 ppm in an underlying clay layer. Pit No. 2 (Figure 9) was dug into the bog at the base of the eastern cliff. Values increase from 42 ppm at surface to 76 ppm at 1.4 feet (40 cm) in highly organic muck and then decrease to 18.5 ppm in an underlying layer containing silt and clay lenses. Pit No. 3 (Figure 10) was also dug into the bog at the base of the eastern cliff, close to the southern end. Values increase

FIGURE 8
PRINIC - BALD CLAIMS
BOG PIT No. 1

LOCATION: 22N, 38E BESIDE ROAD IN SWAMP, ALONG SMALL STREAM DRAINING PLATEAU

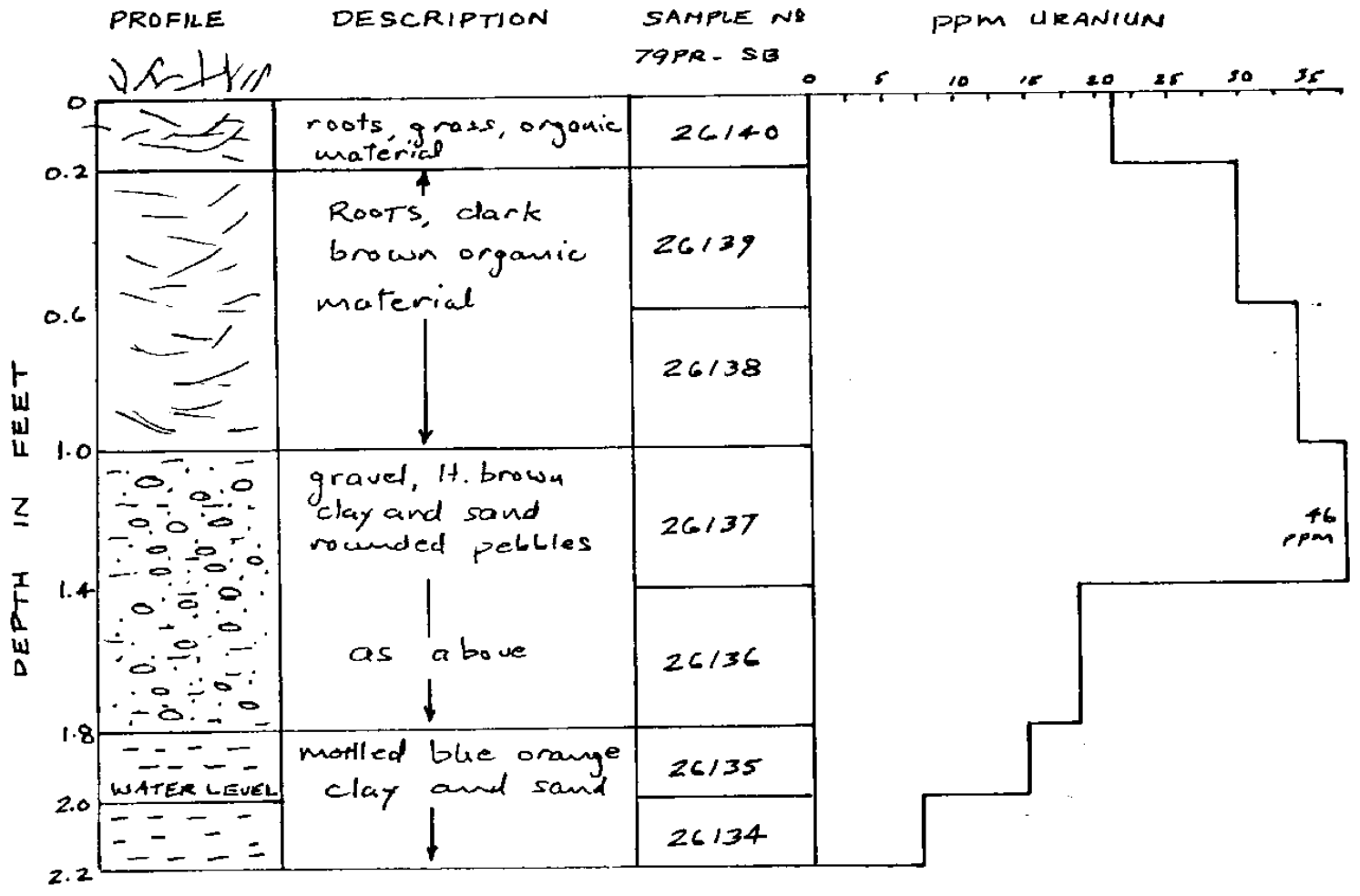


FIGURE 9
PRINIC - GALD CLAIMS
BOG PIT Nº 2

LOCATION: CEDAR SWAMP . BASE OF EASTERN CLIFF
TL76E, 11+20N

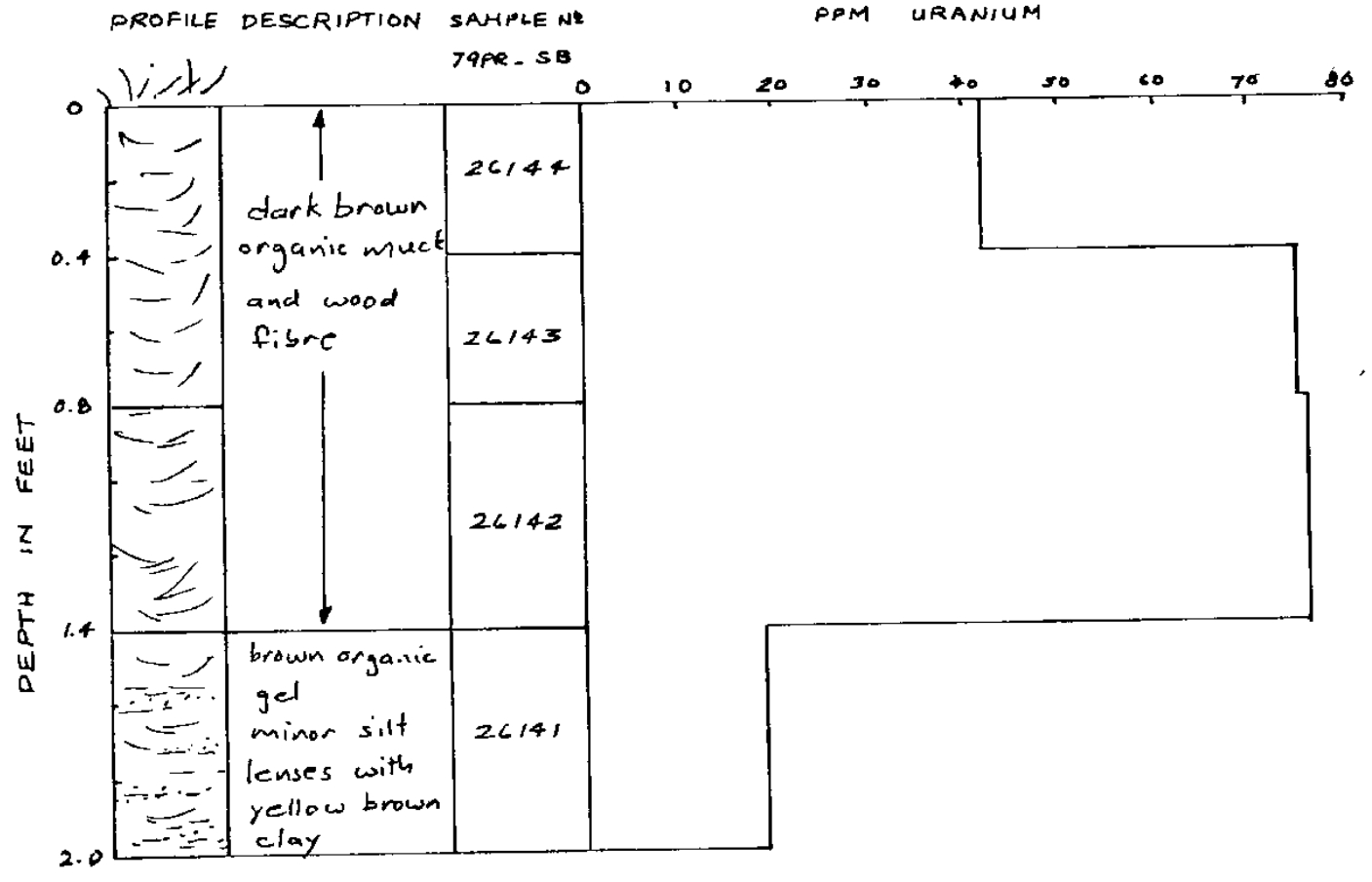


FIGURE 10
PRINIC - BALD CLAIMS
BOG PIT Nº 3

LOCATION: "CLIFF BOG" AT Line 0+00N, 91+30E
30' From east side of grass + sedge swamp

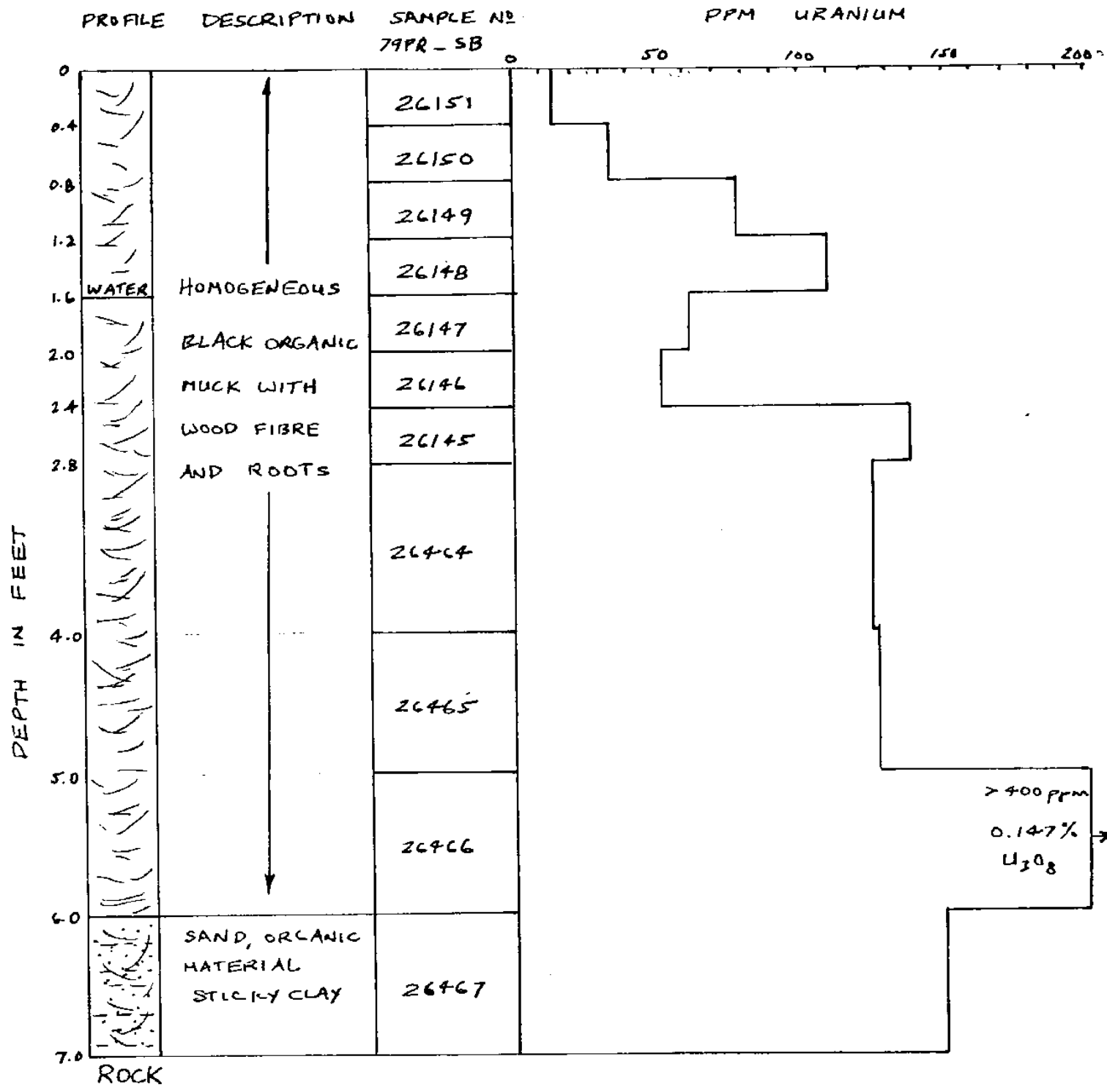


FIGURE 11
PRINIC - BALD CLAIMS
BOG PIT Nº 4

LOCATION : "CLIFF BOG" TL 76E, 7+75N
Cedar swamp 100'E of talus slope

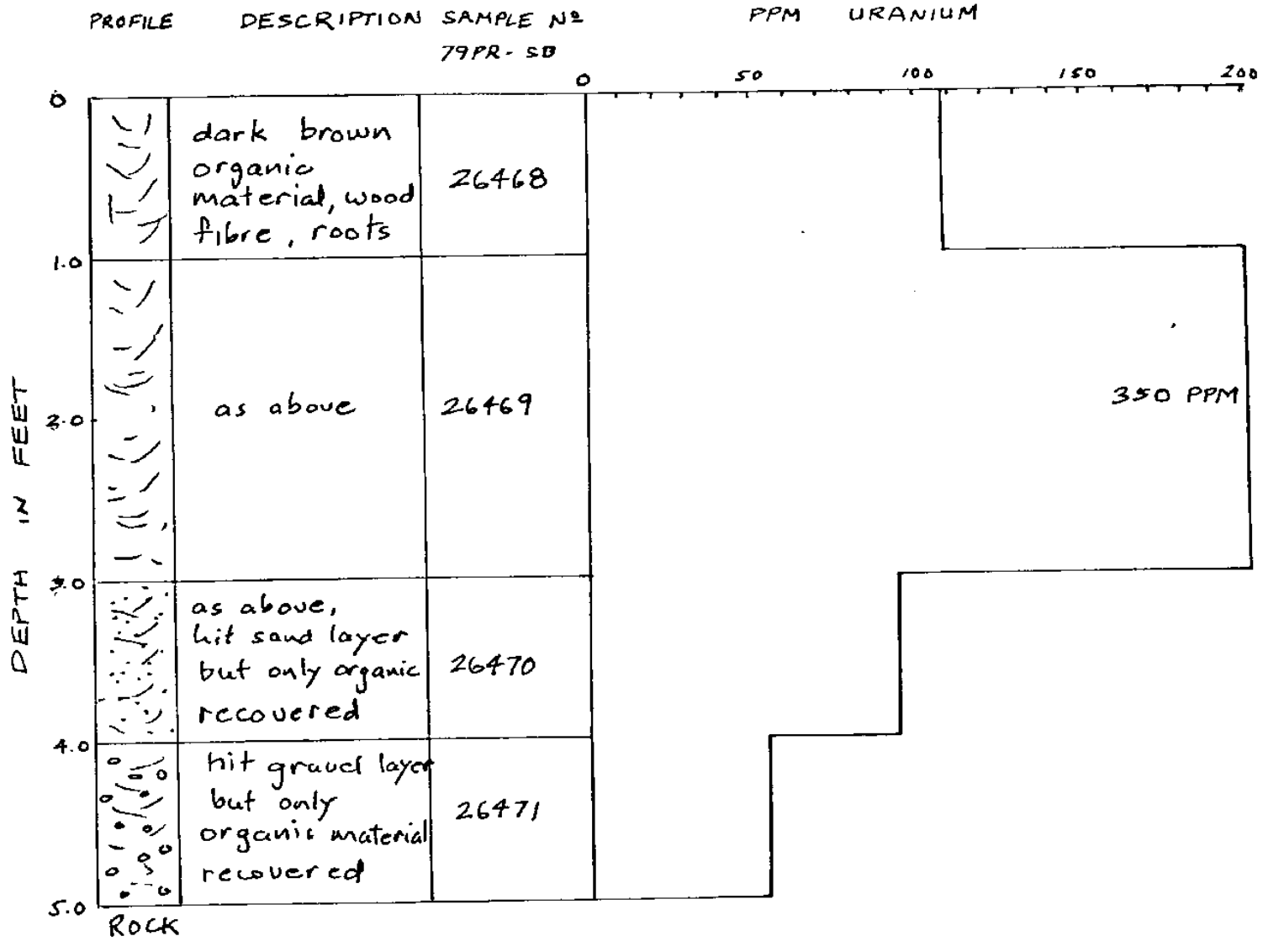
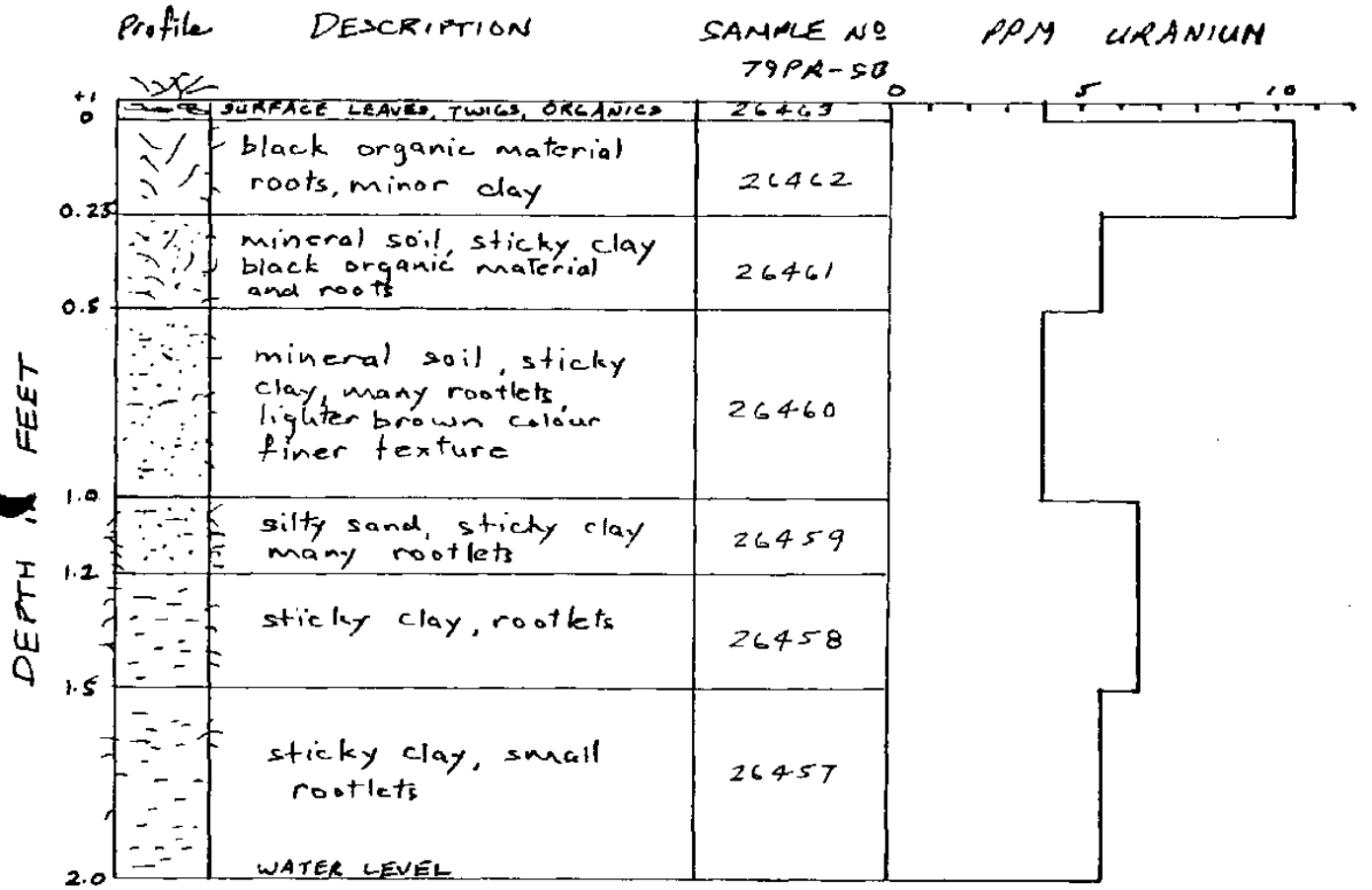


FIGURE 12
PRINIC - BALD CLAIMS
BOG PIT No 5

LOCATION: "SADDLE BOG" Line 56+00N, 36+40W



from 14 ppm at surface to >400 ppm (0.147% U_3O_8 or ≈1245 ppm U) at the base of the organic muck at a depth of 6.0 feet (1.8 m). Values drop to 150 ppm U in the sand and clay layer below this. Rock, probably a talus block from the cliff, was encountered at 7.0 feet (2.1 m). Pit No. 4 (Fig. 11) was dug 800 feet (240 m) further north in the same bog. Values increase from 107 ppm at surface to 350 ppm in the organic muck at 3.0 feet, and then decrease to 54 ppm in the underlying material which contained sand and gravel lenses.

Pit No. 5 (Figure 2) was dug into a bog in the northwest corner of the claims along the headwaters of Stewart Creek. Values were much lower, nearly all being about 5.0 ppm with a peak to 10.5 ppm in an organic layer immediately below surface. This pit contained much more mineral soil and relatively little organic matter, so the values do not strictly correlate with those from the other four pits.

ROCK GEOCHEMISTRY

Introduction: Rock chip samples were collected approximately every 1500 feet (460 m) along traverse lines. Every effort was made to obtain as fresh and unweathered a sample as possible. Samples were sent to Chemex Labs Limited, Vancouver, for analysis for uranium and thorium. Laboratory procedures are as detailed in Appendix I.

Results: Sample locations and values are shown on the geology map, Plan 1. Table 4 gives statistical data for uranium and thorium in rocks. Figure 13 shows the corresponding frequency distributions of uranium and thorium, and Figure 14 is a scatter diagram of

uranium vs. thorium.

TABLE 4

Statistical Data for Uranium and Thorium in Rock Chips

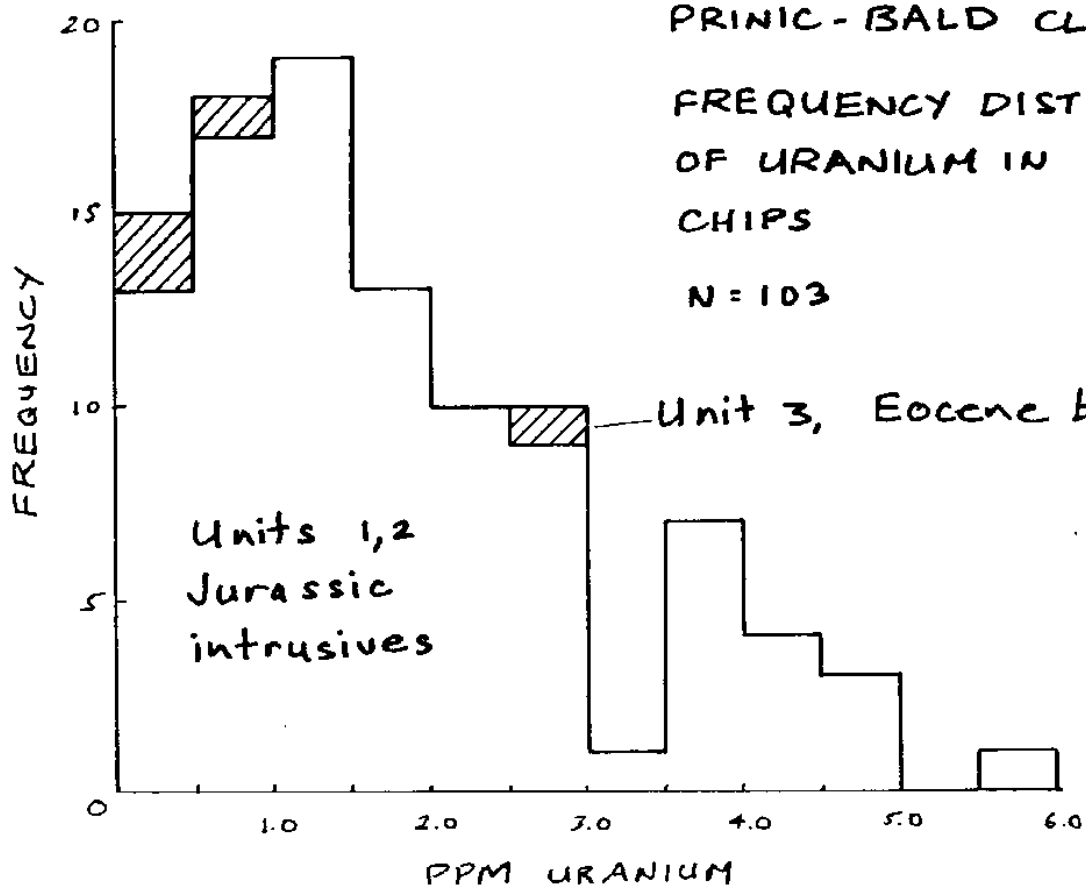
	Units 1, 2: Jurassic quartz monzonite to diorite				Unit 3: Eocene basalt			
	URANIUM		THORIUM		URANIUM		THORIUM	
	Range (ppm)	Freq.	Range (ppm)	Freq.	Range (ppm)	Freq.	Range (ppm)	Freq.
	0.5	13	0 - 5	1	0.5	2	0 - 5	2
	1.0	17	6 - 10	12	1.0	1		
	1.5	19	11 - 15	18	1.5	-		
	2.0	15	16 - 20	4	2.0	-		
	2.5	10	21 - 25	1	2.5	-		
	3.0	9	> 25	1	3.0	1		
	3.5	1						
	4.0	7						
	4.5	4						
	5.0	3						
	5.5	-						
	6.0	1						
TOTAL		99		37		4		2
RANGE	< 0.5 - 6.0		5 - 67		0.5 - 3.0		4	4
MEAN	2.1		13		1.25		4	
TH/U	6.2				3.2			

FIGURE 13

PRINIC - BALD CLAIMS

FREQUENCY DISTRIBUTION OF URANIUM IN ROCK CHIPS

N = 103



FREQUENCY DISTRIBUTION OF THORIUM IN ROCK CHIPS

N = 39

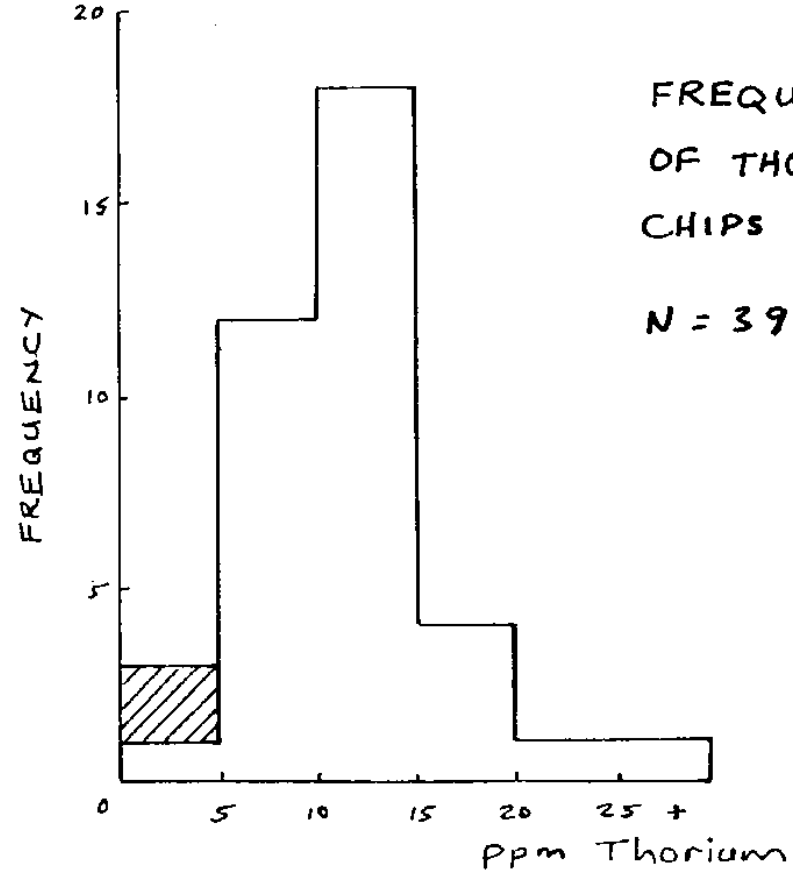
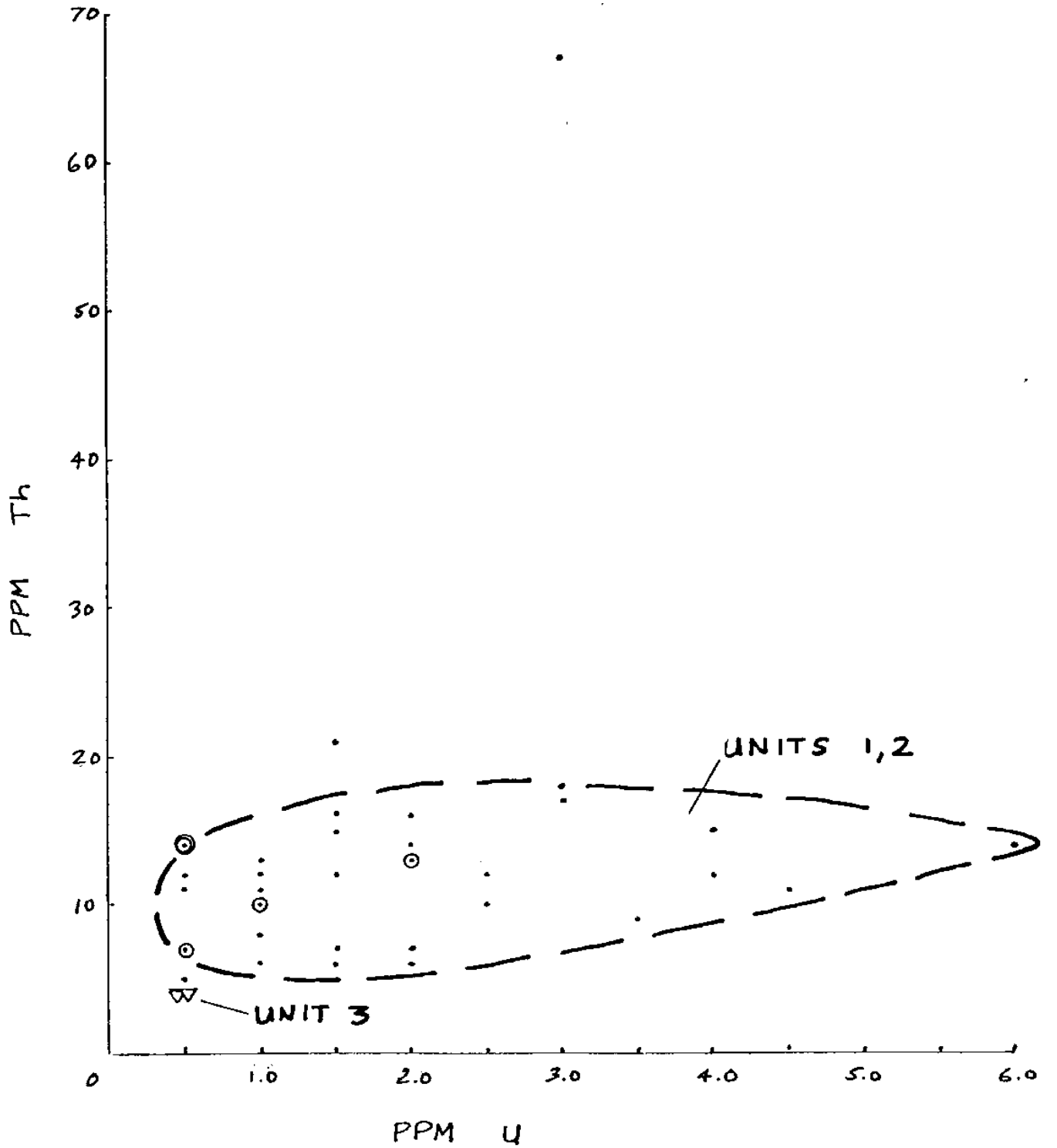


FIGURE 14

PRINIC - BALD CLAIMS

SCATTER DIAGRAM OF THORIUM VS. URANIUM IN ROCK CHIPS

N = 39



Uranium values in the Jurassic quartz monzonite and diorite (Units 1, 2) range from <0.5 to 6.0 ppm, with a mean of 2.1 ppm. Thorium values range from 5 to 67 ppm with a mean of 13 ppm. This gives an average Th/U ratio of 6.2 for the intrusive rocks. Uranium values in the Eocene basalt (Unit 3) range from 0.5 to 3.0 ppm with a mean of 1.25 ppm. The two basalt rock chips analyzed for thorium gave values of 4.0 ppm. This results in an average Th/U ratio of 3.2 for the basalt.

The scatter diagram (Figure 14) shows that thorium values are all low (all values except one are less than 21 ppm) and do not vary proportionally with the uranium content of the rocks. This data is unusual in that the basalt has lower values (0.5 ppm U, 4 ppm Th) than the majority of the intrusive rocks (0.5 to 2.0 ppm U, 6 to 14 ppm Th). This however, is based on 2 samples of the basalt, versus 37 samples of the intrusive rocks.

The majority of rock chips having uranium values in excess of 3.0 ppm were taken along or very close to the eastern cliff. Five rock chips with values of 4.0 to 6.0 ppm were obtained from a 3000 x 800 foot (915 x 240 m) zone along the cliff face which lies just north of and directly up drainage from the main cedar bog which gave the high uranium values. This may be a possible source of the uranium in the bogs. Extensive fracturing of the well exposed rocks along the cliff face would allow deep leaching of any enriched zone in the rocks. Uranium leached from this zone would be carried into the bogs by groundwater or runoff and precipitated if favourable conditions were met.

A similar situation appears to exist in the southern portion of the claims on BALD 4 where two smaller rock chip anomalies lie above the series of linear soil anomalies which lie near the base of the cliff. Rock chip values here are 4.0 ppm U.

Except for two values of 4.0 and 4.5 ppm U, no anomalous uranium values were obtained from any of the rock chips collected from the plateau area which forms the headwaters of Bald Range and Stewart Creeks. The 4.5 ppm U value is from an outcrop alongside the central tributary of Bald Range Creek while the 4.0 ppm value is from an outcrop above the western tributary.

SCINTILLOMETER SURVEY

Scintillometer readings are shown on Plan 4. Scintillometer contours are shown on Plan 5. Contour intervals used were: 10 - 15 - 20 - 25 - 30 c.p.s. Generalized anomalous areas are shown on the compilation map, Plan 6. Table 5 gives statistical data for the scintillometer survey and figures 15 and 16 show frequency and cumulative frequency distributions.

All readings were taken from hip level using Urtec Model UG-130 scintillometers set at TC_2 @ 10 seconds. The Urtec UG-130 uses a NaI (Tl) crystal with a volume of 4 cubic inches. The TC_2 setting measures all energies above 400 keV and is claimed by the manufacturer to give a more reliable readout than the TC_1 setting which measures all energies above 80 keV. TC_1 readings are roughly 5 times greater than TC_2 readings so that where a background level of 20 c.p.s. is obtained on the TC_2 setting, the TC_1 setting would read approximately

TABLE 5

STATISTICAL DATA FOR THE SCINTILLOMETER SURVEY

RANGE (C.P.S.)	FREQUENCY	CUM. FREQ.	CUM. % FREQ.
0 - 10	60	60	1.8
11 - 20	2979	3039	88.8
21 - 30	384	3423	100
31 - 40	24		
41 - 50	2		
TOTAL	3449		

RANGE	MEAN	PROBABLY ANOMALOUS	ANOMALOUS
4 - 49	16	> 25	> 30

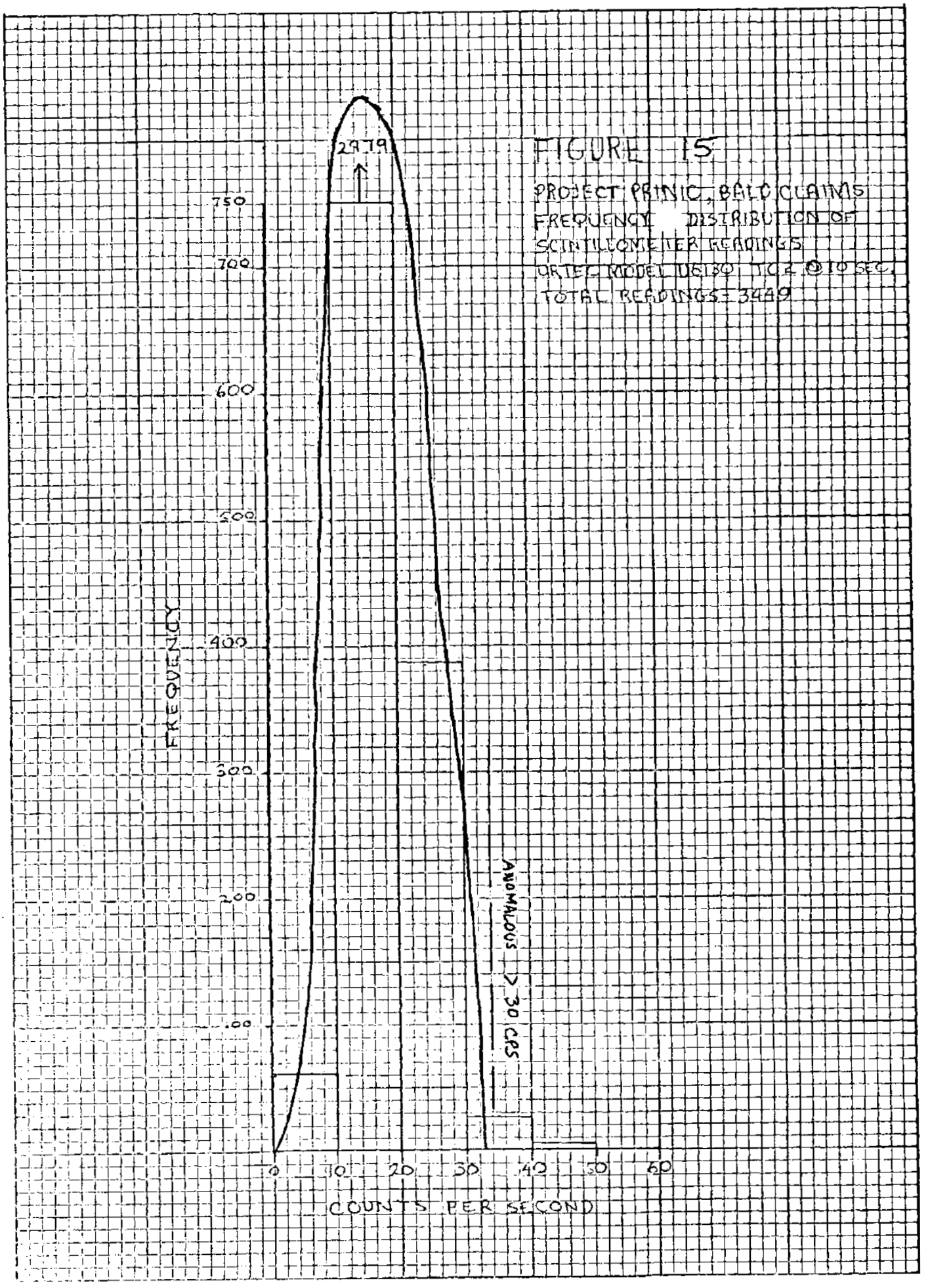
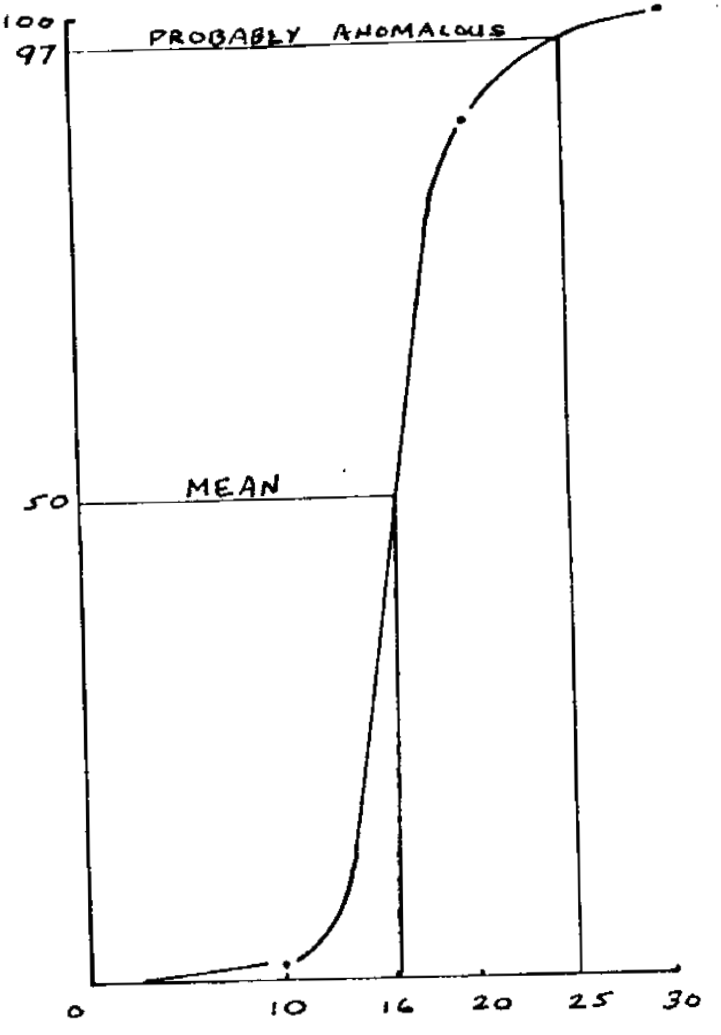


FIGURE 16

CUMULATIVE FREQUENCY DISTRIBUTION OF SCINTILLOMETER READINGS

N= 3423



100 c.p.s. Other scintillometers used by Canadian Occidental, such as the Scintrex BGS-1SL, measure all energies above 80 keV. Therefore, these readings are more closely comparable to TC_1 readings. This must be taken into account when comparing results from this property with others.

Scintillometer readings ranged from 5 to 49 c.p.s., with a mean of 16 c.p.s., a probably anomalous level of 25 c.p.s. and are anomalous level of 30 c.p.s.

Scintillometer readings are highest along the well exposed eastern cliff and around the deeply incised headwaters of Bald Range Creek. The very highest scintillometer values (up to 43 c.p.s.) occur at the base of the eastern cliff in a 1000 foot (300 m) long zone immediately below the largest rock chip anomaly. This is an area where the tieline runs closer to the cliff along higher ground and lies between two bogs having anomalous uranium values. High scintillometer values (32 to 36 c.p.s.) are also exactly coincident with two single point soil anomalies of 18.5 and 6.5 ppm uranium along the cliff further to the south in BALD 3. The anomalous zone along the eastern cliff extends for a total length of 11,600 feet (3540 m) and a total width of 1400 feet (425 m). Much of this anomaly is probably due to the fact that the most extensive rock outcrop is located along the cliff in this area.

High scintillometer readings (up to 49 c.p.s.) were also obtained in the southern portion of the claims in BALD 4. A 5800 x 800 foot (1770 x 240 m) anomalous zone lies along the lower slopes of the cliff and in and around the small gorge cut by the creek at its base. This is coincident with the soil and rock anomalies found in this area. Again, this is an area of well exposed outcrops.

The third zone of high scintillometer readings (up to 31 c.p.s.) is along the slopes on either side of the steeply incised headwaters of Bald Range Creek. Although most of the readings are below the anomalous level, they are higher than readings obtained over the surrounding area. These zones are 1600 to 2800 feet (490 to 850 m) long by 200 to 400 feet (60 to 120 m) wide.

There are no scintillometer anomalies over the flat lying plateau surface above Bald Range Creek.

DISCUSSION OF DATA

A compilation of geology, geochemical soil and rock anomalies, and scintillometer anomalies, is shown on Plan 6.

The majority of the BALD property is underlain by a heterogeneous, late Jurassic intrusion of quartz monzonite which varies to granodiorite and K-feldspar porphyry. A diorite phase is more common in the southern portion of the claims on BALD 3 and 4. Eocene basalt overlies the Jurassic quartz monzonite at several localities close to the western boundary of the property. Basal clastic sediments do not appear to be present at the uncomformity. A large 1000 foot (300 m) cliff along the eastern boundaries of the property is thought to be a result of block faulting associated with the Okanagan graben.

The most extensive geochemical uranium anomaly occurs in the series of cedar bogs which lie at the foot of the cliff along the eastern boundary of the claims. This anomaly extends intermittently in each bog for a total length of 6500 feet (1980 m) and is open to the north and east where no sampling has been carried

out. Uranium values reach >400 ppm (0.147% $U_3O_8 \approx 1245$ ppm U) in highly organic samples taken from the bogs. There is a suggestion that uranium values decrease at the base of the bogs, but pits and auger holes sunk to investigate this possibility did not penetrate far enough underneath the bogs to prove or disprove this. Higher than average scintillometer readings were obtained all along the eastern cliff, probably in part due to the much greater outcrop exposure present. However, a 3000 x 800 foot (915 x 240m) zone of five anomalous rock chips (4.0 to 6.0 ppm U) occurs along the cliff face above and immediately up-drainage from the cedar bogs. The high concentrations of uranium in the bogs may be a result of leaching of uranium from enriched zones on the exposed cliff face by groundwater and runoff. The uranium would then be precipitated in the bogs wherever favourable depositional conditions were encountered. Deep leaching or deposition of uranium may also have taken place along a postulated fault at the base of the cliff in which case the uranium in the bogs may have been derived from uranium mineralization directly underneath. A drill hole is recommended to test the latter hypothesis.

A similar situation appears to occur along the southern portion of the cliff in BALD 4. Soil anomalies of 4.5 to 38.0 ppm U along the cliff are coincident with high scintillometer readings (up to 49 c.p.s.) and two small rock geochemical anomalies (4.0 ppm U). Uranium may have been leached or deposited along extensively exposed fractures in the cliff face.

Numerous small scattered soil anomalies occur over the plateau area of BALD 1 and 2 which forms the headwaters of Bald Range and Stewart Creeks. These nearly all lie along or close to drainage channels, bogs or depressions. Values range from 4.5 to 200.0 ppm U, mostly in single or double point anomalies. No scintillometer or rock geochemical anomalies are coincident with the soil values. The overall impression gained is that the soil anomalies are related directly to the drainage network. Uranium appears to have been leached from the surrounding rock and precipitated in the drainage channels. Water samples taken from this area in 1978 are generally acid to neutral and have lower specific conductivities and lower bicarbonate contents than further downstream. Thus, uranium may tend to precipitate in the bogs rather than be kept in solution in the water. The high organic content of the bogs would play a strong role in precipitating the uranium. However, because not all bogs necessarily have high uranium values; those that do should be investigated in detail. In particular, the bog on Line 32 + 00 N at 32 + 00W which has uranium values of up to 200.0 ppm should be sampled in detail. The area is directly down drainage from the Eocene basalt/Jurassic quartz monzonite uncomformity which lies off the claims to the west.

CONCLUSIONS AND RECOMMENDATIONS

Uranium is concentrated in a series of cedar bogs which lie at the foot of the cliff along the eastern boundary of BALD 2. This area forms the headwaters of the eastern tributary of Bald Range Creek from which anomalous sediment and water uranium values were obtained in 1978. Further work is required to determine whether uranium mineralization exists at depth beneath the bog or whether the anomaly is a hydromorphic phenomena related to leaching of uranium along fractures or from "intragranitic" veins (if present) along the well exposed cliff face.

A 500 foot (150 m) diamond drill hole, dipping 60^{o} west, is recommended on Line 0 + 00N at 91 + 60 E to test the postulated fault zone beneath the bog. Detailed prospecting, soil sampling and deep auger holes sampling of the bogs is recommended on the new claims, BALD 5 and 6, as well.

The zone of coincident soil, rock and scintillometer anomalies along the base of the cliff in BALD 4 should also be followed up by detailed work.

Soil anomalies on the plateau area which forms the headwaters of Bald Range and Stewart Creek appear to be related directly to the drainage network. The bog at Line 32 + 00 N, 32 + 00 W, which contained the 200 ppm U value should be sampled in detail and the surrounding area prospected.

Respectfully submitted,

DAVID M. ROBERTSON B.Sc.(Hons)

Toronto, Ontario

November 16, 1979.

Author's Qualifications

David M. Robertson

Education - Graduated Queen's University,
Kingston, Ontario
B.Sc. (Hons. - Geology) in 1975

Work Experience - Employed as a field exploration geologist with Canadian Occidental Petroleum Ltd., Minerals Division, Toronto, Ontario since graduation. Carried out and supervised exploration programs in New Brunswick, Ontario, Saskatchewan, B.C. and Yukon.

APPENDIX I

LABORATORY PROCEDURES

1. Soil Samples

Samples are sorted and dried at 50°c for approximately 2 hours. The dried material is passed through a -80 mesh (177 micron) screen; fine material is retained for analysis and coarser material discarded.

2. Rock Samples

The entire sample is crushed. If necessary (>250 gm), the sample is split on a Jones splitter, the reject being retained for a short period. The split fraction is pulverized such that 90% passes a 200 mesh (74 micron) sieve.

3. Geochem Procedures

A). Uranium (Fluorometric)

A 1 gram sample of -80 mesh soil or -200 mesh rock is digested with hot $HClO_4$ - HNO_3 to strong fumes of $HClO_4$ for approximately 2 hours. The digest is cooled, diluted to volume and mixed.

An aliquot is extracted into methyl isobutyl ketone (MIBK) with the aid of an alumnium nitrate-tetrapropyl ammonium hydroxide salting solution. The uranium in the MIBK is determined by evaporating a portion of the MIBK in a platinum dish and fusing

with a mixture of Na_2CO_3 - K_2CO_3 - NaF. The fluorescence of the fused flux is measured to determine the uranium content.

Detection limit is 0.5 ppm.

B). Thorium (Neutron Activation)

A 1 gram sample of -80 mesh soil or -200 mesh rock material is weighed into a polyethelene vial and heat sealed. Samples, along with standards, are then irradiated for sufficient periods to receive a neutron dose of 1 - 3 X $10^{15}/CM^2$. Following irradiation, samples are cooled for at least one week and Thorium is determined by the measurement of its characteristic Gamma Ray using a semiconductor (Ge (Li)) detector.

Detection limit is 1 ppm.

APPENDIX II

GEOCHEMICAL CERTIFICATES

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

CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47251

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ontario M9W 5X8 CC: E. Sacks

ATTN: PROJECT: Prinic-Bald-Soil

INVOICE NO. 30382

RECEIVED May 28, 1979

ANALYSED June 4, 1979

SAMPLE NO. :	PPM U
79PR25001	0.5
25002	0.5
25003	0.5
25004	1.0
25005	1.5
25006	2.0
25007	2.0
25008	2.0
25009	1.0
25010	1.0
25011	1.0
25012	1.0
25013	1.0
25014	1.0
25015	1.0
25016	1.0
25017	1.0
25018	1.0
25019	0.5
25020	0.5
25021	0.5
25022	1.0
25023	1.0
25024	1.0
25025	1.0
25026	1.0
25027	1.5
79PR25028	1.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

CHEMEX LABS LTD.

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47305

INVOICE NO. 30431

RECEIVED May 30/79

ANALYSED June 6/79

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont.
M9W 5X8

ROCKS

CC. E. Sacks.

ATTN:

PROJECT: Prinic-Bald-Rock

SAMPLE NO. :	PPM U
79 PR - 25901R	2.0
25902	0.5
25903	1.5
25904	1.0
25905	0.5
25906	1.0
25951	2.5
25952	2.0
25953	1.0
25954	2.0
25955	2.0
79 PR - 25956R	2.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

CHEMEX LABS LTD.

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47306

INVOICE NO. 30421

RECEIVED May 30, 1979

ANALYSED June 5, 1979

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8 CC: E. Sacks

ATTN: PROJECT: Prinic-Bald-Soil

SAMPLE NO. :	PPM U	PPM U
79PR25029	0.5	
25030	1.0	
25031	1.0	
25032	1.0	
25033	1.0	
25034	1.0	
25035	1.5	
25036	1.5	
25037	164	160
25038	3.0	
25039	1.0	
25040	2.5	
25041	1.5	
25042	2.5	
25043	2.5	
25044	2.0	
25045	8.0	
25046	1.5	
25057	1.0	
25048	0.5	
25049	0.5	
25050	1.0	
25051	<0.5	
25052	0.5	
25053	<0.5	
25054	<0.5	
25055	10.0	
25056	<0.5	
25057	1.0	
25058	<0.5	
25059	1.0	
25060	<0.5	
25061	<0.5	
25062	0.5	
25063	1.0	
25064	<0.5	
25065	2.0	
25066	1.5	
25067	0.5	
79PR25068	<0.5	

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hans Biedler

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

CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47507
INVOICE NO. 30421
RECEIVED May 30, 1979
ANALYSED June 5, 1979

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8 CC: E. Sacks

ATTN:

PROJECT: Prinic-Bald-Soil

SAMPLE NO. :	PPM U	PPM U
79PR25069	0.5	
25070	1.5	
25071	9.0	
25072	0.5	
25073	2.5	
25074	5.0	
25075	5.5	
25076	2.0	
25077	<0.5	
25078	0.5	
25079	0.5	
25080	2.0	
25081	1.5	
25082	1.5	
25083	0.5	
25084	0.5	
25085	0.5	
25086	24	22
25087	0.5	
25088	0.5	
25089	0.5	
25090	<0.5	
25091	0.5	
25092	0.5	
25093	0.5	
25094	0.5	
25095	0.5	
25096	0.5	
25097	0.5	
25098	0.5	
25099	<0.5	
25100	<0.5	
25101	<0.5	
25102	0.5	
25103	<0.5	
25104	<0.5	
25105	0.5	
25106	<0.5	
25107	0.5	
79PR25108	<0.5	

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: [signature]

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

CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47308
INVOICE NO. 30421
RECEIVED May 30, 1979
ANALYSED June 5, 1979

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8

ATTN: CC: E. Sacks
PROJECT: Prinic-Bald-Soil

SAMPLE NO. :	PPM U	PPM U
79PR25109	1.0	
25110	1.0	
25111	0.5	
25112	0.5	
25113	<0.5	
25114	0.5	
25118	0.5	
25119	0.5	
25120	0.5	
25121	0.5	
25122	1.0	
25123	<0.5	
25124	0.5	
25125	1.0	
25126	0.5	
25127	0.5	
25128	50	44
25129	1.0	
25130	1.0	
25131	1.0	
25132	0.5	
25133	0.5	
25134	0.5	
25135	0.5	
25136	1.0	
25137	1.0	
25138	<0.5	
25139	<0.5	
25140	0.5	
25141	0.5	
25142	1.0	
25143	1.0	
25144	1.0	
25145	1.0	
25146	3.5	
25147	1.0	
25148	1.5	
25149	2.0	
25150	0.5	
79PR25151	6.0	

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: [signature]

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47309
INVOICE NO. 30421
RECEIVED May 30, 1979
ANALYSED June 5, 1979

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8

ATTN: CC: E. Sacks

PROJECT: Prinic-Bald Soil

SAMPLE NO. :	PPM U
79PR25152	1.0
25153	2.0
25154	1.0
79PR25155	1.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: [signature]

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47355
INVOICE NO. 30471
RECEIVED June 4, 1979
ANALYSED June 11, 1979

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8 CC: E. SACKS

ATTN: PROJECT: Bald-Prinic-Soil

SAMPLE NO. :	PPM U
79PR25156	1.5
25157	1.0
25158	1.0
25159	1.5
25160	1.5
25161	1.5
25162	1.0
25163	1.0
25164	1.5
25165	1.5
25166	0.5
25167	2.0
25168	1.5
25169	1.0
25170	1.5
25171	1.5
25172	7.5
25173	1.5
25174	2.0
25175	1.5
25176	1.0
25177	2.0
25178	4.5
25179	2.0
25180	1.0
25181	1.0
25182	5.0
25183	1.5
25184	5.0
25185	1.5
25186	1.0
25187	1.0
25188	1.5
25189	1.0
25190	1.0
25191	1.0
25192	1.5
25193	2.0
25201	1.0
79PR25202	12.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: [signature]

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 985-0514 984-0221
AREA CODE: 604
TELEX: 043 52597

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47356

INVOICE NO. 30471

RECEIVED June 4, 1979

ANALYSED June 11, 1979

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8 CC: E.SACKS

ATTN: PROJECT: Bald-Prinic-Soil

SAMPLE NO. :	PPM U
79PR25203	11.0
25204	1.0
25205	1.0
25206	1.0
25207	1.0
25208	1.0
25209	1.0
25210	1.0
25211	1.5
25212	1.0
25213	0.5
25214	1.0
25215	0.5
25216	7.0
25217	1.0
25218	0.5
25219	0.5
25220	1.0
25221	2.0
25222	1.0
25223	1.0
25224	1.5
25225	1.5
25228	0.5
25229	0.5
25230	0.5
25231	0.5
25232	0.5
25233	0.5
25234	10.5
25235	13.5
25236	14.5
25237	6.0
25238	4.0
25239	0.5
25240	0.5
25241	1.0
79PR25242	1.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY:

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47357
INVOICE NO. 30471
RECEIVED June 4, 1979
ANALYSED June 11, 1979

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8 CC: E. Sacks

ATTN: PROJECT: Bald-Prinic-Soil

SAMPLE NO. :	PPM U
79PR25243	0.5
25244	2.0
25245	1.0
25246	1.0
25247	2.5
25248	2.5
25249	2.0
25250	2.0
25251	2.0
25252	1.5
25253	1.0
25254	3.0
25255	0.5
25256	2.5
25257	1.5
25258	1.0
25259	0.5
25260	0.5
25261	0.5
25262	0.5
25263	0.5
25264	1.0
25265	1.0
25266	1.0
25267	<0.5
25268	<0.5
25269	<0.5
25270	7.0
25271	<0.5
25272	<0.5
25273	<0.5
25274	0.5
25275	<0.5
25276	4.0
25277	<0.5
25278	0.5
25279	2.0
25280	1.5
25281	9.5
79PR25282	5.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: H. Trent Bindle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47358
INVOICE NO. 30471
RECEIVED June 4, 1979
ANALYSED June 11, 1979

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8 CC: E. Sacks

ATTN: PROJECT: Bald-Prinic-Soil

SAMPLE NO. :	PPM U
79PR25283	1.5
25284	0.5
25285	1.5
25286	1.5
25287	0.5
25288	0.5
25289	2.0
25290	0.5
25291	1.0
25292	3.0
25293	1.5
25294	0.5
25295	0.5
25296	1.0
25297	0.5
25298	1.5
25299	1.0
25300	1.0
25301	1.0
25302	1.0
79PR25303	1.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: [signature]

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47359
INVOICE NO. 30471
RECEIVED June 4, 1979
ANALYSED June 11, 1979

TO: Canadian Occidental Petroleum Ltd.
Minerals Division ROCKS
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8 CC: E. Sacks
ATTN: PROJECT: Bald-Prinic-Rock

SAMPLE NO. :	PPM U
79PR25907R	0.5
25908R	0.5
25909R	1.0
25910R	1.0
25911R	0.5
25912R	1.5
25913R	<0.5
25914R	1.5
25915R	2.0
25916R	0.5
79PR25917R	0.5
79PR25957R	0.5
25958R	1.5
25959R	0.5
25960R	<0.5
79PR25961R	2.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY:

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

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• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47421

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8

INVOICE NO. 30514

RECEIVED June 6/79

ANALYSED June 13/79

ATTN: CC: E. Sacks

PROJECT: Prinic-Bald-Lock

SAMPLE NO.	PPM U
79PR25918R	4.0
25919	2.0
25920	1.5
25962	5.0
25963	4.0
25964	2.5
25965	2.5
79PR25966R	4.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: [signature]

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

CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47430

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont.

CC. E. Sacks
(Penticton)

ATTN:

INVOICE NO. 30554

RECEIVED June 6/79

ANALYSED June 15/79

PRINIC - Bald - Soil

SAMPLE NO. :	PPM U
79 PR - 25304	3.5
25305	3.5
25306	2.5
25307	2.5
25308	2.5
25309	2.5
25310	2.5
25311	34
25312	4.0
25313	8.0
25314	2.5
25315	1.5
25316	2.0
25317	2.0
25318	3.0
25319	2.0
25320	3.5
25321	3.5
25322	2.0
25323	4.0
25324	2.0
25325	2.0
25326	2.5
25327	3.0
25328	3.0
25331	2.5
25332	2.5
25333	2.5
25334	7.0
25335	11.0
25336	3.0
25337	2.5
25388	2.0
25339	20.0
25340	2.5
25341	2.0
25342	2.5
25343	3.5
25344	2.5
79 PR - 25345	3.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47431

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont.

CC. E. Sacks
(Penticton)

INVOICE NO. 30554

RECEIVED June 6/79

ATTN: PRINIC - Bald - Soil

ANALYSED June 15/79

SAMPLE NO. :	PPM U
79 PR - 25346	2.5
25347	2.5
25348	3.0
25349	2.5
25350	3.5
25351	3.0
25352	2.5
25353	2.5
25354	2.0
25355	1.5
25358	1.5
25359	1.5
25360	1.5
25361	1.0
25362	1.0
25363	1.0
25364	1.5
25365	1.5
25366	1.0
25367	2.0
25368	1.5
25369	1.5
25370	1.5
25371	1.5
25372	2.0
25373	17.5
25374	1.5
25375	2.0
25376	2.5
25377	4.0
25378	2.0
25379	2.5
25380	3.5
25381	2.0
25382	110
25383	2.0
25384	2.5
25385	2.5
25386	2.0
79 PR - 25387	1.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hank Biddle

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

CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47432

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division, CC. E. Sacks
Ste. 311 - 215 Carlingview Dr., (Penticton)
ATTN: Rexdale, Ont.

INVOICE NO. 30554
RECEIVED June 6/79
ANALYSED June 15/79

PRINIC - Bald - Soil

SAMPLE NO. :	PPM U
79 PR - 25388	2.0
25389	2.5
25390	2.0
25391	1.5
25392	2.0
25393	0.5
25394	2.0
25395	2.0
25396	2.0
25397	1.5
25398	3.0
25399	1.5
25400	3.5
25401	3.0
25402	3.5
25403	4.5
25404	4.5
25405	4.5
25406	3.0
25407	2.0
25408	4.5
25409	3.5
25410	3.0
25411	4.0
25412	3.0
25413	3.0
25414	3.0
25415	2.5
25416	2.5
25417	3.0
25418	3.0
25419	2.5
25420	3.0
25421	3.0
25422	3.0
25423	4.0
25424	3.0
25428	2.5
25429	3.0
79 PR - 25430	2.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47433

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont.

CC. E. Sacks (Penticton)

INVOICE NO. 30554

RECEIVED June 6/79

ATTN:

ANALYSED June 15/79

PRINIC - Bald - Soil

SAMPLE NO. :	PPM U
79 PR - 25431	< 0.5
25432	0.5
25433	1.0
25434	< 0.5
25435	0.5
25436	0.5
25437	0.5
25438	1.0
25439	1.0
25440	1.5
25441	1.0
25442	2.0
25443	0.5
25444	1.5
25445	6.5
25446	1.5
25447	13.0
25448	1.5
25449	1.5
25450	3.0
25451	3.0
25452	1.5
25453	1.0
25454	1.5
25455	1.0
25456	2.0
25457	1.5
25458	2.5
25459	2.5
25460	2.5
25461	2.0
25462	3.5
25463	2.5
25464	2.5
25465	3.5
25466	2.0
25467	1.5
25468	2.0
25469	5.0
79 PR - 25470	3.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47434

INVOICE NO. 30554

RECEIVED June 6/79

ANALYSED June 15/79

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont.

CC. E. Sacks
(Penticton)

ATTN:

PRINIC - Bald - Soil

SAMPLE NO. :	PPM U
79 PR - 25471	2.0
25472	2.0
25473	1.5
25474	5.0
25475	2.5
25476	2.0
25477	38
25478	2.0
25479	2.0
25480	2.0
25481	1.5
25482	1.5
25483	2.0
25484	1.5
25485	2.0
25486	2.0
25487	2.0
79 PR - 25488	2.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

CHEMEX LABS LTD.

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47941
INVOICE NO. 30894
RECEIVED June 27/79
ANALYSED July 5/79

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont. M9W 5X8

ATTN: PROJECT: PRINIC-BALD-ROCKS CHIP CC: D.M.Robertson

SAMPLE NO. :	PPM U
79PR25921R	2.5
25922	4.0
25923	4.5
25924	2.5
25925	3.0
25926	1.5
25927	1.0
25928	4.5
25929	3.0
25930	1.5
25931	2.0
79PR25932R	6.0
25967R	3.0
25968	3.0
25969	3.0
25970	2.0
25971	5.0
25972	3.0
25973	1.5
25974	5.0
25975	1.0
25976	1.5
25977	1.0
79PR25978R	1.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47945
INVOICE NO. 30894
RECEIVED June 27/79
ANALYSED July5/79

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont. M9W 5X8
ATTN: PROJECT: PRINIC-BALD-SOIL CC: D.M. Robertson

SAMPLE NO. :	PPM U
79PR25526	2.0
25527	1.0
25528	1.5
25529	1.5
25530	2.5
25531	2.5
25532	1.5
25533	2.0
25534	1.5
25535	1.5
25536	1.0
25537	2.5
25538	2.0
25539	2.0
25540	2.0
25541	1.5
25542	1.0
25543	1.0
25544	1.5
25545	1.5
25546	1.5
25547	1.5
25548	2.5
25549	1.5
25550	2.5
25551	1.5
25552	1.0
25553	1.5
25554	4.0
25555	1.5
25556	1.5
25557	2.5
25558	3.0
25559	2.0
25560	<0.5
25561	0.5
25562	0.5
25563	0.5
25564	0.5
25565	0.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47946
INVOICE NO. 30894
RECEIVED June 27/79
ANALYSED July 5/79

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont. M9W 5X8

ATTN: PROJECT: PRINIC-BALD-SOIL 1 CC: D.M. Robertson

SAMPLE NO. :	PPM U
79PR25566	0.5
25567	0.5
25568	0.5
25751	2.5
25752	0.5
25753	0.5
25754	0.5
25755	1.0
25756	0.5
25757	1.0
25758	1.0
25759	2.0
25760	0.5
25761	1.5
25762	0.5
25763	0.5
25764	0.5
25765	0.5
25766	0.5
25767	0.5
25768	0.5
25769	0.5
25770	1.0
25771	0.5
25772	0.5
25773	0.5
25774	0.5
25775	0.5
25776	0.5
25777	0.5
25778	0.5
25779	1.5
25780	2.5
25781	2.5
25782	0.5
25783	1.5
79PR25784	1.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 479 8
INVOICE NO. 30894
RECEIVED June 27,'79
ANALYSED July 5,'79

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont. M9W 5X8
ATTN: PROJECT: PRINIC-BALD-SOIL CC: D.M. Robertson

SAMPLE NO. :	PPM U
79PR25115	6.0
25116	1.0
25117	1.5
25194	1.0
25195	1.5
25196	1.0
25197	1.5
25198	8.0
25199	40
25200	4.0
25226	3.0
25227	4.5
25329	2.5
25330	2.0
25356	1.5
25357	1.5
25425	3.5
25426	7.5
25427	1.0
25489	1.0
25490	42
25491	1.5
25492	1.0
25493	0.5
25494	0.5
25495	0.5
25496	0.5
25497	0.5
25498	0.5
25499	2.5
25500	0.5
25501	4.0
25502	1.0
25503	4.0
25504	2.5
25505	1.0
25506	1.0
25507	2.0
25508	0.5
79PR25509	0.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47949
INVOICE NO. 30894
RECEIVED June 27/79
ANALYSED July 5/79

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont. M9W 5X8

ATTN: PROJECT: PRINIC-BALD-SOIL CC: D.M. Robertson

SAMPLE NO. :	PPM U
79PR25510	1.0
25511	3.0
25512	2.0
25513	180
25514	87
25515	1.0
25516	25.5
25517	2.5
25518	1.0
25519	5.0
25520	8.0
25521	22.5
25522	5.0
25523	1.0
25524	2.0
25525	1.0
25601	2.0
25602	1.0
25603	1.0
25604	1.0
25605	7.5
25606	2.5
25607	1.0
25608	1.0
25609	1.0
25610	2.0
25611	1.0
25612	1.0
25613	1.5
25614	1.0
25615	1.0
25616	2.5
25617	1.5
25618	1.0
25619	1.5
25620	2.5
25621	2.0
25622	1.5
25623	2.5
79PR25624	1.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47950
INVOICE NO. 30894
RECEIVED June 27/79
ANALYSED July 5/79

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont. M9W 5X8

ATTN: PROJECT: PRINIC-BALD-SOIL CC: D.M. Robertson

SAMPLE NO. :	PPM U
79PR25625	1.0
25626	1.0
25627	1.5
25628	1.0
25629	2.5
25630	3.5
25631	1.5
25632	1.0
25633	1.5
25634	1.0
25635	6.0
25636	1.5
25637	1.0
25638	2.0
25639	2.0
25640	3.0
25641	1.0
25642	2.5
25643	4.0
25644	12.0
25645	2.5
25646	4.0
25647	3.0
25648	1.0
25649	2.0
25650	1.5
25651	0.5
25652	1.5
25653	6.0
25654	38
25655	70
25656	4.0
25657	6.0
25658	3.0
25659	13.5
25660	26
25661	3.0
25662	1.0
25663	165
79PR25664	85

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47951
INVOICE NO. 30894
RECEIVED June 27/79
ANALYSED July 5/79

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont. M9W 5X8

ATTN: PROJECT: PRINIC-BALD-SOIL CC: D.M. Robertson

SAMPLE NO. :	PPM U
79PR25665	71

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hank Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48035
INVOICE NO. 30957
RECEIVED June 28/79
ANALYSED July 10/79

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8

ATTN: PROJECT: Prinic-Bald-Soil CC; D.M. Robertson

SAMPLE NO. :	PPM U
79PR25569	0.5
25570	0.5
25571	1.5
25572	1.5
25573	1.5
25574	0.5
25575	2.0
25576	1.5
25577	1.5
25578	1.0
25579	1.0
25580	0.5
25581	0.5
25582	2.0
25583	1.5
25584	2.0
25585	1.0
25586	1.5
25587	1.0
25588	1.0
25589	1.0
25590	1.0
25591	0.5
25592	<0.5
25593	<0.5
25594	<0.5
25595	0.5
25596	<0.5
25597	<0.5
25598	0.5
25599	<0.5
25600	1.0
25666	0.5
25667	<0.5
25668	0.5
25669	0.5
25670	1.5
25671	0.5
25672	<0.5
79PR25673	1.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48036

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8

INVOICE NO. 30957

RECEIVED June 28/79

ATTN: PROJECT: Prinic-Bald-Soil CC: D.M. Robertson

ANALYSED July 10/79

SAMPLE NO. :	PPM U
79PR25674	3.0
25675	<0.5
25676	0.5
25677	0.5
25678	2.0
25679	2.0
25680	1.0
25681	1.0
25682	2.0
25683	1.0
25684	1.0
25685	1.0
25686	3.5
25687	1.0
25688	1.0
25689	1.5
25690	3.0
25691	2.0
25692	1.5
25693	1.5
25694	2.5
25695	0.5
25696	<0.5
25697	0.5
25698	<0.5
25699	0.5
25700	<0.5
25701	1.5
25702	<0.5
25703	1.0
25704	0.5
25705	1.0
25706	1.0
25707	1.0
25708	1.0
25709	0.5
25710	1.0
25711	1.0
25712	1.0
79PR25713	1.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48037

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8

ATTN: PROJECT: Prinic-Bald-Soil CC: D.M. Robertson

INVOICE NO. 30957
RECEIVED June 28/79
ANALYSED July 10/79

SAMPLE NO. :	PPM U
79PR25714	4.0
25715	1.0
25716	1.5
25717	1.0
25718	1.0
25719	1.0
25720	2.0
25721	1.0
25722	1.0
25723	6.0
25724	1.0
25725	2.0
25726	1.0
25727	1.0
25728	1.0
25729	1.0
25730	1.0
25731	0.5
25732	1.5
25733	2.0
25734	<0.5
25735	<0.5
25736	<0.5
25737	<0.5
25738	<0.5
25739	<0.5
25740	<0.5
25741	0.5
25742	<0.5
25743	<0.5
25744	<0.5
25745	<0.5
25746	0.5
25747	<0.5
25748	<0.5
25749	0.5
25750	18.5
25785	<0.5
25786	1.5
79PR25787	0.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48038

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8

INVOICE NO. 30957

RECEIVED June 28/79

ANALYSED July 10/79

ATTN: PROJECT: Prinic-Bald-Soil CC: D.M. Robertson

SAMPLE NO. :	PPM U
79PR25788	<0.5
25789	1.5
25790	0.5
25791	<0.5
25792	<0.5
25793	0.5
25794	0.5
25795	<0.5
25796	3.5
25797	0.5
25798	1.5
25799	<0.5
25800	0.5
25801	1.0
25802	<0.5
25803	<0.5
25804	<0.5
25805	<0.5
25806	<0.5
25807	<0.5
25808	0.5
25809	2.0
25810	<0.5
25811	0.5
25812	<0.5
25813	0.5
25814	0.5
25815	0.5
25816	0.5
25817	1.0
25818	0.5
25819	0.5
25820	20
25821	1.0
25822	1.0
25823	0.5
25824	0.5
25825	1.0
25826	1.0
79PR25827	0.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48039

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8

INVOICE NO. 30957

RECEIVED June 28/79

ANALYSED July 10/79

ATTN: PROJECT: Prinic-Bald-Soil CC: D.M. Robertson

SAMPLE NO. :	PPM U
79PR25828	0.5
25829	0.5
25830	0.5
25831	0.5
25832	0.5
25833	0.5
25834	0.5
25835	0.5
25836	1.5
25837	0.5
25838	0.5
25839	0.5
25840	0.5
25841	0.5
25842	1.0
25843	1.0
25844	0.5
25845	0.5
25846	0.5
25847	21
25848	0.5
25849	8.0
25850	8.5
25851	0.5
25852	0.5
25853	6.0
25854	<0.5
25855	2.5
25856	0.5
25857	0.5
25858	0.5
25859	0.5
25860	<0.5
25861	0.5
25862	0.5
25863	<0.5
25864	0.5
25865	0.5
25866	2.5
79PR25867	0.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48040

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8

INVOICE NO. 30957

RECEIVED June 28/79

ANALYSED July 10/79

ATTN: PROJECT: Prinic-Bald-Soil CC: D.M. Robertson

SAMPLE NO. :	PPM U
79PR26001	2.0
26002	3.5
26003	2.0
26004	0.5
26005	0.5
26006	0.5
26007	0.5
26008	1.0
26009	6.5
26010	1.0
26011	0.5
26012	0.5
26013	1.0
26014	0.5
26015	1.0
26016	1.0
26017	0.5
26018	1.0
26019	2.0
26020	<0.5
26021	0.5
26022	0.5
26023	4.5
26024	2.0
26025	1.0
26101	0.5
26102	<0.5
26103	0.5
26104	0.5
26105	2.0
26106	<0.5
26107	1.0
26108	<0.5
26109	0.5
26110	2.0
26111	1.5
26112	0.5
26113	0.5
26114	0.5
79PR26115	0.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48041

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8

ATTN: PROJECT: Prinic-Bald-Soil

INVOICE NO. 30957

RECEIVED June 28/79

ANALYSED July 10/79

SAMPLE NO. :	PPM U
79PR26116	<0.5
26117	<0.5
26118	1.5
26119	1.5
26120	0.5
26121	4.5
26122	1.5
26123	2.0
26124	1.5
26125	1.0
26126	1.5
26127	1.5
26128	1.5
26129	1.5
26130	1.5
26131	1.5
26132	1.0
26133	1.0
79PR26152	1.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: [redacted] 984-0221
AREA CODE: 604
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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48042
INVOICE NO. 30957
RECEIVED June 28/79
ANALYSED July 10/79

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont. M9W 5X8

ATTN: PROJECT: Prinic-Bald-Bog CC: Robertson

SAMPLE NO. :	PPM U
79PR26134 SB	7.5
26135 SB	15.0
26136 SB	18.0
26137 SB	46
26138 SB	34
26189 SB	30
26140 SB	21.5
26141 SB	18.5
26142 SB	76
26143 SB	75
26144 SB	42
26145 SB	138
26146 SB	52
26147 SB	62
26148 SB	110
26149 SB	78
26150 SB	34
79PR26151 SB	14

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48115

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8

INVOICE NO. 30988

RECEIVED June 30/79

ROCKS

ATTN: PROJECT: Prinic-Bald-Rocks CC: D.M. Robertson

ANALYSED July 11/79

SAMPLE NO. :	PPM U
79PR25933	1.5
25934	0.5
25935	2.0
25936	4.0
25937	0.5
25938	1.0
25939	3.0
25979	2.5
25980	1.5
25981	4.0
25982	1.5
25983	1.5
25984	2.0
25985	1.5
25986	0.5
25987	1.0
25988	1.0
25989	2.5
25990	1.0
25991	2.0
25992	2.5
25993	1.0
25994	1.0
25995	2.5
25996	4.0
25997	2.0
25998	1.0
25999	3.0
26000	1.0
26951	1.5
26952	3.5
26953	4.0
79PR 26954	3.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

CHEMEX LABS LTD.

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48116

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division
Ste. 311 - 215 Carlingview Dr. CC. D.M. Robertson
Rexdale, Ont.

INVOICE NO. 30988

RECEIVED June 30/79

ATTN: PRINIC - BALD - Soil

ANALYSED July 11/79

SAMPLE NO. :	PPM U
79 PR 25866	2.0
25869	2.0
25870	1.5
25871	2.0
25872	1.5
25873	3.5
25874	1.5
25875	1.0
25876	1.0
25877	1.5
25878	12.0
25879	1.0
25880	1.5
25881	0.5
25882	2.5
25883	2.5
25884	1.5
25885	1.5
25886	1.5
25887	22.0
25888	1.5
25889	1.5
25890	1.0
25891	1.0
25892	2.5
25893	1.5
25894	1.5
25895	2.0
25896	1.0
25897	0.5
25898	2.0
25899	1.0
25900	1.5
26026	1.5
26027	1.5
26028	1.5
26029	1.0
26030	1.5
26031	0.5
79 PR 26032	1.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48117

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division
Ste. 311 - 215 Carlingview Dr., CC. D.M. Robertson
Rexdale, Ont.

INVOICE NO. 30988

RECEIVED June 30/79

ATTN: PRINIC - BALD - Soil

ANALYSED July 11/79

SAMPLE NO. :	PPM U
79 PR 26033	1.5
26034	1.5
26035	1.5
26036	1.5
26037	1.5
26038	1.5
26039	7.0
26040	2.5
26041	3.5
26042	2.0
26043	2.5
26044	1.0
26045	2.0
26046	2.0
26047	1.5
26048	1.5
26049	1.5
26050	1.5
26051	2.0
26052	2.0
26053	3.5
26054	6.5
26055	2.0
26056	2.0
26057	2.0
26058	1.5
26059	3.0
26060	1.0
26061	1.0
26062	1.0
26063	1.0
26064	1.5
26065	1.5
26066	1.0
26067	1.0
26068	2.0
26069	1.5
26070	2.0
26071	2.0
79 PR 26072	1.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48118
INVOICE NO. 30988
RECEIVED June 30/79
ANALYSED July 10/79

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont. M9W 5X8

ATTN:

PROJECT: PRINIC-BALD SOIL CC: Robertson

SAMPLE NO. :	PPM U
79PR 26073	0.5
26074	1.0
26075	1.0
26076	1.0
26077	1.0
26078	1.0
26079	1.5
26080	1.0
26081	3.5
26082	1.5
26161	0.5
26162	1.0
26163	1.0
26164	1.0
26165	1.0
26166	1.0
26167	1.0
26168	1.0
26169	1.0
26170	1.0
26171	1.0
26172	0.5
26173	1.0
26174	1.5
26175	1.0
26176	1.0
26177	1.0
26178	1.0
26179	1.0
26180	1.5
26181	1.5
26182	1.5
26183	1.5
26184	1.0
26185	1.5
26186	1.0
26187	0.5
26188	0.5
26189	0.5
79PR 26190	0.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 9[redacted] 984-0221
AREA CODE: 604
TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48119

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont. M9W 5X8

INVOICE NO. 30988

RECEIVED June 30/79

ANALYSED July 10/79

ATTN: PROJECT: PRINIC-BALD SOIL CC: Robertson

SAMPLE NO. :	PPM U
79PR 26191	0.5
26192	0.5
26201	0.5
26202	0.5
26203	0.5
26204	0.5
26205	9.0
26206	1.5
26207	0.5
26208	0.5
26209	0.5
26210	0.5
26211	0.5
26212	0.5
27213	0.5
26214	0.5
26215	0.5
26216	0.5
26217	0.5
26218	0.5
26219	0.5
26220	0.5
26221	0.5
26222	2.0
26223	0.5
26224	2.5
26225	1.0
26226	9.5
26227	0.5
26228	0.5
26229	0.5
26230	0.5
26231	0.5
26232	0.5
26233	0.5
26234	0.5
26235	0.5
26236	0.5
26237	1.0
79PR 26238	1.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Stewart Bickle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48120

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8

INVOICE NO. 30988

RECEIVED June 30/79

ANALYSED July 11/79

ATTN: PROJECT: Prinic-Bald-Soils CC: D.M. Robertson

SAMPLE NO. :	PPM U
79PR26239	1.5
26240	1.5
26241	2.5
26242	3.0
26243	1.0
26244	2.5
26245	1.5
26246	2.0
26247	0.5
26248	1.5
26249	1.0
26250	1.0
26251	7.5
26252	27
26253	7.5
26254	0.5
26255	0.5
26256	2.0
26257	2.0
26258	1.0
26259	3.0
26260	1.0
26261	3.5
26262	2.0
26263	0.5
26264	0.5
26265	1.0
26266	0.5
26267	1.0
26268	1.0
26269	2.0
79PR26270	0.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48205

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont. M9W 5X8

INVOICE NO. 31031

RECEIVED July 4/79

ANALYSED July 14/79

ATTN: PRINIC-BALD-SOILS CC: D.M. Robertson

SAMPLE NO. :	PPM U
79PR 26083	< 0.5
26084	< 0.5
26085	< 0.5
26086	< 0.5
26087	1.0
26088	0.5
26089	0.5
26090	2.0
26091	1.0
26092	< 0.5
26093	0.5
26094	0.5
26095	6.0
26096	1.0
26097	< 0.5
26098	< 0.5
26099	< 0.5
26100	< 0.5
26153	< 0.5
26154	< 0.5
26155	0.5
26156	3.0
26157	5.0
26158	< 0.5
26159	< 0.5
26160	0.5
26193	< 0.5
26194	0.5
26195	2.0
26196	1.0
26197	1.0
26198	0.5
26199	0.5
26200	1.0
26301	< 0.5
26302	4.0
26303	0.5
26304	< 0.5
26305	< 0.5
79PR 26306	< 0.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48206

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont. M9W 5X8

INVOICE NO. 31031

RECEIVED July 4/79

ANALYSED July 14/79

ATTN: PRINIC-BALD-SOILS CC: D.M. Robertson

SAMPLE NO. :	PPM U
79PR 26307	1.0
26308	< 0.5
26309	0.5
26310	< 0.5
26311	3.0
26312	0.5
26313	< 0.5
26314	0.5
26315	< 0.5
26316	0.5
26317	< 0.5
26318	0.5
26319	0.5
26320	0.5
26321	0.5
26322	1.5
26323	1.0
26324	1.0
26325	1.0
26326	1.0
26327	1.5
26328	1.0
26329	1.5
26330	1.0
26331	0.5
26332	1.0
26333	1.0
26334	1.0
26335	1.0
26336	1.5
26337	1.0
26338	1.0
26339	3.0
26401	1 0
26402	1.0
26403	0.5
26404	1.0
26405	1.0
26406	1.5
79PR 26407	2.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48207

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont. M9W 5X8

INVOICE NO. 31031

RECEIVED July 4/79

ANALYSED July 14/79

ATTN: PRINIC-BALD-SOILS CC: D.M. Robertson

SAMPLE NO. :	PPM U
75PR 26408	1.0
26409	1.0
26410	1.5
26411	1.5
26412	1.0
26413	1.0
26414	0.5
26415	1.0
26416	1.0
26417	0.5
26418	1.0
26419	1.5
26420	1.0
26421	1.5
26422	0.5
26423	1.0
26424	1.0
26425	0.5
26426	0.5
26427	1.0
26428	0.5
26429	0.5
26430	0.5
26431	0.5
26432	0.5
26433	0.5
26434	0.5
26435	0.5
26436	0.5
26437	0.5
26438	0.5
26439	0.5
26440	0.5
26441	1.0
26442	1.0
26443	0.5
26444	0.5
26445	1.0
26446	1.0
79PR 26447	1.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48208
INVOICE NO. 31031
RECEIVED July 4/79
ANALYSED July 14/79

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont. M9W 5X8

ATTN: PRINIC-BALD-SOILS CC: D.M. Robertson

SAMPLE NO. :	PPM U
79PR 26448	2.0
26449	1.0
26450	1.0
26451	1.0
26452	1.5
79PR 26453	117
26454	3.0
26455	1.0
79PR 26456	1.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Ian Bidle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48209

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont. M9W 5X8

INVOICE NO. 31031

RECEIVED July 4/79

ROCKS

ATTN: PRINIC-BALD-SOILS CC: D.M. Robertson

ANALYSED JUly 14/79

SAMPLE NO. :	PPM U
79PR 25940R	4.5
25941	2.0
25942	1.0
25943	1.5
25944	2.0
26955	1.5
26956	1.5
26957	3.0
26958	0.5
79PR 26959R	1.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48209

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division
311 - 215 Carlingview Dr.,
Rexdale, Ont.,
M9W 5X8

INVOICE NO. 31031

RECEIVED July 4, 1979

ATTN: PRINIC-BALD-ROCK
"Corrected Copy"

ANALYSED July 14, 1979

SAMPLE NO. :	PPM U	Originally sent as Project PRINIC BALD SOILS
79 PR 25940 R	4.5	
25941	2.0	
25942	1.0	
25943	1.5	
25944	2.0	
26955	1.5	
26956	1.5	
26957	3.0	
26958	0.5	
79 PR 26959R	1.0	

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hank Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48234
INVOICE NO. 31042
RECEIVED July 5/79
ANALYSED July 13/79

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, ONt. M9W 5X8

ATTN: PROJECT: Prinic-Bald-Soil CC: D.M. Robertson

SAMPLE NO. :	PPM U
79PR26271	2.0
26272	4.0
26273	1.5
26274	1.5
26275	3.0
26276	1.5
26277	2.0
26278	1.0
26279	2.0
26280	1.0
26281	1.0
26282	1.5
26283	2.0
26284	1.5
26285	1.0
26286	1.5
26287	1.0
26288	2.0
26289	1.0
26290	1.5
26291	1.0
79PR26292	0.5

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48235

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
STe. 311 - 215 Carlingview Dr.
Rexdale, ONt. M9W 5X8

INVOICE NO. 31042

RECEIVED July 5/79

ATTN: PROJECT: Prinic-Bald-Bog CC: D.M. Robertson

ANALYSED July 13/79

SAMPLE NO. :	PPM U
79PR26457 SB	5.5
26458 SB	6.5
26459 SB	6.5
26460 SB	4.0
26461 SB	5.5
26462 SB	10.5
79PR26463 SB	4.0

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 49044
INVOICE NO. 31774
RECEIVED July 24/79
ANALYSED Aug. 13/79

TO: Canadian Occidental Petroleum Ltd.
Minerals Division
Ste. 311 - 215 Carlingview Dr.
Rexdale, Ont. M9W 5X8
ATTN: PROJECT: Prinic-Bald-Bog CC: Robertson

SAMPLE NO. :	PPM U
79PR26464 SB	125
26465	127
26466	>400
26467	150
26468	107
26469	350
26470	94
79PR26471 SB	54

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

CHEMEX LABS LTD.

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

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ASSAY

CERTIFICATE NO. 65941

INVOICE NO. 31919

RECEIVED Aug. 14/79

ANALYSED Aug. 16/79

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont.

ATTN: Prinic-Bald

SAMPLE NO. :	% U308	From Geo. #49044
79 PR 26466	0.147	

CTA MEMBER CANADIAN TESTING ASSOCIATION

REGISTERED ASSAYER, PROVINCE OF BRITISH COLUMBIA

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 49083
INVOICE NO. 32425
RECEIVED July 26, 1979
ANALYSED September 5, 1979

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division
311 - 215 Carlingview Dr.,
ATTN: Rexdale, Ont.
M9W 5X8 ATTN: D.M. Robertson PRINIC-BALD-ROCK PULP

SAMPLE NO. :	PPM Th	
79 PR 25901	12	
25902	4	From Geochem Certificates 47305, 47359, 47941,
25903	6	48115, 48209.
Bag #4 25904	12	
25905	10	
25906	8	
25907	5	
25908	3	
25909	10	
25910	5	
25931	NSS	
25932	NSS	
25933	8	
25934	6	
25935	12	
Bag #5 25936	9	
25937	6	
25938	10	
25939	14	
25940	NSS	
25951	10	
25952	14	
25953	5	
25954	9	
25955	11	
25956	11	
25957	10	
25958	14	
25959	10	
25960	11	
Bag #6 26951	7	
26952	9	
26953	8	
26954	13	
26955	NSS	
26956	NSS	
26957	NSS	
26958	NSS	
79 PR 26959	NSS	

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47305

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont.

ATTN: PRINIC-Bald-Rock (E. Sacks)

INVOICE NO. 33129

RECEIVED Sept. 5/79

ANALYSED Oct. 10/79

SAMPLE NO. :	PPM Th
79 PR 25901R	13
25902	5
25903	6
25904	13
25905	11
25906	12
25951	12
25952	14
25953	8
25954	6
25955	13
79 PR 25956R	10

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hank Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47359

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont.

ATTN: BALD-Prinic-Rock (E. Sacks)

INVOICE NO. 33129

RECEIVED Sept. 5/79

ANALYSED Oct. 10/79

SAMPLE NO. :	PPM Th
79 PR 25907R	4
25908	4
25909	11
25910	6
25957	14
25958	15
25959	14
79 PR 25960R	14

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 47941

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311-215 Carlingview Dr.,
Rexdale, Ont.

INVOICE NO. 33129

RECEIVED Sept. 5/79

ANALYSED Oct. 10/79

ATTN: PRINIC-Bald-Rock Chip (Mr. Robertson)

SAMPLE NO. :	PPM Th
79 PR 25931	7
79 PR 25932	14

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

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CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48115

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
STe. 311 - 215 Carlingview Dr.,
Rexdale, Ont.

INVOICE NO. 33129

RECEIVED Sept. 5/79

ANALYSED Oct. 10/79

ATTN: PRINIC-Bald-Rocks (Mr. Robertson)

SAMPLE NO. :	PPM Th
79 PR 25933	12
25934	7
25935	16
25936	12
25937	7
25938	10
25939	17
26951	7
26952	9
26953	15
79 PR 26954	18

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hart Biddle

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

CHEMEX LABS LTD.

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. 48209

INVOICE NO. 33129

RECEIVED Sept. 5/79

ANALYSED Oct. 10/79

TO: Canadian Occidental Petroleum Ltd.,
Minerals Division,
Ste. 311 - 215 Carlingview Dr.,
Rexdale, Ont.

ATTN: PRINIC-Bald-Rock (Mr. Robertson)

SAMPLE NO. :	PPM Th
79 PR 25940	11
26955	21
26956	16
26957	67
26958	12
79 PR 26959	10

CTA MEMBER CANADIAN TESTING ASSOCIATION

CERTIFIED BY: Hank Biddle

BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5 PHONE: 237-3110

Geochemical Lab Report

Extraction Cu,Pb,Zn,Mo,Ag,W,U,- HNO_3 — Report No. 603-79

Method HNO_3 HCl AA — Sinter Color Fluorimetric — From CANOXY Minerals

Fraction Used H.M.C. reduced to -200 mesh — Date June 6, 1979

Project # PRINIC

SAMPLE NO.	Cu ppm	Pb corr ppm	Zn ppm	Mo ppm	Ag corr ppm	W ppm	U ppm	REMARKS
Bald 79-1	10	12	57	2	ND	20	4.4	BALD Heavy Mineral
79 PR 16801	12	36	88	2	ND	18	3.4	CLARK Heavy Mineral
				wt. of Heavies				weight of lights
Bald 79-1				22.9 gms				248.5 gms
79 PR 16801				22.5 gms				182.8 gms
				Note: Au and Sn results to follow.				

BONDAR-CLEGG & COMPANY LTD.

764 BELFAST ROAD, OTTAWA, ONTARIO, K1G 0Z5 PHONE: 237-3110

Geochemical Lab Report

BALD - HEAVY MINERAL SAMPLE

Extraction Au HNO_3-HCl, Sn Report No. 603-79

Method FA-A.A., XRF From Canoxy Minerals

Fraction Used H.M.C. reduced to -200 mesh Date June 21 Project No. PRINIC 19 79

SAMPLE NO.	SAMPLE WT. (gm)		Au ppb		Sn ppm		REMARKS
BALD79-1		7	15		10		BALD Heavy Mineral
79FR 16801		7	5		7		CLARK " "

DETECTION LIMITS FOR GOLD

[illegible] sample 5 ppb.

[illegible] sample 10 ppb.

[illegible] 50 ppb.

APPENDIX III

Personnel Involved In Program

CANADIAN OCCIDENTAL PETROLEUM LIMITED, Minerals Division,

311 - 215 Carlingview Drive, Rexdale, Ontario.

NAME	POSITION
D. M. Robertson B.Sc.	Geologist
M. J. Crandall	Sr. Assistant/Geologist
D. Guglielmin	Jr. Assistant/Geoghcmical Sampler
J. Krol	" "
M. Bradshaw	" "
FUTURA DEVELOPMENTS REG'D, Penticton, B.C.	#64, 3099 South Main St. Penticton, B.C.
A. Dupras	Staker, line cutter
R. Morin	Staker, line cutter

APPENDIX IV

COMMENTS: Dr. C. F. GLEESON, Consulting Geochemist

October 16, 1979

BALD

Most of the claims are underlain by QMNZ (JUR) with aplite dykes.

N-S scint anom. > 20 cps. is apparent along steep hillside on east part of the property. Highest rock geoch. - (5 - 6 ppm U) occurs within northern part of this zone. High geoch. in soil (> 10 ppm and up to 180 ppm U) at base of the steep slope. Just S-W of the S part of this anom. zone there is a N-E trending gorge.

Conclusions: It appears that the QMNZ on the east side of the property is slightly more radioactive (> 20 cps.) than elsewhere. Also there are 2 rock samples from this area containing 5 and 6 ppm U (bkg. 1 - 3 ppm). Soil anomalies(10 - 180 ppm) are present at the base of this slope - this could represent a build-up of U in organic soils from ground water seepages. To get a definite answer on this would require drilling. A northeast trending gorge near the south end of the soil anomaly suggests a possible N-E faulting or fracturing of the granite. Intergranitic veins would be the model for this environment - the area should be prospected in detail.

Comments: Note: Organic rich soils should be indicated on soil map.

STATEMENT OF EXPENDITURES

CLAIMS BALD 1-4 (62 units) Revised

RECORD NUMBERS 483-486

		Pro-rated Costs[1]
Salaries and Benefits		$ 3,113.83
Travel and Accommodation		438.82
Drafting and Reproduction		236.24
Consultant		113.61
Camp Costs and Supplies		943.01
Rental of Equipment		1,063.56
Administration @ 10%		590.93
	Sub Total	$ 6,500.00
Line Cutting 58.9 km @ $218	$12,810.00[2]	
Geochemical analyses	3,885.76[3]	
PAC	1,604.24	18,300.00
	TOTAL	$24,800.00

Notes

1) Pro-rated on basis of 20 man-days worked on claims conducting geological/geochemical/geophysical surveys out of a total of 798 man-days spent on these surveys during Project Prinic (see attached breakdown on following sheet)

2) Line cutting completed by Futura Developments Reg'd., Penticton, B.C.

3) Geochemical analyses completed by Chemex Labs, Vancouver, B.C.

STATEMENT OF EXPENDITURES

CLAIMS BALD 1-4 (62 Units)

RECORD NUMBERS 483-486

			Pro-rated Costs
Salaries and Benefits			$ 8,563.04
Travel and Accommodation			1,206.76
Drafting and reproduction			649.66
Consultant			312.42
Camp costs and supplies			2,593.27
Rental of equipment			2,924.79
Administration @ 10%			1,625.06
SUB TOTAL			17,875.00
Linecutting 58.9 km @ $218	$12,810.00[2]		
Geochemical analyses	3,885.76[3]		
PAC	2,629.24		19,325.00
TOTAL		$	37,200.00

Notes

1) Pro-rated on basis of 55 man-days worked on claims conducting geological/geochemical/geophysical surveys out of a total of 798 man-days spent on these surveys during Project Prinic (see attached breakdown on following sheet)

2) Linecutting completed by Futura DevelopmentsReg'd.,Penticton, B.C.

3) Geochemical analyses completed by Chemex Labs, Vancouver, B.C.

PROJECT PRINIC EXPENDITURES- 1979

Geological,Geochemical/Geophysical Surveys
Excl.linecutting, drilling,staking and geochemical analyses

Salaries and Benefits	$ 124,242
Travel and Accommodation	17,509
Drafting and Reproduction	9,426
Consultant	4,533
Camp Costs and Supplies	37,626
Rental of Equipment	42,436
Administration @ 10%	23,578
TOTAL	$ 259,350[1]

Note:

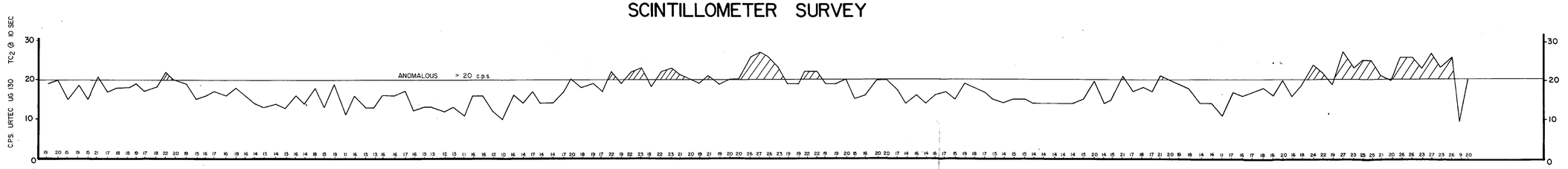
[1]A total of 798 man-days was spent carrying out geological/geochemical/geophysical surveys during summer 1979 on Project Prinic (refer attached man-day breakdown)

PROJECT PRINIC EXPENDITURES

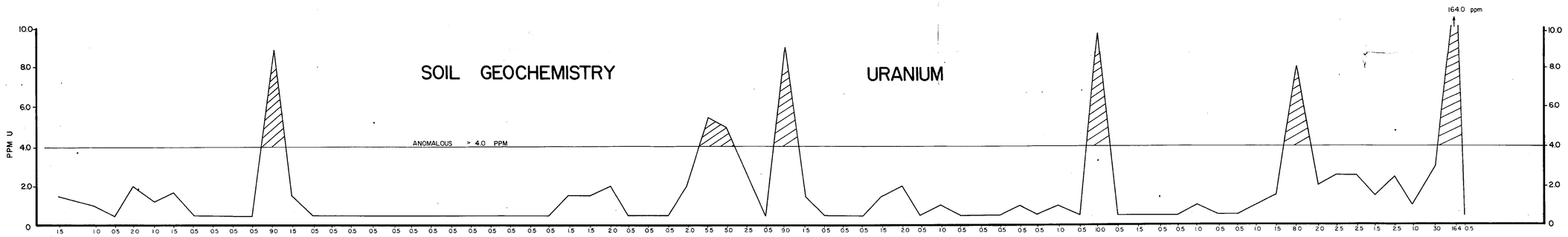
1979 FIELD WORK (excluding drilling, geochem analyses staking)

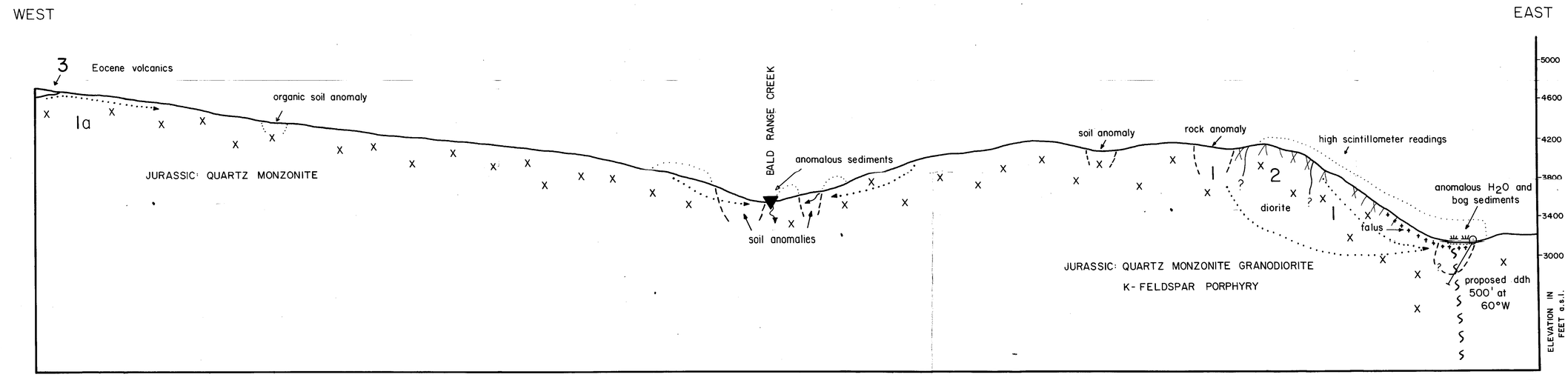
	Claim	No. of Man-Days Work	Pro-rated Survey[1] cost @$325/man-day	No. of miles(km) of linecutting	Linecutting Cost @$350/1.m.(or $218/km)
1)	MAR 1-2	35	$ 11,375	5.5(8.9)	$ 1,925
2)	WAS 1-2	15	4,875	9.1(14.6)	3,185
3)	GLAD 1-4) 5-10)	11	3,575	—	—
4)	SEC 1	20	6,500	8.5(13.7)	2,975
5)	FIN 1-2	10	3,250	-	-
6)	NIC	50	16,250)		
		45	14,625)	28.2(45.4)	9,870
		40	13,000)		
7)	FRED 1-2) 3-5)	20	6,500	14.8(23.8)	5,180
8)	LINK 1-3	144	46,800	33.5(53.9)	11,725
9)	BALD 1-4	55	17,875	36.6(58.9)	12,810
10)	ENEAS 1-5	44	14,300	11.1(17.9)	3,885
11)	TOK 1-4	70	22,750	41.8(67.3)	14,630
12)	DEMUTH 1	10	3,250	5.4(8.7)	1,890
13)	DARK 1-5	32	10,400	32.4(52.1)	16,524
14)	COMA 1-3	2	650	-	-
15)	FOX 1	10	3,250	4.2(6.8)	1,470
16)	MEL 1-2	20	6,500	6.4(10.3)	2,240
17)	SHORT 1	-	-	-	-
18)	SHIN 1-2	-	-	-	-
19)	CLARK 1-6	125	40,625	19.4(31.2)	6,790
20)	DROP 1	15	4,875	3.4(5.5)	1,190
21)	STAKE 1-2	25	8,125	5.4(8.7)	1,890
	TOTAL	798	$259,350	233.3(375.4)	$98,179

SCINTILLOMETER SURVEY



SOIL GEOCHEMISTRY URANIUM





PRINIC - BALD CLAIMS SCHEMATIC E-W CROSS-SECTION ALONG L0+00N 1" = 400'

D. M. Robertson
NOV. 1979
PLAN 7

BOG PIT N°5
4.0-10.5 ppm U

BOG PIT N°4
8.0-200 ppm U

BOG PIT N°1
7.5-46 ppm U

BOG PIT N°2
19.0-76.0 ppm U

BOG PIT N°3
14.0-X1245 ppm U
Proposed ddh location

DRAINAGE

DIVIDE

BALD 1
BALD 2
BALD 3
BALD 4
BALD 5
BALD 6

A
B

1a
1a,b,c
1a,c
1a,b,c
1a,c
2
2
2
2
3
3

TRUE NORTH
22
MAG NORTH

LEGEND

Eocene 3. Kamloops Group, porphyritic basalt or andesite

Jurassic 2. Diorite to Quartz Diorite

1a,b,c Quartz Monzonite, Granodiorite and K-feldspar porphyry

Soil geochemical anomaly > 4.0 ppm U

Rock geochemical anomaly > 3.0 ppm U

Scintillometer anomaly > 20 c.p.s.

Anomalous bog pit > 10 ppm U

Anomalous H_2O (1978) > 4 ppb U

Anomalous stream sediment > 20 ppm U (1974, 1978)

Claim boundary

CANADIAN OCCIDENTAL PETROLEUM LTD.
MINERALS DIVISION
PROJECT PRINIC

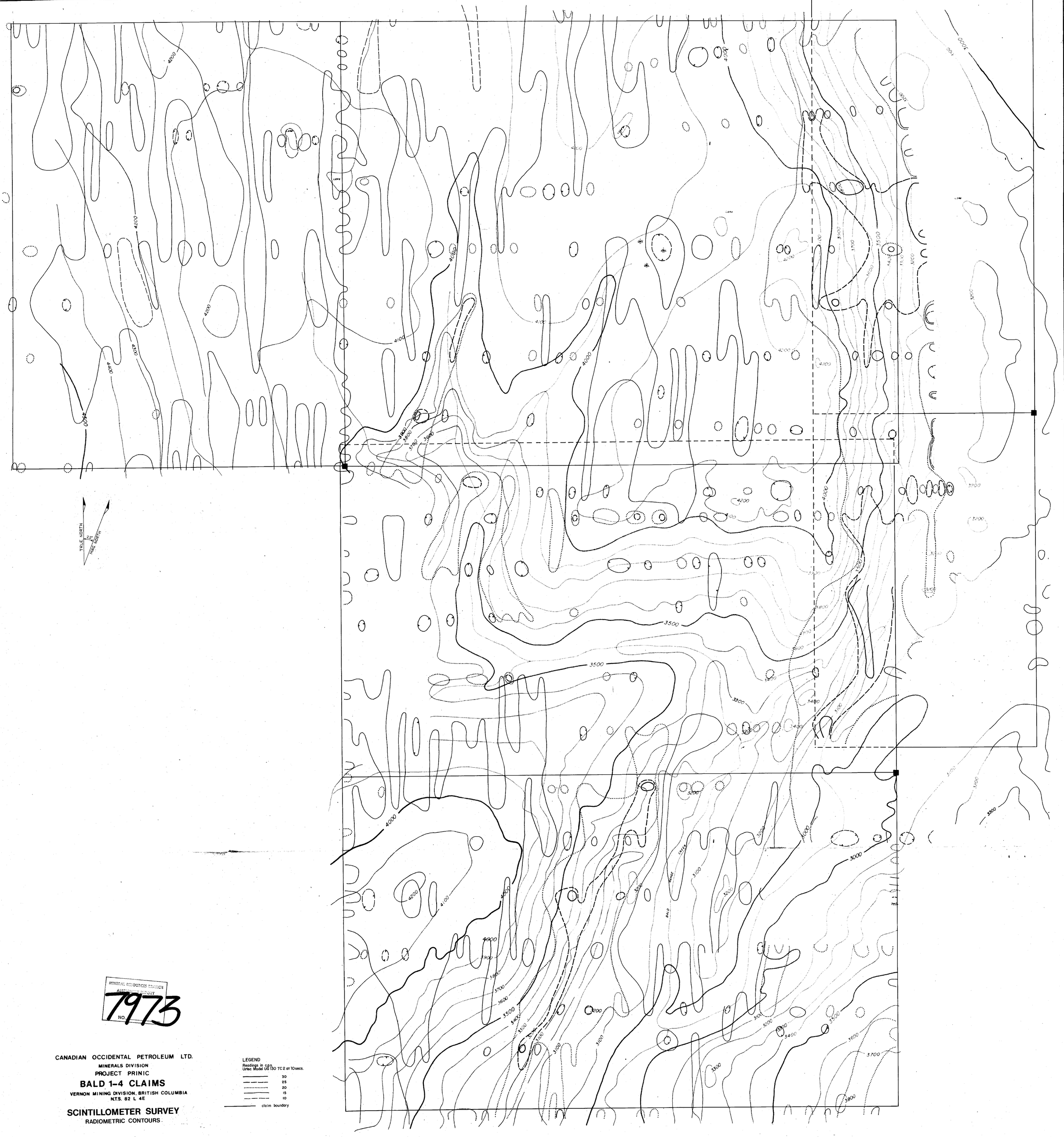
BALD 1-4 CLAIMS

VERNON MINING DIVISION, BRITISH COLUMBIA
N.T.S. 82 L 4E

COMPILATION OF GEOLOGY, SOIL GEOCHEMICAL AND RADIOMETRIC ANOMALIES

SCALE IN FEET
400 0 400 800 1200

JULY 1979 PLAN 6



CANADIAN OCCIDENTAL PETROLEUM LTD.

MINERALS DIVISION

PROJECT PRINIC

BALD 1-4 CLAIMS

VERNON MINING DIVISION, BRITISH COLUMBIA

N.T.S. 82 L 4E

SCINTILLOMETER SURVEY

RADIOMETRIC CONTOURS

LEGEND

Readings in c.p.s.
Urtec Model U6 130 TC 2 at 10 secs.

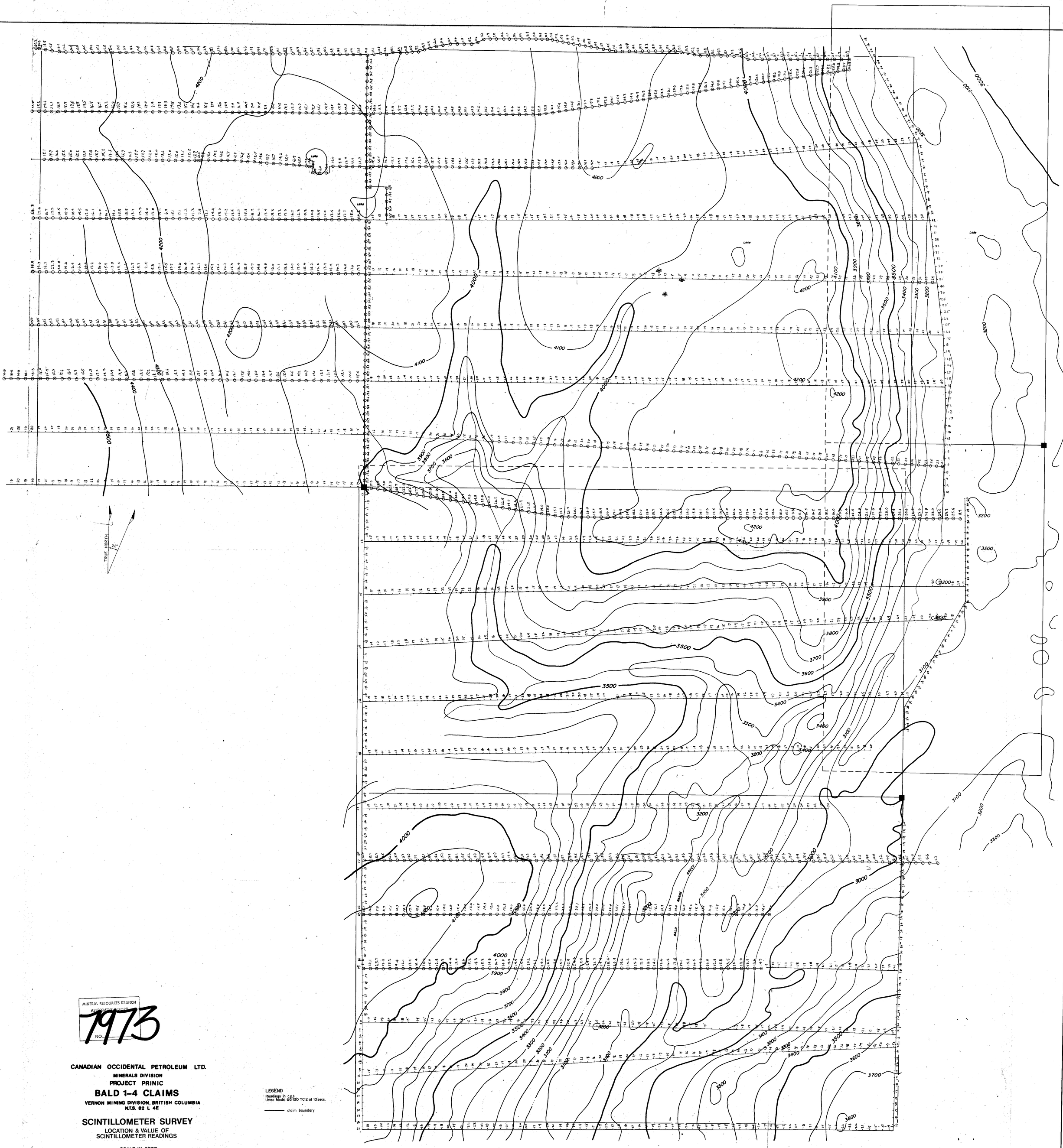
- 30
- 25
- 20
- 15
- 10
- claim boundary

SCALE IN FEET

400 0 400 800 1200

JULY 1979

PLAN 5



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 1973

CANADIAN OCCIDENTAL PETROLEUM LTD.

MINERALS DIVISION

PROJECT PRINIC

BALD 1-4 CLAIMS

VERNON MINING DIVISION, BRITISH COLUMBIA
N.T.S. 82 L 4E

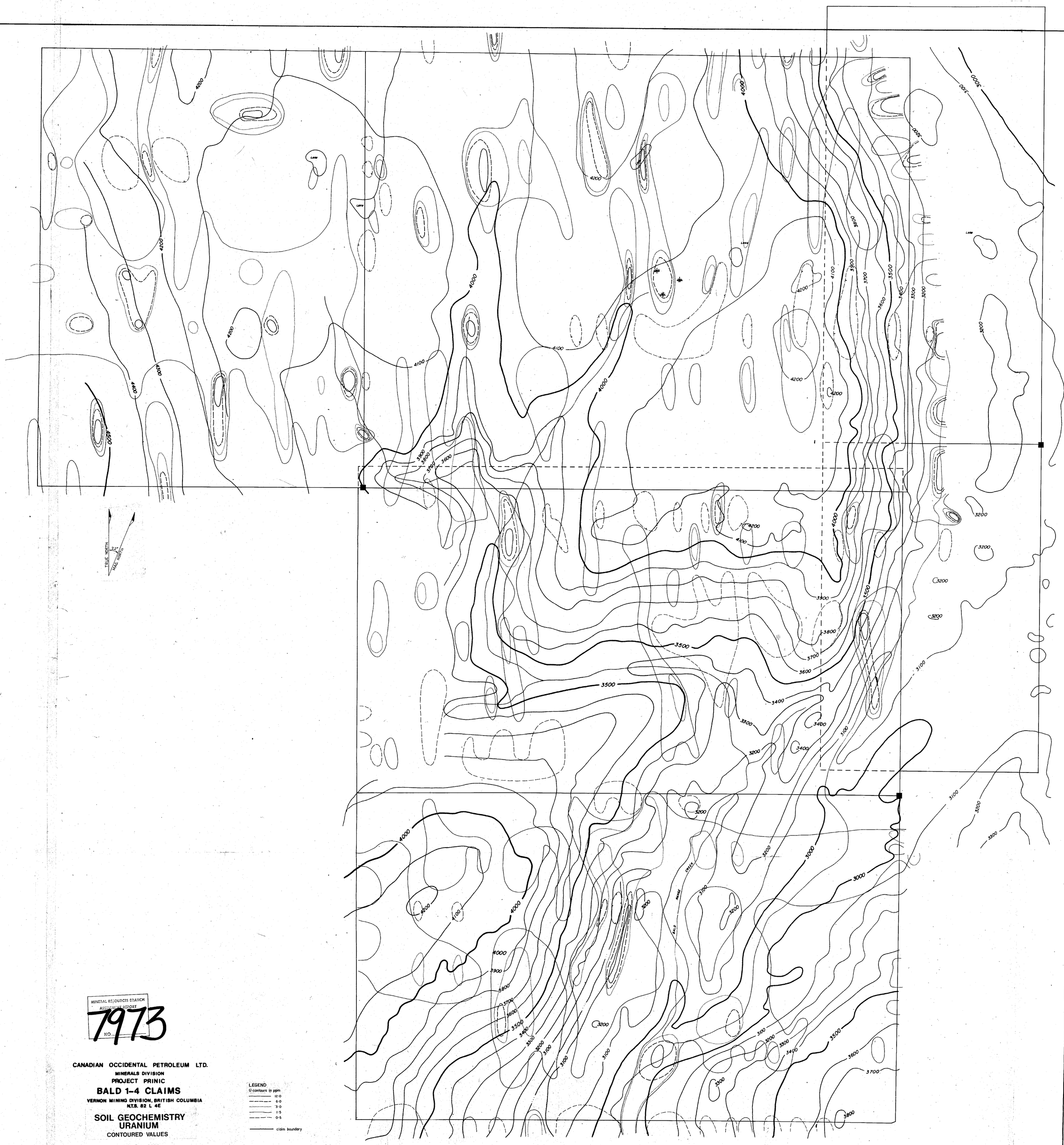
SCINTILLOMETER SURVEY

LOCATION & VALUE OF
SCINTILLOMETER READINGS

SCALE IN FEET
400 0 400 800 1200

JULY 1979

PLAN 4



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 7973

CANADIAN OCCIDENTAL PETROLEUM LTD.

MINERALS DIVISION

PROJECT PRINIC

BALD 1-4 CLAIMS

VERNON MINING DIVISION, BRITISH COLUMBIA
N.T.S. 82 L 4E

SOIL GEOCHEMISTRY
URANIUM
CONTOURED VALUES

JULY 1979

PLAN 3

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 793

CANADIAN OCCIDENTAL PETROLEUM LTD.

MINERALS DIVISION

PROJECT PRINIC

BALD 1-4 CLAIMS

VERNON MINING DIVISION, BRITISH COLUMBIA
N.T.S. 82 L 4E

SOIL GEOCHEMISTRY
URANIUM

SAMPLE LOCATION AND VALUE

SCALE IN FEET
400 0 400 800 1200

JULY 1979 PLAN 2

LEGEND
ppm U
79 PR sample number
PROBABLY ANOMALOUS > 3·0
ANOMALOUS > 4·0
claim boundary

TRUE NORTH
MAG. NORTH

A B

BALD CREEK RANGE

POND

Lake

LEGEND

ROCK UNITS

Eocene 3. Kamloops Group: dark, porphyritic, feldspar lath, basalt or andesite.

Jurassic 2. Diorite to Quartz Diorite: medium to coarse-grained, occasionally foliated, biotite and biotite-hornblende diorite to quartz diorite, mafic content +15%, may represent mafic phase of Unit 1, occasionally occurs as bands or pods within Unit 1.

1. Quartz Monzonite (1a) to Granodiorite (1b) to K-feldspar (perthite) Porphyry (1c) medium to coarse-grained, heterogeneous, hypidiomorphic granular intrusion, <10% mafics, aplite dykes, pegmatites and mafic xenoliths common.

SYMBOLS

- outcrop
- geological boundary
- fault
- joint
- road
- swamp or bog
- claim boundary

ppm U △ ppm Th rock chip
79 PR sample number

Anomalous ▲ >3·0ppm U

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 7973

CANADIAN OCCIDENTAL PETROLEUM LTD.
MINERALS DIVISION
PROJECT PRINIC

BALD 1-4 CLAIMS

VERNON MINING DIVISION, BRITISH COLUMBIA
N.T.S. 82 L 4E

GEOLOGY & ROCK GEOCHEMISTRY

SCALE IN FEET
400 0 400 800 1200

JULY 1979 PLAN 1