CHINOOK CONSTRUCTION & ENGINEERING LTD. GEOLOGY, GEOPHYSICS AND PERCUSSION DRILLING

ON THE GRAND FORKS PROPERTY IN THE GREENWOOD MINING DIVISION

(NTS 82E/ 1W)

Claims:	Hot	Record No	o. 401	Units	8
	Sun		400		6
	Deb		570		12
	Radar 2		37349		1
	Radar 3		37350		1
	Meredith II		399		8
	Radar		36765		1
	Tara		571		16
	Midnite		476		20
	Midway		402		18
	Radar 4		37351		1
	Radar 5		37352		1
	Ben		429		6
	Snow		475		8
	Dena		572		4

. -

			-	
Longi	tude	:	118	26'W

		0	
Tatituda	•	49 06'	N
rurrunc	•		

Work Done By: Chinook Construction & Engineering Ltd.

Owners : Chinook Construction & Engineering Ltd. Consolidated Boundary Exploration Ltd.

Author : A.M. de Quadros, Ph.D.

Date	:	July	4.	1979



TABLE OF CONTENTS

1

TRODUCTIONPage 1
AIMS 2
COLOGY AND GEOPHYSICS
ILLING
DNCLUSIONS 12
PPENDIX 1 : DRILL HOLE LOGS & ASSAYS
PENDIX 2 : STATEMENT OF COSTS
: PERSONNEL & WAGE RECORD
: EQUIPMENT RECORD
PPENDIX 3 : STATEMENT OF QUALIFICATIONS

LIST OF FIGURES

FIG.	1	:	THE GRAND FORKS PROPERTYPa	ige 2
FIG.	2	:	CLAIMS AND GEOLOGYIr	n Pocket
FIG.	3	:	No. 1 SHOWINGIr	1 Pocket
FIG.	4	:	KIWI SHOWINGIr	1 Pocket
FIG.	5	:	No. 2 SHOWINGIn	1 Pocket



INTRODUCTION

The C.B.C. Joint Venture holds approximately 250 mineral units north of the township of Grand Forks, B.C., 500 kilometres east of Vancouver, B.C. (Fig. 1). The claims lie approximately 110 kilometres north of the Midnight and Sherwood Mines, both major sources of uranium in the State of Washington.

Uranium was first discovered on the property during 1969, and since then a limited amount of trenching, mapping and scintillometric work was conducted, resulting in location of several radiometric anomalous zones. A preliminary metallurgical test by Newmont in 1970 indicated easy recovery of uraninite and molybdenite.

Since acquiring the property in 1977, the C.B.C. Joint Venture has conducted extensive geochemical sampling, geological mapping and radiometric survey over the West Block. The existence of the No. 1 and No. 2 showings in rock outcrop was confirmed and a further major showing (The Kiwi Showing) was discovered, measuring approximately 100 metres by 150 metres. Initial grab-sample assays on the Kiwi range from 0.640 to 0.176% U₃0₈, averaging 0.37% U₃08 (approximately 7 pounds per ton). Several large geochemical anomalies in areas of poor outcrop have also been outlined.

The uranium mineralization occurs in highly metamorphosed and partially melted metasedimentary rocks of the Grand Forks Group heavily intruded by acid igneous rocks of Nelson or Coryell age. in hand specimen it is visible as a light green-yellow coating of secondary autunite, the primary uraninite being generally too fine-grained to be visible with a hand lens. Biotite clots are particularly heavily mineralized. The geological environment is quite similar to that of the deposits in the Province of Ontario and the State of Washington. During 1978, the exploratory percussion drilling of the main radiometric and geochemical anomalies was conducted, together with geological and radiometric surveys of the East and Southwest Blocks. The holes, about 20 metres deep, were probed with a downhole scintilometer to help establish some parameters for vertical continuity. Preliminary radiometry and geology indicate the potential for further Kiwi-type showings; further showings are to be expected in the unexplored parts of this very promising property.

Field work on the Granby Property of the C.B.C. Joint Venture started early in April with the arrival of the project geologist, Mel de Quadros, and the geophysical operator, Clive Ashworth, in Grand Forks. Detailed examination of the showing proceeded smoothly, though with some difficulty due to inclement weather and the poor condition of the access roads during break-up.

The Air-track drill and the D-6D bulldozer were brought to the property during the last week of May and drilling commenced on the 3rd of June. Forty-two holes, toatlling about 600 metres (1950 feet) were drilled on the No. 1, No. 2 and Kiwi Showings. Samples of drill cuttings were taken for assay and the holes were probed with a down-hole Geiger-Muller tube. The drilling ended on the 23rd of June and the equipment was returned to Prince George.

The purpose of the ammended Phase II work was an in-depth study of the showings, coupled with such assessment work as was due on the claims needing renewal. This report summarizes the work done and the results obtained from the work.

-3-

Equipment and crew have been listed in Appendix 2 and will not be repeated here. The crew was kept on until the 10th of July to finish the reclamation/clean-up work on the property; a burn was conducted in November 1978. The cleanup was approved by the Forest Ranger in Grand Forks.

GEOLOGY AND GEOPHYSICS

Prospecting and mapping of the areas around the showings result in the following observations and conclusions:

1. The principal host rocks for the uranium mineralisation are quartz-rich pegmatites (often with clots of biotite and almandine) that occur within the granites and the biotite-gneisses of the Grand Forks Group.

2. Uranium was concentrated in residual granitic fluids and crystallised as uraninite and possibly some uraniferous refractory minerals, crystallising at approximately the same time as the essential constituents of the pegmatites.

3. Minor amounts of uranium were leached out during erosion, transported short distances and deposited along fractures and joints in the granites and biotite-gneisses as autunite and uranophane. It appears that very little of the uranium in the granites and gneisses is primary.

4. The poor exposures hinder the estimation of dimensions of the pegmatite lenses; most appear to be lenticular. Surface prospecting seems to indicate that there are, however, very many of these small pegmatites; further work is needed to determine if these are numerous and close enough to form ore deposits.

5. Within a given pegmatite, the radioactivity appears to be erratically distributed and generally reaches the highest values in the quartz-lenses and biotite-clots. The erratic distribution may be the result of differential leaching of uranium, in part during the sericitisation of feldspars and in part during weathering.

-5-

6. Select samples and chip-samples with values vastly over ore-grade are easily obtainable from outcrop, though chip-samples generally tend to be closer to ore-grade due to dilution by barren rock.

7. Comparison of radiometric and fluorometric assays indicate that there is disequilibrium in the exposures. The actual U_30_8 content appears to show little correlation with radiometric measurements in exposures; that the correlation improves with depth is, however, indicated by the drilling.

8. Basic geological mapping near the margins of the pegmatites, and especially in the area between the No. 2 and No. 3 showings (where a large number of anomalous pegmatites are exposed) indicates that the pegmatites are concordant with the regional foliation of the gneisses (20 to 40° to the SW). This would result in large areal outcrop of essentially thin layers.

9. Prospecting over the geochemical anomalies was hindered by the very poor outcrop and no definite correlation with the geology was obtained during this programme.

Any further geological work should concentrate on location of shears and pegmatite swarms, where localisation of uranium may result in an ore body. The geology and the mineralogy of the exposures suggest the theoretical models to be followed are the deposits of Bancroft or Rossing; furthermore, the possibility of shear-zone mineralisation such as that of Daybreak Mine, Washington, can not as yet be ruled out.

PHYSICAL WORK

Due to the poor condition of the access roads following break-up, a considerable amount of cat-work was necessary to upgrade the roads and to prevent further erosion, as well as to restore the roads to original condition after usage by company vehicles. An access road, approximately 2 kilometres, was built to obtain access to the No. 1 and the Kiwi showings; this road was built to the standards required by the District Forest Ranger and is shown in Fig. 2. All fallen trees were bucked and the branches were lopped and scattered in compliance with conditions of our free-use permit.

It was found necessary to use the bulldozer more than anticipated during the drilling program due to density of trees and the large number of small but abrupt cliffs which had to be avoided by the percussion drill. All these drill roads were cleaned up after the drilling programme was completed.

Mr. Eric Peterson of the District Ranger's Office visited the property, and apart from one section where he proposed a burn in the late fall, he approved the reclamation work. The burn involved obtaining a permit from the Forest Ranger, and about 2 days work by two men in November 1978, and has since been approved by the Forest Ranger's Office in Grand Forks.

-7-

DRILLING

-8-

A total of 42 percussion holes were drilled on the No. 1, No. 2 and Kiwi Showings; location of these holes are shown on the maps included in this report. The distribution of the holes is as follows:

Holes	PH78A	-1 t	to PH78A- 6	No. 1 Showing	(Fig.	3)
Holes	PH78B	-7 t	co PH78B-24	Kiwi Showing	(Fig.	4)
Holes	PH78C	-25	to PH78C-42	No. 2 Showing	(Fig.	5)

These holes were vertical and approximately 15 metres deep; cuttings were collected every 1.5 metres and rough geological logs were prepared from the cuttings. The holes were also logged with a down-hole G.M. probe; the radioactivity was recorded on a chart-recorder. Subsequently, the cuttings were grouped on the basis of radioactivity and sent to Chemex Labs for assay. A 2" x 4" stud, 4 feet high, was marked with a drill-hole number and placed in each hole collar.

The results, both radiometric and analytical, are rather disappointing, the mineralization appears to show little continuity either vertically or horizontally (Appendix 1). The results may be summarized as follows:

1) The best intersections are:

Hole	78A-4	0 -	1.5 m	0.024%	U308
		1.5 -	3.0 m	0.034%	81
		3.0 -	4.5 m	0.033%	1 1

Hole	78A-5	0	-	1.5	m	0.036%	U308
		1.5	-	3.0	m	0.032%	
		3.0	-	4.5	m	0.017%	
		4.5	-	6.0	m	0.020%	
						ŧ	
Hole	78B-19	0	-	1.5	m	0.012%	
		1.5	-	3.0	m	0.057%	
Hole	780-26	0	_	15	m	0 012%	
	100 20	1 5	_			0.0120	
		1.5	-	3.0	m	0.04/%	
		3.0	-	4.5	m	0.049%	
		4.5	-	7.5	m	0.034%	
		7.5	-	9.0	m	0.061%	

Much of the other holes are significantly lower than the above values, generally ranging from below 0.001% to 0.01% U_30_8 .

- 2) The distribution of uranium values appears to be erratic; examination of the drill cuttings show rapid alternation of biotite gneisses and pegmatitic rocks, and strong localization of uranium mineralization within the pegmatite lenses.
- 3) Examination of the pegmatitic rocks indicates that it is the quartz-rich lenses that contain the uranium; cuttings that show no quartz are very seldom radioactive. The distribution of quartz within these pegmatites is erratic and many pegmatites appear to contain little or no free quartz.

-9-

- 4) The pegmatites appear to be flat-lying, generally concordant with the biotite-gneisses and schists. Though some of these outcrop over large areas, they are seldom over 1.5 to 2.0 metres thick, and unfortunately, not close enough to produce extensive thicknesses.
- 5) Radon emanations from these holes vary considerably and do not corelate well with the down-hole logs and drill cuttings. Radon readings with the Scintrex ETR-1 Emanometer gives the following values:

Range	:	1 to 1000 emans
Average	:	99 emans
Standard deviation	1:	<u>+</u> 226 emans

The following holes may be considered anamalous:

No. 1	78A-5	200 emans
Kiwi	78B-8	250 emans
	78B-19	1000 emans
	78B-21	230 emans
	78B-23	180 emans
No. 2	78C-28	900 emans
	78C-29	310 emans
	78C-30	620 emans
	78C-37	150 emans

Of the rest, 29 holes give values below 20 emans and only the above 9 holes exceed 100 emans.

- 6) Most of the holes were dry when first drilled, water generally being encountered in the last 2 to 3 metres. However, most filled up with ground water to within 5 metres from the surface within 48 hours. It is probable that none of the holes reached below the permanent water-table and hence no conclusions can be drawn regarding the presence or absence of a secondarily enriched zone belwo the water-table. The sections drilled through may be leached and the uranium values obtained may represent the remnant uranium only.
- 7) Drilling of the shear zone in No. 2 Showing proved very little uranium; however, again the values obtained may be low due to leaching.

CONCLUSIONS

Results obtained during the course of drilling are very disappointing, emphasizing the generally low values and lenticularity of the uranium mineralization. None of the logged or assayed values approached the high values obtained from outcrop, and seldom reached ore grade.

However, due to the limited extent of the drilling programme both in area and depth, the results must be categorized as insufficient to dismiss the property as a potential ore deposit. The property shows a great deal of promise and further work is considered necessary in order to prove or disprove the existence of an ore body.

Respectfully Submitted

de Quadr ject Geologist

APPENDIX 1

•

.

	•	Υ.	· · ·			
r	ı		CBC JOINT VENTURE			
	0	1 75 1	DRILL RECORD Chinook Const. & Engineering Ltd. Type	REP	CUSS	NOI
Cool	'd. 🔜	1.20N	Hole No.		· PH.	184-1
	7		ngth Project Date Date Date	2 JO 4		4-16
Liev	· ·		VERTICAL Purpose EXPLODATION	by TIEL		UAVE
FOOT	AGE	 ,01p			LCC A	J
NOM	TO	ROCK TYPE	DESCRIPTION	FROM	TO	0.0.4
0,	51	peqmotile				
	10'	peqmatite		0	10'	0.001
	25	pegmatile		<u> </u>		
	<u></u>	pegmatite+60		10	20	0.001
	25	pegmanie + Sc	<u>M(st</u>	-	20	0.001
	25	pequatite		_ _	50	0.001
	40'	Degmatite		30	40	< 0.00
	45	peqmatite				
	_50'	bo-qneiss		40	SO	KQ.00
						
				 		
			NOTES: 1) Holes logged			
			a) radiometric with down hole probe.			
			b) geologically from cuttings	 		
			c) fluorometric assaus from cuttings.			
			2) RADON COUNT FROM HOLE - 5 -MONE	<u> </u>		
			with Scintrex Emanometer.	1		
		·	3) No water			
					•	
					<u> </u>	
		•				

. •

1.

•	1 *				
••		CBC JOINT VENTURE			
Coord Elev Die Size	<u>1.00 N</u> <u>3.00 W</u> Length <u>5140'</u> Azimuth	DRILL RECORD Chinook Const. & Engineering Ltd. Type 50' Project <u>CRAND FORKS PROPERTY</u> Date Location <u>ND. 1 6HOWING</u> Logged	by Mel	<u>USS</u> 18A- Une deQ	10N 2 1978 Vadie
FOOTAGE	ROCK TYPE	DESCRIPTION		ASSA	
0 5	pegmatite		FROM		80,000
15	pegmotite		10	20	(0.001
$\frac{25}{30}$	pegmotite bobite gneiss biolite gneiss		20	30	(0.001
40 45	biotite gness biotite gness		05	40	(00.00)
<u> </u>	biofite gneiss		40	50	(0.001
		NOTES : NO WATER			
		: RADON 4 EMANS	,		·

			-		
			-	****	

-

	•	•						·· 1975 - 1975	
١					CBC JOINT VENTURE	٢			
Coor Elev	d 	27.50 N 3.00 W 3740' 24"	Length Azimuth Dip	DRILL R 50' Vertical	ECORD— Chinook Const. & Enginee: Project <u>QRAND FORKS PRO</u> Location <u>NO 1 SHOWING</u> Purpose <u>EXPLORATION</u>	ring Ltd. Typ Hole Dec 271 Date Logg	De <u>PER</u> No. <u>PH</u> <u>63</u> ged by <u>M</u>	1000000000000000000000000000000000000	101 1-3 1978 29010
FOOT	AGE	ROCK T	(PE		DESCRIPTION		- EPON	ASSAY	N 12 0-
0	5	Peamotit	ج					10-	ANSAR
	10	pegnati	te				0	10	0.001
	20	pegmat	ite				10	20	100-08
	30	biolite gr	eiss	· · · · · · · · · · · · · · · · · · ·			<u> </u>	30	(0.001
	<u> </u>	biotite à	gneiss gneiss	*****			30	40	<u> 20.001</u>
	45 50	biotite	gneiss gneiss				40	50	(0.00)
		· · · · · · · · · · · · · · · · · · ·				******			
				NOTES :	NOWATER				
					RADON - 8 EMANS				
								· · · · · ·	
		· · · · · · · · · · · · · · · · · · ·							
			`					·	
			······		(

			•										
۴					CBC	70 1	NT VE	NTURE		!			
	_				ECOPD Ch	inook (Conct	Produceder	······································	Type	PERC	ussi	DN
Coor	d	07.25 N				THOOK	const. a	Engineering	j Lta.	Hole No.	PHY	8A-	4
<u></u>		3.25W	Length	50'	Project	GRAN	ND FOR	ks prope	274	Date	.630	NE 1	<u>878</u>
Elev.		3130'	Azimuth		Location _	<u>NO</u>	1 5400	PHIN		Logged b	y <u>M.d</u>	e Qu	ADRO
ole'	Size	<u>× 2</u> · ·	Dip	Verical	Purpose _	EXD	LORATIO	N (
FOOT/			PE		•		DESCRIPTIO	DN .			AS	<u>SAY</u>	ano
0	5	Desustit									PROM	-10-5	20208
<u> </u>	-10	pegmarile						· · · · · · · · · · · · · · · · · · ·		•	5	$\frac{2}{10}$	0.034
	15	pegnati		······································			·····				10	15	0.032
	20	neamatil	9					· · ·	*****		15	20	0.003
	25	Deamotit	~										
	30	peqnotit	te								20	30	0-002
	35	biotitean	2219	wet					•				
	40	biotilear	neiss	wet							30	40	0.003
	45	biotite a	neiss	wet				· · · · · · · · · · · · · · · · · · ·					
	_50	blotite a	neiss	wet							40	50	0.003
			J		•			······		.			
					<u> </u>				·····				
	<u></u>			NOTES .	WATED	A 77	301		•				
					MAIES	<u> </u>							
					RADON	<u></u>	12 EI	MANS					
									<u> </u>			<u> </u>	
							-					<u>.</u>	
								· · · · · · · · · · · · · · · · · · ·					
										•			
								·····					
										· · · · · · · · · · · · · · · · · · ·			
		<u> </u>										•	
								· · · · · · · · · · · · · · · · · · ·					
		-	ŧ						· · · · · · · · · · · · · · · · · · ·		·		
		· · · · · ·							, 				
							· <u></u>			······		•	

.....

٠

•			CBC JOINT VENTURE			
			DPUL RECORD Chinock Const & Engineering Itd Type	PERC	iussi	NO
Cool	rd,	27.50N	Hole No.	PHM	8A-	5
		3.2SIN Length	50' Project CIRAND FORKS PRODERTY Date	620	NE I	978
Elev	•	<u>37301</u> Azimuth	Location NO 1 SHOWING Logged b	y <u>M.</u>	te Q.	sogic
ole.	Size -	<u>2</u> +" Dip	Vertical Purpose EXPLORATION			
F001	AGE	ROCK TYPE	DESCRIPTION	<u> </u>	SSAY	
MOM	TO			FROM	<u></u>	900308
0	5	pogmatite		0	5	0.036
	10	pegmatite		5	10	0.032
	15	pegnatile		10		0.017
	20	pegmotile + gnelss	Text	15	20	0.030
		Diotite gheiss	wet t			0.005
	25	Diotile gneiss				0.005
	<u> </u>	biolite gnews	wei	20	- 40	0.003
	40	biolite queiss				0.000
	- 45	blotite aners		40		0.002
						
			NOTES : WATER AT 15'			
			· · ·			
			RADON 200 EMANS - ANOMALOUS	·		
					· · · · · · · · · · · · · · · · · · ·	
		,				
				-		ļ
			· · · · · · · · · · · · · · · · · · ·		•	
				 		
		ļ				
		·		 		
• • • • • • • • • • • • • • • • • • •		· · · · · · · · · · · · · · · · · · ·		 	*	
	L I	R		<u>ا </u>		A

. . . L

•

	•	. 1										
•					CBC to	UNT VENT	UPE		٠			
Coo	rd	N 00.79		DRILL R	ECORD- Chi	nook Const.	& Engineering	Ltd. T	ype	KRC PH 7	USSI	DNG
Elev	/?	<u>3.00 M</u>	Length Azimuth		Project <u>9</u> Location <u>N</u>	RAND FORM	KS PROPERT	<u> </u>	ite` gged by	50 M.c	NE 1 IcQu	978 adro
ble	. Size .	5 <i>Ť</i> "	Dip	Vertical	Purpose	XPLORATIC	90					
FOO ROM	TAGE TO	ROCK T	YPE		•	DESCRIP	TION .			A FROM	TO	XU3Qe
0	5	biolitz g	N= (35_									
	10	blotite c	zne iss		·····	·····	·			0	10	<u> KO.00</u> 1
	15	pegmotite	<u>}</u>		<u> </u>		, 			10	15	0.003
	25	biotile o	neiss	·						15	25	0.002
	30	DIOTIVE O	gneiss							25		0 0
	35	<u>Diotite</u>	<u>zheiss</u>					.				0.005
	40	biotik	<u>yneiss</u>				······································					
	50	blotite	ghe 133		······································					35	50	<u> </u>
*						<u></u>						
,								· · · · · · · · · · · · · · · · · · ·				
				NOTES :	NO WATE	R		······································				
					RADON	6 EMA	NS					
										·		
						<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>						
								• • • • • • • • • • • • • • • • • • •				
							······································		· · · · · · · · · · · · · · · · · · ·		······	
					- <u> </u>							
												ļ
											•	
		· · ·								-		
			•	· · · · · · · · · · · · · · · · · · ·				·····				
		1		ter and termination of the second	r aðer ≟ Auters i skiller	a kana ang ang ang ang ang ang ang ang ang	na na sana ang ang ang ang ang ang ang ang ang	· · · · ·				

•	-			× .	. •
,		CBC JOINT VENTURE			
Coord Elev ile_ Size	34.25 N 8.50W Length 3680' Azimut	DRILL RECORD— Chinook Const. & Engineering Ltd. Type <u>TO</u> Project <u>GRAND FORKS PROPERTY</u> Date th Location <u>KIWI SHOWING</u> Logged by <u>Verticol</u> Purpose <u>EXPLORATION</u>	PERC PH7 7 JU M.D	2055 80- 1000 1000 1000	<u>101</u> 7 978 40805
FOOTAGE	ROCK TYPE	DESCRIPTION			
	5 may lite		FROM	<u></u>	0.004
	0 pegmantile	· · · · · · · · · · · · · · · · · · ·			0.004
1	5 Deamatite		5	15	(0.001
2	0 pegmatite	·			
2	S pegmatile+queis	s	15	25	0.005
	Diotite queras			26	
	biolite quales			22	(0.00)
	5 biotite queiss	· · · · · · · · · · · · · · · · · · ·	35	45	10001
S	0 biotite gneiss		45	50	0.011
S	<u>s biotite queess</u>				
6	0 biotite gnels		50	60	<u>{0.00 </u>
0 7	DIONIE quelle	<u>het</u>	60		(0.00
	U OIGHA GIRDS				
			~		
		· · · · · · · · · · · · · · · · · · ·			
		NOTES : WATER AT GO'			
		RAUON DEMANS		• • • • • • • • • • • • • •	
		-			
				•	
				*	

			···				•
٠		C	BC JOINT VENTURE	8			
Coord Elev	<u>34.25 N</u> <u>8.75 W</u> Length <u>3690'</u> Azimut 24" Din	DRILL R	ECORD Chinook Const. & Engineering Ltd. Project <u>QRAND FORKS PROPERTY</u> Location <u>KIWI SHOWING</u> Purpose EXPLORATION	Type Hole No. Date Logged t	PERC PHT TJU W M.	USSI 18 B- INE I LEQU	ON 8 978 Jadros
FOOTAGE OM TO 0 5	ROCK TYPE		DESCRIPTION		A FROM O	SSAY TO 5	9.U308 K0.001
10 15 20	pegmatil e pegmatil e pegmatile+querss?				5 10	<u> 10</u> <u> 15</u>	0.010 0.010
25 30 35	pegmatile pegmatile pegmatile	· · ·		•	15 25	 	0.004 0.006
40 45 50	pegmatite pegmatite pegmatite				35	45	0.004
<u>55</u> 60	pegmatite + gnelss pegmatite + gnelss pegmatite + gnelss				45	55	<u>7 00·0</u>
סל	pegmatite +gneiss	\$				0	0.005
		NOTES :	NO WATER				
			RADON 250 EMANS	·····			
	· · · · · · · · · · · · · · · · · · ·						
					•		

								. •
	•	x) .	
X				c	BC JOINT VENTURE			
		·			FCORD Chinook Const & Engineering Itd Type	EQC	USSI	0 N
Coo	rd	34.50 N			Hole No.	БИЛ	88-	9
	r	8.75W	Length	60'	Project <u>QRAND FORKS PROPERTY</u> Date <u>1</u>	201	IE Id.	35
Elev	·	2620	Azimuth	CDTICAL	Location KINI SHOWING Logged by	<u>ni.de</u>	1400	2010
200. 216	Size .		<u>_</u>	EKILAL				
IOM	TO	ROCK TY	PE		DESCRIPTION	ROM	TO	
0	5	Overbuide	w					
	10	biolite gr	eiss					
	15	blotite gi	RISS					
	20	blotte g	HRISS					
	30	biotite d	ME 133					
	35	biotile a	weiss					
	40	biotite à	heiss					
	45	blotik a	heiss					
	50	blotite	<u>jveiss</u>					
	- 55	biotile	greiss_		· · · · · · · · · · · · · · · · · · ·			
	60	Diotile 9	fuerss		······			
				NOTES :	NO WATER			
					RADON BEMANS			
								. <u>.</u>
				-	RADIOMETRIC LOCICING FLAT - NO ASSAYS			
	<u> </u>							
	 			-				
		· · · · · ·						
			······	-				
		-						
	+	-		-1				1

. •

•

	•	x		•				
`				· c				
					BC JOINT VENTURE	Depe		
Coor	d	34.75 N		DRILL F	RECORD-Chinook Const. & Engineering Ltd. Hole No	PHT	18 B -	<u>01</u>
		4.00 W	Length _	50'	Project QRAND FORKS PROPERT Date	820	NE I	978
Elev.	·	3700'	Azimuth		Location KIWI SHOWING Logged	by <u>M. 2</u>	e Que	adios
ole.	Size _	22"	_Dip	<u>lositra</u>	Purpose <u>Exploration</u>			
FOOT	TO	ROCK TY	PE		DESCRIPTION	EPOM		T
0	5	Deamatite				- FROM		
	10	biotilz and	2(53					
	15	biotite an	elss					
	<u> 20</u>	biotile gn	erss					
	25	biotite gy	ne iss			_{	·	
	20	biotite gr						
	40	biolite a	heise					
	45	biotite a	neiss					
	50	biotite a	veiss_					
	-\$\$5	pagmotite	?					
	60	biotil= gu	neiss					
	65	biotile g	ners		· · · · · · · · · · · · · · · · · · ·	-		
			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		-		
				NOTES	NO WATEP			
						-		
					: RADON 20 EMANS			
				·····	: RADIOMETRIC LOG FLAT ~ NO ASSAYS.			
						-		
		· · · · · · · · · · · · · · · · · · ·						
						-		
			·				•	
						•		
		·						
		·	-		······································			
	1					1		1

•	X (1)	,			· ·			<u>ب</u>	
v		(BC :	JOINT VE	NTURE		1			
Coord	35.25 N	DRILL RECORD-	Chinook Con	st. & Eng	gineering Ltd.	Type Hole No.	PER	<u>188-</u>	101
	8.75W Length	<u>50'</u> Project	QRAND	FORKS	PROPERTY	Date	831	JNEI	BLE
Elev.	3680' Azimuti	Locatio	n KIWI SH	BNIWO		Logged h	M VI	4.0.	odio
ole Size		extical Purpos	EXPLOR	ATION			· · · · · · · · · · · · · · · · · · ·	3C	
FOOTAGE			•					-	
OT MOS	ROCK TYPE	· · · · · · · · · · · · · · · · · · ·		DESCRIPTION	•		FROM	TO	<u> </u>
0	5 brotite queess								
) biotile queise								
15	pegnatite			· · · · · · · · · · · · · · · · · · ·					
2	eeron philoid C								
2	5 biotita queiss				,				
<u> </u>	O biotile queiss			······					
3	5 biotile quiss								
4	O pequatite								
4	5 biofile guerss				· · · · · · · · · · · · · · · · · · ·				
5	o biotite queiss								
<u> </u>	5 pegnatile		•						
6	0								
		10 7 60 10	<u></u>		43				
		NOIES : NO WA	TER			· · · · · · · · · · · · · · · · · · ·			
									<u></u>
		: KADON	46	MANS					
		: RADION	IETRIC LOG	FLAT	NO ASSAYS	•			<u></u>
								ļ !	
						······			
				······································					·
							<u>'</u>		
			· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		·································	
			•		······································			·	
					<u></u>	and the second			<u> </u>
	- · · · ·						<u> </u>		
			<u> </u>						
							1		

DRILL RECORD	ype Parise No.947 te gged by 1	RC 8P	220	100
	te <u>9</u> gged by 1	701	7-1-4	
<u>9.25 W</u> Length <u>50</u> Project <u>QRAND FORKS PROPERTY</u> Da	gged by N	221	16 15	<u>8 - 8</u>
Elev. <u>3690'</u> Azimuth, <u>-</u> Location <u>KIWI SHOWING</u> Lo		<u>1.9</u>	<u>-Q;</u>	socke
Die Size 21' Dip Vertical Purpose ExploRATION				
FOOTAGE DESCRIPTION		1	ASSA'	۲.
OM TO ROCK TYPE	FF	NON	TO	9U.Or
0 5 Degnotite				
10 Degmotite		0	10	0.003
15 Degmatile				
20 biotite queiss		10	20	0.006
25 biotile quees				
30 pequalite + queiss?		20	30	0.002
35 biofilz queiss				
40 biofile queiss				
45 biotite quoiss				
50 biolite queiss				
		<u> </u>		
NOTES : WATER AT 30'			,,	
: RADON GEMANS				
				<u> </u>
			·····	
				·
			•	
	a vite		-	
		·		
			•	

.

	•	анан сайтанан сайтан Жала сайтанан сайтана Сайтанан сайтанан сайт								A .	
•				(THIOT 399	KENTURE		ł			
	•			DRILL	RECORD- Chine	ook Const. &	Engineering Ltd	Type	RERCI	JSSI	NO
Cool	d	SQ.DON		50'		DAND FOOL		Hole No.	PH Y	18 B -	13
		37901	Length		Project	KAND FORKS	PROPERTY	Date	27	UNEI	1918
Liev De	 Sizo	<u> </u>	Azimuti Din	Vertical	Location	X DI OPATIO	NG	Logged b	y_ <u>"\</u> <	re yo	adio
FOOT	AGE	<u>s</u> _			ruipose <u> </u>				Δ<	SANS	
OM	TO	ROCK	ТҮРЕ]		DESCRIPTIO	N Y		FROM	TO	% V2Q
Ō	5	biohile a	heiss								
	10		•				*****		0	10	0.001
	15	44	•			** ****					
	20	•	•								
	- 20	4	······					·			
	25	•	<u> </u>	-							
· · · · · ·	40	•	•	-				•			
•	45	•	A - ¹				· · · · · · · · · · · · · · · · · · ·				
	50	•	4							A	
					•		***	·····			
						- A aaaaaa ahaa ahaa ahaa ahaa ahaa ahaa a		•			
							· · · · · · · · · · · · · · · · · · ·				
				NOIDS	STAW ON :	K.					
				-	· DADON	IDCMA	19		7		
	· ····································				, KHOON	186.14	ND				
				-	· PADIOMET	RIC LOG FL	AT	•			
			<u> </u>								
								•			
							······				
					<u></u>			۱ 			
										ļ	·
								· · ·	·		
					<u> </u>					•	
								an faith an	· · · · · ·		
			•		•						
											. <u></u>
	1	0		I and the	ware some grannen til en en en en er	الحاص والعداد ومالحط مارا مور	 Comparison of the second s	 A state of the state of the state 	i	1.	1

			~	CBC JOINT VENTURE			
Coo	rd	33.80 N	DRIL	LL RECORD Chinook Const. & Engineering Ltd. Type Hole No.	PER	<u>CU331</u> 188-	10N
		<u>10.50W</u>	Length	Project <u>GRAND FORKS PROPERTY</u> Date	<u> </u>	<u> Энс і</u>	978
Elev	'. <u> </u>	3830	Azimuth	Location KIWI SHOWING Logged	by A	deQ.	vadie
ole	Size .	<u> 2ť.</u>	Dip Vertical	Purpose ENDLORATION			
FOOT	AGE	DOOK TYPE		DESCRIPTION	A	SSAYS	
NOM	TO	ROCK TTPE		DESCRIPTION	FROM	то	7.0.0.
0	5	biotile queis	53				
	10	ч ^у ч					
	15	- tı - w					
	20	11 11	i				
	25	4 H			15	25	100.0
	<u> </u>	u tr		·	_		
	_35	t, t,			_		
	40	1, 4					
	<u>45</u>	1 1 <i>I</i> 1	<u></u>		_		
	50	4 4					
			NOTES	S: NO WATER	-	+	·
				RADON NO READING			
				: MADIOMETRIC LOG FLAT - N			
						+	
				· · · · · · · · · · · · · · · · · · ·			+
					-	-	
				,			
						•	
		·			<u></u>		
			•				
							.
							. {
	1	5	1		1	1 ^r	1

.

		`						
`				CBC JOINT VENTURE	1			
Coo	rd	<u>84.25 n</u> 10.50 w	l ength	DRILL RECORD Chinook Const. & Engineering Ltd.	Type Hole No. Date	PH. PH.	<u>2055</u> 18 B.	HON - 15
Elev	 Size	<u>3800'</u>	Azimuth Dip	Location KINI SHOWING Vertical Purpose Exploration	Logged b	y <u>M.</u>	t Q	JADR
FOOT	TAGE	ROCK TY	эЕ	DESCRIPTION		A S	5 5 4 1 5 TO	JU308
0	5	biotile guers	·3	· · · · · · · · · · · · · · · · · · ·				
	15					0	15	100.0
	25	4 4 4 4	pagmatite					
	30	11 4 4	pegmatite?					
	<u>- 35</u> 40	<u>4</u> 4 4 4						
	45	by tu						
		10 10						
				NOTES: NO WATER				
				: RADON 4 EMANS	·			
				1 DADIDUEDOUS LOC FLAT				
				: RADIOMETRIC LOY FLAT				
								·
					· · · · · · · · · · · · · · · · · · ·			
		· · · · · ·			· · · · ·			
							•	
		· · ·						
	ļ							
	_		<u></u>		· · ·			

•								
					CBC JOINT VENTURE			
Coor	4 S	SA.SON		DRILL RE	CORD-Chinook Const. & Engineering Ltd. Type	PER	<u>2055</u> 18 A-	hoi
		10.25W	Length	50'	Project GRAND FORKS PROPERTY Date	93	UNE I	.978
Elev	·	3790'	Azimuth		Location KIWI SHOWING Logged b	y M	dé Qu	sodia.
le.	Size _	22"	Dip	Verticol	Purpose <u>Crploration</u>	,		
FOOT	AGE	DOCK	TYPE	[DESCRIPTION			
ом	TO	RUCK			DESCRIPTION	FROM	то	
_0	5	biotila	queiss					
	10	<u> </u>	11					
	15	tı	11	·····	·			
	20	11		·			ļ	
	- 25	4	ft	·				
	20		•					
	<u> </u>		<u> </u>					
	40			· · ·				
	42							
					· · · · · · · · · · · · · · · · · · ·			
			*** <u>**********************************</u>					
				NOTES :	NOWATER			
				•	RADON 2EMANS		•	
						1.		
					RADIOMETRIC LOG FLAT - NO ASSAYS			
					•		·	
			<u></u>				·	
						.		
			······					
						· ·		
		· · ·					 	
	·	H	·					
					na na serie de la companya de la com No ferencia de la companya de la comp			

`					CBC JOINT VENTURE		
Cool	d s	34.75 N		DRILL RE	CORD-Chinook Const. & Engineering Ltd. Type PERC	<u>.USS</u> 18 B-	<u>101</u>
	u	8.00 W	Length	50'	Project QRAND FORKS PROPERTY Date 123	ONE	1978
Flev		3700'	Azimuth		Location KIWI SHOWING Logged by M.	1. Q.	odios
le	· Size	21.1	Din	Verticol	Purpose Ex PLORATION		
FOOT	AGE					VA224	<
ом	TO	ROCK TYP	Ϋ́Ε		DESCRIPTION	TO	Y. Us Or
n	5	Desmatite			0	5	0.002
	10	pegnatia					4.000
	15	pequatile	5		S	15	0.002
	20	pegnant					0.000
	25	peginant	<u> </u>		15	25	0.002
	30	nognati	Fe		······································	X	
	25	highlean					
	40	biste que	-:				
	45	biothe an					
	50	biotite a	ne (33				
				NOTES :	NO WATER		
					•		
				•	RADON 44 EMANS		
	1				/		
					RADIOMETRIC LOG MOSTLY FLAT		
						<u> </u>	
,		· ·					
						•	
	1						
		•					
					· · · · · · · · · · · · · · · · · · ·		
	1	8		1		1-	1

	•	Ч)	•
					6 PC	W TALOT		E.	1			
						55(11) 1	CIAIDC		TUDA	REPO	'USS 1	04
Coo	d	<u>35.00n</u>		DRILL RI	ECORD— Ch	inook Const.	& Engir	neering Ltd.	Hole No.	PH	188-	18
		<u>9.00W</u>	Length	<u> </u>	Project	GRAND F	ORKS	PROJECT	Date	152	UNE!	878
Elev	•	3690'	Azimuth	1 <u></u>	Location _	KIWI SHO	BNIME	······································	Logged b	<u>y M.</u>	<u>deQ</u>	<u>odio</u>
ole.	Size .	<u> </u>	_Dip	Vertical	Purpose	EXPLORA	HOIT .				·····	
F001	AGE	ROCK TY	PE		• •	DESC	RIPTION		,	50014	TO	
0	5	biotil= an	2619				ومواعدهم والمراجع المتعادم والمراجع			FROM	10	
<u>~</u>	10	11	11									
	IS	tj	11									
	20	*1	11									
	25		••									
	30	••	,,									
	35	19	11									
	40		<u>+ </u>			<u></u>	<u>, </u>	······································				
	43		<u>''</u>									
		· · · · · · · · · · · · · · · · · · ·	<u>''</u>									- <u></u>
							<u> </u>					
		·			·····	·····		· · · · · · · · · · · · · · · · · · ·				
				NOTES :	NO WAT	ER		, ,				
		······					·····					
				·	RADON	4 EM	ANS		·····			
					0.1.0							
				·	KADIOME	TRIC LOG	FLAI -	- no assay	6			
					<u> </u>		<u></u>	······	,			
								······································				· · ·
							~					
		·							مراجع المراجع ا		•	
			· · · · ·						and the second			
					<u> </u>		<u></u>					
		•			•							
				i i i i i i i i i i i i i i i i i i i	all and a second second			- Alexandre - A	· · ·			

• '

. •

		X e	·			1.	. •
				CRC TOINT VENTIDE			
					Depr	115510	
Coo	rd	34.62N	-	DRILL RECORD Chinook Const. & Engineering Ltd. Hole No.	PH	188-	19
		9.75K	Length	50' Project QRAND FORKS PROPERTY Date	127	UNE	1978
Elev	/	<u>3700' ·</u>	_ Azimu	Location KIWI SHOWING Logged b	y M.	diq	Jadr
ble	<u>.</u> Size .	<u>77.</u>	<u>_</u> Dip	Vertical Purpose <u>EXPLORATION</u>			
FOO	TAGE TO	ROCH	К ТҮРЕ	DESCRIPTION	EROM	SSAY	5
0	S	Dinkish	quartz		O	5	0.012
	10	biotila	queiss		5	10	0.057
	15	4			10	15	0.001
	20	11					
 	25	1/					
<u></u>	- 30						
	- 35	<u> </u>	<u> </u>				
	40		" + pegni				
	50	11	"				
				NOTES : NO WATER			
				RADON TOUDEMAND - MICHEST VALUE	1.		
			· · · · · · · · · · · · · · · · · · ·	: RADIOMETRICIOS ELAT BELOW IS			
				•			
				· · · · · · · · · · · · · · · · · · ·			
			. <u></u>				
<u> </u>				· · · · ·		•	
					•		
					·		
		1					
						•	

		· • •.				ノ.	•
Coo Elev ole	rd	24.251 8.251 3680' 24"	<u>J</u> Length Azimuth	<u>CBC JOINT VENTURE</u> DRILL RECORD— Chinook Const. & Engineering Ltd. Type Hole No. <u>SO'</u> Project <u>CRAND FORKS PROPERTY</u> Date Location <u>KIWI SHOWING</u> Logged b	Per 78 13] M.C	CUSS B- 20 UNE 1	101 0 978 978
FOOT ROM	AGE TO S	RC	CK TYPE	DESCRIPTION	FROM	TO	
	10 15 25	11 11 11 11					
	30 35 40	" biolite "	gneiss 11				
			ч 				
				NOTES: NO WATER ; RADON 3 EMANS			
				: RADIOMETRIC LOG FLAT - NO AESAYS			
							· ·
						•	
		1	· · · · ·				

							•		
	, * • •	1				ノ			
•	,			CBC JOINT VENTURE					
	rd	34.12N 9.35W 3680'	_ Length	DRILL RECORD Chinook Const. & Engineering Ltd. Type 50 Project <u>GRAND FORKS PROPERTY</u> Date	Type <u>AERCUSSIO</u> Hole No. <u>MT8 B - 21</u> Date <u>13 JUNE 1</u>				
le	Size	21."	Dip	Vertical Purpose EXPLORATION	by <u></u>		adia		
F001	AGE	ROC		DESCRIPTION	ŧ	155-44			
OM	TO				FROM	TO	20,0		
0	5	biolite	queiss	with minor pegmantes?	0	5	0.007		
	15	4							
	20	11			-				
	25	11	tı .	10					
	30	11	11	1					
	35	11	te -			 			
	40	••	*1	•]					
	<u>45</u>	*,	It						
	- 30								
			<u> </u>						
				NOTES : NO WATER -					
		·	, 						
				RADON 230 EMANS - ANOMALOUS		<u> </u>			
				DADIDUCIDIE LOC DIAT					
				EPDIOMETRIC LOU FLAT					
				·					
							·		
			, 						
		<u> </u>					[
		∦				·			
			•						
			•						
		N I			1	1-			

ر • • ر

-														
•			_		્ર	BE Je	JINT VE	NTUR	25		+			
•		2400 N		DRILL RECOR	D-Ch	inook Co	onst. & E	nginee	ering Lto	d.	Туре	PER	<u>cuss</u>	ION
C00	ra	8.2541	Longth 5		roject (CIDAND	EARV		DCDT	2	Hole No.	<u>- 44 -</u>	18 8-	22
Flas	·····	3660'	Azimuth	- I	noject	VILLE	SUDININ		OVERI			<u>155</u>	UNC.	1416
ble	Size	211	Dip Ver	tical p	urpose	Explo	RATIO	1			roßßen r			DOCIO
F00	TAGE	ROCK TYP	F		•		DESCRIPTION	-	•	·····		4	4AZZA	S
MON	TO						DESCRIPTION		•			FROM	то	×1308
0_	5	pegmatile	· · · · · · · · · · · · · · · · · · ·									0	5	0.010
	- 10	pegnatile								·····				
	13	-beguarle		· · · · · · · · · · · · · · · · · · ·										
. <u></u> .	20	pegnank		· · ··································								0	-20	0.00
	30	biobile que			¥-18-11-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1							20		0.00
	35	pramahila							· ·		·	20	35	D.003
	40	bioble an	e is 5		· · · · · · · · · · · · · · · · · · ·		······							<u>v v v</u>
	45	biotite qu	e(3)											
	50	biotite qu	neiss					ι.						
				· · · · · · · · · · · · · · · · · · ·	•									
									<u></u>	-				
											·			
				NES: NO	WAIE	:R								
				: RA	DON		MEMA	NS						
				: PAS	DIOME	TRIC L	αq	<u> 3710</u>	FLAT					
							1			•••••				
	Į													s .
						<u></u>		·····			·····			··
·									,					
		· · · · · · · · · · · · · · · · · · ·			<u> </u>						•			
				<u></u>			<u></u>	<u> </u>					•	
							4				iya ^{aran}	-		
	1	•												
					•			•						
										and the second secon				
	1	1 ·		•							· ,	I	•	1

	•	с. Х) .	
					CBC	JOIM	VENTURE	-	1	л С		
Coor	d	34.00 N			ECORD- Ch:	Lnook Co	onst. & Engine	ering Ltd.	Type Hole No.	Perc. DH	<u>188</u>	-23
		8.05W	Length .	50	Project	GRAN	DFORKS DR	OPERTI	Date	Jun	<u>e 13</u>	1978
Elev.	Size	3660	Azimuth Din	Vertial	Location _ Purpose	EXPL	SHOW ING		Logged b	y <u>M-d</u>	le la vi	odio
FOOTA	GE	ROCK TYP	PE				DESCRIPTION			4	SSA	٩
MOF	<u>5</u>	mai 1:15			<u></u>					FROM	ŢO	of Box
	10	panatile								5	10	0.003
	IS	beamatile	F	· · · · · · · · · · · · · · · · · · ·								
	20	pegmotile	z									
	25	biotikgy	ids s	wet							<u></u>	
	35											
	40	no cuttin	195	11	<u></u>							
	45	<u>51 6</u>		•1								
	_50			•1								
					•		· · · · · · · · · · · · · · · · · · ·					
								<u></u>				
				NOTES	: WATE	R AT	20 teet	-				
									,			
	·				0100							
					RAUE		TOU EMANS	- ANOMAL	003			
					: RADION	METRIC	LOG FLAT				· · ·	
							1					
								······································				
									· · · · · · · · · · · · · · · · · · ·			
					······································				· · · · · · · · · · · · · · · · · · ·			
											•	
									·	·		
									•	·	. · ·	
								· · · · · · · · · · · · · · · · · · ·				
									·		·	
		البيبية أأثار بموتينيا الأشاف بمهيد ومعتقد فتستعصص						يغبه فالحادي المرج				4

•)	•
•						
			CBC JOINT VENTURE	~ .		
			DRILL RECORD- Chinook Const. & Engineering Ltd. Type	Parc	ussic	<u>on</u>
Coord			Hole No.	-50	<u> 18 B:</u>	24
	2650	Length	Project <u>QRAND FORES PROPERT</u> Date	<u>107</u>	nue l'	318
Liev.	24"	Azimutr	Location <u>Close Browing</u> Logged D	à <u>ctra</u>	de y	20010
FOOTAGE		 	Vertical Purpose <u>expectation</u>			
DM TO	- ROCK TYP	E	DESCRIPTION	FROM	то	
0 5	pagmatile					
10	pognotile					l
	queiss					
20	2 1					
2	<u> </u>					
30	<u> </u>			;		<u> </u>
		• •			j	
S						
	1		· · · · · · · · · · · · · · · · · · ·			
			•			
			NOTES : NO WATER			
				,]		
	-		: RADON GEMANS	·,		
	-		RADIOMETRIC LOG FLAT - NO HSSA 13			
		<u> </u>				
			· · · · · · · · · · · · · · · · · · ·			
						•
					i	
		- <u></u>			<u> </u>	
		· · · · · · · · · · · · · · · · · · ·				
	1				· -	1

· ·]

	•				1	
•			1			
Coord Elev.	d Size	$\frac{3.25 \text{ N}}{1.56\text{ E}}$ Length $\frac{3835'}{2!}$ Dip	DRILL RECORD Chinook Const. & Engineering Ltd. Type 50' Project <u>GRAND FORKS PROPERTY</u> Date h Location <u>KAMAR NO. 2 SHOWING</u> Logged to <u>VERTICAL</u> Purpose <u>EXPLORATION</u>	Perce PH 203 Md	$\frac{185}{180}$	01 25 1978 201105
FOOT	AGE TO	ROCK TYPE	DESCRIPTION	FROM	SSA' TO	U = Q = %
0	51 10	pagmatite		0	5	0.013
	15 20 25	pequalite Biofile queiss		5	15	0.004
	30	11 11 11 11				
	40	<u> </u>				
	50	<u> </u>			······	
			NOTES: NO WATER	·		
			RADON REMANS			
			RADIOMETRIC LOG MINOR PEAK 0-5'.			
						·
				-	•	

	•						1 .	
•		· · ·						
Coo 	rd	3.25N 1.25E 38201	Length Azimuth	DRILL RE	CORD Chinook Const. & Engineering Ltd.TypeProject <u>QRAND PORKS PROJECT</u> DateLocation NO. 2 SHOWINGLogged b	» M9 5121 DH DH	185- 185- 2NC	26
<u>ole</u>	Size	22"	Dip	VERTICAL	Purpose EXPLORATION			
F001	TO	ROCK TYP	Ξ		DESCRIPTION	A	SSA1	N-D-V
0	5	Degmatite		1			5	0.012
	10	11				5	0	0.047
	١S	<u> </u>				10	15	0.049
		Y						
	_25	<u> </u>						
	20	<u> </u>	•				- 26	0.034
	40	1				25	 	0.054
	45	biolitean	eiss	1				4.001
	50)					
								ļ
				NOTE	NOULATO			
				NULES	NU WATER			
					RADON. 3 EMANS			
						/		
					RADIOMETRIC LOG INDICATES GRADES			
					ANGRAGE DE DIOG / EROM 0-401			
					Alechde of 0.00 p result 0-401			
			<u></u>					
		•						
			•					
						1 1	•	ł

1 .

	•									2	
•						•					
-		23.50N		DRILL	RECORD- Chinook	Const. & Engine	ering Ltd.	Туре	Perc	ussi	<u>on</u>
Coo	rd	1.505	Length	50	Project ODANT	EDPKE PE	OPLAN	Hole No.	HY DIT	18C-	27
Flov		3840'	Azimuth		Location NO 2	SHOWING			Mal	d-C	1716
ole	Size	211	Dip	ertical	Purpose EXPI	LORATION	,	Logged D			<u>, oun</u>
FOOT	AGE	BOCK TY	DE			DESCRIPTION	· · · · · · · · · · · · · · · · · · ·				
MON	TO					DESCRIPTION			FROM	то	
0	_5	pogmaht	<u>گر</u>								
	-10	pegnap	le l								
	13	pegnat	ILE CO				·				
	25	tegmanie (gneiss								
		II J	h	-		·····					
	35	11	1)	······································							
-	40	11	1)		· · · · · · · · · · · · · · · · · · ·						
	<u>45</u>	<u> </u>	<u>))</u>								
	_50	<u> </u>	<u>)</u>								
				NOTEC			1				
				nores	: NO WATER	·	•				
					DADON	30 64	* 2/4 &				
						<u> </u>		· · · · · · · · · · · · · · · · · · ·			
					RADIO MET	PIC 106	PLAT				
								····		·	
							· · · · · · · · · · · · · · · · · · ·				
								•			· .
					<u></u>		<u></u>				
							<u></u>	······································			
		· · · · · · · · · · · · · · · · · · ·								•	
						······································	·		<u> </u>		
				······································							
		•			i		······································				
								·····			
	1				1 C					1.	1

1

	-			•			
	•	and the second sec				;	
						1	
•							
				1			
					0		
				COPD Chinack Const. C. Engineering It. J. Type	HER	122VS	ON
Caa	rd	-		Hole No.	DUT	80-7	8
000	ru		501	Desires ODAND PODUS DOODON Date	2130	NC IS	<u>היי</u>
				Project demine FORCE TRUTCET Date	<u>a 130</u>		<u> </u>
Elev	•	<u>3820'</u> Azimutl	h	Location NO 2 SHOWING Logged b	y <u>Fla</u>	ely'	Japac
ole	Size	スモリ Din	VERTICAL	Purpose EXPLORATION			
			1				
1001	AGE	ROCK TYPE		DESCRIPTION			
ROM	TO		Į		FROM	<u></u>	and the second se
0	5	Deamatile		•		[
	10	22:0401 = 1:1-0.0				10	0.004
		begwarte greas					<u>v.v.d</u>
	<u> IS</u>	<u> </u>					
	20	biotile gness					
	25	i. U	1				
		<u>1</u>	•				
		<u> </u>	<u>_</u>				
	35	<u> </u>					
	40	Deamatile/queiss				(
	05	transhe					
		pagina (: 1-	•		+		
		pegmanie					
			NOTES:	WATER AT 40'			
		,		2400N 900 ENANS - ANOMALOUS			
			1				
				RADIO METRIC LOG PLAT.			
				3		4	
			-				
	{						
			-				· · ·
		1 					
						•	
]				
		· · · · · · · · · · · · · · · · · · ·					
		 			i		
		· .					-
_							
1	1		l			•	l

•				• •		۰	ar i	
•				• · · · · ·				
Coord		DRILL R	ECORD- Chinook C	onst. & Engineerin	g Ltd. Type Hole No	PER	<u>2055</u> 20-2	101
	L	ength50'	Project QRAND	FORKS PROPER	TY Date	512	ONEI	918
Elev.	58251 A	zimuth	Location NO 2	SHOWING	Logged	by <u>MJ</u>	eQ34	28,05
ole Size	2t" 0	Dip VERTICAL	Purpose <u>EXPU</u>	ORATION				
FOOTAGE						As	SANS	
ROM TO	ROCK TYPE			DESCRIPTION		FROM	TO	V2Qe .
0 5	Deamatile					0	5	0.003
10						S		0.001
IS		much our	212			10	<u> 15</u>	KQ.001
20	1)	4 1	· · · · · · · · · · · · · · · · · · ·			15	20	(0.00
25	11			· .		20	<u></u> 2S	0.003
30	11					25	30	0010
35	11				·	30	35	0.012
40	N1					25	40	0.003
45	<u> </u>							
50								
	N							
		NOTCS	VD WATCO	, , , , , , , , , , , , , , , , , , ,	۵٬۰۰۰ ۲۰۰۰ پالا ۵٬۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰			
					n en			
			RADON	310 GMANS	ANOMALOUS			
						·		
			RADIOMETRIC	LOG LOOKS	INTERESTING	_		
					• •			
						_		
					·			
							·	·
						_		
						_	·	
	H							
	· · · · ·							
	I							
	Į			۵۰،۵۵۰ «میرانی میرود در است انتخاب این این با است این با است انتخاب این با این می می این با می ورد. ا				
		• •						

							·····	,	-		-
0	, 2	2.50 1		DRILL RI	ECORD- Chinook	Const. & En	gineering	Ltd. Typ	e <u>Re</u>	CUESI	01
Cool	rd2	1.75E	Length	50'	Project SRAN	D PORKS	PROPER	Hole Date	21 2	VNC	1978
Elev		38001	Azimuth		Location NO	2 SHOWI	NG	LOPP	ed by M	deDo	adies
ole	Size _	241	Dip	FRICAL	Purpose C XD	LORATION	2				
FOOT	AGE										
MOM	TO	ROCK TYPE				DESCRIPTION			FROM	TO	
0	5	peqmahle									
	10	· J "									
	١S	<u> </u>									
	20	11									
	25	······································		·····				·····			
	_30	<u> </u>									
	<u> </u>	<u> </u>									
	_40	<u> </u>					<u></u>				
<u></u>	<u>4</u> S	11									
	50	1)									
					•						
				NOTES .				·····			
				NULES:	NU WAIEK			<u> </u>			
					DIDEN						
					KADON	620 6	MANS	ANUMALOUS			
		{			DIDIAM CON.	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	·····				
					RADIUMETRI	C LOG	ELAI			·	
				·							<u> </u>
				·····							
										-	
							· · ·	······································			
							•				
					·	•		· · · · · · · · · · · · · · · · · · ·	And Mil		
		•	······								
		•	-+		· · · · · · · · · · · · · · · · · · ·						
	i										
							······································	<u> </u>			

1

	•	•			t	. '
•			, ,			
Coo Elev ole	rd	$\frac{32.75N}{1.75E}$ Length $\frac{3810'}{2L''}$ Dip	DRILL RECORD — Chinook Const. & Engineering Ltd. Type <u>50'</u> Project <u>GRAND PORKS PROPERTY</u> Date Location <u>NO 2 SHOWING</u> Logged b <u>VERTICAL</u> Purpose <u>EXDLOPATION</u>	PER PH- 21J	CUSSI 18C-: UNG 1 deQ,	04 31 18 K 200/10
FOO	TAGE	ROCK TYPE	DESCRIPTION			
NOS				FROM	TO	
0	<u> </u>	DIOTILE GUEISS				
	15	<u> </u>				••••
	20	<u> </u>				
	25	1 4				······································
	30	<u> </u>				
	35	pegmatte gneiss				
	40	pagmahle				
	<u>ф</u>	DIONE groiss				
						·
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
			NOTES NOWATER			
			RADON 18 EMANS			
			PADIOMETRIC LOS FLAT		·	
			KROTUTTET KILL LOY			
					[]	
					¦{	
		· · · · · · · · · · · · · · · · · · ·				
			•			
	 			· · · · · · · · · · · · · · · · · · ·		
		,				
	-				1 -	4

									,
•		22.50	Ň	DRILL I	RECORD- Chinook Const. & Engineering Ltd.	Type	PERC	USSI	NO
Coo	rd	1.255	<u>a</u> Longth	50	Project OPAND POPES PROCOTY	Hole No.	PH-	186-	32
Flev		38051	- Cengui Azimuth		Incretion NO 2 SHOWING		M M	1.00	101
ole	· Size	211	Din N	ERTICAL	Purpose GX PLOPATION	roßßen r	<u>y</u>	He WO	aaro
F001	AGE						2	155 41	1
MOS	то	ROC	K TYPE		DESCRIPTION	•	FROM	TO	80200
0	5	overburde	n gnoiss				0	5	50.001
	10	queise	peqmatik			•	5	10	0.000
	<u>-15</u>	gneiss		peqmatile	7				
	20	<u> </u>					15	20	50.001
	-25	<u> 11</u>							
	30	<u> </u>							
	33	<u>h</u>					30	35	20-001
·····	<u> </u>	<u> </u>							
	- 93	·····	· · · · · · · · · · · · · · · · · · ·	Downable	7	·			
•••••••		<u> </u>		pagmanie					
						· · · · · · · · · · · · · · · · · · ·			
		*			,				
				NOTES:	NOWATER				
						• ,			
					RADON <u>A</u> EMANS		1		
					RADIOMETRIC LOG ~ MINDR PEAKS				
				·	۰ • • • • • • • • • • • • • • • • • • •				
								·	
								•	
						۱۹۹۹ - میکنوند میکنوند. ۱۹۹۹ - میکنوند از ۲۳۵۰ - مارور از ۲۰			
			•						
				1					

•	•	10			•	j.	
Coo Elev ole	rd . Size .	33:75N 1:25E 3810' 2t"	DRILL Length <u>50¹</u> Azimuth <u></u> Dip <u>ERTICAL</u>	RECORD Chinook Const. & Engineering Ltd. Project QRAND PORKS PROPERTY Date Location NO 2 SHOWING Logg Purpose 5× PLORATION	No. PH	20055 780-3 30 NE deQu	10N 33 1978
F001	AGE	ROCK TYPE		DESCRIPTION		ASSAY	1-1-1-1-1-1-1
		auschund			FROM	то	103CE
	10	Degmante au	~ 2219			5 10	0:001
	ÌS	1 J		· · · · · · · · · · · · · · · · · · ·			
	20	biohte gneis	22				
	25	<u> </u>					
	30	4 11					
	<u>35</u>	<u> </u>	· · · · · · · · · · · · · · · · · · ·				
	40	<u> </u>					.
	50	<u> </u>					
		<u> </u>			· · · ·		
			NOTES ;	AR WATCH AT IS'			
				RADON 5 GMANS			
		·					
				KADIOMETRIC LOG YLAN			-
				· · · · · · · · · · · · · · · · · · ·			
				······································			
						at the second se	
	<u> </u>						
, ,		l					
							-
		4	+	•			
	1	1			1	1_	1.1

	•							.				
Coo Elev	rd Size	54.00 N 1.25E 38001 211	Length . Azimuth Dip	DRILL I 501 	RECORD Chi Project _ Location _ Purpose	Lnook Const RAND PO NO Z S CXPLOR	· & Engineeri RKS PROF HOWING	ng Ltd.	Type Hole No. Date Logged b	PH PH 222 » M	45910 180- 20 NE	34 34 1978 100/10
FOO IOM Q	TAGE TO 5 10	ROCK TY Overburden Deg matile	PE Peghatik		•	DES	RIPTION			FROM O	55A1 10 5	Y10308
	20 25 30 35	11 11	y y y y						· · · · · · · · · · · · · · · · · · ·			
-	40 45 50	1) 1) Gheiss	<u> </u>						· · · · · · · · · · · · · · · · · · ·	35		<u>) 00·00</u>
				NOTES:	NO WAT	در ع د	MANS					
					RADIOIME	TRIC LOG	- MIHOR	PEAKS	······			
						<pre></pre>						· · · · · · · · · · · · · · · · · · ·
						· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				•	
	1	1			., t		······································					

•							•						
Coo Elev	rd. <u>3</u>	3.25 N 1.25E 5810'	Length Azimuth		CORD— Chine Project <u>Q</u> Location <u>N</u>	ook Co AND Q Z	nst. & Eng <u>PORKS</u> SHOWIN	ineering Lt <u>PROPCC</u>	:d. 271	Type Hole No. Date Logged b	PERC PH 222	USS 10 18C- 10 NF 20 NF	2 M 35 1978
ole	Size -	<u>~~~~~</u>	Dip	VERTICAL	Purpose	-X DLO	RATION				· · · · · · · · · · · · · · · · · · ·		
F001	AGE	ROCK T	YPE		•		DESCRIPTION	•			5004	70	-
0	- 10	ouerburden	Ignaice	**************************************							FROM		
-4	- 10	biolity	19merss				<u> </u>						
	15		Silans						· · · · · · · · · · · · · · · · · · ·				
			4										
	25			· · · · · · · · · · · · · · · · · · ·									
	30	.1	N	·····									· · ·
	35	łı	4					,					
	40	۱,	١,			<u></u>			····				
	45	1,	.lj		······································								
	50												
					······								
				NOTES :	NO WA	TER			•				
										,			
					RADON		16 EM	ANS			· ·		
					RADIOMO	ETRIC	LOGE	47					
						<u>i,</u>					·		
								· · · · · · · · · · · · · · · · · · ·					
				<u></u>						•			
						 							
							t						
												·	
						·•							
					<u> </u>	<u></u>				an Connection of Contemporation			
				· · · · · · · · · · · · · · · · · · ·			<u> </u>		- .		·		
			•		٩								
		-								•	4	. 1	

.

1 -

	•	жа, Т				۰.		t t)	
Coo Elev	rd . Size _	2.70N 1.30E 28301 22V	Length Azimuth Dip	DRILL R	ECORD— Chinook Project <u>QLAND</u> Location <u>NO 2</u> Purpose <u>EX D L</u>	Const. & Engineeri FORKS PROP SHOWING ORATION	ing Ltd.	Type Hole No. Date Logged b	<u>соя</u> 80-2 50 не 10 ду	0A 6 1978 14080	
FOO	AGE	ROCK	ТҮРЕ			DESCRIPTION	· · · · · · · · · · · · · · · · · · ·				
	 <	b. albeh	urden.						FROM	<u></u>	
	10	biotite	ONDESS					······································			
	15	4	0"			۵۰۰۰۰۵۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰					
	20	4	<u> </u>								
	23	<u> </u>	4			,					
	30	Y	4								
	<u> </u>	<u> </u>	<u> </u>		<u> </u>						
		<u> </u>								·	
	30	<u> </u>	ÿ								
		¥					******				
				Notes :	NO WATER						
							•				
					RADON	IEMAN'					
					RADIOMETR	IC LOG FLAT					
				-		•					
				· · · · · · · · · · · · · · · · · · ·							
								· · · · · · · · · · · · · · · · · · ·			
					•						· · · · · · · · · · · · · · · · · · ·
					· · · · · · · · · · · · · · · · · · ·	\$					

							· · · · · · · · · · · · · · · · · · ·				
				-	······································	<u></u>	<u></u>			·	
	<u> </u>										
				-					·	_ 	
				-	· · · · · · · · · · · · · · · · · · ·						
-	4			-			,			 	

• •

I	•	. MX.				'		1 1			
Coo Elev	rd Size _	<u>53.00 N</u> <u>1.65E</u> <u>38401</u> 2t"	Length Azimuth Dip	DRILL RE	$\begin{array}{c} \text{CORD} - \text{Chinook} \\ \text{Project} \underline{\bigcirc Paint} \\ \text{Location} \underline{\frown \bigcirc} \\ \text{Purpose} \underline{\frown \frown \frown} \\ \underline{\frown \frown \frown} \\ \end{array}$	Const. & Engin 1D PORKS I 2 SHOW ING LORATION	eering Ltd.	Type Hole No. Date Logged b	у <u>М</u> с	USS10 8C-3 UNE. HQUM	N 1978 1978
FOOT OM	AGE TO 5	ROCK TY	PE New			DESCRIPTION			FROM	TO	
	10 15 20	blotiteg.	<u>v</u> v			*****			•		
	25 30 35	Y Y	4 11 	wet							
	40 45 50	<u> </u>	4 	1) 11 11							· · · · · · · · · · · · · · · · · · ·
				NOTES :	WATER AT	r 30'					
				`	RADON	150 EM	ANS				
					KADIOMET	eic Log le La	\				

							· · · · · · · · · · · · · · · · · · ·				
					· · · · · · · · · · · · · · · · · · ·						
					<u> </u>						

	•							
	•	~						
•	•				· · · · · · · · · · · · · · · · · · ·			
'								
					T	Yor		
C	. З	3.45N		DRILL REC	ORD-Chinook Const. & Engineering Ltd.	MCKC CCKC	$\frac{122N}{2}$	NO
0001	U	1.50 C	Length	50'	Project QDAND PORKS DRODGOTH Data	234	UNC 1	818
Flow	2	5830'	Azimuth		Location NO 2 SHOLLING	N 7		<u></u>
ີພະ	. <u> </u>	211		CPTICAL	Purpose GXDLORATION	-10	<u>envo</u>	
F007	ACE	, 						
OM	TO	ROCK TYPE			DESCRIPTION	FROM	TO	
0	Ę	Quesburdon						
		alley burda la	moiss					
		biotile pusie	Surves	populate ?				
	20	L' "		tolumic:				
	25	1, H	· · · · ·					
	20	11 W						
	35	N V		******				
	40	V \1	 					
	۵S	4 V						
	50	۱ ۱,	·					
				······································				
				NOTES ;	NO WATER			
					•			
				•	RADON 13 EMANS			
						1		
			1	<i>•</i>	RADIOMETRIC LOG FLAT			
							Žeri	
							<i>:</i>	
						•		
		·	-+			<u></u>		
		1					-	

	•	-			
Coo Elev ole	rd Size .	<u>400 N</u> <u>1・25 E</u> Length 38 201 Azimuth 2 <u>1</u> " Dip	DRILL RECORD Chinook Const. & Engineering Ltd. Type 501 Project <u>QRAND FORKS PROPERTY</u> Date Location <u>NO Z SHOWING</u> Logged by VERTICAL Purpose <u>EXPLORATION</u>	HERCI PHY 23 Y Md	25510N 8C-39 50NE1978 =Quadros
FOOT	AGE TO	ROCK TYPE	DESCRIPTION	AS	SAY
0	5	overburden			-10 AV308
	_10				
	$\frac{15}{20}$	pegmante		_10_	520.001
	25	Deg matit queis		- <u>.</u>	0.009
	30	peqmatile		- 25	30(0.001
	35	¥			
	40	<u> </u>			40(0.00)
	50	Qheiss		<u> </u>	451.0.002
		0	· · · · · · · · · · · · · · · · · · ·		
			NULES : NU WALER		
			: RADON 5EMANS		······································
			: RADIOMETRIC LOG - MINOR PEAKS		
		·			
					{j:
				· .	
				<u>.</u>	
		,			
					k k k k

•	•				· ~ · · · · · · · · · · · · · · · · · ·			1
Coord. <u>30,25N</u> <u>1,25E</u> Elev. <u>38151</u>		DRILL RE Length <u>50</u> Azimuth <u>–</u>		ECORD— Chinook Const. & Engineering Ltd. Project <u>QRAND</u> FORKS <u>PROPERTY</u> Date _ Location <u>NO</u> <u>2</u> SHOWING Logged Purpose <u>EXDLO RATION</u>	o. <u>PH</u> 23 by <u>M</u>	PHYRC-40 23 JUNE 18 by M de Quadr		
FOOT	AGE	ROCK TYP	E		DESCRIPTION	FROM	то	
	5 10 18 20 25 20 25 20 35 20 35 20 35 20	gheiss II Pegmatite II II gheiss gheiss gheiss gheiss		NOTES :	NO WATER			
					RADON Z EMIANS RADIOMETRIC LOG FLAT			
							L.	

	•						~	
Coord. 34.50 N 1.25 Cond Elev. 3810° Azimuth Dip		Length Azimut Dip	DRILL RECORD Chinook Const. & Engineering Ltd. Type 50' Project <u>QRAND FORKS PROPERTY</u> Date Location <u>NO. 2 SHOWING</u> Logged to VERTICAL Purpose <u>EXPLORATION</u>	Type <u>PEOCUSSION</u> Hole No. <u>PHYEC-AI</u> Date <u>2330NE.1976</u> Logged by <u>MdeQiadkc</u>				
FOOT OM	AGE TO 5	ROC	CK TYPE	DESCRIPTION	FROM	TO		
	10	<u>y</u>	<u> </u>					
	20 25 30	<u> </u>	4N		·			
	35 40	<u>1</u>	() ()				· · · · · ·	
	50	<u> </u>	<u> </u>					
				NOTES: NO WATER				
				: RADON IEMAN				
<u></u>				: RADIOMETRIC LOG FLAT				
		·				•		
	·				·			

, 1	, A	····				•	
Coord Elev.	1. <u>3</u> Size	2410011 1.505 241	Length Azimuth Dip	DRILL RECORD Chinook Const. & Engineering Ltd. 50 Project QRAND PORKS PROPERT Date Location NO 2 SHOWING Logged b ERTICAL Purpose GED CATION	PH 233 Md	CUSSI 18C- UNC 1000	01 42 1978 4282
	GE TO 5 10	ROCK TY gneiss peg 'l	pe matik v	DESCRIPTION	FROM	TO	
	2020	1) pagnatit	2				
	40 45 50	gneiss [pe brotite g	gnatile Noiss	wet wet wet			· · · · · · · · · · · · · · · · · · ·
				NOTES ; WATER AT 35' .			
				RADON IEMAN			
				RADIOMETRIC LOG PLAT			
							· · ·
			·				· · · · · · · · · · · · · · · · · · ·
			* ;			· · · · · · · · · · · · · · · · · · ·	

APPENDIX 2

ŧ

N.

いたいで

TABLE 1: STATEMENT OF COSTS

TOTAL EXPR	ENDITURE BREA	KDOWN - GRAND	FORKS PROJE	CT MARCH 1-C	JULY 31,1978	
EXPLORATION	March/78	April/78	May/78	June/78	July/78	Totals
Geochemical Geological	\$	\$ 58.	\$ 186.	\$ 2,005. 2,358.	\$ 762.	\$ 3,011. 2,358.
Geophysical Drilling Tronching		1,519.	2,461.	801.	714.	5,495.
Surveying Line Cutting	380.	1,015.	2,139. 3,239.	1,031.	348.	4,913. 3,239.
Percussion Drilling Road Preparation Site Preparation			8,085. 1,254.	4,474. 17,666. 680.	1,262. 9,397.	13,821. 28,317. 680.
TOTAL	\$ 380	\$2,592.	\$17,364	\$29,015.	\$12,483.	\$61,834.
INDIRECT COSTS						
Maintenance		311.	1,606.	2,516.	1,417.	5,850.
Supervision	3,181.	2,816.	6,991.	6,499.	4,643.	24,130.
Move-in-out Costs		419.	2,440.	6.	1,381.	4,246.
Accomodation		1,855.	1,213.	7,253.	1,967.	12,288.
Employee Travel Misc. Haul & Freight	349.			565.	95.	1,009.
Overhead Fees & Assessments	650.	1,823.		5,853. 2,107.	8,853.	17,179. 2,107.
Payroll Additives		205.	613.	1,396.	701.	2,915.
TOTAL	\$4,222.	\$7,429.	\$12,863.	\$26,195.	\$19,057.	\$ 69,766.
JOB TOTAL	\$6,602.	\$10,021.	\$30,227.	\$55,210	<u></u> \$31,540.(\$131,600.



TABLE 2

PERSONNEL & WAGE RECORD

Mel de Quadros, Project Geologist March 1st - August 31st, 1978 @ \$1800./Mo. March 1-30 1,800.00 April 1-30 1,800.00 May 1-31 1,800.00 June 1-30 1,800.00 July 1-31 1,800.00 August 1-31 1,800.00 Clive Ashworth, Senior Field Assistant April 1st - July 22nd, 1978 @ \$70.00/Day April 2-15 910.00 April 16-29 700.00 April 30-May 13 700.00 May 14-May 27 630.00 May 28-June 10 700.00 June 11-June 24 700.00 June 25-July 8 700.00 July 9-July 22 873.32 Grant Schorn, Field Assistant May 1st - July 22nd, 1978 @ \$60.00/Day April 30-May 13 600.00 May 14-May 27 600.00 May 28-June 10 600.00 June 11-June 24 600.00 June 25-July 8 600.00 July 9-July 22 669.90 Ed Gauthier, Construction Supervisor May 15-July 15, 1978 @ \$2000.00/Mo. May 14-May 27 2,000.00 June 25-July 8 2,000.00 Frank Black, Cat Skinner May 23rd-June 16th @\$11.53/Hour May 14-May 27 438.16 May 28-June 10 1129.95 June 11-June 24 691.80

.....Continued

Table 2 - Personnel & Wage Record, Cont'd.

Mel Carlson, driller May 24th-July 5th, 1978 @\$ May 14-May 27 May 28-June 10 June 11-June 24	\$11.30/Hour 474.60 1107.40 1011.35	
June 25-July 8	1108.53	
Brent Schorn, driller's he May 20th - July 22, 1978 @ \$10.57/Hour May 14-May 27 May 28-June 10 June 11-June 24 June 25-July 8 July 9-July 22	381.68 1035.87 895.03 610.26 861.13	
TOTAL WACES		\$34,328,98
Plus 15% Fringe Benefits		5,299.34
GROSS TOTAL		S39 ,628.32
Board @ \$17.00 per man o 387 man days	day for	6,579.00
Room billed by Johnny's Grand Forks for employe	Motor Court e accomodation	9,620.29
TOTAL EXPENDITURE FOR EMP	LOYEES	\$55,827.61

C.,

TABLE 3 : EQUIPMENT RECORD

EQUIPMENT RENTAL MARCH 1st-AUGUST 31st,1978

GRAND FORKS PROJECT

.

		•					
A) INSTRUMENTS	MARCH	APRIL	MAY	JUNE	لغ MO. JULY	AUGUST	
Base magnetometer Proton magnetometer Radon emanometer GIS-4 Scintrex Scintillomete """""""""""""""""""""""""""""""""""	r	350. 140. 220. 80. 80. 200.	350. 140. 220. 80. 80. 200.	350. 140. 220. 80. 80. 200.	175. 70. 110. 40. 40. 100.		
B) <u>TRUCKS</u> Ford 4x4 3/4 ton pick-up Ford 4x4 3/4 ton crew-cab """"""""	460.	460.	460. 180. 240. 240.	460. 460. 460. 460.	460. 230. 230. 230.		
C) <u>Heavy Equipment</u> Compressor (\$20./Shift) Airtrac drill (\$20./Shift) Bulldozer Caterpillar D6 (\$44./Hour)			140. 140. 8085.	460. 460. 8085.			<u>-</u>
TOTAL	460.	1530.	10555.	11915.	1685.		GRAND TOTAL \$26,145.00
					fell	() /	

APPENDIX 3

.

RED GROUP	<u>UNITS</u>	GOOD TO	STAKING YEAR	ASSESSMEN APPLIED	т то
Hot	8	02/07/81	1976	1600	1982
Sun	6	02/07/81	1976	1200	1982
Deb	12	09/11/81	1976	2400	1982
Radar 2	1	26/08/83	1974	200	1984
Radar 3	1	26/08/83	1974	200	1984
Meredith II	<u>8</u> 36	02/07/81	1976	<u>1600</u> 7200	1982
GREEN GROUP					
Radar	1	10/09/83	1973	200	1984
Tara	16	09/11/80	1976	3200	1981
Midnite	<u>20</u> 37	23/08/79	1976	<u>8000</u> 11400	1981
YELLOW GROUP					
Midway	18	02/06/81	1976	1600	1982
Radar 4	1	26/08/83	1974	200	1984
Radar 5	1	26/08/83	1974	200	1984
Ben	6	13/07/81	1976	1200	1982
Dena	4	09/11/79	1976	1600	1981
Snow	8	23/08/79	1976	3200	1981
	38			8000	2
Total Assessm	ent Appl	ied		(\$26,600.00
Job Total (Ap	pendix 2	2)			\$131,600.00

APPENDIX 3 ALLOCATION OF ASSESSMENT WORK

\$131,600.00

To P.A.C. Account

Chinook Construction & Engineering Ltd. and Consolidated Boundary Exploration

\$104,620.00

APPENDIX 3

.

APPENDIX 3

STATEMENT OF QUALIFICATIONS

I, Antonio M. de Quadros, certify that:

- a) I hold the following degrees in Geology:
 B.Sc.Hons. University of London 1964
 M.S. U.C.L.A. 1968
 Ph. D. University of Nairobi 1972
- b) I have worked on geological project since 1959,

including:

- i 1964-1965 Geologist, Geological Survey of Tanzania
- ii 1968-1972 Lecturer in Geology, University of Nairobi, Kenya
- iii 1973 Geologist, Agilis Exploration Services, Vancouver, B.C.
- iv 1974 Geologist, Union Carbide Exploration, Vancouver, B.C.
- v 1974-1975 Geologist, Dolmage Campbell & Associates. Diamond Drilling of Hat Creek Coal Deposit
- vi 1975-1976 Geologist, Kerr Addison Mines, Feasibility & Exploration, Grum Joint Venture
- vii 1976-1977 Geologist, Dolmage Campbell & Associates, Interpretation, Bat Creek Coal Deposit.
- viii 1977-1978 Project Geologist, Chinook Construction & Engineering Ltd., Prospecting, Property Work and Evaluation - Uranium in B.C. and Colorado Plateau.
- c) I am i) a Fellow of the Geological Association of Canada
 - ii) an Engineering Pupil of the Association of Professional Engineers of B

A.M. de Quadros, Geologist











3	
CBC JOINT VENTURE	
GRAND FORKS PROPERTY	
IG. 5: NO.2 SHOWING	
SCALE	
0 25 50 75 100metres	
station	
station with overburden	
populssion hole	
though	
dirt road	
contour on total countsfor 30 seconds Scintrex GAD-1	
and a second	
the second s	
MINERAL RESOURCES BRANCH	
1621	
NO.	
na n	
DOK CONST.& ENG. LTD.	