

APPENDIX + FROM WCR SAMPLE DESCRIPTION BOGGY CREEK - 1 W1053

#### 

#### Sample Description

					Ø	SHOWS		-	
WELL: BOGGY CREEK #1	CREEK	#1 DATE: 21/12/91 GEOLOGIST: V. AKBARI PAGE: 1 OF 29			GAS			FLI	FLUOR
пкрчн (ш)	%	SAMPLE DESCRIPTION	TOTAL	CI	CZ	ဗ	C4	NAT.	CUT
0 - 10		NO SAMPLES		_	1	ı	1	-	ı
ı	80								
		very fossiliferous		•	ī	ı	ı	1	ı
	101	SAND white - translucent, f. md c. grained, dom. md.,							
		rounded to subrounded, dom. rounded, no cement							
	10	SILTSTONE, dark br., hard, well cemented, with iron oxide rich							
		matrix							
20 - 30	100	CALCARENITE, light grey, mdc., dom. c., abd. calc. cmt., very		ı	ı	1	l	1	1
		fossiliferous, trace green - dk. green glauconite, trace							
		sand as above							
30 - 120	100	CALCARENITE as above		1	1	1	1	1	ı
120 - 150	100	MARL, med dk. grey, calcareous, soft and sticky		ı	1	1	1	1	1
150 - 160	8	CALCARENITE as above		1	1	ı	1	1	
	20	<u>MARL</u> as above							
160 - 280	100	MARL as above		-	1	1	ı	•	ı
280 - 320	06	MARL as above		١	1	ı	1	1	ı
	10	CALCARENITE as above							

					W	SHOWS			
WELL: BOGGY CREEK #1	CREEK	K #1 DATE: 25/12/91 GEOLOGIST: V. AKBARI PAGE: 2 OF 29			GAS			FL	FLUOR
рертн (ш)	9/0	SAMPLE DESCRIPTION	TOTAL	C1	CZ	<b>C3</b>	C4	NAT.	CUT
320 - 355	100	MARL, grey - dk. grey - olive grey, soft, rarely carbonaceous							
		glauconitic, very fossiliferous, pre							
		echinoid debris and shell fragments.							
355 - 435	100	<u>MARL</u> as above							
435 - 440	80	CALCARENITE, reddish - brn- orange, some white, pinkish,							
		loosely consolidated - friable, bioclastic predominantly							
		bryozoa, shell fragments, and foraminifera							
	20	<u>MARL</u> as above		ı	ı	ı	1	ı	ł
440 - 470	100	CALCARENITE as above							
470 - 480	8	MARL, dark grey - olive grey, very soft, rarely glauconitic							
	20	CALCARENITE as above							
480 - 510	06	MARL as above; very pyritic, abd. pyrite nodules							
	10	CALCARENITE as above							
510 - 530	100	MARL as above, rarely pyritic							
530 - 540	100	SAND, white - translucent, fine - medium - coarse grained,							
		dom. c. grained, rounded - sub-rounded, dom. sub-rounded,							
		quartz; poorly sorted, no cement.							
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WELL: BOGGY CREEK #1	CREE	t #1 DATE: 25/12/91 GEOLOGIST: V. AKBARI PAGE: 3 OF 29			GAS			FL	FLUOR
ОЕРТН (ш)	%	SAMPLE DESCRIPTION	TOTAL	CI	CZ	<b>C3</b>	<b>C4</b>	NAT.	CUT
540 - 550	50	SAND, as above							
	50	MARL, dark reddish - brown, soft, very glauconitic, abd.							
	E.	dark green glauconite nodules							
550 - 560	7.0	MARL as above							
	10	<u>SAND</u> as from 540 - 550							
	20	CALCARENITE							
560 - 570	95	MARL as above							
	5	<u>SAND</u> as above							
570 - 580	06	SAND, off white, brownish-translucent, fine-medc vc		į					
		grained, dom. med-c grained sub-rounded-rounded							
		dominantly sub-rounded, poorly - moderately sorted quartz,							
		friable, no cement							
	10	MARL as above							
580 - 590	100	<u>SAND</u> as above							
590 - 640	100	SAND, brownish - translucent, mc v.c, dom. c. grained,							
		rounded - sub-rounded, poorly-moderately sorted Quartz, friable							
		with no cement, becoming finer and well sorted with depth							

					SHOWS			
WELL: BOGGY CREEK #1	CREEK	DATE: 25/12/91 GEOLOGISI. V. ANDANI		GAS			TÆ	FLUOR
<b>ОЕРТН (m)</b>	0/0	SAMPLE DESCRIPTION	TOTAL C1	C2	C3	C4	NAT.	CUT
99 - 999	88	SAND, white, greyish - translucent, sugary, fine-med. occ. c,						
		dom. med., sub-angular - sub-rounded, dom. sub-angular						
		moderately sorted Qtz, loose with no cement						
	20	MARL, dark grey, carbonaceous, v. soft & dispersive						
029 - 099	30	MARL, as above, with abd. silty carbonaceous material						
	70	SAND as above						
089 - 0/9	09	SAND as above						
	40	MARL as above						
680 - 685	09	CLAYSTONE, dark brown, greyish - brown, carbonaceous, very	Vi 1					
		soft, dispersive						
	40	SAND, white, greyish, translucent, sugary, fmed., occ.						
		coarse dom. med., SA-SK, dom. SA, mod. sorted Qtz, friable						
		with no cement						
685 - 690	80	<u>SAND</u> as above	-					
	20	<u>CLAYSTONE</u> as above						
690 - 715	40	<u>CLAYSTONE</u> as above	-					
	09	SAND as above						

CUL FLUOR NAT. C4 SHOWS C3 22 GAS C TOTAL Ni 1 = : = : = : : = PAGE: 5 OF 29 CLAYSTONE, dark grey - brownish silty, v. pyritic, rare WELL: BOGGY CREEK #1 DATE: 25/12/91 GEOLOGIST: V. AKBARI SAMPLE DESCRIPTION glauc., very soft, dispersive <u>SAND</u> as from 680 - 685 CLAYSTONE as above SAND 09 40 20 70 80 30 70 20 70 30 80 30 20 80 80 20 % DEPTH (m) 845 - 790 810 820 770 715 - 730730 - 745745 - 755770 790 810 820 755

					V.	SHOWS			
WELL: BOGGY CREEK #1	CREE	<pre>&lt; #1 DATE: 25/12/91 GEOLOGIST: V. AKBARI PAGE: 6 OF 29</pre>			GAS			FL	FLUOR
ОКРФН (m)	%	SAMPLE DESCRIPTION	TOTAL	CI	CZ	C3	<b>C4</b>	NAT.	CUT
845 - 855	06	CLAYSTONE, dark grey	Ni 1						
		rarely pyritic, soft, dispersive							
	10	SAND as from 680 - 685							
855 - 900	100	CLAYSTONE as above	=						
1	80		=						
	3	olanconite nodules. soft. dispersive							
	00								
	7	DAND OLI WILLY CHAMBERCONS 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.							
		SR. mod. sorted Utz. Irlable With no cement.							

SHOWS

CUL FLUOR NAT. **C4**  $G_3$  $C_{2}$ GAS  $C_{1}$ TOTAL PAGE: 7 OF 29 CLAYSTONE, brownish - grey, silty, carb., soft, dispersive - translucent, sugary, f.-md. dom. md. SA-SR, dom. SA. mod. sorted Qtz, rare mica WELL: BOGGY CREEK #1 DATE: 26/12/91 GEOLOGIST: V. AKBARI SAMPLE DESCRIPTION SAND, brownish - orange, friable with no cement CLAYSTONE as above CLAYSTONE as above SAND as above SAND as above 100 100 20 80 80 % DEPTH (m) - 980 965 905 - 910910 - 913ŧ 965 913

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WELL: BOGGY CREEK #1	CREEK	#1 DATE: 27/12/91 GEOLOGIST: V. AKBARI PAGE: 8 OF 29			GAS			FL	FLUOR
(m) HEGGA	6)	SAMPLE DESCRIPTION	TOTAL	ដ	C2	<b>C3</b>	24	NAT.	CUT
Uni uriado	0								
980 - 990	100	CLAYSTONE, brownish - grey, silty, carb., soft and dispersive	Ni 1		1		1	ı	
990 - 995	30	CLAYSTONE as above							
			=	1	ا	ı	ı	l	ı
	0 /	SAND, off white, translucent, v.tt md, dom. md., SA-SK,							
		dom. SR, mod - well sorted Otz, friable with no cement							
002 - 1020	O	SAND as above		1	I	1	1	1	ı
		3							
	10	CLAYSTONE as above							
1020 - 1025	30	CLAYSTONE as above	=	١	1	ı	-	ŧ	3
1	3	1							
	70	SAND as above							
1025 - 1030	09	SAND as above	=	-	1	1	1	-	ı
	,	NOHOAY ID	<i>μ</i> .						
	<b>1</b>								
1030 - 1035	90	CLAYSTONE as above		1	-	-	1	1	1
	10								
			=	ı	ı	1	ı	ı	i
1035 - 1040	8	SAND, off white - v. light tan, translucent, mu. c.							
		good, dom. c., SA-SR, dom. SA, mod. sorting Otz, friable							
	ć	201 - 0001 2 amounts	·						
	02	CLAISIUNE AS ITUM 1030							
					1.00				

				SHOWS			
WELL: BOGGY CREEK #1	EK #1 DATE: 27/12/91 GEOLOGIST: V. AKBARI PAGE: 9 OF 29		GAS			FLUOR	OR
% (m) nhoad	SAMPLE DESCRIPTION	TOTAL	C1 C2	23	C4	NAT.	CUT
1040 - 1065 100	<u>SAND</u> as from 1035 - 1040		1	ţ	1	1	
1065 - 1070 80	SAND as above		1		1	1	
20	CIAYSTONE as from 1035 - 1040						

		GAS AND FUEL EAFLION N.D.						
					SHOWS			
WINT.T. BOCCV	אממט אטטטמ	#1 DATE: 28/12/91 GEOLOGIST: V. AKBARI PAGE: 10 OF 29				<del></del>		
	ONEE	14. DATE OF THE STATE OF THE ST		GAS			FIUOR	OR
DEPTH (m)	%	SAMPLE DESCRIPTION	TOTAL C1	C2	C3	C4	NAT.	CUT
1070 - 1075	50	SANDSTONE, off white - yellowish, very fine - v.c. dom. c,	Nil -	ı	1			1
		poor sorting, SA-SR, coarse grains are generally angular						
		trace mica, unconsolidated, good porosity						
	20	CLAYSTONE, dark grey, carbonaceous, silty, rarely pyritic,						
		soft, dominantly dispersive						
10/5 - 1090	40	CLAYSTONE as above		ı				•
	09	<u>SANDSTONE</u> as 1070 - 1075					<u> </u>	
1090 - 1105	10	SANDSTONE as above	-	ı				-
	06	CLAYSTONE as above						
1105 - 1115	30	<u>CLAYSTONE</u> as above	=	ı	1		_	I
	0/	SANDSTONE as above						
1115 - 1120	30	SANDSTONE as above	-	ı	1		1	1
	0/	CLAYSTONE as above						
1120 - 1140	06	<u>CLAYSTONE</u> as above	1	ı	<b>!</b>			l
	10	SANDSTONE as above						
1140 - 1145	30	<u>SANDSTONE</u> as above	=	ı	1		1	1

WRIT. BOCCY CDEEV #1 DATE: 28/12/01 GEOTOGIST: V AKBART DAGE: 11 OF 20			02	SHOMS			
			GAS			FL	FLUOR
DEPTH (m) % SAMPLE DESCRIPTION	TOTAL	CI	C2	C3	C4	NAT.	CUI
1145 - 1150 50 <u>SANDSTONE</u> as from 1070 - 1075	Ni 1	1	1	ı	ı	ı	l
50 CLAYSTONE " " - "							
1150 - 1165 30 <u>CLAYSTONE</u> " " - "	=	•	1	١	ı	1	ı
70 SANDSTONE " - "							
1165 - 1175 20 SANDSTONE, colorless - translucent, v.f c. dom. c.,							
poor mod. sorting, A-SA, dom. SA Qtz, rare lithics, trace							
pyrite, unconsolidated, argillaceous matrix, good porosity							
80 CLAYSTONE, argillaceous, dark grey, brownish, carbonaceous		1		1	1	ı	ı
silty, very soft, dispersive							
1175 - 1200 100 <u>CLAYSTONE</u> as from 1165 - 1175	=		ı	ı	ı	l	1
1200 - 1205 - 90 <u>CLAYSTONE</u> " " " " "							
10 SANDSTONE " - "							
1205 1215 40 <u>SANDSTONE</u> " " - "	=	ı	ı	1	1	ı	I
60 <u>CLAYSTONE</u> " - "							
1215 - 1220 70 CLAYSTONE " " - "							
30 <u>SANDSTONE</u> " " - "							

ANSTONE as from 1165 - 1175  ANSTONE " " - "  ANSTONE A-SA, dom. A, Qtz, rare lithics, hard-mod.  Id, well cemented with calc. cement, no visual porosity  ANSTONE as from 1240 - 1245  ANSTONE as from 1240 - 1245  ANSTONE " " - "  ANSTONE A-SK, dom. SR Qtz, rare pyrite rare  m. c, poorly sorted, SA-SR, dom. SR Qtz, rare pyrite rare  thics, unconsolidated good intergranular porosity	5	And C	NAMES 19/01 CECTORS V AVBART DAGE: 12 OF	29		4	SHOWS			
### SAMPLE DESCRIPTION  ### TONE as from 1165 - 1175  ### TONE	WELL: BOGGY CREEK #1	#=	DATE: 28/12/91 GEOLUGIBI: V. ANDAKI FAGE: 12 OF			GAS			FL	UOR
### From 1165 - 1175  ##################################	0%		SAMPLE DESCRIPTION	TOTAL	<b>1</b> 5	CZ	င်ဒ	27	NAT.	CUT
TONE	20	1	as from 1165 -	Ni 1	1	1	ı	***	***	l
CLAYSTONE       " " - "         SANDSTONE       " - "         SANDSTONE       " - "         CLAYSTONE       " - "         SANDSTONE       " - "         CLAYSTONE       " - "         SANDSTONE       " - "         SANDSTONE       " - "         ANDSTONE       " - "         ANDSTONE       " - "         ANDSTONE       " - "         ANDSTONE       " - "         CLAYSTONE, dark grey-brownish, silty carb, soft & dispersive       " - "         CLAYSTONE       " - "         SANDSTONE       " - "         Ithhics, unconsolidated good intergranular porosity       " - "         Ithhics, unconsolidated good intergranular porosity	50		1 :: ::							
SANDSTONE       " - "         CLAYSTONE       " - "         CLAYSTONE       " - "         CLAYSTONE       " - "         SANDSTONE       " - "         SANDSTONE       " - "         SANDSTONE       " - "         mod. sorting, A-SA, dom. A, Qtz, rare lithics, hard-mod.       - " - "         mad. sorting, A-SA, dom. A, Qtz, rare lithics, hard-mod.       - " - "         hard, well cemented with calc. cement, no visual porosity       " - " - "         CLAYSTONE       dark grey-brownish, silty carb, soft & dispersive       " - " - " - "         SANDSTONE       " - " - " - " - "         SANDSTONE       " - " - " - " - " - "         SANDSTONE       " - " - " - " - " - " - " - " - " - " -	30	4	=======================================	:	1	ı	ı	-	l	1
SANDSTONE       " - "         CLAYSTONE       " - "         SANDSTONE       " - "         SANDSTONE       " - "         SANDSTONE       " - "         SANDSTONE       " - "         mod. sorting, A-SA, dom. A, Qtz, rare lithics, hard-mod.       - " - "         mod. sorting, A-SA, dom. A, Qtz, rare lithics, hard-mod.       - " - "         hard, well cemented with calc. cement, no visual porosity       - " - " - "         CLAYSTONE       dark grey-brownish, silty carb, soft & dispersive       - " - " - " - "         CLAYSTONE       as from 1240 - 1245       - " - " - " - " - " - " - "         SANDSTONE       " " - " - " - " - " - " - " - " - " - "	7.0		=======================================							
CLAYSTONE       " - "         CLAYSTONE       " - "         SANDSTONE       " - "         SANDSTONE       " - "         SANDSTONE       " - "         mod. sorting, A-SA, dom. A, Qtz, rare lithics, hard-mod.       - " - "         hard, well cemented with calc. cement, no visual porosity       - " - "         CLAYSTONE, dark grey-brownish, sllty carb, soft & dispersive       " - " - "         CLAYSTONE as from 1240 - 1245       - " - " - "         SANDSTONE       " - " - " - " - "         GANDSTONE       " - " - " - " - " - "         dom. c, poorly sorted, SA-SR, dom. SR Qtz, rare pyrite rare         " - " - " - " - " - " - " - " - " - "	09	1	1 11 11	1	i	1	1	ı	ı	ŧ
CLAYSTONE       " - "         SANDSTONE       " - "         SANDSTONE       " - "         EANDSTONE       off white, greyish fine-medium, dom. f., poorly - "	7	<del> </del>	: :							
SANDSTONE " " - "  SANDSTONE, off white, greyish fine-medium, dom. f., poorly - "	F		- 44	=	ı	ı	1	1		1
SANDSTONE, off white, greyish fine-medium, dom. f., poorly - "	3	+-	1							
mod. sorting, A-SA, dom. A, Qtz, rare lithics, hard-mod.  hard, well cemented with calc. cement, no visual porosity  CLAYSTONE, dark grey-brownish, silty carb, soft & dispersive  CLAYSTONE as from 1240 - 1245  SANDSTONE " "	7		off white, greyish fine-medium, dom. f., poorly	-	1	ı	1	1	ı	1
hard, well cemented with calc. cement, no visual porosity  CLAYSTONE, dark grey-brownish, silty carb, soft & dispersive  CLAYSTONE as from 1240 - 1245  SANDSTONE " " - " - " - " - " - " - " - " - " -		<del></del>	sorting, A-SA, dom. A, Qtz, rare lithics,							
CLAYSTONE, dark grey-brownish, silty carb, soft & dispersive  CLAYSTONE as from 1240 - 1245  SANDSTONE " " - "		+	well cemented with calc. cement, no visual							
CLAYSTONE as from 1240 - 1245       "	m	<del> </del>	dark grey-brownish, silty carb, soft &							
SANDSTONE " " - "  SANDSTONE, off white, - colorless, translucent, v.fc, "	ω	<del> </del>   -	as from 1240 -	=		ı	1	ı	ı	ı
SANDSTONE, off white, - colorless, translucent, v.fc, "    dom. c, poorly sorted, SA-SR, dom. SR Qtz, rare pyrite rare  lithics, unconsolidated good intergranular porosity	7									
c, poorly sorted, SA-SR, dom. SR Qtz, rare pyrite ics, unconsolidated good intergranular porosity	7	10	off white, - colorless, translucent, v.f	=		ı	1	ı	ı	1
good intergranular			c, poorly sorted, SA-SR, dom. SR Qtz, rare pyrite							
		+	good intergranular							
		+								

### SAMPLE DESCRIPTION  #### SAMPLE DESCRIPTION  ###################################	VOUCE TERM	70 207	#1 DATE: 28/12/91 GEOLOGIST: V AKRARI PAGE: 13 OF 29			<b>S</b>	SHOWS			
### SANDSTONE STATE DESCRIPTION  20 CLANSTONE SILENCE dard grey-brownish, argillaceous, soft,  20 CLANSTONE SILENCE dard grey-brownish, argillaceous, soft,  20 CLANSTONE as from 1230 - 1260  80 SANDSTONE, very light brownish-grey, translucent, v.ff,  20 CLANSTONE as from 124-ab, dom. SA Qtz, rare black lithics,  20 SLUSTONE as from 1267 - 1270  20 SANDSTONE as from 1267 - 1300  20 SANDSTONE as from 1290 - 1300  20 SANDSTONE as from 1290 - 1300	1550g : <b>गगच</b>	CKEEN			9	AS			FL	JOR
20 CLANSTONE/SILTSTONE, dard grey-brownish, argillaceous, soft,  -1265 80 SANDSTONE as from 1250 - 1260  20 CLANSTONE " " " " - " " - " - " - " - " - " - "	ОЕРТН (т)	%		ОТАГ	C1	C2	<b>C3</b>	C4	NAT.	CUT
20 CLAYSTONE_SILISTONE_SILISTONE_S dard grey-brownish, argillaceous, soft,  20 CLAYSTONE_ as from 1250 - 1260  20 CLAYSTONE_ " " - " - " - " - " - " - " - " - " -										
20   CLAYSTONE as from 1250 - 1260   Mil   -   -   -   -		20	dard grey-brownish, argillaceous,							
20 CLAYSTONE " " - " - " - " - " - " - " - " - " -	1	8	as from 1250 - 1260	Ni 1		1	1	I	-	ı
### SANDSTONE, very light brownish-grey, translucent, v.ff,  ###################################		20	=======================================							
dom. f. well sorted, A-SA, dom. SA Qtz, rare black lithics,   rare pyrite, hard-mod. hard, well calc. cemented, no   visual porosity   visual poor   visual porosity   visual poor   visual poor   visual porosity   visual poor   visual	1265 - 1270	80	translucent,	=	ı	ı	-	ı	ı	ı
Tare pyrite, hard-mod. hard, well calc. cemented, no visual porosity   visual properties   visual vis			f. well sorted, A-SA, dom. SA Qtz, rare black							
visual porosity   visual vi			cemented,							
20 SILISTONE/CLAYSTONE, dark grey, argil., v. soft—dispersive " – – – – – – – – – – – – – 1280 80 SILISTONE as from 1265 – 1270  20 SANDSTONE " " – " – " – – – – – – – – – – – – –			visual porosity							
- 1280 80 SILISTONE as from 1265 - 1270  20 SANDSTONE " " - " - " - " - " - " - " - " - " -		20	v. soft-	=	1	ı		ı	1	-
20 SANDSTONE " - " - " - " - " - " - " - " - " - "	12/0 - 1280	08	as from 1265							
- 1290 100 <u>SILISTONE</u> " " - " - " - " - " - " - " - " - " -		20	-							
- 1300 50 SANDSTONE, colorless - translucent, f c. dom. c.  poorly-mod. sorted, A-SA, dom. SA Qtz, rare lithic uncon.  50 CLAYSTONE, dark brown, carb., silty, v. soft- dispersive  - 1310 40 CLAYSTONE as from 1290 - 1300  60 SANDSTONE " " - "	1280 - 1290	101	SILTSTONE " - " - "		ı	1	1	ı	-	l .
50 CLAYSTONE, dark brown, carb., silty, v. soft- dispersive       50 CLAYSTONE as from 1290 - 1300         60 SANDSTONE       0.25   0.25   0.25		20	- translucent, f c. dom.	=	1	1	ı	1	1	_
50 CLAYSTONE, dark brown, carb., silty, v. soft- dispersive       40 CLAYSTONE as from 1290 - 1300            60 SANDSTONE " " - "       " - "       " - "			A-SA, dom. SA Qtz, rare lithic							
40 CLAYSTONE as from 1290 - 1300 60 SANDSTONE " " - " - " - "		20	carb., silty, v.							
SANDSTONE " " "	1300 - 1310	40		0.25	0.25	1	I	1	1	
		09	11							

				T		- 1											Ī	
		FLUOR	CUL	1		ı		ı		ı		I.						
		F	NAT.	1		ı	-	ı	·	ı		1						
	•		C4	ı		ı		1		ı		_						l.
	SHOWS		C3	1		I		l		ı		ı						
		GAS	CS	1		ı		ı		ı		ı						
			CI	ı		1		ı		ı		1						
			TOTAL	Ni 1		=		=		=		=						
	WATER 28/12/91 GEOLOGIST V AKBABI DAGE: 14 OF 29		SAMPLE DESCRIPTION	<u>CLAYSTONE</u> as from 1300 - 1310	SANDSTONE " " - "	SANDSTONE " " - "	CLAYSTONE " " - "	O CLAYSTONE " " - "	SANDSTONE " " - "	O SANDSTONE " " - "	O CLAYSTONE " " - "	O CLAYSTONE " " - "	0 SANDSTONE " " - "					
	7 00 44	- CARE	%	80	20	70	30	70	30	40	09	80	20	-				
	WRIT. T. BOCCV CDRRV #1	TELLI. BOGG	DEPTH (m)	1310 - 1315		1315 - 1325		1325 - 1330		1330 - 1340		1340 - 1350						

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WELL: BOGGY CREEK #1	7 CREE	DATE: 29/12/91 GEOLOGIST: V. AKBAKI FAGE: 13 OF			GAS			IH	FLUOR
DEPTH (m)	%	SAMPLE DESCRIPTION	TOTAL	CI	CZ	C3	C4	NAT.	CUT
1350 - 1360	90	<u>CLAYSTONE</u> , dark grey-brownish, silty, carbonaceous, soft,	Ni 1	-	I	ı	I	ı	1
		dispersive							
	10	SANDSTONE colorless - translucent, fc. dom. medium							
		grained poorly sorted, A-SA, dom. SA Qtz, unconsolidated							
		good intergranular porosity							
1360 - 1365	80	SILTY CLAYSTONE as from 1350 - 1360	z	1	ı	l	ı	l	ı
	20	SANDSTONE " " "							
1365 - 1370	09	SILTY CLAYSTONE " " - "	=	1	l	i	1	ł	1
	40	SANDSTONE, light greyish-brown, v.ff., dom. f., well							
		sorted, SA-SR, dom. SR Qtz, rare lithics hard-firm, well							
		calc. cemented, no visual porosity							
1370 - 1380	10	SANDSTONE as from 1365 - 1370	=	ı	ı	ı	1	1	ı
	06	<u>CLAYSTONE</u> " " - "							
1380 - 1385	100	<u>CLAYSTONE</u> " " - "	=	ı	ı	1	ı	i	i
1385 - 1390	09	CLAYSTONE " " - "	=	1	ı	1	ı	1	I
	70	SANDSTONE, off white-translucent, fvc., dom. medium,							
		poorly sorted, SA-SR, dom. SR. Qtz, rare colored lithics,							
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WELL: BOGGY CREEK #1	CREEK		DATE: 29/12/91 GEOLOGIST: V. AKBAKI FAGE: 10 OF	10 OF 29			GAS			FI	FLUOR
ОЕРТН (ш)	%		SAMPLE DESCRIPTION		TOTAL	CI	CZ	ငဒ	C4	NAT.	CUL
		unci	unconsolidated, good intergranular porosity		Ni 1	1	-	ı	ı	ı	1
1390 - 1395	20	SAN	SANDSTONE as from 1385 - 1390								
	8		CLAYSTONE " " - "								
1395 - 1400	06		CLAYSTONE " " - "		•	I	1	l	I	ı	ı
	10		SANDSTONE " " - "								
1400 - 1405	30		SANDSTONE " " - "		ŧ	l	I	-	ı	ı	ı
	70		CLAYSTONE " " - "								
1405 - 1410	70		CLAYSTONE " " - "		14	1	ı	I	ı	ı	i
	30		SANDSTONE, colorless, translucent, VF-VC, dom. C. poorly		race	Ħ	ı	ı	1	ı	1
		sor	sorted, SA-SR, dom. SR Qtz, rare colored lithics								
		nuc	unconsolidated good intergranular porosity								
1410 - 1415	20		<u>SANDSTONE</u> as from 1405 - 1410			T	1	I	ı	ı	ı
	80		CLAYSTONE " " - "								
1415 - 1420	20		CLAYSTONE " " - "		=	E	1	ı	-	l	1
	50		SANDSTONE " " - "								
1420 - 1425	07		SANDSTONE " " - "		=	H 	1	ı	1	ı	ı
	09	<del> </del>	CLAYSTONE " " - "		*						

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WELL: BOGGY CREEK #1	CREEK	DATE: 29/12/91 GEOLOGIST: V. AKBAKI FAGE: 1/			GAS			FL	FLUOR
DEPTH (m)	%	SAMPLE DESCRIPTION T	TOTAL	C1	CZ	<b>C3</b>	C4	NAT.	CUT
1425 - 1430	20	<u>SANDSTONE</u> as from 1405 - 1410	<1/2U	<1/2					
	50	SANDSTONE " " " - "							
1430 - 1435	80	CLAYSTONE " " - "	=	=					
	20	SANDSTONE " " - "							
1435 - 1455	90	CLAYSTONE " " - "	=	=					
	10	SANDSTONE " " - "							
1455 - 1460	09	SANDSTONE, colorless, translucent, sugary, F-VC. dom. C.	-	=					
		poor-mod. sorting, A-SA, dom. SA. Qtz, trace pyrite and							
		lithics, unconsolidated, good intergranular porosity							
	40	CLAYSTONE, dark greyish brown, silty-sandy, carbonaceous							
		trace pyrite, very solft and dispersive							
1460 - 1470	20	SANDSTONE as from 1455 - 1460m becoming finer with depth		=					
	20	CLAYSTONE " " - "							
1470 - 1475	70	<u>CLAYSTONE</u> " " - "	=	=	ı	1	1	ı	1
	30	SANDSTONE " " - "							

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WELL: BOGGY CREEK #1	CREE	# T	<b>DATE:</b> 29/12/91	29/12/91		GEOLOGIST: V. 1	AKBAKI	FAGE: 10 OF 2	7		GAS			FL	FLUOR
DEPTH (m)	%				SAMPLE	SAMPLE DESCRIPTION	LION		TOTAL	C1	C2	C3	2	NAT.	CUT
1475 - 1490	06	1	CLAYSTONE, dark brown -	lark bro		greenish, arg	argillaceous,	silty occ.	<1/2						
		sandy,	rare	glauconite	ite and	and pyrite, 5-10%	10% skeletal	al debris							
		soft	soft-mod. hard	ard											
	10	1	SANDSTONE as from 1455 - 1460	s from 1	455 - 14	09				-			-		
1490 - 1530	100	Ì	SILTY CLAYSTONE	as	from 1475	5 - 1490			0.7	1.0	l 	1	1 .	ı	
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WELL: BOGGY CREEK #1	CREE	K #1 DATE: 30/12/91 GEOLOGIST: V. AKBARI PAGE: 19 OF 25			GAS			FI	FLUOR
DEPTH (m)	%	SAMPLE DESCRIPTION	TOTAL	ដ	C2	ငဒ	C4	NAT.	CUT
1530 - 1565	100	SILTY CLAYSTONE, meddark greyish-brown, commonly	2.3	415	20	0			
		carbonaceous, glauconitic, rarely pyrite, blocky -							
		sub-fissile, soft, dom. dispersive							
1565 -1575	100	SILTY CLAYSTONE as from 1530 - 1565, very glauconitic,	7.1	230	22	H			
		abd. f-c, dom. med. grains of dark green glauconite nodules			-				
1575 - 1610	100	SILTY CLAYSTONE as from 1530 - 1565	1.7	250	30	5			
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WELL: BOGGY CREEK #1	CREE	DATE: 31/12/91 GEOLOGISI: V. ANDANI FACE: 20 OF		0	GAS			FL	FLUOR
DEPTH (m)	9/0	SAMPLE DESCRIPTION	TOTAL	CI	<b>G2</b>	<b>C3</b>	C4	NAT.	CUT
1610 - 1635	100	SILTY CLAYSTONE, dark grey-brownish, rarely glauconitic and	.1	150	18	10	3		
		pyritic, blocky-sub fissile, medhard, becoming			-				
		increasingly glauconitic							
1635 - 1640	100	SILTY CLAYSTONE as from 1610 - 1635, very glauconitic		=		:	:		
1640 - 1670	100	SILIY CLAYSTONE " " - "	=	=	=	ŧ	=		
1670 - 1671	40	SILTY CLAYSTONE " " - "	30	2370	80	25			
	09	SANDSTONE, off white, greyish translucent, v.f-c. dom. v.f,							
		poorly sorted, SA-SR, dom. SR Qtz, rare pyrite common							
		argillaceous, slightly calcareous cement, poort vis. porosity							
1671 - 1673	70	SANDSTONE as from 1670 - 1671	0.3	1400	55	25	0		
	30	SILTY CLAYSTONE as from 1610 - 1635							
		DST #1 1673 - 1662m 31/12/91							
		Core #1 1683 - 1682m 1-2/1/92							

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WELL: BOGGY CREEK #1	CREE	#1 DATE: 03/01/92 GEOLOGIST: A. TABASSI FAGE: 21 OF 29		•	GAS			FL	FLUOR
DEPTH (m)	9/0	SAMPLE DESCRIPTION	TOTAL	CI	C2	ငဒ	C4	NAT.	CUT
1673 - 1682		Core #1 See Desc. for details							
		Trip gas 8 units							
1682 - 1685	90	SANDSTONE, light grey to off white, friable to loose, firm 22	7	4065	100	25	18		
		in part, med-vc, dom c, SA-SR, poorly sorted qtz, tr. disp.							
		arg. matrix, tr lithics, rare carb. det, rare pyr, good vis.							
		Ø interbedded/interlaminated with							-
	10	CLAYSTONE, med-dk grey, firm, blocky in part, silty in part							
		rare micro mica and fine lithics, rarely carbonaceous		;					
1685 - 1690	80	SANDSTONE as above 20		2600	100	25	6		
	20	CLAYSTONE as above	,						
1690 - 1695	20	SANDSTONE as above, abundant pyrite & calcite cmt, poor vis.	7	160	27	11	2		
	80	SILTSTONE, med grey-med brn grey firm, subfis, very arg, com							
		v. fine sand grains, tr fine mica, occ. very carb. tr black							
		coally particle, tr. pyr, interlam with minor vf-f sandstone							
1695 - 1700	70	<u>SILTSTONE</u> as above							
	30	SANDSTONE generally as above, becoming f med in part,							
		fair vis Ø							

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WELL: BOGGY CREEK #1	CREE	DATE: 03/01/92 GEOLOGIST: A. TABASSI FAGE: 22 OF			GAS			14	FLUOR
DEPTH (m)	%	SAMPLE DESCRIPTION	TOTAL	CI	C2	င္သ	<b>7</b>	NAT.	CUT
1700 - 1702	100	SILISTONE as above							
1702 - 1705	100	SANDSTONE, It. grey to It. brn grey, friable, mod hard in 5	۳.	940	35	12	TR		
		part, vfc., dom. med, SA-SR, poorly sorted quartz, com.							
		white arg. mtx, mod calc. cmt, tr dolomite and silica cmt,							
		occ. silt. lam, com. black coally particle, poor-fair vis $\phi$							
		no fluor.							
1705 - 1710	80	SANDSTONE as above dom. med, abundant arg. mtx, poor vis. Ø B	33	6100	180	45	18		
	20	SILTSONE as above grading into Claystone in part							
1710 - 1715	80	SANDSTONE as above, dom med to c., abundant arg. mtx, poor $\phi$	67	5300	140	35	12		
	20	SILTSTONE as above, grading into Claystone in part							
1715 - 1720	06	SANDSTONE as above	80	5200	140	30	6		
	10	<u>CLAYSTONE</u> as above, very silty in part							
1720 - 1725	80	SANDSTONE, lt-med. grey, friable, occ firm, fine, SA-SR well	62	11718	8 268	72	25		
		sorted qtz, abundant off white arg. (Kaolinitic) matrix,							
		com. non-dispersive Kaolinite grains, trace lithics, rare							
		altered felds (?) rare coally particles, fair-poor vis Ø							
		interbd. with;							
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WELL: BOGGY CREEK #1	CREE	DATE: U3/U1/92 GEOLOGIST: A. IABASSI FAGE: 23 OF			GAS			E4	FLUOR
DEPTH (m)	%	SAMPLE DESCRIPTION	TOTAL	12	<b>C2</b>	<b>C3</b>	C4	NAT.	CUT
	20	CLAYSTONE/SILISIONE as above							
1725 - 1730	80	SANDSTONE generally as above occ f-c, rare qtz overgrowth,	5.6	1040	40	15	2		
		tr. pyr, com mod weak cal. cmt, poor visual $\emptyset$							
	20	CLAYSTONE/SILISIONE as above							
1730 - 1735	80	<u>SANDSTONE</u> as per 1725 - 1730	4	6237	184	95	16		
	20	CLAYSTONE as above							
1735 - 1740	80	SANDSTONE, off white to light grey, speckled, friable, occ.	38	7087	200	48	19		
		firm, f-med, SA-SR, mod sorted multi-coloured volcanogenic							
		lithics and quartz, abundant Kaolinitic clay matrix, disp.							
		in part, tr partially altered feld com. weak cal. cmt. rare							
		pyr. and carb. det, very poor to poor vis. 0,							
		interbd/interlam with;							
	20	CLAYSTONE, off white to v. lt. grey, occ. beige, soft & very							
		disp, com. silt & v.f. sand grains, tr coally particle,							
1740 - 1745	70	SANDSTONE as above	9.	1700	09	30	7		
	30	CLAYSTONE as above							

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WELL: BOGGY CREEK #1	CREE	#1 DATE: 03/01/92 GEOLOGIST: A. TABASSI PAGE: 24 OF 29-			GAS			FL	FLUOR
DEPTH (m)	%	SAMPLE DESCRIPTION	TOTAL	C1	CZ	C3	C4	NAT.	CUT
1745 - 1750	09	SANDSTONE as above	6.9	1230	44	17	n		
	40	CLAYSTONE as above							
1750 - 1755	09	SANDSTONE as above	8.7	1417	56	27	5		
	40	CLAYSTONE as above							
1755 - 1760	20	SANDSTONE as above	8.3	1400	53	21	4		
	20	CLAYSTONE as above							
1760 - 1765	20	SANDSTONE as above	4	760	30	10	1		
	50	CLAYSTONE as above							

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WELL: BOGGY CREEK #1	CREEF	EEK #1 DATE: 04/01/92 GEOLOGIST: A. TABASSI PAGE:	52 .40 CZ :5			GAS			FL	FLUOR
DEPTH (m)	%	SAMPLE DESCRIPTION		TOTAL	C1	22	ဌ	C4	NAT.	CUT
1765 - 1770	07	10 SANDSTONE as above dom. med. grey,		11	1890	78	33	6		
	09	OCLAYSTONE, lt-med. green grey, occ. lt grey to lt. brn.	n. grey,							
		rare meddk grey, firm soft and disp. inpart, blocky	in							
		part, tr. multi-col. lithics,								
1770 - 1775	20	20 SANDSTONE as above		-8	1417	53	23	5		
	80	30 CLAYSTONE as above								
1775 - 1780	30	30 SANDSTONE as above		22	4070	101	26	19		
	70	70 CLAYSTONE as above								
1780 - 1785	30	30 SANDSTONE as above		12	1920	62	25	6		
	70	70 CLAYSTONE as above								
1785 - 1790	20	SANDSTONE, med-dk grey, speckled, apparently friable	with	65	10206	522	211	30		
		loose grains, med to c, dom. med, SA-SR, dom SR, well	sorted							
		volcanogenic lithics, dom med-dk grey and minor qtz,	no							
		apparent mtx, tr. weak cal. cmt, good vis $\phi$ interbd/								
	20	50 CLAYSTONE as above			_					
1790 - 1795	20	20 SANDSTONE as above			1323	40	14	Н		

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WELL: BOGGY CREEK #1	CREE	#1 DATE: 04/01/92 GEOLOGIST: A. TABASSI FAGE: 20 OF 29—		9	GAS			FI	FLUOR
DEPTH (m)	9/0	SAMPLE DESCRIPTION	TOTAL	ដ	CS	<b>C3</b>	22	NAT.	CUI
	80	SILTY CLAYSTONE, 1t. grey to lt. green grey, med. grey in							
		part, disp. in part very arenaceous, com. multi-col.							
		volcanolithics, sub-fis in part, tr. carb. det.							
1795 - 1800	30	SANDSTONE as above dom. med, com. disp. arg. mtx, fair \$\phi\$	23	4158	160	09	15		
	70	SILIY CLAYSTONE as above							
1800 - 1805	30	<u>SANDSTONE</u> as per 1795 - 1800	11	1984	90	18	3		
	70	SILTY CLAYSTONE as above							
1805 - 1810	30	SANDSIONE as per 1795 - 1800	22	4101	122	29	16		
	70	SILTY CLAYSTONE as above							
1810 - 1815	10	SANDSTONE as per 1795 - 1800	9.6	1040	40	15	2		
	90	<u>CLAYSTONE</u> , ltmed. brn grey, lt. olive grey in part,							
		soft-firm disp. in part, blocky in part, tr-com. multi-col.							
		lithic, rare f. carb. det,							
1815 - 1820	10	<u>SANDSTONE</u> as per 1795 - 1800	9.1	1420	51	27	S		
	90	<u>CLAYSTONE</u> as above							
1820 - 1825	25	<u>SANDSTONE</u> as per 1795 - 1800	12	2490	97	24	4		
	75	<u>CLAYSTONE</u> as above							

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WELL: BOGGY CREEK #1	CREE	(#1 DATE: 04/01/92 GEOLOGIST: A. TABASSI PAGE: 2/ OF 29			GAS	·		FL	FLUOR
DEPTH (m)	%	SAMPLE DESCRIPTION	TOTAL	5	<b>C2</b>	<b>C3</b>	C4	NAT.	CUT
1825 - 1830	30	<u>SANDSIONE</u> as per 1795 - 1800	3.7	099	25	12	tr		
	70	CLAYSTONE as above							
1830 - 1835	10	SANDSTONE as per 1795 - 1800	3	530	25	10	tr		
	06	CLAYSTONE as above							
1835 - 1840	40	SANDSTONE as above, dom. fine, dom. firm, poor-fair $\phi$	29.5	5100	255	55	30		
	09	CLAYSTONE as above, very silty in part							
1840 - 1845	50	SANDSTONE, off white to v.lt brn, grey fri-med. hard, vf-med,	20	3460	200	30	12		
		dom. f-med, SA-SR, mod. sorted multi-col. lithics, dom dark							
		grey tr-com. qtz. & partially altered feldspar, abundant							
		white arg. mtx, mod. cal. & silica cmt, tr. carb. & coally							
		detritus very poor vis. Ø							
	50	SILTY CLAYSTONE, off white, lt. olive grey, occ. med. greey							
		grey and med. brn. grey, firm, blocky subfis very fine sandy						·	
		in part, abundant partially altered feld & multi-col.							
		volcanolithics, slightly calc. in part, tr. coally particles							
		in part, tr. micromica,							

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WELL: BOGGY CREEK #1	CREE	: #1 DATE: 04/01/92 GEOLOGIST: A. TABASSI PAGE: 28 OF 29-			GAS			FL	FLUOR
DEPTH (m)	%	SAMPLE DESCRIPTION	TOTAL	C1	C2	<b>C3</b>	C4	NAT.	CUT
1845 - 1850	50	SANDSTONE as above dom. med, with tr-com. arg. mtx (the	37	6770	240	35	17		
		apparent mtx. is probably acting as grains in the formation							
		and appears as clay mtx. after being subjected to drilling							
		mud) poor-fair vis. Ø							
	50	SILTY CLAYSTONE as above							
1850 - 1855	40	SANDSTONE as above	=90	120U					
	09	SILTY CLAYSTONE as above							
1855 - 1860	40	SANDSTONE as above	22	3970	220	35	15		
	09	SILTY CLAYSTONE as above							
1860 - 1865	20	SANDSTONE as above with minor weak calc. cmt. only	37	5950	330	53	22		
	20	SILTY CLAYSTONE as above, dom. lt. grey to lt. green grey							
1865 - 1870	09	SANDSTONE as above	13	2450	55	20	7		
	40	SILTY CLAYSTONE as above							
1870 - 1875	40	SANDSTONE as above	4	755	20	8	2		
	09	SILTY CLAYSTONE as above							
1875 - 1880	20	SANDSTONE as above	7	099	26	13	7		
	08	SILTY CLAYSTONE as above							

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WELL: BOGGY CREEK #1	CREE	<pre>&lt; #1 DATE: 04/01/92 GEOLOGIST: A. TABASSI PAGE: 29 OF 29</pre>			GAS			H	FLUOR
DEPTH (m)	%	SAMPLE DESCRIPTION	TOTAL	CI	22	<b>C3</b>	C4	NAT.	CUT
1880 - 1885	20	SANDSTONE as above	2.5	375	22	12	7		
	80	SILTY CLAYSTONE as above							
1885 - 1890	20	SANDSTONE as above	2.5	370	20	1	9		
	80	SILTY CLAYSTONE as above							
1890 - 1895	20	SANDSTONE as above, occ. med. green & med. green grey	2	300	17	11	2		
	80	SILTY CLAYSTONE as above							
1895 - 1900	20	SANDSTONE as above	1.7	264	15	10	5		
	8	SILTY CLAYSTONE as above							
		The total depth of 1900m was reached							
		@ 1730 hrs. 04/01/1992							
	_								
	4								