700

RRQD is Rock Quality Designation. RQD=(Total length of cylindric cores longer than 10 cm///Total core length: x 100 // #LUGEON VALUE in 1/min/m under injection mater pressure of 10hg/cm/

^{*}DEPTH and ELEVATION are in meter *MAMETER is in millimeter

		٠.									
	DDIFT	1.00	~		or x		0. 0	~~~~		TTACIMENT-	11.9
DATE DEPTH	DRILL ROCK TYPE OR	COLUMN SECTION	J DESCRIPTION	ATION A	& AETER	WTER	CORE RECOVERY	SHEET R. Q. D. E MAX.COREL	WATER	OF 2 PRESSURE	1117
30.20	FORMATION	Z <u>a</u> z <u>a</u> z	Gray massive fine sandstone; muddy and includ, patched str	<u>₹0.10</u>		GRO	% [8	50 cm			
31,30 31,40	Sandstone Fine to	<u> 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. </u>	Gray laminated fine sandst. Fine to medium sandstone:				3 8				
33 34 33 65	Medium Sandstone	11	Some laminated				8 8	X	9		
85 125 135	Medium to		White gray medium to coasse massive sandstone. Cores are long and not bad.				8		V	3 1 10 11 3 1 10 11	0
36 	Coarse Sandstone		35.6 to 35.75 m; Finegrains and laminated.				8		15		
38			36.9 to 38.5 m; Fine to medium grains and including indistinct laminae.				8		10 0.3 51	tu .	
C 39 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				СН	()		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0	6 (o)	<u></u> ο
41 00 00 00 00 00 00 00	Pebble Conglomerate	9,00	Pebble conglomerate with matrix of white gray coarse sandstone. 41.75 to 42.1 m } Some lami		B., Double		<u>8</u>				
00 42 11 12 143 43 43.25		000	42.6 to 42.8 m) nated mediun 43.05 to 43.15 in sandst.		0 9		89		10 p	Lu	
45	Fine to Medium Sandstone		Gray laminated fine to medium sandstone; including siltst. laminae.		9		8		5 /	5 10 15	a
on 46 00 46 11 46.45									P.		
47	Medium to Coarse Sandstone	//,	White gray massive and mica- cages medium to coarse sandstone. 46.65 to 47.5 m; Some laminates	 					iτα (Θ) (Θ)	18 I	
Q 49,10	Fine Sandst.	4	47.2 m; Dark gray siltstone thin bad; 2 cm -thick. Gray massive fine sandstone				8		5 / o		- 0
50.00		- : - 4:	With Write (134) Pate (13t) 2tr.	50.00	11		100 100	20 met #15			******
					:						
7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											
		*:									

<u> </u>	ROJEC	r	SAPT GAN				·		DEPTH	40 M		ELEVATION		:
	SITE AGE COVE	CORE	DAMSITE B; F		NK COORDINATE :		20	44.0.43	INCLINATION	VERTICA		DRILL RIG		D-6
RF	COVE		99.3	No.	nate Luman				DRILLED	by KUMA	R	LOGGER	BY KIDD R KUMA	ZAW
(1)	E	ELEVATION	ROCK TYPE	COLUMN		ROCK CLASS	BIT & DIAMETER	HOUNDWATER LEVEL	CORE	t in the	WAT	ER PRESS	SURE TES	r
DATE	DEPTH	EVA	OR	C C C TIAN	DESCRIPTION	S S	: 3	CNDWAT	RECOVERY	R. Q. D &	7	LUCEON	VALUE	
~	٠: ا	13	FORMATION .	SECTION		30CK JECK	21.0	§	e; ce	50 cm				
					Upper 30 cm; brownish gray		TT	1.5	13 113	amiana		inoline	ofinación	mî
1		1 11		Δ	top soil.		99							
				.Δ	0.3 to 1.1 m; Yellowish brown		1 [Abolied Ri		
.5					micaceous soil with rock fragments.		1		in the		(ika/en/a		
			Overburden	A	1.1 to 5.7 m; Decomposed	1 1	9	1			o.	Constant F		
Q 3				<u>^</u>	rock fragments,		Single	1	100			i i di Violog	en Linh	
α				^_			1 1							Ш
MAR				a			Ē		10 m					4
-				Δ	5.0 to 5.7 m; coarse sandst.		Ξ							#
-	1			Δ.			99					Maximum) (oja Lenjih	ш
E.	5.70			Δ		5.70	\mathbb{H}		50		4		(cm)	
E					5.7 to 6.5 m; weathered and Weak very coarse sandstone	Cլ 6.50				in c''	4 -	-B.O.O. (%		
E 7				0	with a peoble and granule.	0.50	1 1	1	脚。					
F.,-	7	- :								4 100	۵			
8								1 1	100		10			
					White gray, massive and mica-			1				Y77 - Y	7.6 in ta 11.	
9					ceous coarse sandstone;			j						
					cores are generally long but not so hard.			1		知能而	Φ			
10		1.000	Coarse					1 .	Σ.	面散制剂	0	6 10) 5	0
-			Sandstone		10.5 to 11 m; peoble to cobble									
111					conglomerate.			}	H H	A 100 Miles	P			1212
E.,	114			Δ.	11 to 12.1 m; very coarse and	1 1			腳腿。		la la	/ 1 110	m to [15 m]	
1 5					including granules, pebbles	Сн					-1	7:11		
= 13		11 A			and soft rock patches.	*H			1 m		10			
AR.						100		1				-2.83 Lu		
2 14			1 1					***			51			
			47.47			1		14.35n ∑			1			
15				1				[Mar. 18	EEE TOO		0	5 1 10	1 15	a
E.	15.48				Bedding dips in 42°.					图影片 的	ρ			
16			Siltstone &	12.6	Dark gray and laminated.			1		444		1,1 1		讄
-	16.60		Fine Sandst.	1.80	11111111111		1				15			
17		1.5	Fine Sanost.	17.1.1	Upper half; muddy.	1 /	•	1	100			2.45 (1)		
1	17,60	1. 1	, ma vajnova,	7777	Dark gray and massive.			_▽ 17.70n			10			L
18		71.3	Siltstone &	1990	Dark gray and Laminated.			(Apr.7)	E E I	GILL THE T	-17			
~ 19	19.00	1.5	Fine Sandst.	1137	18.8 to 19.2 m, fractured.	18.70					5 0			
g F			17.1 a	/	Dark gray and massive.	1					· /			
ž 20			Fine Sandst.		Below 19.9 m; laminated with	C _M	_				0		j 15	ū
E.	20.25	ļ		1717	slickensides.	- M	Double	1		And a	P			
21		1.5		\ \ / \	Brownish and weathered with laminated and/or patched		Š	ľ						
1		٠.		\%\%\	structures.	21.30	: 8				15			
22			Fine	[^?'}^			D. 8		100 m		. 1	1.28 Lu		
[-			Sandstone	37			-	1			10	1 20.0		
23	1			mxm	Slickensides and fault clays are in places	CL	99	1			41.			
<u> </u>			2.3	Xiry.	are an process.						50			
				XXXX		24.40		1		196371 At 1	1			H
E.,		1		17.7					[編]		0	5	0 16	ä
	25.55			f/f	Bedtling slip with clay seam.	c				1 2	Р			iii
26	20.03		<u> </u>		Gray and massive.	СМ			Big of					H
2		1	La di A		Slickensides with clay seams	26.60		1						
8 27 27					are in places.	C. :		1 .	图图 🗴		ľ			
ĽĽ			Fine Sandstone			27.60						1.83 LG		
28		1			Below 27.65 m; Cores are									
L					rather long and not bad.						5 Υ			
29	29.10					сн		1	###poc					
	1		Fine Sandst.	2 4 4 4	29.1 to 29.5 m; patched.			1			0			H
E30	L	L	 	11/11	29.5 to 30.2 m; faminated.		نسل	<u> </u>	125211000	E TOTAL AND A	mi e	1-7-1-1	(identarial)	112
≉R.t	y.Dis R GEON V	ock Quality ALUE is 14	Designation, R.Q.D.= nin'm under injection	Total length	of cylindric cores longer than ID cm // ire of IOkm/cm²	Total cor	e čensti	h: → 100%	17			-		
₩DE	PTR and	ELEVATIO	ON are in meter	yrasu										
€DI	AMETEI	tis in mill	meter			:	1 . 2		1 1				+ 17	
1		1.15		1 : 1									1.1	
									100			100		

ſ	P	ROJEC	r				· · · · · · · · · · · · · · · · · · ·				DEPTI			ELEVATION		٦
-		SITE	CORE			COORDINATE	777074		;	·	INCLINATIO			DRILL RIG		
	RI	ECOVE			·	DATE	FROM		го :	l`e:	DRILLE	D 7		LOGGED		
	1	J.H.	EVATION	ROCK TYPE	COLUMN			SATION	FTE	WATE	CORE	0 0 0	WAT	ER PRESS	URE TEST	
.	DATE	рертн	ELEVA	OR FORMATION	SECTION	DESCRIPT	ION	ROCK CLASS- I FICATION	BIT &	CROUNDWATER LEVEL	RECOVERY	R, Q, D& MAX.CORE L. SO cm		LUGEON	VALUE	DEP
ı		Г			*****	30,2 to 30,5 m; fractu	red,	30.55	ΤŢ				T III	in in		Н
	31			Fine Sandstone	11	White gray and cross la	 eminated.				10		1			315
	32				11/			CM					15	4		
	-	32.60			1		N.	3260						f 23 LY		
	4 33	4			\bowtie	32.6 to 32.9 m; dark g laminated very fine		CL			10	2/4	-, c			33
١	~EI.			Fractured zone	\otimes	32.9 to 35.2 m; greening and weak mudstone	sh gray	lo.			i x	i i i i i i i i i i i i i i i i i i i	ō			34
	54 V		1.11		\bowtie	35.2 to 35.45; fine san		, D					7.			
1	35	3 <u>5.45</u>			$\otimes \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$			35 50			in a	Na H	P		1P 4	35
ļ	36				À	Gray and patched and	/or				E E		1/1	Ŋ.		36
	12			Fine Sandstone	1/1	laminated.							15	<i>t</i> - 1		
		37.60		4.4	5111					43.77			10	20.1		
	E359	<u>38 30</u>		Fractured		37.4 to 40.3 m; staine weathering.	d with	c _F			m o		17			32
	39					Brownish gray and ma	ssive.		Double		io.		1			39
١	S 200			Fine Sandst.	Δ Δ Λ	Patched structure.			°				ď	5 10	15 2	THE .
	\$ 40 40 41	40 50	5 2 3 2 22		A A A	7 Tatched stroctore.		40.20	iii				P			40
	₹ 41			Fine Sandst.	13/3	Gray, calcareous and laminated.			Σ		×		1	/		
	48			and Siltstone	13/1			-	_g				16	17.1		42
	-	42.50			11181				الا	: 1			10	7.4.66 92		
	43	4 - 1	1.154.5	Fine Sandst.		white gray, massive an micaceous	d			:	iα			/ I		門 .
	44			Fine Sanost.			1.	c _M					۱,			44
	45	44.65		31 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Comment.	Fault clay; 15 cm. thic	*k	"			, a		οV	E 10	15. C	45
	-									:: .			P			
- [-46	46.35				Gray and massive.		[[46
	47	11.		Fine Sandstone	177	Micaceous and cross					ı o		10	-1.62 Lu		172
	9 4			Danustone	1/2	faminated.		1.					10-6			
	48 V	48 25 48 65			XXXX	Fault clay		40.00					. 1			48
	7 49 7 8	49.20			1711	Dirty gray and muddy		48.80	8 0		pα		1			49
	A Z	49.75 50.00			۵۵۵۵	Calcareous and patche White gray and massiv	d. e.	С _Н 50.00	<u>8</u>		la loc		ρ	5 10	тβ 📑 α	50
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Ĺ	_ا_	نبا	L	Designation, R.Q.D=			<u> </u>			1 1						_الـا

RQD is Nock Quality Designation. RQD= | Total length of cylindric cores longer than 10 cm²/1 Total core length | 100% eLUGEEN VALUE is 1/min/m under injection water pressure of 101g/cm².

**DEPTH and ELEVATION are is mater.

**DIAMETER is in millimeter.

FORM-B

LOC

^{*}RQD is Rock Quality Designation. RQD=(Total length of cylindric cores longer than 10 cm)/(Total core length) x 100%. *LUGEON VALUE is Unindex under injection water pressure of 10kg/cm'. *WEDTH and RIEVATION are in meter

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				÷							•	•		
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		٠				2							IMENT-II.13	
	П			DRILL ROCK TYPE	,	G				81-4 CORE	SHEET		OF 2	11
	DATE	рертн	BLEVATION	OR FORMATION	COLUMN	DESCRIPTION	ROCK CLASSIFICAT	BIT & DIAMETER	GROUNDWATER LEVEL	RECOVERY	R.Q.D		SSURE TEST N VALUE	DEPTH
	3	30.70			119:1/4/1	Calcareous Gray patches	30 60		5	\$ E				8
	3	31.55		Alternation of	11/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	Gray laminated siltstone — (Fault with clay) White gray fine sandstone,	- C _M			2100		is 7		32
÷	13	3		Micaceous Fine Sandst.	17	(Calcareous) Incl. lignite small patches. 32.3 to 32.85 m. Darkgray.	32.50			lox		(0 / 1.0 (12.3 t.u		33
	2 3	34.60	1.	and Laminated Calcareous	1/16	33,45 m. Stickenside with clay seam.	cH			100		5		3/4
	30 3	35,30		Siltstone	477/32	Patched siltstone to fine sandstone (dark gray) White gray micaceous		6 <u>e</u>		100		0 5 7	0' 115 11	35
	13	6 <u>36.15</u>			111.0	sandstone Dark gray very fine sandst. Includ, stickenside in places.	36.10	Opuble		iii io		15		36
		37.25 8 38.15			911	(Minor fault with clay) White gray fine sandstone laminated.	CL	(D, B				10	e 10/4 La	30
	e 1	9	2 3 2	Muddy Sandstone	1.1	Weakness 38.9 to 39.9 m; Greenish gray massive sandy mudstone	38.90 C _H		F-1	ıo		5		38
	0 4	40.00			1/ 1/	Micaceous.	40.00	1.		100		0 5	(g 15 C	40
		-												
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4 4		-	* ***											THE THE PERSON NAMED IN COLUMN
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	l in													mulliment.
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LOG FORM-C	- indumination													,
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	PR	OJEC	r		SAPT GANG	DAKI PRO	JECT						DEPTH	50 M		ELEVATION		
41		SITE	COPE	D	AMSITE B: LEF	T BANK		COORDINATE	1		; ;		INCLINATION			DRILL RIG	TONE: UD5	
-1	RE	AGE COVE			99.3%	***		DATE	FROM F		<u> </u>		DRILLET	by NORSAL	ADUR	LOGGED	LY KIDD & KUMAZAWA	_
		Z	EVATION		ROCK TYPE	COLUMN			10 N	A O	BIT & DIAMETER	ROUNDWATER LEVEL	CORE	A	WAT	ER PRESS	URE TEST	I.
DATE		DEPTH	l X		OR	SECTION		PESCRIPT	ION	ROCKCLAS IFICATION	3MI	LEVEL	RECOVERY	R. Q. Ji & MAX.COREL 50 cm		LUGEON V	VALUE	
	1.1.	9	_ ਜ਼		FORMATION	ar.C1104				80C	101/	283	% (m	50 cm		v 20	30 43 S.S	[]
	_				Over burden	<u> </u>	Talus d		44,6									
	-4	1. 00		_ -		- 4- 4-		ovoish		ļ	86		100		111 1111			냽
FEB.11	2	1		-	11	. 1. 1.		own to yellow composed soft		'-						Applied P	essure	
н							4. 4. 1 L.									trene de la	Rate of Flour	H
	3			١	0		1	Frank State					200			[L]t/m pe		[3]
	-	. 14	, ,	1	Decomposed Rocks		57.5]]
	4							**	5.1			·	100					-
	5	+ 1											200					5
'n				П			. 5		100	D								
FEB.	6	**				7-1-18	\Yellow	rish gray very t	ine		- e	198	1111100					6
-	-			1		112	∫ sands	tone:		"	i pri							
	1			1			Pebbly		11.		B.S							H
ı	8			-					. :		Σ		100					8
		8.50	ļ	+			7 - 40 J.C.	<u> </u>	: -		99			ki ili		Maximum Co	ore Length (cm)	
12	==			-				gray massive earse sandstone		9 00			- P					卢
빞	10	2.1				3.0	9.5 m;	Includ, small	pebbles;				00		شهبر	ROD (%)		J
		1.		1			i)	subangular		:		10			P			H
	11	1 Pag		1	1.			ong cores but		CL] .	100					岨
	12			-			}	rather soft.	11.			-			15			
		4,				0 0	12,1 to	12.4 m; Peb	iles with	12.50		1.4						"
•	13		1.	1			sil	tstone patches					90	N	10	41.11		13
	-			-		11		m; Includ, a p 13.1 m; Indist				13.90			5			14
	14	1.5		-	Massive	1.7		mination.				FEB.16	1300		P			鬥
:	15				Coarse Sandstone							8:00 AM	1100		0	. j (þ	15	ls i
		1		١	Samstone	1	* * *		1. 1. 1.						P			
	16	. 1	١	-				e and long cor ut not hard,	es	:			1171100					増
	17		'	.				21 1101 11gitt.		Сн	9	1	1 00 O		15			1, 1
	1	11.		1		/		100			Double		四雅		io I			П
:	ાક	Ċ				/							111300			1.04 Lu		<u>16 :</u>
	 19		.	-					4		Σ Ω	Į.			5			
ω						/	19.35	to 19.5 m; So: ish	né green-		1.99				O-			
FE	20			-				20.4 m; Inclu nd small pebbl		10	"		100		0	5	1 18 11 11	20
		20.80				0 0 0		ia sinai peuoi	:	2040					, i			-
	4					111	Dark g	gray and lamin	ated.	CL 21. 50			100		- 1			
-	22	1			Very Fine Sandstone	1/1/6		22.55 m: Silts		25. 30			90		15			22
٠					and	1/1/1/		22.1 m; Black 22.25m; Dar			П	12.5			10	06410	ebalus (=
	23	e W		-	Silistone	1/1/2	122.25	to 22.55 m;Gr					111111100	HE 14 H 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.64 Lu		23
S	-	23.95		_[40/4/4		ninated. 23.45 m; Slak	ν.	Сн					5 þ			2
FEB.15		100		T	Fine Sandst.	444		nassive and mi			$\ \ $	ĺ					I Za	
Ä	25	24.70		-1	-		White g	ray, massive a		25.10		. :	<u></u> ∞		0	. 5	1.15	25
	\vdash			-	Madium			nicaceous. 26,35 m; Bro	enish and			11			7			-
	26				Medium Sanostone	I:x2	weal	k coarse sandst		C.	1 8					i		r
	27					X	26.4 to	26.7 m; Crack	γ.	26.70	Double		90 E		15			27
	Ē 1	27.70				11111	Below :	27.3 m; Lamin	ated.	'					اما			
	28]	7	Fine	77.77	Well lar	minated fine s	indst.		В		in income			1 69 Lü		æ
(6)	29	. 4:			Sandstone	1/1	fe	28.6 m; Silty e ossile leaves.		Ci.	II. –i							-
8 16						11/1/2	Slic c	kensides along ommon.	laminae		8							
Ш	30	29.75	<u> </u>			777		g dips in 35°	<u> </u>	1	11	<u> </u>			0	\$ 16	### M	30

[©]FIRMON

#RQD is Rock Quality Designation, RQD=(Total length of cylindric cores longer than 10 cm//Total core length x 100.

#LUGGON VALUE is I 'min'm under injection water pressure of 10/ng'cin'

#DEPTH and FLEVATION are in meter.

#DEAMETER is in millimeter

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				· · ·		7									
	·				DRILL	LO		Н	OLI	NO.B	881-5	SHEET	e a fill of a control of	NT-11.15 F 2	
	ATE		обрти	ELEVATION	ROCK TYPE OR	COLUMN	DESCRIPTION		BIT &		CORE RECOVERY		WATER PRESS	URE TEST	
	Ď		원 90.40	SH H	FORMATION Mudstone	SECTION	Greenish gray and massive	ROCK	BIT	31 CR0UN	3. /cs		LUGEON	VALUE E	
		31	s2.3ò		Patched like Breccia.	Δ Δ Δ Δ	Greenish mudst, and pale brownish gray calcareous siltstone are patched each other; hard.	30.70			95 11 11 10		16	X 28	
	1,	33			Sandy Siltstone		Pate greenish gray balcareous, laminated and hard. 32,4 to 32.9 m; A vertical crack with calcite seam.	В			φ and a		(p)	Z III	
	FEB	35	34.30 35.55		Mudstone		Greenish gray and massive, and staky, Lower part; frictud, patches,	34.20 C _H 35.00			α		5 10	β (15) (15) (15) (15) (15) (15) (15) (15)	
	FEB.18	37			Very Fine to Fine Sandstone	1//	Includ, green patches, Below 36,6 m; Laminated, Includ, feddish and greenish thin bands.				00 100 100 100 100		15 0.89 Lu	36 37	
		38 39	38.30		Fine Sandstone	1.1:1.7.	Below 37.9 m; Dark gray siltst. Upper: Massive and muddy includ, black lightic spots. Middle; Patched.	Сн	e)		iox		5 (%)	38 39 0	
		41	40.20 L30			113 A A	Lower; Laminated and silty. Greenish gray and massive. Includ, small patches.	to ,B.	B. Doubl		ICX IOX		\$ 10 P	15 46 47	
	FEB.19	-	42.05 42.50 43.20		Fine Sandstone	4///	White gray, massive and micageous, Pale brown siltstone patched. Cross laminated.		66 f D.				15 10 3 1.14 Lu	12	
		45	14.05 45.30			91/1/1 7/1/1/2	Silty and well laminated Includ, fossil leaves. Dark gray massive and micaceous. } Leminated.				ix X		o 5 10	44 - 0: 15 45	41
	FEB. 20	16			Fine Sandstone	33.34 13.135	Calcareous, silty and well laminated.				lox IX IX IX			76 46	
	L		47,90 48.60		Mudstone	2199 [7]]	47.9 m; Bedding slip fault with 2 cm thick ctay. Greenish gray and massive. with black lignitic (tagments.	47.40 C _L 48.60				i X	1 8 Lu	46	
	'FEB 21	49 50	19.7 <u>0</u> 50.00		Sandstone	Δ·Δ·Δ· Δ·Δ·Δ·	Muddy fine sandstone with calcareous patches, White gray medium sandst	B 50.00					0 5 ID	49 - 0 1β 50	
									;						
		1													
										i i					HOLE NO Bai-
		madani and inc								. 1					0. B81-5
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HOLE NO. B81-6

SHEET NO. 1 OF 2

٠.	-	PF	OJEC	r	SAPT GAND	AKI PROJ	ECT	***************************************					DEPTH	30 M		E1 EVATION			
			ITE		DAMSITE B; F	RIVERBED	: .	COORDINATE	:		:		ENCLINATIO	VERTIC	۱L	DRILL RIG	TONE;UD-6		.: '
	ÁV	EŔ RE	AGE (CORE RY	3	34.4%		DATE	FROM	FE8.20	TO M	AR,26, 182	DRULE	by M. KI	DO	LOGGED	by KUMAZA	WA	
	7	÷.			ROCK TYPE	Carrie Carrier					% E3	TER	CORE		1 .	CO ODLEC		T-1	٠.
	DATE		Ë.	TE .	OR	COLUMN		DESCRIPT	ZOF		/ET	LEVEL	RECOVERY	MAX. CORE LENGTH ON BOULDERS	""		URE TEST	誾	
	à	4 -	DEP	ELEVATION	FORMATION	SECTION	4		4, E.S.		BIT & DIAMETER	ROUNDWATER	2,	BUULDERS		LUGEON	VALUE	빎	
	-	\neg	 -		 						11	River						Н	
13	ģ	٦,				0 0	1.5.1		13		101	Water	40						
•			3		1 1 1 1			7.6 m; Gravely iding boulders			86	Level; 1.0 to 1.5							
	7.0	5					q	uartzites, meta		nes and		mater above the	40					2	1
+ [-	100		1		y.	ranites).	٠			Surface of sand							
- 6		3				O		**				and gra-	10					믬	1.1
	7	4	4.			<u>e</u>			:			vels.	40					1.1	
٠.	F.E.B		Ġ.			0													
. 1	23	5	:			0.0							10					5	
	Ŀ	٠,																-	
	22	٥	14					1.5					3					H	:
	Ŀ	7		1		0 :	1.		٠,				15						
		_				8 O		100	10 mg			100							
		8	: 1						معند است.				25	/				8	
	26	-			Riverbed Sand and	7,777		14.0 m; Sandy uding tertiary :				100							13.
	EB				Gravels			ragments.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									1	
	_ <u>t</u>	10				<u>_</u> _												10	, i
	B 27	_						1.4											1.
	FB	11			.]				. :		ole)		0					11	
		15	1 1		1	7.7.	:				Dou							1,1	
- 1								14.9											
		13									ă		20					13	
	8	-	1				10				66(D								
	EB	14					14.10.2	0 m; Sand and	oravels	* •	9		5					19	
	ü	15					14102	o in, cano ano	gioteis.		Ē		30						
1.1											š								43
	Į	16									-		30					16	
	· [-									63							-	
		17				<u>-</u>	Age of the		1				15					愲	
	MAR	18	٠.,								Casing		10					1,8	
	2		1 1											.					
	Σ4	19	1:	1									25					19	
		_]					20 to 3	2 m; Gravely				11 1	 						
		-20				1- a	Inch	uding boulder:		nlγ.				N###				14	
: .	MAR II	- 2ì				0.0		inds of boulde partzites (don					90					21	エ
	켷	<u>:</u>	us Grand) se	chists.			1.50							.	10
	8	22						ranites. ertiary sandst.	(rare)				70					22	₹ 7 j
	MARI	_								·			an Re	h i i i					NO
	E	- 1		[4] A	-1	• 0	·											11	l'
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	MAR 19	-				0							90 50					24 25	თ
	Σ	25				0							50					鬥	1
<u>.</u> : :		;	44				}						50					26	
	ΔR	_					: :												: -
2	2	27	1.7			0		e de la companya de		. 5			1 50					127	
2	WAR 21 MAR 20	-	1			0 .	l		<u>.</u> . 11	:								26 27 28	:
3	48	20				0		21			:								
ַ רַ		29											50 50 60 60 60 60					S. 1	
	:			1.00		0				·								# 4	1
: :		30	1.11		1 1 1 1 1 1 1 1 1 1	\cup	1	4 1 1 1 1 1 1 1			ш	11	附 相 60		45.1			#130	L.

MRQD is Rock Quality Designation. RQD=17stal tength of cylindric cores longer than 10 cm1/(Total core length) x 100% RLUGEON VALUE is 1/min/m under injection water pressure of 108g/cm/ MDEPTH and ELEVATION are in meter MDIAMETER is in millimeter

HOLE NO. B81-6 SHEET NO. 2 OF 2

		PROJ	EC.L.								DEPTH	Hill E	ELEVATION	
	100	SIT					COORDINATE	: .	:		INCLINATIO		DRILL RIG	
	AV.	RECO	CORE YERY	1		1	DATE	FROM	то		DRILLE		1.0GGED	
	DATE	DEPTH	ELEVATION	ROCK TYPE OR FORMATION	COLUMN		DESCRIPT	100	BIT &	GROUNDWATER LEVEL	CORE RECOVERY	MAX.CORE LENGTH OF BOULDERS 20 cm	WATER PRESS LUGEON V	[<u>-</u>]
	AR 2	31 32 - 33		Riverhed Sand and Gravels			33.7 m; Sand a dominant.	nd gravels;	31.0 % (31.0 %		는 영화 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등			31 32 32 33
	26 MAR 25	34 35 36 36 (20				34.5 m; Micaco	eous sand layer. d gravels.	56 (D.Bit ; Double)		20 30 30			36 35 35
:		-												
:														
.:														

R.Q.D. is flock Quality Designation, R.Q.D. I Total length of estimatic cares longer than 10 cm// Total care length: v, 190% *LIGEON VALUE is Vein/a under injection nater pressure of 10kg/cm.
**DEPTH and ELEVATION are in meter **
**ADIAMETER is in millimeter

LOC FORM-B

7		ROJEC SITE		SAPT GANDA DAMSITE C;			COORDINATE	T :	 	:		DEPTH			DRILL RIG	TONE UD-5	-
٧		ACE ECOVE	CORE.	98	1%		DATE	FROM	FEB 23	го м	An.3 '82	DRILLE			LOGGED	DY KIDO &	
	ı ^{K!}	LCUYE		TAXABLE PARTY NAMED IN	<u> </u>		Lames -		TT 21		· ·	-		777	1		4
넌		£	ELEVATION	ROCK TYPE	COLUMN		D D D OD (D)	Classi	ROCK CLASS	BIT &	JROUNDWATER LEVEL	CORE RECOVERY	R. Q. D		TER PRESS	URE TEST	
DATE		DEPTH	2.5	OR	SECTION	1.0	DESCRIPT	HUN	IX 회	- K	UNDWA	PECOLEKI	MAX.CORE		LUGEON	VALUE	٠.
_	L		ᇳ	FORMATION					§ =	20 10	8	% ca	50	ឈ្ម	10 30	30 D S	٥
	-		1.1		-15	1.3				86							ij
Ì	L						i brown soil;					THE POO					H
	Ė.		1.5			_ mica	ceous Ioam.										ľ
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	3]						41.8	1	-						Sa Discussion	Ì
	Ē_	1 1 A		Overburden											(kj	cin' II i	
	Ŀ		1.		= = .						1				a_c	sian Bate	ii ii
ú	Ė.		24				own colored	* •							of	low L	i
	-3					and	silty.										į
	6						* * *	1.	1 1			100	di ne w				
ю	_		1111		玉田		1.										Í
В	Ę7.						4.00			-							
Ξ	Ē.				2 0	7.5 to 8	3.6 m; Terrace			ngle				4			
	8				00		el: includ, box		\ \	Si	il I						i
	9	8 60		 	00	Yellow	ish gray to ga	te brown	 	00		∭ 5					Ċ
				1			sandstone;			≥	4						
	ĪO		1			mica	sceous.			66 1		60					
	Ĕ.,	10.50	1.		777		1-1-		- l	(º		le ell					
ŀ	=	1	4,	Decomposed	1130		red and decon tone; brownis				i						ii.
4	12			Rocks	11/1	3013	torie, didivins		1								į
Ē9.		12,30	: 11		1-1-9	·			ט	lil	1		<u> </u>				ã
u.	13						posed sandy Istone	100				100					11.
.	14	13.40					rish gray silest		1 1								7
٠.,	Ë				17 11		fine sandsto										Ī
٩,	5	14.90			1:11	frac	tured and dec	omposed,	14.90	Ш	1	100					
				Sandy	1///		sh gray and m	assive	C _L	\vdash							
	5			Mudstone	17/	slak	y and weak.	1	16.00	Ţ		lo	- \	, [4			1
	Ē.,	16.90				tnclud.	black lignitic	fragments									
ŝ		17,40	- T	Sandstone	4 4 4	Gray, r	muddy and pa	rched	1.				F 13 VE		⊢Maxiniuth	Core	
FEB	F1 10	18.00		Siltst, & Sandst.	11.15	Lamin	ated		7: [ю			Length	cm)	
÷	L	18.50		1	1.11	Muddy	and includ: L	rown spot	s. · ·				直		R Q D (%)		
÷.	19	19.05			4 4 4 4		massive fine s	andstone.]].	THE IO		HI.L			1
. / 	ŀ,	19.45		6	4 4 4 4		d structure		-								
13	F	1		Sandstone		MIBSSIV	e fine sandst-	, P			₩20.40	iii iioc		ii e			i
	21	20.85	ļ						 		720.40 MAR.3						
Ď.	Ē.	21.25			1.///		eous brown pa		c ^H	1.4				라() : []			
Ĵ	22	1	1	Fine	111%	 -	and cross laini			Double		11.1100	H N			$+ \mathcal{X} $	ii.
÷	2	22.70		Sandstone	4//		۔ - کی موجیعی جرائی			o o				10			
	£	23.00		00.1350110	A A		patched cous and white	e gray	1		1 :			X			i
Ň	24	23.75			ά ά ά ά	sandst	one patched patched.		$\cdot \cdot $	0.0		Hillion					i
111	Ł			Laminated	Polist	Gray	and well lamin	ared	:	6 (1 6			ı. }
u	25	5		Fine Sandst.	11/1/19		m; Brownish late dip 20° to			99		i	114		5 10	j. Ib. ji. ji.	Ė
W.	-	25.90		and Siltst.	(41.97		to 25.90m; 8							111			H
1	26	1	3 1 2 E	Muddy	77777		gray, massive a		C 26.40			H	i ka				i
j.	E	\$6.60	 	Sandstone	1111	mic	aceous: slaky		_		1			: 15			Ţ
	E			Fine	12.5		gray, massive								0.64 LU		ij
27	20			Sandstone	4 a		aceous; with	1	В		1.0	III lo		\$11			ij
FEB	E	28.50	1		4 6		fignitic fragm		1								H
_	29	29.40	Page M	I	1/1//		gray and lani		29.30				間間筋				1
	F	J	100	Sillstone	7777	Dark i	gray; with bio y sandstone	wa patene	3		1	開闢.		1 0	1 6 1 12	15 11 11	1

[#]RQD is Rock Quality Designation, RQD=(Total fragith of estindric cores longer than 10 cm//tTotal core length; x 100% #LUGEON VALUE is I/min/m under injection water pressure of 10kg/cm*

**EDEFTH and ELEVATION are in meter

**ROHAMETER is in millimeter

			DRILL	LO					381-7	SHEET	NO. 2 OF 2	in the second
Щ.	E.	TION	ROCK TYPE	COLUMN		NOI	R. T.E.R	WATER EL	CORE	1000	WATER PRESSURE TEST] E
ă .	DEP	3LEV#	1	SECTION	DESCRIPTION	OK CA	IAME TAME	LEVI		R. Q. D	LUGEON VALUE	DEPT
E	30.70			777		S ::	ΤÎ	5		arion		<u> </u>
31	31.10		Sandstone	ع فرق و	Brown siltstone patches.				iii to			31
32	1.		Muddy	1/4/4							15 / I	32
33	."		Sandstone	1//	Brown and gray colored				₩.		0 /	
<u>.</u>	3320			- 2.9.						li Xii	A Paru	
oof.		- 11		" 7	micoceous sandst.				i o		V = -1	34
	1,70			1.	33.3 to 33.6 m; A high dip				() ()		° 5 10 15	36
36	1.		Medium		crack (82)				101			36
	. · · ·		to								15	
F			Coarse								10 / 1781.0	3/
38	38,35		Senustone	11/3	and laminated.	C _H			THE STATE OF		Y I	38
_ 39					(Bedding; 32° dip)		uble	1.7	lox		5 7	39
₹40				سندر	20.0	12.5	1		100		° 8 19 8 °	10
41	1:	100			fragment.				臘。			
F	. • :				40.0 m, Black lignite		-	. :			16	11
E							99				∫081 3	42.
43	43.10				Rock condition; Good			- *	Hillo			43
			Siltetone	Δ. σ. σ	patched - like structure;				10			44
8 W 45	10		Patched	4444.	subroundness to patched: like shape and mostly						0 5 0 5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
-		17.5	Layer	۵۵۵	pebble size.			1			3	
46	46 60			D & D	Matrix: white gray micaceous coarse sandstone.				10			46
17	,,,,,,	· · : .			White gray, massive and				- 1210		1/2810	42
48			1 '		Bedding dips in 35				A P		10 7 1 1 1	48
m 49		1 1	Sandstone	1111	48.7 to 49.0 m; Fine and laminated sandstone.						3// <i>/</i>	49
뚬.	2			11/1	Medium sandstone							
- 500	20.00					150.00	1_1		in in io			50
-	1											
					Her control		-					
						194.1						
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						11						1
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THE STREET							٠.					
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						ı				trial trials		81.3
سلسلسلسا								i.				
	AR3	R3 MAR 1	AR 3	1	Section Sect	30.70 Sandstone 31.10 Sandstone 32 Brown siltstone patches. Brown siltstone patches. Brown siltstone patches. Brown and gray colored. patches. White gray and massive; mlogoeous sandst. 33.3 to 33.6 m; A high dip crack {82 } Medium to Coarse Sandstone 38.0 to 38.35 m; Medium grains and laminated. [Redding: 32' dip) 39.8 m; Includ. a lignitic fregment. 40.0 m; Black lignite lamina in 3 mm thick. Rock condition; Good Gray to dark gray siltstone patched, like shape and mostly pebble size. 36.4 a a a a a a a a a a a a a a a a a a a	ROCK TYPE OR SECTION DESCRIPTION BY SOLUTION OR FORMATION SECTION 30.70 Sandstone 31 30.70 Sandstone 32 Muddy Sandstone 33 33.20 Sandstone 33 33.20 Sandstone 34 Sandstone 35 Sandstone 36 Medium 47 Coarse Sandstone 38 O to 38.35 m; Medium grains and laminated. 48 Coarse Sandstone 49 (Redding; 32' dip) 40 Siltstone 40 Siltstone 41 Siltstone 42 Sandstone 44 Siltstone 45 Siltstone 46 Solution: 46 Solution: 46 Solution: 46 Solution: 46 Solution: 46 Solution: 47 Medium to Sandstone 48 Coarse Sandstone 49 Solution: 59 No Por Not State In State	ROCK TYPE OR DESCRIPTION OR DESCRIPT	Brownish gray and massive and massive and fing cores. Sandstone Medium sandstone Socool Medium sandstone Socool	ROCK TYPE OR BESCRIPTION OR DESCRIPTION OR SECTION DESCRIPTION DESCRIPTION OR SECTION DESCRIPTION OR SECTION DESCRIPTION DESCRIP	BOOK TYPE COLUMN OR DESCRIPTION OR SECTION DESCRIPTION DESCRIPTION OR SECTION DESCRIPTION	B

oneki <u>No</u> HOLE NO.BBI-8 SHEET NO. 1 OF 2

VER	SITE	ORE	DAMSITE A R		IK COORDINATE ;		1		DEPTH	VENTIC		DRILL RIG	TONE; U		
RE	AGE (99.7	* '	DATE FROM !		*****		DRILLED	by M. KID	00	LOGGED	by KUMA	ZAV	¥A
	ОБРТИ	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	ROCK CLASS-	BIT & DIAMETER	SROUNDWATER LEVEL	1 - 1	R. Q. D & MAX.COREL 50, cm	WAT	ER PRESS		r H	DEPTH
1	<u>5_30</u>		Top Soil		Dark brown.	0.30	86	4.5 in	30				iimniin	mil	-
Ш				A	Yellowish gray and patched.		199	abova (Spring	70		, p	Applied Pee	sve .		
[-]	2 10	30		4			8.8	from			ń	(kg/cm*) Coastent Re	T of Flow		,
* 1	2.67			11%	Laminated and cracky.	-	1 99	32 m. in depth)		3		(Cil/n)(n xe	Yml III		Ì
H			ତ Fine ଅ Sandst.	144	Yellowish gray and massive.	-			200	Mar I		MakteeniiG	ete Camato		3
	3.60	100 10	ë		Gray and massive; calcareous	CL						RCO			
	4.75		Weat		and hand. Cracks are rust-colored.										
H	.5.20			1181	1.aminated			' '							5
6	5.85			7.1.1.	Silty. Includ. fossile leaves along larning	24			95						6
	6.80	en de Santa	Mudstone	(XXX)	Greenish and weak. 6,15 to 6.8 m; Fractured.	6. 50					15				
M	7.30			Δ Δ Δ	Patched.]		7.15 ♀	11.95	l kasi					7
В			Fine Sandstone	111	Gray and well laminated.	См		Nov.19 8:30 AM	K		10				8
<u>[</u> -	B.60			11/1	7.73 m; slip fault clay; 2cm.	ا ِ ا					3				-
1	9.00		Sitstone	14111	Dark gray and laminated. Gray, massive and very fine.	9.00		181			- φ	O u			9
Ø	9.97		Fine Sandstone	77.7	Inclind some sittstone patches.			1			Ÿ	\$ 1 ID			90
	18 63		Siltstone &	(1)// (7):	Laminated. Calcareous										3
П	11.38		Fine Sandst.	Sec. 6	Dark gray and laminated.					liyh					1
[P	11.78			7.7	Gray and massive. Laminated.	-			$-\infty$						12
			Fine	1	13.2 to 13.3 m; Creck with folding laminae.	1					lo i				13
	13.76	n in the second	Sandstone	$ \mathcal{M}_{T} $	13.4 to 13.6 m; Rather weak; with slickensides.	Сн									ľ
	14.27		Fine Sandst.	17.05	White gray and massive.	1			13.11.00	3 2 1	þ	1410			14
5			Medium to	111	14.3 to 14.75 m; Indistinct	1					0	1 5 1 90	1.15.1	o	15
П			Coarse Sandstone	9 0	laminae.						9				
15		:	Sandstone	o	15.3 m; Includ, pebbles. Micaceous.	1			100			- 1/1			16
17	16.88	4 - 4 - 1		11.7	Including pebbles	16.70 CH			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mile.	15	7			17
El	17.76	3.1	Mudstone	1///	Greenish, sandy and massive. Includ. lignific small fragments	1760					10	71			
					Gray and calcareous siltstone	1.1	ble.		001 TE			230			16
[₁₉]				Δ	patched.		Dou		11 IF 100		5 ø	5.3 60			19
	19.40		Fine .	. 7.	White gray and laminated.	- 1	Β.				Ľ	5 10		o.	اً۔
[]			Sandstone	1.17	Laminae dip in high angle of 70°		٥		100		P				20
				37.	21.1 m; Fault clay 2 cm-thick. 21.32 to 21.45 m; Fractured.		99		100		4		ZI.		21
	2L 45		}		Gray and massive; with	1 1	"				:15 ::-		4.4		-
	22 65				lignitic small fragments.				100						22
23				14000	Bedding slip with clay seam of	1						/			23
24			Medium to		2 mm thick						5	Ø7.2 Lu			20
			Fine : Sandstone		White gray and massive.	Сн				MEETIN	V			Q.	24
25			Outtracting								0	,	::[]!!!\$:::[][]		25
26	25.80		Panhla C	74 - 4 -	locked effectors account								1,4'		25
	26.20	12	Pebble Conglo.	600.0	Includ. siltstone patches. White gray, massive and	-					16		ИÜL		ľ
24			Coarse Sandstone	100	micaceous,				\$ 100						27
2			ad:iustone		Some laminated and including some small siltstone pebbles.			1.5			jd	1/2			з
	28.30	2		" "	28.3 to 28.4 m; Fractured.	-			圖劃「		5				[-
129	28.68 29.20		Mudstone	4/4/		1		1			1				29
} <u>-</u> 30	d,		Siltstone	10/10/	Dark gray and patched; Calcareous and very hard.			<u> </u>			Ç .	\$ 10	ili (biili)		30
#LUV EDEI #DRA	CEON V	ALUE is 1/2	im/m under injection N are in meter	(Totel length	of eplindric cores fooger than 10 cm ¹ /: re of 10kg/em ²	Total cor	e lengti	ht ≼ 100 %							. T

LOC FORM-B

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				DDILI	ΤO	^	. 1	IAI Y	2 MOD		CHEDE		MENT-11,21	
		2 0	-	DRILL ROCK TYPE	COLUMN		4 10 10			CORE	SHEET		OF 2	
	DATE	DEPTH	ELEVATION	OR FORMATION	SECTION	DESCRIPTION	ROCK CLASS IFICATION	BIT & DIAMETER	GROUNDWATER LEVEL	RECOVERY			VALUE	рерти
٠.	1111	30.15 30.15		Calcareous	4/1/9	Caminae dip in 42°	E -	ĪĪ	9				M	\$
: -	القساس	31.50 12		Siltstone		Dark gray calcareous shafe.				3		15		32
		7 '		Fine to Med. Sandstone	/ 6/6/6	32.3 to 32.6 m; Patched. White gray and micaceous.		(0		io Io		lo	20,41	335
	82.73	33.58		Siltstone	W.	Well laminated,	CH.	Doub		0		هر [5		34
	NON			and Fine Sandst.		includ, some fossife leaves along laminae.		n O		Q M		0 5 1 1 P	9 15	35
	V. 21	٦		Fine Sandst,	17	White gray and laminated.		99		10		15		36
	NON	37.60			Ø [-1	Fossile leaves blackish laminae. Some greenish and massive.						10 p 2.2 Lu		37
	22 132 141	38.65		Mudstone	1/1/	Cracks tleveloped by slaking. Gray calcareous siltstone		1		H K 10		5		39
44	NOV.	0 4000			12/2/2/	patched. 38.65 to 39.35 m; Breccia like.	<u> </u>		11.5	1,1210		o/ 5 1	Q 15) 40
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	عستسلا							3.						
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HOLE NO.B81-9 SHEET NO. 1 OF 2

-	ROJEC	r T	SAPT GAN	IDAKI PRO	JECT							DEP	TH	40			ELEVATION		
	SITE		DAMSITE	A; LEFT B	ANK	COORDINATE	,	4 4				INCLUS.	ATION	VERT			DRILL RIG	TONE	UD 5
I I	RAGE ECQVE	RY		80.4 %	: .	DATE	FROM C	ct. 23	TO N	ov. 3		DRIL	LED	by M.	KIDO	j .	LOGGED	ьу КО	MAZAW
	æ	2	ROCK TYPE	социях				ROCK CLASS IFICATION	3 H	431		COR	F			WATE	R PRES	SURE TE	st L
# TWG	рертн	ELEVATION	OR	COLUMA	100	DESCRIPT	ION	균통	BIT & DIAMETER	ROUNDWATER	TEVEL	RECOY		R. Q. 1	PΒ		UGEON		
1	ä	3	FORMATION	SECTION				8 5	BIT	806	-1.	4		AAXCOR 50	E1.		.cers.com	141.06	ءً [
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				1.7.		e; not soft.										1	6 4	10005	0 -
ö 2	5 25.30				1	in the second				1.			loc.	VΉ	44	Pi			2
Ε,	25.80		Siltstone	11/1/2	`slips ald	ay; some hard ong laminae.	the second of the second]	$\ \cdot \ $				ıod	Kill:				اللالر	
Ě	26.55	12,5	Sandstone		Greenis	n gray, massiv micaceous	e, mud-] : [1		M				£ 1
2	7		1		White g	ray, massive m			$\parallel \parallel$		 		loc			5	1		2
		1 1 4	Sandstone	1.70	ceous a	nd muddy mei ne with patch	dium		$ \cdot $: !	開蘿					7		
3			l blands	77777	1 1 1 1 1 1	110055	su.	- -	$\ \cdot \ $				ø	40	Ш		/5.8 L		21
Ē.	28,40		Mudstone	12/2/		ray and sandy white gray ma	ssive)	, H	7		-
	al .	1	Sandstone		mica	ceous fine san	dst.	1	II ·	1. % .			liod		1:1	1.7			ill ik
12	**	1	Samustone			gray, patched			I	1 1									

^{*}RQD is Rock Quality Designation. RQU=(Total length of cylindric cores longer than 10 cm²/Total core length × 100°,
*LLCEON VALUE is Veini'm under injection water pressure of lobg'en'
*BEFFIT! and ELEVATION wer'in meter
*BDANLEER is in millimeter

LOC FORM-B

			DRILL	LO	G :		NO.881-9	SHEET	ATTACHMENT-11.23 NO. 2 OF 2	
DATE	рвртн	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	ROCK CLAS	CROUNDWATER LEVEL SECONTI	1	WATER PRESSURE TEST LUGEON VALUE	DEPTH
3 3 3 3	30.90 32.40 33.05		Mudstone Sandstone Siltstone	A A	Greenish and weak Includ, brown silt patches Brownish dirty gray middly fine sandstone; massive Patched str. in lower part. Dark gray, brown patched and hard. (Sheared along bed; 1 to 2 cm th.)	- 31.00		× 1/2 4	19 / 2010	31 32 33
Nov. 2	34.70		Sandstone Sittstone Mudstone		Upper 10 cm; greenish mudstone. Gray fine sandstone with white gray patches. Dark gray, calcareous and laminated, Slicken sides along laminae. Chèaired along bed, 3 cm th.) Dark gray and shaly	C _M		00 (E) 00 (E)	9	34 35 36
1.79 1.73	39.40		Sandstone Sandstone		White gray to gray, well laminated. fine to very fine sandstone Miceceous and cross laminating. Top: Blackish gray mudstone; 1 cm. Greenish gray massive muddy sandst.			00 V	15 10 8.3 t.u. 5	37 38 39
NON 4	40.00	- <u></u>			39.8 to 40 m; Inc. lignitic fragments.	40.00		00	0 5 10 As	40
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HOLE NO. 881-10 SHEET NO. 1 OF 2

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İ		SITE		DAMSITE A; L	 		COORDINATE			: ' '		INCLINATIO		ÄL.	DRILL RIG	KOKEN OE-	-2L
	AVE	RAGE RECOVE	CORE	48.19	6		DATE	FROM 1	10V.4	ro o		DRILA,E	D by M. KII	DQ	LOGGED	by KUMAZAV	
	10	pt.	100	ROCK TYPE	COLUMN				SS S	BIT & DIAMETER	ROUNDWATER LEVEL	CORE	I	WAT	ER PRESS	URE TEST	2
٠,	DATE	ЕРТН	Elevation	OR	SECTION		DESCRIPT	ION	2 E	r AME	TEAET	RECOVERY	R. Q. D & MAX CORE L. 50 cm		LUGEON V		립
		۵.	13	FORMATION	SEC 110%	4. 1	<u> </u>		95 75 75	Bf.	CRO	con	50 cm		, <u>v</u>	30 10 50	
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[#]R.Q.D is Rock Quality Designation, R.Q.D=(Total length of cylinderic cores longer than 10 cm//Total core length × 100% #RACEON VALUE is Viewiem under injection water pressure of 10kg/cm.

**OPEPH and ELEVATION are in meter approximately ap

ATTACHMENT-11.25
HOLE NO. B81-10 SHEET NO. 2 OF 2

STATE COUNTY COLUMN DATE FIRST COLUMN STATE	_	-	OJEC		<u> </u>						DEPTH		ELEVATION	
GO CO CONTROL OF SECRITION OF S	٨١							· · · ·						<u> </u>
Signature and Fine Sends Sandstone S	_	RE	COVE		1		DATE FROM	-			†	<u>, </u>	LOGGED	ونسند
33 32 0	DATE		рертн	ELEVATION	OR			NCK CLASS	BIT SIDIANETE	ROUNDWATE	RECOVERY	.50 cm	LUCEON VA	LUE
32 Solutions and Fine sandstone Sand		П		: .		2		-		-				
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Many cobbles. Many cobbles. Many cobbles. Cobbles and boulders.		32	32.0		<u> </u>						60			
Many collides. Annual Collides Annual Colli		Ę.,	:		4	· \(\sigma \)			III - M					
Solutions and Fine Sandst. Solutions and fine sandstone Micaceous Sandstone Solutions and fine sandstone 30.70 Micaceous Sandstone 30.70 Solutions and fine sandstone 30.70 Micaceous Sandstone 30.70 Solutions and fine sandstone 30.70 Micaceous Sandstone 30.70 Solutions and fine sandstone 30.70 Micaceous Sandstone 30.70 Solutions and fine sandstone 30.70 Micaceous Micaceous massive sandstone 30.70 Solutions and fine sandstone 30.70 Solutions and fine sandstone 30.70 Micaceous Micaceous massive sandstone 30.70 Micaceous Micaceous Micaceous massive sandstone 30.70 Micaceous Micaceous massive sandstone 30.70 Micaceous Micaceous Micaceous massive sandstone 30.70 Micaceous Micaceous Micaceous massive sandstone 30.70 Micaceous Micaceous Micaceous massive sandstone 30.70 Micaceous Micaeous Micaeous Micaeous Micaeous Micaeous Micaeous Micaeous Mica					1500	ļ —					100			
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Cobbles and boulders. Siltstone and fine sandstone siltstone and fine sandstone siltstone and fine sandstone siltstone and siltstone and fine sandstone siltstone siltstone and fine sandstone siltstone	Ĕ.			Groy	* * * * * * * * * * * * * * * * * * * *	 								
Cobbles and boulders. Siltstone and Fine Sandst. Since cours Sandstone 33 to 39 to 39 to 50 to		36				0:0	lì		26.2		20			
Sitistina and Fine Sandst. Sitistina and Fine Sandst. Sitistina and Fine Sandst. Sindstone Sandstone Sand		37				0.0	Cobbles and boulders.		:		60			
Sandstone Sandstone State of the sandstone State of the sandstone State of the sandstone Sandstone Sandstone State of the sandstone State			37.60		01.	_O- o					36			
Milicaceous Sandstone 38.7 to 39.4 m; fine to mictorn. 39.4 to 40.0 m; medians to course 5.1 to 5.0 m; medians to course	. !		38.70					C _L	9					
GC 40.00 30.4 to 40.0 m, medium to course 3.5 to 50.00 1.5		39	- 27				White gray micaceous massive sandstone.	1	E E		200	31.15		v (em)
		40	40.00		Sandstone	1:1:1:5	38,7 to 39.4 m; fine to midium. 39.4 to 40.0 m; medium to coarse	CH.	Ď		100		10.0 (%)	
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[#]RQD is fook Quality Designation. RQD=(Total length of epliodric cores longer than 10 cm)// Total core length x 100%.

#RUGEON VALUE is Union'm under injection water pressure of 100g/cm?

#RDEPTH and ELEVATION are in meter

#BHAMETER is in millimeter

P	ROJEC	r		SAPT GAND	AKI PROJ	EÇT						DEPT	П	30,5 M		ELEVATION		
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DATE	DEPTH	ELEVATION		OR	COLUMN		DESCRIPT	ION	ROCK CLASS IFICATION	EJT & DIAMETER	GROUNDWATER LEVEL	RECOVER		k. Q. D & X.CORÉ L,				3T E
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2 2	4		- [0.0	la la la	1.1					70 70 60 60 60	, i		• •	erance in the	iii hiili	25
ᄕ		1 .	.:[1	Mira .												-
5	6			\$4. L	. 0	15. 15						64						111111111111111111111111111111111111111
		11.0			0.				1 1									WW _
л S 4	7	1 ::		2.54	2		27.5 m;					64	2					27
ເງ ພ −2)		1000			0		d layer. 30.2 m;											
<u>u ₹2</u>							d and gravels.	:			1	5	2					28
Ψ. 1. 2		1		* * * *				1.00			1	5						- -
뚮		1		Laboration is	0					63								25
2015	2000				0	13.3		1.1			1.5	34	di:					30
72	30.20 30.50	5	\equiv	Fine Sandst.	, i		r,micaceous and	calcareous.	CH_	36	1	1211111	2					
F	1			4.7			the second second					1043444	1		1.1.11.11			

[#]RQD is flock Quality Designation, RQD-(Total length of cylinderic cores longer than 10 cm // Total core length. 100% #LLGGEN VALUE is I fininfin under injection water pressure of 10kg cm ...
**DEPTH and ELEVATION are in meter **
**EDIAMETER is in millimeter

HOLE NO.BBI-12 SHEET NO. 1 OF 2

Г	Pl	ROJEC	Т		SAPT GAN	DAKI PR	OJECT		·		1 -		DEI	rrit	5	ОМ		ELEVA	tox			
	Ξ.	SITE			SITE B;			COORDINATE	:		;		INCLIN		VER	5	AL	DRILL		TON	E UD-5	
Ā	VE:R	AGE COVE	RY		99			DATE	FROM J		ro JA	N.26	DRIL	LED	·			LOGO			JMAZAY	
100		æ	10.	RO	СК ТҮРЕ	COLUMN		- 1		ROCK CLASSIFICAT	2 E	MTER	COR	E	Land dates		WAT	rer pr	ESS	URE	rest	Ţ
18		DEPTH	EVATION		OR	SECTION		DESCRIPT	ION	¥ 82	BIT & DIAMETER	ROUNDWATER	RECOV	ERY	R. Q.	D.		1.1		VALUE	7 11 1	PT
	L		Ξ	FOL	RMATION	3601103				8 3	E g	CROL	96	ÇES	MAX CO	cn		ia 61	í .	30	t) \$0	DE
	-				op Soil}	Δ. -	Yellowis				99 84		2			Ш	MÀ					
1	-				dus posits		micaceou talus dep	s and sandy ostis.			8-1			100								1
1.	2	2.20		"	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Δ								ıα								2
1.						7	Grayish o	color										aximum	Care	Length		31
	3			ł				nd and gravels	, I.					Qζ		4-4		axinium of Bou	des			3
	4				·	<u>O</u> .	(Sand	γĵ						100								4
-				1			3.8 m; G	ranite boulder			le ,	4.50 v.										
90.12	5						5.6 m; O	vartzite bould	ler :		Singl	Jan. 28 8: 20AM		HQ.								.5.
15	6			Te	rrace		Subro	und pebbles.			σį	0.20		1 0 C			H A	pplied i				-
1				De	posits	0	7.3 m, M	lica Oz schist b	oukler.		Σ.							(kg/cm	7)			
12	7	7.30	ļ <u></u>								99			iod			9, 0	pristant				Z.
Jan	8					0 0	(Gravely)						101						er L tobi		8
	E			1.		10	1		100													
	9.	1: "				$ \alpha' $	9.5 to 10).2 m; Beulder	s			ļ.		100								9
وا	E _{IO}							11.8 m; White	grayish		9.9	1,211		iOC								10:
							and si	l(γ.	· · · ·													
1	-	ĺ		1 .	4	<u> </u>	11.8 to 1	3.9 m; Pebble	S. :			1		POU	T in							4
.	12	2				0.0		es and boulder			o o			icc								12
<u>_</u>	-	٠	l			0.0	(roun	dness).			≥ 2										144.	14
Jon				'		0.00		x; dirty grayish muddy.	1		99			100								13-
F	14	13.90 14.00		s	ondslone /	9-0		ed fine sone	Islane	13.90				97				aximum	Core	l enall		14
	Ė,	<u>14.70</u>	ļ <u>.</u> .				Dark gra	y calcareous si 14,7 m; Lamin	itst.	cլ	Ųļ									(cn 1		
		15.30		- Sil	ltstone	Color.	14.7 to 1	15.3 m; Massiv	e and	15.50]		"	T,	Ĺ	P	= R.	αij.	1961		15:
1	te		ļ ·			M.	15.3 to 1	y, not calcared 8.5 m; Lamin						ΙO	1			/				16
	17	16.50	-	+	<u> </u>	12.77		ed structure. gray muddy r	nica-	∤ 							15	1				
		17. <u>7</u> 5			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		ceous	sandstone; m ot hard,						m				1			i i li	Ë
	18	<u>-</u> -		-			r	ay micaccous i			11			loc		10.		/ i :		1-1-		ĺΒ
1.	19				endstone		sands	tone; massive a		CM				100	Ż	II	5 6	3.4 Lu				19
1	: = -			31	niti2fenit.		some	weak.						Ĭ	i/ii		7				i a	Ĭ
-	20	1	l	1			}					}		100		1		j 5. j	ΙÞ	16		<u>20</u>
	21	21.15			mark tip	• • • •		1 1		21.10	1			70			1					21
1		21.40				_4_4	21 15 1	21.4 m; Gree	nish arav								15	1.1.1				
	22	1				۵	muud	dy sandstone; ncluding white	micaceous		Double)			80	117		-	l				22
	23					Δ.	sands	tone patches.			å			100			10					23
	F					Δ.	10 (4) (4)	e brownish (we 24.7 m; White			60				/		50	2.21.0				
199	21	1		s	andstone	Δ	inedi	um to coarse s ive and patche	andst;		-			100	111117 111117	W 14						24
5	25	24.70	[-			1/1/2		ive and patche 27.8 m; White			99	1		ıα		K	o	1 5	ıρ	15		25
	Ē.,	15,				11/1/	fine t	to medium san ceous and lam	dstone;	¢H						Ŋ	ŗ					
1.	20	1							-1					10C		У					7	26
	27							nae dip 45°.						iα			15					27
		27.80	<u>.</u>		Tables.	4///	Long	cores.	1000								10		1	711		1
1	26				aminated :	1/1/1		ted fine sandst		30.55		1		ıcc				هران	#			128
٥	29]		ine Sandst.	11/1	slitst Stained	. with patched brown	str.	28.60				100	哪		5		9.QL	ø		29
5		70.00		a	nd Siltst.					G _L 29, 90					W		o .				L c	1
Ш	T -30	1.30.00	<u> </u>	ــــــــــــــــــــــــــــــــــــــ		15 50	ــــــــــــــــــــــــــــــــــــــ	rores longer th				L	11.0315	lico	ii) N	1:1	sin liki			111.11	riteri (seti	30

PROD is Rock Quality Designation, Ro.D=tTotal length of extindiric cores longer than 10 cm¹/s Total core length > 100 of #LIGEON VALUE is Unin'm midder injection water pressure of 100g/cm²
#DEPTH and ELEVATION are in meter
#DIAMETER is in millimater

+ 21			٠						-			٠.		
					14	1						:		
						·						1	٠.	
								:				٠		
				ne en . Table		13					1.		ATTACHMENT-II.28	
	-	·		L	DRILL	LO	G				B81-12	SHEET	<u>NO. S</u> <u>OF</u> S	1.
	SIX	1	DEPTH	ELEVATION	ROCK TYPE OR	COLUMN	DESCRIPTION	ROCK CLASSIFICAT	ETER	SROUNDWATER LEVEL	CORE	R. Q. D	WATER PRESSURE TEST	頁
	à		30	SLE	FORMATION	SECTION		POCK 2.4SS	BIT DIAM	SROUN LE	5 000	11. 12. 17	LUGEON VALUE	DEPTH
* 1			Ţ,				Massive micaceous sandst.; stained brown with weathering							
		31			Brawnish Sandstone		Upper part: fine and muddy,	9						3L
		3					Bottom; coarse]	loc English			32
	8	33	33.10				Brownish gray (weathered)	C _M			oc		الساماة أهل النا	33
	0.0	34		1		Δ Δ Δ	muddy fine sandstone 34 to 34.4 m; patched str. (limy				∞			7 1
	- 5	35	35.20	15.0			Medium sandst,	35.30			75 L 100		o s io is	1 35
,	ŀ	36			Sandstone		White gray massive	35.30		1 .) P	36
		1	50 1		(calcareous)	, ,,,	medium sandstone						15	
	Ň	1	37.85	V2				CH,		1.				
	ç	38		·		17.	Some (aminated Calcareous				0		122 Lui	38
	1	39	3920			2147	1	39.20			loc			39
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	40	11.		Laminated	1194	Dark gray well laminated calcareous siltstone and	c _L :			11100	//	O 15 10 15	40
		4 I			Siltstone	1991	very fine sandstone; Slickensides with clay seams along faminae are common	"L			1.00			41.
		42	42.00			14/1/19	aiong tanniae are cuminoit	41.70			100		15	42
		43			Mudstone		Greenish gray sandy mudst.; massive and micacenus.	1					1 2 Lu	
		بيلنسأ	43 25			1222		:	ble)				5	[5]
	9	1					White gray medium to coarse sandstone;		Do				/	19
		45	7,1	1 T					60		1 1 100		() 5 IO 15 P	45
	23	46	الربد		Sandstone		Massive and long cores taken.				11111	A A		46
	To	47			Suitastone				99		100		16	
		46									1 100		100	46
		_ 49				1200	Some lanumated.				100			49.
	4	50	49.60	.: -		11/1/							5 10 15	d_
	lan 2	,	11.				Dark gray inudstone; massive							324
	F	51			Mudstone			CH			1. 100			50
	× .	52	51.80		Siltstone	13.36	Gray calcareous siltstone				74 F00		15 1.310	52
		53	52.80		Sandstone &	1770	Thin alternation of white				100		10 6	53
4	25	54			Siltstone . Alternation		gray sandst, and dark gray calcareous silts.				1 100			54
	, io	_ 55	54.75	1 1		14/1/2	Well laminated Dark gray mudstone.				100		0 5 ID I 5	HOLLE
. 1		56	<u>55.55</u>		Mudstone	1//	with gray siltstone patches Incld, black lignite small				1 100			1 11
];	1	56.80				fragments Greenish gray sandy mudst.						15	NO.
			ą i i			4 4	White gray sandst, patches.]			1115,000		1.3 Lu	57 B B
		58	58.10		Sandstone	4.4	Muddy micaceous sandst. White gray massive micaceous.				1100			<u>8</u> 1-12
	26		2 T		Maria de la compansión	Δ	medium sandstone; with some greenish patches				12 20 10C		17 -	59
	Į,	60	6000	2 7			Long cores; some good	60.00		1.1	:12100		o ⁷ s 10 15 ² 1] 60
		1												
		سلت												
LOG FORM-C		ind.						Ç.						
700	1:													
		1												
	L	E	<u> </u>	<u></u>	L	J	L	_	L	L		Lillia		

Little To The Control of the Control

HOLE NO. B81-13 SHEET NO. 1 OF 2

T		PROJEC	т	SAPT GAND	AKI PRO	IECT						DEP	TH	50	м	ELE	VATION	Γ		7	
		SITE		DAMSITE B; I	RIVERBEC)	COORDINATE	T :		:		INCLIN		VERTI			L RIG	KOKE	N OE-	21	
	AVE	RAGE RECOVE	RY	71.	7%		DATE	FROM M			PR.9, '82	DRII.	LED	by BiSH	UNU	1.0	GGED	by KID KUI	O & MAZAW	Λ	
		#	10%	ROCK TYPE	COLUMN				CLASS TION	BIT &	15	COR	E		1	VACER I	PRESS			7	
	DATE	DEPTH	ELEVATION	OR			DESCRIPT	HON .	POCK OLA FICATION	E	ROUNDWATER	RECOV	ERY	R. Q. D	e i			VALUE.	,	يّ	
			<u> </u>	FORMATION	SECTION				20 m	BIT	CROC	u,	c ta	50 c		10	20	30	n 9	DE	
	<u>ω</u> .		- 13				,5 m; Sandy; ceous coarse sa		Π		River Water									1	
	84	ͳ				Inica	reous course se	#1 G.			Level:		0			P, App	kin/kin/	zante			
-	E	2				1.5 to 4	.0 m:			101	5.9 m above		,,			O Can	di Ante Umisyl				100
- 1	Į.	-		100			and gravels.	100			the sur-										i ,
Ì	-	3					i vilja				sand & gravel.		15							3	
	ဂ္ဂ	4			o	٠				[[63]			اما							-	
	AAR.	-			20	Relow 4	.0 m; Gravely,		-		11.0										
ľ	1	5		Riverbed	0.	inclu	ding boulders	(quartzites					[60]			Maximu	ın Cor	r Length		5	•
1	L	6		Sand and			sandst, schist tes) commonly		1				30	i		of Du	ouklais e 16.3	(con) m in: lee		1	4.5
	8	- :		Gravels								ij.	ľ								
	AA.	7	İ		0.1		and the second					1	25		-					7.	
		8			0			-	l				30							8	1
1									l.,	2		H		ik.# il						-	:
	2	9		1 2						Double			25				-			2	
	Σ,	0			0					11 1	1.7		20		Ì					10	
	E.	-]	1. :		0					60											
	-		i.]	661 D.		7	25							별	
		2								ا ق			5							12	
1		3													- -					1	
I	<u>را</u>												13					H		13.4	
	발	4											15							14.	1. 1
	×	5						•			<u>[</u>		15							-	
-	A 4 7				0	List St.				1500	gv .		Ħ	11						15	4
1		<u> 6</u> !€. 30			0.0				16.30				15							6	
	Į,	- '			Δ.				16.30 D 17.60												
			ļ .	Coarse	Δ,	White g	roy and patche	d.	1	7.30	n i	Hid		N	+	Maxin		re Leng (cm)	tb.		
		8	100	Sandstone	Δ . Δ.	Includir	ng pebbles and	soft rock				Ш.	lα	444			10:11			18	
-		9 18.80			Δ . Δ:	patel	<u> </u>	<u></u>								-d	3.0.0.1	%)		9	
]	-	-]			Δ		ry dips in 5 to														
-	1	20		Fine Sandst.	۵ . ۵	Dark gr patel	ay and massive nes:	with					œ		P					22	
	F.	20.85	ļ		12.77 F												117			\exists	
	3	21 60		Sandst, & Siltst.	19130	park gra patch	ay, laminated ; ned.	and .							15						IOH
	4	55 ⁻ 50		Muddy Sandst	[[]]	Dark gra	ay and massive				111		<u>100</u>		# -					22	ग
1		23 15		Fine Sandst.		Gray an	d massive.	*	c _# .		1		∞	ĺχ	10					23	Ö
-	E	-			15 5 37	White g	ray and massiv	e. :							s			13	9.5 L V		œ
		2		Medium								35 A	100							24	81-13
		a		Sandstone		Cores ar	re long and rat	her		Double			l∞ i		C	1	[0		O	25	ü.
	E						condition.		i											3.	•:
	ľ	26.40					ı slip with clay			1			CC							:6	٠
	1	27		Fine Sandst.	11181	26.4 to 27.1 to	27.1 m; Massi 27.35 m; Lam 27.48 m; Fr.	ve inated.			Ĭ .		0							27	
	-	27.48		Muddy Sandst.	1777		o 27.48 m; Fru h gray and ma			26										1	
	<u>تا</u> ي	28 28 03		moody sandst.	Δ Δ		n gray and ma and/or well ta				4.5	鼺	1 .18	THE COLUMN						20	_
	9	29		fr. e. d.	4	200	ing the	1.1			100		oc i							29	
İ	-			Fine Sandst.	1111	28.03 to	29.25 m; Sonish and patch	me ed.													11
L	_E	м			1 /		- I		h		1	en Erriene	1000	HIRDEN I		1000	444.0001		11:00 740.0	L.C.	_

EXG. 18 Rock Quality Besignation. BQD=1 Total length of cylindric corea longer than 10 cm. Fural core length > 100 % ELIGION VALUE is I'min 60 under injection water pressure of 104g cm.

DEPTH and ELEVATION are in another depth of the core of the

HOLE NO. B81-13 SHEET NO. 2 OF 2

	ROJEC	r				COORDINATE	1				DEP		******		EVATION			
AVE	RAGE ECOVE	CORE				DATE	FROM		то	<u>in da.</u> Natiat	DRILI		<u></u>		OGGED			·
T			ROCK TYPE		-			18	≪ G.	[[CORE	τ		yeensels	PRESS	UDE TO		Ī
arvn .	DEPTH	ELEVATION	OR FORMATION	COLUMN		PESCRIPT	NOI	SOCK OLD	BIT & DIAMETER	ROUNDWATER LEVEL	RECOVE		R.Q.D		UGEON V		331	DEPTH
1.3	31.40		Fine Sandst.	199	Laminae	đip in 30°.						ix.						31
34	131 05		Fine Sandst.		Dark gra	y and muddy.						100						32
3	33.24		Medium Sandstone Sitt & Sandst	76 7051		ay, massive an eous,	ıd	C _H				100		10				- 33
i 134 134			Muddy Sandstone	1//	. : 1	gray and mas	sive.					00						34
3.	30.10			1: //	White gr	ay, massive an	ıd .	35.90				100		P			0	35 36
						37.5 m; Soft a	nd weak.	C _M				8		16				37
1.3												10.1		10 5				38
39				0	38.57 m cobbi	; Including a q le.	pristre		Double 1.			100 100			1 10	112		39 on
41			Coarse Sandstone			e massive and ot so hard.	long;		œ			95						41
1.3									6) 95			:00		100	w			12
4				7.7.4	42.95 to soft r granu	43,15 m; Inc ock patches ar les.	luding nd	СН				0C		5				43
4.	5			o .	1							100		Q S	10	15	Ī	45
1.4				0 0		es and granule e scattered.	es					100						16
4	3											oci		10	6.4			47
4	1 4.											iX		5				49
5	49.65 50.00		Mudstone	777	Dark gra	y and massive		50.00				100		0	5 i ib	15	Q	50
Limburg																		1,1
سطعسا	=					:												-
																		-
السلسال																		-
اسطساس																		-
وعلسلسا																		-
السلسا					15 1 2 40 1 1 5 1 1 1													-

[#]RQD is Rock Quality Designation, RQD=(Total length of cylindric cores longer than 10 cm/(Total core length) y 100% #LUGEON VALUE in Vivinim upder injection mater pressure of 10kg/cm/ #DEPTH and ELEVATION are in outer #DEPTH and ELEVATION are in outer

HOLE NO.B81-14 SHEET NO. 1 OF 2

P	ROJEC	Γ	SAPT GAM	NDAKI PR	DJECT					DEPTH	60 M		ELEVATION		
Auc	SITE	0000	DAMSITE G; L	EFT BANK	COORDINATE	;				INCLINATION	VERTICA	(DRILL RIG	KOKEN OE	-2L
AVE	RAGE ECOVE	RY	100%	·	DATE	FROM D				DRILLED	by M. KID	0	LOGGED	by KUMAZA	\WA
DATE	рертн	ELEVATION	ROCK TYPE OR FORMATION	COLUMN	DESCRIPT	ION	ROCK CLASS FICATION	BIT & DIAMETER	GROUNDWATER LEVEL	CORE RECOVERY	R. Q. D & MAX.CORE L SO cm	WAT	ER PRESS	URE TEST VALUE	в рертн
-			Overburden	mmm	Dark brown top soil. Pole brown silt and sail			<u>86</u>				0.0	an led train on the tax	T 10	1.1
	1,20		\$11.00	* * * * *	Pole brownish and we		1.70	Σ		20			(Livin)		
2	2.70					1 1 1.	C _M								2:
[3	[White gray and massly medium to coarse sa		:			100			2,6 to 7.5 m	tested in III edoni	3
4				1311	3.4 to 3.6 m; Includ.		4, 4			1 000		ă,			4
5			Cozrsa		3.5 to 3.8 m; Some la	ninated.				00		Þ	161.		5.
8 6			Sandstone		Long and good cores.]]]		100					6
217												P	io 10 m. io		
2 0		1 17			7.0 to 7.5 m; Includ. g and pebbles; mainly		.:					io I	****	ecioni	H
				·/.	Indistinct lamination.		сн								8:
9				٠ / ه	8.2 to 9.4 m; Including patched-like siltstone								X1		9
100					granules.					100		9	10		10
	1			1			- 31		1	II. IA loc			7		
12	11.60			1111	— (Unconformable) — Greenish dark gray an	d muddy,			± 12.€	0 8 3 100		15	1		12
	12.80	·		1.1.1	Includ, lignitic small f	÷"			Jan. 2 8:30 A	4 100		(O			133
-			Fina Sandstone		Massive and micaceou 13.55 m; A brown col		13.60					* /			
	114.20				Siltstone patched.							Į.			
F15	15.50	<u>-</u>		*	Long and hard cores.					redisting		Ŷ			15
	16.30			à à à	Massive and hard. Some patched.					200			1/6		16
ľ					27.5	<i>-</i>		66 -		11 3 100		10			17
				4 . 4 . 4	17.45 to 17.9 m; Gray stone with some pat			Double		00		10			18
88 188			Medium		White gray massive an			an an		100		5 ç/	361u		- 19
OEC.			Sandstone		micaceous sandstone).		0		2 H		P.	3 10		20.
					D		В								
					Medium to coarse san	ust.		$\ \cdot\ $				5			1
123					Bottom; Patched like	graenish				100 ICC					22
13	23.00 23.30			0.000	siltstone pebbles. Pale green and massiv					100					23
2	24.28		Fine	19.9	Pale green and patche Lower; Calcareous and			-		100					24
2	24.82		Sandstone	444	Patched-like breccia. White gray and lamina	ited.				× ×		o Y	\$ 10	jijs jij	1 25
E	25.75		Calcareous	[[]]] [597]	Gray and hard; (Shaly					100					26
30	26.70	1 11	Siltstone		Bottom; Includ. fossil	e leaves.	26.60			₩ 100		5	X		27
DEC	27.45			7.7	Includ, siltstone patch Gray and massive medi Greenish and muddy:							o			
- [2]	1		Sandstone	1//	massive.	anostune.	c _M						766		28
- M				1/2	Weak and slaky.		1:			36 K 100					29
Ę,	ــــــــــــــــــــــــــــــــــــ	oca Ondina		1:1:2			<u></u>	Ш	L	11100					30

ENQ.D is Rock Quility Designation, R.QD=(Dtai) length of cylindric cores longer than 10 cm//(Total core length) x 100% = LUCEON VALUE is I/mis/a moder injection rater pressure of 10kg/cm/, #DEFTH and ELEVATION are in mater .

#PRAMETER is in millimeter

LOC FORM-B

		٠.												Hubert-11:32	2	
1			- 		DRILL	LO	G					SHEET	NO. 2	OF 2		 1
	DATE	DEPTH		ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	ROCK CLASS IFICATION	BIT & DIAMETER	GROUNDWATER LEVEL	CORE RECOVER	MAX CORE L.	1000	ESSURE TEST ON VALUE	r	DEPTH
	31	30.	20		Medium	1.000	White gray and massive.	3020	ΪΪ	5	2.	ı î		Minin	m	
	DEC	31			Sandstone	1111	Laminated. White gray, massive and									4
	id Lougha	3		Pr		17.	micaceous. 31.67 m; Includ, a green siltstone patch.									<u>يا</u>
	1	3					siltstone patch. 32,15 to 32,73 m; Pale greenish and some laminated.						5 02 W			<u> </u>
		я		e. Eas			33.55 to 33.8 m; Pebbles and small cobbles.						Q. I		ο.	14 14
	-	5					Coarse to very coarse.			1 + 2 <i>f</i> -			n i			<u>.</u> 5
	77	6			Coarse		36.8 to 37.7 m; Laminated.				i i c		15			(A)
	Education				Sandstone	11/1	Cook of the life Lammacu.						0.640			7
	hatala	8				77.7	Long cores; not so hard.						5			8
	متسط	10					39.6 m	СН	66				0 5	0 1	Q	9
٠.	Manufa	٥					39.6 m } Include pebbles.		Double)		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		P		4	10
	. 2	414	49			1777	includ, granules,		6				15 i- i		ľ	
	Ţ	42	40		Mudstone		Dark gray and some weak. Laminated and including	-	٥				ια 0.02 Lu			2
		13					lignitic fregments.				3 10		5.			131
	1	44	25		Very Fine	122	44.05 to 44.25 m; Reddish brown Calcareous and some hard.	֡֡֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֡֓֓֡֓֓֓֡֓֡					0	10 15	o f	4
	سقىسىك	5 45 6 45		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Sandstone	1/2	Brownish siltst, patched & laminated, 						P			8
	Munda	46	40	**************************************	Fine Sandstone	71/7	Dark gray and laminated. Very fine sandst.				(1) to		15			ğ.,
	7A N. 3	47					Massive and patched.	4760					1000			
	hunda	2			Fine to Very Fine	*** * / **	Pale brownish gray and patched. Massive and some weak.	CM	66	11.0			6			46
	4₽	19 50 50	00		Sandstone	XXXXXXX	Minor fault clays; 48.7 m: 1 to 2 cm thick. 49.9 m: 1 cm thick.	5000	(⊠ (⊠ (⊠		1000		0 3] р. 1 Б	a	ğ.,
	بالبسائة															
	nttu								٠.							al al
	dramak									. :						
	عنظمنسلف]						-								
	ملصسام															HOLE NO. B81-14
1.11	بالبيبان				la de la de				- 5	أريا						T Z
1997	7											1 2012 1 1 1 1 1 2 2				NO. B81-
	and conta	1							1 - 1							1-14
1.11	A Section	4							, A	na na						1
Section 2	ulaur)	1														4
	A STATE								:							
100	minute.									. :						-
i.	mhumha.									anda a						The second
	111111111111111111111111111111111111111				1.00											1
	1	1	1:		<u> </u>	<u> </u>										_

HOLE NO. B81-16 SHEET NO. 1 OF 2

		PROJEC	Т	SAPT GAND	AKI PRO	ECT						DEP	TII	50 M	Ei	EVATION		
	AVE	SITE.	CORE	DAMSITE B;		ANNEL	COORDINATE	:				INCLINA		VERTICA			TONE, UD	
	1	RAGE ECOVI		9	1.8%	-	DATE	FROM A	receive		R.9 '82	DRIL	ED.	by NBRB/	HOB	OGGED	by KUMAZ	AWA
	<u>u</u>	H	100	ROCK TYPE	COLUMN		1 1 1		KCLASS CATION	& TTER	KATE EL	CORE	1.		WATER	PRESS	URE TEST	. E
	ă	DEPTH	ELEVATION	OR FORMATION	SECTION		DESCRIPT	ION	ROCK CI	BIT	CROUNDWATER LEVEL	RECOVE	RY Cm	R Q D& IAX.COREL 50 cm	1.1 19	JEEON V	NALUE 10	S DEP
					0	Above	1.2 m; Sandy				RIVER WATER							
					9	Below 1	.2 m; Gravely.		*:	114	LEVEL;		Ť		Max	con Con	renin .	
ŀ	1	2		Riverbed Sand and	0 0	1.0		:			above		25		. (Abn	46	n dan ihi	2
1	3	3	1	Gravels.	0 - 0								15					3
-	4	4	1 1		0.0		ng a sand layer						20					
		4.60			2_0_ <i>0</i>		1 to 4.3 m in d	11.1	4 60				15				N. S. LANDIS	
		2.		Fine Sandst.	1/2	weat	sh gray and sor hered	ue.	;	86,			30	Marie 1				5.
1	1	5 93	-		11.77	Lamina	ted. 10 cm; Purple g	- hor ver					0					6
		_		Very Fine Sandstone	144	rnud	dγ. atched and lam		cW				9					
	200	7.30		Fine Sandst	Δ, Α.		reenish gray an											
	=	8.40			Δ.Δ	13410		- 11.1	8.20				100 g					8
	- 5	9 30		Fine Sandst, and Siltstone	MA,		ninated. 3 slip clay; 6 cm	i. thick.					00					9
		<u>م</u>		Muddy Sandstone	1//	t.	ray colored.		c ^r				œ					ΙO
İ		10.75		Sanostone	1/1	Weathe	red and cracky.		0 75		1.11		1					
	9				1//		11.85 m; Some muddy; includi			99	1		8	i i i i i i i i i i i i i i i i i i i		Applied ke/tr	Piessire (A)	
	Ž.	2		Fine	x/.*		e calcareous sp						χO		i la la	Goldt B	atë of Flore idhoi	12
-	1	3		Sandstone) was	te gray, micaceo				1 / ,		130					13
							nd massive.						~					
	9				166/2	1	inated and pate	Jamel					~					
	4	5 15. 02		Muddy	1/x/x/		h gray and mas						00		P III			115
		6. <u>16.07</u>	10 00	Fine Sandst.	1/1/	whit	e calcareous sp	ots.			'		XX		7			16
İ		7 37, 02	1	Fine Sandst.	Λ Δ.		nd massive with e patches						တ		15		17	17
							ray, miceceous e hard.	and	:	æ					10			
	علسط			Fine to	11	h				9			~		5			
.	1	9		Medium Sandstone	114	Lam	inated;		1	99			100		تام			19
١	1	20		177	17%	e	sp. silty and we ated in 18.75 t				1		8		O I	6 ji ja	15	20
	-				1//				c,	$\ \ $	'		1000					21 1
			17.		J.	IJ							1					
	⊭	2 22.17				F .	g slip clay; 1 cn id massive.	th.	1	$\parallel \parallel$			00					22
- {	APR	23. 25	1-1-1	Fine Sandst.		Criav at	io arassive.		l⊹. -}				∞					
	2	24.30		Very Fine Sandstone	Δ Δ Δ .	Dark gi	ay and patched	j					œ					24
.]	2	-	.9	Fine Sandst.	1115		ited and/or pati g slip with clay] :				œ					න
,	2	6		Fine Sandst.	11	Some I	aminated. g slip fault; 1 c						: :00:					26:
	N.	26, 40 27 27, 40		Fine Sandst.		Gray a	g sup radit; t co nd massive. vertical cracks		1				:00 1					27
	1					White	jray, massive ar aceous.		1				so.					28
	7 12 12 14 14 15 14 14 15 14 14 15 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	9	lan en e	Medium to Coarse														29
		1		Sandstone	[:::		fine sandstone	international designation of the second seco					~					
l	٩Ė	xol	<u> </u>		L		<u> </u>		1		<u> </u>	発出	oo ii					30

		PROJEC	ī				1.4					DEPTI			ELEVATION		
		SITE			:		COORDINATE	T :				INCLINATIO	X		DRILL RIG		
	AVE	RAGE RECOVE	CORE			1.14	DATE	FROM		то	11.1	DRILLE	Ð		LOGGED	***********	
	П			ROCK TYPE	COLUMN				8 2	જ લ	TER	CORE	T	WAT	FR PRESS	URE TEST	
	Y.	рертн	EL.EVATION	OR			DESCRIPT	TON	POCK CLASS IFICATION	BIT & DIAMETER	GROUNDWATER LEVEL	RECOVERY	R. Q. D & MAX.CORE L.		LUGEON A		E
	<u> </u>	5	373	FORMATION	SECTION	100			Š Ę	BIT	ROU	% Cm	50 cm				[2]
		T				Massive.			11,	T	<u> </u>			¥IIII			
		<u> 11</u>							C _H			×					31
							la de la companya de la companya de la companya de la companya de la companya de la companya de la companya de La companya de la companya de la companya de la companya de la companya de la companya de la companya de la co							18			
ď.	. [32			1.5	32.2 to	32.8 m; Lamin	ated,	32.00						03414		32
		3			311			• 1	11.					19			33
	l					2.0	: '	:						S.			
		4		1								OC STATE OF					34
		ss												o	8 11b	is C	
٠.					Δ X	35.0 to	39.7 m; White	spots and									
		.E			ا ک	grayi	sh soft rock pa cattered.					α		P			36
4		:]		Medium to Coarse	Α,.	ate st	attereu.		1.								1
		27		Sandstone	: χ Δ.	3.44	100							15			37
.		*			^ ^ ×		e long and god	od .	1 1						0,39 (4		w
-					ΔX Λ	cond	ition.				1						L. Lin
.s.	8	29				100								5			39
	I E	c							В	1 00							10
- 1	AF					40.3 to	41.3 m; Dark e	colored.		0			HE DE	0	10	15:10	
	ľ	쁘			1.30					99				P			4 4
		12		1 1 4 3		Long co	res.			"				15			42
	-]				1 5 2		. 14. 1			1			100	32 Lu		
		Ŀ			.513			1.14.				in in					43
		1.2	1. 1.		Ò Δ Ο Δ		44.35 m.										امما
. , 4				1 11	0000												
		15			0 4 0 4	+ 17, 7	1 11							0	- File 18:	::-16	45
.		Æ	1 6		Δ C		3.5 m; Includir les and soft ro					周期 。		P			
		1			.ο.Δ		ies.							15			
	ľ	92					Series Contract		1		100	, i o).55 Lu		47
•		47. 78				Bounda	ry dips in 27°.				114			100			
		1			Δ .		ay and massive ding patches.	·									ľ l
	o	15		Fine Sandstone	Δ.		amg potanes.					× ×					49
	AP.	- 50:50.00	100		۵. ۵.	Long at	nd some hard o	ores.	50.00					ó	6 10	16 Q	
								:	1000	1							1
1.1																	
	ľ		l														148
		1															
								: 1									
		-							11.								88
	1																81-15
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1 .	LE																
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		1															
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1								45)
				1	1350 50												
	ΙĒ	: 1	100	1	L	Land	2	1000		ı	1 '						1 1 .

^{*}RQD is Rock Quality Designation. RQD-(Total length of cylindric cores longer than 10 cm// Total core length × 100% *LLGEON VALUE is Venin/m under sojection water pressure of 10kg/cm/ *DEPIR and ELEVATION are in meter *Olameter to the millimeter to the millimeter *Olameter to the millimeter *Olameter to the millimeter to the millimeter *Olameter to the millimeter to the millimeter *Olameter to the millimeter to the millimeter *Olameter to the millimeter *Olameter to the millimeter to the millimeter *Olameter to the millimeter to the millimeter to the millimeter to the millimeter to the millimeter to the millimeter to the millimeter to the millimeter to the millimeter to the millimeter to the millimeter to the millimeter to the millimeter to the millimeter to the millimeter to the millimeter to the millimeter to the millimeter to t

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HOLE NO. B81-18 SHEET NO. 1 OF 2

Γ	Р	ROJEC	T .	SAPT GAND	AKI PRO	JECT	 				DEPTH	Б	M	ELEVATION		
		SITE		DAMSITE C:	RIGHT BA	NK COORDINATE				Tradit	INCLENATIO			DRILL RIG	TONE, UD	-5
ľ	RI	AGE ECOVE	CORE RY	96.2	X	DATE	FROM A	MAR.23	то м	AR.31'82	DRILLE	D by KIDO	, KUMA	L LOGGED	by KUMAZ	AWA
,	<u>.</u>	E	NOL	ROCK TYPE	COLUMN			S S	≈ <u>~</u>	ROUNDWATER LEVEL	2800		WA	TER PRESS	URE TEST	=
į	Š.	DEPTH	EVATION	OR	SECTION	DESCRIPT	TON	ROCK CLASS JFICATION	BIT & DIAMETER	UNDWA	RECOVERY	R. Q. D MAX.CORI		LUCEON	VALUE &	EPT
	Ļ	,	녊	FORMATION			·	용느	B 5	GE C	26 cm	30 50	¢n	10 10	30 13	<u></u>
	Ë					Pale brown overburd	len.		99	<u>.</u>						# 4
	H							1				1				
	12			1.5												2
	-					including decompose rocks.	ed	1								
	Ľ								$\parallel \parallel$		X X X					33
	4			Overbuiden				1			Q.					4
1	F.5				Δ	1.1		l	e e	100						
					٥	4,11		ľ	Sing				, in	axinium Core	Length, Ico	
	6.		. :								MIN or		ZΠ	i na an a		6
1;	Ę,					,		1 . 1	Σ					R.O.D.(%)		
	F.								99				1			#1
٦	8.										10 x	1/2		P. Applied	Pressure	8
l		8 60		Fine Sandst	۵ ۵	Garage and sales		8 60	8.65		E C	1/		(ko/en O Constant	Rate of Flo	
1		9.20				Gray, hard and calca Brownish weathered		-			"	Ť		- (Llynii	/mi	9 9
ľ	io			Weathered : Sandstone		fine sandstone.					α					10
	-			Sandstone	17		1.71	D								11
T.		11 50	:	1.5	11	L'aminated.										
. D	<u> </u>	12.10		Fractured rock	XXX	Fractured and clave	γ	12.10			*					12
ŀ	¥.,		1		12/1	Dark gray and crack	V	-:		14.44						
1		1		Siltstone	1111											
1.	عا	13.90		 	11/1	Greenish gray, massi		c		<u>⊊</u> 13.95	$\pm \alpha$					4.
	15			Fine Sandst.		some weak		14.60		(Apr. 7)						
1		15_25				14.65m; Minor fault cla White gray and lami										
1	E16	16.35		Fine Sandst.		16.35m; Fault clay; 2c	4 - 1	C _M			Q o			1 1/		6
1	17	16. 75		Siltstone	7777	Includ, folded laminae	& slickens	Jes.)5			
1.		1		Fine Sandst.	111	Gray and some lami Includ. black lignit	ic frag							i V		
	18	17, 80			۵ ۵	ments. Patched.	:	18.00		4. 4. 4		i vi		17		18
1.	9 19	18, 82		Fine Sandst.	د د د	18 to 19.4 m : Crack						4	5	d III		
	7	19.40	- 4° - 4		11.51	Laminated; high dip							0 /			
	20			Medium	111	White gray and some laminated.	e.		ble			4		1 4 1 10	1.12	122
-	1	1 : 4		Sandstone	****	19.8 to 21.7 m; Cra fractured.	cky and/or		Doubi							
- [E	21.70			XXXXX	intotaled.		LO.					16			
1	22				1///	Cracky and weak		В	õ		illillox	4			21	22
1	27			Mudstone].	Σ			K I	10		102	2,3
	E	23 60			1///	Sandy			88				6	I M		
	24			Fine Sandst.	د ه	Patched and weak,	1	ļ. ,						1		24
	25				XXX	Pale greenish gray.		1					lo f	5 19	15	α α ₂₅ .
	F					24.5 to 25.9 m; Fra										
1	26			Fine Sandst.			1000	25.90			9.	Num	44		7 HH	26
	1 - 1 2 - 2 2 -				16/	Laminated and pate structure.	hed			· .			15	1 1 1 1 1		
ŀ		27.30				White gray and mass	sive.					M	lio	<u> </u>	88 LI	
	28				XXXX	27.4 to 28.4 m; Fra		CE			6			+X		28
1	29		100	Fine Sandst.	KXXXX					1			5	1		29
-					1	Cracky.		29.50					1			# 3
L	30	J	1,000	$A_{i} = A_{i} = A_{i}$			1.2.133	l .			6.5 6.5		19		18,000	30

LOC FORM-B

				DRILL	LO	G	Н	OLE	NO. E	181-16	SHEET		TACIMEN OF	
г	ľ	OJECT	7							ревли	1		LEVATION	
		ITE				COORDINATE ;		:		INCLINATION			RILL RIG	
A	ER RE	AGI. (COVE	ORE.			DATE FROM	:	TO		DRILLED		7	OGCED	
				ROCK TYPE	COLUMN		CLASS ATTON	BIT &	VTER	CORE		WATER	PRESSE	JRE TE
DATE	-	DEPTH	EL,EVATTON	or		PESCRIPTION	βŘ	.WE	ROUNDWATER LEVEL	RECOVERY	R. Q. D.		UGEON V	
		٦	HIE.	FORMATION	SECTION	ana 1,4 to 1,4 kg	ROCK CLASS IFICATION	BIT	CROU	% COM	50	10		30 \ la
[-					:	29.95 to 31.8 m; Rusted with brown and			1					
	31		100		. ,	some cracky.	l.,			SV ICC				
	33 —					Long cores and good;	C.				100	16 ii ii		
٠.						Including sandst, patches.	10					10	1000	
l	33			Fine			C _M			100			ø	
8	34]	a filosofi	Sandstone		A vertical crack rusted with reddish brown]]	}			5 , 5	2 - 1	
9.		٠]	1000		$\mathcal{D}_{i} = \mathcal{D}_{i}$	34,35 to 35.1 m; A reddish	1					7		
ž	35				* .;:	brown vertical crack.				i i i i i	1	0	101	111
	a da d				XXXX	Some coarse; medium sandst.	35.50		-3 -	70		P		
	36	:				35.5 to 37.0 m; Fractured.	D				71	. 1		
	37	37,00								65		ľ.	2.46 Lu	
	1		٠, ١	Fine Sandst.	$\times\!\!\times\!\!\times$	37.0 to 37.65 m; Fractured, Dark gray, massive & muddy	37.70	II. į				10	15-70-1	144
	3	38.15			1.11.1.		-		:		Yora			
29	- 39		200	Breccia	3 3 4	Dark gray, patched like breccia, small pebble size.	C.]	100) [[
MAR		39.45 39.75	1111	Fractured	\$ A A	Clayey	10				/	٥		
_	-99	40.35		Fine Sandst.	747	Gray and some laminated.	c _M			1211 E2	History	D	6 10	16
	41	10.70		Siltstone	2772	Dark gray and laminated Blackish gray, muddy and	}	- 1						
٠		41.60	· · · · ·		1111	weak rock.	J	Double	+ :		/ i li	16	i V	
	-43	42.15		Fine		Gray and massive.	41.90			95	Veri III		/ 6	44 Ju
	42			Sandstone	A	Gray and massive with		8	100			10	1	
	lisud				Δ	patched structure.		Σ				5 //	<i>e</i>	
8.30	44		/1. · · ·		δ Δ. Δ. Δ.			99] .	Too		1//		
MAR	45	1160			******	Bedding slip fault; 10 cm.th.	-				1311	0	5 10	15
H			1000	Fine Sandst.		White gray, massive and micaceous.					V	p	linioni ii	
Ŀ	46	46.30			11131	Lower part; silty and laminated.			100	100				
ŀ	- 1	10.00			11/1/1/	46.3 to 46.5m; Bedding slip fault	CM					15		
	-17			Fine Sandst.		46.5 to 46.8m; Muddy. 46.8 to 47.6m; White gray, massive and micaceous.	İ				i Kali	10		16,75
	- 48	48.05	<u> </u>	1 1 1 1 1 1	ه ۵ ۵ ۵	sive and micaceous. 47.6 to 48.05m: Patched.				500	74			<u> </u>
4			4	Fine Sandst	11/1/2	Gray to dark gray and well laminated.					<i>Y</i> 161	5	1	1
α, ω	49		. 194	and Siltst.	1.195					lico.		-	1	ii iili
Ϋ́	50	50.00	10 100		1919	Some cracky.	50.00			100		Q.	5 10.	15
		j.				1367 P. 1868			1				Hill:	
			- 4				d d							
			2.3					7						
1	H					A Maria Tugʻilgan								
		7			1									
٥	Į J		h., ;;	John Ca			1 1		:					
	Н													
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		33							i					
		49.5 10.4	P. 1											
1.:	Εl													
				I distribute			5 1							
F.	Н	40	i in				# 1.1		Î					
1	F.,		Lz - 11 1	1	1 1 2 3	 The property of the control of the con				1	***********	111111111111111	ariatel stantilla	.::::::::::::::::::::::::::::::::::::::

[#]RQD is Rock Quality Designation, RQD=(Tetal length of cylindric cores longer than 10 cm//Total core length) x 100%
#LUGGON VALUE is l'ain'n modes 'injection water pressure of 10kg/cm/
@DEPTH and ELEVANTON are in motics

@DIAMETER is in millimeter

					4 · · · · · · · · · · · · · · · · · · ·			4 .:					
										1.0	ara da	•	
	- 6		and the				•				Amm LO	HMENT-II.3	9.3
			DRILL	ΙO	Ċ		OT E		04 47	OVERNO	41.1		31
:	<u> </u>		DKILL	LO	U	ij	ULL	NO. B	01-17	SHEET	NO. 1	JF Z	
	PROJEC	T	SAPT GAND			<u> </u>			DEPTH	50 M	ELEVATI	08	4.17
AV	SITE	CORE	DAMSITE B	·			_:_		INCLINATIO	,			
-	ERAGE RECOVI	RY	99.	8% }::::::::::::::::::::::::::::::::::::	DATE FROM M	AR.18		AR 22, 82	DRILLE	by KUMAI	B. LOGGI	ED by KUMA	ZAWA
ш	Ξ	NOL	ROCK TYPE	COLUMN		ASS NO	BIT &	ROUNDWATTER	€ORE .		WATER PRI	SSURE TES	3T 🚾
DATE	DEPTH	ELEVATION	OR	SECTION	DESCRIPTION	ROCK CLASS IFICATION	E N	TEAST	RECOVERY	R. Q. D & MAX.CORE L.	LUGEO	N VALUE	43
		딦	FORMATION	J		S F	BIT	0.00	. o. cas	. 50 cm	15 20	30 49	_{se} P
	-	1 1		0 0	Pale brown decomposed	:							
	1				rock fragments.						H Applied	ressore ii Cn21	
	2		Overburden								O. Conn.	HEXA OF FLOOR	2
	- -			Δ		•	9917	4			- IEI-F/fix		
	3 3.30			4 0		3,30							3
	4	2 Ju		KXX	Pale brown decomposed rock.		=						-
			Decomposed	KXX	(sandstone)		Ω. 2.	-					
1	5		Rock	$ XX\rangle$		Ð	Σ		×				5
8	6			$ \rangle \rangle \rangle$	[. j		6 m/m						## -
18.15	6 60	1		$ \rangle\rangle\rangle$	San San San San San San San San San San		🥳						1116
ž	7				Upper 50 cm; Dark gray and	63> C ₁ 7 30	7 00	,					7
	- -	100	1		some muddy and weak,	7 30	li I	11				m Core Lengti m)	<u> </u>
1	8 60 - 8 60				Gray, massive and micaceous,	100		1	100				8
	9 8 8		Fine Sandstone	5.	White gray				\mathbb{H}_{∞}		- R.O.O. (9	1	9
	_			377		CH							
	10			66	Laminated and/or patched.			}			p I		10
	11			1.56	Lower part, Medium sandst.						1		
1	11.40		1	5.53		11. 30					15		
	12		Fine to Very Fine Sandstone	1771	Gray and well laminated.	.c _L				 	- 1 24 Li		12
l	_ <u>12 60</u> l3			111	Fault clay along bedding, 15 cm, th. Greenish gray and massive.						10 / -		٠,
[1 1 1 1	11/2	12.6 to 13.2 m; Weak.	13. 30					5		
	14.		Muddy Sandstone	1//					o in o		9		14
1	- I5	1. 1	Seriustone	6/6/]					0 5	10 15	Q :
	_			10/01	Includ, sandstone patches.	- CM		'			P I		## *
	16			augusta, e	16.0 m; Fault clay; 10 cm. th.	11.1			00		1 A J		16
	16 50	2		n'a xik xanaka	Dark gray and silty.	16.70					15		
	17, 20	 	Fine Sandst.	ļ. 	Gray and massive.			1			12 4		
	18	-:			White gray, massive and micaceous.						" <u> </u>		18
6	-		Medium				e)	'			5 [
O: E	19		Sandstone		Long cores.		Doug.		E OX				19
VW	50							1			0 5	0 15	0 20
	-				lη		. B.:						
	21	100		fire	Laminated.	•	Ġ		- Ball 90		4		21
	- 22 22 20			1///			ψ,ε				15		77
	- <u>ec co</u>	F	t	 			66 m				10 0.8 Lu		
	23			1	Includ, blackish lignitic				00				23
	- 2-1	1.		131	laminae.	ا جرا			IIII		-515		2
			Coarse Sandstone			ĊH		1					
	25										0	0 15	25
	26			13	Some laminated.								## <u>-</u>
	-			13.5		:							
	27,20	<u>lid</u> -		133	野 11 11 11 11 11 11 11								
	- 1				White gray, massive and	1					10 /		-
	26		Medium to Coarse		micaceous.			1			φ		128
	29		Sandstone										1 29
					Cores are long and good.			29.35 (Apr.7)					# -
Ш	30	1	1	<u> </u>	to the second second	1	لشلا	(Apr.7)	理道 00	entextine		0	11.41.0

^{*}RQD is Rock Quality Designation. RQD=Total length of cylindric cores longer than 10 cm+1-Total core tength v 100°c
*LUCEON VALUE is 1-min/m under injection water pressure of 101g/cm'
*DEPTH and ELEVATION are in meter

*DEAMETER is in millimeter

DRILL LOG HOLE NO. 881-17 SHEET NO. 2 OF 2

	PRO)EC	r T	an et fair							DEPT	rit			SLEVATION		•	7
		TE				COORDINATE			1		INCLINA	HON,			DRILL RIG			
۸V	REC	3VE	ORE RY	10 2 5 kg	11	DATE	FROM.		10	programme.	DRILL.	da.		e Protesta	1.0GGED			
DATE	DEPTH		ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPT	ION	ROCK CLASS- FICATION	BIT &	SROUNDWATER LEVEL	CORE RECOVE	RY	R. Q. D & AX.CORE L. 50 cm	WAT	ER PRESS		r	DEPTH
numina in	31		51			(Coarse sandstone)		8		35		0.00		λ		» »	, 	31
	32				4 4 6	31.7 m; Including black fragments. 32.15 to 32.35 m; Including	uding		1., Double	1 1		∝ 3		16	1.08 (%			 32
20	33			Medium to Coarse Sandstone	1/5	gray and green siltst patches Laminated	one		66 (0.311			α α		16				33 34
	35				33	35.1 to 35.7 m; Includ		c _H		:		X		D P	6. 10	16	O.	35
	57					softrock patches and Very coarse and ma						œ.		15	0.621.			37:
1	38 39	-			3/1/3	37.9 to 38.1 m; Includi blackish lignitic lum						<u>α</u>		5				38 39.
ŀ		1.60			0.0.00			: -				×		o P	5 70 f	16	O.	40
	41 - 42				۵	40.6 m; A pebble cong layer; 5 cm, thick. Massive coarse sandstor	n e	42.60	Double }			oc.		15	/ -1.88 Eu			41; 42
	43 			Coase to		long cores; including granule size fragmen		42.50	M. Bit			œ		5				43 44
MAR	45			Very Coarse Sandstone		White gray and micaced	ous.	В	99			Q III		У Р	5 10	15.	o	45
	47											α α		15	/ / 2.04 Lu			46 47
	48 - 49				0.0	Including pebbles ar	id .	47.50 C _H				oc		10 d 5 /				- 48
A A		000			0 0 0 0 0 0	soft rock patches places.	in .:	5000				oc		0	5 10	15:	o	50
علستائنانانيه																		munitari
المسامات الألمساليين	-								1.									سالساسات
عادلاسطاديالك																		الساميات
																		Sample of Section 1
																		and makenda
The Leading like the																		in Section 1

[#]R.Q.D is Bock Quility Designation, R.Q.D.= (Total length of cylindric cores longer than 10 cm.//Total core length; x 100%.

**UUCEON VALUE is **Dimin's under injection water pressure of 10kg/cm/

**DEPTH and ELEVATION are in meter

**DIAMETER*; io millimeter

FORM-B

1.00

HOLE NO. B81-18 SHEET NO. 1 OF 2

	PROJEC	Т	SAPT GAND	***		7	g i top o				DEP		50 M	ELEVATION		
VĒ	SITE	CORV	DAMSITE C:	حبحه دبي	₹K : (COORDINATE					INCLINA	· · ·	VERTICAL		TONE, UD-	
7	RAGE RECOVE		89.4	1%	المداسي	DATE	FROM A	PR.2	r	PR.10 '82	DRIL	LED	by M. KIDO KUMAR	1.0GCED	by KUMAZA	WΑ
, [Ξ	EVATION	ROCK TYPE	COLUMN		1 1 14		SAS	BIT &	ROUNDWATER	CORT			WATER PRES	SURE TEST	-
1	DEPTH	¥.	OR	SECTION		DESCRIPT	10N	ROCK CLASS IFICATION	A A	CNDWA	RECOVE	RY M	R. Q. DA (AS.CORE L.	LUCEON	VALUE	dau.
L	-	급	FORMATION	ono iioi		<u>fagita .</u>		8 =	BIT	8	%	(26)	so c _{fn}	19 19) 13 5	Ľ
Ė.			# · · · · · ·	₾	Brownist	ı soll with gr	avels.		116			1				Π.
F	4	1 . 3		0	1 1 2 2 1 1	te and quart		is.				10C				μ.
Ė,	2			<u></u>]	86							١,
			Terrace Deposits	0					<u> </u>							ľ
13	3		Deposits	<u> </u>					Single)			5				3
F					1.54				m	1.5		:				-
Ė	1		1	0 0-		: 44.			2		l III	-				4
E	5						100	1 1	99			0				5
Ļ,				ō:	6.2 m: Te	ertiary sands	tone	'	555							
ľ	6.40					obbles inclu		6.40		1.25		9				6
ħ	7		Very Fine	11/1/		gray lamina		C _L		7.10N	山	50		A PART OF	CAN HEALTH	1
E	7.25		Sandstone Mudstone	ورزور		7.25 m. Frac ay with whit		7.45		X (APR.10	開聯					ľ
E	3					l massive.		[800	1		100				в
Ė,			Fine Sandst.				**							10 10 10 10 10 10 10 10 10 10 10 10 10 1	fold of the state	-
ľ	4			××		8 m; Includi: calcareous s								V. Ko	t Rule of Flow	13
E	9.80 10.12		Coarse Sandst.	x ×	White gray	v and micace	ous.					io, i				10
Ē.	10.62		Fine Sandst.	1/6/16	Laminater	i and/or pate		1	[[[
ŀ	11.36		Medium Sandst	,	Gray and	i massive.						ICL E				111
F	2			7:		ay, massive	1000		-	1		100				ļ,-
		100			4 6 6 6	nicaceous. High dippino	n ne nok		벁	1.0		12				۲
F	3		F 2 17 1 1 1 1			:			Doub			100	i yer			13
F,			Coarse Sandstone		Long hard	cores and no	ot so		=					6 / III III I		-
F	7		Culturione			·			Σ					V		114
Ę	5	74.1							99			iX.		0 - 6 - 1 4	15 0	h5
	-				1		2.5									
ŧ	16.50					44 A B						100				16
Ē				////	Greenish	gray and m	assive.					100		Pilia de la la		ή-
E			Mudstone		16.5 to 1	17.0 m; Slak	y									T
Ē				1//	17.6 to 1	18.5 m; Som	e patches.					O.				18
E.	18.50	-	Siltstone &	17/19	Gray and	i calcareous.		}						6 / 1		<u> </u> _
Ė	19.42	ļ	Fine Sandst.	16/8/6	Laminat	ed and/or pa			$ \ $			~				19
	19.70 20.10			10,6 16		I massive. I patched.	:	СН				ixx		9 1 4 1		50
				17)	Gray and	d well tamina	ated.	- '				1				_
E	#			11/1/1]						151
2	2			1/1/2			: .			1111		1000				22
L	22.45		Fine	Ville	 _		<u> </u>					-		4 / 12 /4		
2	3		Sandstone	My		I massive.		٠,				œ				23
Ļ	4 24.00			1	23.5 to 23.	.1m Vertic .9m nish c	racks.		_			10C		72		ļ,,
E		1 .	1	1/1/	Siltstone			}	Double.)							24
1	24.77	1		1995		eo. y and lamin:	ated silt-	i i	a			100				25
E				14/1	stone	to very fine	sandst.		÷	100						-
ľ	26.20	1	1.27 - 1.27	11:118		dip in 35° t	<u> </u>		اة ا	· '		× 1				26
Ė	7		Fine Sandst.		26.2m; Bed Dark gra	d.slip fault cl ay and mudd ckish lig. fra	iay; 1 cm Ily.]	99			(0) (0)				2
E	27.62		Halling Free Control	1.52	1 1 7 1 1	4			°	l .		-		(Not restro)		_
k	8 28.37		Med to Coarse Sandstone			white gray v						icc		UVG JESTECK		36
E			Mudstone	6///	Dark gray	with some	patches.			-		,				-
ŀ	29.12	1	1	199		ký and weak. ďark gray	·	1			關	~				۳
E	20	1	Fine Sandst.	011111		ninated.		Ι',	11	1		iodii				130

HOLE NO. B81-18 SHEET NO. 2 OF 2

	ROJEC SITE				COORDINATE		1 1 1 1	-		DEPTH		ELEVATION DRILL BIG	
	RAGE		1		DATE	FROM		то		DRILLED	-	LOGGED	
_ <u>"</u>		1100000	ROCK TYPE	WANTED E	<u> </u>	<u> </u>	r		5	CORE	<u> </u>		
ATE:	ОБРТЯ	EVATION	OR	COLUMN	DESCRIPT	ION	ROCK CLASS JFICATION	BIT & DIAMETER	ROUNDWATER	RECOVERY	R Q D	WATER PRESS	15
ä	E	213	FORMATION	SECTION			[충립	BIT	ROUS L	95 00	JAX.CORE L	LUGEON V	ALUE S
L				111	29.43 to 29.48 m;			П				minimi	
31			Fine Sandst.	110	Fractured along bed 30.48 m, 31.23 m and		115			11120			31
ــــــ د ا			Sittstone	13/	Slip faults with clay						S.		
1 32 1				11/1	31,9 to 32,43 m; Cross tion					3	direction in	3614	32
33	32.67		Start 3	1/	White gray and micaced					∞			33
L			Medium	11/	Some laminated.							<i>t //</i>	-
35	31 60		Sandstone	1/	33.45 m; a high dipping	crack.				- X	X.	i A	34
35		i ar	Very Fine	1111	Dark gray and well lam	inated.	1			11 00 00 E	44	O 8 10	B 1 35
	<u>35. 43</u>		Sandstone	127	te, a tract				1 1 1				
E.36			Medium Sandstone	1/2	White gray, micaceous : Jaminated	at IO				0.00			36
37	36 95	3 1											37
1	37. 36	en en en en	Siltstone	ministration of the second	Laminated with fossil for 37,36 to 37,57 m; Frac		c _H					io	_
3			Sandy Mudstone	6/4	Greenish gray. Below 37,95 m; Patche		"		7.4.1		AL A		38
E39	38.60 39.07		<u> </u>	79Z <i>Y</i> .	Gray and massive.							6	39
		100	Fine Sandstone	111%	Gray to white gray and			ple)					
E 40	40.45		Saltusione	1///	laminated. Bottom part; Muddy.			Double)	24.7.				10 10 10 10 40
41	40.70		Mudstone	111	Greenish gray, 40.7 to 41.3 m; Muddy	and	{			\mathbf{x}			
L			Fine Sandst.	: X:	including white spot			60					
48	42.20			72 X				Q		00		(Not tested):	42
43	43.05		Fine Sandst. & Siltstone	11111	Dark gray and well fam	inated.	-	99					43
E.	-		Muddy	///	Some greenish gray and	i.i.	1						
44	43_95		Fine Sandst.	0747	massive Calcargous patched and	Vor							44
-			Fine Sandst.	13.71	laminated.		45, 10						
1	45. 20 45. 40	11111	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ZZXZZZ	Fractured layer.	- · · · · · - · ·	43,10						
15				1/1	Some laminated					0			46
47	<u>46. 70</u>		Fine Sandst.	XXXXXXX	46.3 to 46.5 m; Fractu	<u>-</u>	C _M					16 /	47
Ė	1		1 1 4 1	1/3/1	Well laminated. Slicken sides along lam common.	inae					y de la la	10 / 17	
ο <u>4</u> ε	47.86	74		177	Muddy and staky.					100			48
4	48.55		Fine Sandst.	1.2.2.	Dark gray and massive.		48. 55	1.5				54	49
¥Ę.	49.15		1	Δ Δ,	Dark gray and patched		В						
Y 50	50.GO	<u> </u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ο ο.	777		50.00	إحا		20		řieuri P. J. Y.	50
1				1,84 ±		1. 1	- 1						
E]						.						
F			1			. :							
E	100												
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-	17.												
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	1			100		1: 1	15.1						
F						, i							
	187					ing the	50						
F		· 经总额		1	The Part of	. 111.	147	16.					

RRQD is Rock Qubity Designation, RQDm (Total length of cylindric cores longer than 10 cm)/(Total core length) x 100% #LUCKON VALUE is Mainfay under injection mater pressure of 10kg/cm #IDEPTH and ELEVATION are in meter #IDEPTH and ELEVATION are in meter