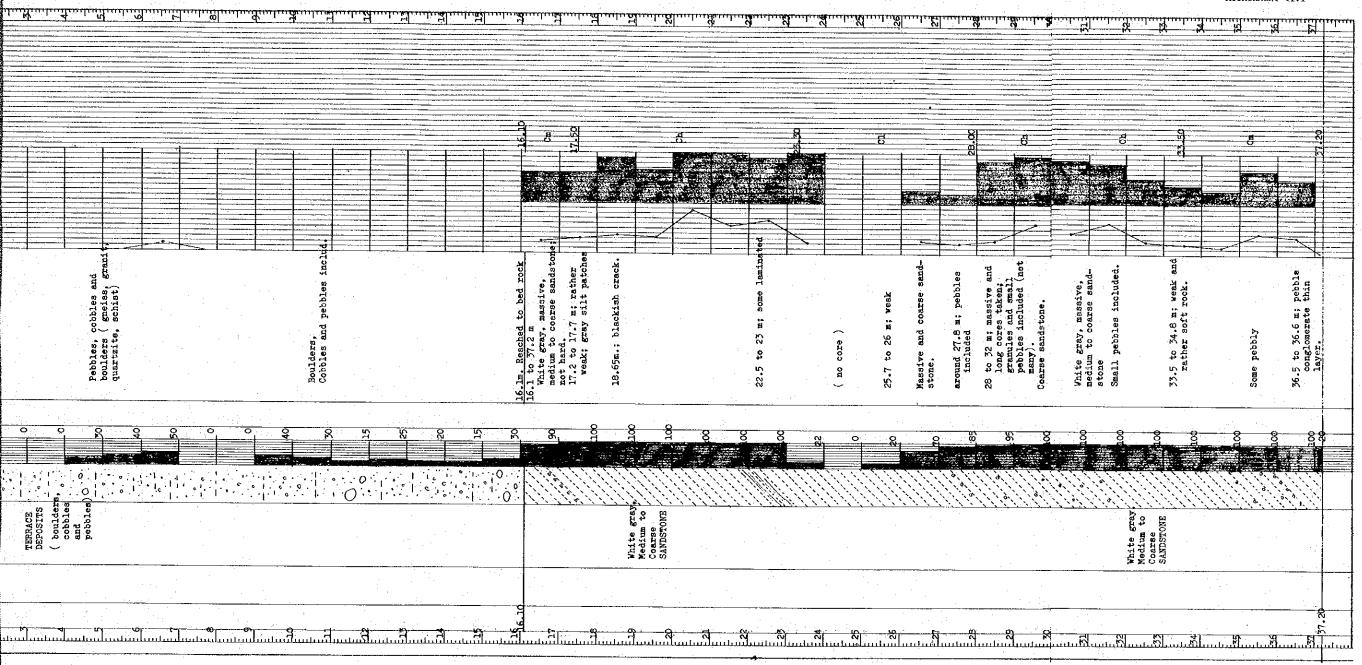
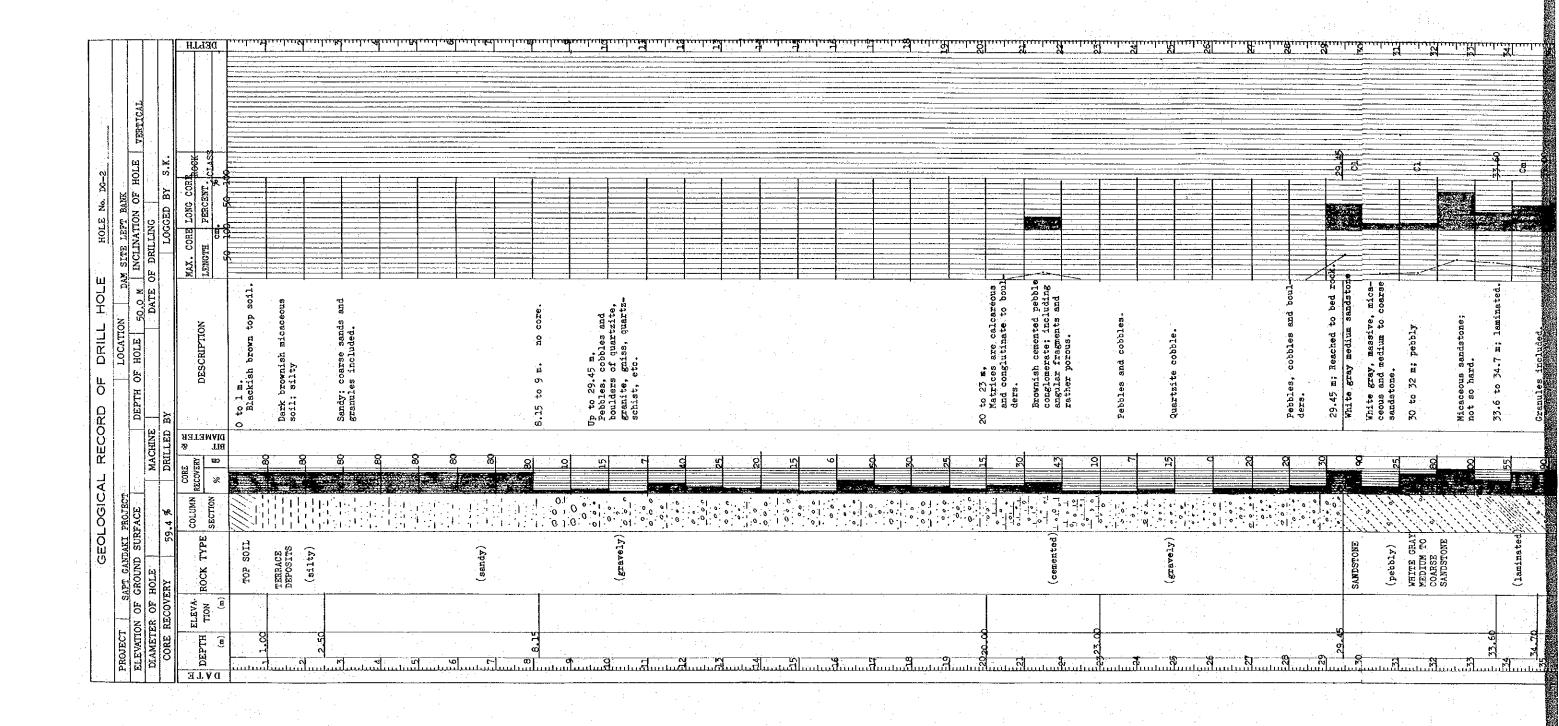
DRILL LOG (47 SHEETS)

DELLH DELLH	Thuring minghin that and an and an			
LETT BAINT INCLINATION OF HOLE OF DRILLING LOGGED BY S.K. MAX. CORE LONG CORE LENGTH PERCENT. ROCK LENGTH PERCENT. CLAS.				
RD OF DRILL HOLE LOCATION LEF DEPTH OF HOLE 37.2 m. BY DESCRIPTION DESCRIPTION DESCRIPTION Soils and gravels	(no core) Pebbles, cobbles and boulders (gneiss, granf quartzite, schist)	Boulders, Cobbles and pebbles inclu	lto 37.2 m White gray, massive, medium to coarse sandstore not hard, ly2 to 17.7 m; rather weak; gray silt patches l8.65m; bleckish creck. 22.5 to 23 m; some laminate	(no core) 25.7 to 26 m; weak stone. around 27.8 m; pebbles included 28 to 32 m; massive and long cores taken; gramles and small pebbles included (not many). Coerse sandstone. White gray, massive, medium to coerse sand- stone Small pebbles included. 33.5 to 34.8 m; weak and rather soft rock.
GEOLOGICAL RECO DAKI PROJECT ID SURFACE MACHINE 56.4 % DRILLED COLUMN RECOVER SET TYPE SECTION % 8 E SET			19 19 19 19 19 19 19 19 19 19 19 19 19 1	
PROJECT SAPT CANDAKI PROJECT ELEVATION OF GROUND SURFACE DIAMETER OF HOLE CORE RECOVERY FOR BECOVERY MENON CONTROL COLUMN FOR COL	TERRACE DEPOSITES (boulders cobbles) and pebbles)		White gray	25 27 28 29 30 30 30 30 30 30 30 30 30 30 30 30 30

,



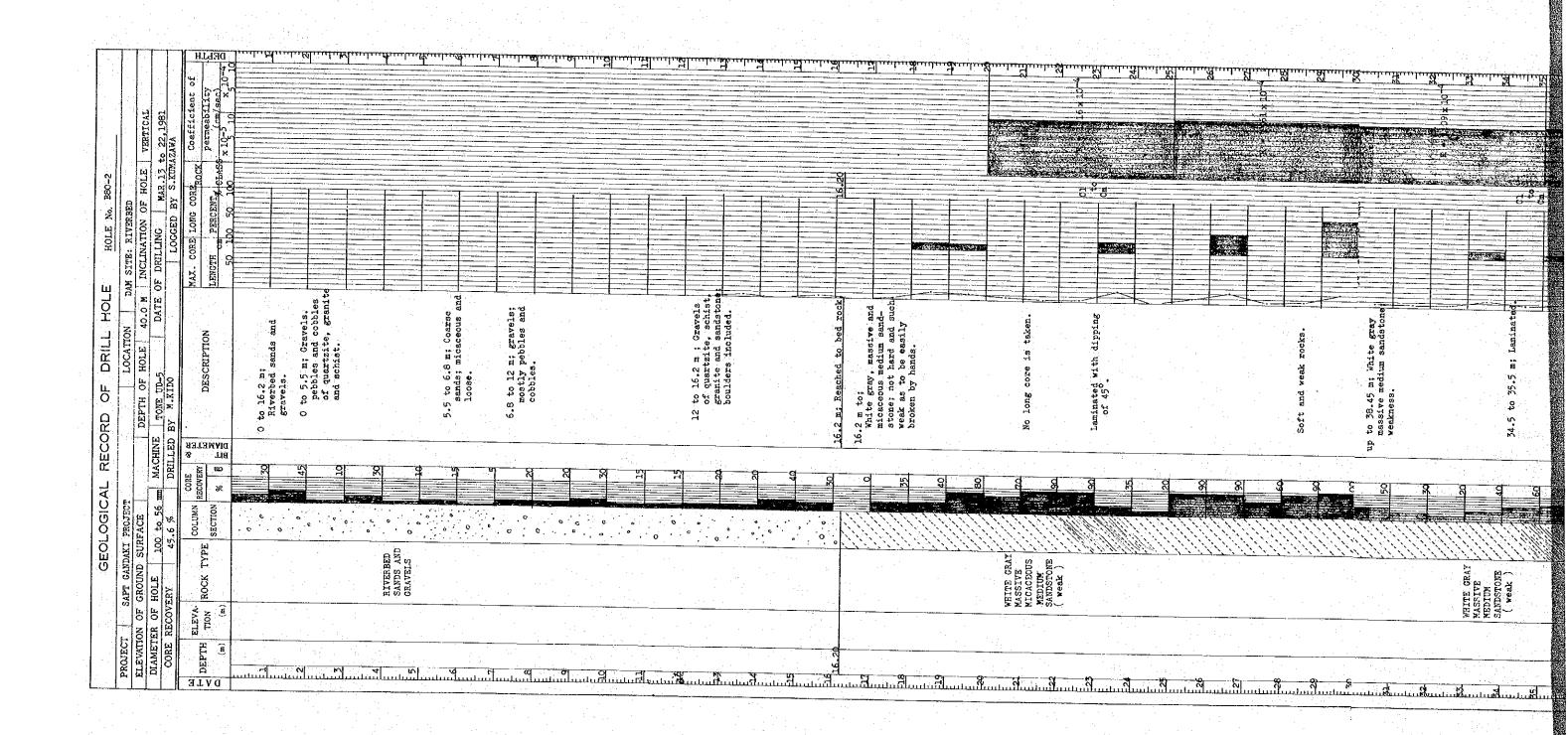


		เล็บบบเป็นเน็ฒนนพื้นนนพื้นนนพื้นนนพื้นนนพื้นนนพื้นนนพื้นนนพิ้น เ	
calcareous mate to bouldented pebble ; including ; and sand s.	es and boul- es and boul- ium sandstone ilum sandstone is styre, mica- in to coarse stone; stone; ded.	minated. m; e size gray- tohes; tohes us sandstone ther weak. laminated. pebble thin layer thin layer siye mica-	indstone.
20 to 23 m, Matrices are, and congluting ders. Brownish ceme conglomerate, angular fraggrand rather porous	Pebbles and colourtzite cobb ders. 29.45 m; Reach White gray med White gray mediand and media sandstone. 30 to 32 m; pel Micaceous sand not so hard. 33.6 to 34.7 m Granules included of the solution of th	39.05 to 39.65 59.05 to 39.65 Small pebbl ish silt pat ish silt pat ish silt pat 41 to 45 m; rest 45.5 to 46 m; l 46.5 to 46.7 m conglomerate	recous coarse sandsto Pebbly. 49.5 to 50 m; pebble conglomerate.
4			8 8 8 8
Ocement.	(gravely) (pebbly) (pebbly) WHITE GRAY WENTER GRAY WENTER GRAY MEDTUR TO COARSE SANDSTONE SANDSTONE	(laminate (laminate (massive)) (massive)	TO (PEROLE)
		25 25 25 25 25 25 25 25 25 25 25 25 25 2	

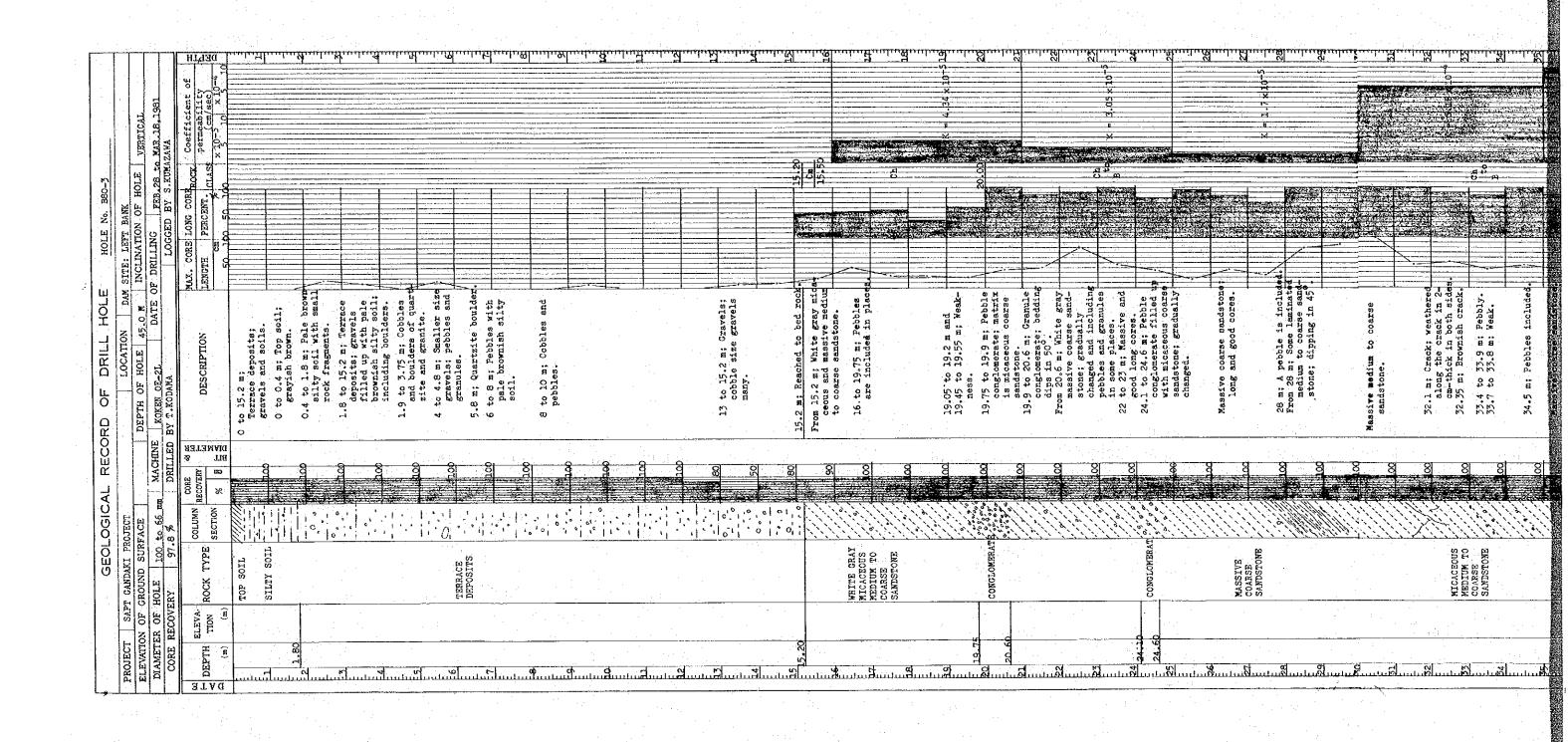
SECTION STATE OF HOLE 1913 N. INCLINION OF H	CAL PIYAGO	uluğunin Hadın Bandın Budı		
MACHINE MACHINE MACHINE MACHINE DRILLED BY RECOVER	CORPER CONTROL			
MACHINE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DESCRIPTION to 15.5 m;	hite gray, massive, increeous and medium coarse sandstone. To 17.5 m; Pebbles included. 7.5 to 19.5 m; weakne sult pebbles included. 5.3 to 19.5 m; weakne sult pebbles included.	Sm: silt to stone. thick) thick) i.	l long
	MACHINE DRILLED I CORE RECOVERY RECOVERY BIT BIT OO O	다. 대 월 월 월 8] 8]	3 4 8 8 8	

MACHINE TONE UD-5 DATE OF DRILLING FEB.23 to MAR.11,1981 DRILLED BY M.KIDO LOGGED BY S.KUMAZAWA E & E WE DESCRIPTION WAX. CORE LONG COREROCK Coefficient of ERWOTH FERCENT. CLASS Permeability B E E RIVERDE BY A. H. CORE LONG COREROCK CONTROL OF ERWOTH FERCENT. CLASS PERMEABILITY RAY CORE LONG COREROCK CONTROL OF A LOGGED SECOND OF	Pebbles, cobbles and boulders of quartifie, granite, schist, gniss, green meta-sandstone, etc. Quartzite cobble (or boulder); 14 cmlong core.	9 to 10 m; Cabbles and boulders are frequent. 10 to 12 m; Pebbles and cobbles. 11.5 to 13.8 m; Coarse sands layer.	t o	20. bedding. 20. bedding. 20. y to 2.2 m; Fine sandstone interbeddelg some greenish and moderately hard. 21.2 to 24.7 m; week. Not hard and some week. Massive medium sandstone; some week and no long	TEA, massive and cookered. Tea, massive and cookered thank to base and some weak.
METER OF HOLE 100 to 46 mm I RE RECOVERY 59 % I TION RECOVERY 69 8 % I TION ROCK TYPE SECTION RECOVERY (m) (m) (m)	RIVERBED O SANDS AND OPPORTED	COARSE	RIVERBED SAND GRAVELS GRAVELS OOO OOO MASSIVE MICACEOUS	SANDSTONE SANDSTONE	WHITE GRAY WEDIUM TO

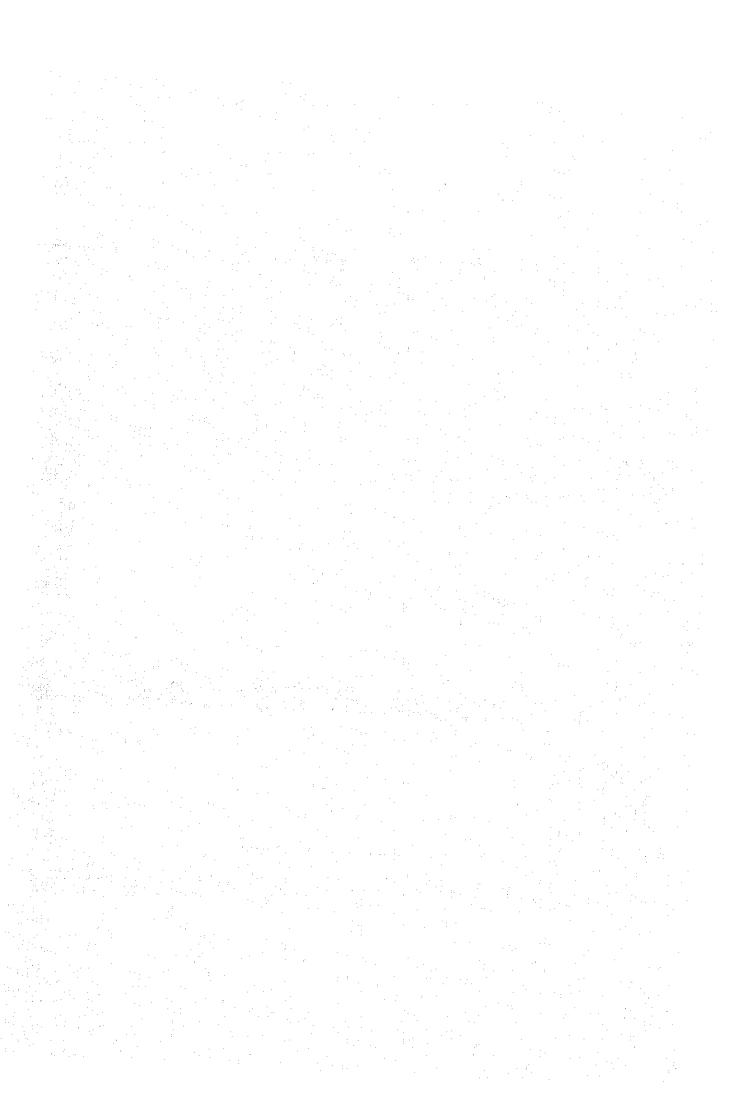
արանուր անույանում անույանուր անույանուր անույանուր անույանում և անույանուր անույանում և անույանում և անույանու	and and Sharin Handarkan Manda Anda Kandarkan	nahaitaalaalaaktaalaakta ka	2 4 manutuakuntakuntakuntakuntahuntun
		8,911	
ayer. ayer. ayer. length.	The control of the co	d. and and to weak.	tone. mall uded. rish calcat
	gray, massive and caceous medium to caceous medium to there. thard. to 20.15 m; White gray fine sandstone; interbedde; unclear bedding. 9 to 21.2 m; Fine sandstone interbedde some greenish and moderately hard. 1.2 to 24.7 m; Wot hard and some weak.	ive tum one;	75.3 to 79.4 m; Coarse sandstone. 78.5 to 79 m; Small pebbles included. 4 to 40 m; Grayish or reous shale; hard an
9 to 10 m; Cobbleos are louders are louders are cobbles. 11.5 to 13.8 m; Coarse sands 22 cm in cor Pebbles and cob	of the second se	White gray, mass micaceus med comre sandst not hard and	35.3 to Coar 38.5 to pebb 39.4 to 40
		26 65 65 65 65 65 65 65 65 65 65 65 65 65	20 12 8 8 12 90
COARSE SANDS SANDS SANDS CRAVELS	MASSIVE MEDIUM TO COARSE SANDSTONE	WHITE CRAY MEDIUM TO COARSE SANDSTONE	SHALE
			0000
	1 1		# \$



<u>மாக் வம் கொய்கியம் கியம் தியம் தியம் தியம் கியம் தியம் தியம் தியம்</u>	E E E E E E E E E E E E E E E E E E E	The state of the s	min & min in i
5.5 to 6.8 m; Coarse sand loose. loose. 6.8 to 12 m; gravels; mostly pebbles and cobbles. 12 to 16.2 m; Cravels of quartite, schistiganite and sandstonet boulders included.	Mite gray, massive and micaceous medium sand-stone; not hard and such weak as to be easily broken by hands. No long core is taken. No long core is taken. of 45°.	Soft and weak rocks. up to 38.45 m; White gray massive medium sandstone weakness. 34.5 to 35.5 m; Leminate	38.45 to 40 m; Dark gray mudstone; not hard. Slickenside in places. 39.5 to 40 m; Foliated and no long core.
	0 57 0 8 8 8 8 8 8	3 8 E S	
	A W FA	Sa Ra	NE WE
RIVERSED SANDS AND GRAVELS	WHITE GRAY MASSIVE MICHOUS SANDIUM SANDSTONE (Week.)	WHITE GRAY WASSIVE MEDIUM SANDSTONE (weak)	DARK GRAY MUDSTONE
		8 8 등 규 이 전 날 . 너 . 뭐	88 85 60 85 85 85 85 85 85 85 85 85 85 85 85 85
		nilinilinilini	



<u> </u>	<u>Amina amina mina mina mina mina mina mina</u>	mingining mingining	hundann Hantakan dan dan dan dan dan dan dan dan dar dan dar dan dar	duntalinut Manut Manutalini dan	ոլուգույլունիութարագրութարակութար
	00 1 X X 7 E	() () () () () () () () () () () () () (
8 5	29 0 0 1 12 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
Gravela; gravels; co bed rock; te gray midat	needium no. no places. no places. Nesk- Pebble matrix carse	te; bedding White gray White gray White gray dually dincluding d granules and granules faces. m; Pebble the filled up the fille	a included. learingted ree sand ree sand rin 45° in 45° in 45° arse arse athered th sides. crack.	n; Weak. ss included. s sandstone. m; Granules pranule im; Granules im; Laminaft co). im; Laminaft co). im; Pebble red along	i Weather- i; Pebbls. i; Pebbls. te gray stone; some -folding. i; Laminae -folding. i; Weathered sh gray. ne; lamina
13 to 15.2 m; Gre cobble size gransny. E.2 m; Reached to b	ceous and massive medium to coarse sandstone. 16. to 19.75 m; Pebbles are included in place 19.05 to 19.2 m and 19.45 to 19.9 m; Weak- nonglomerate; matrix is micaceous coarse sandstone.	Tron 20.6 m; White the conglomerate; dips in 50°; from 20.6 m; White massive coaree stone; gradual changed and in some places 22 to 27 m; Wassive good long comerate fwith micaceous sandstone; grachanged. Massive coarse selected and good long and good long constants from the micaceous sandstone; grachanged.	28 m; A pebble is From 28 m; Some I medium to coar stone; dipping frone; dipping sandsive medium to coassandstone. 32.1 m; Crack; wee along the crack; can be crack; compared to coassands	.99 m; bbles; bbles; cf m; cf	L A A L A A A A A A A A A A A A A A A A
8 20 9 9	8 8 8 8	8 8 8 8 8	8 8 8 8 8	8 8 8 8 8	
	1				
	WEITE CRAT MICACEOUS MICACEOUS COARSE SANDSTONE CONGLOMERAT	CONGLOMERAT	SANDSTONE SANDSTONE MICACEOUS	SANDSTONE	
					g
		2 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			



P	ROJEC	r	SAPT GAND	AKI PROJ	ECT		*****************	:		DEPTH	30 M	ELEVATION	
	SITE		DAMSITE A:	LEFT BAN	K	COORDINATE		1000	andi i	INCLINATION			TONE;UD-6
AVE	AGE ECOVE	CORE RY	77.7%			DATE	FROM OCT.20	TO N	10V.6	DRILLED	by M. KIDO	1.06GED	by KUMAZAWA
	6.2		ROCK TYPE	COLUMN				⊗ ¥	THE STATE OF	CORE	MAX. CORE	WATER IN T	EST .
<u> </u>	DEPTH	ELEVATION	OR			DESCRIPT	ION	BIT & DIAMETER	ROUNDWATER LEVEL	RECOVERY	LENGTH	PERMEABILI	[1
1	٩	EL3	FORMATION	SECTION		·		817 01A	CROU	% cm	50 CE	10. 20	
-			Top Soil		Darkin	eddish brown				100			
£	1 20						. i	W V					
- 3				0		rish brown ds and sills wit	ih gravels	Cose	1 1 1 1 1				
6	1 2.			.0	1141			96m/					
3										∞		Mex Core (engin 3
-				0 0	1,4 to san	1.6 m; Inckuli Astone boulder	ng a decomposed			銀機	417-15	d Bowli	
Æ.,										20			1
5		:::	:							100			5
F													
16							:						6
-			Terrace	_:_									
III.			Deposits			o o							
-8					8.5	0 m; Gravels ar to 9.5 m; Exte	remely .			100			8
Ė,					1 4	mie	aceous.					o.	
			1						1				
Ęω	1				1.0				1			i S	ի
	١.			0	10.6	n; Granite boul	lder.					0	- 1
		100		J- 40	1	 12 No				H 100			
12				0	1110	13 m; No core				0			12
									1 1 1 1			Y	
Ē	1				13 to	15.1 m; Dirty	gray and muddy.))))	1				13
14							1.			113100			14
F		, i .		===	14	.7 to 15 m; Bla	ckish						
(E15					15.1	o 18.8 m; Yell	and the group			W 100			15
16				—:i	and	l/or yellowish i							
-					\$1 1	with gravels.							-
F ²⁷					V	J. 18							17
18						ing a samulan samulan Samulan samulan samula	1.			00			i i i i i i i i i i i i i i i i i i i
1				0				dia	÷				
19	4 : :-	1.	Terrace	No) Qu	o 20.0 m; Grav lortzite and gra	nite boulders	E E		illi illi oo		(Indiana	e) IIII IIII
×			Deposits	0.0		are contained.							20
]			0.0		io 23.3 m; Dirt iy sandy silt wi	y brownish	99					
21	1				gra	ry serical sint Wi	in gravers.						1
Ē.,	1					Es							-
•				0		F							
2				0						∞			23
₽,			4	_0	23.3	to 30.0 m;	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			900			
-29		1. 7.				Including qua	rtzite boulders			1:11:1			24
25	V.			0.		commonsy.				i ışı			
F				<u>Q</u>									
21	1	31.1		0		4	11			- 7			26
E 2				00	1		Alberta La			30			27
٠ ‡ ،				0		1.1				30			29
28	1	1	1.5	LO	}			1					28
zF-				0.0						# # 30			29
25	1000			0.			- A. A	 					

	ROJEC SITE	3.4- (3.4)	SAPT GAN DAM SITE B; L			COORDINATE					DE	SATION	60 N VERTI		DRILL, RIC	TONE		:
VEI	ECOVE	CORE RY	98.	7%	22/20/20/20	DATE	FROM J	- Carrier Con			DRII	LED	ьу МОПВ		Logger			7
2707	рерти	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION		DESCRIPT	ron	ROCK CLASSIFICAT	BIT & DIAMETER	ROUNDWATER LEVEL	COP RECOV	ERY	R. Q. D IAX.CORE 50 cr	A L.	TER PRES		ST	HLGIU
12			Residual Soil	\$ 100 to	resid	eddish brown Jual soil (loan root frageme	-		84			100						1 2
3	4.10					ddish brown, y/sandy soil.		4.10				100 100			Arono (fe	200		3
5			18:		dece	ish gray omposed sand aceous,	stone.		gle)	:		100		9	Kurati Contain Lubain	itikot Flov M		5
7			Decomposed Rock (Sandstone)		wea	A promuist di A promuist di	ay one	D	(M.B., Sin			100						7
9.					wea mas 10.0 to	owish gray thered mediu sive and mica o 10.3 m; Dirt	ceous. y gray		99			10C						9
1	09. زز				11.7 to wea	(weathered s 11.9 m; Pate thered mediu	brown m sandst.	11.90				80 70						11
	12.65		Sandstone Mudstone		fine 12.65 to (mi 12.65 to 13.15 to	gray laminated to medium si 12.9 m; Frac nor fault) 13.15 m; Da 16.50 m; Grasive mudst; ra k and latent d	indstone tured, rk gray senish gray ther	C _L to C _M		14.50 FEB.10		ioc Ioc		, M	sk. Core Le KQ.D	w th		13
	16 <u>5</u> 0		Fine Sandstone		ema Dark g	black lignite Il fragments ray massive fi Istone	——————————————————————————————————————	16.00		7:45AM		000		(5)		Ź		!£
110			Fine to Medium Sandstone		White fine	gray massive r to medium s e. indistinct la	andstone					100		i0 6) / // 9.0			19
N. I.S.	i9.50_				med	gray micaceou lium to coarse o 21.0 m; Ver	sandst.	C _H				100		10 € 1	δ.) IS	<u>.</u> 'о	3
2	5		Medium to Coarse Sandstone	1		22,4 m; } 23,4 m; }	Some faminated		B , Double			100		15		734.	<i>7</i>	2
2/					1nc	o 24.4 m; lud, small peb			66 (D E			100		5 0 £	1	G 15	L o	2:
	26.4 <u>5</u> 26.95		Conglomerate	6104040	Jam 26.45 to with g	o 26.1 m; Ligi inae. o 26.95 m;Pel ray silistone c	oble conglo	26.95				100		15				2
2			Siltstone		calo Lamin	ray laminated areous siltsto ae dip 45° tray massive n	ne.	C _M				100		10 j	0.710			2
0 1 2 3/2 3/2			Mudstone Designation, RQD=		Green inclu siltst	ish gray muds d. dark browr one patched s	tone; iish truct					100		Į V	3. 1	2	i o	3

								٠,				٠			
,				in section			٠.	,*				A1	ггасимент-	e,11	
	۲-		***************************************	DRILL	ΓŌ	Grand and a second	<u>]</u>	IOLI	E NO.E	81-2	SHEET	NO. 2	OF 2		
	DATE	рерти	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	ROCKCLASS IFICATION	BIT & DIAMETER	GROUNDWATER LEVEL	CORE RECOVER	R. Q. D. B. MAX.COREL 50 cm		PRESSURE		DEPTH
		31 31 31,30		Fine Sandstone	2.6/.6/	Gray massive fine sandstone; muddy and includ, patched str	30.10			0					31
		30 31.40 33		Fine to Medium	1.20 <u>1.</u>	Gray laminated fine sandst. Fine to inedium sandstone; Some laminated	utrus e			0					32
	98			Sandstone		White gray medium to coarse				0					34
	FEB	- 35	-	Medium to		messive sandstone. Cores are long and not had.					Z	o		- 40	35
• .		36 37		Coarse Sandstone	1	35.6 to 35.75 m; Finegrains and laminated				100		2			30
		38			1/:	36.9 to 38.5 m; Fine to medium grains and including indistinct laminae.				3		lo 0.3			<u>31</u>
:	F 8 7	39					c _H			10		5			39
					0 0	Pebble conglomerate with matrix of white gray	Т	Double)		0				5	49
	FFB			Pebble Conglomerate	17.7	coarse sandstone. 41.75 to 42.1 m) Some lami-		0 8 0				15	L.		4
	-	43 43.25			000	43.05 to 43.15 m sandst.		9				10 φ			4
· .		ব্ৰ		Fine to Medium Sandstone		Gray laminated fine to medium sandstone; including siltst. laminae.		9				0	5 JO	_ = o	4
	6	46			1/1										45
	u	46 45 47	- -	Medium to	17.	White gray massive and mica- ceous medium to coarse	1			i i c		15 1.2	to T		4
		46	2.1	Coarse Sandstone		sandstone. 46.65 to 47.5 m; Some laminater 47.2 m; Dark gray siltstone						10 Ø			41
	0.822	49 49 10 50.00		Fine Sandst.	4 4	thin bad; 2 cm -thick. Gray massive fine sandstone with white gray patched str.	50.60					0) I (P	5 0	4:
				:											-
								1 +							
															-
															-
															-
							:								-
															14
ပြု															
LOG FORM-C						4 - 4. 									-
[2]	.					•		i							-

1 1 French Victorian Franciskii Shinii shinii shinii dhallada

ſ		PROJEC	r	SAPT GAN	DAKI PRO	DJECT						DEPTH	40 M		ELEVATION	1 14 1		
ſ		SITE		DAMSITE 8:1	RIGHT BA	NK	COORDINATE	:		;		INCLINATION	VERTICA	IL.	DRILL RIG	TONE, UD	-6	
- [ĄΫĖ	RAGE RECOVE	CORE	99.3	%	· · · · · ·	DATE	FROM N	IAR.10	TO N	AR,17	DRILLED	by KUMA		1,06GED	by KIDO & KUMAZ	AWA	
ľ	٦	. 11		ROCK TYPE	1	-	Part Marie Santana	enteres reconstruction	ပ္ပ ≍	× 5	ä	CORE		-27.00	ļ.,	,		
	a l	DEPTH	ELEVATION	OR	COLUMN		DESCRIPT	TON	ROCK CLASS IFICATION	ETT	ROUNDWATER	RECOVERY	R. Q. D &	WAI	44	URE TEST		
- [3	ä	À	FORMATION	SECTION				동합	BIT DIAMETI	[§ 4		IAX.CORE L. 50 cm		LUGEON	VALUE	i ga	
- }	ļ	т-	ш	7 (10.11.11.11.11.11.11.11.11.11.11.11.11.1					8 =	<u> </u>	.55	% cn		160005	a १६ जिल्ह्यामध्यासम्बद्धाः	3) 100-1100-11-11	50	
			1		<u>a</u>	Upper 3	0 cm; brownis eil	h gray		99							#1-1	
Ì	F	4	1				.1 m; Yellowis	h brown	ii	۱ <u>۳۰</u> ۲	ĺ						腁	
	Ė		İ		A.	mica	ceous soil with				1	ii ii io			Austru Pir Ikwemaj			
	E	1] .	Overburden	Δ	1	rents.			(a)				o		ate o Flow		
- 1	2	1					.7 m; Decomp fragments.	oseci	1 1	Single }	ł	i Anoc			lutalin o	nLinui i	133	
- ,	r.E.			29.7	_^_					3 1								
	\$	4	٠.	1.1				1		1.9(1		100					期组	
	-		l	1	·:A : . • 	5.0 10.5	.7 m; coarse sa	mdst.	1 1	Σ	ł						113	
-	E	7			4. 4.		ting the			99					Maximom G	ore Length	2	
	E	5.70	 		Δ	67.00	E average h	at and	5.70		Į.	111 59		rd i			E.	
:-{	1			1	6		5 m; weathers very coarse sa		Сլ 6.50						HOD (%)		11111111111111111111111111111111111111	
	E	4	1	1.0			a pebble and q]			95					7	
- 1	E			\mathbf{I}	٠.	100								ρ			#13	
- 1		s]		1	- : : :						1	E 100		- Y	0.2114 17	s in ta i m	8	
	F	9	1				ray, massive an s coarse sandst			1.				-Б			制力	
	F	1				cores	are generally		1									
-1	E	o .	1	Coarse		nots	o harð.		1 1		1	iα		o	5 . 10	[β]	0 10	
	Ŀ			Sandstone							1							
	. <u>F</u> 1	4		Sanditone	0 1 0 9	10.5 to	11 m; riebble i lonicrate.	to cobble				100					ալ	
- [Ę.	1		1.4	. 4	1	2.1 m; very coa		L		1			P	11 116	n to 15 m)	副月	
-	[2	2		:	۵ ۵		ding granules,					E Na Proce			######################################		12	
- 1	- ₿.	3		1		and :	oft rock patch	ies.	СН					10				
Į:	1	٦]				+ -] .]] .				2.93 tu			
		4				1.				-	14.350	III i oc		ď			14	
	Ē.		1						.[<u>v</u>						# 4	
- }	<u>[</u>	5				Redding	rdíps in 42°.]].]	{Mar. 18				1 0		9 5	
		15.48		Siltstone &	18.93		ay and laminat		1									
-	1	. 16.60		Fine Sandst.	11/3/	Daix gi;	ay and rammar	eo.		.	1				11		16	
- 1	Ŀ		-	 	1711	Doper I	alt; muddy.				ŀ	藤樹 :∞		15	17		3,3	
Ì		17.60		Fine Sandst,			ay and massive	<u>.</u>			<u>⊽</u> 17.70n			10	2.45 LL			
	ŀ	8		Siltstone &	189%	Dark or	ay and Lamina	ted	1		(Apr.7)	15.11.10C					18	
-4	NE-	-	1	Fine Sandst.	13/1	1	19.2 m; fractu		18.70		(Apr./1			5			11 1	
		9 19.00		-	1:18/							100		- 7			19	
- 1	¥E.	×		Fine Sandst.			ay and massive 9.9 m; lamina							o ^L	5 10	15	0 20	
ı	ľ	20 25	<u> </u>	-]	1515	stick	ensides.	· · · · · ·	ÇM.	å P]		Mag	р			114	
1		1			A /		h and weather rated and/or p		:	ő	1						21	Ē
		.	1: -		K ***		tures.		21.30	1123				15				HOLE
-	2	2]	Fine	I^??^^		٠,			0.8		© c		$\square I$	2810		122	įτ
1	Ē.	27		Sandstone	181	Clinton	dan and In te	olaur.	cլ	~				10				Z
	ľ	1			xxxx		sides and lault n places.	caays	[]	99	1						25	9
- :		4	[· ·		Burre	1					'	100	NA I	1			24	8
	E			1	XXXXX				24,40									8
	3	25		1 3 3	1.11							100		1	6 0		23	Ci
	F	25.55		_	ļ		slip with clay	seam.	c _M					P. -			1111	
<u>, </u>	۽ اِ	2					d massive.					i loc			II II II II		::: <u>2</u> 6;	
	- -	7					rides with clay 1 places.	seams	26,60		1			15			1,3	
	MAR	1		Fine					CL 27.60						(183 La			
	-4	<u>-B</u>		Sanostone		Below 2	7.65 m; Cores	are	27.60		[28	
	E						r long and not							1				~
J	E	29.10						······································	СН			四路00					29	١. ١
1		.]		Fine Sandst.	1.5.6		29.5 m; patch 30.2 m; lansin.			(o	5 0	100		
Ĺ	_E	×4 :	Ь	Designation, RODs	33733		SO.Z III, Tairsin.	ateu.	Щ.	لمسلا	ــــــــــــــــــــــــــــــــــــــ	DATESTICO	nassault			nicetal striker	-≍ I30	ب

^{*}RQD is Rock Quality Designation, RQD=(Total length of cylindric cores longer than 10 cm /(Total core length) , 100° +1.UGEON VALUE is I min/m under injection water pressure of 101g/cm

^{*}DEPTH and ELEVATION are in mere

HOLE NO. B81-3 SHEET NO. 2 OF 2

ſ	PI	OJEC	T.		:	······································				DEPTH		ELEVATION		7
		SITE				COORDINATE		:		EXCLINATION	11	DRILL RIG		1
	AVER RI	AGE COVE	CORE RY			DATE FROM		то		DRHLLED		LOGGED		
		æ	10 N	ROCK TYPE	COLUMN		ရွ် စု	BIT & DIAMETER	GROUNDWATER LEVEL	CORE	W	ATER PRESS	URE TEST	_
ŀ	DAT	рерти	ELEVATION	OR		DESCRIPTION	ROCK CLASS- LFICATION	NE.	CNDWA]	RECOVERY R.	O. D.A. CORE L.	LUGEON V	ALUE	EPT
.	"[۵	딦	FORMATION	SECTION		Š =	BIT	1085	% (m	SQ cm	2017.011	N 10 50	ä
. [1				XXXXX	30.2 to 30.5 m; fractured.	30.55	T						7
ŀ	31			Fine Sandstone	11	White gray and cross laminated.	ľ			ict \				31
ĺ	-32	-	4.1		111		CW		· ·		15			-
ı		32.60		1.	11/		3260					7 83 Lu		*
ı	-33				\bowtie	32,6 to 32.9 m; dark gray			ĺ	100,000	4 M			3
	4 -			Fractured	\bowtie	laminated very fine sandst. 32.9 to 35.2 m; greenish gray	C _L							4
- 1	MAR N			zone	KXXX	and weak mudstone.	D		1					3
ŀ	35	:				35.2 to 35.45; fine sandstone.				95 V	o	\$ 11.1p	16 O	S.
	-36	35.45				Gray and patched and/or	35,50				P			4
				Fine	4 4/4	faminated.								5
-	37			Sandstone	11/1					CO. 1		1 20/11		57-
	E	37.60			XXXX	37.4 to 40.3 m; stained with	շլ				10	4		-
	38	3 <u>8.30</u>	ļ	Fractured	$\times \times \times \times$	weathering.								**
	-39					Brownish gray and massive.		Double	ļ:·	ia ia				39
- 1	S 40			Fine Sandst.	Δ Δ Δ	} Patched structure.		ď			ď	6 1 10	10 0	-
	ne E	40.50			1////	f actied structure,	40.20	ä			Bill Ip			101
ļ	Ψ Ψ 41			Fine Sandst.	11/1	Gray, calcareous and		Σ				li i izl		1
.	42			and Siltstone	1666	laminated.		~	1		16	1 /		1
Ì		4250			11/3			99				7, 1.66		
	43	12		1		white gray, massive and			ĺ.	100		1/11		13
-	44			Fine Sandst.		micaceous.			1			7		
ı		44.65					c ^W							3
	45				······································	Fault clay; 15 cm, thick,	1 .			100 lin	71 1 1 1	i i i i i i i i i i i i i i i i i i i	. 15: μ. Ω:	45
	.– ⊏46					Gray and massive.								
		46.35		.							15			٦.
	ა 47 ა	+ 1	+ ;	Fine Sandstone	11	Micaceous and cross		4		roq 2		/ 1,62 Lu		17
- 1	- E		1.		117	laminated.					10	4		48
	ΜΑΝ -	48 25 48 65	-	1	XXXX	Fauit clay								<u> </u>
ſ	<u>1∼ 49</u>	49.20			1777	Dirty gray and muddy.	48.60	11001	1:	100	ोळका			49
į	MAR. 20	49.75 50.00			2 2 2	Calcareous and patched. White gray and massive.	C _H 50.∞	66(D.	. :		L o'	i 6 1 10	15 Q	;o
								•	I					1
						1.0								핑
.		٠.			1				İ					
	1				1									1/2
	₽	. :						ŀ						- 0
ı						1	•							88
	E							l:						2 – 18
j					fizi -									- "
			1											1
	1					i								1
	<u> </u>		: .											. militari landina
				1										- ·
	E	1 1.												
1														-
									<u> </u>					

^{*}RQB is Bock Quality Resignation. RQD= (Total length of cylindric cores longer than 10 cm1/(Total core length) , 100% **LUGEON VALUE is Utmin'm wrder injection water pressure of 10kg/cm2 **
**DEPTH and ELEVATION are in meter **DEPTH and ELEVATION are in meter **
***DEPTH and ELEVATION are in meter **
***DEPTH and ELEVATION are in meter **
****DEPTH and ELEVATION are in meter **
***DEPTH and ELEVATION are in meter **
**DEPTH and ELEVATI

HOLE NO.881-4 SHEET NO. 1 OF 2

		PROJEC	T	SAPT GAI	NDAKI PE	ROJECT					DEPTH	40 M	ELEVATIO	x	
		SITE		DAMSITE A; RI				~ ~~~~	;		INCLINATION	VERTICA			-5
	γĀ	ERAGE RECOVE	CORE	99	9%	DATE	FROM N	VOV.24	TO D	EC.3	DittLED	by M. KID			IVA
		:	·	ROCK TYPE			! .	y z	8 8	E	<u> </u>	kerna i			7-
	DATE	DEPTH	EVATION	OR	COLUMN	DESCRIPT	las.	PICATION	FT	GROUNDWATER LEVÉL	CORE RECOVERY	RQD&	WATER PRES	SSURE TEST	됩
	à	36	13	FORMATION	SECTION	Ond Cart	••••	ROCK	BIT	\$ E	[[¹	MAX.CORE L.	LUGEON	VALUE	留
	-							<u> </u>	h	<u> </u>	% cm	w Comment	10 30 30 (11) (11) (11) (11)	30 (0 1621001010101010	+
		7			-a,	Talus deposit	:		86	}					
i					·	Pale brownish sam			li						#4
	l	2		Talus	_o:	with decomposed fragments.	sandstone	1							
		_	1	Deposit	Δ	Trugittenes.			1	2.80			P Abdied	Pressure	
		3							1	(Nov.26)			(69/462)		13
]	^				III I	to 301/			C. Constant		11
		"								3.00M (Dec.4)			(Ust/pix	((a)	
	, 2.	5 5.00		1, 1, 14	Δ Δ			5.00							
	Nov.			11	1//	Greenish gray massive	e, sandy	СМ	4	1			000 00		
	1	6 20		Mudstone (gradual)		mudstone; incl. m 5.0 to 5.7m; Weather	icas. red & soft,				tiicc	Ŋ.	Fig. 8		6
		-	T	Micaceous		Gray medium sandsto				: -			Maximum (are Length	
	₽	4		Sandstone		massive and micac					100	1 1 1 1	c((cm)	17
		8 8.00		(Medium)									io _{lar}		
j		_		– (gradual) –		White gray micaceous		1 1		1					17
	25	9		Micaceous		coarse sandstone;				1.	in too			159310	9
	ò			Sandstone		subangular grains,							0		
	-2	101		(Coarse)						1	K E 77 1	Nonual	1 (P		10
- !		11				11.2 to 11.9 m; Soni	a laminat								
	l				111	ed dipping in 50°.		1 1	1 1	1					#1
		12 11.90	-	(unconformable)	77777		·			1	log	X. III			12
		- 1240	-	Silistone & Sandst	4/6/	Gray siltstone and time 12,40 in; Minor fault		-					10		
		(3	1	Fine to	1/1	clay of 3 cm thick		[.]		13.40	10x1	il Albania		4.9 LV	137
	56	14	1.	Medium	1	Gray, micaceous and laminated.	some			(Dec. 1.2)		*	5 - 7		
				Sandstone	1907	12.4 to 12.8 m; fine pate	sandst.	1 .				teN for			
	No.	15 15.00		1	3 M :	12.4 to 13.2 m; rath	er weak.		1		iod		5 111	0 1 15	15
	l	-		Laminated Sitistone and	1999	Gray to dack gray an well taminated wit							8		
		16.35	Ĺ	Sandstone	2011	45° dipping.				1	11211500C		4911/49		16
-	Nov 27	17	1.	Coarse	1/0/0	White gray micaceous sa some laminae and gray	ndst. with						15 /		
	-	17.25	ļ	Sandstone (unconformable)		green silt patch layers		}	} }						11
		18			Will.	Gray to dark gray silt to fine sandstone.					100		10 /		10
		-			11111	(Calcareous)	:			1			5 of 2.8 to		
		19			21/12	19.0 m; Brownish cra 19.7 m, 12.2 m; Pale					ıα		H = 1		19
	. 29	20			111111	craci						計分目	0 5	O 15 - C	
	ž		1		11/2/2	Laminated and rather	r hard	c _H	66			W III	.		
		21	i .	Calcareous Siltstone		21.55 m, Silt patched			le l		TI LOAT				21
	H	- 1		and	11/1/2	Well laminated; inclu- lossil leaves along		1 1	Doub	.]			15		
		22	[Fine Sandst,	1175	10331) leaves along	tenmiae.			1	134 (100)				22
		23	<u> </u>		196			1.	0			SEX. U	d -		
	}		}	}.	1111	Cross and folded law	inan	1 1		ł				16,1 (4)	23
	င္က	24]	Miller.	Cross and folded fami						Z	الكرا		24 0
	ò	_			14/3					1		歌 訓井	0		
	H				11/1/1	25.65 m; Crack with (minor fault)	gray cray	·[]							25
		26 26 00	L		11/1/2	trosum saviti	100								26
co .	1		1		1/1/	Dark gray massive mu		1 .		1					
FORM-B		21		Dark gray Modstone	1///	26.3 m; Incl. lignite frag				1	100				27
FOR					///.	27.5 to 28.4 m; Gray fit inicaceous sandstone	ne and	1 .]					io j		
100		28		1.00	///	White gray calcareous si	Itstone						4 23 Lu		28
[3]		29 20 20			1.13/1	patches in the botton	n part.	4		1			5 /		1
	ايرا	29 29.20	1-1-1	1	4.409.5	Laminated siltstone. Very fine sandstone		-		1			#]-
	ŏ	io		<u> </u>	1/1/	with siltst, patches.					100		Y \$	о в	30

,	~			DRILL	LO	G	Ī	<u>IOLI</u>	NO.88	<u>1-4</u>	SHEET	NO. 2	OF 2	
Ì,	al.	æ	NOL	ROCK TYPE	COLUMN		Fg.	S. ER	A ER	CORE	14 1 7	WATER PR	ESSURE TEST	
	T N	DEPTH	ELEVATION	OR FORMATION	SECTION	DESCRIPTION	ROCK CLASSIFIC	BIT & DIAMETER	CROUNDWATER LEVEL	COVERY	R. Q. D	2010/1906	ON VALUE	DEPTI
ľ	1	30.70			11:1/4	Calcareous Gray patches	30.60					mini		
İ	[31	31,55		Alternation	1944	Gray laminated siltstone	T			100				31:
١	32			of	11.	(Fault with clay) White gray fine sandstone,	CW	[] [i oc				32
ı	E.			Micaceous	1/3.	(Calcareous) Incl. tignite small patches.	32,50					(0/		
l	33	1		Fine Sandst.	(2.5)	32.3 to 32.85 m. Darkgray.				11100		1 1 2 3 1 4		33
•	بقاب			Laminated Calcareous	175	33,45 m. Stickenside with clay seam.	.c _H			loc				34
L	ĕ □ 35	34.60		Siltstone	1.4 1/4 7	Patched siltstone to line sandstone (dark gray)	-			a loc		0 5	O Life iii	
1	-	3530	1		82736	White gray micaceous	-	66				Pi		
ı	.36	<u>36.15</u>			1.77	sandstone Dark gray very fine sandst.	36.10	Double		ili loc				36
	37	37.25			10/4	Includ, stickenside in places. ——(Minor fault with clay)		60	111111111111111111111111111111111111111	iii loc				37
١	38	38.15			11:19	White gray fine sandstone	CF	ó	1			10	E104 L0	1,9
		30.,5		Muddy	17	Weakness	1				Ш. Т.	5 /		
ľ	ი 39 u =			Sandstone	1.1	38.9 to 39.9 m; Greenish gray massive sandy mudstone	38.90 C _H		1 2	li lioc	Medall	V		39
	å[4c	40.00			4/.47	Micaceous.	40.00	Ш		i loc		0 5	(p 15 T	40
1	-													
١														
	L													H
١	L													
l	F													
ľ]				·								
۱	1								[1-1
					1.5									
ľ	F		: .											
١								•						
ı	F	-										HEL		1
Į	E													
l	F		:			1 1								
I	F					* 4 *								
١	-													
l	E.													
	1			,	Į									
1	F													
]					1
1	F									eil Feil				
	F													5.1
														Š
١	1				1									100
1	E					10.0								
l														
								-	l - 1:					
١			'	· .										
1		i i									134-33-11			
ŀ]												
-	F						i							
										4.33				
1	F													

HOLE NO.B81-5 SHEET NO. 1 OF 2

	PROJEC	T	, , , , , , , , , , , , , , , , , , ,	ANDAKI PRO		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				DEPT	1	50 M		ELEVATION			
AVE	SITE RACE RECOVE	CORE		LEFT BANK	COORDINATE	FROM F		ro		INCLINAT		VERTIC/		DRILL RIG	TONE: UI		
	RECOAL		99,3%		100.10	LYON	7			DIRLL,	rr I	by NORBAI	T	LOGGED	by KIDO & KUMAZ AN	<u> </u>	
e l	Ξ.	ELEVATION	ROCK TYI	COLUMN			ROCKCLASS	2 H	CROCNDWATER	CORE		n o n i	WAT	TER PRESS	SURE TES	r	æ
DATE	БЕРТН	£.74	OR	SECTION	DESCRIPT	108	[충혈	T. AME	CNDWA	RECOVE	M	R. Q. D & AX.COREL.		LUGRON	VALUE		EP
1		ᅜ	FORMATIO	X 3			\& r	2 2	8	1 %	-	50 cm		19 10	-0 ±0	. 10	4
			Over burde	n 3.4	Talus deposit; brownish	4.5	1 1	86		11.3	-11						-
_	1 1 00			<u>~</u>	Pole brown to yellow	ich orași	{ {		1		10						-
ró :	2				decomposed soft]) .	撒脚。	20			ke/emin	84418	Ш	<u>-</u> تح
1				1.0					1		111			O. Constant	fine of Flor		
1	3	1	Decompos	ari i			1 . [1		ю			Lit/m ne	(Lin)	Ш	à
Ti-			Rocks	"			1.1	1									4
	3						1 .		1		00					H	4
	5										20						5
ς.	-	·					0	1	1								
83	6 .			7.7.14	Yellowish gray very f	ine .		6			χο		I. I.				6
-	-			1.77	j sandstone.			Sing						h-H-16-16			-
]		0 :0, -	Pebbly)]	B.S	1 .		4	heilele				Ш	7
Ē,	8							s	1		oc .		111 116			Ш	6
E.	8.50			_}		<u> </u>	}	661	1					Maximum C	om Lengtii Iomi	4	
12	9				White gray massive coarse sandstone	:	9 00	\vdash	1		∞ }	Norma					9
EB.	.0				9.5 m; Includ. small s		1 1	Ţ	1				سارا	ROD (%)			-
			1		subangular				1		Ĩ		P				
Ē	ഥ _		-		Long cores but		CL		[φ		ļ(₁ .				ų.
	-				rather soft.]]						15				-
E.	!Z			., . ,	12,1 to 12.4 m; Pebb	los with			ļ		2 6	/ 1				HÉ P	2.
L.	3		1	Δ.Δ.	siltstone patches		12.50		1		0		10	34.Lu			13
	-		1 .	ر ره	12.85 m; Includ, a po		1 1		1. 1.		120	VIII	5				
<u> </u>	4	ł	Massive	17.	Below 13.1 m; Indist	inct	1 1	1	13.90 ₂ FEB.16		œ	ALL.	φ.				14
-	5		Coarse		·				8:00 AM		_[1		o	5 10	15	Ω	-
1	*	ĺ	Sandstone	1.7			((Π	Ϊ	His "		t IXI	Þ				2
: 6	6		,		Massive and long core	es,			1		∞	III/JII					16
. [-	-			1.	but not hard.	:	CH	- e				//	15				-,
P	띡 ,		.]					Double	į		20		1-17			-	17
Ē	16		1	12.7	1			å		温斯	~		10	1.04 Lu			+
Ŧ.		1			}			1 20	1		~						
4 E	9	l :	1	12	19.35 to 19.5 m; Sor			坚			\mathbf{z}	Z I					9
8	-		1		ish Below 20.4 m; Include			99	1					5 10		0	-
<u>" ?</u>	201		. 1 25		and small pebbl		2040		ļ		20	i V	P	i i i			20
2	20.80		-[- Co. 6.	<u> </u>		CL				ω !		1.11				21
Ę	_ ·		Very Fine	1950	Dark gray and lamin		21. 50		1				15				-
î	22		Sandstone		21.7 to 22.55 m; Silts {21.7 to 22.1 m; 8lack			Н	i	311213	χω			1-1-1-1		4.	22
	-	1	and	1199	22.1 to 22.25m; Dart	y grey	1		į				10	0.64 Lu			1
Ě	-		Siltstone	1/27	22.25 to 22.55 m; Gre Well laminated.	eenish gray	1 ~ 1		1		۳,	1111					دع
ر ب	4 23 95	<u> </u>		44/0	23.3 to 23.45 m; Slak	Υ	LH		1		∞#		5 0				24
EB 15	24_70		Fine Sandst	4444	Gray, massive and mic	aceous.			1			制值	L			o	-
4 2	5			- - -	White gray, massive ar	nd	25.10	j i	1	Eddie v	00	441¥4	0	5 1 10	erie Period		25
E.			Medium	- }	micaceous. 25.2 to 26.35 m; Brow	wnish and		_]		o 1						-
2			Sandston	, [🌭	weak coarse sandst.		G.	ble			~iii						90
12	27.) '			26.4 to 26.7 m; Crack	γ	26.70	Double			90	Ng I	3				27
	27.70		1	1711	Below 27.3 m; Lamin	ated.			1				ю				-
1	20 T]	Fine	19.7.7	Well laminated fine sa	ndst.	1	0.0	Į		cq	1424	1-16	1,69,Lu		H	20
, E	-		Sandston	, 1/1/A	Below 28.6 m; Silty a fossilo leaves.		Cu	-				瞬間	5			H	20
9 2		1		13373	Slickensides along common.	laminae		99	}		~	YET I	1 1			闅	
FEB	29.75	 		- 11/1/19	Bedding dips in 35°						œ		o	1 4 1 16	15	M:	30

				TO DOVE T								ATTACHMENT-II.15
				DRILL	<u>L()</u>	G	<u> </u>	IOLE	NO.	.B81-5	SHEET	NO. 2 OF 2
	_ ا	<u></u>	Q.	ROCK TYPE	COLUMN		SSS	성유	TER	CORE		WATER PRESSURE TEST
·	<u> </u>	DEPTH	EL EVATION	OR	144	DESCRIPTION	ROCKCLASS	MET	UNDWAT	RECOVERY	12. Q. D	LUGEON VALUE
	1	· 🙃	E	FORMATION	SECTION		ROCKCLASS	BIT & DIAMETER	CROUNDWATER	92 m	54	B B W
	T	30.40		_Mudstone	7277	Greenish gray and massive	30.70					
	3	4		Patched-like	Δ Δ	Greenish mudst, and pale brownish gray celcareous	30.10			in 9		31
	3	2		Breccia.	Δ Δ	siltstone are patched each other; hard.						6 6
1	Ę	32,30	- -		7. 7.77		В			130		
	3	3		Sandy	1391.	Pale greenish gray calcareous, faminated and hard.	-			1 10		90078 u 43
	F			Sittstone	14.81	32.4 to 32.9 m; A vertical						
1	200	31.30			1992	crack with calcite seam.	34.20	-	j .	THE STORY		
	11 3	5_		Mudstone		Greenish gray and massive.	C _H 35.00					0 3 10 16 35
1	F-,	35.55	ļ		0/0/0/0	Lower part, Includ. patches.						
	30	1		Very Fine to	Δ Δ	Includ, green patches.						
	2 3			Fine	Α.Δ.	Below 36.6 m; Laminated, Includ, reddish and greenish					国际 错	15
	9			Sandstone	11:	thin bands.					H KANDE	10 0.89 Lo
ł	139	38.30			11.19	Below 37.9 m; Dark gray silist.				1		36
1	3			Fine	1.11.17	Upper: Massive and muddy].				網網	
	Ľ			Sandstone	^ ^ A	includ, black lignitic spots. Middle, Patched.	СН					39
	4	40.20			£33	Lower, Laminated and sitty.	to	Double	1000	10	LE X	0 5 ID 15 40
-	-				Δ Δ.	Greenish gray and massive.	В	ది			10.60	
		41.30		[<u>.</u>	Includ. small patches.		(0)	ĺ	10	THE STATE OF	
	EEB.19	42.05		Fine		White gray, massive and		اة		Ha 10	try (
	噩	42.50			<u> </u>	Pale brown siltstone patched.						10 4 1.14 Lu
Ì		43 20		"	17.7.7	Cross laminated.		99	İ	15.78 10		
	4	44.05		<u> </u>	01/1/1	Sifty and well laminated. Includ. fossil leaves.				188 10		5 2
-	F			1.14	12.77	Dark gray massive and micaceous,		$\ \ $				0 5 10 5 0
-	1	45.30	<u>_</u>		1775	} Laminated.				10		5 10 15 45
J	9			Fine Sandstone	1333	Calcareous, sitty and well	1 4.					
	ᇵ				13731	laminated.						15
-	8 4	4			14/16	47.9 m; Bedding slip fault with	47.40			11 to		1.18 Lu 47-
1	41	47.90			1.11	2 cm thick clay.					撒人	10 48
		48.60		Mudstone	11//	Greenish gray and massive. with black lignitic fragments.	C 48 60					
	n 49	{		Sanders	Δ·Δ·Δ·.	Muddy fine sandstone	8			i i i io		49
		49.70 50.00		Sandstone	Δ. Δ. Δ.	with calcareous patches. White gray medium sandst	50.00			10		0 5 IO I5 50
-	Ľ				1	Canada dida mediani senisi.						
1	F	-										
	E	1	1111			100						
۱.					.							
	-						į				日本語	
		1				tea ex						
-	E											
	Ŀ										la de la la la la la la la la la la la la la	
-	F	1										
4	E			∤ , ,			1		}			
- 1	Ē.			1.5								
ļ	F	1	:									1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5
	E	1				1.1.1			r			
1	F											
-	-	• •	5.75							1 1		
-						A. Land						
	السطاسا	1						. '				
1	L											
1	-											landari da a cia ta langulari al
	F	[]									UFF TO THE	
			100									
.	Ē						.					
L	Ė	Li	<u> </u>	L	L			ĹÌ	L		بالنساب	

HOLE NO. 881-6 SHEET NO. 1 OF 2

AVI		TE CE	CORE	.i.	DAMSITE B: F		COORDINATE				·	EXCLUSATION	· f · · · · · · · · · · · · · · · · · ·		DRILL RIG		
7 (1	REC	OVE	CORE RY	·		34.4%	DATE	FROM FEB.2		-	Land	DRILLED	by M. KII	100 20	LOGGED	by KUMA	ZAV
G G		12	NOL	d	ROCK TYPE	COLUMN			*	DIAMETER	ROUNDWATER LEVEL	CORE	MAX, CORE LENGTH OF BOULDERS	WAD	TER PRES	SURE TES	T
DATE		127	ELEVATION		OR	SECTION	DESCRIPT	ION	L	ME	CADWA CEVEL	RECOVERY	DOULDERS	:	LUCEON	VALUE	٠.
Ц			ដើ	_	FORMATION		<u> </u>		BIT.	2	<u> </u>	96 cm	so en		10 N	30 45 (1) (1) (1) (1) (1)	50 101(11
Æ	٠,			1					ļķ.	21,	River						Ш
8	1			1		J- <u>-</u> 0	Above 7.6 m; Gravely Including boulders		Щe	6	Level: 1.0 to 1.5	10					Ш
3	2					0	quartzites, meta	rsandstones and	ı	٠.	meter above the	40					Ш
1	-]			- }	e		granites).		∭		Surface of sand						##
· in	3	٠.			1 + 1	0,					and gra	30					Ш
3.21	4	1									vels.	40					剻
FEB 21	-		. 1			0					2						Ш
F 23	7	į,		1		0.						40					#
- 6	6			ſ					.			35					▥
F 25	-			-	, t	0	1 1										Ш
1000	7			1		1. 0			.	-		15					Ш
	8	-					100					25					
98	-			- 1	Riverped		7.6 to 14.0 m; Sandy		.	.							1
EB.	9				Sand and Gravels		Including tertiary : fragments	andstone				Q					##
7	10			-		- ^	l a a c					0					
FEB 27	-			-						-	٠,						牃
쁙	14	٠	ļ	- [<i>.</i> .		₩	ole)		O					棩
	12			-	· · · · · ·					Bil; Double		o					
-	-1			ł		 			₩	=							
1=	!3	10							\parallel	0.9	٠.	20					
828	14			.	٠		1			66.0		5					盂
FEB	-				2.5	*	14 to 20 m; Sand and	gravels.	╢	9							#
ŀ	15	4 j	ŀ	1			,			Coring		30					#
	16			1					111		3.11	30					
ŀ	- [. 1			1 -			63							Щ
ΞĒ	17								111			15					
MAR	18)	-					∭	Cosing		10					
7	-1			1		, 0			\parallel	۷							40
Ż	19	1.5							∭	1		25					
1	20						20 to 32 m; Gravely	1.1				10					
	-			-1			Including boulders kinds of boulds		∭	∭							4
AAA.	21			١		0.	quartzites (dom schists.	inant)	-	50		80					
	22	:) granites.			~		70					
MAR.18	-					a	(tertiary sandst.	(rate)									
7	23		·		100	• 0						80					##
6	24											80					Ш
MAR 19	-		1						\parallel								
2	25		[15.0	0			-#			50	A H				纖
2	26			-					⊪			50					Ш
8	-			1		2				I	1						
T	27.		i .:					•	\parallel			50		H			卌
AR 21	- 28		<u> </u>			0				- (1)	11	60					
\$	- [٠.							-								
1	29			1						.		80					讄
	30					<u> 0</u>						60					齫
Z	RQ.	U is R	och Qualit	y De	signation, R.Q.D.	(Total length	of cylindric cores longer th	an 10 cm!/\Total	core le	agth)	× 100%						j y
莱	LUG	۱ ۲۰۰۱ ۲۰۰۱	ALUE S	I/mir HAN	n/m under injection Lase in meter	water pressu	re of liky/cm										100

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

[1	PROJEC	T						····		DEPTH		ELEVATION	1
ŀ	AVE	SITE	COSE				COORDINATE				INCLINATIO:		DRILL RIG	
ļ	7	RAGE ECOVE	T	·	γ <u>-</u>	· · · ·	DATE	FROM	TO		DRILLEI)	LOCGED	
	DATE	рертн	ELEVATION	ROCK TYPE OR FORMATION	COLUMN		DESCRIPT	ION	BIT &	GROUNDWATER LEVEL	CORE RECOVERY	MAX.CORE LENGTH OF BOULDERS	WATER PRESS	171
	MAR 24 MAR 23	2		Riverbed Sand and Gravels	o . o	32.0 to 3	33.7 m; Sand a dominant.	nd gravels:	ole)	,	40 30 9			25 25 25 25 25 25 25 25 25 25 25 25 25 2
	MZ6 MAR.25	5					34.5 m; Micace 36 m; Sand and	eous sand layer.	56 (D Bit ; Dou		39 39			35 35 35 35 36
	اعتماستهما اعتماعتماه													
	سراسه استوسيات بالتواسية													
	السراديين المساليسا يساعسا				:									
	والمتعاوية المساوية							· · · · · · · · · · · · · · · · · · ·						
	بسامسا عبراه واسطاعتها													
	بالمسائسية المعاسطينية						:							
	hadaadan berilandandani						· · · · · · · · · · · · · · · · · · ·							
	The state of													

-		· .	DRILL	LO	G			NO	B8I-7	SHEET	NO. 2 OF 2	
	рертн	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	ROCK CLASS IFICATION	BIT & DIAMETER	GROUNDWATER	1.1.		WATER PRESSURE TEST LUGEON VALUE	DEPTH
31,	30,70 31,10		Sandstone	///	Brownish gray and massive Brown siltsione patches.	œ	֓֞֞֟֟֟֟֟֟֟֟֟	_6) () () () () () () () () () (KİB	10 80 60 50	31:
32			Muddy Sandstone		Brownish gray, massive and inicaceous Brown and gray colored				<u> </u>		. /	32
33 34	3320	- -	<u></u>	<u> </u>	patches. White gray and massive:				α		3//	33
35					micaceous sandst. 33.3 to 33.6 m; A high dip				o e		V 1 10 15 10	. 54 - 35
36			Mediam to		crack (82°)	:			io.			36
37 38			Coarse Sandstone	771	Massive and long cores. 38.0 to 38.35 m; Medium grains	:			o o		/ 178tu	37 38
30	38, 35	-			and la πinated. (Bedding, 32° dip)	с _Н	Double		ıo		5)	39
40					39.8 m; loclud. a lignitic fragment.		80		2 0		6 5 10 6 7	40:
4: - 42		54 L 1			40.0 m; Black lignite lamina in 3 mm thick,		66 (D.		10		5 0.01	41 42
43	43.10	·		Δ Δ Δ	Rock condition; Good Gray to dark gray siltstone			:	lo	// i	10	43
45			Sittstone Patched	4 4 4 4 4 4 4 4 4 4 4	patched - like structure; subroundness to patched: like shape and mostly				100		ō 5 0 15 0	44
46			Layer	Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ	pebble size. Matrix; white gray micaceous coarse sandstone.				10			45.
47	46.60		Medium to		White gray, massive and micaceous.		į		· ·		/7/26 Us	47
49			Coarse Sandstone	11/1	Bedding dips in 35 48.7 to 49.0 m; Fine and laminated sandstone.				0		101 II.	49
⊈ <u>-</u>	50.00				Medium sandstone	50.00			10		9 5 10 IS 0	50
سلسانسا							4.					Intersection 1
												den den l
استاسا												late latel
استلساح												nda da
سلسنسلس					i. New York	:						in on East
وطلسطات							. ". . 8 * 4					and an international control of the second o
Landau La								1.4				A Section
								·				den kanta
		1			,	- 1	· 1		1 1 1 1			1 3

	E.	AGE (ORE	99,7	IGHT BAI	·	DATE	FROM N	1011 12	TO N	DV 12	DRILL		VERTIC		DRILL RIG	TONE; UI	
ed sy	RE.	AGE (7	* *****	-	DATE	L KON N	77		ULKY TVA	DRILL		by M. KII	T==	LOGGED	by KUMAZ	#00
DATE		DEPTH	ELEVATION	ROCK TYPE OR FORMATION	COLUMN		DESCRIP	ION	FOCK CLA	HETE	GROUNDWATER LEVEL	CORE SECOVE	RY N	R. Q. D A AX.COREL 50 cm		TER PRESS	VALUE	50
	اا	9.39		Top Soil			own. In gray and ched.	· : .	0.30.	86 <u>.</u>	4,5 m above (Spring from		70		1 04	Applied Pe (kg/cm)	****	
NOV.13	-2	2 IO 2 67	11:50	To Fine	11	Laminat	ed and cracky	 /		66 IV.	about 32 m.: in depth)		00		Ö	Coostant R (LII/miri pa	we of Flove	
4	4	3.60		Sandst.	13.50 No.		sh gray and m		Cu.				Ω Ω			Maxieum (RCD	ole Centro	
NOV	5	4.75 5.20	· .		SSI	and han	d. I <u>rc rust-color</u> e						00					
	6	5.85	<u> </u>		777	Silty. Includ.	lossile leaves a	lạng lạming			٠.		95					
4	7	6.80 7.30		Mudstone			6.8 m; Fractu	red	6.50		7.15 ¥		95	V V	₩ ,			
	В	8.60		Fine Sandstone	116	7.73 m;	d well lamina slip fault clay	r: 2cm. _thich	См		Nov.19 8:30 AM		;cc		5			
NCV 15		9.00		Siltstone Fine	1.11.11.	Gray, п	y and lamina assive and ver some sittstone	y tine.	9.00				200		o	101u 3 ID	15	0
Ĩ	7 =	9.97 10 85		Sandstone Siltstone Siltstone &	757. 157.5.	Lamina					- :		00		ľ			
-	12	11. 3 <u>9</u> 11. 78		Fine Sandst.	1		d massive.						0		15.			
-	13			Fine Sandstone	1/1.	13.2 to fold 13.4 to	13.3 m; Craci ling laminae. 13.6 m; Rathi	er weak;	Сн				200					
97.70	14	13.76 14.27		Fine Sandst.	701		n slickensides ay and massi		.				col		1 6	13134		٥
N.	15 16			Medium to Coarse Sandstone		tam 15.3 m; Mic	14.75 m; Indi inae. Includ. pebbl aceous.	es.					20 20		2	/	<i>)</i> 5	
	17	(6.8 <u>8</u>		Mudstone	1//	Greenis	luding pebble b, sandy and r lignitic small	nassive.	16.70 CH 17.60				100		15	7		
17	19 19	17.76			a		d calcareous s			Double			00		5 9	/33tu		
NOV	2C 21	19.40		Fine Sandstone	11	Lamina 21.1 m;	ray and lamin e dip in high a Fault clay 2 o 21.45 m; Fr	engle of 70° cm-thick,		66 I D.B.			20		/ O	5 10	; 2	
	22	21.45					d massive; wit small fragmen						100		15			
 - -	23	22 65		Na. di			slip with clar am thick.	/ seam of	1		}		100		5	3220		
NOV 18	24 25			Medium to Fine Sandstone		White g	ray and massi	re.	СН				1001 1001		0	1 1	1 15 11	Ċ
	_ 26	25.60 26.20		Pebble Conglo.	0 0 6		siltstone pato						100	II.			14	
4 14 17 9 8	27 28	28.30		Coarse Sandstone	101	mid Some la	ray, massive a caceous. iminated and a small siltstor	including					00		ió	IJ.		
617	29	28.30 28.68 29.20		Mudstone		<u>Dark</u> gr <u>Calcare</u>	onz ziji barene	ed					xc i		3			
2	3C) D : P	ck Ozalite	Siltstone Designation R.Q.D=	(Total lenets	Calcare	ay and patche ous and very I	hard	Total		100%		.co		ø	\$ 10		H

DATE		рертн	ELEVATION	ROCK TYPE OR FORMATION	COLUMN SECTION	DESCRIPTION	ROCK CLASS	BIT & DIAMETER	CROUNDWATER LEVEL	CORE RECOVERY	WATER PRESSURE TEST EL LUGEON VALUE	
	31 32 33	30.15 30.45 31.50		Calcaraous Siltstone Fine to Med.		Earninge dip in 42 Patched. Dark gray celeareous shale. 32.3 to 32.6 m; Patched. White gray and micaccous.	S I) DI	28.0		2 X X X X X X X X X X X X X X X X X X X	
2) NOV.20	35	33.56		Sandstone Siltstone and Fine Sandst.		Well laminated: Includ, some fossile leaves along laminae, White gray and laminated.	c _H	66 (D. B. Dauble		0 0 0	x 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
22 NOV.	39 39	37.60 38.65		Fine Sandst	\$ { ! 	Fossile leaves blackish laminae Some greenish and massive. Cracks developed by staking Gray calcareous siltstone patched. 38.65 to 39.35 in; Breccia-like					22 Lu 32 S2 S2 S2 S2 S3 S2 S3 S3 S3 S3 S3 S3 S3 S3 S3 S3 S3 S3 S3	
	السالسالسالية	٠.										
	تسلمهالها أسا											
	السالية المالية السالية											
	بالتسليد ليسليطي											· .
	بالخيطين أحيالهمال								· · .			
	سلستسلسر لسيا										HO.	
	والمناسلين أ										HOLE NO. B81-	
							-A] 0 00	
	بإيسابيطيسا سلسا											
		: : :										

	P	OJEC	r T	SAPT GAN	IDAKI PRO	JECT		-			DEPTH	40 M	ELEVATION	T	
		SITE	cons	DAMSITE	A: LEFT B	ANK	COORDINATE :				INCLINATION			TONE UD-5	
^	RI	AGE COVE	RY		80.4 %	i. Maringarana	DATE FROM C		er unerur		DRHLEE	by M. KIDC	LOGGED 1.0	by KUMAZ/	/W/
l _s		Ξ	NOT	ROCK TYPE	COLUMN			S S	BIT &	1 S 1	CORE		WATER PRESS	ORE TEST	논
OATE		рертн	EVATION	OR	SECTION	800	DESCRIPTION	ROCK CLASS	AME	BOUNDWATE LEVEL	RECOVERY	R. Q. D.A.	LUGEON	VALUE	EP
	L	3	3	FORMATION	SECTION		·	용교	ភាព	8	's cm	50 cm	10 10	33 L3 50	<u> </u>
18	1	17				Vaccaón	deposit;		100						-
Ł	1				\bigcirc	grav		l .1]}	ľ	60		al a bi baccai	717 (7197)	13
1	-2				Ţ.Ţ.		ding boulders of trites and granites.				25				2
				Terrace	• •	quae	trites artes grantites.						P. Applied Pres	ulia III.	
1	3		٠ .	Deposit	0 0	1,4 to 1	S.m.				5		(00/201)		3.
1	4				0		ented Conglomerate,		/// i				O/Composit Rela		_
20	F				ō.								Literato par	1	-
2	5				120						10				5
	1			· · · · · · · · · · · · · · · · · ·	-Q º										-
	6			1	-				(()	v 6.30	0				6
	7		Ì		O-	Gravels	with			, *.	30				7
1	1		1		0		vnish sandy soil.								Ĩ
χ	8				· •		****		86		5				8:
į	Ē	9.10	1.44	1	120				((()		10		Maximilm core in the section b		3
۲		3.10				White (gray massive and		╽┞╌╌			TRICK	RUD		
	10	1.1					aceous medium sandst.				85		P		10
1	Ē.,				1111	10.15 (o 11.3 m; medium to				100				
1			ĺ.	Massive	1/1/	tine	sandst, with indistinct	[[[[/	ľ
	12	:		Sandstone			ne dipping in 54.				100	#X III	15		15
	-	111					n; includ, a peoble					\$48\# ii	10 LLZ		_3
	:13						14,65 m;			1	a: 11111100	7.100.000	1 - 1/- 1		13:
18	14		ĺ.,		[]	MIEG	ium to coarse	[]	[[]	1 -	local local		5 0 74.Lu		14
-	т.	14.65											\mathbb{Z}	1 4	
10	<u></u>			Pebble	0 0			11.	66		100) 5 ID	ii 15	15
	16			Conglomerate	0.0		And the second] .	1	í i	1 1/		١٠
	Ě		[000	16 to 1	6.8 m, Includ, cobbles.						1 1 7 7		110
ĺ	17	- 1.	•		ا م م ا	16.8 to	17.8 m; Pebbles and				100	Λ			17
	Ę.,	17.60			0.00	gran	the state of the s			1			10 /		-
	18	1		Mudstone			sh gray sandy	CH]			1 / 4710		IB.
1,5	[19	19_20		isioustone			ist.; fatent creks mon and week.		_e		100		5 Ø		19
1	Ŀ		†	-			20.8 m; White gray		Dobul				V 1 5 1 10	o	
+	20		•			fine	sandst.; massive		11 - 1				3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.05	20:
	E21			1	22	١.	some soft.	[.	(B)) :	1111100				31
	-				1///		24.3 m; Micaceous		~			SIZETTI	15		
	22			Sandstone :	[2/2]	med	ium sandst.; laminated				100		1+121		22
	E-27	٠.	1		12/1/	Leade	dîps in 36°		$\ \cdot \ $		~				2.5
) .	.]	12/1	ramin:	י מינים ווו מלים]]]				/59 Lu		
-	24			1:	[f/f]	24.3 to	25.3 m; Coarse sand-				100		1/1		24
F						14.5	e; not so!l.						0 5 10	9	-
٥	25	25.30				ne v =	ing comments of and helpe				100		Pi		25
1	20	25,80		Siltstone	34/2/	slips al	ray, some hard and being ong laminae sh gray, massive, mud-			.	N N				26
	Ę.	26.55		Sandstone		dy and	micaceous		$\ \cdot \ $				15 <i> </i> <i> </i> <i> </i> <i> </i>		П
1	27			Sandstone	4 4		iray, massive mica- and muddy medium			:	50				27
	28	27.95			4 4		me with patched str.		$\ \cdot \ $		100		10 / KR		28
1	Ė	28.40		Mudstone	1111		ray and sandy	1]]]	1					13
	29		ļ : .	Sandstone			white gray massive accous fine sandst.	1 14			C 100	THE MALE	5 / 1		58
ŀ	E	29.90		Sans regine	4 4	Lower	gray, patched and very some brownish patches	29.80				11/2/1		1 - C	
L	<u>r30</u>	23.50	<u> </u>		1.4.4	L	pome crominal patents	1-5.00	لللا	1	11:::::::::::::::::::::::::::::::::::::			estriko print	130

[#]R.Q.D is Rock Quality Designation. R.Q.D=1Total length of cylindric cores longer than 10 cm²/*Total core length x 100°.
#EUCGON VALUE is Uminim under injection water pressure of [Gkg/cm²
#DEPTH and ELEVATION are in meter
#DIAMETER is in millimeter

								:					
			1.5	DDTT T	τ .	σ.	5	NO 0		A		MENT-11,23	
	Γ,	<u> </u>	T	DRILL	LO	G .				SHEET		OF 2	
	DATE	рертн	ELEVATION	ROCK TYPE OR	COLUMN	DESCRIPTION	ROCK CLAS- SFICATION	Groundwater Level	CORE RECOVERY	R. Q. D	i .	SSURE TEST	H.L.
	ı.	ä	<u> </u>	FORMATION	SECTION		SF 25	CROUN	96 tsa	50 N	LUGEO B 29	N VALUE	DEPT
	Nov. 1	31 30.90		Mudstone	1/4	Greenish and weak Includ, brown slit patches	C _M - 31.00		W.,			Z.	1
	П	32		Sandstone	Δ	Brownish dirty gray muddy tine sandstone; massive					5	X	
		32.40		Siltstone	3,2	Patched str. in lower part. Dark gray, brown patched and hard.	- 1		₩"		1		32
		33 33.05				(Sheared along bed; 1 to 2 cm th.) Upper 10 cm; greenish mudstone.			00		1		32
	Nov. 2	34 34.70		Sandstone	Δ Δ	Gray fine sandstone with white gray patches.	C _M		*	j Line	\mathcal{J}		34
	Ż	35		Siltstone		Dark gray, calcareous and laminated, Sticken sides along laminae,	C _H		uii ∝		p s	b j iš iji Q	35
*		36.50 36.50		Mudstone		(Sheared along bed. 3 cm (h.) Dark gray and shaly	-		1111111100				36
		37		Sandala	1/11	White gray to gray, well laminated.			i i i		15	Z	37-
		36 38 40		Sondstone	M	fine to very fine sandstone Micaconus and cross laminating.					10	acu III	3.00
	'n	39		Sandstone	4/1	Top: Blackish gray mudstone: 1 cm. Greenish gray massive muddy sandst.			α		5 /		39
4.4	Nov	40 40 00		Salastone	111	39.8 to 40 m; Inc. lignitic fragments.	40.00				0 5	10 15 0	40
		and un	1		:		* - *						
		dani											
			\ · ·										
:						:							
						* + . *. ·							
					.*								
						1.1							Turing
	,		: -		ļ .								
							1 1						
:			1										
								: .			1:1:		
													100
								:					
	1				:							Liliani	H
													HOLE NO. 881-9
		nd north											NO.
								:					-18B
			1										9
							-						11
· .	ĺ,					141		· · i.					And Anthony of the
9					1.14.7								11-
LOG FORM-C								.* .					
707						·							
<u> </u>					L								11
	_												

HOLE NO. B81-10 SHEET NO. 1 OF 2

	PROJEC	т		SAPT G	AND	AKI PROJ	ECT				: ,	· · · · · · · · · · · · · · · · · · ·	DEPTI	1 40 M		ELEVATION		
	SITE		1	DAMSITÉ	A: L	EFT BANI	<	COORDINATE				1 1 1 1	INCLINATIO	W VERTIC	AL	DRILL RIG	KOKEN O	E-2
AVE	RAGE RECOVE	RY		4	48.19	6		DATE	FROM N	IOV.4			DRILLA	D by M. K	DO	LOGGED	by KUMAZ	١WA
ω	Ξ	O.		ROCK TY	PE	COLUMN	1	for the same		SS S	BIT & DIAMETER	ROUNDWATER	CORK	w. E.sta.	WA	TER PRESS	URE TEST	٦
DAT	нтазо	ELEVATION		OR		SECTION		DESCRIPT	108	POCK CLAS: IFICATION	T AME	UNDWAT	RECOVER'	- MAX.CORE I	.l	LUGEON	VALUE	10
1		티	4	FORMATIO	ON	dia tion	<u> </u>	· · · · · · · · · · · · · · · · · · ·	<u></u>	8 =	BIT	8	76 cm	50 cn	1	10 10	N 10	30
				Red Soil	. !		Reddi	sh brown soil,										-
Ė	1,20	<u> </u>	-1		÷		1 % 3 %	Totalista			1		2					H
	4	.	ľ			0.0		cobble & a Ozt dy soil with ro				1	60					2
-		ļ	1		11			fragments and										:
	레 .		- 1			<u>~</u>							60					3
E			-1		·	·							60					1 4
1			-		Soil)													▓.
	4					Α						ľ	150					5
Ē,	5	[Sandy	Δ		l, decomposed : gnients.	ock		86		70					6
-			- 1	1	S						m/m							
Ĕ.	4									1 .			34	D				7
Ė								.					BI 80					a
E	8.30	 		- - -		ā <u>.</u>	last	d, Boulders										Щ.
	믝		-	•		0	} !!!!!!	{Ozt.}]			 					9
E	o					<u>.o</u> :-		4.		54			8					iii u
Ė	.	1	- 1			-		100	., :									
P	1				.			nish gray colore	d and		-	1	121 1		1			1
6	2				~		16516	aceous.					50					12
-					Sandy)													ШŢ.
Ë	3]	1	1		ŭ,		1.0					:	111 30	1 1				11 11
	4				.								34					1
L				. 1			100											░.
Ē	5 15.0		-,	<u></u>								1	80	1				11. K
1	6			Gravels		<u>~</u> -		es, cobbles and		-			50					h
	_]	•		<u>ဖိ</u>	<u>~</u>	0.	рог	ilders.	:									
F	4		-	\$	Gravely	, , ,	·						3(11
1	8 18.0	Ĺ,		Deposits	ပိ	0_0_	·						40	o				11
E				Ö) .		j						Ш.
E	થ :			8		_ •			4.				30	2				15
	g	١.		Terroce							66		30					2
E		'	ł	ř)	٠. ١		Granu	tes and pelutes		}	m/r							∦.
E	4					:-	1,5						20	1				2
12	3			e i de la companya de la companya de la companya de la companya de la companya de la companya de la companya d	4.								30					1 2
E	-	1:	ď							} •								#J-
ľ	3				<u>\$</u>								34	4-1-1-1				2
12	9				đ.				11				30					2
F		1	1		(Sandy to Pebl		1 .					ľ	30 30 30 30 20 20 20 20 20 20 20 20 20 20 20 20 20					2
متنسطالا عطيسطالا المساد	5		1		> . T								# 13X	4				1112
	6				Sanc	-	1						24					1 2
Manufacture of the second				•					٠.									: 2
F	7												2					2
Ę	38] .)))		2					2
					٠.							(Dec.27) 30.00						Щ.
, E2	9 29.0	F	-	1 하루스		_ <u>- </u>	:					(Dec.27)	34	0 11 11 11 11				2
E			٠.				Silty.		1.0			30.00			###			#1.

[#]RQD is Both Quality Designation. RQD=Total length of cylindric cores longer than 10 cm // Total core length × 100 < #LIUGEON VALUE is Unmin's under injection mater pressure of little em
#BEPTH and ELEVATION are in sector
#DIAMETER is in millimeter

LOG FORM-B

ATTACUMENT-11.25 HOLE NO. 881-10 SHEET NO. 2 OF 2

٦	PROJECT										DEPTH ELEVATION			
t		SITE	1.5%			COORDINATE	17,		:		ENCLINATION		DRILL RIG	
ı		RAGE ECOVE				DATE	FROM	7 7	то :		DRILLED		LOGGED	
f	T	1, 5		ROCK TYPE	<u> </u>	Iurennia				· E	7			
		БЕРТН	ELEVATION	OR	COLUMN	DESCRUT	TON	ROCK CLASS	BIT & DIAMETER	GROUNDWATER LEVEL	CORE RECOVERY	R.O.D&	WATER PRESSURE	⊢
- 1	5	DE	LE.	FORMATION	SECTION	nescure t	104	19 5 5	T WAI	DANC LEI	T. T.	R. Q. D & MAX.CORE L. 50 cm	LUGEON VALU	ル 闘
ŀ	╁		ш	1 Omnite tota	-	<u> </u>	<u></u> -	55 =	α <u>α</u>	Ğ	A CIR	50 cm	n n h	10 50
1	F				- :]						
-	[3]			(Silty)		1.0					60			313
١.	32	32.0		S			- 1				60			L L
ł				1 1	0 0	. :		.	Cosino					•
	33		•	🖁	0				86		60			
1	F	Į .	·	Deposits	0 ,			1.	n/m					
1	E30		1. 1.		M	any cobbles.					60			14
į	35			Terrace	00					1	50			
-	F	1 1		Terrace					tambons .		50			35
١	36		\ .	F		a karaja di		1) ·	20			
	E.	.		'	[0,0]	104		1	6.20]				
	27	1			<u>o</u> 0	obbles and boulde	ers.	1.			60			37
1	· 🖺	37.60				<u> </u>		<u> </u>			36			
	36			Siltstone and Fine Sandst		gray well laminations and		CL	ďá.	ļ.,	10			329
1	39	38.70		 								VIII III	aximum Cole Length ((m) 39
1		2.5	11	Micaceous Sandstone	38 7 to	gray micaceous m nostone. o 39,4 m; time to	nudium	c _H	66 mm,				1 D.D.(%)	
ŀ	- 40	40.00	<u> </u>		39.4 10	o 40.0 m ; medius	a to coarse		$\perp \perp$			HIM T		40
ļ	F	ا · ا	 	1					·	}				
1	E	1 .			.	* .		2	Ι					
									Ι.					
	. 🖺] : .					•		.					
1	Ę	ļ				Seat Contract				•				
١	-		1.	1					100	ŀ				
1	[-		ļ.			* :				1				
1	F	1.00	.	1 .										
1		1								·				
	E	ļ ·							1.					
1	F								!					
	F-	1		1.			Ada d	:	l :					
1	F		1.				1.			ŀ				
1		1							l'					
						•								
	E	1	- :			. i								
	Ë	1	ļ											
١	E	1			}							4-44		
1	E	1	l											
1	E]	F						.					
1		1					:,							
1	. E		l .											
1	F-					***								
1	-	1				3 S								
			1.			1								
1	F	1							ļ ·	ļ				
]	7.3	* .		1 4 45			٠.					
1	E							:						
1	Ē.		100							1.5				
.		117				4.1				200				
J	-	{	[·		1 1			7	1	7 V				
١				1.			1 .							
		1		1	1 1			1.5						
	F			1	1	Kalin Tight and			·	1				

^{*}RQD is Roch Quality Designation, RQD=Utotal length of cylindric cores longer than 10 cm³/Total core length a 190° n *LUCEEN VALUE is Visindan under injection water pressure of 101g/cm³ *DEPTH and ELEVATION are in meter *DEAMETER is in millimeter

LOC FORM-B

HOLE NO. 881-11 SHEET NO. 1 OF 1

		ROJEC	t - [SAPT GAND	AKI PROJ	ECT	11.0		ť.	'	141	DEPTH	30,6 M	30.6 M FLEVATION				
		SITE		DAMSITE B; RI	VERBED	c	OORPINATE	1		<u> </u>		INCLINATION	+	-	DRILL RI	G KOKEN,QE	-2L	
	AVEI	RAGE .	CORE RY	33	3.4%		DATE	FROM J	AN.10	TO N	AR.3	DRH.LED	by BISHU	NU	LOGGE	~h~~v::::::::::::::::::::::::::::::::::	AWA	
				ROCK TYPE	COLUMN		- recommend		8 8	8 B	83	CORE	***************************************	WA	TER PRES	SURE TEST	7	
ĺ	DATE	DEPTH	ELEVATION	08			DESCRIPTI	on .	ROCK CLASS	BIT &	GROUNDWATER LEVEL		R. Q. D & MAX.CORE L.		LUGEON	4	- I∑	
.		. Ci	373	FORMATION	SECTION				[충필	BIT	308	(a) Cm	50 C		i.uur.ox	VALLOR	DE	
	ON I				0_0	0 to 30.2	m;				River				imain		Ť	
	3 1			1	0.0	24116	ed deposits; I and gravels			JIO!	water Level:	30	f i i i i i i i i i i i i i i i i i i i				Шũ	
1				1		0 to 2.0 n	i; Gravely;			(Casin)	2 m above						#	
	₩.					granite	ng quartzite boulders.	and		86 Cosino	the sur-	40	h	-			2.	
	N 3				+						face of gravel.	15					# 5	
	<u> </u>		1 13				1.0										1111	
.	E 1			1	3/25 7	3.3 to 3.7	m; Sandy					20					4	
. 1	7 -	1		1	0		1			111 11			2.7	1-1	(Bekila		#1	
	5				0							30			1 00000		5	
	6								1 1			5					-	
ı				Riverbed														
ļ	ω 7			Deposits (Gravel)							ĺ	20		ļ., II.,			7	
	- E-				7,77						-						# -	
	N B	1 :									·	15					8	
. 1	2 9			1	0.	Sand and	gravers.		1 1	# 4	} .	20		-			e	
l	DAN					14.	-											
- 1	Ele	4		1					1 1		}	40					110	
	26.					- 1			1 1		·	30	;					
	NAN DI	1		· [1 1 × 1			
- [Ę₁₂					.*						80					,2	
- :	52		1		ò	1	-											
[N 13	1		1	7-7-3				1 1			25		li	f####		3	
- [14				0 0							3		1	1111			
ļ	E			January (a.								3	it. I					
	m <u>15</u>	↓.		4								25					15	
	83.				0					흥								
	J [10					14.				Double		1 15						
Ţ,	8 17											15		i H			17	
. 1].		1	0				1 1	8								
ļ	<u>_</u> [18				. 0					-		5		ļ. ļ.			19	
.	<u>"</u> -			1	J	100]]	99							# -	
-	H 19	1	.:		0.							110					19	
	ω _{ED} 20] .		1			1. 1]]			20			4 4 4		20	
	3				0	19.5 to 2 Gravel				4								
;.	თ <u>2</u> 1	1			0 0	Quarta	ite, sandstor					60			+444		51	
	0 22	*		Riverbed	0.		nite boulders amonly cont		-			70					22	
	7]]	Deposits				•					[[]				֟֟֓֟֟֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	
	2.	3		(Gravel)	0.0	1		-	1 1			70	11.1.1	<u> </u>			23	
	-		[1.75		٠.						A + B	H			-	
	B 2/	†			v;-					.		70	/h=}+	H			24 25 26	
	2 2				0			1		[]] - [[1 1	70					25	
	8			1	0	1	:	100			, ,							
	5 5	1							.		1	60					26	
	F.15 F.14]		1	0	97 14- 0	7.5	- 1										
	և <u>27</u>	4			:0	27.1 to 2 Sand i						60		H			#J ²⁷	
LOC FORM—B	2	3				27.5 to 3	0.2 m;			Щ		50					28	
S.	201917 5 16 1					Sand a	and gravels.										28	
]نّ	1 29	4		1	O					63		50					29	
3			3, 11, 1		1 '					183							H .	
_	2 2	30.20 30.50		Fine Sandst.	0	White gray m	icaceous and c	alcareous	C	98		10 15		tt			30	
	31											13					31	

ERQD is Rock Quilis Designation. RQD=(Total length of cylindric cores longer than 10 cm. (Total core length a 190).

#LUCEON VALUE is Afginic under injection water pressure of tolkg/em³

#DEPTH and ELEVATION are in meter

#DIAMETER is in millimeter

HOLE NO. B81-12 SHEET NO. 1 OF 2

ſ	PROJECT SAPT GANDAKI PROJECT											DEPTH 50 M ELEVATION					7				
		SITE		DAM SITE B:	LEFT B	ANK	COORDINATE	T :				INCLES	SATION	VEF	TICA	l.	DRULL RIG	TONE	JD 5	1	
	AVER RI	AGE (CORE RY	99	%		DATE	FROM J	AN.12	TO JA	N.26	рви	.t.E.D	by A	. ŚAK	AI.	LOGGED	by KUM	AZAW	A	
			THE REAL PROPERTY.	ROCK TYPE	F 3.			An and comme	Ā	ॐ ≒	Ĕ.	COF	, 1		Targetti.				*****		
	1	DEPTH	ELEVATION	or	COLUMN		DESCRIPT	TON	ROCK CLASSIFICAT	BIT & DIAMETER	ROUNDWATE	RECOV		R. Q.	6	WAT	ER PRES		ST	Ĕ	
	à :	DE	3	FORMATION	SECTION				ROCK	BIT- DIAM	15 H	-		MAX.C	OREL		LUCEON	VALUE			
ŀ	+	r	(1)		min		· · · · · · · · · · · · · · · · · · ·		ᄣ	m - m	<u> </u>	DITTO IS	100				19 20 1	30 20 12	50.		
-1	-	•	į į	(Top Soil)	<u>-</u> ` —	Yellowis				99 84											:
- 1	÷	1	٠.	Talus Deposits	Δ	talus dep	is and sandy iostis.						# ^O							녆	
- 1	2	ĺ	1.7	Берозиз																	
- 1	E	2.20														, i i i i i					
	3		:			Grayish o			1				100			M	ximum Cox	Langth			
1	Ŀ						ind and gravels	5.						1	1						٠
	4.				<i>⊇</i> :°	(Sand	y)			_	1 2 2		lod			hi di				4	
1	L 5			1.		3.8 m; G	ranite boulder			916	4.50 V									4	
1				•		5.6 nr; Q	uartzite bould	le:		Singl	Jan. 28 8: 20AM		H _O Q	###						5	
	6		1	Terrace	1-0	Subro	und pebbles.	1	-	n	O. E. O. A.		10.			PΑ	pplied Press	me t			
	1			Deposits	0	7.3 m: M	lica Oz schist l	oulder.	1	×							(kg/cn ²)			1	
ĺ	m 7.	7.70	'		-2.0-					99			100							7	
- {	8 د	7.30		-		<u> </u>					: -					o c	onstant Bat	e of iPlow ier Line ar i			
ŀ	758				:	(Gravely	;				-		100		##				4	8	
İ	9				-0																-
- 1	ľ				l-0-	9.5 to 10).2 m; Boulder	· ·		Ш			М							3	
	E	. '			120	t0.2 to 1	1.8 m; White	grayish		B			iod							[]	
	-				 -	and si	Ity.														•
J	5					1.1		:) .				ico		1:1	, Jar					
Ī	-	:		1 :		11.8 to 1	3.9 m; Pebble	s,	l	_										1	
ı	is				. 0. 0	cobble	es and boulder	s.		as l			od							123	
- 1	9 13	:			0.0	(rouni	dness).			Σ				:: -::::						-	
	5		:	177	0.00		c, dirty grayist	ı		99			ľ							135	
١	214	13.90		See delege	0.0		muddy.		13.90				9		i 1					14	
	E	(4,00∕ 14.70	* *	Sandstone	Ship	Dark grav	ed fine sand y calcareous si	istone Itst.	1					-14		/ M	ximum Cur	e Length:]	
١	15	15.30			777	14.0 to 1	4.7 m; Lamin	ated.	CF	11			100	Щ.,						15	
۱	E.	19.00		Siltstone	779		5.3 m; Massiv y; not calcared		15 50	1				. ×	إحدا	1371	R.O.U.	(20)		-1	
	16	16.50			111111	15.3 to 1	6.5 m; Lamin					# 1	19		-	: 42	/		-	:61	
-	17	10.50	-	 	7.7.7.		of structure. Gray muddy r	nica-	1						15	15	- Y-H-1			-	
		İ				ceous	sandstone; m				ļ		11		'i i		7 -			"	
	18	17.75		4	F		ot hard.		-				100	i N		10	7			18	
- [Į.						ay micaceous r tone; massive a		G _M					LN.		5 /	3.4 Lu				
ŀ	<u>- [19</u>	l		Sandstone			weak.		"				icq	1/		9				19	
- 1	<u>.</u>						1.1		í l					Y		o ^V	5 lb	16	Lla:	-1	
	-20			11.		1			.]		1		<u>#0d</u>	1 1						203	
- 1	21	21.15								i I			70					3 1 4		, i	
	Æ	21.10			4 4		h		21.10								1				5
- 1	22						21.4 m; Gree Iv sandstone; i			<u>.</u>			,80			15				2	đ
- 1					Δ	and i	ncluding white tone patches.			Double						10					,
- 1	22						aone parcnes. e brownish (w	eathered).			* :		lod	1/		11/				23	5
- 1					Δ.,		24.7 m; White			m	100	F		-Pa		5 9	2.2.Lu			<u>-</u> 11)
- 1	24			Sandstone	4		um to coarse s ive and patche						log:		VIII.	· /-				24	-
-	525	24.70					27.8 m; White		1 .	99					X	0	1 5 IP	15		25 r	
. [E.]	· .	1	11.11	fine I	to medium san	ostone:	c _H						īΝ	Þ]"	٠.
, 1	.26		1		1/ill	inica	ceous and lam	inated.					lod		Z				2	26	
	_				11/1	Lamí	nae dio 45°.														
	-27						cores.						lod	抽來	ЩЩ			1/41 4	Ш	27.	
	_	27.60			. 144/-1	Eorig	, 20169.	<u> 1</u>]					HH.		to:	N. III				ċ
	26			Laminated	11/1/2		ted fine sandst			$ \cdot $			109		# 1	-	ø			"]_	
	o 29		l	Fine Sandst.	1111	slitst Stained	, with patched brown	l str.	28.60			臘	100			5 F	9.9	v III		29	
ĺ	i.		1	and Siltst.	1///	- Stanisco			c _L	$ \cdot $	1			Al I		7:1					
L	∸£ ₃₀	30.00	<u> </u>		1994	L			29.90		<u> </u>		lo	W.		Y	\$ 11110	il ile ili	illi:	30	,

[#]RQD is Back Quality Designation, RQD='Tratal length of cylindric cores longer than 10 cm1/cTotal core length' >, 100' -.
#ULGEON VALUE is Veninfu under injection mater pressure of JOig'en'
#BEPTIL and ELEVATION are in meter
#BOHAMETER is in millimeter

	er L					
	•					
•						ATTACHMENT-11.28
* * *		DRILL LO	NC.	HOLE NO.	381-12 SHEET	
	pipe in the second		<i>γ</i> α		 	NO. Z OF Z
e de la companya de l	DEPTH DEPTH ELEVATION	ROCK TYPE COLUM		POCK CLASSFICAT BIT & DIAMETER GROUNDWATER LEVEL	CORE	WATER PRESSURE TEST
	DEPTH LEVATIO	OR SECTION	DESCRIPTION N	CK ASSINCA T AMETE DUNDWAT	RECOVERY R. Q. D	LUGEON VALUE
·	<u> </u>	TORSIA (CA		[윤 일 로 로 (홅	% cm	
•		Brawnish	Massive micareous sandst.; stained brown with weathering	 		
		Sandstone	Upper part: fine and muddy.			
			Bottom: coarse		Kita di kata	32
	Q 33 33.10		OOKOM, COMB	c _{N1}		
			Brownish gray (weathered)			
			muddy fine sandstone 34 to 34.4 m; patched str. (limy	,	11 100 1 X	7
	35.20		Medium sandst.	35.30	ioc te	°
		Sandstone	White gray massive			
		(calcareous)	medium sandstone			561 15
	37	11, 12%		c _{pt}		37
	S 38 37.85				000	10 3
		1 //2	Some laminated Calcareous]		122 Lu
	39 39.20	2466		39 20	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	40	Laminated	Dark gray well laminated calcareous sittstone and] _	100 /	0 5 i iD 15 i 40
		Sittstone	very fine sandstone; Slickensides with clay seams] ^C L		
			elong laminae are common	41.70		
	42 42.00	7/2			i jodali	Z1 Lu 42
	43	Mudstone	Greenish gray sandy mudst.; massive and micaceous.			10 9
	43.25		4			
	NI 44		White gray medium to coarse sandstone;	Double of the stat	She had a	₩
	* 45					5 10 15 45
	100 46		Massive and long cores	اه ا	local de la calcalación de la	
	S	Sandstone	taken.			15
	15 A7			%	100 He	13.10
	48		1		lod l	10 9
		,	Some laminated.			
	49.60					
	7 50	1///	Dark gray mudstone;	1	100	5 10 15 50
	5-	Mudstone	massive		100	50
	51.80			"		15
3	29	Siltstone (a/a/a	Gray calcareous siltstone	1	100 TO	1.3 Ly 52
	52.80 53	1////	with patched str Thin alternation of white	 	100	10 0
5	12 54	Sandstone & Siltstone	gray sandst, and dark gray	- Agreement of the contract of	L, 100	5
1	1, NE-1	Alternation /////	Calcareous sitts. Well laminated			
	55	1/3/3	Dark gray mudstone		100	HOLE
	55_55 56	Mudstone ///	with gray siltstone patches Inclut, black lignite small		100 51 5	
	56.80		fragmentsGreenish gray sandy mudst			56 NO
*	57		1		2 10 100 E	13.Lu 577 CD CD CD CD CD CD CD CD CD CD CD CD CD
	58 58.10	Sandstone	- Industrial invade on a seriost.		loca . N	31-12
		Sandstone	White gray massive micaceous medium sandstone;			
	9 59	4	: with some greenish patches			
en en en en en en en en en en en en en e	-5 ec ec ec		Long cores; some good	60.00	od Haris	5 10 15 60
o						
FORM-C						
<u> </u>		ta. t				
907						
				•		
	LEL		<u> </u>			

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

1		ROJEC	r	SAPT GANDAKI PROJECT									HT.	T	0 M		ELEVATIO	N		نبنب		
		SITE		DAMSITE B: F	RIVERBED)	COORDINATE	[:	•	1000	INCLIN		 	TICA		DRULL RE	C KD	KEN, O	E-2	L	
	AVE.	RAGE ECOVE	CORE RY	71.	7%		DATE	FROM M	AR.28	TO AF	18.9, '82	DRH.	LED	by BIS	HUN	U	LOGGE	D PÅ	KIDO 8 KUMAZ	'ΑW	<u> </u>	
l		=	NOI	ROCK TYPE	COLUMN				C. ASS TION	3 H		COR	. [TAW.	ER PRES					
		DEPTH	ELEVATION	OR ·			DESCRIPT	108	FICATION	BIT. & DIAMETER	groundwater level	RECOV	URY ,	R. Q.	DA		LUGEON				£ .	
	[<u> </u>	ELF	FORMATION	SECTION	13.	•	1.57	55	BIT	CROU.	0.		50		31		30	. io .	30	ä	
ļ	8	Π			<u>.</u>		5 m; Sandy;				River										1	
	₩ .	1				JINICA	seous coarse sa	nti.	()		Water Level;		શ				Appled		ЩЩ	Щ	1	
	十					1.5 to 4	n.m.				5,9 m above		.0			ρ	Colonia R. CGE/(no		QW		4	
ļ		1					and gravels.			101	the sur-		ĬĬ								4	
i		<u>.</u>									sand &		1,5								3.	
-	δ <u>F</u>									63	gravel.										4	
	MAR.	1			0 0					24		W									4	
}	- 5				°o		.0 m; Gravely; thing boulders t	quartzites			ļ		60			10). mucutae	000			5.4	
	Ŀ.			Riverbed Sand and		meta	sandst_schists test commonly	and						2-2	11		of Boulde	F tem			-	
	SE,	¶.:		Gravels	0	jan,,	:	•					30/			+ 1	abova 16.	3 mm	depin.		5.7	
	4				o i				1, 4,				25								7	
ł	+	}			0	[11111		1		<u> </u>		1			4,4					1	
		Ί			·					_	1	H	30								<u>8:</u>	
-	mE.	4								Double			25								9	
	蜑				-					å	İ										1	
	<u> </u>	4							1	9:1	ļ.		50		1 1						0	
į	<u> </u>	4		1	0					்		4	25								i	
ı	a -	}			· 0					661			1		1 1						4	
	4	1			0.								5				1				2	
1		1	1				: 1				}		5								3	
	APP.2			100						- 5											-	
ł	<u> </u>	1			$-\alpha$	}		1.5	1				5								4	
	2		100							95.00	l.		15								 5:	
1	#	1			ه :-	1			1		1											
ı	1	16.30			^O>				16.30				15				-141-				6	
1	1	1			Δ.				D 17.00		•		اه								7	
	. [-			Coarse Sandstone		White g	ray and patcher	d.	[]	17.39	ዋ) [酾			4+	#!	Aaximum)	Core L (cm)	ngth		4	
Ì		1		DBING HOLD	Δ . Δ	Includir patel	ng pebbles and :	soft rock					œ				R.O.				8	
		18.80		 	Δ.Δ		_ 				1		1001					1,00			9	
Ì	Į.,				ا		ry dips in 5 to]])											
ĺ	2	4		Fine Sandst.	Λ Δ	Dark gr. patch	ay and massive nes.	with			1		oci		H	7					20	
	2	20.85	ļ	L	1777		nu laminate# =		1				00				. I it	Ė			21. 	Ľ
, (\$	21.60		Sandst, & Siltst.	1499	Dark gr	ay, laminated a hed.	a					Ţ		膕	15					-16	Ž.
	7	22.20		Muddy Sandst.	[///	Dark gr	ay and massive.		1				100							H	22	Ŧ
	2	23.15		Fine Sandst.		Gray an	d massive.		с _н		ļ				Ш	10					23	5
	F	ľ]	T~~~~~	7	i	ray and massive									6			119.5	.,	311	D
1	1	4	:	Medium			: .				ļ.		_{CO}	#1	鼺			6			4	Ö
	2	5		Sandstone		Cores	e long and rath	10 <i>r</i>		Double)	-		oli			o"	5	0	16	Ó		N.
	E						condition.			1 1 [##								
۱ ۱	2	26.40	1 1			Bedding	ı slîp with clay	seam.		ã	l		00								26	
	2			Eigo Canda		26.4 to	27.1 m; Massiv 27.35 m; Lami	e		ó											7	
	E	27, 48	<u> </u>	Fine Sandst	15/16/	27,35 to	27.48 m; Fru	ctured.	Į į	56												
	<u>2</u>	28.03	-	Muddy Sandst.	1.7.7.	1	h gray and mas						100								29	
	APR 6	g .			Δ Δ Δ Δ	Patched	l and/or well la	minated.				臘	ool								29	
_	4	1		Fine Sandst.	131		o 29.25 m; Son					闡									-	
ı	Ŀ	k		$\mathbf{L}_{i}\subseteq$	11111	gree	nish and patche	d.	L	Ш	Ŀ		$ \infty $						Hill.		ю.	

FRQD is Bock Quility Designation. RQD "Total length of cylindric cores longer than 10 cm. "Total core length" < 100".

***PACKEN VALUE is Unlinka under injection water pressure of 194g/cm."

*****PETTH to de LEUATION are in meter.

***OIAMETER is in millimeter.

	PI	ROJEC	T										DEPTH		ELEVAT	IOX .	
4.1		SITE	COSE	 			COORDINATE			:			ESCLINATION	·	DRILL		
	81	AGE COVI				ger menung san san	DATE	FROM		TO			DRILLED	1	LOGĞ	ED	
DATE		DEPTH	ELEVATION	ROCK TYPE OR FORMATION	COLUMN		DESCRIP	TION	PDCK CLASS	BIT &	CROHENWATER	LEVEL	CORE RECOVERY	R, Q, D	٠.	ESSURE TEST N VALUE	50 E
		31,40		Fine Sandat.	1/1		dip In 30°.						100				31
7	32 33	31.85		Fine Sandst. Medium Sandstone		White gra		-,-,	cH				10C		2056		3:
APR		33.24 33.38		Sitt & Sandst. Muddy Sandstone	1//	Greenish	gray and ma	issive.	=			٠.	oo Tara				3
	3	35.10			1.22	White gra	eous.	 nd	35.90				<u>00</u> <u>00</u>		•		3/
	37					36.2 to 3	17.5 m; Soft	and weak.	C _M 37.50				ac		0 10		3
8 8		·		17	0.	38.57 m.; cobbl	Including a	quartzīte		(e)		:	4 4 00		Б.		3:
-	4			Coarse		Cores are	massive and	l long;		B; Double			95		e P		4
	42		,	Sandstone		outno	ol so hard.			56. (D.			100		00660 16)		ı
	4				7 * 7 * 4	42.95 to soft re granul	43.15 m; In ock patches a les.	cluding and	c _H				100		Š		4
100	45				0		es and granul	ies					.00		¥		4
	47				3 . 0	are	scattered.	•					100		15		4
	48 49					100						٠.	100		•		4
APR	5C	49.65 50.00		Mudstone	1272	Dark gra	y and massiv	e	50.00			· ·	100		0 5	101 146 1	0 5
	والمعطيس أدف																
	عليماساسا																
	سائس السماليين						t.					• .					
	سلسلنست			:			: -										
	سلسنا بساسيا سياد							2,									
								· · ·									

RRQD is Rock Quilty Designation, RQD=(Total length of cylindric cores longer than 10 cm)/(Total core length) x 100% eLUCEON VALUE is Vinit/m under injection water pressure of 10kg/cm² stderm and elevation are in meter stderm and elevation are i

	I	PROJECT SAPT GANDAKI PROJECT										DEPT	н	50 M		ELEVATION			7
		SITE.		DAMSITE C; LE	FT BANK		COORDINATE			1	440.4	INCLINAT	rion	VERTICAL		DRILL RIG	KOKEN	0E2L	1
L	AVE	RAGE ECOVE	CORE RY	100%			DATE	FROM D	EC,28	TO JA	N.4	DRILL	ED	by M. KID	5	LOCGED	by KUMA		1
	T			ROCK TYPE					8 8	왕	E	CORE	T		Nr s fra	CD Daires	h-		1
1	ATE.	рертн	ELEVATION	OR	COLUMN		DESCRIP	rion :	유	BIT & DIAMETER	ROUNDWATER LEVEL	RECOVE	RY .	R, Q, D &		ER PRESS	4.197	E	
- {	٥	C	318 E18	FORMATION	SECTION				ROCK CL	BIT	S 3		•	MAX.CORE L 50 cm		LUGEON	VALUE		
ŀ	-	Т			mmm	Dark I			<u> </u>	1	3	% I	CED !	50 .C.	102111		30 12 11111111111111111111111111111111111	50-	4
		1		Overburden	==	7.	own top soil.	1.		86			.		16			-	
	E	1.20			XXX		own sift and s		1.50	a ¥			20			(Livné)/		1	1
- [. 2					Pole bro	ownish and w	eathered.	1.70	4			80					- -	1
- [_	2.70							C _M 2.70				- 1						
-	3					White g	ray and massi						oq i			(6 to 7 5 m	ieste it	3	
- 1	-		11			3.7	m to coarse s												
١	1	\	١.		37	3,4 to 3	Li m; lackid alt pebbles.	patched-	۱ ۱	11 1			oci u		3			4	1
	5						B.B m; Some la	minated.			İ .		001		ф	6 L u		-	4
				Coarse		:									9	8 19	i i i		
-	₀ 6			Sandstone		Long ar	nd good cores			-			α					6	
-	25						1.,		-						P				
1	<u> </u>	-		lt ta		7.0 to 7	5 m; Includ.	úranules	ŀI				œ			10 10 11, 1	e leg in	7.	1
Ì	-Ea						obles; mainly		ļ	H. I					K I		Pylling.	### -	
					:7:	Indistin	ct lamination		CH									В	
Ì	Ë9	վ ''	h.,)		8.2 10 5	9.4 m; Includi	ng some	1				cc					9	
	1			i	50	patch	ed like siltstor					7			Pì			o	
	. <u>Eu</u>	<u>)</u>	-: -		7 -	granu	les.		.				or			i io	1 1 1	10	
	E.,				/				1.				H					1111 -	
ŀ	Ē.,	11.60					* .	12.41		1.			oqn					1111	
- 1	1			<u> </u>	111		formable) h dark gray ar	nd muddy		-	v 12.00		oc I		15	7		12	
ı	-	13.00		11			lignitic small			1.5	Ĵan. 2		Š			$t_{\parallel \parallel \parallel \parallel \parallel \parallel}$			
-	13	12.80	-	Fine			and micaceon				8:30 AM		oq i					113	
1	Ē.								1360] -]			li i		5//			1111 -	1
	E 4	14.20		Sandstone		13.55 n	n; A brown co	olored crack					IOC H		9	2810		14	1
.	. 1					Siltston	e patched.	- 1					orie			3 11 10	6	0	
1	-	1550	L		. 4	Long ar	nd hard cores.						Ĭ	144.83	*				
-	16	16,30			۰ ۵.	Massive	and hard.		1	-		Pie-	∞-	3				16	
ı	-					Some g	atgrieu			66		計算			15				
	L.	4	ľ	1.0	11.5	121.5							oo.	H A H		4		17	
ŀ	=						o 17.9 m; Gra with some pa			Double					10			1111 -	
	Ē		- 1 -			3,0110				ŏ		331	- T					Le	
	였	9		Medium			iray massive a			αó			œΪ		9	3 6 Eu		19	1
	选			Sandstone		micac	eous sandston	e.							οŽ			6	1
}	Q 20	4]					В				œ	433		5		20	
- 1	- 2		:			 					ļ ·		_						1
		1	· .			weginu	to coarse sar	rust.										1 1 61	딩
	22	2						-					α					22	E
- {	-	1	ł	\	1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1		: Patched-like	greenish	\		\		T ₁						
	2	23.00 23.30		ļ.———	0000	siltsto Pale nre	ne pebbles. en and massir	/e.					œ.					23	Ó
- [Ē,	4			47.00	Pale gre	en and patch	ed.				制			15		23.2	1111	88
	1	24.28		Fine	149		Calcareous ar	nd hard,					ч,					111124	Ĩ
	2	24 82		Sandstone	4444		i like breccia.				1.		cc		ő	. 4 10	ış	0 25	4
1	Ę.	25.75]		1919	White g	ray and lamin	ated.				蓝旗			ŧ				1
- [2			Calcareous	1283	Gray ar	nd hard; (Shal	y)		.			00					26	
Í	S 2	26.70		Siltstone	6494	Bottom	; Includ. fossi	le leaves.	26.60		i				[5] H			-	
- {	OF NEXT	27.45	}		Δ.Α.Α.	Includ.	sitstone patc I massive med	hes. ium sandet	\ \		1		co (i					1111 27	1
	O 2	6		1	77		y and wingdy			.			oc.		10	Zali		28	1
1	E].		Sandstone	1//	massiv			СМ		1					711			
- [2	9 .			[' / ,]	Weak a	nd slaky		"				00					29	1
-	Ŀ				1./.		More											- Q	
Ļ	_£3	9	L	L					<u>. </u>	Ш_		exist.	<u>cc#.</u>	THE PERSON	2101	u puril		III iii sq	

[#]RQD is Bock Quality Designation, RQD=(Total length of cylindric cores longer than 10 cm//Total core length) x 100% #LLGEON VALUE is Vimin'an order injection water pressure of toka/cm⁸ *BEPTI and ELEVATION are in meter *BEPTI and ELEVATION are in meter

LOG FORM-B

D	D	r	T.	T		T :	\cap	\sim
ധ	U	J.	L	L	٠.	L	v	G

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

				DRILL	LO	G .	1	<u>iOLJ</u>	: NO.B	81-14	SHEET	NO. S OF S	
	ROCK TYPE COLUMN OR FORMATION SECTION			SPOCK CLASS-	જ લ	E,	CORE	1.50	WATER PRESSURE TES	r T			
1	DAT	рертн	:VAT	OR .		DESCRIPTION	Q E	BIT & DIAMETER	SROUNDWATER LEVEL	RECOVERY	R.O.D&	LUGEON VALUE	45
	Ή.	a.	13	FORMATION	SECTION	Although the	S E	118 E	ROU.	96. Na	MAX.CORE L.	EUGEON VALUE	30
· j	,,,	18020		Medium	1	Market and a second and a second	3020	ΠĪ	<u> </u>				
İ	2 3 2 3	30.80 31.20	-	Sandstone	11.131	White gray and massive. Laminated.				\mathbb{R}^∞			3.
- 1		[White gray, massive and	1						
	12	1	6.44			micaceous.	1 1		1 4				132
	3	3	1		1.111	31.67 m; Includ. a green siltstone patch.						3 62 4	335
	į.					32,15 to 32,73 m; Pale greenish							
H	3	4				and some laminated. 33,55 to 33.8 m; Pebbles and		// /	1 1	α (α			34
	3			1.75		small cobbles						9 6 10 95 1	
	-	1	1. 1.										35
	N.	6		1000		Coarse to very coarse.				i i			36
-				Coarse		36.8 to 37.7 m; Laminated.						15	
ı	13	4		Sandstone	1111	SOLUTION, IN, EDINIMICA,	ļ.,					1067	37
ŀ	3	9		4	1995		ļ.			一种 100			38
						Long cores; not so hard.			- 11				
	[3	9			' ' '		cH						39
	- 1			c c		39.6 m } Include publics.		66		E io		61 5 10 1b	10
	ľ	×			: : ::	39.8 m J menude pendles.		<u>-</u>				- b	11 40
- [4	-1 :				Includ, granules.	[Double	[]	A Pilo			41
ļ	嚾	41.48			197			8	<u> </u>			16	
	N.	4240			1.61	Dark gray and some weak.		۵				(ag 0.02 Cu	42
	-4	1		Mudstone		Laminated and including	1]			100	43
- 1					1470	lignitic fragments.							
- 1	· [4	44.25	1 1.11		1211	44.05 to 44.25 m; Reddish brown	1			.0101			93
	L			Very Fine	14/14	Calcareous and some hard.					5631	9 5 10 15	9 _
		45.50		Sandstone	1/2	Brownish siltst, patched &						p l	1 45
	4				3775	Brownish dark gray.	-		3.5	100	1.4		46
	-	46.40 7.46.90		Fine Sandstone	[42.44].	Dark gray and laminated. Very fine sandst.					145	15	
	4	7-0-			ا م م	Massive and patched.	j .]]]		17 = 100			472
	4	47.80			****	Pale brownish gray and	47.80			l o		100	48.
	. [-			Fine to	.xxx/44	patched. Massive and some weak.		66				5	
	7 4	2 .		Very Fine Sandstone	XXXXXX	Minor fault clays;	СМ	- -		, in	A STATE		49
	V.	50.00			XXXXXX	48.7 m: 1 to 2 cm thick. 49.9 m: 1 cm thick.	5000	≥				9 9 10 115	502
	E		- 4					-					
.	Ę.		. :					[
	-			5. P.				ļ					
								l					
	E	-	l .		1								
	F	1					,						-
	F				100	<u> </u>	i						11 11 11
									l				
	[-	1											m _ im
	1	1							1				H lo
	į.												
	E] •				, .	.						B81-14
	E	4										- 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
ļ	-	1		1 to 1									## - ¶1"
j	F	1.			12.75								1111
	E								** . * .				
	Ė												
, l		-			7			1					
			11.	er i de la servición de la ser									
	E	1											
	E	-	1			# · · ·							
	F				.				1				
۱ '	E	7				i se f		1					
-	E		<u> </u>		<u> </u>			L.					