Figure 1.1 (1/3) GEOLOGIC LOG OF DRILL HOLE

LOCATIO ELEVATIO COORDIN ANGLE F BEARING	ON ATE ROM	HOLI	Laur 1067 ZONTAL E HOLE	85	70	<u>[[</u>	DE LE TO CC	PTH OF HOLE PTH OF OVERBURDEN NGTH OF ROCK DRILLING TAL LENGTH OF CORE	<i>○</i> m m m m %	COMMENCED COMPLETED DRILLED BY LOGGED BY W.L/3.	08-V 12-V	<u>-200</u> 0
DEPTH ROCK NAME	L 0 G	RECOVERY	CEMENTA- TION KIND OF BIT CASING	COLOR	WEATHER-ING	HARD- NESS		DESCRIPTION		TABLE ————————————————————————————————————	DEPTH	ELEVATION
of the state of th		→ 100° %	\$76mm	Miscellanears color (bd. given, white) brown brown	3	4	4	Talus deposit Sand and day tuffaccous 325 heavily weathered 3000 S.4 ~ 223 M: Deaps Mischaneous gravel of root, green, white (purice) color If also bears biotile crystal. Weathered and very soft tock		30 40 50 S.R.	1 2 3 4 5 6 7 8 9 0 1 2 3	U. C. 3 m
			core loss		1 (fr		ard) ~	ck), 2 (substick), 3 (piece), 4 (fraqment), 5 grain 6 (soft) omposed)				

Figure 1.1 (2/3) GEOLOGIC LOG OF DRILL HOLE

						OJE			HOLE	No.BG	- (SHEET Z	0F <u>3</u>)
	CATIO EVAT			Lau						60 m	COMMENCE		
							<u>m</u>			m	COMPLETE		
				IZONTAL					ENGTH OF ROCK DRILLING DTAL LENGTH OF CORE	m	DRILLED BY LOGGED BY		
				E HOLE						%	LOGGED B1		
				T :	T-				ERVATION OF CORE	T			7
ОЕРТН	OCK NAME	106	CORE RECOVERY	CEMENTA- TION KIND OF BIT CASING	æ	S ER	SS	<u>ت</u> 2		{	RTABLE ——	ОЕРТН	ATIO
l a	ROCK	-	SE C	CEM KIN CAS	COLOR	WEATHER-ING	HARD.	CORE	DESCRIPTION	1	R PRESSURE TEST GE OF DRILLING WA		ELEVATION
⊃om			0 - 100		\vdash	>		"		0	LUGEON	40 2 Om	<u> </u>
			mmi							ÌП			
1 1 -	12					3	100					ΙĒ,	
1 4	1. Tup	ı					4						
2-3	7	1							22,3			E ₂	
4												1 [
3-	į								(cf.)			E_3	1
=									They hard canimbrilo			1 =	
⁴∄	1	- 11										= 4	
E,				}					with calcilo veins.			E.	
4					R	1	z	3	They hard ignimbrito with calcito veins. Joint: filled by calcito day			E	
6-3					Mill				Join! filled by			E 6	
=					39				calcile day				
7				l	l			1	•			E 7	
1	L	_		L					≥78	.			
87		$\langle \parallel$				\Rightarrow	\triangleleft		2822 Zlim			E 8	
7 2 0 1 2 0 1 2 0 1 1 2 1 1 1 1 1 1 1 1 1	1	7		f		$\neg \dagger$						րակարիավարիավարիավարիակարիակարիակարիակար	
, mal					2724	1.	2	3					
30-	_	_		k	7				30.0			E-30	
4	Λ	$/ \parallel$			1		1		30°~31.95 m: Slim				
1		(ļ		\times	$\langle $	1				E 1	
4	19/				1		1		37.92				
		7				/	2		35,3			E 2	
, d	19	Ш							(M)				
٦	E	-							Jesh and Sound			E 3	
4-	3 W				1			1	hatd rock with			E.	
1	7	-							Jesh and sound hard rock with postly calcito veins			[]	38,75
5-	İ	$\parallel \parallel$							LALON CIACLED ONLY			E 5	
ulu							1		((o= 120+/m2)				
6-7		- 111		1		1	1		36. K			E 6	
4				1			5	Ť					ļ
7				1	0		2	1 .	201			= 7	
							-		576				
3 4 2 6 7 8 9 14 14 14 14 14 14 14 14 14 14 14 14 14							(0 3	2.0			E	
				1				7	A CONTRACTOR OF THE CONTRACTOR			E.,	1
					'		1					րկավայի 4 15 16 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	
70]		1	ЩЩ_		Д,	Ц,	4	9	0,0			E4 ol	
			37				1.	1 (stick	▶ driller's note ◀ k), 2 (substick), 3 (piece), 4 (fragment), 5 grain				
		XXI L	٠٠ لـــٰ ده	re loss		ı		d) ~ 5					
		•											

Figure 1.1 (3/3) GEOLOGIC LOG OF DRILL HOLE

1004	TION		PROJE	СТ				(SHEET 3 0		
	ATION					•		OMMENCED		
	RDINATE			m				OMPLETED		
	E FROM HO			•		NGTH OF ROCK DRILLING		RILLED BY DGGED BY		
	ING OF ANG						'''	AGED BY		
		Τ.				ERVATION OF CORE			T	7
DEPTH	L O G CORE	CEMENTA TION KIND OF BIT CASING	OR HER	ESS.	N E		WATER TAB	7 *	DEРТН	ATIO
		CEN CEN	COLOR WEATHER	HARD.	CORE	DESCRIPTION	WATER PRES	SSURE TEST F DRILLING WATER	-	ELEVATION
≰ Om	0 - 100	6			J			UGEON	40 × Om	m
						34.75~48.)m:			F	
3- 11- 11-						Drilling along vertical			ումասիանական 2	
						joints.				i
2 3 4 2 2 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					(I)	Froundation rock			3 4 5 6 7 8 9 \3\1.21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
4-1111			//	.1		will be good soundress				
5 7				2		excluding along			5	
8-						joints.			Ē.	
1						CM (10= 120(m2)				46.9
أسمله						CP((10-120(/m²))			E 7	
8-			Ь			8,3			8	
9. 						hard, but there are			اولسلم	
	2		3 2			many secondary day				
20-11-75 20-11-75 20-11-75			3 5	5 (hard, but there are many secondary clay in loosened joints			F- 30	
dundundundundundundundundundundundundund			С			57.6 CI				
200						EM)			3	
3 1111					-	fresh a sound			3	
4-						tock			4	
4 5 6 7 8 9 0						flesh a sound tock lot 100 t/m²			5	
6-				2 1					E 6	
									- '	
7									7 8	
8-1									8	
duul.										
, and I						oo botton			9	
<u> </u>	<u> </u>		1 1	1		bottom			60	
				1,		2 (substick), 3 (piece), 4 (fragment), 5 grain				
	4	ore loss QD	1 (fresh) ~ 5 (s decom;					

Figure 1.2 (1/3) GEOLOGIC LOG OF DRILL HOLE

				PR	DJE	CT				- \geq (SHEET / C)F <u> </u>	
LOCATIO	N .	Lo	s Laur	eles	: 1	_	DE	PTH OF HOLE <u>60</u>	m	COMMENCED	30-II	
ELEVATIO	N.		4,060.	8	<u>\$</u> r	<u>n</u>	DE	PTH OF OVERBURDEN	m	COMPLETED	04-1	-2000
COORDIN	ATE .						LE	NGTH OF ROCK DRILLING	m	DRILLED BY		
ANGLE F	ROM	HOLI	IZONTAL		90	•	TC	TAL LENGTH OF CORE	m	LOGGED BY		
BEARING	OF A	NGL	E HOLE			_	CC	RE RECOVERY	%	W.L 9.	0 m	
T w	$\neg \tau$		ن ا					ERVATION OF CORE				z
NAME	L O G	RECOVERY	CEMENTA TION KIND OF BIT CASING	~	a .	SS	Ü			TABLE -W-	- <u>#</u>	ELEVATION
DEPTH ROCK NAN	7 5	ECO	EME T KIND BIT CASI	COLOR	WEATHER -ING	HARD- NESS	CORE	DESCRIPTION		R PRESSURE TEST	DEPT	LEV
W	-	± 100°	0	3	3	Î	03		LEAKA	GE OF DRILLING WATE		
Om	- 10	→ 100 1111111				_	_	Ċ	' 	2002011	40 Om	m ¥
				ļ	4	4	5	0.45 Heavily weathered			E	
					2	3	1	100 ce non water drilling	.		<u>E</u> 1	
			\ \								1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	-							Hard and sound tock			E,	
					2	2	1	A few joint with rust			E. I	
								A proof me some , san				
3-3					6			3.40			E 3	(a)
1 1 1			Ę.					6=100t/m2			F	9
4	- 1111		E.	H							E-4	~
4			92	track				Stightly weathered			E	Θ
4 5 6 7 8 9 9 9 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9			476 mm	36				stightly weathered along joints with			3 4 5 6 7 8 9 6 7 0	×
4			•		_	~	1	along joins with			F	abotatory Text
6-					2	~	(rust - But, hard			E 6	π
4						(3)		rock.			E	1 30
7-											E 7	1 2
4					Ь			75~8.05 M: Tast				2
E ₈					ь			20,8			E. 8	不言
								(0=607/m² CD			E I	
								10-00 YM			E.	<u></u>
					2			8.05 m and 103 m.			E	W.L.
					5	2	1	8.05m and 103m; open joint with rust Isecondary day			E.,	-20 m
/여글 시					3	G)		1-a lunglar				(Co 11)
19								1 Secondary Char			E	
14 ,5					,			-			F1	
Janim Julian					(c)			12.00			Ē	
Lanimburhundundundundundundundundundundundundundu								\bigcirc $\langle \bigcirc \rangle$			E-2	
4				'n				(CL) ((CM)			3	
3_				prown				7. + 1. 1			E-3	
4				4			Ī	This section encountered				
4-			ļ	S.	5	2 5	5	joints which is open			E-4	
4				Will	3	5)	crack with secondary				(6)
5 = 1				3		3		<i>J</i> 1			E 5	~
			İ	ا د				day			E I	$^{(2)}$
				trask	,			weathered & looserd			6	13
ا آ		lillill		18				1 . (Ē l	13
1					C			1700 FOCK			E 7	3
4 5 5 6 7 7 7 7 7 7 7 7 7								\bigcirc			₽	A bopatory test
1								(CM)((CL))				萆
8 = 8								18.° m, 19° m, 196~198 m:			E-8	1 多 1
4					2	5	1	11 111 11				不2
9-=					(3)			bleakable with open cruck. weathered	.		E-9	7
<u> </u>					,]			ctack. Wealhoted			Ē, .	
≥0 ∃	ЩЩ.	ЩЩ			-6	\dashv					[-2.0]	
		741			1	1	† . , .	▶ driller's note ◀				
	\bowtie	11	core loss			1		ick), 2 (substick), 3 (piece), 4 (fragment), 5 grain 5 (soft)				
	Ł		800		 1 (fr			composed) 1 - 4				

Figure 1.2 (2/3) GEOLOGIC LOG OF DRILL HOLE

			PROJE	CT			$0.BG-2$ (SHEET \geq OF	
LOCATIO					DE	PTH OF HOLE $\frac{\delta}{2}$	m COMMENCED _	
ELEVATION				m	DE	PTH OF OVERBURDEN	m COMPLETED _	
COORDIN				_	LE	NGTH OF ROCK DRILLING		
	ROM HOLI				TO	TAL LENGTH OF CORE		
BEARING	OF ANGL	E HOLE					%	
T M H	G G E RY	A NO P	Τœ		_	ERVATION OF CORE	WATER TABLE	- I NO
DEPTH ROCK NAME	CORE	CEMENTA TION KIND OF BIT CASING	COLOR	HARD.	CORE	DESCRIPTION	WATER PRESSURE TEST	DEPTH
9 0	, A	CB Z BQ	COLOR	HAH	0.72		LEAKAGE OF DRILLING WATER	
20m	0 → 100					I	LUGEON	40 20m
						(CM)		
								E,
						45.0.02		E'
2						120°~20°m, 21°m,		
6						22.65m, 26.9m;		
3 70						, weathered and		F- 1
Junil 1979						brown colot.		
4					,	(.4(E 4
high.			Z		/	. open crack with		
5 - 3			(3			clas		5
						clay other parts are sound		
6-129						Other parts are sound		E 6
7						tocks and hard.		
7 3 2			ŀ					F7
thurtund 179W INP								F
8 7		1				ŀ		1 3 4 4 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6
			(C	1				
9-1			- 0			29,20		E 9
= /			-	2	,	Transition some from		
30			2	2		30,50 high to medium welded		E-3°
		Ì		-		welded		
1-						CFY		E'
						CLH		E. I
2-3								E 2
								E. I
3-						1. 121. 1.		F-3
						fresh with a few		
*						fresh with a few joint, but breakable. Interval of joint		E'
[] 开			1	3	1	*		E
			'	5		Interval of join		E I
				1 1		will be estimated		E ₆
				2		1		E
<u> </u>					1	note than I meter.		E 7
′∄≰								1
Z E								E 8
, i								
الجو								9
ob 6 8 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								E 9
40]				Щ				<u> </u>
	8/2/1		†	1	1	▶ driller's note ◀		1
	₩7 L	core loss		1 (6		ck), 2 (substick), 3 (piece), 4 (fragment), 5 grain 5 (soft)		
	1		1	, (n	u.u, ~	- (July		

Figure 1.2 (3/3) GEOLOGIC LOG OF DRILL HOLE

LOCATIO				PR	OJE	.CT				2 (SHEET		-
LOCATIO									m		ED	
ELEVATION COORDIN						<u>m</u>			m		D	_
			17011741			-		NGTH OF ROCK DRILLING		DRILLED BY		-
ANGLE F BEARING								TAL LENGTH OF CORE		LOGGED BY	Y	
$\overline{}$	7	ANGL	THOLE	_					%			
DEPTH ROCK NAME	ا ق	E ERY	NO OF	-	102			ERVATION OF CORE	WATER	TABLE	_	N O
DEPTH CK NAM	0	CORE	CEMENTA TION KIND OF BIT CASING	COLOR	THE	HARD.	CORE	DESCRIPTION	WATER	PRESSURE TEST	ОЕРТН	ELEVATION
			A X B O	8	WEATHER-ING	IA	85		LEAKAG	E OF DRILLING W		ELE
≰ 0m	0	→ 100 %							0	LUGEON	40 ≮ Om	m •
								30.50-47.70M: (IM)				
1_											E.	
, 1								(10=60 Tm)				
2-	Ш							nedium welded			I E. I	
								7 7 7				
2 Pumin Pumin Pumin Co Luft						,		Ignimbrite with soft purice.			ահումասիումումիումավումիումականականականումիումիում	
THE TOTAL					1	3	1	soft pumico			E 3	
Z Z						>						
	-					2					E ⁴	
	-											
Z E												
2											E	
7												
7					a			47.70			E'	
.]-				-				61)	.			
*							ŀ				E 8	
				26				Low welded Ignimbrits breakable.				
9-	Ш			Brigh				breakable			E 9	
,				0	1	4	1	VIENTAL.				
50	- []]]						1				E-30	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					a		ŀ	5/60			E 1	
				1		2		GLM.				
2-1			ĺ		1	354	1	law to midium welder				
14/				1	· a	4		52,80 200 No MINORIAL RECEIPED				
3-1 13											 3	
10				l	1							
4								Low welded Ignimbrite			 	
10					1	4		breakable				
5-7	-										5	
- A F			1	1								
6 1					a			56.95			E 6	
4 1			t	اکی۔	-4		-				1 2 1 3 3 1 4 4 1 5 1 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
7				15				CML) (10=80C/10)			= 7	
4	11111		ĺ	8				Low to medium Ignimbrito with recoldish peoble			<u> </u>	
8-	Ш			7	,	3	,	with roddish pelblo			8	
-				will had patch	1	ر	' '	William State of the state of t				
F-0				2,							F 9	
, 🖣 📗				Sper				, 7				
60 E	لللل	ЩЩ		00	a	Щ.	6	0.0 bottom			<u> </u> 60	
		71			1	† †	1.7	▶ driller's note ◀				
	\bowtie	٦ ۲ °	ore loss			1 (ha	1 (stic rd) ~ 5	k), 2 (substick), 3 (piece), 4 (fragment), 5 grain				
	4				1	. (114	ن - ر <u>.</u> 	1 - 6				

Figure 1.3 (1/2) GEOLOGIC LOG OF DRILL HOLE

				PRO	OJE(CT		HOLE N	10.BG	-3 (SHEET /	OF 2)	
LOCATI			Laure			_	DE		<u>O</u> m	COMMENCED	07-1	<u> </u>
ELEVAT			1,031	. 6	6 m	1			m	COMPLETED	17 - 11	1-2000
COORDI					91	-		NGTH OF ROCK DRILLING	m	DRILLED BY		
			IZONTAL		<u></u>	-			m	LOGGED BY		
		ANGL	E HOLE					DRE RECOVERY	<u> %</u>	W.L.	2 m	
DEPTH ROCK NAME	. 0	čE VERY	NTA. OF		ax	o		ERVATION OF CORE	WATER	TABLE		NOI
DEPTH OCK NAM	۲٥	CORE	CEMENTA TION KIND OF BIT CASING	COLOR	WEATHER -ING	HARD. NESS	CORE	DESCRIPTION	WATER	PRESSURE TEST	 ОЕРТН	ELEVATION
			0	0	¥	ì	103		LEAKAC	GE OF DRILLING WATE		<u> </u>
Om	,, .	0 → 100 					-		; 	LUGEON	40 Om	₩ .
1 4.	0		97 mm					recent viver deposit			դակոսկայիում 2	
1-	O		47,					Sand with movel			E 1	1
	0							J			E I	1
2-3	. 0		1					2,60			= 2	
			1 +	-	-		-				Ē·	
3-1								CML) Rhyolitic			3 4 5 6 7	1
			¥			3		High welded tuff			Ē.	(M)
[[£			_					E 4	× 1
5 = 1			W w 92					5,10			E 5	30
			1		2		2	CM			E	- 3
6-3						2					E 6	700
					- 1	5						aboratory
7-					-	3					E7 }	不多
	- 11		1		6			8,00				
8-3			+			3			-		8	
1 1 1					2	2 C	3	CL Iswa 9.10 within CL (P) wilded tuff				
9-7	- 11		1	+	-			CI (1) well of tall			9	
1						3	4				E 1	
3 []]		l	1	- (4.)	(5)	0201			10	
uhunlundundundundundundundundundundundundundu				ſ				CMD.			E,	
1 1			1	1	2	3	2				E	ļ
2-3				1		ا ک					1 1 1 1 2	
	- [[-	_		4		1250				
3 - 1								(H) (10=100 (/m²)			E_3	(୨)
=						2						w 31
4 =						5	1				Ē 4	43€
					-	3		16.5m Ph-24			3 4 5 6	
5-3				1				18.8m ph-24 18.8m ph-23			5	15
	- []]		}					18,0 Ft ph-23				5 10
6-7					a			16,30			6	Labotal
1 ,				\top	+	1	7	CA			E	
1 3	$\leq \parallel$					2		Zenolith: basalt &			E 7	
1 3 5	(o E				-	2					8	1
1 3 3	7-11				1 3	3	(reddish samol, trill, white purice			E 1	1
[2 Fe]								un, unippraco	.		E 9	
Pytoclastic												
≥0 ₹	$ \parallel$	ЩЩ		\bot	بـــــ		\perp				E 20	
	\otimes	13/		1	† †		1 (eti	▶ driller's note 4 ck), 2 (substick), 3 (piece), 4 (fragment), 5 grain				
	KŞ	N L.	core loss			1 (ha		5 (soft)				
		t,	RQD		1 (fres	h) ~	5 (dec	omposed) 1 - 7				

Figure 1.3 (2/2) GEOLOGIC LOG OF DRILL HOLE

1 004 710			PRO)JE	CT					ー (SHEE			
LOCATIO ELEVATION	~				_			40	2_ m		NCED _		
					_				m		ETED		
		LIZONTAL					NGTH OF ROCK DRILLING _ DTAL LENGTH OF CORE			DRILLE			
		GLE HOLE								LOGGE	ום כ		
		T .	Т				ERVATION OF CORE	干	"			Т	
DEPTH CK NAME	CORE	CEMENTA TION KIND OF BIT CASING	α	ER C				\neg	WATER		-W	ЭЕРТН	ELEVATION
DEP ROCK	7 9 8	SEME T KIND BIT CAS	COLOR	WEATHER -ING	HARD. NESS	CORE	DESCRIPTION			PRESSURE T		DEF	LEW
20m	0 - 10	3	-	3	Ι	0.0		\dashv	LEAKAG	LUGEON			
2011	-1mm	<u>* </u>	\vdash		>		Retaclastic flow	÷	TT	TTT		lo ≥ 0m E	m ¥
=	1111111		120	1	2 3	1	Pyroclastic flow contact: stick					F	
1=	111111111		track	·]								E 1	
1 1					3	3	21.70 unconformity	.	$\leftarrow t $	in e	as		
27)15			2 Jack	3	4	5	D Filtslone					րկականանականականականականականականական	
3-							(1)	-				E .	
1 7 7	- 11111111		2 129		,		is , sandy ruff					E"	
4 7 7			20	3	3	2	2400					E4	
Lapille Tueff Sanky Hugh				3	4	5	CD, sandy luff 2400 Nety soft rock	٠.					
5 3 5			-	\rightarrow	-		25.00					E 5	
=					- 1	1	(CL)						
6 3 1	11111111		gray		.		Punicoous lasilli					F 6	
1 1 3							Puniceous lapilli Tuff. bkeakable						
7 7	[[[[[[[[[[[[[[[[[[[[15		3		luff.	1				E7	
muluuluu Lapilli			3	1	4)		bkeakab(J			111		E I	
	11111111		brownish		1	1				.		8	
			- 1				28.80	-				E, I	
1			Miscellaneous				(CM)					E"	
२०			a				Puniceous tuff					E _⊰₀	
			3				104110x000> Kaff						
1-	111111111		2	2	3	1						1 2	
			- 1			- 1							
2-			raddish									2	
Muhumhumhumhum Tuzf	111111111		22				33,00						
3_1		-		-								3	
Pumilion	-		1.		3		CL) 33.8~40.0 greenish green 35.00 punice laff CD stoft rock						
4급 등			u	2	2 2	1	greenish greey					4	
7			ă		4		35:0 punice laff						
5-3	1111111111		Miscellaneou	\top	\neg		(A)						
			8				And lock						
9			2									6	
7			3									7	
			3	1	3	1		-					ĺ
3 դեսակասկարկարկարկարակարարություն Մատիա			the									8	
1			the state of the s										
9			7									9	
, 4							· ·					_	
40 =		<u> </u>	Щ	بلـ	Ц.	<	40.00 bottom					70	
	\otimes			1	1	1 (stic	▶ driller's note 4 ck), 2 (substick), 3 (piece), 4 (fragment), 5 grain	in					
	IXX F	 — core loss			l (ha		5 (soft)						
	<u> </u>	- ROD		1 (fres			omposed) 1 - 8						

Figure 1.4 (1/3) GEOLOGIC LOG OF DRILL HOLE

			PRC	JE	СТ				-4(SHEET /		_
LOCATIO		s Laur						<u>O</u> m	COMMENC	ED 15- V	
ELEVATION		1,060	.0	<u>1</u> r	<u>n</u>			m	COMPLETE		_2000
COORDIN			. 6		-		NGTH OF ROCK DRILLING		DRILLED BY		
		IZONTAL			-			m	LOGGED BY		
BEARING	OF ANGI	LE HOLE			-			%	W.L	$\frac{242m}{1}$	
DEPTH SOCK NAME	G ERY	A P P P		œ	(A)	· · · · · · · · · · · · · · · · · · ·	ERVATION OF CORE	WATER	RTABLE ————————————————————————————————————	/ <u>-</u>	NO I
DEPTH CK NA	CORE RECOVERY	CEMENTA. TION KIND OF BIT CASING	COLOR	WEATHER -ING	HARD-	CORE	DESCRIPTION	WATER	R PRESSURE TEST	DEPTH	ELEVATION
<u> &</u>		1	ŭ	WE.	ĭ	8.5		LEAKA	GE OF DRILLING W	ATER	
Om	0 → 100					<u> </u>		 	LUGEON	40 Om	
							Top Soil Sandy Jay D Heavily weathered rocks.				
1 3-			_			ļ	o. 9 saway o w			1 2	
		V	brown	3	4	4	O fleavily weathered rocks.				
2-		76 mm					CD.			E 2	
		12		2	3	3	weathered rock			<u> </u>	
3_		8		b			3.2				
4			ĺ				CM)(10=1007/12)			E	
4-				2	2					E 4	
=						`	2.9				
Juntumhuntum				Ь		4	49 Vestical join			1 3 4 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1 1 2						-	5.5 Vaffical join! Secondary clay				
6-33				2	3					E 6	
· 量 多				Ь			(CML)				
7=				(4)			225			F 7	
1 12							CML				
8 = 8										E 8	
							Sound rock				ĺ
9-3 7										9	
= ~											
0-3				2	3	1					
			the se			1					
13/2			00								1
클교											
2 11111				Ы						F2	
										2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
3-7										E-3	
-			-				<u>₿</u> ^r				
4-							(CM)			[-4	ļ
4							the section of section				
5 =							flush & sound tock. (No = 100 t/k)			E-5	1
							(10= 100 T/R)				
8-3				l						E ₆	
			-	,	2	1				📙	
7 =				'	-	'				F 7	-
				1							
										8	-
								.		E	
2 1 3 4 5 6 7 8 9 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										[]	
				Ы						E 0	
	Ø\\\	<u> </u>		1	1	1	▶ driller's note ◀				
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					1 (st	ick), 2 (substick), 3 (piece), 4 (fraqment), 5 grain				
	, · · · · ·	- core loss		١			5 (soft)				
	L	RQD		i (fr	esh) ~	- 5 (de	composed)				

Figure 1.4 (2/3) GEOLOGIC LOG OF DRILL HOLE

LOCATIO	N 155	Laur) DNE				0 m	COMMENCED -		
ELEVATION		s taur			<u>11</u> n			<u></u> m	COMPLETED _		
COORDIN					<u>''</u>		NGTH OF ROCK DRILLING				
ANGLE F					•			''' m	LOGGED BY _		
BEARING						CC	RE RECOVERY		_		
₩.	>					OBS	ERVATION OF CORE				Z
DEPTH POCK NAME	CORE	CEMENTA TION KIND OF BIT CASING	e e	WEATHER -ING	SS	N S		1	TABLE ————————————————————————————————————	ОЕРТН	ELEVATION
DE SOCK	CC	KINI	COLOR	/EAT	HARD- NESS	CORE	DESCRIPTION	l	PRESSURE TEST	8	ELEV
≥ 0m	0 → 100			3	-	0			LUGEON	40 _≥0m	m ¥
	- humi						20,2 (A)	FIT		-	
				2						Ē.	
'=				G)	2.	1	vertical joint.			Ē'	
				Ь			Jointh doof rust to 2014 .			-2	
2				(c)						ահամահանականականականականականականականականական	
unlundun uzelokol							(CM)			<u>-</u> 3	
2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0										Ē.	Vi I
4-15							Absh & sound rock.			E 4	W.L.
13										E	24.2 124.2
5-11-62										E 5	27.2 pl
1 1 1			to							<u> </u>	
6-3			Host							E 6	
• मा व			00	,	2	,					
7 1 1				′		'				E 7	
7 -8											
84 E			٠							E 8	
1 1 1										F .	
9-				a						E 9	
				(6)						E 20	
× 0 =											
										E 1	
1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-											
2-		1					汉?			E-2	
							light pinkish They.				
3.=				1	2	1				E 3	
4	_!!!!!!!!!!			° 0.			332 (CM)				
4-							Pyroclastic flow rushed			4	
4				2	4	3	346 into water Q				
5			patch	2	3		35.0 Slaking (1)			5	
			2				There are flow structure				
6-4			- 1							F 6	
4		į	3				and it hears biotite				
7 1 1			Miscellangous				crystal.			F7	
4 8			2	1	2	(There are treation margin around the gravel/zenolith.				
8 - 3			3	1			matgin around the			E 8	
1			Z .	0			gravel/zenolith.			E.	
9 1 1				0,.			_	.		- 9 E	
10 6 4 10 10 10 10 10 10 10 10 10 10 10 10 10							(h)			E 50	
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			+	1	1	▶ driller's note ◀				
	87						ick), 2 (substick), 3 (piece), 4 (fraqment), 5 grain				
	•	core loss		1			5 (soft) composed)				
		RQD		1 (11	(311) ~	S (Ge	, o p = 3 c u)				

Figure 1.4 (3/3) GEOLOGIC LOG OF DRILL HOLE

					DJE					-4 (SHEE			
LOCATION	٧	10	s Lau	F.C.	2>	II			<u>O</u> m		NCED		
ELEVATIO						<u>n</u>			m		TED		
COORDINA								NGTH OF ROCK DRILLING	,) BY		
ANGLE FF								TAL LENGTH OF CORE		LOGGE) BY		
BEARING	OF	ANGL	E HOLE	_				RE RECOVERY	%				
T W W	ای	ERY E	G OF	ļ	Γœ			ERVATION OF CORE	WATER	TABLE -	-wl	1	NO.
DEPTH	0	CORE	CEMENTA TION KIND OF BIT CASING	COLOR	WEATHER	HARD.	CORE	DESCRIPTION	WATER	PRESSURE T	EST	ОЕРТН	ELEVATION
			S X B O	8	WEA.	I	85		LEAKA	GE OF DRILLI			<u> </u>
 40m		0 → 100 %						0		LUGEON	40	\$COm	m ▼
					}			(CM)					
				22				llands the state				-1	
				particle				gresn and source				-	
2 3								Stesh and Sound rock.				-2	
2 0 0				miscellandous				(lo= 120t/m2)					
1 - 1				200	1	2	,	(100-100-9)				-3	
				j)ja	'							_	
uhunhundun c lasti				25								-4	
					O								
Pyto,				redolish								-5	
K E				3								_	
1 1	Ш			2				~ ()				-6	
								96.3					
25. Taff Pytoclastic					/	3	2	963 49.0 pinkish gley lufbich 49.0 blackish brown luffræous sandstone forming laninae				-1 -2 -3 -4 -5 -6 -7 -8	
3 (3)	Ш				3	q.	z	(1)				_	
, 1 //								418 blacksh brown				- 8	
								uniforeous sandstone				_	
9								Horning laninae				- 9	
												_	
								9				-30	
30-												_	
								This formation books				-1	
taft taft				5		~	,	mis formation parts					
				200	2	3	1	This formation beats green Tuff material				-2	
(1) the				3				ittegularily.				_	
				2				of the same of the				_3	
3-4 [badetish								_	
1	Ш			do								_ 4	
4-7	Ш			2								_	
1								1					
5-3								** 0				_	
1	\parallel		-					55.7				-3 -4 -5 -6 -7 -8	
6-7								Pumiceous tuff (CMI)				- 0	
7				_				There are not reaction margin around the ted gravel.				_	
71				track			Ì	malain abound the				7	
4				35		2 2	,	hart de la contra color				-	
8-1 3				- 1	/		1	tea graver.				-8	
म्या 🌂				ghanish		3						_	
9 June				27					.			-9	
$\frac{1}{2} \frac{3}{2} \frac{4}{2} \frac{1}{2} \frac{1}$				32				60,0 bottom				60	
<u>80 = </u>	Щ.		<u>_</u>		-			b driller's note 4			E		J
	×	1/4			Ī	Ī	1 (st	ick), 2 (substick), 3 (piece), 4 (fragment), 5 grain					
	ľΧ	*\ <u>\</u>	core loss			1 (1	ard) ~	· 5 (soft)					
		<u></u>	ROD		1 (fr	esh) ~	- 5 (de	composed)					

Figure 1.5 (1/3) GEOLOGIC LOG OF DRILL HOLE

COORE ANGLE	TION DINAT FROI	E M HOL	Laurs 1,084	درور ک.	7 r 90	n -	DE LE TO CC	PTH OF HOLE		COMMENCED COMPLETED DRILLED BY LOGGED BY W. L 3	11 - V 14 - V	- <u>-200</u> 0
DEPTH ROCK NAME	007	CORE	CEMENTA. TION KIND OF BIT CASING	COLOR	WEATHER			DESCRIPTION	WATER	TABLE ————————————————————————————————————	DEPTH	ELEVATION
Om	#-	0 → 100 1111111111						C		LUGEON	40 Om	m 🔻
1 1 mm			V		2	3	(2)	weathered zon-e (1) non-wite of illing			2	
3 4 4 11 11			476mm		2	2 2 3	•	Slightly loosened Join's heaf secondary clay in pail. 47				
1 5 6 minum					С	-	(2)	(M) (le=150t/m²) 58m: sec. clag. 61 66 xust, wetical joint.			3 4 5 6 7 8 9 / 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
2 mulmulmulmulmulmulmulmulmulmulmulmulmulm							·	GH (lo=150 Ym) Hesh (sound rock.			8 11 12 14 14 14 14 14 14 14 14 14 14 14 14 14	
Juntunlundundun				grey	· 1	15		93 96 Secondary clay, 10.6~10.7m: Sec. Cay.			1 1	
					а (c)	2	3 _c	12.4 rust/sec.day. CH			2 1 1 1 3 1 1 1 1 4	
4 5 6							1				5 6	
3 4 2 2 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9			,				3,	17.35 (altito chay			2 3 4 5 6 7 8 9 0	
20					\Box	1	•	▶ driller's note ◀			₹ 20	
			core loss		1 (1		nard) ~	ick), 2 (substick), 3 (piece), 4 (fragment), 5 grain 5 (soft) composed)				

Figure 1.5 (2/3) GEOLOGIC LOG OF DRILL HOLE

LOCATIO)NI	100		PRO					0.13(7.	COMMENCE		
LOCATION Los Laureles								DEPTH OF NOCE DEPTH OF OVERBURDEN		COMPLETED		
COORDINATE						_		NGTH OF ROCK DRILLING		DRILLED BY		
			IZONTAL				то	TAL LENGTH OF CORE	m	LOGGED BY		
BEARING	OF	ANGL	E HOLE					RE RECOVERY	%			
H AME	ر ق	E ERY	NY OF		OZ.			ERVATION OF CORE	WATER	TABLE ————	ᡓ	NOT
DEPTH 30CK NAME	۲٥	CORE	CEMENTA TION KIND OF BIT CASING	COLOR	WEATHER -ING	HARD- NESS	CORE	DESCRIPTION	WATER	PRESSURE TEST	DEPTH	ELEVATION
			2 2 0	8	¥.	1	So		LEAKAC	LEAKAGE OF DRILLING WATER LUGEON		
20m		0 → 100 1111111111				-		(CA)	<u>'</u>		40 Z Om	m ▼
-								and laste of				
1=								20,2 m = calcite clay				
							,				E 2	
							'				E.	
3-4 8											E 3	
1 3								200				
4 = 3						-		24° Vertical join with			E 4	
							3	calcile clan			E.	
	٠						Ć	calcile clay				
100							1	<i>≥63</i>			E 6	
₫ 'Ø						١,.	3	26.25 rust				
7를					1			29.4 m: calcito clay EM			F7	
						S		·			E	
8						2		26.9(~32.2m;				
1 2 Pe								brown~pinkish Xenolilli, pumice			E ₉	
0.0				l			,	Kenolilli, panice.				
合配の							'				30	
1											որույլույրույլույլույլույլույլույլույլույլույլույլ	
druhmilandandandandandandandandandandandandanda											E'	
2	ľ							રુટ			<u></u>	
- 1												
3 =								Itesh & sound tock.			E 3	
4							/	·				
4-								3 K 6			= 4	
								6.7			3 4 5 6 ահամահահահահահուհ	
١				ļ				39.6~ 975m:				
9 3					2	4	(2)	Soft			 E ₆	
								36.7 346~3465 mislaking 322~367 mislaking				
7-3 1								35.2~367w=slaking			7	
륄								36.7 ~ 45.2 M : CML				
lundum (asti					i			(16-80 The			E 8	39.4m
ماساً على					1	3	1	C 0 0 4 M				
10 Castic of 6 W												W.L. ∑
40 = 1	_	ЩЩ			0		\perp				E¢0	نــــــن
	×				1		1 (st	▶ driller's note 4 ick), 2 (substick), 3 (piece), 4 (fragment), 5 grain				
core loss 1 (hard) ~ 5 (soft)												
		L	800		1 (1	resh) ~	- 5 (de	composed)				

Figure 1.5 (3/3) GEOLOGIC LOG OF DRILL HOLE

LOCATION	PROJECT	HOLE	NO.BG-5 (SHEET 3 OF	: <u> </u>								
EL EVATION	icike los II	DEPTH OF HOLE	m COMMENCED									
COORDINATE	<u>m</u>	DEPTH OF OVERBURDEN	m COMPLETED _									
ANGLE FROM HOLIZONTA	•	LENGTH OF ROCK DRILLING										
BEARING OF ANGLE HOLE		CODE DECOVERY	m LOGGED BY _									
W OPER PARTICULAR OF CORP.												
DEPTH ROCK NAME LOG CORE CORE RECOVERY TION KIND OF BIT			WATER TABLE	- H S	<u>;</u>							
DEF CC CC CC CC CC CC CC CC CC CC CC CC CC	COLOR WEATHER -ING HARD.	DESCRIPTION	WATER PRESSURE TEST	DEPTH								
✓om 0 → 100	3 I	0 0	LEAKAGE OF DRILLING WATER LUGEON									
	++-	CHI		40 Om</td <td>m ▼</td>	m ▼							
Process Sance Landenhadrahadrahadrahadrahadrahadrahadrahadr	3	513 CD 48.5~57.0m: Sandy Infl with horizontal laminare.		-								
	1 1 1	▶ driller's note ◀										
core loss	1 1	(stick), 2 (substick), 3 (piece), 4 (fragment), 5 grain										
ROD	·	1 (hard) ~ 5 (soft) 1 (fresh) ~ 5 (decomposed)										