Project	ı	NA	M NG	AO SITE	: No. a		Loca	tion	QUARRY	Boring No. Q-1	Log No.	100f	2	11
Co-ord	linates from 1	.N.L.	966,0	48.595	E394	537.84	7 Eleva Core	Recover	342.581mMSL	Depth of Hole 59.	0.20 m Complet	d15/1	1/88	
Bearing	g of A	ngle	Hole .				Com	pany	EGAT	Total length of core	5.90 m Logged	ογ <u>ν: V: VI</u> Κ. Τα	chorn keda	
Ogte	to do	0 0 sc	Geology	Symbol of geology	Care recovery	Kind of Bit of Core (mm.)	Comentation	Colour of rock	Westherng Hardness O Avesage longth Of core	Description	WATER PRESSURE TEST LUGEON VALUE C	50 Pressure Kg 100 Teme men	N. Owen	Elevation
\$871176	0 1 2 3 4 5 0 7		OVERBURDEN					Reddish brown		0.00-10.20 m. Overburden. 0.00-0.50m. Top soil 0.50-4.60m. Clayey silt with anndstone fragments Core loss at			0 1 2 3 4 6 6	
10/11/58	8 9 10 1 2 1 2 - 10 1 2 - 10 1 2 - 10 10 10 10 10 10 10 10 10 10 10 10 10									0,20-20,40m. Shale with sandsions interbadded joints		20	7 9 10 1 2 3	
11/11/88	ովումորիովուկուկուկուկուկուկուկությո 3 4 5 6 7 8 9	1 1	ALTERNATION WITH SANDSTONE					Brown		pip 10°, 40°, 70° coated with clay and Iron oxide, bedding 40° 20.00-23.00m. Chert bed. Core loss at 11.60-12.30m,13.30-14.30m, 17.50-20.40m,21.90-22.20m		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	radischeduckindendendendendendendendendendendendenden	
	20 1 2 որուկակականոր		SHALE							22.50-22.65m,22.85-23.20m		20	20	
12/11/68	ց 4 5 6		TONE					Gray		3.00-38.40 m. Joints sip 30°, 45°, 70° Bedding 25° Fresh and sound		75	tinding ballands	
13/11/88	7 8 9 9 30		LIMESTONE				:					\ 20 \ 20	1 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	
	Core	loss	I		D	f (fragh) —	Weefu decompo		Hardness 1 (hard) ~ 5 (s		then 50 cm), 2 (50 cm, 20 cm) , 5 cm ), 4 (less then 5 cm ) 5			

Draign	, .	NA	M N	GAO O	ITE NO	. 2	Local	tion	QU.	ARRY		Boring No. Q	- 1	Loa No.	2	of 2	
												Depth of Hole 59					
												Depth of Overburden					
												Total length of core					
					·	,			<b>y</b>	·	·		<del></del>		٠.	-0 N W G U	
Oarte	<b>X</b> Depth	O & %	Guology	Symbol of geology	Cora recovery	Kind of Brt of Core (mm.)	Ceraing	Colour of rock	Weathering	Hardness	On Average langth of core	Description	WATER PRES LUGEON VAI	LUE ()		100 Timemin	Elevation
	30	80		田田									<b>†</b>		11	30	
13/11/88	ուղակուրակուրո 1 2 3	31 0 6										As above. Core loss at 2700-2740m,2780-28.30m 31.00-31.10 m.			45	75 multiplication during 1912	
14/11/88	ակավաղագրական հույիությունական հույիությունական հույիությունական հույիությունական հույիությունական հույիություն	78 43 27										38.40-59.40m. Limestone joints 10°, 45°, coated with clay and iron oxide 42.00-47.80m. Calcite filled in joints and cavity.			20	ուհագիանավումիակականականականականականականականում	A PARTIE DE LA COMPANIA DE LA COMPA
15/11/86	5 6 7 8 9 50 1 2 3 4 5 6 7 8 9 9	38	LIMESTONE					Gray				4780-59.40m. calcite and clay in cavity. cracky, and fragmented rock. Slightly weathered Core loss at 46.30-47.10m, 48.40-50.30r 51.50-52.70m, 53.55-56.20m 58.00-58.20m			20 20 43	որարարարարությունը ար	
┝╌┤				戸井		$\vdash \dashv$			444			Boltom of hole	<del></del>		1-173-		<b></b>
L	Core I	<u>.</u>			ЩШ	لببل	Whethe	rina		للئلك	Щ	- Average langth of Core 1 (more	thin 50 cm 1 27	50cm 20 cm )	سلسل	<u> </u>	<u></u>
. 1	cura h			2	n. '	(fresh) — S	Учения (весопура)						then 50 cm ], 2 ξ ,5 cm }, 4 (lese		rained)		

### B-3-(2) MAE LAMA LUANG SITE

											Depth of Hole 9  Depth of Overburden			25/3/		
ngle earing	trom I g of A	ngl <del>e</del>	ontai Hole	ىشلىكلىك. ئوقۇرىپ			_ Comp	any	·ΥE	GAT	Total length of core 8	1.30 m	Logged by		npong	
Opto	Depth	A Q D	Gaology	Symbol of geology	Core 1800%	Kind of Bri of Core (mm.)	Caring	Colour of rock	Woathering	Hardness Average length of core	Description	LUGEON V	ESSUAE TEST ALUE O	Drill Drill Pressure Kg	Depth	Elevation
6/3/87	MO 1 2 3 4 5 6 7 8 9 10 1 2 1 1 2 2		Overburden			e barre! s 52 mm		yellowish gray Brownish red.			Overburden: Silty sands with some boulders brownish red with plant roots.  O-4.50 m Detritus deposit  [4.50-28.80 m)  Sandstone: Highly to moderately weathered, brownish gray, massive to laminated at some parts.  Bedding dips 20°-40°  (bedding joint) planar or curve.	2 kg	o) o pressure /cm²	30 30 30 30 30 30 30 30 30	0 1 2 3 4 5 6 7 8 9	1666, 59
7/3/87	3 4 5 6 7 8 9 20 1 2 3 4	0	Sandstone			NMLC triple tube core		Brownish gray to yet			Completely weathered at 16.00-29.90 m. Cutting at 16.00-19.00 m.			20 80 20 80	ովամանականականականականականականականականական	56.9
8/3/67	5 6 7 B 9 30	0 0 0		X										20	չուրույակավարկականականում 30 թ. հ. 1	46.5

ordii ole fr	ne i	doriz	latno		90*		Core	Recover	y 8	4.69	<b>*/•</b>	Depth of Overburden	4.50 m Comp	leted	25/	3/87	خنت
guing Qua	of A	ngle	Hole .				Comp	any		G A	Y	Total length of core	II.30 m Loggs	d by	V. Pi	akeda akeda	
Deta	Depth	008	Gaology	Symbol of geology	Core	Kind of Bit of Core (mm.)	Cementation	Colour of rack	Weathering	Hardness	Average langth of core	Description	WATER PRESSURE TEST LUGEON VALUE WATER TABLE — V	Peo .	100 Time men	tidad M	Elevation
+	M 30	%			100%						3	(28.60-54.00 m.)		Ň,		30	
	1 dund	0						ļ			##081	Schistose limstone and	Calcareous	V.	45	ասա	1 52 1
1	2 day		- 2		**							sandy limestone	sandstone.	1		وأسط	. 9
1	3 4	٥	schist	100		Ī						brownish gray to			ed	3	
	4 P	٥						:			ı	yellowish grdy, highly			70	<b>4</b>	
7	5 5	0	Calcareous	$\mathbb{N}$					$\mathcal{N}$		Ж	to slightly colcoraous			50	و الرسا	
7	Tiple:		aje	IVII								Shistosity dips 40°		$\mathbb{N}$		ւնում։ 8	
١	6 4	٥		$\  \Lambda \ $				.	$    _{\mathcal{U}}$		MIII	Most joints are 40°			60	- J	
١	7	٥	oro.	ance)							$\Pi \mathcal{V}$	(bedding joint),			60	uuluu	
١	8 -	~	Schistose Ilmestone								Şēja	irragular, rough				8 شش	
	9 4	9 I.	8									some Joints 10° smooth	1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		50	9 - Limil	
4	<b>4</b> 0 =		hisro			52mm.				<b>1</b>		highly calcareous from		H	4	40	136.9
	1 -	٥	છ			952						28.80 - 46.00 m.		1)	55	1	
	<b>2</b> malanda	$\vdash$				<u> </u>						Stightly colcoraous		K		2	
	The state of the s	٥				barrel			-	-		from 46.00-54.00 m.			30	3	
	3 -	0				core		Gray				(Sandy limestone)		Z	30	шіш	ŀ
_	4 (Final)	٥				- 1		٠			Į.	Sheared zone at		\begin{align*} \begin	30	4	
	5 - 5	č				tube	IJ					41.00 - 42.30 m.		-17	3O	5	
	6 🖁	တ္တ				<u>a</u>						43.00-43.50m.				6	
	7				111	14 P	ļ								1	7	
ļ	8 ja	50	оле			S M	ļ								60	8	
ļ	0	_				ž	.					i i		K			
ļ	A Linder	9	spups		1	}	ļ							2	5	- Turn	126.9
1	50 g		STOILS		***	}									$\prod$	50°	
-	1 =	ن	Calcareous			}									30		
	5 1	2	S				1							—//s		2	
7	3	00	:											5		3	
1	4 1	0		STATE OF			}				111		0.5	Z	30	4	
	5 T	0	(e)		Ш	)						54.00 - 96.00 m.		$\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$	30	5	1
	1	ø	Š									Schistose limestone		N	45		
}	6 -	0	schi		1111							interpedded with			1		
	7	<u> </u>	~ \		111	Ì	Ì					quartite and phyllitic	(4.7)	1		7	
	8	ю	istose				j							$- \lceil J \rceil$	40	8	
7	9 =	٥	(Sch calc		11		Ì					rock : Fresh, hard but		72	0	9	
1	60 E	0			13.03	1	1					brittle, extremly to		1/2	5	E 60	116.

7			. ·	 <b>T</b> 753-	<u> </u>				T -		7	Total length of core9.	- 134 · 1		, Y	K.Tok	T
Once	Depth	008	Gaology	Symbol of geology	200%	Kind of Bit of Core (mm.	Casing	Colour of rock	Weathering	Hardness C Average longs	of care	Description	WATER PRESS LUGEON VALL WATER TAB	E ()	O Drall 50 Pressure		M Depth
	60 M	96	9.5				u 4,344					highly fractured.			20		60
	1	0	1							1	Į,	Schistose (imestone) -			20	ш	1 2
6/3/87	2											gray, moderately show			20		-
9	3	9	\$4.3°	X						<b>***</b> ****	Ш	schistosity highly to		110 2007 -		lumbur.	3
	4	0	3 - 7									slightly calcoreous		ų Ma	25		4
	5 -	ō									Ш	Phyllitic rock: - slightly to non			*		5
28.4	6											colcoreous schistosity		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	20		6
7/2/87	7-	0	schist									dips 40°-50° Most Joints	(1.1	)	120	100	7
/21	8		341.3	业								40° (bedding joint)		* +	H		8
	9 -	٥	Calcareous			E E						soma joints 20° planar			\ \ <b>*</b>		9
	70 -	0	Calc	<b>W</b>	*	52.						or curve, sheared zone	<u>-</u>	·	300		70 K
	1	0	Œ			<u>=</u>	; }					at 54.50-55.00 m.			50	l min	1
	2	0 0	rock	VĒ.		barre						83.40-83.70 m.		•	15		2
18/3/87	3	ō	phyllific		80 BX	0.00		**				89.20-89.40 m			25		3
~	4	0	phy	V		t ube o		· ·				86.70-86.90 m.			20		4
	5	٥		M.		1		Gray				95.20-95.80 m. Highly to extremly			30	+==	5
3/8	8	0	quartzite			triple						fractured at			30	<del></del>	6
Δĵ	7	O	quar			1						57.00 - 64.50 m	1."		15		7
3/37	8	٥				NMEC						65.20~75.00 m				The state of	8
23/	9		9110												1/20	Light Light	9
	an.	0	Imestone									:			30	ા E	80
	Title of		1 - 1												30	+	,
77 -	, ,	0	Schistose												30	1 1	2
	2	О	Sct	<b>W</b>							4				5	0	3
	3	0		X											30	min	
/3/87	4 and an	o		關											30	1	4
24/	5	٥													20		5
	6	٥												:	20		6
	7	0									-			-	10		7
87	8	0					}	1.							15	1	8
25/3/	9	٥													N		9
ν.	90 <u>=</u> Core	  014			IJ U	<b></b>	Weethe					Average length of Core 1 (more than 120 cm				O E	<u>90  </u>
				. di V		(fresh)	5 (decompo			ns 1 (bard) -	- 5 t s		Som I 4 (tesa sh	an a com. 15 (	An 6> 1361 }		

la f	rom H	torizo	ontal	75. <b>0</b> 70 F	0		Core	Recover	Y	84.6	9 %		epth of C	iverburd	n	4,50m	Complete	d		1/07	
ring	of A	ngla	Hote		-		Comp	any		E G	A T	1	otal lengt	h of cor		81.30m	Logged b	γΥ		n pong keda	
	Depth	A O D	Gaology	Symbol of peology	Core recovery	Kind of Bit of Core (rnm.)	Casing Cementation	Calour of rock	Weathering	Herdness	Average langth	of core	Desi	ription		LUGEON V	ESSUME TEST ALUE O	JE O	Pressure Ko	Depth	Elevation
4	M AA 3	*		र्ड जासम्ब	* 100 <b>*</b>				1		- 5			<u>1</u> 				0	3 5	M 90	╀╌
	90 militur	٥	**		***							ď	54.00 - 90	5.001		, i		H	4+		
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	2 days	٥	S .			/¥		Gray								: .		M	4	3	
	3 pulumin	-	Calcareous			triple		ဖ်											5		
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	nates	NI,9	86,26	2.421 E	372,279	351	Eleva	tion	174.271m MSL	Depth of Hole	70.00 m Co	mmenced	24/11/	68
ingle fo learing										Depth of Overburden _ Total length of core				
a in Leas (i)	יא וט	ii ya	FIUI8					Pany			<u> </u>	9900 07	K. Takeda	
Date	<b>Z</b> Ospth	8 Q D	Gaology	Symbol of geology	Core recovery	Kind of Br.	Casing Camentation	Colour of rock	Weathering Hardness Average length of core	Description	WATER PRESSURE LUGEON VALUE WATER TABLE -	<b>√</b> .	100 Time min	Eleveton
24/11/88	0 1 2 3 4 5 6 7					Tungsten corbide bit		e brown Yellowish brown and		Overburden 0.00-17.00 0.00-5.00m. Clayey sand silty sand and loose block of quart schist, quartzite. 5.00~10.30m. loose block of quartzite, quartz	r K≈l.66 x lo <sup>−3</sup> cr	n/sec	3 adamindada findada f	
25/11/86	գրուկադարարարակարակարակար	er en eg er e Mege (d. 11,18 vegen en gjernegte (d. 1888).	Overburden			bit		Brown Pale		9.00-9.70m. Core loss 10.30-15.00m. medium sand, loose 15.00-15.50m. loose block of schist and quartzite 15.50-16.70m. loose	K=1.56×10 <sup>-3</sup> cn	77	9 unduration 10 1 2 and a structural to 10 4	64.27
	5 6 7 8	, ,			igel Igel	diamond core	Casing			block of LS 15.65-16.00m Core loss 16.65-17.00m Core loss Limestone, sandy-limest 17.00-54.20 m.	_	11 1	6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
26/11/88	0 9 2 - 2 3 Includes/ministration/inclusives/co	0 91	nestone		negr	NMLC		Yellowish gray		bedding dip 30° - 40° highly weathered at some part, some calcit vein/vein lets 19.85-20.20m. Core loss 20.50-21.00 m. precciate limestone	K= 9.00 x 10 <sup>-4</sup> ci		9 galandardardardardardardardardardardardardard	154.2
29/11/88	3 4 5 6 7	81.	Limestone, sandy-limestone		inces			gray gray		21.30 -21.60m. Core toss 23.65 -24.00m. Core tos 24.70-25.25m. Core tos	S	/800	3 4 5 6 7	
	8 of the Core	0.0					West	Brownish yellowish		27.94-27.98m. 28.26 28.36m. Joint (dip 40° smooth, some clay and coloite filled  Average large of Core 1 (more	Constant head to	***	9 30	144.

	inates								Depth of Overburden 17.	00 m. Complete	21	5/12/8	6
gl <del>a</del> f	rom Hor	izontal	90*				ry 78.4 E G A		Total length of core 54		···	Patteno	
ting	of Angl	e Hole		-,	comp	BANY			_ Total longiti of colo		к.	Tokedo	
946	g 0		Symbol of geology	Kind of Br. of Core (mm.)	Castng Cementation	Colour of rock	Weathering	Amenga imago of core	Description	WATER PRESSURE TEST LUGEON VALUE O WATER TABLE — N	Drift.	100 Time min	Elevation
	MA	4	တ် -100 h			and the second	1	- 5	70.50 70.70	26.2 - 32.2 m	0 8	₽ <b>M</b> ≘ 30	├-
Į	30 .								30,50-30.70m Bracclated limestone		$N \vdash I$		[
	1 11 9									26	LNLI		
	2	-	100		1 1				30.60 - 30.65 m. Joint	Pmex = 3 kg/cm <sup>2</sup>	$\Lambda \Box$	2	1
}	- <b>-</b>   c	,			1				(dip 40°), smooth, clay	29.0 -35.0 m	M	3	
	3 1								seamed and calcite	(22)	+44	- <u>E</u> "	
	4	·							fillod.			4	1
	1				ō.				33.50 -34.00 m. Core loss 34.66 - 34.72 m, 34.90 -	Pmax = 2 kg/cm <sup>2</sup>	$N \square$	5	
1	5 4 5		- W		asin				34.95m. Joint (dip 40*)		$N \sqcup 1$	<b>E</b> *	1
-	6 1	- ((mestone			.ပိ			1 11	smoth, clay seamed and coloite filled		k-1-1	- 6	1
.	4	٤			, }				36.00-36.50 m.		$\mathbb{N} \sqcup$	Ē 7	
	7	= =						<del>                                      </del>	Brecciated limestone 36.70-37.30 m. Core loss			_ <b>j</b>	1
	8 4	andy	由川	1			$\mathcal{M}$	TUR	37.65-40.00m. Core loss		$\mathbf{N}$	8	
١	in lan	Sa						<i>X</i>	40.20 - 40.75 m, and 54.32 - 45.35 m. Joint		X	وط	1
-	9 🗐	_			-			$\mathcal{M}$	(dip 40°) smooth, clay		$\mathbf{I} \mathbf{I} \mathbf{N} \mathbf{I}$	£ "	
_	40 = 0	, 2			Į				seamed and calcite	7.84	H-1-1	<b>-</b>	134.2
		st			l	2			40.75-41.00 m. Core loss			_f_,	
Ì	1 1	Limestone		÷ q	1	gray						``	
3	2 H	י ר	FF 105							41.0 - 45.0m		E 2	
	- 1			o c	į	3			43.60-44.00 m. Core loss				
}	3 4			3 5		yellowish			43.60-44.00m. Core loss	34		3	
	4 =		177	32 m		×.		44	44.55-44.85m. Shear		$\mathbb{N} \setminus \mathbb{N}$	4	
	7	].		<del>2</del>	Ì	<u>.</u>			zone.	Pmex = 2 kg/cm2		_ ᡛ	
7	5 🖥 c	,		ن		gray			A		$\Box$	5	
-	8 7			NW.	I				Calc-schist interbedded with sandy - li mestone		$N \cap$	₽ 6	1
1	8 1	chist,	茁.	2	l	Brownish			45.20~50,80m, bedding	43.0 - 50.0 m			
	7	Se.				<b>≩</b> 0			dip 40°, hord, dense 45.32-45.35m. Joint (40°)	(0.1)		7	
	8	schis			j	ā			smooth, some calcite			8	
}	` <b>∄</b>	اح ا								Pmox = 9 kg/cm2		1	
1	9 11 1	Calc	串換		1				vein. 48.40-48.50m., 50.30-	<b>1</b>	N	9	
_	50 1	J "			l				50.60m. Joint (dip 55*-60*)	<u> </u>	<b>A</b> II	<b>—</b> 50	124.
1	- 3								irregular, some calcile		X	111111	
)	1444	· ·			İ				Sandy-limestone 50.80-	49.0 ***	N		
1	2	Sandy -			1				53.35m, bedding dip 40* 51.33~51.63m, Joint	49.0 - 56.0 m	HI	_ 2	
- (	4	Sandy	出		ļ				(dip 60*) smooth, some clay,	(0.1)	KH	_	
	3	છ Ξ	国		]				calcite filled. 52.45-52.65m. Shear zone		$ \mathbf{N} $	3	
	4				]				Colc-schist 53,35 - 70,00m. slightly	Pmax = 10 kg/cm2		4	
	. सम्म			4	1				calcareous, core high		$\mathbb{R}$	-[	
1	5	1	170		1				broken, some calcite vein/veiniets.		MH	- 5	
, (	. 4 2 8 ականականականա	18							53.45-53.75m.,54.20 -	<b></b>	LNL	- 6	
		- schist			j		IJHIII.	ШШ	54,45m. shear. zone 55,45-53,75m. Core loss		M = M		
	2 mate	2			Ì		IIIIII		56.00-57.70m. Core loss		11	- 7	
٠ }	8 4	Calc						1	57.70 - 59.00 m. Core loss		KHH	8	1
-	, III						]]}}	41			IN!	Į į °	
1	9 📲			$H \mid \mid \mid$					59.40-60.25m. Core loss		44	9	
ł	60 H	1	##### <b>27</b>	}	. 1		(TT+1-11)	TURK		<ul> <li>1 1 2 3 3 5 5 5 5 6 5 7</li> </ul>		50	114.2

from H	orizo								-21-7.5	A 9/	L Depth of Hole	17 00m Complet	~d	25/12/88
g of An	gle	Hole	مياها د ميا د مياها	90	بد و دروس در جستان سد برد	Com	pany		18. E.G	AT	Depth of Overburden Total length of core	54.85m Logged	by	H. Pattan K. Takeda
Depth	ROD	Saciogy	Symbol of geology	Core recovery	Kind of Brt of Core (mm.)	Carting Cementation	Colour of rock	Weathering	Hardness	Average length of core		WATER PRESSURE TEST LUGEON VALUE  WATER TABLE	O Drill	Depth
60 1	*			653			<u></u>				60.75-61.75 m Shear zone 61.10-61.45 m. Core loss	(1.7)		60
2 ուկումում				[C]  50	- I			***			62.00-62.50 m. Core loss			2
3 1 4 1		nist		§0	d core	:	yello				63.00-63.40 m, Core loss	1 A		industry 4
5 qual-aqu	0	)c - sc		(2) (2)	diamon 52 mm	,	gray,		====		64.80-65.00m, Shear zoni 65.50-65.80m, Core loss	1.4	A	thur 5
6 T		ၓ		, <u>10</u>	NMLC		wnish				66.00-66.50 m, Core loss 67.00-67.45 m, Core loss	Pmax = 12 kg/cm <sup>2</sup>	Z	7
8 my				23			80				M	670 - 70.0 m		8 Hugh
1111				11160			\.			i i i i i i	Harrier and the second	1.4) Pmax=13 kg/cm <sup>2</sup>	X	9
10						:					Bottom of hole 70.00m			malman
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	M60 1 2 3 4 5 6 7 8 9 00 1 2 3 4 5 6 7 8 9 0 1 2 3 3 4 5 6 7 8 9 0 1 2 3 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 3 6 7 8 9 0 1 2 6 7 8 9 0	M 60 1 2 3 4 5 6 7 8 9 70 1 2 3 4 5 6 7 8 9 0 1 2 3	#60 1 2 3 4 5 6 7 8 9 77 1 2 3 4 5 6 7 8 9 0 1 2 3 3 4 5 6 7 8 9 0 1 2 3 3 4 5 6 7 8 9 0 1 2 3 3 6 5 7 8 9 0 1 2 3 3 6 5 7 8 9 0 1 2 3 3 6 7 8 9 0 1 2 3 3	60 1 2 3 4 5 6 7 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 9 7 8 8 9 9 0 1 2 2 3 3 3 4 5 6 7 8 8 9 9 0 0 1 1 2 2 3 3 3 5 7 8 8 9 9 0 0 1 1 2 2 3 3 3 5 7 8 8 9 9 0 0 1 1 2 2 3 3 3 5 7 8 8 9 9 0 0 1 1 2 3 3 3 5 7 8 8 9 9 0 0 1 1 2 3 3 3 5 7 8 8 9 9 0 0 1 1 2 3 3 3 5 7 8 8 9 9 0 0 1 1 2 3 3 3 5 7 8 9 9 9 0 0 1 1 2 3 3 3 5 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	60 1 1 2 2 3 2 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	animination in a second	Section of the sectio	unturitantiantiantiantiantiantiantiantiantian	State of the state	minimization den de de de de de de de de de de de de de	Phinateninal and an internal a	60.75-61.75 m Shear zone 61.10-61.45 m. Core loss 61.50-62.00 m. Core loss 62.00-62.50 m. Core loss 62.00-63.40 m. Core loss 62.00-63.40 m. Core loss 62.00-63.40 m. Core loss 64.00-64.45 m. Core loss 64.00-64.45 m. Core loss 64.00-64.45 m. Core loss 64.00-65.00 m. Shear zone 65.50-65.80 m. Core loss 67.00-67.45 m. Core loss 68.00-68.70 m. Shear zone 69.00-69.40 m. Core loss 69.00-69.40 m. Core loss 69.00-69.40 m. Core loss 69.00-69.40 m. Core loss 69.00-69.40 m. Core loss 69.95-70.00 m. Shear zone	60	M   N

239,320	Core Recove Company	133 erv	92.20 %	Boring No. LY Depth of Hole Depth of Overburden Total length of core	2.60m Complete	eq	5	/5/8	7
	Core Recove	erv	92.20%	Depth of Overburden	2.60m Complete	ed	. 5	/5/8	7:::
T	Company	ery	92.20 V.	Total length of core	41.50m Logged I	by	٧.	Punso	na
T -T				Total langth of core	HI ON COSSEC I	γ			
e (mm.)								.Tokas	
of Brt e (mm.)						T	<del></del>	<u> </u>	<u> </u>
10 mm	c 7	o e	. 6		WATER PRESSURE TEST		Ĭ	5	1 1
יויי בן	Cementation Cementation	Weathering	Hardness Merage length	Description	LUGEON VALUE	350	ğ	Depth	Elevation
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1 1	Colour						2	8 <b>M</b>	
10	<del></del>	+	minim	0 - 2.60m		13	ŤΤ	E 0	
	ج ا ا		<u> </u>	Overburden : Cloyey		L	0		
	Reddish			silt with some trace of	1.3.5.25	20.0	5	_ᡛ	
	د ۾			sand and roch fragments.		17	20	2	
	]			Taggiss broam		٨ .		<b>F</b>	
		DE SEE	#48425561	(2.60 - 9.00 m.)		1	++	— <u></u> ₹	
N A	Ę	LLH		Sandatone and guartzite		N I	0		
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	ð	-240	Bandanes:			Ν	4-1	<u> </u>	
				calcareous yellowish		$ \mathcal{M} $	5	Ē.	
	1 5	LPT1		brown to brown, soft,	Constant head test		$\top$	T '	
8 .	5			hrittie		$\Lambda$		Ε ε	
	ق ا	E .	(call)			-	$\rightarrow$		
		-				H	4	<u>-</u> ₽9	/ [ ] <sup>[5]</sup>
				(9.00 - 40.40 m.)		H	30	-₽.	
	socod		L.					F 10	'
ă l				Sandstone interbedded	No water leaked	N	, al		
	1			with schistose		H			
	- [		11	Calcareous schist	l	$\mathbb{N}$		E 2	$U_{i} = U_{i}$
				Limestone : moderately	3 kg/cm <sup>2</sup>		7-1		
0	- 1			to slightly weathered	<u> </u>	$\Lambda$	.	E 3	3   1   1
84 E	- 1					1		E	
M 1	Ì		515	provinish gray to gray		1 1	30	E	
2				Sandstone Gray , medium			لله	士,	
ğ		2				Αl		E `	
M I		Ş.		to course grained,	1	1/		E (	,
8	2			calcareaus massive to		1 1		E	
N	5		.    L				ا ا	E 7	41
3				weakly laminated.	(0.4)	-	743		.
•	-			Calcareous schist :		Νi			' 📗
2	5					17	20	Ļ <b>Ĕ</b> ,	,
1 5				nightly to stightly		N			
M I	<u> </u>		513	calcareous, brittle,		╂┪	4	- E-20	)
2	3				18.90 m	<b>R</b> {			1 4
Ž	1 60			tominatea.				E	<b>.</b>
	i			Bedding dips 40*	(1.6)	Щ	10		2
						N١			
	İ			most joints 40*( pedding			20	<b>:</b>	3
	1			Joint) planar, smooth			10		
					la de la companya de la companya de la companya de la companya de la companya de la companya de la companya de			F '	4:
	· j			or polished.	<u>                                      </u>	1/1	15		
	-			Some loints 50°-90°		1		TE.	<b>'</b> [`
i I	Ī					M		TE /	8
	. ]			irregular, rough.		LY	35	<u> </u>	
8				Few joints 30.	(0.7)	П		TE.	,
	1			İ		$ \mathbf{I} $	25		
8				irregular, curve.		H	1	-	8
			1 Ja - A			1/7	20]	HE-	
	<b>,</b>					1	25		9
H I	. [			1 1	1	1-1	5	E 30	
	NMLC Triple tube core barrel # 52m	Triple tube core barrel # 52m  \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	riple tube core barrel # 52m  gray to gray  arms  Yellowish brown to brown	NMLC Triple tube core barrel # 52m  Brownish gray to gray  Tellowish brown to brown	ESCO 9.00 m.)  Squastone and quartzite; completely to highly weathered, non calcareous yellowish brown to brown, soft; brittle.  19.00-40.40 m.) Sandstone interbedded with schistose Calcareous schist Limestone: moderately to slightly weathered brownish gray to gray Sandstone: Gray, medium to coarse grained, calcareous mossive to weakly laminated. Calcareous, brittle, lominated. Bedding dips 40° Most joints 40°(bedding joint) pionar, smooth ar palished. Some joints 50°-90° Irregular, rough, Few joints 30°	Sondstone and quartite:  completely to highly weathered, non calcareous yellowish brown to brown, soft, brittle.  19.00-40.40ml Sandstone interbedded with schistose Calcareous schist Limestone: moderately to slightly weathered brownish gray to gray Sondstone: Gray, madium to coarse grained, calcareous massive to weakly laminated. Calcareous schist: highly to slightly calcareous, brittle, laminated. Bedding dips 40* Most plants 40*(bedding Joint) planar, smooth or patished. Some loints 50°-90* Irregular, rough. Few joints 30°  18.30 m	Sandstone and quartitie; completely to highly weathered, non calcareous yellowish brown to brown, soil; brittle.  [9,00-40,40m.]  [9,00-40,40m	Table Power of the property of the property of the power	10   10   10   10   10   10   10   10

Co-ordinates NI,966,218.272						2 of 2 ed 27/4/87
Ingle from Horizontal	90*	Core Recovery 9:	2. 20% De	pth of Overburden	2,60 m Complete	
earing of Angle Hole	c	Company	E GAT TO	tal length of core	41,50m Logged b	V. Punpong K. Takeda
Dent.  Sectory  Symbol of geology	Core recovery Kind of Bit of Core (mm.)	Colour of rock Vieathering	Hardness O Average length of core	Description	WATER PRESSURE TEST LUGEON VALUE  WATER TABLE —	50 Pressure Kg 100 Time min \$\mathbb{X}\$ Depth (Elevation)
20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	#52mm	gray	(9.6 She 10.	00-40.40 m.) ared zone at 40-10.60 m. 50-14.90 m.		15 2 20 20 3 10 4 4
Sandstone (schlstose limestone)	Triple tube core barrei	Brownish gray to		50-38,10 m. 50-39,80 m.		30 5 30 6 10 6 15 7 20 8
5/5/87  The control of the stone of the ston	NMLC Tri	Yellowish gray to gray	Sch yel ligi stig thir col bri	40-45.00 m. Istose limestone: lowish gray to gray, intly weathered, nly laminated, careous, hard ttle. I core are broken.	Constant head test from 10.00~45.00	13 40 20 1 30 1 15 2 15 2 10 2 40 40
5 maritan frantana and an an an an an an an an an an an an an			Bed Mos Sms	ding dips 40° t joints 40° planor both or polished heared zone of 41.80-42.00 m. 43.00-43.25 m. 44.00-44.25 m. tom of hole 45.00 m.		45 6 7 8 9 0 ւ 2 3 4 5 6 7 8 անանանանանանանանանանանանանանանանանանա

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Project	L			AMA LU			Loc	ation <u>O</u>	m Sigh	(Right /	Abutmi	nt/Boring No.	Y/ DR = 3 O. OO m	Log No. Command			5/88	A
								vation		3000	KSL.	Depth of Hole	4.00m	Complete				
Angle 1	from t	loriz	ontal .		90.		Co	re Hecal	ery	- C ( )	<u>0570</u>	Total length of core	1.85m	Longed b	v	н. Р	attana	4 (195
3earing	of A	uĝie	Hole .				60	mpany		E 9 2	<u></u>	Total letight of sold	111 <b>2</b> -11-11 1	cogget	F	K. T	a keda	
		r			r	Υ	T	T-	<del></del>	T				····	9	Ę		
- 1				o o o o	recovery	5 8	6	g k	Ę.	1 15	e estata			ESSURE TEST				· ×
e Paris	Dept	a u	Geology	6	ğ	78 jo	Casing	6	Weathering	Hardness	Average lengs of core	Description	LUGEON V	ALUE ()	Drint Turk	ē	Depth	Elevetion
٥	. ō	αc	ğ		Š	Kind of Brt of Core ( mm	Casing	Colour	*	<b>1</b>	₹ :		WATER T	ABLE	, e	, iF	1	ā
ļ	M	%		Symbol	- 100%	8		٥		1	3				္ လိ	8	М	***
	0			[ • . • ]		5 g	T	Brow				Overburden - 0.00 = 4.00m. 0.00 = 1.40m. Sandy sill	}		10		0	N/es
-	1 1		<u>۾</u>	^^^		Tungsten corbide		Grayis	- [] [] []			and fragment of quartrites topsall and defritus depoits			7 6		id id	593
أية	145		Overburden	•••		H 02	1	prowi	41111	11111	1111	1,40 -3,30 m. loose blocks	1			30	2	,
3/88.	2 प्		ě			1		Gray				of quartzite.	\$		C) I	~	ritriti.	\$ 4
6	3 4000		ð			1		ΰ				3.30-4.00m, medium sand.	Constant	head test		40	3	
<u> </u>	y mp			4.1				WO 18				weathered rook	y 1974	拉拉 机热泵	$N \mid$		utru	
1	4 17	_					] `	3.04	. 11111			Quartzite 4.00 - 13.00 m.	K=1.8 × N	0 <sup>-3</sup> cm/sec	$\square$	50	4	1
Į	THE T				<b>-</b> •		2	1 .				Quartzite, hard, brittle				40	6	300 mm
	र् भू						w	Brownish	, 5			core high broken.	1		$N \mid$	30		Ì
Į	6 -	.0					ြီ	ownia				7.00-7.65 m. Core loss				~	8	
/5/88	nha						1	.   8				0.65 m. 10.50-13.90 m. Some	<b>i</b> .			ю	. 7	i i
ń	7 =					١ إ	١,	-	334	+		calcite vein, thickness			10		[ ]	
=	8 7	-				4						0.50-2.00 m. dip 70° 10.55-10.90 m. Joint	Constant	neod test	<b>k</b> ho	==	8	
Ì	8 9 որուկական						{	1				(70°) irregular,	K≈ 5.35 x	10 <sup>-4</sup> cm/sec		35 35	Ē	
	9 1								- [:			limonite filled			<del>                                     </del>	<del>"</del>	9	
-	THE PERSON NAMED IN	0	is t					1				12.70-12.85 m. Joint (70°) irregular,	}		\   5      0	-	10	78.96
1	10 =		Quartzite				L¥.					limonite filled			7 12		E "	
1	- Juntunda		ğ			١ ١	1	Gray		1.12			<b>}</b> -		Z 13		1	1
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1	2 =	0					1	1					j -			-	2	
	, and					قا						13.00-13.30 m. Core		GW. 12.10	$\mathbb{N} \sqcup \mathbb{I}$		E 3.	
1	3 4					Sore						loss 0.30 m.	] · ,	4/5/08	20			
5/88	4 1						Į	<u> </u>				Colc - schist 13.90 -			30		4	
è	1	0	ist -		- /	amond 52 mm	1	Gray				19.90m brittle,		(1.2)	NI			i
∾	5 🗐		ខ្លួម			ÉΝ	[	~				calcoreous, friable			LN	40	5	
- [	8	-	$\overline{\mathbb{M}}$			100	ļ			\ <del> </del>		14.30~15.00 m., 16.80 -	İ		$N \sqcup$		6	ļ
- 1	7	0				[,	<b>\</b>	-				15.50 - 16.25 m. Core				45	Ē.	
	7 =	-				NMLC	}	-	<b>- 1011</b>			loss 0.75 m. 16.60-18.40 m. Sheor	<b> </b>	<del></del>	+1	+	7	:
- 1	nfin					ξŽ	[			1111	444	zona	<b>.</b>	4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N			-
	8 1	٥	[				ĺ					17.00 - 17.75 m. Core				35	E°.	
1	9 tul	/				{	1		1	,444	1771	loss 0.75 m.   18.45 = 19.60 m. Care loss	} .		$N_{\star}$		9	l à
	, mili			1112111		1	1				111	1.15 m.	•		10	4	Ē.,	68.98
	20 🗐						}	1.					1		13		20	
8	. Manual	0					İ	1				Quartzita 19.90-24.70m.	1	1	20		E .	
13/3/88	1 4					11	1					Hard, brittle, core	1			35	Ē.	
2	2			200320								broken				35	2	
$\dashv$	n In						]	-				21.15-21.35m. lrragular	]		Rt-	40	Ē	
28	3 7	_	$\geq$			1 1	l		-1111		441	fracture (80°)	l		Z	30	[3.	[ ]
14/3/88	4 1						l					21.50~22.00 m. Core			Z	25	[ <sub>4</sub>	-
4	4 uhan						ļ	1				loss 0.50 m.			15		Ę	1
	5 -		•				ĺ					22.60-23.45 m. Core loss	<u> </u>		20		- 6	7
3	5 6 7 7		Quartzite				1					0.85 m.			120	1	Ē.	
20/2/88	6 :	٥	art					Gray				24.50-34.70 m. Some				00	E 6	4
8	7		ő					၂ ဖ				colcite vein/veinlet	· · · · /		N.		7	Į,
			ĺ .					1				27.60 - 27.75 m	(	3.7)	M,	30	<b>F</b> :	7
83	8 7						1	1				27.60-27.75m. irregular fracture	\	$\smile$	1	Ħ	8	
21/5/88	_ =						l	-			4		1 4 5		世	00	ŧ.	1
21.2	9 7		$\geq$			} }			-1111	1111	Ш	28.70-29,40 m. Core loss 0.70 m.	;		X	50	E o	
	30 🗓	٥	L			LY	<u></u>		للحر		Ų			والمرائح والمتروق	四	止	<u>= 30</u>	56.9
	Eora 1	loss -			מ	(fresh) -	YAM 5 I decon	ithering — sposed)			- t_	Average length of Core 1 (more to 3 (20 cm ;		(50 cm, 20 cm) . s then 5 cm   5 (s	ramed)		. 43 <del>7</del> 7	
									Herde	ness I (he	rd1- 5							

Angle	from i	NI,S Horiz	ontal	0.117 E	372, 25 10*	8,933	Core	Recover	У	79.63%		Depth of Hole	4.00m Complete	24.	5/88	
oste Season	tropo M	T C C	Gaology	Symbol of seology	% Core recovery	Kind of Bit of Core (mm.)	····	Colour of rock	Weathering	dness ge length	of core	Description	WATER PRESSURE TEST LUGEON VALUE O	50 Pressure Kg	Depth	Elevation
	30 1	0	Quart-		4	1		Gray				30,00-31,40m. Some pyrite filled 31,45-32,00m. Core		20	30 1	
22/5/88	3	0	Quart-			d core bit		Gray				1055 0.55 m. 33.60 - 34.00 m. Core 1055 0.40 m.	(10.5)	39 2 53 200	2 3 4	
23/5/88	5 5 6		Colc - Schist			Diamon 32 mp					H	34,45-34,70m. Core loss 0.25m. Calc-schist 34.70- 40,00m. brittle, core broken		95 50	րրեստիումույի 6	:
98/9	7					NMIC						36.35-37.00 m. Core loss 0.65 m. 37.00-39.50 m. Calcschist interbedded with		35 35	արարարություն 1	
24/5/88	9		Calc schist					Gray				quartzite 37.15 - 37.80 m. Core loss 0.65 m. Bottom of hale 40.00 m.	(3.2)	30 40	9 9 ականուպիոպես	48 988
	1 2 3						:								յումակամայի 2	
	3 4														3 4 արդարագրություն	
	5 8 7							. :							5 6 7 للهبئيمينييسلسيس	
	7 8 8 C						-								արութուրու 6 8 .	
	0														ուրուցնումնորը - Հ	
	2 min	A THE STREET													արդարդությունը 1	
	4 5	A CONTRACTOR OF THE CONTRACTOR													կուլիայիցերի Մահույի	
	6 7 m														6 7	
	9 days	and the second of the													8 9 0 10 0	

	inates . Irom H			820 E372, 60		.792	Eleva	tion Recover	γ	84%		Depth of Hole  Depth of Overburden	9,00m Complete	d <u>6/</u>	5/8 <b>8</b> 5/88	
ring	of An	gle Ho	le	40	•			рапу		EGA	<u>T</u>	Total length of core	50.45m Logged b	γ Η.1	Pattano Takedo	
	Depth	O .	/googs		Core recovery	Kind of Br. of Core (mm.)	Casing Cementation	Colour of rock	Westnoring	Hardness	Average length	Description	WATER PRESSURE TEST LUGEON VALUE O	O Drill 50 Pressure Kq 100 Time mi	S Depth	Elevation
	M (mignijim	%	1		0%	isten olde bit		brown				Overburden 0.00-9.00m. 0.00-3.00m. fine sond			1	
88/6/2	որորանուրուրուրո		verburoen			Tungster		Light bro				3.00-4.80 m. Medium sand 4.80-9.00 m. Gravel -			<del>արական</del> 3	
2	ողուդուդու <b>դ</b>	•	Š					7				cobble of quartrite				
-   8	9 junjunjunju											5.00-5.50 m. Core loss 0.50 m. 6.60-7.20 m. Core loss 0.60 m.			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
8	7 1930 1930 1930 1930 1930 1930 1930 1930						Casing			4	ija	7.80 - 8.30 m. Core loss 0.50 m. 8.50 - 9.00 m. Core loss 0.50 m.			րևական 8	
	9 mmmmmmmm	0										Quartz - schist 9.00 - 25.75 m. Hard, dense, brittle, some calcite			9 10 10	55.8
	րոպուդուր 2	0	rz -schist			pit.		yang				vein-veintets, core broken 9.95-10.00m. Core loss 0.05 m.	38		րուրակարույլ 2	
	3 1	<u>_</u> _	ZIJDRY WIZIWA			9 00 00		Dark				13.40-14.65m. Quartzite hard, dense 14.70-14.90m. Joint,			3 Junghundanada	
	utuguntunin	°	3			Diamond # 52 mm						vertical, irregular, iron oxide filled 15.60~16.60m. Core loss 1.30m.	(25)		գրություրություն 19	
	6 դուգերկան		> > >			NMFC						16.60-16.70 m. Some quartz vein 16.70-17.60 m. Core toss 0.65 m.			յում Մահարդում Մահարդում	
	8	50	-scalsr					gray				17.60-19.50m. Pagmotite vein.			8 9	
	. 📑	0 13	211000					Dark				21,50-22.00m. Core toss			20	45.8
	2 3 10 10 10 10 10 10 10 10 10 10 10 10 10	0										0.50 m. 23.20 -25.80 m. Core loss			2 3	
	, « ը համահահարան	7							<b> </b>			2.60 m;			արությունումուն Մարդակումում	
4	9 10 10 10 10 10 10 10 10 10 10 10 10 10	1			7						7	Calc-schist 25.75 -	-		1 6 7	
	7 8 դոպոսերկու	-η	Cole - santst					Dark gray				33,00m Brittle, friable calcareous slightly calcareous, schistosity dip 50°	(0.1)		կոսկական 8	

				A LUAN									Boring No.					
													Depth of Hole					
gle f	rom i	iorize nole	ontal Note		40*		(	one i	anv aecovei	· · · · · ·	GA	 Т	Total length of core	50.	45m Looged	bv	H. Pattor	10 .
aturā		IIQ10	(1010				<b>\</b>	, O		erete e e e e e e e		·	Total longin or coro		TIME TO BAVA		K. Toked	
Т				ķ	≥		T	T		اي		£	**	T		Ţ ;	Ē	T
	£	٥	Š	3000	Core recovery	Kind of Br.	۶	Cementation	Colour of rock	Weathering	\$594	Average length of .core	<u> </u>	• (	WATER PRESSURE TEST		.   E	<u> </u>
	Dept.	0	Gaology	ै ठ		Kind of 1	Casting	ž.	5	Veat	Hardness	o to	Description	.	WATER TABLE -M	Ö	ğ d	Elevation
				Symbol	- 100% -			8	. 3		L	4		.	WATER TABLE		8 M	- I
+	M. 30 ≘	%			-100%	ŀŤ	+-	-+	, <del>,</del>	1		•				<del>\</del>	30	
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90/2/17	11.11							. }	gray					]	(0,1)	H		1
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89/6/97	.4	-						-	-			777	interbedded with	}	33.0 - 40.65m	K	-┼-┋ '	١
è	5	0		ASS.	Ш			}		4477		14111	Quartzite 33.00-48.85	5m.		4	╼╁╼┋╶	,
$\dashv$	Infin	7		-313			1	F					34.20-34.80m. Core 1	0 5 5	(0.3)			
1	8	0			LEGIC		1	. }				1111	0.60m	•		$\mathbb{H}$		3 ]
-	7		$\geq$					L		HTT.	$\mathbb{H}$	++++	35.30-35.50m. Core lo	55		1	┝┿┺╶	,
1	i input	٥	(4)					+					0.20 m	- (		<del>                                      </del>	╌┼╌┋╴	
	8 1												36.20-37.15 m. Core to 0.95 m.	355		1	╌┼┋╏	<b>3</b>
	9 =														37.0 - 43.0 m	M		•
	uthu	٥	N 4				1	.					37.60-38.00 m. Core II 0.40 m.	035	(1.8)	1	E.	25.8
	40												35.50 - 46.20 m.	j			40	, L
٦	1 4		quartzite					1					interbedded with	• 1		K		1
1			t			ā		1					quartzite, core broke			K		2
١	2	Š	9			core								<u> </u>	\$ 	11		١,
00/0/	3 =													}		+	╊ <del>┤</del> ╊╶	3
-	, and		schist			Diamond		-					41.00-42.80m, Fractu	re j		Z		
1	4	٥	•			50		•					along schistosity, dip 50°	ļ	1 1 1 1 1	N		`
$\dashv$	5	$\vdash$	Quartz					.						Į	(2.4)		<del>         </del>	5
	6	25	20			ပ္						× 2	46.20~47.00m. Calci	te	(3.4)	1		
8	Thurs.	1.	- ya			NMIC		. [					vein - veinlets 47,00 - 48,85 m	]		M		
20/0/3	7												Interbedded with			11		7 [
1	8	63							gray				quartzite	- {		4	┝╅╼┋╷	R
-	0	~						- 1						. {		K	<b></b>	
8	9	-					1	. [	Dark				Calc-schist .48.85	- 7				9
8	50	×	. Ağ 5.										53.65m. Schistosity	y		1	5-	15.8
	7 77		is.				•	.					dip 50°	Í				
	T I		schist									A	50,00~51.00 m. Joint	· į	(2.2)	A		1
-	2											: E	along schistosity	į		1		2
8	. 1		Calc													M		
2010	դումրոպոպոպույսո	1						.					ALCOHOLOGICA CONTRACTOR	• ]		$\mathbb{N}$		3
, [	4	٥						1	7				0.12-1-14- 57 CE CO.00					4
-	undan							- 1					Quartzite 53.65-60,00 54.50-55.60 m.			K		1
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g	: ′ ∄	¥.,	Quartzite													M		7
06/0/0	8	50 g 10 g	ĕ				ļ						59.80m. Calcite vein	•		11		8
ا م	. In												dip 30°, thickness			K	<b>}</b>	
	0.11	11 1	¥\$.						ĺ				0.5 cm.	.		17		9
1.	60 B		1.77			w	1_						Bottom of hole 60.0	Om,			T*************************************	0 5.

				.832 E 3						34m MSL 83%	Dopin of those	.00 m Commen				
								pany		E GAT	_ Total length of core33	.20m Logged b	у		attano ake da	
Opte	Depth	D 0 0	Geology	Symbol of geology	Core recovery	King of Brt of Core (mm.)	Casing Cementation	Colour of rock	Weathering	Hardness Average weigh of core	Description	WATER PRESSURE YEST LUGEON VALUE  WATER TABLE	O Ordi	100 Tane man	<b>✓</b> Depth	Elevation
30/5/88	R - OZ	36	Overburden			Tungsten carbide bit	Casing	Grayish brown- pale brown			Overburden 0.00-5 00m Sandy silt and loose blocks of schist, calc schist. 0-2.00m Topsell, detritus deposits		10		graniminal milandani Service de la companion d	SPT N <sub>/11</sub>
8	արագրումուցերությունը						33				3.40 - 3.90 m. Core 1033 0.50 m. Quartzite, schist 5.60 -	Constant head test.  K=4.4 x 10 <sup>-3</sup> cm/sec.	10 20 15 15		րիաժուլիավումես	56 <sub>5</sub> ,
31/5/88	6 7 8 8	٥			1688			Light brown			21.75 m. Quartzite interbedded with schist, brittle, core broken 7.00-7.50 m. Shear zane, some clay gouge		10 10 15 10 20		նոսհականականակ	
	0 10 1 5 անուկացիութիակարար	36 57	Quartzite, schist					gray			7.50-8.00m, Core loss 0.50 m. 8.00-9.00m., 11.50 ~ 12.00 m. Quartz-schist,	Constant head test K=1.6 x 10 <sup>-3</sup> cm/sec.	<u> </u>		rudinalandandardanda	110.7
1/6/88	ավարագույացույյուր	0 10	\  Qual	$\prod$		d core bit Im	·	Light			11.25 m., 11.45 m. Joint (dip 75°), irregular, smooth, clay seamed 14.25-14.80 m. Core 1055	GW 13.40 m	15 20	<b>6</b> 0	ուկանանանունուն 1	
98/9	6 7 8 8 8	000/				NMLC Diamond Ø 52 mm					0.55 m. 16.25m. Joint (dip 70°) irregular, rough 17.30-19.00m. Core loss 1.70 m.	24)	25 25 20 20		ւնգրիավարիային 7 8	
3/6/88 2/	. 8 6 10 - 20 - 10 - 10 - 10 - 10 - 10 - 10 -	1000	$\bigvee$								20.00-21.50m. Core loss	(14)		60 30	9 20 1	ЮО.7
1	արագրույումում Մարդականական	00011						Brown Lan gray			Calc-schist 21.75 - 40.00m. Slightly calcareous, core broken, schistosity dip		20	30	դրվայիայիայիայերի 1	
4/6/88	5 6 7 5 հերուկականեր	000	schist		way in the control of						25°, briffle	(iz)		70 30 40 60	5 6 7	
8/9/9	8 9 30 30		Calc				·	Gray						80 8	8 10 10 10 10 10 10 10 10 10 10 10 10 10	90.7

Depth	8,0.0	Gaology	Symbol of geology	Core recovery	Kind of Bet of Core (mm.)	Casting Comentation	Colour of rock	Weathering	Hardness	Average length of core	Description	WATER PRESSURE TEST LUGEON VALUE  WATER TABLE	Dr.iii	100 Time min
80/9/9 3 4 5 6 7 8 9	၀ ၀ ၀	Caic_schist		- 100%	NIMLC Diamond core bit \$652mm		Gray				30.30m. Jaint (dip 70°) rough, irregular 33.15 m. Joint (dip 70°), planar. 34.85 m. Joint, vertica), irregular, sligtly rough 39.30-39.60 m. Core loss 0.30 m.		49 30 49 49 A	50 60 1 1 2 2 3 3 4 4 5 5 5 5 6 6
40 In the product of											Bottom of hole 40.00m.			40 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0

		IA LUANG 1		4.	tion <u>Dom</u> \$	She(Ri	ight Abu 90m MS	tnjent SL	Boring No. L.)  Depth of Hole		1 (ced 16/6		
		91			Recovery					16, 70 m Complete	dlo/.	/88	- 1
		-		Com	paný		E GA	r'.	Total length of core		γ		
.g											K,Te	heda	بر سسون
T			,					£			8 6		
		Symbol of geolog	of Ber	to to	700	Weathering	*	Average langs		WATER PRESSURE TEST		Ę	8
0	Geology	6	Kind of Br.	Casing	Colour of	t) cast	Hardhess	ě,	Description	li i X	6	Cepth	Elevation
α	3	ğ		υ <u>ξ</u>	Š	3	*	₹ :		WATER TABLE			
*		v3 ≈ 10	0%   100			1		5			0 8 8	M ■ O	<del>                                     </del>
		4,4							Overburden 0.00 - 16.70		110	ŧ "	
	J	ا ا ا ا ه ه ه	ةً ع						Lateritic sand with		X To	<b>走!</b>	SPT
: ]	Ì	<u>[</u> `.`.1]]]	1 8 8		]				Cataritio	Constant head test	10	1 2	1
- 1	- {	<b>6.</b> ▲ 【 【 】	Tungsren						some clay and gravel-	K=3.3×10 <sup>-3</sup> cm/sec.	10	_	Min
	ا ا	[ • . • . <u> </u>	F ö						cobbin of quartz		<del>                                      </del>	₽ 3 •	50
1	1				1			Ш			30	£ .	Ť.
					ı			Ш			712	£ "	
	. 1				Ę					Constant head test	10	5	
.	1		111 1		brown					K=1.6 x 10 <sup>-3</sup> cm/sec.	S 111	1	
Ų	Į	[]			ا م						20	₽ 8	175
	<u>د</u>	-::•:4			등						N io	Į,	T
. }	5	1.4.4	}}}	1 1	3	1111		1111			20		
ı	Overburden	<b> -</b> *^*			ellowish	Ш					NLII	8	:
	ð				>					17.00	10 1	ŧ	
- }	- }		<b> </b>			$\parallel \parallel \parallel$			10 00 10 50 - 0 - 10 -		11	9	
	- 1								12.00-12.60 m. Core loss 0.60 m.	The second second	20	10	2265
1	ļ	[-:-]			1				12.85-13.00 m. Core loss	Constant head test	10	Ē "	
- [	- [	<b>├</b>							Q.15 m.	K=3.1x10-3 cm/sec.	10	Įι	
- 1		[-:-]						Ш	13.85-14.30m. Core loss		<del>                                      </del>	ŧ	
			╫┋╽			##	11111	╁┼┼┼	0.45 m. 14.30-14.80m. Boulder	<u> </u>		<u></u>	1
_			<u> </u>			++++		Ш	of limestone		110	3	1
T			core	Cosing	Yelkwish brown	Ш		Ш	14.80 - 15.00m. Core toss		K to	1	
-	5		∏ g E	o S		##		Ш	0.20 m. 15.00~15.18 m. Boulder		110	<b>1</b> 4	
		GG I	amond 52 mm		Gray	$\prod$		Ш	of limestone		115	ŧ	
=			i giái					拼拼	15,18 - 15,85 m. Core loss 0.67 m.		10	5	1
=	$\equiv$		∭ö.al			1		₩	16.00-16.70m. Core loss	Constant head test	110	F 6	
7	>					#		$\coprod$	0.70 m.	K=4.0 × 10-4 cm/sec	750	E	
			NMLC						Limestone, sendy			17	
	ļ								Limestone 16.70-50.00m		20	l.	
	ĺ								Limestone, some sandy,		20	Į.	
	1								very fine grained.		D PO	<b>E</b> 9	
									slightly to highly		MM	1	216.
	ا ھ		1.0						calcareous some calcite		60	20	
_	Imestone			] ]			Ш		vein-veinlet, bedding	]	35	Ē,	
	S	进						L			H	1	
	ξ.	긒					<i>574</i>		dip 30*		$ \mathcal{N} $	E 2	
_[	- 1								17.55-17.90m., 18.30-		1 / 20	- T	1
- (	sandy	土		, (	Gray				18.75 m., 25.00-25.25 m.	Constant head rest	NH	E 3	
	Ñ	主		¥	ΰ				Small cavity on surface		35	4	
	ę	开							17.75m. Joint (70°),	K=2.5 x 10"4cm/sec.	100	1	1
- 1	estone	过							irregular, dip 70°		10	5	Į,
_4	Ë	田							22.00-33.00m, bedding		中	Ø 8	
İ	<u> </u>								Joint, dip 30°, some		N11	E.	1:
	ı								1	25.5 - 31.5m	1 45	E 7	
$\dashv$	Ì	土井									M.	0	1
	ļ	莊							111100	(6.1)	145	8	<b>.</b>
-1										<b>1</b>	MI	T.	
ĺ	ļ	田									IN L	E.	
									<u> </u>		1 1 1	<u> </u>	5081
						1 (fresh) - 5 (decorposed)	1 (fresh) = 5 (decomposed)	t (fresh) - 5 (decomposed)	t (fresh) - 5 (decomposed)	Calcite and timonita filled  Westering Average length of Core 1 (more)	Calcite and timonits  (6.1)  Westhering Average length of Core 1 (more than 50 cm). 2 (50 cm, 20 cm) 1 (tresh) - 5 (decomposed)  2720 cm; 5 cm; 1, 4 (see than 5 cm; 18)	Calcite and limonite 25.5-31.5m 45 6.1 45 6.	Colcite and limonite 25.5 - 31.5 m 48 7 7 80 80 8 8 80 8 8 9 9 30 30 30 30 30 1(fresh) - 5 (decomposed) 2(20 cm ; 5 cm ) 4 (fresh then 5 cm ) 8 (grenned)

						٠.						BORING			
Co-ore	dinates from	NI,9 Horiz	66,340 ontal	).371 E	372,3 01	28.328	Eleva Core	tion Recover	236.t	590m 73°	MSL	Depth of Hole  Depth of Overburden  Total length of core	50.00m Commen 16.70m Complete	d 10/7/88	
Date O	M Depth	0 0 a %	Geology	Symbol of geology	S Core recovery	Kind of Br. of Core (mm.)	Cesing Cementation	Colour of rock	Weathering	Hardness	Co Average length	Description	WATER PRESSURE TEST LUGEON VALUE O WATER TABLE — V	50 Pressure. Kg 100 Timemm	Elevation
	30 1		Courty									30.31-31.25m. No core (covity)		40 1	
30/6/88	3	22	Limestone sandy Iimeston					Gray					30.85 - 36.85 m	2 limit 2 3	
30,	4 5	0	Covity					Gray				35.55 – 34.55 m No core (cavity) 34.85-35.00m, Core broken	(8.8)	1 4 4 5 5	
	6 -		Cavity									35.00-39.28m. No core		20 20 7	:
	8 9		ပိ			d core bit								8	
	40 -			至		Diamond of 52 mm		Gray				39.28-40.00m. Interbedded with fine grained sandstone		60 40	196.590
177/88	2 3 3 m	1 .	Cavity			NMLC						(cavity)		55 = 2	
	4 5 6	0 34 0	stone								•	44.50-45.30 m., 46.00 - 47.00m. Interbedded with fine grained sandstone 45.30m. Joint (70°).		40 E E	
88 9/1/88	7 8 8 9 9	33 7	Limestone sandy lime					Gray				planar from oxide filled 47.40 m. Joint (55%), irregular calcite filled 48.35m Joint (45%),		30 1 8 8 8	
10,77,68	50 minuted	20		<b>学</b>		*						Softom of hole 50.00 m.		20 200 200 200 200 200 200 200 200 200	186.590
	2 3 4													վահահահահահահահահահահահահահահահահահահահ	
	5 8 7													անահահահահահատակա	
	9 9 0	Section of the second					,							արագաղարությունը 6 8 9	
V 11 (1 to	Core	losa -			D	l (fresh) –	Visethe 5 (decemper		Hardne	1	L		sen 50 cm), 2 (50 cm, 20 cm) 5 cm ), 4 (lose than 5 cm ) 5 (		

				Ą LUĄŅĆ						ight Bank) .302m MS		Boring No. LY/D Depth of Hole 50	R-7 00 m	Log No.	ed	of   12/1/	89 89	The state of the s
								e Recove	ry	72%		Depth of Overburden 3	.50 m	Complete	d	23/1	/89	1 4 1 1 Eree
								npany	· 	EGAT		Total length of core 56	. 05m	Logged b	γ	H. Po	ntano ke aa	
Owe	Depth	8 0 0	Graiogy	Symbol of geology	Core recovery	Kind of Bit of Core (mm.)	Caulng	Colour of rock	Weathering	Hardness Nersgs length	of cora	Description	WATER PRES LUGEON VAL WATER TAI	UE O	P.C 0	50 Prossure Kg 100 Time min	ticeo M	Elevation
	M 9	%	<del>_</del>	51	-100.0	- :=	1	<u> </u>	tmi			Dverburden 0.00-2.50m		Andrewski der seit Granden im			0	
	5 1 1		Overburden			Tungsten carbide bit		Reddish brown				0.00-2.00m. Clayey silt-clayey sand, stiff 2.00-2.50m. Fine sand with some clay.					1 2	
271789	3 1							ish brown			,	Calc-schist 2.50-50.00m				$oxed{\mathbb{H}}$	з.	1.5
2							Da					brittle, schistosity	K=5.3 ± 10	5 <sub>cm/sec</sub>	$\mathbb{N}^{\perp}$	$\vdash$	4	
	4 2 gimilanlanlan				11515		Casing					dip 30°-40°, some calcite vein/veinlets	Constant h				ումումում Լումումում	
							l .					along schistosity, core			<del>[</del> 4-		6	3
	7 ողուդույո						<u> </u>					broken					7 101 18	Approximate to the transfer of
1	8 1														M		india:	
}	9 mi										٩	9.40-9.80m, Core loss			$\mathbb{N}$	╁┼┼	9	1
5/1/89	10				qa										1	+	10	100.30
آي					Ed		i i	ĺ			Ì	0.40 - 10.80m, Core loss	K=1.6×10	4 cm/sec	+	╁╁┤		Ė
=	րութագուղուդ												Constant t	and fest	$\forall$	╂╁┤		1 1
1	2	ĺ	<b>*</b> 5		VIII	bit									N		2	
}			- schist		70	9		1	tin-		₹,	12,70 - 13.00m, Core 1055	(2.	<b>)</b>	V		3	
İ	1		1		(60)	ဗ ဥ			-	:341		13.70-13.90 m. Core loss	(*)	ク	H	╂╍╁╼	4	1
- 1	4 7		0 0		NGC.	ond 52 m	,						Pmax ≠ 3	kg/cm²	灶	力力	india.	
	5					Diamon ø52						15.35-15.75m. Core loss			N		5	
}	8 -					1			<u> </u>		#	15.75 -16.20 m. Core loss			M	++-	6	:
۵					57	NMIC		-	,			17,55-17,65m, Irregular			$[\lambda]$	<del>     </del>	7	
14/1/89	7 🖥				[56]	Ž		Gray		8	П.	Joint, dip 70°, rough,	(4	.3)	H	+		
$\bar{\epsilon}$	8 - 3							۳			u.	coicite filled 19.20-18.40m. Core loss			1	$\square$	8	
}	9 il				30	}		1			11	19.20-19.50m. Core loss			1		9	
ļ	" <del>गा</del> न				्.ा (दे	[			TÍ T		Ŧ	73.20 19.50111, 0010 1010	1 7		N			90.30
{	20 🖥				100						Ш,	20.50-20.90m. Core loss	Pmax = 4	kg/cm <sup>2</sup>	ZT)		20	1
	1 =	Ì			30	{					H	21.30 -21.70 m. Core loss			$\mathbb{H}$	++-	1	
စ္အ	1 призадиния 1 призадиния				68	}			111		H	51.30 -51.10 iii. 6018 1033	G	W 22.60 m	7		2	١.
15/1/89	1	- 1			100										H	╂╅╼		
è	3 न				12.11			Į	100		1	23. <b>20-23.5</b> 0m. Core loss	(2	5)23/1/80	$\mathcal{H}$	╉╌╂╌	3	
	4 4				₹0 <i>6</i> 2								`		H	++	4	ii.
	- 1	}			100						er Cibi an	25.30-25.45m. Calcite	Pmax ≈ 5	ka/cm2	Ц		5	
	2 dans	· }				į			a second			vein, thickness 15 cm.			X			: .
	6				34				Ш	<b>*</b>	4	25.50-26.30m. Core loss			17	11	E 8	
ا م	7						<b>'</b>						ļ		H		7	
671/9		ю										27.55-27.70m. Irregular			$\mathbb{N}^{\parallel}$			1000
191	8 4				[33]						1 1 1	joint (dip 80°), rough, colcite, clay filled.	(2.	<b>e</b> )	7		8	
	9	ię					ĺ				THE THE		Pmox = s	kg/cm²	1	11	9	
_ ]	30	0			s'			<u> </u>							$\square$	علل	30	80.30
	Core l	l011 -			<b>I</b>	Herat 1	West 5 (decomy	naring		1		Average length of Core 1 (more th	an 50 cm ). 2 () 5 cm ), 4 (lass )				15.00	

				MA LU/ 60.885				ition				Boring No					
				ment of the state	4.7							Depth of Overburden				23/1/8	
								pany				Total length of care			y!		<u>a</u>
	۽ [	400	Geology	Symbol of geology	Core recovery	Kind of Brt of Core (mm.)	Casing	Colour of rock	Weathering	Hardness	of core	Description	u	ATER PRESSURE TEST IGEON VALUE  ATER TABLE	O Drill 50 Pressure Kg	700 Timemin	1 12
3(	* Outminum	*			100 100 173	6						30.80-31.00 m. Core		(2,3)		3	
	5 ակամական				000							31.60-32.00m. Core los		nax = 6 kg/cm <sup>2</sup>			3
1771/89	արարույնուր Արականի											34,30-35,20m, Core loss	i	(1.0)		ակումիունուն	3
	6 արտահակ				54	lia.						36.00-36.20m. Core loss 36.70-37.20m. Core loss 37.20-37.70m. Core loss	s Pr	nax = 7 kg/om <sup>2</sup>			7
- E	4				055	ond core		зу				39,50-40,00m Core loss	-				3
40	ուսարումում Մահակական	0	Calc-schist		53	Diam		Gray				40.60-41.40m.Core loss					1 70.3
2	որորդությ		ပိ			NWITC								1			3
. 2 :	2 ակամական																4 5
58/	արողություր				60									(2.4)			7
237	որորակա												P	max = 9 kg/cm²			9
5(	o լարուսար											Bottom of hote 40.00	<i>m</i>			աևունյանա	0 603
	արակակար Մահարական						, <i>f</i>										3
	արարարումում															danihadaniha	5
	6 7 1															արակարկարի	7
	· 3															փորհահահ	9

Co-ord	inatas Irom I	NI, 9	66, O	90	2,302.66	Elevat	tion? Recove	2,508 m MSL ry 88.6 %	Depth of Overburden	0,00 m Commen 4,30 m Complete	9 18/8/88 69/1/68	2
Bearing	of A	ngle l	Hole _			Comp	any	EGAT	Total length of core 4	4.30m Logged b	H.Pattana K.Takeda	
Date	M Depth	Q Q &	Geofcogy	Symbol of geology	Co.	Cementation	Colour of rack	Westhering Hardress Average length of core	Description	WATER PRESSURE TEST LUGGON VALUE  WATER TABLE	0. Drift	Elevation
29/1/89	0 1 2		Overburden		Tungsten corbide bit	5u!	Brown		Overburden 0.00-4.30m sandy clay, sandy sitt with some grovel of quartz-schiet, quartzite 4.00-4.20m. Core loss	-/\/		
30/1/89	3 4 5 6 7 8 9					Cas)			Calc-schist interbedded with quartz-schist 4.30-50.00 m. Core broken, hard, dense, some calcite velivientets. 5.20-5.60 m. Core loss 6.00-7.10 m. Core loss	Constant head test	17   1   2	
31/1/89	10 1 2 3 քրակափակակակակա		i with quartz-schist	E:					10.30 -11.00m Core loss	(4.1) Pmax = 3 kg/cm <sup>2</sup>	2	62.508
1/2/89	արուդապատկապատկությունթությունթություն	0	Calc-schist interbedded		NMLC Diamond core bit		le gray-gray		14.00-14.55m. Core highly broken, foose, calcareous 19.55-19.65m. Joint (65*) polished, trregular. clay seamed 20.30-20.50m. Joint (90*) polished, irregular,	0) Pmax = 3 kg/cm <sup>2</sup>	6 min 6 min 6 min 8 min 1 min	52.506
6/2/89	որովուկութութութուրո	0			NI NI		o o o		clay seamed 21.00-22.15m. Calcite vein. 24.40-24.90m. Calcite vein. 26.45-31.00m. Calcite	8.9 Pmax = 5 kg/cm <sup>2</sup>	a distribution of the second o	
7/2/89	4 5 6 7 8 9 30 30								vein  27.85-28.00 m. Joint(80°)  slightly rough,  slightly curve	9,4) Pmax = 6 kg/cm2	8 9 30	42.501

	linates	NIS	<b>6</b> 6,05		372,30	2.661	Eleva	tion	72.50	8m MS	BL.	Depth of Overburden	0.00m Commenced	2 of 1 29/1/89 19/2/89	
												Total length of core 4		H, Patta K. Takød	na
Date	though C	% . R O. D	Geology	Symbol of geology	Jove 100%	Kind of Bit of Core (mm.)	Cesing	Colour of rack	Weathering	Hardness	ch Average length of core	Description	WATER PRESSURE TEST LUGEOM VALUE  WATER TABLE —	50 Pressure Kg 300 Time min \$7 Depth	Elevetion
942.89 B/2.80	30				1155							31.00-42.00m. Quartz vein. 32.00-32.30m. Core toss	9.4 Pmax = 6 kg/cm <sup>2</sup>	30	
10/2/89	3		1151											3	
11/2/89	5 miles	1	h quartz-schi										(10.1) Pmax = 4 kg/cm <sup>2</sup>	1 1 5 miles 6 7	
/89	8 9 40	0	interbedded with		<b>47</b>	and core bit		-gray				30.00~3970m. Core loss 40.00~40.l0m. Core loss		9	32.508
15/2/89	1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		alc-schist infe			NMLC Digmond o		Pole gray					0) Pmax = 7 kg/cm <sup>2</sup>	1 1 2 2 3	
17/2/89	4 militari		Cal		\$0 \$0							45.50 - 45.70m. Core loss		4	
18/2/89	8 7				45 110.0							45,70 - 45,80m. Core loss 45,80 - 45,90m. Core loss 46,50 - 46,80m. Core loss 47,00 - 47,20 m. Core loss 47,50 - 48,10m. Core loss 48,60 - 48,70m. Core loss	3.0) Pmax = 9 kg/cm <sup>2</sup>	7	
19/2/89	9 50	40			noé	V		:				4700-5000m. Guartz yein Bottom of hole 50.00m.		50	22.508
	2	A Company of the Comp	100											ականականականը 3	
	4 5 6 m													անումասնականակ	
	7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9													7 8 9	
ليا	Cor•	losa			<u>п</u> ,	(fresh) –	Weethe 5 i decompo		ЩП		TITT	Average length of Core 1 (more a 3120 cm	than 50 cm ), 2 (50 cm, 20 cm ), .5 cm ), 4 (less than 5 cm ) 5 (grains)	ned)	

:		МΑ	FIAI	MA LUANG	DAM		Local	tion P	enstac	k(Right Ban)	Boring No. LY/	DR-9 Log No.	. 1 4 36	of 2	1000
a-otq tolect	natas	NIS	86,2	72.143 E 3	72,110	324	Eleva	tion	105.3	38 m M S L	Depth of Hole	Commen			
nala (	rom l	toriz	hatan	90	•		Core	Recove	ry	99.7%	Depth of Overburden 1.	10 m Complete	d 16	/3/89	-
esting	of A	ngle	Hole				Com	үлва	<u> </u>	EGAT	Total length of core 54	85m Logged b	y H. K.	Takedo	
				r <del></del>			г т		T		T T		T g	ξ[	Γ
- 1				geology	recovery	3 %	ဋ	ž Š	g g	diverse diverse		WATER PRESSURE TEST		£	8
Oate	Depth	a	Geology	6	82	Kind of Brt. Core (mm.)	Carang Cementados	Colour of rock	Weathering	Hardness Average leng	Description		7 3 3 C	Dapth	Elevetion
Ĭ	3	~	ত	Symbol	1	2 2 2 0	ីវិ	Q <sub>Q</sub>	\ <u>\$</u>	- 3		WATER TABLE	0 %	8 M	"
	M 0 ≟	3	,		100%	- <u>1</u> -		··	<del>                                      </del>	iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	Overburden 0.00- 1.10m.			Ö	
1	7.7	۱	2 3		10.0		5				Loose block of quartzite			Į,	
- (	7		V ~				Casing	brown			and quartz-schist.		A+1	- [	
	2	28.5			18		ပို			•	Schist , Quartz-schist		$\Delta \Box$	_ 2	
8	3							Grayish			1.10 - 31.90 m.		$\mathbb{N} \sqcup$	3	
5/2/89	rthr	OS.					1 1	510,			Hard, dense, schistosity			4	
~	4 5	0									1,40-1.45 m. Joint (60°) Tregular, rough, Iron				
1	5 🖁	ន្ត					} }	<del></del>		7 3	oxide coated		$  \setminus    $	5	
Į.	171	ļ				l	[				1.50-5.00 m. Interbedded with quartite		MI		
	6 79	S					[ · · · ]				4.73-4.78 m. Joint (50°) pignar, smooth		1	╼ <u>┣</u>	
1	7	0								3 3	8.30 - 8.50 m. Vertical		$\mathbb{N}$	<b>E</b> 7	
	8 1				:		[ :				Joint, rough, irregular	(1.5)	V, I	8	·
ł	nfa										9.85-10.00m. Joint (80°)		LNI		
- 1	6 H	0					,				rough, irregular, iron oxide coated	Pmax ≈ 3 kg/cm²		<b>"</b>	l
6	10										10.40-10.60 m.		INI	E 10	95.33
2	n n	-									13.30-13.50 m.		MI		
27/2/69	1	163									quartzite		N	111	
"	2 1					1							NI	2°	1
ļ	3 1												N	<u></u> 3	
- {	արութագրույալում				ibs	•		ray				1		<u> </u>	
- 1	4 in	٥				ě A		15				$\alpha$	X	4	100
	5 Pinter		3			core		S.					HY	- 5	1
- 1	7		-schist			Diamond of 52 mm		rownish			17.35-17.65 m., 18.40-	Pmax = 3 kg/cm²	<del>                                      </del>	- 6	1
-	6 right		22		-	52		9.0			19.10 m. Interbedded				
[ ۱	7	đ	quartz			Š,					with quorizite		$N \mid$	7	
8	8	-	to			MIC						88.54		8	
28/2	o Targa	0	S E			ź							$N \sqcup$	ш	1
۱۳	9	<u> </u>	Schi										MI	- 9	
-	20 1	<u>"</u>					.				and the same of the			20	85.33
	ulu	B), E										(3.4)	[X]	udan	
$\dashv$	lund.	4											X		
- [	2	23			100							—	IN	2	Į.
- 1	3 1										23.60 - 24.30m.	21,55 m 18/3/89	N	3	
)	o Lutin	26									Interbedded with	Pmax = 4 kg/cm <sup>2</sup>	IN	and a	
-	4										quartzite		111	4	-
	5 T	اہا												5	
2	Lister	٥				1	)				25.43 -25.56m. Joint (70*)		M		
69/0/	6 utus										planar, rough, fron oxide		<del></del>	- 6	
-	7	9						χ			coated	(1.3)	11	1 7	
	* untur	8	,			1	] ]	Gray					LN		
- [	8		ļ									Pmax = 5 kg/cm <sup>2</sup>	Ш	* °	
-	9 1	٥											MI	<b>E</b> 9	
				(7777FFFFFF		1		i.			t in the second second			i in⊑e si	10

									Depth of Hole 55.		
gie fron	n Hor	izontal	90*		Core Re	ecovery	/!	99.7%	Depth of Overburden!:	Om Complet	ed 18/3/89
aring of	Angl	c Hole			Compa	NY		GAT	Total length of core 54	.05m Logged	by H. Patiana K. Takeda
Perpits		opo <b>e</b>	Symbol of geology	Kind of Bit of Core (mm.)	Comentation	Colour of rock	Weathering	Hardness Or Average length	Description	WATER PRESSURE TEST LUGEON VALUE O WATER TABLE	50 Persure Kp 100 Time min
30	1										30
2 3	di di								Colc-schist interbedded with schist, Quartz-	5.7	2
4	timina)	 							schist 31.90-55.00 m. Hard, dense, schistosity	Pmax = 6 kg/cm <sup>2</sup>	4
5	27.2								dip 30°, some calcite vain/veinlats 32.30-32.50m, Joint (30°)		6
7	1-	1 '							glong schistosity, polish, planar, some		7
9	1	0.00							clay seamed	(10.1)	9
40	o o	- ပွဲ		a Dit						Pmax = 8 kg/cm²	40 65
2	o O	ed with	150	Diamond core bi		Gray					2
3	aparatan)  -	Caic - schist Interbedded		C. Diam # 52		Ģ					3
5	1000 miles	nist in		NMLC						(10.4)	thurst 5
7	1	alc-sc							48.75-48.85m Joint (80°)	Pmax = 9 kg/cm <sup>2</sup>	buduud 7
8	22								planer, rough, some		8
50	10 I										50 55
2	ministration O										2
3	uhadanla										3
- 5	45								Bottom of hale 35.00 m.		5 80
6	dundandan)										6 tuduutu 7
8	mahadan					-					8
9	mannin										0 6

							_		. •		9 <b>7 (</b> Dod'		Mark Salabara	of	2
				LUANO			Loca			River 8m MS		Boring No. LY// Depth of Hole 50.	60m Commer		
					90*	J. JUU	Eleva Cora	Recover				Depth of Overburden 9		od 22/2/8	
••								pany		EGAT		Total length of core 49		by V. Punpong	
	y										_			K.Takeda	~
				ķ	ž			*	, p		£		WATER PRESSURE TEST	¥ Ē	
8	Ė	٥	è	Symbol of prologi	Core recoveri	Kind of Br of Core ( mm	Casing	of rock	Weathoring	Hardness	eroge length	Description	LUGEON VALUE	Pressure Time	Eievarton
Oate	Capth	œ	Gaology	Š	8	Con	Car	Colour	3	ž	2 0		WATER TABLE	ا ک	1 3
	М	4		Sym	100%	δ	0	3	} <sub>1</sub>		5			o o g	
	0 :									$\mathbb{I}$	$\mathbb{I}$	(0 - 9.50m)		N	).
	1 1				WW							Overburden : Loose			1
		1 1				1						[경기 기환기 중기		I. N	2
	2 4		3					grey				sand with same		1/40	
	3		deposit									boulders of quartrite,			3
	4	°						brown				size 10 - 30 cm.	set set	/80	4
Ŀ	7 11		(River	1	1111								No. water pressure test packer could not be set		
/2/87	5	°			<i>XXX</i>			sh					not not	30	5
6	6	0	Overburden					Yellowish					could	20	8
	in this	Δ	ž		###			Ύei					So fe	RITE.	7
ı	7		Ž	1									No. wa	1	
	8		Ŭ									함마를 잘 하지?	တို့ တို့	40	8
	1	0			10000									20	9
	9	o		<b></b>							Ш			7.0	5: 928
	10	0	Quartzi te									(9,50-50.60)		30	0   01,320
	, 1	0	2							<b>1</b> 111		Quartzita , schistosa			1
	1 danda	┝╌╏	Ō									limestone and		129	
187	2	<u> </u>	ose		-									70	2
0/2/67	2 andundunia		Schistose Emestone		13.13	E						Colcareous schist			3
5	The	°	ξ.			52						Pale gray to greenish	(>50)	40	
ì	4	긁	ري		-			Ì				gray, fresh, very hard,		H	4
	5	o			11111	barrei						mossive to weakly			5
	1	2			-	۵								PIO I	
	6	0			WW	core						fominoted, highly to		1	6
	7 -	٥	e .			S S		_				extremely fractured	(2.8)	100	7
	-	0			WW	t be		grey				Schistose limestong		30	
i	8		Ì			1						Calcarsous schist			°
	9 -	لّ				Triple		وتر				(Slightly calcarsous)		790	9 ]
		0				4		greenish						30 2	0 41,928
į	20		ō.			NMLC		0.0				at 11.30 - 14.50 m. i		N + E	•
	1 🖥		sandstone		110	Ž		grey				34.60 -35.00 m.		145	1
	2	٥	S				)	ä				Some parts show	(0.8)	50	2
	1		e .		111		[	Pale				foliation dip 45°-70°			
52	3 (	°	quartzite			1		(L							3
6/2/87	4 -	٥	Q GC									Most Joints dip 30°-45°		25	4
φ	1	0			排推		<b>\</b>					planar, smooth or rough.		\\ 36   <b> </b>	<u>.</u>
	5		, 1		1111			ļ				Some joints 70°-90°		1744	5
	6	°	schisf		1111		<b>]</b>							240	6
		$\vdash$	'		1	1	Ì :					planar, smooth		A39-E	_ ]
	7-5	<u> </u>	aic								- 11	sheared zone at	(1,4)	NO E	7
	8	٥	Ö		棚板		Į	ĺ				23.05 - 23.40m.		Nao E	8
	1	0			<b>***********</b>							(with Otr vain)		1	
	9 -				111									NI	۷
	30				V33.55	<u>L</u>	لــيــا	L	Щ	EŲ.					0 31.926
	30	O O lote ~			D ,	(fresh) -	Wheth 5 (decompo				1		nan 50 cm ). 2 (50 cm, 20 cm) 5 cm ). 4 (see than 5 cm) 5	80 3	ė KO

				IA LUAN 0.000 E				tion_uem tion6				Boring No LY/C Depth of Hole 50.	60 m Commer	iced 9/	2/87	
ngle f	rom	Horizo	ontal	امال <mark>تدرا</mark> می از در در و او	90*	1,141	Core	Recover		7. 23 E G A		Depth of Overburden 9. Total length of core 49		by V. Pu	npong	
, a	958	3 (G) (S)	4											K. Ya	keda	·
Date	Dapth	. a o a	Gackogy	Symbol of geology	Core recovery	Kind of Br of Core (mm.)	Casing	Colour of rock	Weathering	Hardhess	Average langth of core	Description	WATER PRESSURE TEST LUGEON VALUE  WATER TABLE	o brill 86 Pressure Ks 100 Time min	<b>₹</b> Oapth	Elevation
	M 30	8				1									30	<del>                                     </del>
	1	0				100						28.50 - 28.70 m.		133	1	
/8/		٥	į									35.40~35,00 m.	(1.2)	35	2	
17/2	2	٥						7			÷ 5.	37.70-38.05 m.		35	1	
-	3	0	14.00				1.4					35.40 - 38.70 m.		60	3	
	4	0						100				40.20~40.30 m.			4	}
į	5	0	* 7									44.10-40.60 m.		100	E 5	
.		0				F						45.30~45.40 m.		25		
	6	9				2 m m						43.30-45.40 (iii.		HT.	6   1	[
	7 -	°	3.7			13						Quartz vein at	(0.9)	150	7	
	8 -	٥	1.00 SE			<u>ē</u>		>-				21.90-21.95 m.		40	8	
/8/			4		40.00	barre		gray				22.90-23 10 m		55	9	į
8/2	9 -	0	stone			core						31,70-3) 80 m		30		21.9
7	40	-	sand				: '	greenish						NTT	€40 i	21.3
1	1	<u>°</u>				tube		to 91				Core loss of		100	E i	
- 1	4	0	e ·			Triple					5	10.80-11.40 m.		25	2	
- [	2	٥	1121			Ē		gray			2		1.5	45	Ē	
.	3	0	quartzite			NMLC		Pale						1	3	
7	4 -	o			1000	٤	, -	u.						30	4	
.	5 d	ō	schist											100	5	
.		٥	SC				ı				Į,			1 30	- Hundari 6	
50	6-2		υ				1-						(1.2)	MII	السلام	
72	7 -		Calc				. '				(\$			INI	7	
22	8	°												l la	8	
			35,454 3												<b>1</b>	
-	9	0												1		•
	50	8					45.7							HII	50	11.3
$\neg$	1 -											2.11			111111	[
	2							}				Bottom of hole 50.60m			2	
												Elevation 11.328 m.MSL			E .	
1	3														3 1	
ļ	4						,						11		4	
- }	5		7				;								5	
															- Hamber 8	
	8		4,0				1 %									1
	7						÷								E 7	
	8 -														8	
	_						a ete.					[4] 在图			1 1	1:
	9															
	tore	ليا	4978		Щ		Vient.	<u> </u>		لللب	للزنب	America brook of Core 1 times	man 50 cm ) . 2 ( 50 cm , 20 cm )	1.1.1.1.	Eυ	

ala f	from s	dorizo	latar		90*		Core	Recover	v _	1007	4	Depth of Hole	2.65m Completed	20/2	/88
aring	of A	ngle	Hole	·			Com	pany'		EGA'	T	Total length of core	45.00m Logged by	H. Pol K. Tok	itána •da
Oate	Depth	2 O O	Gaology	Symbol of geology	Aug. 000 46	Kind of Br. of Core (mm.)	Casing	Colour of rock	Weathering	Hardness	Average langth of core	Description	WATER PRESSURE TEST LUGEON VALUE O	SC Pressure Kg	K Depth
50/7/0	ohenhadaahaah		Overburden			5	Casing ——	ish Pale brown				Overburden 0.00-2.65m 0.00-2.00m. Coarse sand loose 2.00-2.65m. Gravel of quartz, quartzite	GW. 0.00 m 10/2/89		0 1 2
	ուրոցմակությությունու 3 4 5 6						ა    -	Brownish gray				Quortzife interbedded with quortz-schist 2.65-45.00 m. Hard, dense, some quartz			3 4 8
	6 7 8											vein 2.95-3.15m.,3.40-3.60m. 4.35-4.95m. Quarti vein 6.35-6.40m. Joint (50°)	Pmax = 3 kg/cm²		8
	արագրությունում 10 1 10 1	-	\$\$		<u>lca</u>							slightly rough 8,00-11,65m, Core broken			9 52.5 10 52.5
	դողեակացուկացուկացուկայուրա 2 3 4 5 6 7	47	interbedded with quantz-schist			NMLC. Diamond core bit #52 mm		Gray	And the second s		The state of the s	12.70-12.90 m. Joint (70° slightly rough, slightly curve	39) Pmox = 3 kg/cm <sup>2</sup>		2 3 4 5 6 7
	. 8 9 20 1 8 10 10 10 10 10 10 10 10 10 10 10 10 10	H	Quartzite (						73.				19  Pmax = 3 kg/cm <sup>2</sup>		9 42.4 1 20 42.4
	արայացրությունությունությունությունությունությունությունությունությունությունությունությունությունությունությո	رج ٥										25.80-26.25m Joint (70°-80°) Irregular, rough,quartz filled	7.9		aboutouluributanluributanlurib
	ցակումումումումումում 8 7 8 գ	53 0 17 0 20								***************************************		28.80~28.85 m., 28.95~ 29.00 m. Joint (50°), planar, smooth, quartz filled	Pmax = 4 kg/cm <sup>2</sup> Pmax = 6 kg/cm <sup>2</sup>		lintrodushadasi
<u>'</u>	30 m	٥											(10.1)		9 30 32.5

	neglige aller	ngle		, (fo)caro	<del></del>	l J	Γ	Τ		T	T_	Total length of core 45	WATER PRI	SSURE TEST	K. Tok	do ·
Page C	Depth	¥8 18 Ω I	Gaology	Symbol of o	Core recovery	A Kind of Bri	Cesing	Colour of rock	Weathering	Hardness	Average length	Description	LUGEON V	ABLE	50 Pressure 100 Time	#G M 30
15/2/89	20 J & 3 4	0 26 0	-schist									32.00-32.30m. Quartz vein 32.70-32.77m. John (65°) slightly rough, planar	Pmgx = 6	).  ) kg/cm²		3
16/2/89	8 & S G	20 24 0	interbedded with quartz			Diamond core bit ø52 mm		Gray				35.30-35.40m, Joint (70°) smooth, planar	Pmox = 7	4.0)		5 6 7 8
17/2/89	որութութութութութութութութութութո	£Ο	Quartz) te (nter			NMLC. Die						40.25-40.50m Joint (70°) rough, slightly curve quartz: filled 42.00-42.50m. quartz				9 40 2
20/2/89 18/2/89	majorajumpumpumpumpumpumpumpumpumpumpumpumpumpu	ठ										vein 43.60-43.70m.Joint (60°) irregular, rough, quartz filled, some cavity on surface	Pmox = 5	4.6) kg/cm²		3 4 45
50	6 7 8 9											Bottom of hole 45.00 m				6 7 8 9
**************************************	. 5 – 5															9 0 0 1 1 2 3 4 5 5
	արակապարակավ Ծ 4 5 6															3 4 5 6
	7 8 0 0															6 7 8 9 0
	Cors	loss –		L <b>⊘</b> ≤	, כנ	(fresh) -		ethering ——	Hard	nese 1 ( f	urd) – 5			(50 cm, 20 cm). arthen 5 cm) 51 (	primited )	

Project MAE LANA LU		tion Left Abulment	Boring No LY/DL-1	* * * * * * * <del>*</del>
Co-ordinates NI,965,980,67			Depth of Hole 110.00 m Depth of Overburden 3.00 m	Commenced 13 / 1 / 67 Completed 1 / 2 / 67
Angle from Horizontal  Bearing of Angle Hole			Total length of core 88.60m	Logged by V. Punpong K. Takeda
Depth R Q D Gaology (mbb) of gaology	Core r Kind of Core Cemen	Westhering Washbring Hardness Average length of core.	Description	PRESSURE TEST VALUE  TABLE — V — G = G = G = G = G = G = G = G = G = G
Sandstone , Quartzite Sandstone 3 Sandstone , Quartzite Sandstone , Sandstone	Nithill (iii ) Titil (iii) S Constitution (iii) S C	Light brown to brownish gray Yellowish prown Brownish red. Colour was		M   O

oject -ord					970 Elevation		Abutment 88 m MSL		Y/DL-1 Log No.		
					Core Recove		90.50%	_ Depth of Overburden	3.00m Complete	1/2/8	37
ario.	n of A	nole	Hola		Company		EGAT	Total length of core			ons
411118	8 01 74		:							K.Takes	10
au G	Oepth	8.0.0	Gackogy	Symbol of geology Solid Core recovery Kind of Bit	Caratra Communication Communication Colour of rock	Wasthering	Hardness Average langth of core	Description	WATER PRESSURE TEST LUGEON VALUE  WATER TABLE	Pressure Kg	Elevation
_	M 30 ≡	%		\$ -100% - ¥		mi		<u> </u>		o 2 8 v	
	1 mulum	0	rock					Most joints are bedding.			1
	2		phylitic		gray			Joint (10°) planar, smooth. Some joints 90°		100	2
	3		S phy				<b>X</b>	Irregular, rough			3
	4.	0			Brownish			Phyllitic rock brownish			4
	e e		Sandstone					grdy soff, briffle,		30	5
١	_	, ,	Ø.					highly weathered.			6
	7 8 8	O						Bedding dips 40° (vary) Core loss of		40	7
	8							20.70-23.00m	-√- 36.30 m		8
	9 minula	٥						23.80-26.00 m	19	45	9 125,4
	40 ratharia	ò	N.		Part 1			26, 50 - 28.30 m		55	
	- mulu	90						29.50- 31.20m			1
	2 որույրու		one)		225			(36.30-95.00m.)		130	2
	3 11111111	62	il mestone					Calcareous schist (Schistose Limestone)	-V- 36.30m	100	3
	Ampin	92.6	-		barre			interbedded with Quartzite (or Sandstone )	(0.1)	25	5
	e a	66	Schistose		core			slightly weathered to			6
	- Andrea		(Sc)		ed pt			fresh, pale gray very	No. unter leaked	1331	7
	8 Justini	٥	chist				m :	hord.		25	8
	o o	57	*		Tripi				(0)		9
	50 J		Calc		NMLC Tri			Calcareous sahist		45 5	0 116.4
	, and and	7.4			2			Sandstone ; Highly calcareous at	-1-36.30 m		1
	2	,						36.00 - 66.60m.	(0.9)	45	2
	 ակումու	<b>8</b>	1 1					non calcoreous of		ահանա	3
	4		au c		Gray			66.00-110.00m	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	35	4
	o muliu	30	Sandstone		5					40	5
	8	90	Sa						√- 35.30 m		6
	1 danlin								(2.2)	55	7
	8	100 M	tore								8
	e terturite	69	Schistose Imestore								9
┙	60	ليا		MAN WAR						1	<u>80  106</u>

Co-ore Angle	dinates from l	N 1,965 Porizont	,980.67 al		50.970	Eleva Core	tion tion Recove	166.4 rγ	80m M 80, 50°	SL.	Boring No. LY Depth of Hole 11 Depth of Overburden Total length of core	0.00 in Comi 3,00 m Comi	No. 3 o nenced 13/1 oleted 1/2 ed by V. Pu K:To	/ 87 ! / 87	
Oete	Depth	0 0	3   7	Core recovery	Kind of Br of Core (mm.)	Casting Cementation	Colour of rock	Westhering	ll	Average langth of core	Description	WATER PRESSURE TES LUGEON VALUE ( WAYER TABLE	Pressure C	M. Clepth	Elevadon
28/1/67	1 2 3 4 5 6 7 8 9 70 1 2 3 4 5 6 7 8 9 80 1 2 3 4 5 6 7 8 0 80 1 2 3 4 5 6 7 8 0 80 1 2 3 4 5 6 7 8 0 80 1 2 3 4 5 6 7 8 0 80 1 2 3 4 5 6 7 8 0 80 1 2 3 4 5 6 7 8 0 80 1 2 3 4 5 6 7 8 0 80 1 2 3 4 5 6 7 8 9 8 8 9 8 8 9 8 8 9 8 8 9 8 8 9 8 8 9 8	62 42 45 100 58 54 95 83 76 68 82 70 AP	Calc schist (Schistone limestone) and sandstone		NMLC Tripple rube core barrel & 52 mm	Cana	Grey		ll	5	Badding dips 30°-60°  Most joints are bedding joints dip 30°-60°  smooth or rough.  Some joints 0-10°  Irregular, rough.  Few joints dip 90°  Irregular, rough.  Core loss of 88.60-89.20m.  Highly froctured at 39.00-39.20 m.  43.60-43.80 m.  51.80-52.00 m.  56.50-57.10 m.  58.25-59.40 m.  62.60-63.00 m.  64.20-64.40 m.  77.00-77.80 m.  83.00-83.60 m.  87.60-88.70 m.  94.30-94.40 m.  Sheared zone at.  46.60-46.90 m.  47.00-47.40 m.  59.10-58.15 m.  75.60-75.70 m.  86.60-86.80 m.  88.60-89.40 m.	-√-36.30 2.3 -√-38.90 0.2 -√-36.90 0.2 -√-40.23 0.4	S S S S S S S S S S S S S S S S S S S	M 60 1 2 3 4 5 6 7 8 9	<b>3</b> 6.488
29/1/87	6 again angarangan gang gangan gangan gang gang gang gang gangan gang	4									90, 40 - 90.50 m. 92.70 - 92.80 m.	40.23	m oc	6 7 8 9 0	76,48

	nates	NIS	65,980		372,06	0.970	Eleva	ion	66.40	Ora M	<u>ş</u> L	Baring No. LY Depth of Hole 110	.00m Comme	nced13/	1/87	
												Dapth of Overburden				
		in Sin	,			· · · · · · · · · · · · · · · · · · ·				~ _, u		7000 1019		K. 1	akeda	
Suac C	₩ Depth	O 0 8 %	Geology	Symbol of geology	Core recovery	Kind of Bit of Core (mm.)	Casing Cementation	Colour of rack	Weathering	Hardness	Average length	Description	WATER PRESSURE TEST LUGEON VALUE O	O Orall 50 Pressure Kg		Elevation
	90									Щ		(36,30~95.00m·)		MII	90	
29/1/87	1 2 3 4 4 4	96	schist, schistose limestone			52 mm.						as above.	(2.0)	100	ուրոցիություրությունը ու ու ու ու ու ու ու ու ու ու ու ու ու	
一	5 -	0	. S			g' 10						(95.00-110.00 m.)		15	5	
30/1/87	6 7 8 a	0	Calc schis			tube core barrel		milky white				Schistose Limestone and Quartzite (or Sandstone) Pale gray to milky white, fresh, dense, hard, highly to extremely fractured. Schistose limestone; Stighlty catagreous,	2.0 43.10 m	60	6 7 8 9	
	9 (1	0	g.			1 1	1			Щ		Quartzite (or sandstone)		\\50	) H	56.48
	oo 1 2 3 3	0	hist limestone)+sandstone			NMLC Triple		Gray to				Bedding dips 20°- 40° Most joints are bedding joint 20°-30° planar, smooth polished. Some joint 80°-90° Irreguiar, rough. Few joint 60° rough. Sheared zone at	<u>-</u> √- 43.95	40 60	արտիսակականանին 2 3	
31/1/87	աղաղագրարարար 5 5	es  o o	Calc so									96.80 - 97.20 m 95.50 - 99.20 m 101.70 - 101.80 m 103.10 - 103.30 m 103.50 - 104.00 m 104.60 - 105.10 m	\ 45,00 m	30	ահամագիպանան 6	
	7		9110									Care lase at. 99,70 - 100,40 m.	(3)	35	7	}
	8-8	0	ndstone										(2.2)	25	8	
1/2/	. 9	0	Sar											25	արամադարար Ծ	65.4
ٔ [	110		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				: .					Bottom of Hole 110.00m.				
	Tempurpurpurpurpurpurpur	The second second second second second second second second second second second second second second second se										Elevation 56,488m. MSL			լ 2 3 4 արդամամասիսներ	-
	5 6 6														մասկանու •	
	7 8 9	a san Samena a san a													6 7 8 9	
1	3									Ш	Ш				0	

toeion <sup>e</sup> hoord	I MAE	. AM/	A LUANG D	03.494	Locat Eleva	tion Le	ft, Al 5. 751	outment 6m MSL	Boring No. LY Depth of Hole 5	/OL-2 Log No.	l of ad 26/5	/87	<u>s</u>
Angle I	from Horizon	tal	90	*** ** = :	Core	Recovery		4.60%	Depth of Overburden	3.50 m Complete	d30/5	/87	<u> </u>
Bearing	g of Angle H	ole	A	· · · · · · · · · · · · · · · · · · ·	Com	pany	-نىدا	EGAT	Total length of core	Logged t	K.Tak	e da	<u> </u>
85.0	ttgag &	Geology	Symbol of geology	of Con	Cementation	Colour of rack	Westhering	Hardness Average length of core	Description	WATER PRESSURE TEST LUGEON VALUE O	50 Pressure Kg 100 Turre man	tadeo M	Elevation
26/5/87	M on 1 2 3 3 0	Overburden		Tungsten s		Yellowish brown			Overburen , Silty aand with some rock fragments and plant roots, yellowish brown.	Water (eakagé 8.5 L∕min		0 1 2 2 3	The second secon
	0 0 0 0 0 7 7 0							The state of the s	(3.50 - 22.00 m.) Sandstone interbedded with some Phyllitic rock; Highly to moderately weathered.	Water Jeokags	0 0 10 10	ndundundundundundundund	and the second of the second o
	10 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		AND THE BUSINESS OF THE STATE O			٧ħ			Sandstone : brown , slightly to non calcareous, Phyllitic Rock : brown thin bedded to laminated.  Bedding dips 40°-60°	34 L/min	5	անումումունունունունում	116.756
27/5/87	2 o o o o	c rock		barrel #52 mm		s greyish brown		the state of the s	Most joints O-10° planar some joints O°-10° rougn Few joint 30° planar, smooth. Most core are broken.	Water leakage 20 L/min	20 20 20 20 20 20 20 20 20 20 20 20 20 2	ի Չ 3 4	
	2 o o o	ed with phyilitic	ANGORANINA NA KATA	tube core		Brown to					15	անակամայիավայեսմ	
	o company	tone interbedded		NMLC Triple							10	ավումումումումումու	106.75
	1 2 3 minutani	Sandstone	Hantananah			u,	W/10-04-04-04-04-04-04-04-04-04-04-04-04-04		(22.00 -31.50 m. ) Sandstone or Quartzite	5.8	15 15 20	- 2 3	
28/5/87						ish grey to brown			interbedded with Phyllitic Rock: brownish gray to brown, slightly to moderately weathered.	M <sub>j.</sub> 19.54	15	4 5 6 -	
	7 8 0 9 11 0 0 30 0 0 30 0 0 0 0 0 0 0 0 0 0 0					Brownish			Dip of bedding 30° Most joints 30° planar	4.6	60	7 8 9 30	96,75
	Core loss —	L		1 (fresh) - 5 (	Weeths		ئىر	] : L	Average length of Core I (more the	han 50 cm ), 2150 cm, 20 cm ) . 5 cm ) . 4 (lase then 5 cm ) 5 (		= 30	1

Project	*****			LUAN 3,939 E 1		,		tion L					/DL-2 Log No.	2 of	2
Angle t	from I	Horiz	ontal	9	0*		Core	Recove	r <b>y</b>	94, 6	)%_	Depth of Overburden	3,50 m Complete	d30/5/87	
Bearing	of A	ngle	Hole				Com	pany		EGA	Τ	_ Total length of core	Logged b	V. Punpong K. Ta ke da	
Date	W Ogerth	0 O K	Gaology	Symbol of geology	Cofe recovery	Mind of Bit of Core (mm.)	Casing Cementation	Colour of rock	Weathering	Hardness	Average langth of core	Description	WATER PRESSURE TEST S LUGEON VALUE O	50 PressureKg 100 Time min	Elevation
	30	0	- 1 - 1 (1) - 1 (1)									Some joints 80°~90° planar, step few joints 0°-10° rough.		10 30	
	2	o						,e.,				(31.50 - 50.00m.) Calcuraous schist (Schistose limestone)	2.0	2	
	3 manuari 4 m	0										interbedded with quartzite(or Sandstone):		20 4	
	5	œ.	quartzite									fresh, gray, dense,	1. 27.65	5	
	6 j	6) - (	with qu			rrel						laminated Dip of bedding 40° Most joints 40° planar,		20 7	
29/6/87	8	4	er bedded v			core bd	·					smooth, Some joints O° rough. Few joints	(1.2)	25 8	
2	9 40	76.	Έ			tube c						60°-70° planar, smooth or polished		60 40	86,756
	1 Indian	97.9	Schistone limestone)			Triple							27.74	1 Landanda 2	
	3 induminal		me I'm	Ž		NMLC. T							1.0	3	
	4 minum 5	69.6	Schisto	X		Z								50 5	
	6 majarahan	33	21										Mr 27.74	25 6	
5/87	7 american		ic schi										(0.7)	30 8	
30/	9	O	ပိ					·						و سالسال	76.756
	50 Mariana			to MA								Bottom of hole 50.00m Elevation 76.756m MSL		50	
	2						2							2 2 3	
	3 diministra													3 4 	
	5													5 6	
	7		; - " b"											7	
	8													9 audumlini	1
	0	1033					Weeth	L	Щ	ЩШ	Щ	Average tempth of Core 1 (more t			<u> </u>

Project	inates	NI,96	5,006	300 E3	72,172.	175	Elevat	ion	107	.942m	MSL.	Boring No. LY/OL Depth of Hole 49	100m Commend	EG 15/3/6	<b>19.</b>	
				90			Core	Recover	` س	86 %		Depth of Overburden 3	t. 60m Logged b	Y H.Polto K.Taked	n G G	
Oate	S Depth	0 0 r %	Gaology	Symbol of geology	Core recovery	Kind of Brt of Core (mm.)	Casing	Colour of rock	Weathering	Hardness	O Average length of core	Description	WATER PRESSURE TEST LUGEON VALUE O	50 Pressure Kg 100 Tune min	м	Elevetion
86	0 - 5 3		Overburden			Turparent Carside 81:	Cosing	Yellowish Brown				OVERBURDEN 0.00-3.65m Sandy alls and toose block of quartz-schist  OVARTZ-SCHIST 3.65- 38.00m hard, dense, schistosity dip 40°	47)	10 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2 3 4 5	
12/3/88	անրությունությունությունությունությունությունությունությունությունությունությունությունությունությունությունու							n Gray				5.00 - 14.70m. Core broken 6.60-7.25m. Vertical Joint, irregular, rough. Ilmonite filled. 10.00-12.50m. Redding Joint, dip 40°		20 30 160 155 155 155 155 155 155 155 155 155 15	8 8 9 9	942
82	որովումբակումբույացում 1 2 3 4 5		Schist			Core Bit		Yellowish				14.00-20.60m. Joint (50°) planar smooth 16.45m. Opened Joint	(5.3)	40 10 10 25 10	2 3 3 4	
13/3/88	6 7 8 9 20 20 20 20 20 20 20 20 20 20 20 20 20	64 83 60	Quartz			NMLC Diamond C	:	Gray	The second secon			(70°), iron oxide filled  22.40~27.40m. Core broken	2.9	35	7 7 8 9 97.	942
	. Տ 3 գ	0 81 0						Light	7 70 70 70 70 70 70 70 70 70 70 70 70 70			24.00-25.00m. Care loss 1.00m. 25.00-29.20m Joint (80°) trregular, rough 26.00-26.60m. Care	6.0	20 20 10	1 2 3	
14/3/88	ակարակակապաղակավաղ	/ / 0 / / / /			Application of the state of the			Gray				loss 0.60m. 27.10-28.00m. Core loss 0.90m. 29.75-35.00m, Core broken	(3.1)	20 40 50	5 6 7	
	30 Tender	O				Ш	Westle 5 (decompo					Average length of Core 1 (more t	then 50 cm   . 2 (50 cm; 20 cm ) . 5 cm   . 4 (664 then 5 cm   5 th	30	30 77	.942

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o ordinates ngle from t	NI,966,0 Horizontal	MA LUANG DAM 99.862 E372,058.82 90°	2 Elevation Core Recov	99.276m MSL ary 93.3 %	Boring No. LYZO Depth of Hole Depth of Overburden Total length of core	O,00m Commence	d 17/2/88 26/2/48 H Patiena	و وق بند. اعتقالیسان
Depth	R Q D	\$ ¿	Casting Comentation Colour of rock	Wastherng Hardness Awrage length of core	Description	WATER PRESSURE TEST LUGEON VALUE  WATER TABLE  VALUE	K.10360	Elevation
1772/88  O - 0 0 3 4  O - 0 10 10 10 10 10 10 10 10 10 10 10 10 1		Corbide	But Reddish Brown		overburden 0.00- 6.70m. residual soit, clayey silt and fragments of quartz-schist, schist highly completely		20 N 10 3	PT Vitt
5 6 6 minutanina	e p	* * * * * * * * * * * * * * * * * * *	Casing Yallow   Yallow   Brown   Herown		wenshered, loose blocks of quartz-schist, schiet at 4.65-5.45m; 5.80-	K=3.81x10 cm/sec	10	
2 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9			Yellowish Brown	_   	6.00m, 7.00-7.30m QUARTZ-SCHIST, SCHIST 8.70-60,00m.		10	60 59. 270
10 mmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm			Pate		Ouariz-schiet interbadder with schiet, brittle, atlatosity dip 40°, alightly-non calcareous,	Constant Head Test K=4.88xi0 <sup>-4</sup> cm/sec	30 1 1	
3 4 5 6	Ovortz-Schist, Schist	Domond Core Bit	Brown		8.70 - 24.00 m. core broken; 14.45 - 14.55 m. Joint (dip 65°) slightly rough, tregular, tron oxide stained	28	40 44 4 15 5 50 50 50 6 50 6	
20 / 2 / 88 9 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2		NMIC	Groy, E		21.10-22.25m. Core toes 1.15m. 22.70-23.70m.Core loss 1.00m. 24.75-32.00m. some		30 10 10 10 10 10 10 10 10 10 10 10 10 10	79.27
1 2 3					calcite veinlet, slightly catcareous 24.00-24.80m. Iron oxide on surface 28.40-25.47m. Joint (dip 45°) slightly rough, irregular, iron oxide	GW 21.85 23/2/88	50 Linua 1 1 2 2 55 Linua 3	
արովուղուկությություրո 4 5 8			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		25.80-25.98m. Joint Idlp 80°) rough, Irregular, Iron oxide stained 25.00-26.80m, 28.60-29.00m. Care broken	(2.5)	60 min	managed of the fact of the second
22/2/88 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			Gray		29.45-29.65m, 29.72- 29.63m Joint (dip 70*) Irregular, rough, clay seamed,		70E 9	

Co-ordinate	Horizontal		,056.622	Elevation Core Recove	99.27 317 9:	76m M9L	Depth of Hote 6  Depth of Overburden	//DL-4 Log No 0,00M Commenced 8,70m Completed 6,00m Logged by		
Dete Depth	% A Q O	Symbol of geology	[ 5]	Cermentation Cermentation Colour of rock	Weathering	Hardness Average length of core	Description	WATER PRESSURE TEST LUGEON VALUE O	0.8	Elevation
90 1 88/2/22 3 4	induminification described by the community of the commun		11	Gray			33.25-33.60m. Joint. (dip 80°) irregular, rough 36.65-37.00m. Core toss. 0.35m. 35.65-36.00m, 37.80- 40.00m. Core broken 39.30-39.80m. Joint (dip 80°), irregular, rough, clay seamed 42.10-42.15m, 42.50- 42.60m, Joint (dip 60°) irregular, rough, some quartz filled 43.30-43.40m. Joint (dip 70°) elightly rough,	(1.8)	35 daysta 1 2 50 minutuning 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
89 8 80/2/82 9 40 11 2	o o o ze o 17		1180	Gray			smooth, clay seamed. 43.40-44.00m. Core broken. 43.60-44.00m. Core loss 0.40m. 46.15-46.25m. Joint (dip 80-1; planar, rough, quartz filled. 46.60-46.65m, Joint (dip 40-1; rough, liregular, quartz filled. 46.90-46.97m, Joint (dip 45-1; planar, smooth, clay seamed. 47.00-47.20m, 47.30-	7.8	55 milimilimi	59.276
50-50-50-50-50-50-50-50-50-50-50-50-50-5	imfunkustanturungundun makanturuturuturukustan		NMLC Diamond Core	Gray			47.45m, 52.95 - 53.00m. Joint (dip 70°), irregular, alightly rough, quartz filled and clay seamed 53.20-53.28m. Joint (dip 50°), irregular, slightly rough 53.55-57.70m. Core broken 55.55-55.70m, 56.75-57.20m, 57.75-57.90m Joint (dip 70°), irregular, rough, some quartz filled 58.30-59.40m, Core loss 1.10m.	(1.2)	udundundundundundundundundundundundundun	49.276
26/2/98 26/2/98 26/2/98 26/2/98	Colol o Colo o Color o Goodstr. Schist.					The second secon		(1,7)	50 Labert 5 50 Labert 6 40 20 7	
60			1 (fresh) - 5 (	Weathering decomposed)	Hardness	I (Navd) - 51	3120 cm	than 50 cm), 2 (50 cm, 20 cm), , 5 cm), 4 (less) than 5 cm) 5 1 gra	5 5 60	59.276

gle f	inates N.96 rom Horizon of Angle H	ntal		900		Соте	Recover	γ	100	SL.	· · · · · · · · · · · · · · · · · · ·			н		88 . [000	
a a	Depth R O D	Geology	Symbol of geology	Core recovery	Kind of Br of Core (mm.)	Cementation	Colour of rack	Weathering	Hardness	of core	Description	water pressure test Lugeon value O Water Table — V	O Dra	SO Pressure Kg	10¢ Time min	eper M	Elevation
1	M %				T		Redaish Brown				OVERBURDEN, 0.00-17.60m,			5		0	
- }	2										0.00-7.00m. realduni			5		2	SPT
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	3	1	<u> </u>		Dide						trace of quartz		$\Box$			3	
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6/2/88	, iii				sten		Brown				weathered	K=1,48x10 <sup>-3</sup> cm/sec	$ \mathcal{V} $	15	1.	- 6	
١					5		4.2				7.00-12.00m. sand ellt		M	15		6	258
j	6		]			! ;	Yellowish				and fragment of quartz		$\setminus$	10			
	7						δ				and quartzite	Falling Head Test		5		- 7	
1	8					;	Ϋ́				10.60-11.00 Quartz	K=2.12x10 <sup>-4</sup> cm/sec	-	5	4-4	- 8	-
1		<u>د</u>	, ,			Casing					frogman)			5	爿	- 9	2.7
	7	Overburden	· • .			ő					다시 그 그 책이 없는		<b>\</b> ·	10		10	191.92
8	10	1				,					11.00-17.60 sondy silt	Constant Head Test K=1.38x 10 <sup>-3</sup> cm/sec	_	10	$\square$	- 10	
9/5/88	1 1	Ó									with fragment of	K=1.38X IO *cm/sec		5	+1	- 1	
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	٥	İ			ğ						17.60-28.60m. Schist,		L	5		9	
1	" <b>a</b> o	İ			ָם בּ בַּ						brittle, high broken, schistosity dip.		Ν	15		Ē.	181.92
	20 1	_ [			Diamond 52mm						70"-80" some part are Calc-Schist at 23.75-	Constant He od Test	١		$\Box$	20	
1	, ]	Schist									24.75m, 27.20-27.90m,	K=1.08x10 cm/sec	$  \setminus  $			1	
1	2 -1	ÿ			NMLC		Gray			: 1	fresh, hard, Crenulated slightly-highly	<b></b> #	7	20	$\perp$	2	
	3 ta				11		Ō				calcareous, schistosity	19.0-25.0 <sup>m</sup>	Ν			3	
- (	3 11 0	_ [										(22)	١V	30			
80	4	SCA					Pale				JOINT 20.33~20.36m,	<u> </u>		}	+	4	
0/2/80	2 3	*					Brown				irregular, elightly rough, dip 40%, Iron			$\vdash$		5	
-	6 m	Schist				-	Brown				benints ebica		$\mathbb{N}$			- 6	
	10	₿					eg.				20.40-20.60m, 21.60- 21.65m. joint (dip75-80)	24.0 -30.0m	4	20			\$ .
	7 8 8	alc					Ę۶				amouth, planar 27.30-27.36m, joint (dip50)	(19)	Π			7	
	8	dial .					Brown Gray				irregular, rough, clay		$  \setminus  $	20		8	
	9 1 8	chie f									CALC-SCHIST		۲			9	
- }	30 8	1	шШ		1 1		Gray				28.60-40,00m	i i i i i i i i i i i i i i i i i i i	F٨	1		E.	

Lools 6	ram'	in rive	lesen		9	3 <b>°</b>	Core	Recover	rv .	100	76	Depth of Overburden	7.60m	Complete	d.	12	/2 / 81 /2 / 8	9
							Com					Total length of core		Logged b		H.P	SITONS AKED	<b>5</b>
0	Pept	A.O.D.	Gablogy	Symbol of geology	Core recovery	Kind of Brt of Core (mm.)	Casing	Colour of rack	Weathering	Hardness	Average langth	Description	WATER PRESS LUGEON VALI WATER TAB	ne O		Pressure Kg	Depth	Elevetion
11/2/88	30 system of a superior of a s	0 25 60	Calc – Schist	s.	-1003	NMLC Diamond Core Bit # 52rmm		Gray				tresh, hard, interloyering with argiticeous bond, schistosity dip 50°, highty stightly calcareous 29.88 – 29.91m, 30.14-30.17m, Joint (dip 40°) slightly rough, clay seamed 30.00-32.80m, cate broked 32.85-33.00m 34.00-34.45m Joint (dip 80°) irragular, clay seamed 35.00-36.00m. core broken 37.00-38.50m 39.50-39.90m. Joint	11/2/	3) NW, 28,77 '88		S	M 30 1 2 3 4 5 6	
12/2/88	7 8 9 40	0				NA I						(dip 90°), irregular, calcite filled and some clay seamed	(i. 5)	) N 28.77		30 40 35	հուրակավարկավարգին 9 40	161.9
	1 2 3 4											Bottom of hole 40,00m					րորություրությունությունությունում	
	5 6 7 8															de alemando de la composição de la compo	5 6 7 8	
	6 0 × × ×															and the state of t	արագումումուդուրորույուն 6 0 1 5	
	ա գ														4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	epinologia de la casa de como de desta de la como de desta de la como de la como de la como de la como de la c	3 4 5 8	
	7 8 9															**************************************	7 8 9	

	from H				90*			20	any Recover					Depth of Overburden 6 Total length of core 46			Н		t ono		
are o	Depth	н о о	Gaology	Symbol of geology	Care recovery	Kind of Bit	Casing	Cementation	Colour of rack	Weathering	Hardness	Average length	of core	Description	WATER PRESSURE 1EST LUGEON VALUE  WATER TABLE	Draff	50 Pressure Kg	100 Time mi	M Depth		Elevation
17/11/88	MO 1 2 3 4 5 6	***	Overburden		-100%	Tungsten Corbide Bit			owish Brown					Q,QQ~5.4Qm Cloyey	ic=3.42x10 cm/sec Falling head test K=2.58x10 cm/sec Constant head test		5		ունուկայանում անանանանանանանանանանանանանանանանանանան	1	A CONTRACTOR OF THE CONTRACTOR
18/11/89	6 7 8 9 10 1 2						8	9	CENTRAL PROPERTY OF CONTRA					SCHIST, SANDSTONE 8.90-	K=1.23xIO <sup>-5</sup> cm/sec Constant head fest K=1.23xIO cm/sec Constant head fest				7 8 9 10 1 2		<b>5.28</b>
19/11/68	* 3 4 5 6 7 8 9 20		interbedded with sandstone		<b>-</b> ₩	NMLC Diamond Care Bit			ay Brown Gray Gray Brown				***	at 9.00-9.25m, 15.35- 15.43m, 17.62-17.90m  9.10-9.15m,9.30-9.37m  Irregular joint, dip 40° rough, some quartz filled.  17.44-17.52m Joint, dip 70°, rough	K=5.83xIO cm/sec Constant head test  K=2.89xIO cm/sec Constant head test  K=2.30xIO cm/sec Constant head				nimbudanlardan badan kantan badan ba		26.2
21/11/88	ր 1 2 3 4 5 8 1 8 8 8 1 8 8 1 8 8 1 8 1 8 1 8 1 8		Schist						Gray Brown Gray					23.25-23.32m,24.20-24.70m, 25.00-25.10m,2700-29.30m, quarfx vsin, dip 60° some covity on surface 25.80-26.90m Joint, dip 70°, some clay seamed 29.30-29.90m Core loss	K=1.22xi0 cm/sec Constant head fest  0.3  Pmax.=5kg/cm²				որովադրդականակարարարարարարարարարարարարարարարարար		

o ordinates ngle from l	N1,965,9 Horizontal	904	Core Recovery	93.6 %	Depth of Hole 5 Depth of Overburden	8.90m Completed	17/11/88 24/11/88
earing of A	ngle Hole		Company	EGAT	Total length of core4	6.90m Logged by	H. Pottana K. Takeda
Date	G G G G	Symbol of geology Core recovery Kind of 84	Ceretinm.) Cesting Cementation Colour of rock	Weathering Hardness Average langth of core	Description	WATER PRESSURE TEST LUGEON VALUE O	50 Pressure Kg 100 Tene min \$\$ Depth Elevation
30 Springardandandandandandandandandandandandandand	%				33,35 -34.35m Core loss	3.6) Prmax=4kg/cm²	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
4	S	124) 8888	Groyish Brown		36,70-48.98 m Core high		dundandandandandan
22/11/86 6 6 8 6 9 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9	interbedded	20 Core Bit	Brown		broken, friable 37,40–38.60m Care lass		8 8 9 9 105.28
1 2 and the property of the second se	Schist	NMLC Olemond	Gray		43,10 - 4 3,50m Core loss	GW.41.85m 	2 util 2
3 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Cole Schla	[5]	Gray Brownish		43.80-44.00m Shear zane, brittle, clay seamed.  CALC-SCHIST 49.70- 45.50m Some calcine		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
7	Schist	.:23)	Gray		vein/veinlets 45.50-46.00m Core loss SCHIST 46.00-50.00m brittle. 47.00-49.00m Core broken		10 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
50 1 2 2 3					Bottom of hole 50,00m.		2 blue 3
studinskas/saskaslanda							4 5 6
7. 8 - 9 - O							7 8 9 0

io-ordir	rates !	11,96	5,976	430 E3	72,244	.292	Eleva	ation	91.	43 I mM	\$L	1 Boring No. LY/I Depth of Hole 1.5 Depth of Overburden 3	Oom Commenced	در الله الله الكالما المرابعة الله الكالما	. Por	10 EV.
learing	of An	gle i	Hale		-		Com	pany		EGAT	ŗ	Total length of core 13	15 m Logged by	H.Pol		
Date	Depth P	7 O O O	Guology	Symbol of sectory	Core recovery	Kind of Br.	Cestrig	Colour of rack	Weathering	Hardness	of core	Description	WATER PRESSURE TEST LUGEON VALUE O	2 8	M Depth	Elevation
888	E 0 1 2 3		Overburden			Tungsten Car- bide Bit	1 1	S O J O J				OVERBURDEN COO-3.00m. 0.00-1.60m. Sandy clay 1.60-2.00m. Tine sand with some clay 2.00-2.35m. Sandy clay 2.35-5.00m. Tine sand			0 1 2 3	
2/11/88	Manhaphin 4	20 28				911						QUARTZ 3.00 -15.00m, hard, some part show taxture of quartrite. Iron oxide coofed on surface			4 5	
A2/88	ն 7 8 9 10 - 2 3 4 5	0	21			Diamond Core	- Casing	Brownish Gray				3.30-4.00m. Seme cavity on surface.  8.00-6.10m. Joint (70°), rough, Iron exide filled			7 8 9	81.431
12/12/88	ավապատկումբուրուրո		Quartz			DIMIN		Bro				(1.20-11.50m Core loss (1.70-11.65m, 12.00- 12.20m, (3.25-13.35m, Joint			ludarihadanlaria	01.79
2 8472V2	S 4 5										,,	(70°-90°), rough, Iron oxide filled Bottom of hole 15.00m	GW.13.75 <sup>m</sup> 		յում արդանումում	<b>76</b> 431
	ան 7 8 9 20 Մոգիականականիականի														6 7 8 9 20	
	ովուդադակագրորույ														ոլումարիակականություն	
	ովոտիակամասկանակա														ահումումումումումում	A transfer on the second section of the second
	8 9 30 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5						West					Average length of Core 1 (more th			30	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

o ord	inates	NI,9	55,975	. 032	E 372,26	0.205	Elova	tion	76.0	m&SC	MSL.	Depth of Hole	1.80m Comment			
ngie i earing	rom g of A	ngle	Hole				Com	pany	<b>У</b>	E (	AΤ	Total length of core	39,45m Logged b	у Н.Р	attono akedo	
Date	M Osoth	% . R C D	Gaology	Symbol of geology	Core recovery	Kind of Bit Of Core (mm.)	Casing Cementation	Colour of rock	Weathering	Herdness	o Average length of core	Description	WATER PRESSURE TEST LUGEON VALUE  WATER TABLE — V	50 Pressure Kg	<b>Z</b> Depth	Elevation
	1	,	Over- Burden			Tungsten Corbide	Casing	Yelowish Brown				OVERBURDEN 0.00 - 1.80m clayey sand with same toose black at quartz and quartzte.				
14/1/89	3	68	z, Ouartzite		(65) (55)			<i>,</i>				QUARTITE, QUARTZ 1.80— 6,00m. hard. dense 3.35-3.45m. Joint. dip 60°, smooth, some quartz filled 4.20-4.50m. Care loss 4.70-5.00m. Vertical			արդարականական Տ	
_	5 6	0	Quartz,		CEI		:	Yellowish Gray				Joint, smooth, quartz filled. 6,00-6,25m. Core toss	(>50)		ը 19	
15/1/89	5 6 7 8 9 9							Yelic				CALC-SCHIST 6.25-19.00m hard, dense, echistosity dip 80°, some calcite veinlets 9.00-9.20 m, 10.95-	Pmax=2kg/cm²		7 8 9	
	10 infanta	ìs			ES							11.05 m. Joint along schlarosity, smooth, clay seamed	G.W. 10.13m 22/1/89 28		անավայանում 10	66.02
69/1/21	3 4		Calc-Schist		122							dip 80°, polished, clay seamed	Pmax=3kg/cm <sup>2</sup>		ականահահահահուն	
/1/89	5 6 7 8	67 - 0				C. Diamond Core Bi ø 52mm			And the second s			15.30-15.70m. Quartz vein 18.00-19.00m. Schistosity dip 40°, some, joint, along schistosity, smooth,	(6.2)		5 6 7 8	
18	9	50	-			אורכ		Gray				clay segmed  Quantz QUARTZITE 19.00  -24.90m. hard, dense care broken	Pmax = 3kg/cm <sup>2</sup>		արարարարիսույլ 20	56.09
19/1/69	1 2 mm		rtz, Quartzite					ອ			, //				ի 2 3 Մարդարարարարարարարարարարարարարարարարարար	
68/1/12	2 3 4 5 5	0	Quartz,									QUARTZ CALC -SCHIST	Pmax = 4 kg/an?		դակահանակունունունունունունունունում Մահարդականում	
_	7 m	35 35	Quartz, Calc - Schist				me e e e e e e e e e e e e e e e e e e		***************************************			24,90-40,00m. hard, dense 27,10-29,00m. Quotitz vela			7 7	
68/1/22	9 30	38	Quartz, C.									29, 60-29, 70m. Irregulor Joint, dip 70° Quartz filled	9.7) Pmax = 5 kg/cm <sup>2</sup>		90 S	46.0

Project			MAE	LAMA	LÜ	A NO	DAN	A į	ocat	ion Co	tter D	ami	Lef	801	ķ) β	oring	No	, TO	LY/C	L7A		Log N	o. :	<u>. 1</u> 2	2	of	2	
					. 17	2.26	80 20°	a c	lavat	ion	76.0	200	MS	L	D	eoth	of Ho	de	40.0	Om		Comir	ence	3d		11/0	- سيند	. ت. ا
Angle t	rom t	lariza	ontal		90	Q*		0 7	Core	Recove:	rγ		98. EG	% A T	D T	apth otal i	of Dv ength	of cor	en 1. 6 e 39.4	5 m		Logge	d by	المحودية المقددية	H :	Patten	<b>G</b>	عيد. تأكيد
Bearing	Of A	ngia	Hole .						out.				in engine		*****							-			K.	Taked	Д Э	
				узок		Ž.	z E		8	ķ	bund	,		ξ.								RE TEST		:	2	Ē		8
Dare	Depth	0	Gaology	1010		Core recover	Kind of Brt of Core (mm	Carding	Cementation	ar of rock	Westhering	1		Average varigo			Descr	iption		WATE	TARE	· ~		2	income.	Dept.		Elevetion
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22/1/89	Hall								. {						1 :			jular ja	1.5		9.7	)		4	A			
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ingle		loriza	ontal	<u> </u>	90°		Core	Recove	ry <u>`</u> /	100		Depth of Hole	3.60m	Complete	d	31/3		· 
earin	g of Ar	ngie	Hole				Com	рапу		EG	AT	Total langth of core	0.00m	Logged b	Y	H. Po		<u></u>
Sate	Depth	k Rab	Geology	Symbol of geology	S Core recovery	Kind of Br. Ø of Core (mm.)	Casting	Colour of rock	Weathering	Hardness	Average length	Description	WATER PRESS LUGEON VALU WATER TAB	JE O	O Drift	Time	<b>₩</b>	Elevation
	M	%	* * * * * * * * * * * * * * * * * * *		100%				mi		Ů	OVERBURDEN 0.00-13.60m			Ĭ		0	-
	2 mm			*		Tungsten Corbide Bit		-				sandy silt					2	\$PT
96	3	4				Sten Bit						4.00-7.00m. loose					3	ו/א וו <u>ש</u>
26/3/88	4		 144 7			Tับกฎ						schist	Constant H	eod Test	H		4	t
,	. Sumi	1	in a la Beng										K=3.8x10 <sup>-4</sup>			$\mp$	5	
	6 m		i i V										-				6	<b>22</b>
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9	10												Constant H		Щ			
27/3/69	i Innum	9				2							K=162x10 <sup>3</sup>	cm/sec	$  \cdot  $		2	Į.
27	2						1						Constant H	earl Test			3	+
	3 mfmfm	٥					<u> </u>						K=2.32x10					
	4 1	8					100					IS.60-50.00m. hard.						
	5					<u>و</u>	1					(3,60-25:35m. some		·	<del> </del>			
	6 mm					nd Core	:					coldite vein, thickness	6	$\supset$ 1				
	7 1					amond 52 mr						1-8 cm, dip 30°-70°, hove	(2	ク	$\mathbb{N}$		7	
	8 7	$\dashv$				C. Die	:	•				of colcite veln					8	
	9 20 20 20 minutanian	3				NWIC	:					15.75-16.65m. 17.50-					9	71.7
	-1											Irregular, rough, Iran	ļ	- 11		1	20	
98	1 0000	0										oxide filled 19, 70-20.00m. Joint (70°		• [	M			
28/3/88	2 11111	一	chis				÷					irregular, polished		1	1		2	
	արակակակակակակա	ž.	Quartz – Schist									21.65-21.80m, 22.20- 22,58m, 26.20-26.80m	2.4	Ι.			3	
	4	18	Onar				:					29, 20-29, 70m, Vertical			1		4	
	2 mm	-										joint, irregular, rough, iron Oxide tilled			N		5 Mulli	
	6 min											HOR CAIDS	<b> </b>	-+			.6 ակայես	
	2 8	8										29.70-39.00m Some			1		7 Խահամասիան	
29/3/08	8 m	8										colcite vein, thickness 2-6cm, dip 70°, have	4.2	7	[ ] \	M	11 Miller	
8	9	င္မ	- 1									small cavity on surface of calcite vein			林		9	
لبب	30 -3 Core k	1			D -	للاسا	Westly				Ĺ	Average length of Core 1 (more 1				للحا	E 30	<u>L</u>
÷			:	ing to desire	!	(ri <b>st</b> h]-1	5 (decompo	med t	Hardn	. 1		9 (20 cm 5 ( poft )	,5 cm.). 4 (lese th	uar p. cm. 15 (;	F EXTRO )			
		٠.									_	0.7						
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o-ordinates N1,966, 113,451 E 371,960,521  ngle from Horizontal 90°  earing of Angle Hole								a Bacave	rv	100	\*/ <sub>6</sub> ·	Depth of Overburden	3.60m	d	2 of 2 ed 26/3/88 1 31/3/88				
aring	of Ar	ngle H	lole		<del>-</del> -		Con	npany		EG	AT	Total langth of core	50. 00 m	Logged l	٠ ٧	н. К	Pattan Takeda	0	
Date.	Depth	R. O. D	Gacdogy	Symbol of geology	Core recovary	Kind of Br.	Cesting	Colour of rack	Weathering	Serdners	Awage largth of core	Description	LUGEON VA	SELE — V	O Drift SO Pretsure Ko		<b>₹</b> Depth	Elevation	
	30 majarajaran	200		s	- 100%						5	31.00 -31.55m, 31.75-			V		30 1 1		
		2.2										31.90m. Vertical Joint Irregular, rough, iron				Anna Grand State	ահավամիս 3		
	արուրայաց	*						- Andrews				oxide filled		<b>•</b> )			4 6		
	րողումյուկուկուկությությունը 7 8											36.20-36.60m, 42.50-42.80m,45.50-45.90m					նարկականը։		
	6 8 անյակական	35	z – Schist			Core Bit						vertical joint, Irregular, calcite filled			1		8 9 40	51.77	
	40 		Quartz			Diamond 52 mm								7)			րահայնահում։ Գ		
	արարարարար	39				NMI.C.										and the second	ւ 3 Գումասիայի		
	գ 5 դոսկոսնույն	37															րահամասնում Ծ		
	6 . 7 8 ahmhamhamha	0												8)			7 R	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
;	6 ովուտեստեու																ուրակարար 50	41.7	
	50 փակութակու											Bottom of Hole 50.00m					յուսիայի 1 2		
	2 3 4																. 3 4		
	ի ը « Որուհադերուհում																ամասնաման 6		
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