BORING LOG

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PROJECT	Detailed D	<u>e∴Svst</u> rom	em	HOL	E NO. DH.16 LO	OCATION 10K + 98	59, $L = 17$
WORK	Dok Krai t		Ta Pud	DEPT	H 5.25 M. EL	LEVATION OF HOLE	30.06 1
		211	7			DATE De	.25,81
	FOREMAN_	Pra	sliath.		METHOD OF B	CRING Std. Pent.	desis, Test
Sclae M.	Layer Depth M.	Log	TestedDept I M.	м	Soit Desc	cription	Remarks
. 1.00 .	0.90		0.00				WATER TABLE
	·		2.00 2.30	26 48	Poorly grade	ed sands, non-	-0.20
3.00	2.70		3.00	41	Dlastic; :ve	ry loose, sand	DATE
- 4.00			4,00	47	is predomin	antly medium,	Dec.25,81
- 5.00 -	5.25		5.00	- 50/2	brown (SP)		
- 6.00 -		1 . 1			Clayey sand,	, Medium Plasticity	7
-7.00					Medium densi	ity to dense, sand	,
- 8.00 -						coarse, light	
9.00 -					gray (SC)		—
10.00						low plasticity,	
11.00 -					1	sand is fine to	
12.00 —			-			e fine gravel,	
· · · · · ·	· · · · · · · · · · · · · · · · · · ·		-		light gray (
	c .					tom of Hole	
						lluvial deposit	
-			<u> </u>				<u> </u>
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
							PLATE NO.
ERTICAL S	5CALE 1:100		= 1 \\ \		Ché	ecked	Sheet

PROJECT	Dok Krai to	e <u>Svst</u> rom <u>Mab</u> Thro Sura Thav	em Ta Pud ngrit. chai. il.	DEP	E NO. DH. 17 LOCATION 14K + 310 TH 5.22 M. ELEVATION OF HOLE DATE DA METHOD OF BORING Std. Pent.	37.07 m ≥c.26,81
Sclae M.	Layer Depth M.	Log	TestadDepth M.	N	Soil Description	Remarks
- 1.00 -			1.00 2 1.30	7		WATER TABLE
····			2,00	.'	Silty sand, non-plastic,	0.50 m.
	2.50	X	3.00 3.30	10	loose, sand is fine to mediu	DATE
4.00			4.00	28	-light-gray (SN)	Dec.26,81
5:00	- 4.30		5.00		Clayey sand, Medium plastici	·
	. 5.22		5. 22	_50/2	Medium density, sand is fine	
	<u>.</u> .	·	-		to coarse, some fine gravel,	
8:00					yellowish gray (SC)	
- 9.00	202				Silty sand, low plasticity,	· ·
-10:00	+				very dense, sand is fine, to	
					coarse, some fine gravel,	
-12.00		·			grayish brown (SM)	
					Bottom of Hole	-
					0.00-4.30 m. alluvial deposit	
					4.30 - decomposed granite	
<u> </u>						
					•	PLATE NO.
VERTICAL S	CALE 3:100	(ICM	= 1 M.) _T	irace	Chackad S	sheet

E Sail and Cool Divisio Royal,

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		n of Soll a rrigation D							t
	WORK	Dok Krai to	<u>e Svst</u> rom 5 <u>Mab</u> Th Ch Th	em Ta Pud	HOL DEP1	[H		<u>52.67</u> m an.5,82	
~	Sclae M.	Layer Depth M.	Log	TostedDepit M.	N		Soil [Description .	Remarks
	1.00			1.00	12				WATER TABLE
•••				2.00	.12		Sandy cla	ay, Medium plasticity	
		2.80		3.00	10	 	Medium, s	sand is fine to	DATE
		····		3.30 4.00			medium, 1	brown (CL)	Jan.5,82
-		,		4.30 5.00	20			-	
	- 6.00 -	•	 	5.30 6.00	28		Clayey si	ilt, Hight plasticity	
	7.00	7 70		6.30 7.00	24 30	-	Medium, s	some fine to coarse	
		7.30		7.30			sand and	fine gravel, gravish	
ŝ					ļ	1			ļ

9.00 -			ļ	Ļ	<u> </u>			red (MH)			
-10.00 -								- Bottom	of Hole		
-11.00									**************************************		
								₩ ₩₩ ₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩			
-12.00 -	<u> </u>			Ì		1		******			
		-					 		- 		
			[[
			<u> </u>					*****	····		
<u> </u>								······	Fellin		
		+	1			<u> </u>					
		<u> </u>			**			******	• ••••••••••••••••••••••••••••••••••••	. PLATE NO.	
										. PLATE INU.	
VEDTICAL								1			
VERHAL	VERTICAL SCALE 1:100 (ICM = 1 M.) Traced Checked Sheet										

BORING LOG

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PROJECT_ WORK	Dok Krai to	<u>e Svst</u> rem <u>5 Mab</u> Sur Pra Ama	<u>em</u> Ta Pud achai.	DEP	H <u>7.30</u> M.	LOCATION 16k+68 ELEVATION OF HOLE DATE DATE	29.89 m Jan.6,81
Sclae M.	Layer Depth M.	Log	TestedDepti M.	N	Soil	Description	Remarks
_ 1.00 _			1.00	2		*****	WATER TABLE
		1.11	2.00	19	Silty	sand, non-plastic,	-0.88 m.
			2.30		very l	oose to medium densi-	DATE
4.00			3.30 4.00	6 		s-fine to medium;	Jan.6,81
	4.80		4.30 5.00 5.30	22	gray (SM)	
			6.00 6.30	34			
7:00-	7.30		7.00	54 44	Clayey	sand, Medium	
	1.30				plasti	city, Medium density	
9.00					to den	se, sand is fine to	
-10:00					coarse.	<u>some fine gravel</u>	-
-1-100			-		grayisł	1 yellow (SC)	
-12:00						Bottom of Hole	
·					0.00-4.80	m. alluvial deposit	
					4.80 - d	ecomposed granite	
-			-				
							[
					1919-1917 - 19	•	PLATE NO.
ERTICAL SC	CALE 1:100 ((ICM =	= 1 M.) _T	Tacad		Chacked	Sheet

FOREMAN Prasilath. METHOD OF BORING Std. Pent. Resis. Amarit. Amarit. Sclae Loyer Depth Log TestedDepth N Soil Description Remark M. M. M. N Soil Description Remark 1.00 1.00 1.00 Silty sand, low platicity, -0.55 2.00 2.30 23 Silty sand, low platicity, -0.55		27.56	HOLE NO. DH. 20 LOCATION 18K + 280 DEPTH 6.30 M. ELEVATION OF HOLE DATE JE						Detailed Design for The ROJECT <u>Pibeline-System</u> From WORK <u>Dok Krai to Mab Ta Pud</u> Surachai					
M. M. M. WATER T 1.00 1.30 8 Silty sand, low platicity,	'est.	Resis, Tes	FBORING <u>std.</u> Pent.	10D OF	ME		iiath.	ras	נ <u>P</u> An			ļ		
1.00 1.00 8 Silty sand, low platicity, -0.55 2.00 2.50 2.50 2.50 DATE 3.00 1000000000000000000000000000000000000	<5	Remarks	Description .	Soil D		N		Te	Log	oth	Layer Dep M.	1		
2.00 Silty sand, low platicity, -0.55 2.50 3.00 loose to medium density, DAT 4.00 3.30 loose to medium density, DAT 4.00 4.00	ABLE	WATER TAB						1.5 **				1.00 -		
2.50 2.30 23 3.00 1003e to madium density, DAT 4:00 5.30 15 4:00 5.00 5.00 5:00 5.00 brown (SM) 5:00 5.30 30 6:00 6.30 45 7.00 6.30 45 9.00 5.30 45 -10:00 5.30 45 -10:00 5.30 45 -10:00 6.30	m	-0.55 m.	and, low platicity,	ilty sa	<u> </u>		2.00							
3.30 15 4.00 4.00 4.30 24 5.00 5.00 5.00 5.30 5.00 5.30 5.00 5.30 5.00 5.30 6.30 45 7.00		DATE		,	٦	23		┝╌┼╌		+	2.50 -			
4.30 24 5.00 5.00 5.30 30 6.30 6.30 6.30 45 -7.00 - -8:00 - -9.00 - -10:00 - -10:00 - -10:00 - -10:00 - -10:00 - -10:00 - -10:00 - -10:00 - -10:00 - -10:00 - -10:00 - -10:00 - -11:00 - -12.00 0.00-5.00 m. alluvial deposit	<u>81</u>	Jan. 6, 81	، بر این می بارد بر بار بین از میکند (میکند این میکند) که باری می بین میکند (میکند) میکند این میکند میکند این م میرون می این میکند (میکند) این میکند (می		· · · ·				$\backslash \backslash \cdot \cdot 1$	-	- n 7 21	•		
6:00 6.30 45 -7.00 - - 8:00 - - 9:00 - - -10:00 - - -10:00 - - -10:00 - - -10:00 - - -10:00 - - -10:00 - - -10:00 - - -10:00 - - -10:00 - - -10:00 - - -11:00 - 0.00-5.00 m. alluvial deposit	-2011/				1.		.30	4		T		** •		
6.30 6.30 45	<u></u>			10WH (5		30	.30	3× .				•		
-9.00 -9.00 -10:00 -11:00 -12.00 -12.00 -10:00 -12.00 -10:00 -12.00 -10:00 -11:00 -11:00 -12:00	• =7-117	/	and Medium plantin	lavev s	<u>-</u>]_	_45	.30	6			6.30			
-9.00 -10:00 -11:00 -12.00 -12.00 -12.00 -12.00 -12.00 -10 -10 -10 -10 -10 -10 -10 -	-			******	-	<u> </u>			╉╼╍╼╍╉	İ-İ		7.00		
-10:00		<u>}7</u>	·····							$\left \cdot \right $.		
-11:00 Bottom of Holæ -12.00 0.00-5.00 m. alluvial deposit	<u></u>		fine to coarse, some	and is										
-12.00 <u>0.00-5.00 m. alluvial deposit</u>	<u></u>		vel, gray (SC)	ine gra				+				-10-00		
			Bottom of Hole					+-		$\left \right $		-1-1-:00		
5.00 - decomposed granite			. alluvial deposit	-5.00 m	0.0			•		┝╌╋		-12.00		
			composed granite	<u>– de</u>	5,0			+				••••••		
							·····	+						
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			·		, 			+						
								+						
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PLATE	NO.	PLATE NO	•		. <u> </u>			 						
/ERTICAL SCALE 1:100 (ICM = 1 M.) Traced Checked Sheet		Sheet					1 M.) _T	 =	 (ICM		CALE 1:10	/ERTICAL S		

BORING LOG

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	Detailed D — Pipeliñ			HOL	NO. DII.21	LOCATION 18K + 68	5, L = 28
WORY	F: <u>Dok Krai t</u>	rom Nab	To Deal		H6.28M.		28.85 r
		Sur	achai	L	· ····································		<u>20.07</u> an.8,82
	OREMAN_	Am:	rit.		METHOD O	F BORING std. Pent.	
Sclae M.	Layer Depth M.	Leg	TestedDepti M	Ν	Soil I	Description	Remarks
_ 1.00 _			1,00		*****		WATER TABLE
200	، 		2,00	4	- Poorly	graded sands, non-	-0.95 m.
	2.50		2.30 3.00	7	plasti	c, loose, sand is	DATE
	م ² , ۸ [×] , ∼ مع		3.30 **	9	_ <u>- p</u> rèdòī	inantly medium, brown	Jan.8,82
-5-00			4.30 5.00	27 30	(SP)		
-6.00	6.28		5.30 6.00 6.29	50/28	lam		·
7.00 -	0.28				-	sand, Medium	
-8-00					plasti	city, loose to very	
9:00					dense,	sand is fine to	-
ŀ0-00					Coarse	, gray (SC)	······
-1 . 00						_Bottom of Hole	
2.00			· · · · · · ·		0.00-6.00 m	• alluvial deposit	·····
·					6.00 - de	composed granite	
							<u>-</u>
							,
							·····
					·····		
						· · · · · · · · · · · · · · · · · · ·	· · · · ·
							DIA 757 5 100
							PLATE NO.
RTICAL S	CALE 1:100	(ICM	= 1 M.)	<u> </u>		Checked	Sheet

Division	ı of	Soil	and	Geology
Royal Tr	riģ	ation	Depa	rtment

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Det	ailed De	sivn i	or The	r					
PROJECT	Pipeline	Syste		HOL	E NO. DH.22	LOCATION 19K + 4	41, L = 38		
WORK Dok		om Mab 7	fa Pud	DEPTH10.25 M. ELEVATION OF HOLE m					
1		ሞከ	ronorit.			DATE Ja			
	EMAN_	Tn	_		METHOD OF.	BORING <u>Std. Pent</u> .	Resis. Test.		
Sclae Lay M.	yer Depth M.	Log	TestedDepth M.	N	Soil D	escription .	Remarks		
1.00							WATER TABLE		
	1.80		2,00	7	Clayey s	and, low plasticity,			
50 			2.30 3.00	3	loose,-s	and is fine, brown	DATE		
4.00	4.10		3.30 <u>4.00</u>		<u>(sc)</u>	 ایر ایر ایر ایر ایر ایر ایر ایر ایر ایر	Jan, 6, 82		
5:00			4.30 5.00 5.30	14	Silty sa	nd, non-plastic,			
6.00	·		6.00 6.30	· 22	very loos	se to loose, sand			
- 7.00			7.00 7.30	31	is fine	to medium brown (SM)			
			8.00 8.30	21		and, Medium			
9:00			9.00 9.30	40	******	ty, Medime density			
	0.25		10.00 10.25	.50/2	5¢m_	lense, sand is fine			
		·	· ·			e, gray (SC)			
-12:00			-			Bottom of Hole			
						lecomposed granite			
	- -								
		<u> </u>							
			 		** <u>***********************************</u>	n. *	DIATENO		
							PLATE NO.		
VERTICAL SCA	LE 1:100	(ICM	= 1 M.)	 Trace	d	Chacked	Sheet		

	Detailed D Pipelin	<mark>e⁻Svst</mark>		HOL	ENO. DH.23 LOCATION 20K	+ 741, L =20
WORK	F: Dok Krai te	rom Nab	ີ່ "ກຸ່ມ 1. 1	1	H_7.99 M. ELEVATION OF HOL	
	<u>Dok Krai t</u>			L	 DATI	- Jan.6.82
F	OREMAN_		alam.		METHOD OF BORING	ent. Hesis. Test.
Sclae	Layer Depth	1				
M.	м.	Log	м.	Ν	Soil Description -	Remarks
1.00			1.00		 	WATER TABLE
			\$.00 1.30	3	Silty sand, .non-plastic,	-0.25 m.
•	2.60		2.30	1	very loose, sand is fine	DATE
	r.		3.30 4.00	23	medium, gray (SM)	Jan.6,82
-4.00 -	,		4.30	46	meurum, gray (SM)	
5-:00	•		5,00 5,30	26	Clayey sand, Medium	
			6.00 6.30	30	viayey said, Medium	
700	7.09		7.00	-5070	Plasticity, Medium densit	.y,
- S. 00					to very dense, sand is fi	ne
- 9.00 -					to medium gray (SC)	
-10-00					Bottom of Hole	
-11-00					0.00-4.00 m. alluvial deposi	.t
-1-200					4.00 - decomposed granite	
					· · ·	
					· · · ·	
					***************************************	<u>-</u>
····						
						- PLATE NO.
					ـــــــــــــــــــــــــــــــــــــ	
VERTICAL	SCALE 1:100) (ICM	= 1 M.)	Trace	dChacked	Shee t

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BORING LOG

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Detailed Design for The I

	PROJECT <u>Pipeline:System</u> From				HOLE NO. DH.24 LOCATION $25K + 514$, L = 20					514, L = 20	
	WORK_) Т	a Pud					ELEVATION OF HOLE	
		FOREMAN.	Th 	irc ial	ngrit. am.			METHOD	 07	DATE J BORING Std. Pent.	An.7,82 Resis. Test.
	Sclae M.	Layer Depř M.	h Log		ril. estedDepti M.	N		Soi	I D	escription	Remarks
•	1.00				1.00						WATER TABLE
		···			1.30 2.00	9		Silty_s	san	d, non-plastic,	-1.70 m.
	3.00		1.		2.30 3.00	9		loose t	to	medium density,	DATE
	-4.00	3.40		; .	3.30 4-00	18	ŀ	sand is	3→Î	ine to medium,	Jan,7,82
- -					4.30 5.00 5.30	31 36). brown ((<u>SM</u>		
-					6,00	16	<u> </u>			·	
_					6.30 7.00 7.30	49		Clayey	an	d silty sand,	
ţ	8-00	*		Ì	8.00 8.30	43	 	low pla	<u>ist</u>	icity, Medium	
	- 9.00 -	9.07			9.00	5070	7cm	density	<u>r t</u>	o very dense,	
	-1-0 <u>0</u>			$\left \right $; f	ine to coarse,	
	1-1-:00						$\left - \right $	some fi	ne	gravel,	
	-1-2-00			$\left \right $				gray (S	<u>30</u> 5	<u>SM)</u>	
-	r *****		 				 		_	Bottom of Hole	
								0.00-7.0	0 ₁₁	alluvial deposit	
F								7.00-	de	ecomposed granite	
	• 										
 								··			
				-			·····	 			
											PLATE NO.
VERTICAL SCALE 1:100 (ICM = 1 M.) Tr						race	d	······································	c	heckəd	Sheet

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	PROJECT	Detailed I <u>Pinelir</u>	<u>ne Svst</u>		_но	LE NO	LOCATION 1K + 05	4. R = 12
1	WORK	Dok Krai t	rom o Mab	To Dud	DEP	TH 5.50 M.		
			Bar	ichoyb.				
			The	ongkum.			F BORING <u>Hand Aug</u>	er
	Sclae	Layer Dept		TestedDep	the se		······································	
ł	М.	м.		м.		Soil	Description	Remarks
								WATER TABLE
-	1.00 _	-		1.30	_ _			
		<u>,</u>	1	~.2.00		Silty s	and, non-plastic.	
		2.50	1. 1	2.30				
+				3.00		sand is	fine to coarse,	DATE
1	\$			3.30				Dec.25,81
Ť.	- 1-00			4.00 4.30		some fi	ne gravel, -brown (SM)	
	- 5- 00	· 1						
Ţ,	- 5-00		$\mathbb{N}_{\mathbb{N}}$					
$\frac{1}{1}$	-6.00 -				-	Clayey s	sand, Medium	*** - ** ** -* -*
			·					
T	7-00		<u>† </u>			Plastici	ty, sand is fine,	
	~8:00					to coars	e. reddish brown (SC)	
Ì	0.00							
F	- 9.00 -						Bottom of Hole	
	-10:00							
	-10-00			1	1			
╞	+1-:00	· · · ·			<u> </u>	 		
					1			
Γ	-12.00		<u> </u>					······
	•	<u> </u>						
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۷	ERTICAL SCALE 1:100 (ICM = 1 M.)				Trace	d	Checked	Sheet

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BORING LOG

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	Detailed I Pipelii Dok Krai t	<u>ie Syst</u> rom	em	Į.	E NO. <u>A-2</u> [H <u>4-40</u> M.	LOCATION 2K -	
	FOREMAN_		Banchoyb. Thongkum.			DATE F BORING <u>Hand</u>	Dec.25,81
Sclae M.	Layer Dept M.	Lcg	TestadDepit M.	N	Soil I	Description	Remarks
. 1.00 _			t. 00 B. 1. 30				WATER TABLE
~~~2, <u>,</u> 00~			2.00		Clayey	sand, Medium	
5.00 -	3.50		3.00 3.30		plastic	city, sand is fine	
-4.00 -	4.40		4.30	• • •	<u></u>	rse, some fine	Dec.25,81
-5:00	:				gravel,	brown (SC)	
6.00 -						· · · · · · · · · · · · · · · · · · ·	
7.00 -						sand, low plasticit	y,
8 <del>.</del> 00	ske-				l l	<u>s fine to medium,</u> gray (SM)	
0-00						_Bottom of Hole	
100							
2.00 -		 					
·			· ·		·		
						·····	
·			<u> </u>				
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					d		
							PLATE NO.
	CALE 1:100		_ 1 41 \				
		(ICM) :	= 1 M.) T	raced		Chacked	Sheet

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	PROJECT	<u> </u>	From		200	6	E NO. A.3 LOCATION 6k+308	
	WCRK_	Dok Krai			<u>fa Pud</u>	DE5.	TH 5.00 M. ELEVATION OF HOLE	76•11 m
		FOREMAN]	Banchoyb		DATE	Dec.26,81
1					Thongkum.	·····	METHOD OF BORING_Iland Auge	r
	Sclae	Layer Dep	# L	ca	lestedDepth	N	Soil Description	
	М.	М.		1	м.			Remarks
				\sim	0.00			WATER TABLE
-	_ 1.00 _				1.00			
-	-2.00				2.00	•	Clayey-sand, Medium	
		L			2.30			
+				$ \rightarrow $	<u>3 00</u> 3.30		plasficity, sand is fine	DATE
-		3.90			4.00	-	ت مارو دو مود و بروز او از الموضوع و برای مراجع می مدیر ول از است.	Dec.26,81
				N. (*	4.30		to coarse, some fine	
+		5.00		<u> </u>	<u> </u>		gravel, reddish brown(SC)	
							-	
	- 600				· · · · · · · · · · · · · · · · · · ·			
-	-7.00 -						Silty sand, Medium	
							77	
T		-#:-					plasticity, sand is fine	
-	- 9.00	 			 		to coarse, some fine	
ļ	10 00						gravel, grayish brown (SM)	
T	~ ! 0 , 00		1					·····
-	11:00						Bottom of Hole	
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- 1.00	-		1.00 1.30 - 2.00		Sandy	.clay, high plasticity	
<u>-2.00-</u> -	2:30		3.00	 	sand	is fine to coarse,	DATE
-4.00			3.30 4.00 4.30		some	fine gravel, red'(CH)	Dec, 25, 81
~ 5:00	5,00				$\left \begin{array}{c} 1 \\ 1 \end{array} \right $		
6-00						sand, low plasticity	
7.00	<u>}</u>			<u> </u>		is fine to coarse, fine gravel, light	
	25			1		n (SM)	
- 9.00 -		<u> </u>				Bottom of Hole	<u> </u>
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	PROFECT	Detailed Do	esign f	for The		NENO A.5		
		F	rom				LOCATION 12k+36	
	WORK	<u>Dok Krai to</u>			DE	PTH <u>4.40</u> M.	ELEVATION OF HOLE	
		FOREMAN_	E	anchoyb.	····	METHOD_O	DATE D EBORING	ec.26,81 er
	Sclae	Layer Depth		TestedDept		T		
1	M.	м.	reg	M		Soil L	Description	Remarks
mannahas	1.00			1.00 1.30				WATER TABLE
				2.00 -	-	Clayey	sand, Medium	
		2.40		2.30		······································	<u>,</u>	DATE
-				3.00 3.30		plastic	city, sand is fine	DATE
	-4-00			4 00		/ to-coa	rse, reddish brown(SC	Dec.26,81
- [-		· 4,. 40		4.40			· · · · ·	
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		•;					sand, Medium	
	7.00				ļ	plestic	tity, send is fine	
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	PROJECT	Detailed D			но	E NO. <u>A.6</u>	LOCATION 13k+74	0,L=28
	WORK	Dok Krai to		Ta Pud Chalam.	DEP	гн <u>5.25</u> м.	ELEVATION OF HOLE	
<u>`-</u>		FOREMAN_			•	METHOD O	F BORING Hand Aug	ec.26,81
	Sclae M.	Layer Depih M.	Log	TestadDept M.	HN	Soil I	Description	Remarks
	1.00			0.30				WATER TABLE
1		`		2:00 ·	. .	Silty	sand, non-plastic,	-0.21 m.
		. [2.30 3.00 3.30	. 	sand	is fine to coarse,	DATE
	- 4-00 -	- 4.40 -		4.30 4.30	45	<u>brown</u>	and gray (SN)	Dec.26,81
		1		5.00 5.25	5072	5 cm.	······································	
~						Claye	y sand, Medium	
	-7.00 -					Plast	icity, very dense,	
÷	≖-8:00	4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.				sand	is fine to coarse.	
	-9.00 -					gravi	sh hrown (SC)	
	-10.00						_Bottom of Hole	
	=1-100	· · · ·						
- -	-12.00							
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	PROJEC	T <u> </u>	<u>le'Svst</u> rom	em	HOI	ENO. A.7 LOCA	17K + 7	42, L = 25 ⁻	
	WORK_	<u>Dok Krai t</u>		Ta Pud	DEP	H_ 5.00 M. ELEVA	TION OF HOLE	32.01 m	
			Th	avit.			DATE J	an.6,82	
_		FOREMAN_				METHOD OF BORI	NG Hand Aug	er .	_
	Sclae	Layer Depth		TestedDept	H N			I	-
	М.	М.	LOG	М.		Soil Descrip	tion	Remarks	
-f	<u> </u>		1.	10.00 0.30	+			1	
			K.//	1,00				WATER TABLE	
		1		1.30					-
	<u> </u>	· · · · · ·		2.00 ~ 2.30	•]	Clayey sand, 10	ow plasticity,	-1.10 т.	-
		3.00		3.00		'	?	DATE-	
1				3.30		sand is fine to	o medium	· · · · · · · · · · · · · · · · · · ·	┥╸
4				4,00		brown (SC)	y w	Jan.6,82	
ĺ	-	, 1		4.30				· · · · · · · · · · · · · · · · · · ·	十
-+		5.00							
- -	- 6::00	·	;		-	Sandy clay, lon	plasticity,		
		-	-			sand is fine to	medium.		ſ
	1.00			1					┢
$\frac{1}{1}$	8:00					gray (CL)			
	- 9.00 -					Bott	om of Hole		
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-	-11.00	<u> </u>				······································			-
1	-12.00 -		<u> </u>						
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PROJEC	T <u>" Pipeliń</u>	<u>-Svst</u>	em .	HOL	E NO. A.8	LOCATION 21K+94	5,L=9
WORK	Fi <u>Dok Krai to</u>	rom Mah	Ta Pud	DEPT	гн <u>5.00</u> М.	ELEVATION OF HOLE	
		Sເ	Irachai.	L			an.6,82
~~	FOREMAN -				METHOD_O	FBORING	er
·Sclae	Layer Depih	Log	TestedDepit	N	· (
М.	м.	-09	М.	• •	3011	Description 1	Remarks
1.00	-		L.00				WATER TABLE
	1.30		2.00	-	Silty s	and, low plasticity,	
			2.30 3.00		sand is	fine to coarse,	DATE
4-00			3.00 4:00		grayish	-red- (SM)	Jan.6,82
	5.00		4.30		· · · ·	· · · · · · · · · · · · · · · · · · ·	• •
6. 00					Silty s	and, Nedium	
7::00		·			plestic	ity, sand is fine	
						se, brown (SM)	
- 9.00 -	25				· .	Bottom of Hole	
10.00						· · · · · · · · · · · · · · · · · · ·	
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1	PROJECT	<u> </u>				НО	LE NO. A.9	LOCATION24k+2	40.L=17
			F٦	ഹമ		1	TH 5.60 M.	ELEVATION OF HOLE	
		<u>Dok Krai</u>		-		. <u>. [</u>		DATE J.	an.3,82
	• • •	FOREMAN		A	rasilath. marit.		METHOD O	F BORING Hand. Auge	r
	Sclae	Layer Dep	th	log	TestadDept	HN			
	м.	M.		LOG	м.	11	2011	Description	Remarks
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	1.00				1 00 È				WATER TABLE
		• -		· ·	2 00		- Poorly	graded sands, non-	_0.50
		, , , , , , , , , , , , , , , , , , , ,			2.30		*****		DATE
1		2.80 -		//	3.30	1	plastic	, sand is predominant	<u>л</u>
		;			7. 4.00	<u>-</u>		-brown (SP)	Jan.3,82
		2			4.30			· · · · · · · · · · · · · · · · · · ·	-
f	 5، 10 م				5.00				
	- 6.00 -	5.60				<u> </u>	Clavev s	sand, Medium	
	-	• •		1.					
Ť			-			<u> </u>	plastic:	ity, sand is fine to .	•
	- 800 -						medium,	gray (SC)	
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Ì	- 9.00 -		-					_ DOLLOW OI HOLE	
-	-10.00		_	····-	+	 			
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	WORK	Detailed Do <u>Pipelin</u> Fr Dok Krai to FOREMAN	<u>e'Syst</u> rom <u>5 Mab</u>	em	DEP	LE NO. <u>TP-1</u> TH_4.00 M. ELEVATION OF HOLE DATE Ja METHOD OF BORING Test Pite	80.38 m
	Sclae M.	Layer Depih M.	Log	TestadDep# M.		Soil Description	Remarks
	- 1.00 -			1.00 -1.30			WATER TABLE
		1.90		2.00	-	Silty sand, Medium plasticity,	
		4.00		3.90 3.30 3.70 4.00		sand is fine to coarse, yellowish brown (SM)	DATE
		· · · · · · · · · · · · · · · · · · ·					
- ا ست	6-00					Sandy silt, high plasticity,	
						sand is fine to coarse, some fine	
		2.7				gravel, grayish brown (MH) Bottom of Hole	
	-10.00 -						
	-11.00						
	-12.00						
	-		,				· · · · · · · · · · · · · · · · · · ·
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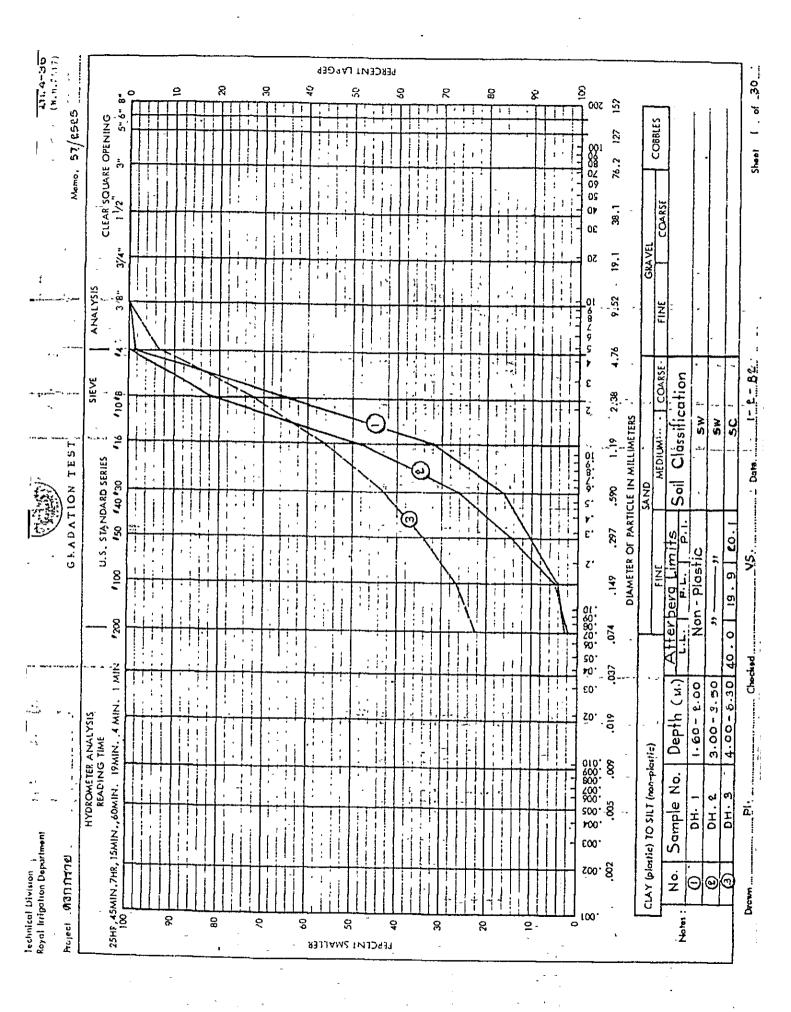
	1 1	Detailed	Design	for The	1	•			-
1		Pipeli	i <u>ne Svst</u> Erog	lem	_НО	LE NO, TP-2	LOCATION	;, L=33	
	MCSK	<u>Dok Krai</u>	to Mab B	<u>Ta Pud</u>	DEP	TH <u>3.00</u> M.	{		
						METHOD O	DATE J F BORING <u>Test Pi</u>	an 6,82	
	Sclaé	Loyer Dep		TestedDep		1		1.	_
	М,	M.		м.			Description	Remarks	ļ
	_ 1.00 _			0.70				WATER TABLE	-
-				1.70	1			·	
1	≞-2-00···=		and the second se	2.70	1	Π	Medium plasticity,		
		3.00	0 0	3.00		sand is fine	e to coarse, brown(SM)	DATE	-
- +	- 4.00 -	-	1						
ļ		,				Laterite som	e silt, grayish	·······	
						brown (GM)			Ì
ĺ	- 6.00	;	1.					بوسادة مرورة بالمانية المرجوعية المراجع ومساقدة المتعاومين	
	7:00		+		+	Во	ttom of Hole	-	
	- 3.00	wind and							
	- 9.00 -		+						
	-10.09								_
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	11.00`							ل	-
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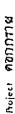
A. M. M. 1.00 0.70 WATER 2.00 2.00 Silty sand, Medium plasticity,	in 1,82
1.00 1.00 2.00 1.00 5.00 1.00 3.00 3.00 3.00	xarks
2.70 3.00 Sand is fine to coarse, brown DA 4.00 3.70 4.00 and grayish red (SM)	TABLE
-4.00 - 4.00	
Bottom of Hole = 6.00 = 7.00 = 3.00 = 9.00 = 10.00 = 12.00 = 4.00 =	ATE
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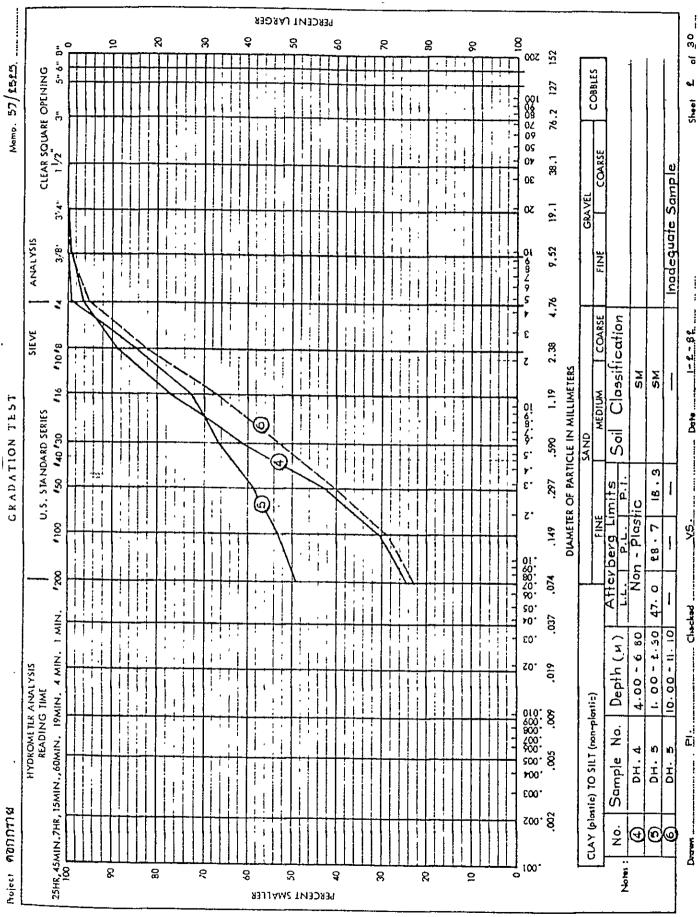
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Appendix 2

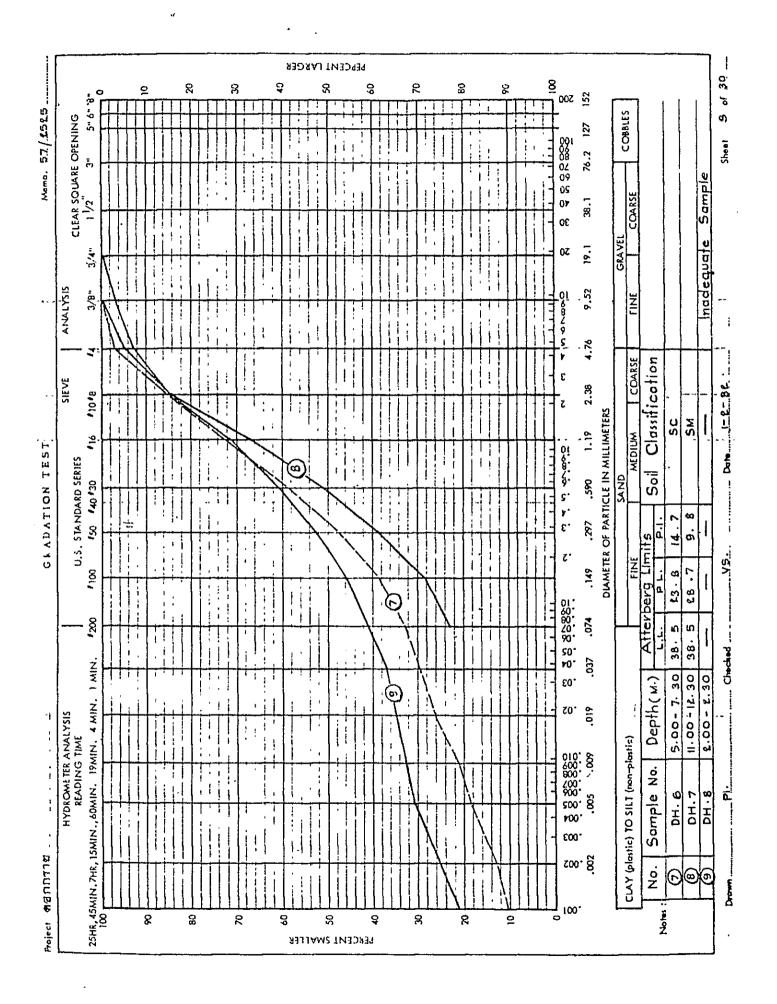
Laboratory Testing Data

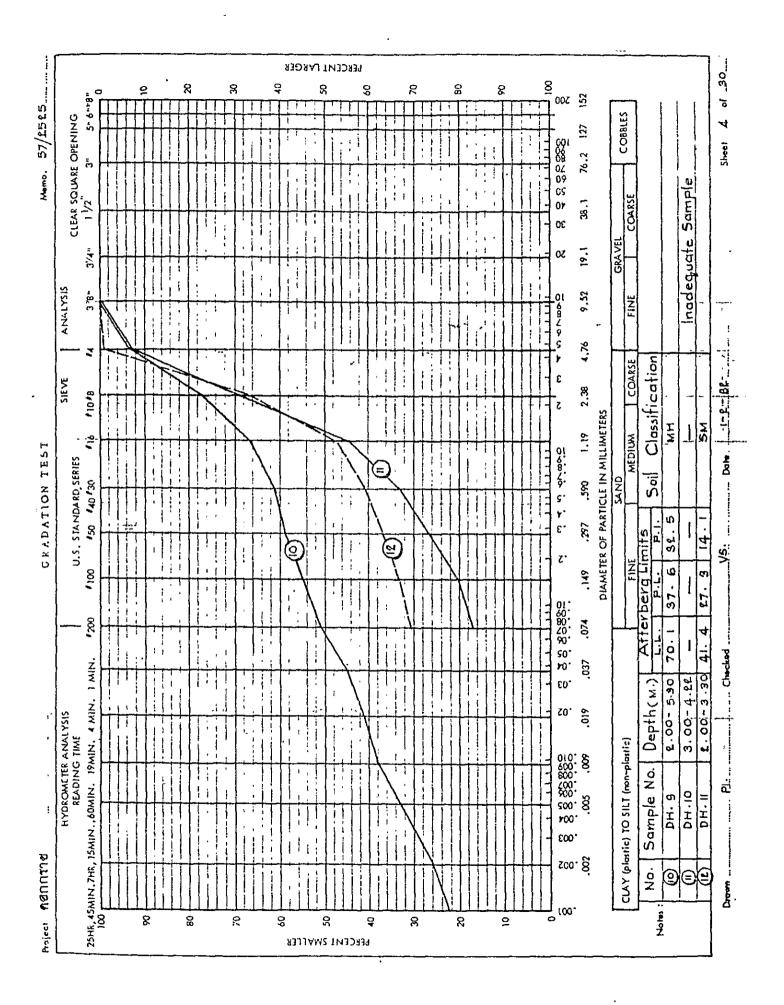


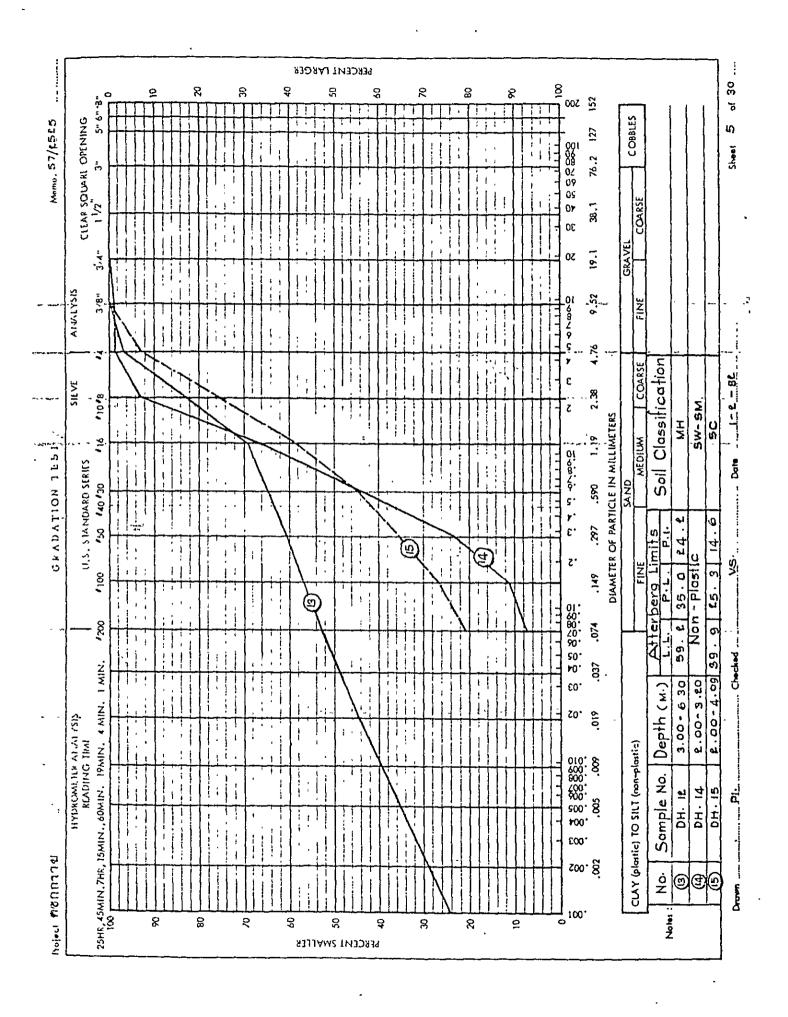




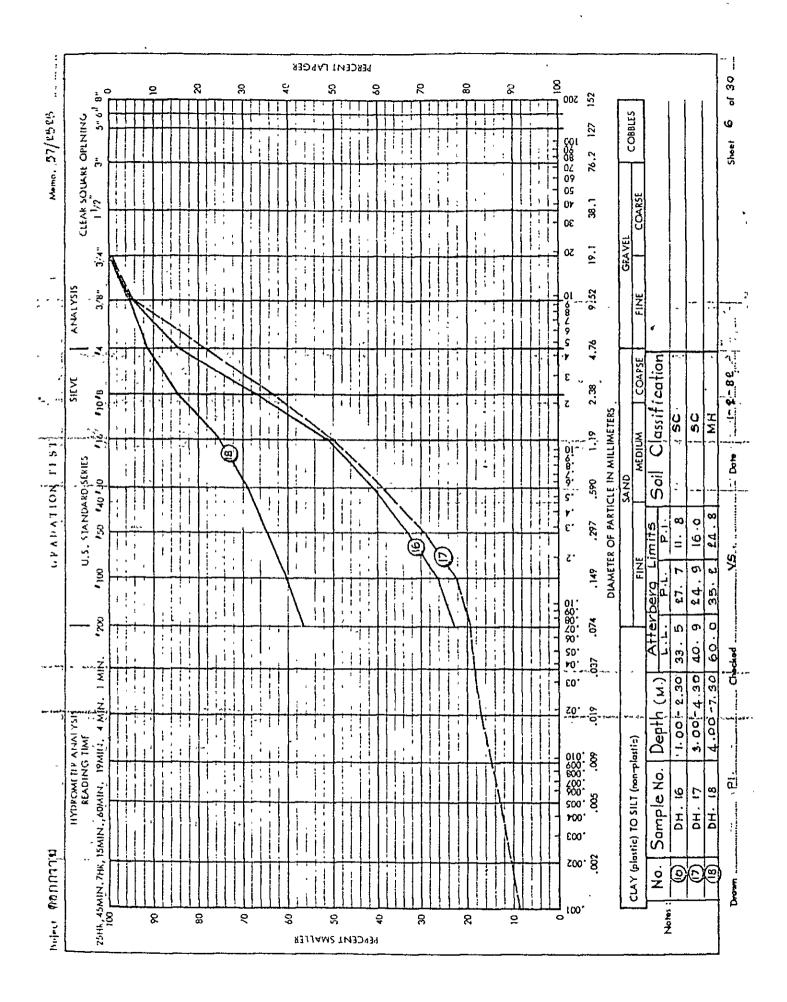
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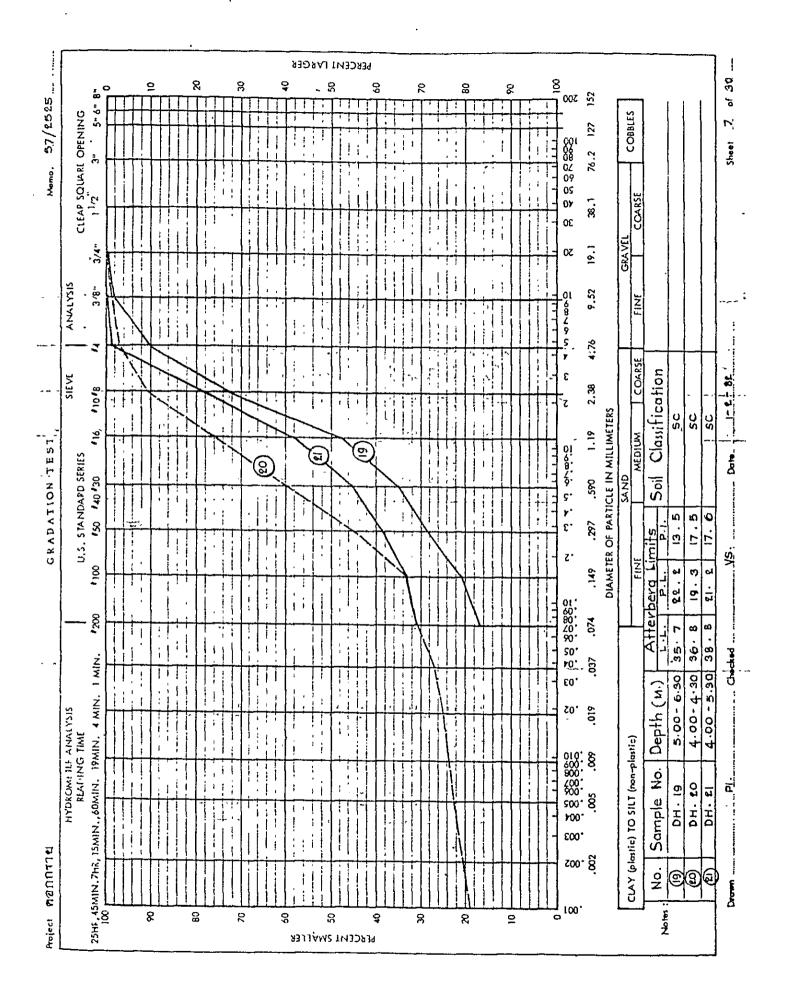


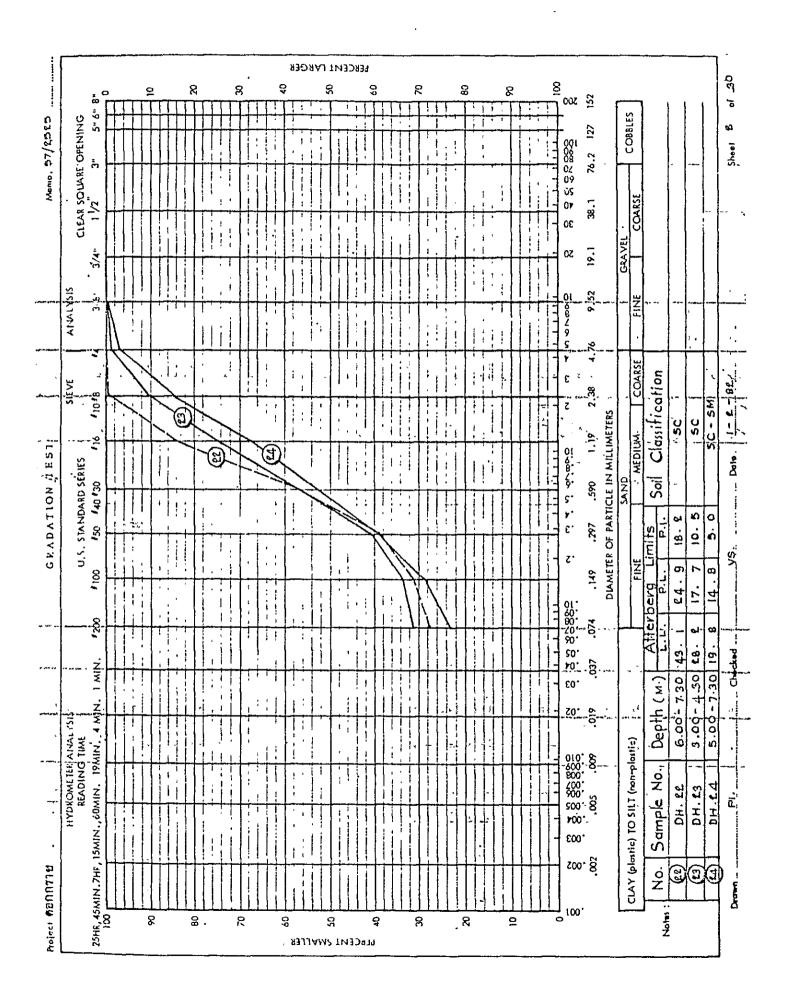


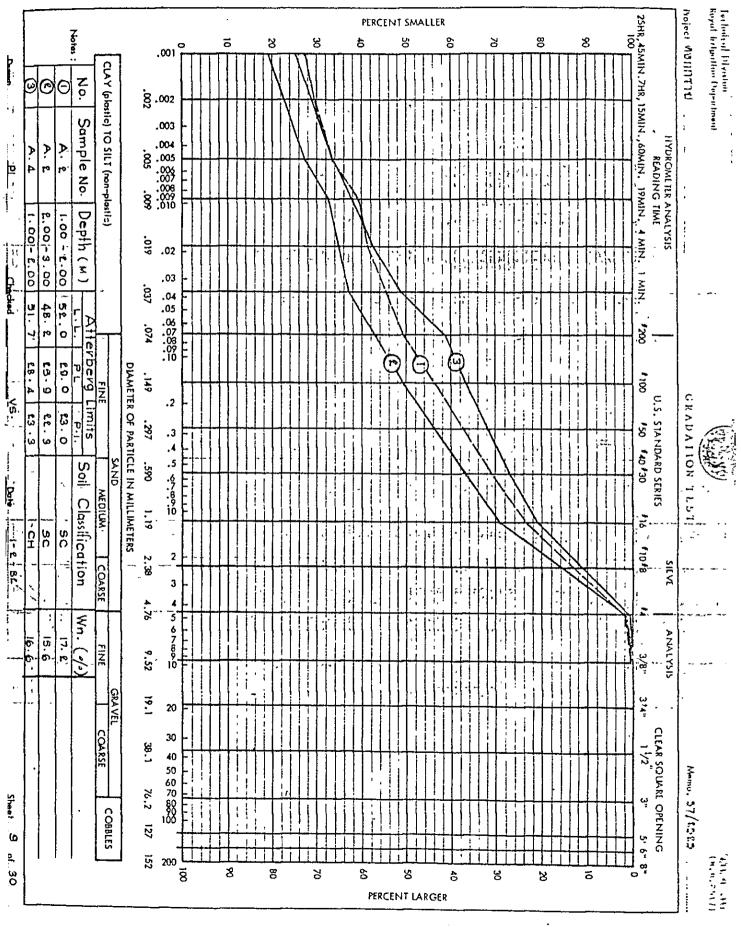


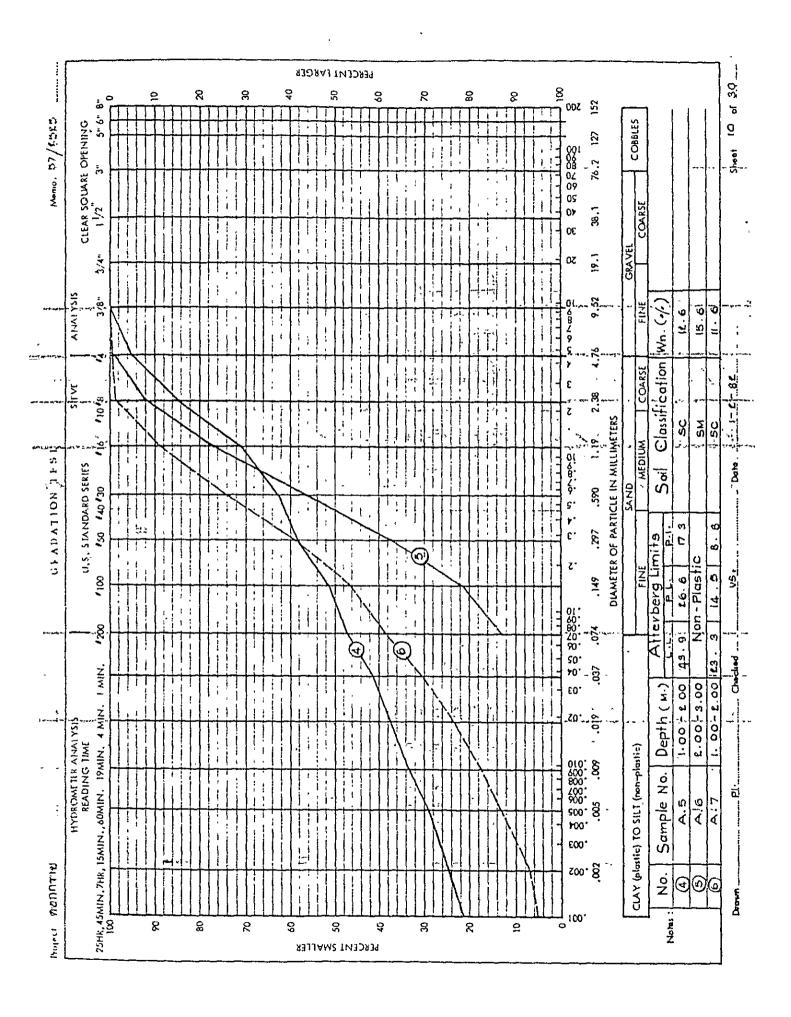
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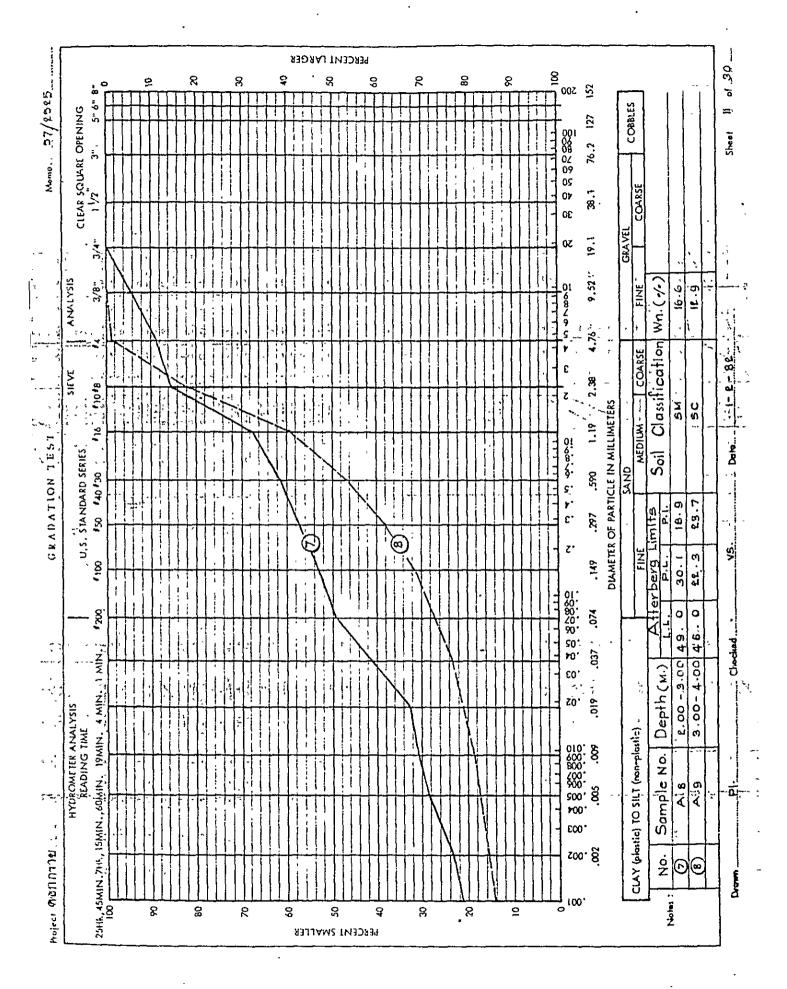


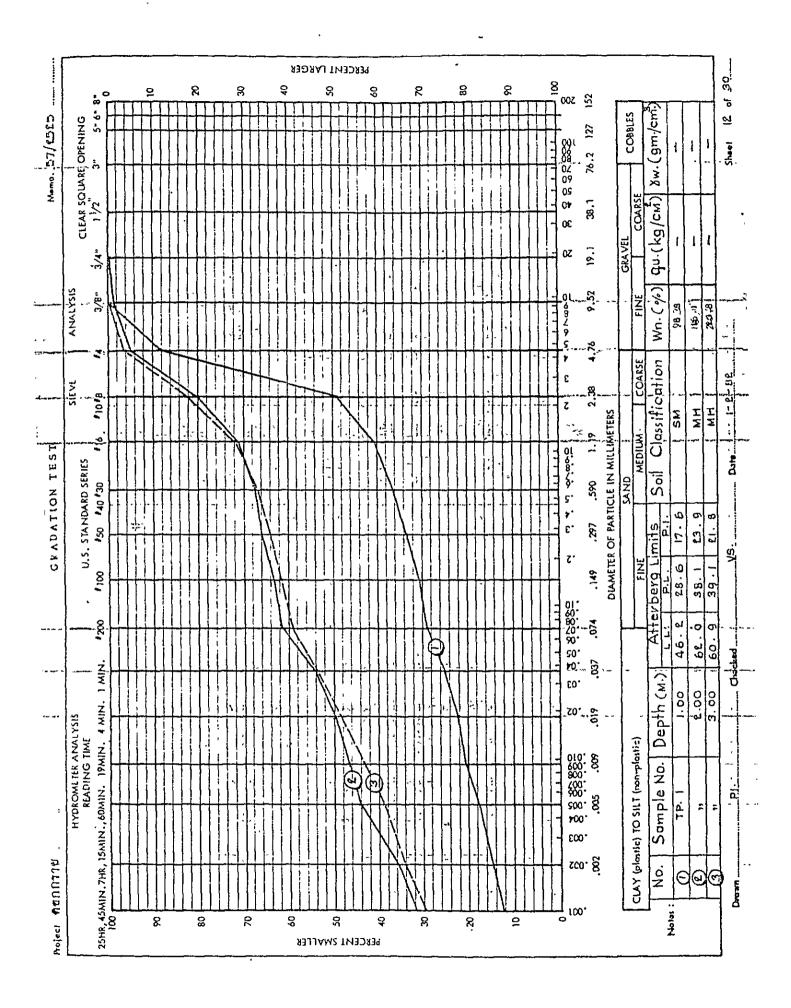


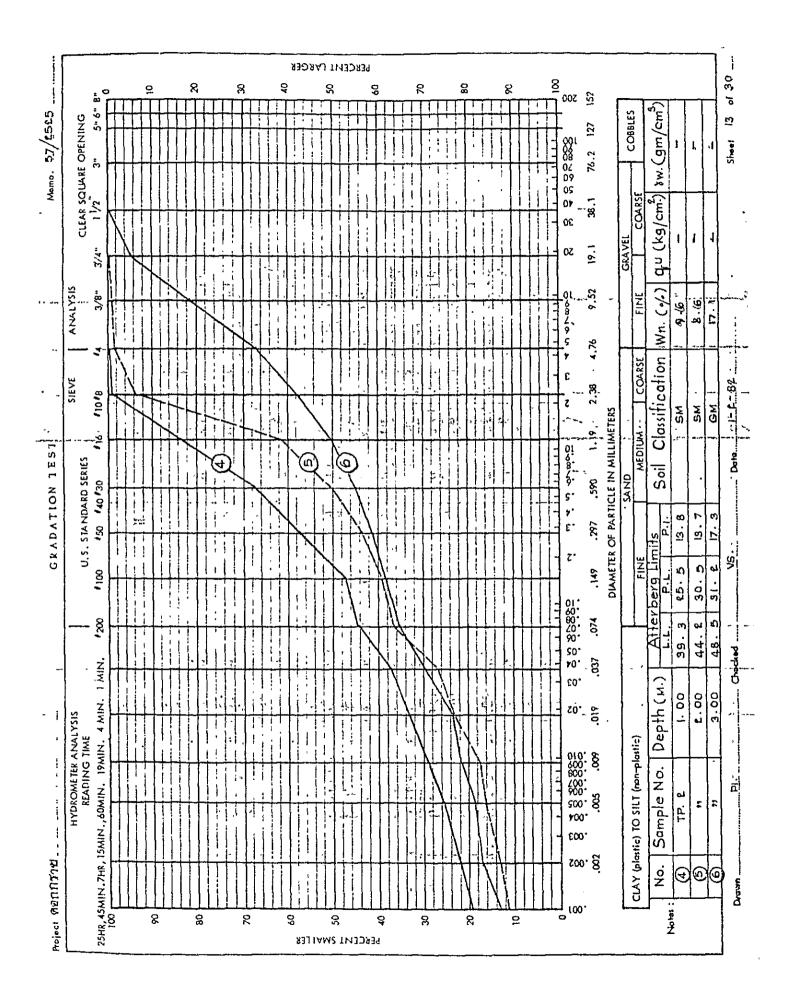


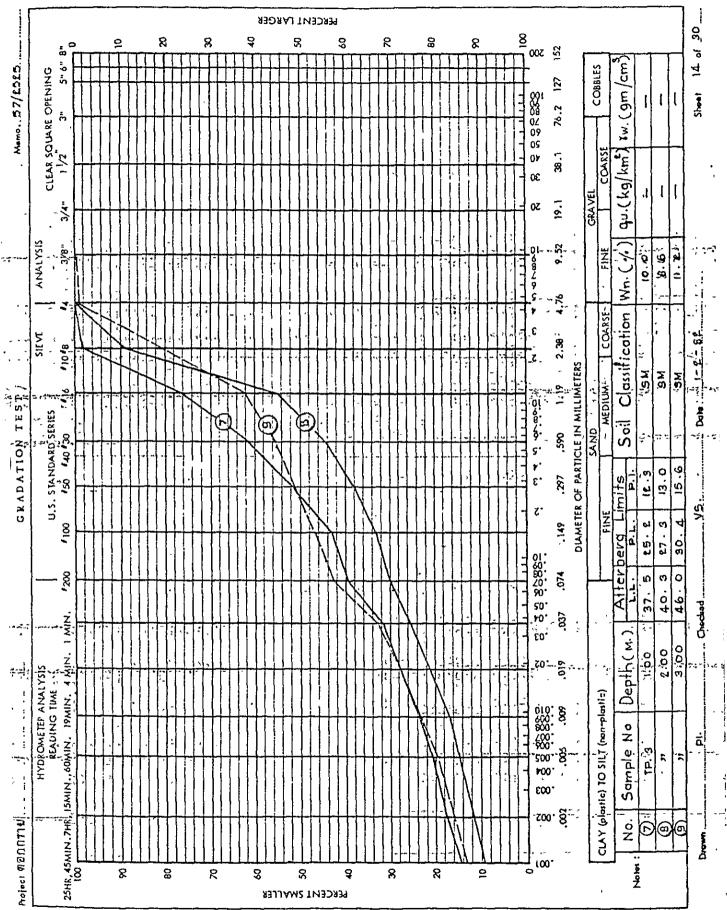




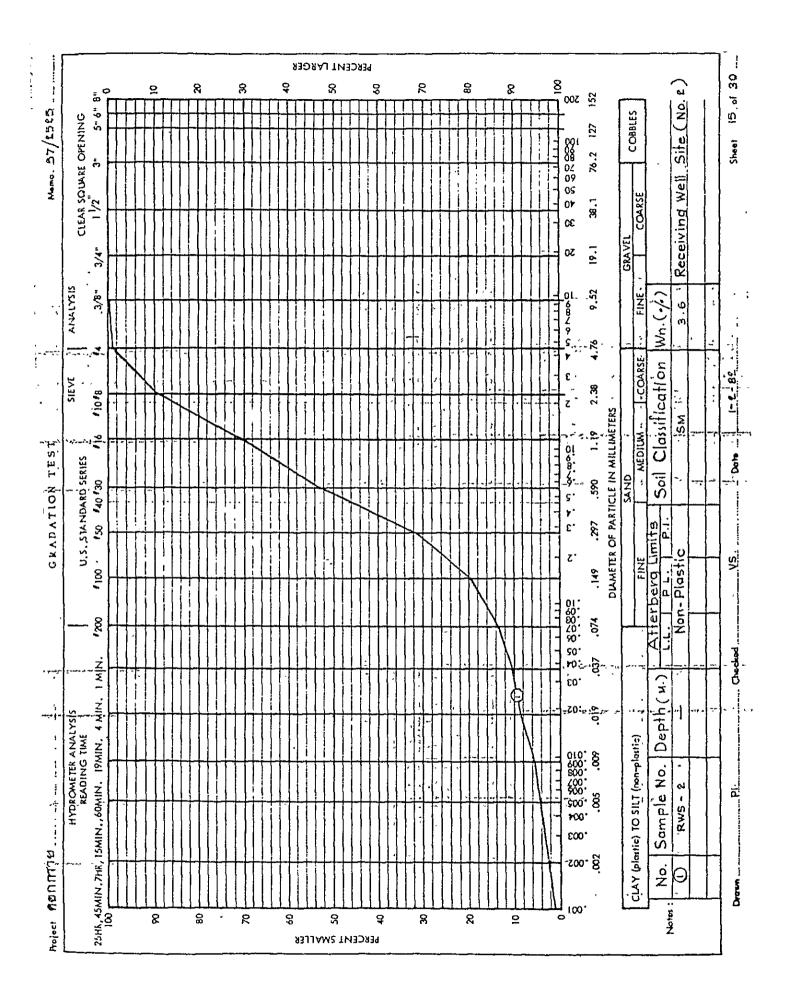


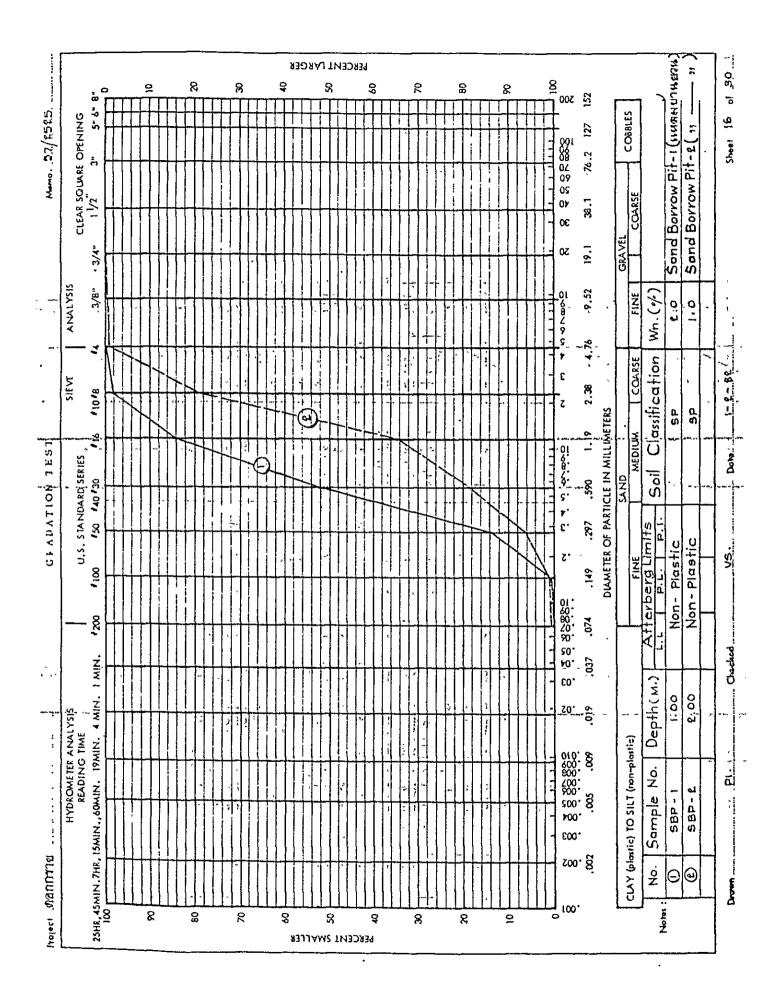


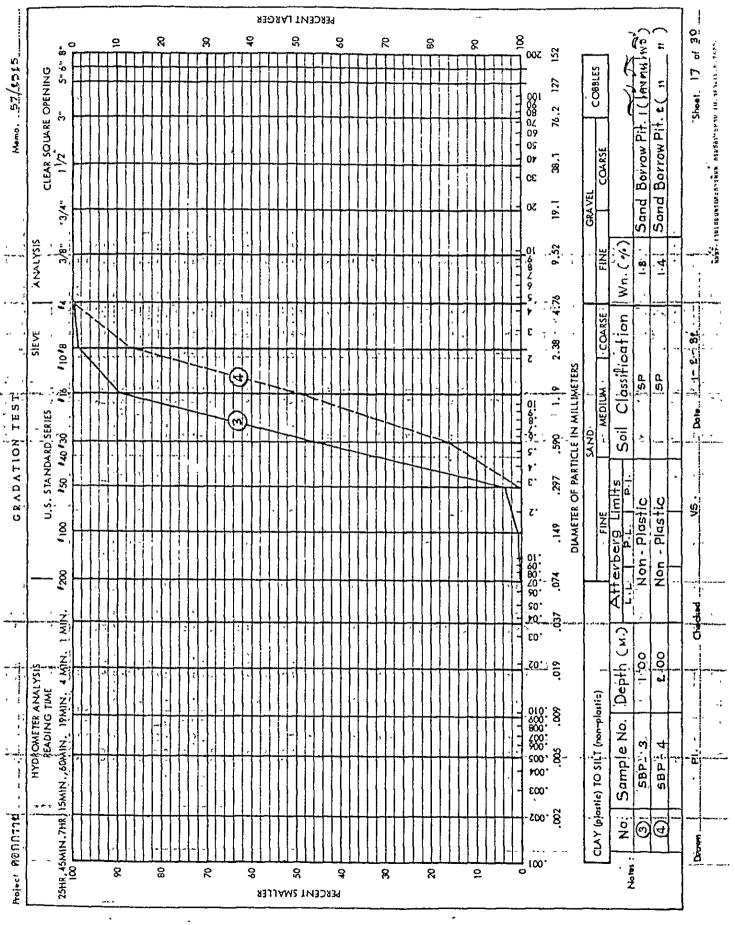


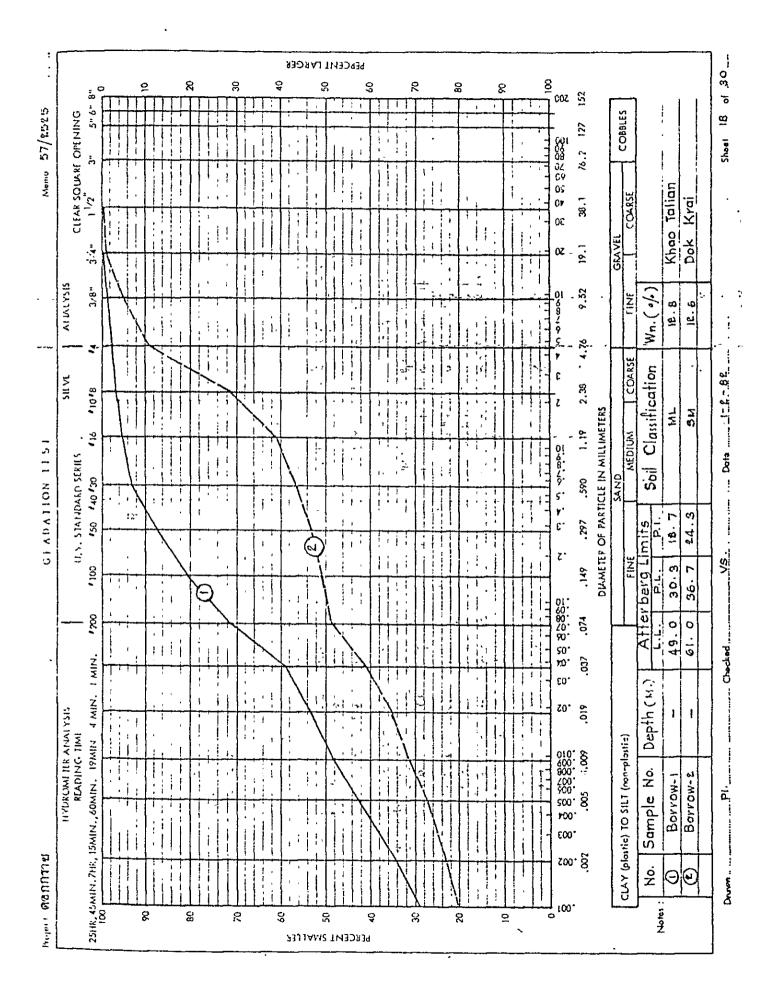


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Report on Soil Analysos

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Project : DOK KRAI TO HAB TA PUD ROYAL JURIGATION DUPARTHENT

RESEARCH AND LABORATORY DIVISION

Lab. No. 4/2525

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Soil Chemistry and Physics Laboratory Soil samples from Dok Krai To Nab Ta Pud in the East Coast for the pipeline system (JICA)

			10 1101	T on a pr	IN THE FAST COURT FOR THE PIPELING		system (JICA)			
Lab.		Field Description	on	Ηđ	Lab.		Field Description	u		
5ample	Zone	Location	Depth		Sample			Depth		
<u>.</u>			(m.)	Paste	No.	Zone	Иотараот	(==)	Paste	
161	D11-1	Intake Tower	1.60-00	4.9	180	A-5	12k+360.1=16	1.00-	5+1	
162	DH-2	in Res.	3.00-	5•2	181	A-6	+ · ·	2.000	4.6	
163	DH-6	Caisson yard	5.00-	4.6	182	A-7.	+	1.000	.5.0	
164	D11-9	1k+524,L=14	<. 5.30 5.30	4.8	163	A6	i –	2.00-2	4-7	*
165	D1-110	4k+183,L=20	3.00-	5.1	181	A-9	12	3-00-1	4.6	
166	DIL-11	6k+242,L=17	2• 30 <u>-</u> 0	5.0	185	TP-1	1 -	1-00	5.1	
167	DH-12	6k+852,L=71	3•00- 6•'30	4.7	186	TP-1	6k+814, L=14	2.00	4.7	
168	pii-14	8k+487, L= 9	2.00-	6.0	. 491	I-dI .	6k+814 , L=14	3.00	4.5	
169	71-HQ	14k+310.L=24	3.00-	4•8	188	TP-2	15k+556,L=33	1.00	4.7	
170	Dii-18	14k+805,L=28	4. UU=	5.0	67T	TP-2	15k+556,L=33	2.00	4.8	
171	DI(-19	16k+686,L=26	5.00-	6•9	190	TP-2	15k+556,L=33	3.00	5.1	
172	D11-20	18k+280,L=26	4.00-	4.9	191	TP-3	23k+301,L=18	1.00	5.0	
1 73	12-110	18k+685.L=28	4. 00-	4.9	261	TP3	23k+301,L=18	2.00	5.2	
174	DH-22	19k+441, L=36	6. 40 <u>-</u> 0	4.8	163	TP-3	23k+301,L=18	3.00	5.1	
175	DH-23	20k+741,L=20	3-00-	5.0	194	No. 2	Receiving	1	5.0	
176	Dii-24	25k+514,L=20	5.00-	6.0	195	Sand	Lame Ban Yoan	1.00	6.0	
177	A-2	r. 2k+827, L= 9	2° 00 7• 00	4.7	196	роггом	2	2.00	5.7	
178	A-2	- 2k+827.L= 9	3.00	4. B	197	pits	Kong Ton Po	1.00	5.0	
179	A-4	9k+171,L=14	1.00- 2.00	5.1	198		÷	2.00	5.1	
ed lld	paste 1 wa	water saturated	soil paste.	te.						

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1 cm = 2.7 g: sail - , 022 811 Rel 11 - . . 024 Soil Chemistry and Physics Laboratory Organic Hatter 0.M % Method 1 Walkley-Black (wet oxidation) procedure as given by M.L.Jackson on p.219 in "Soil Chemical Bol 2 Barring St. Contra 0.1% wei 1.4 Lab. No. 4/2525 ٦, ; Report on Soil Analyses Organic 0.16 0-06 Extract Matter 0.17 0•05 × wo 12/2 NaCl g/100g Soil 0* 0008 0.0004 0,0009 sat. 0-0004 Elect. Cond. ECx10³ 25-3 ...| < 0-20 < 0, 20 Extract < 0.20 Chief, Soil Chemistry & Physics Laboratory. Analysis" Prentice-Hall, Inc. < 0, 20 Sat. set. % ົ **ດ**ເວ 23.8 26.0 25.3 <u>ئ</u> Paste. 6.0 ۍ•۲ ០ "ទ 5.1 lld. Reported by 1 Anansui Phalhanasoblin. Reviowed by 1 da-ou doministructure. 4. đ : 1- 00 Depth 2+00 1+ 00 2,00 RESEARCH AND LABORATORY DIVISION, Project 1 DOK KRAI TO MAB TA PUD ROYAL IRRIGATION DEPARTMENT Field Description Location Lame Ban Yoan Kong Ton Po ÷ Zone 196 berrow Sand pita Lab. 195 Sampl No. 197 198

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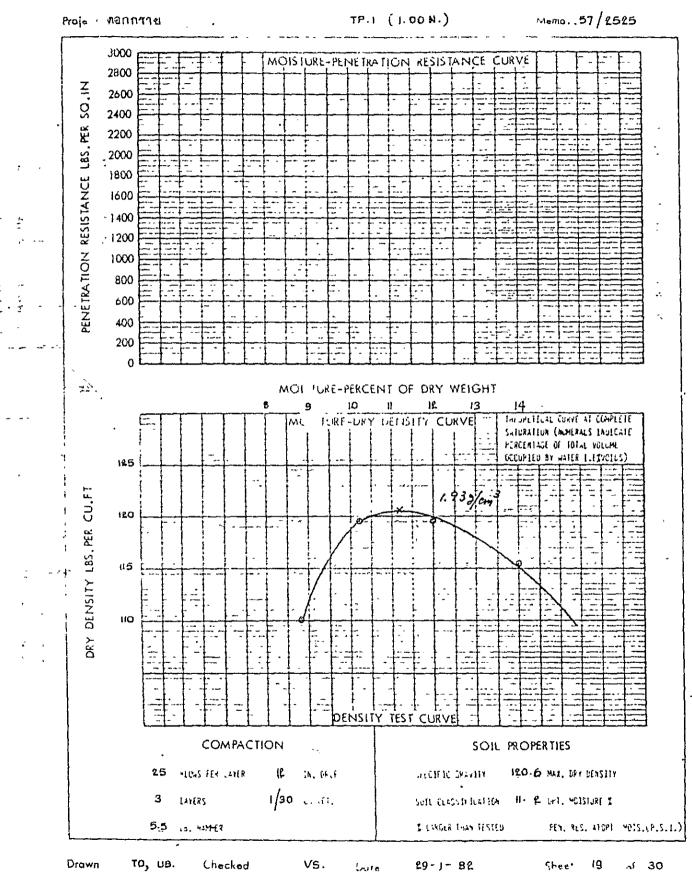
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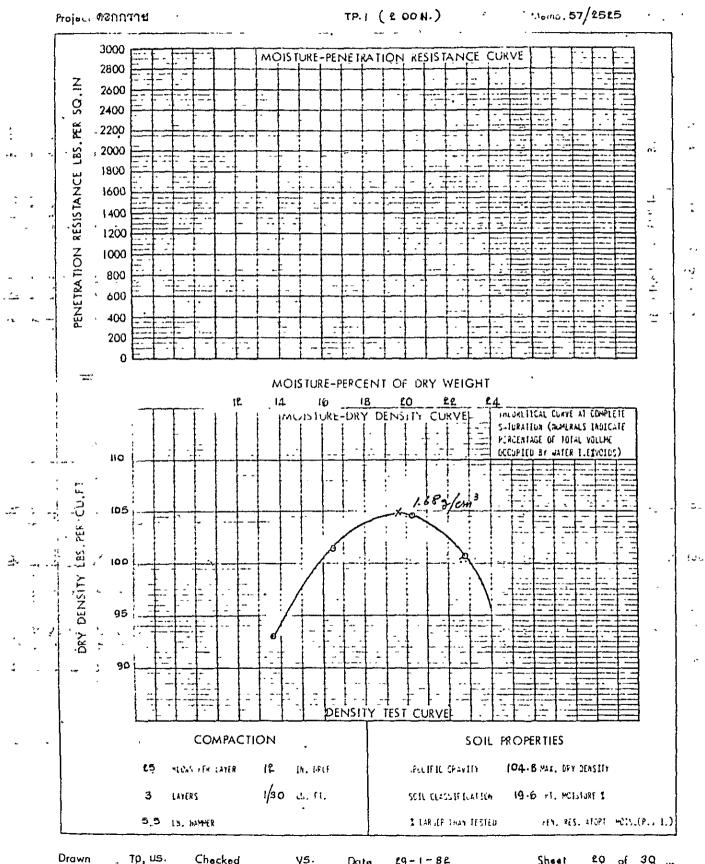


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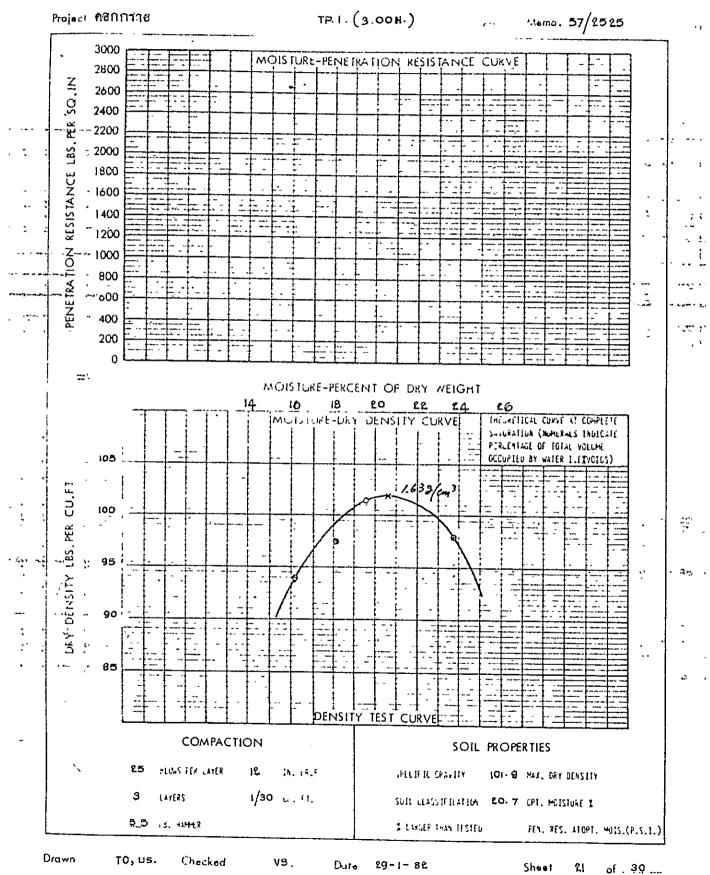
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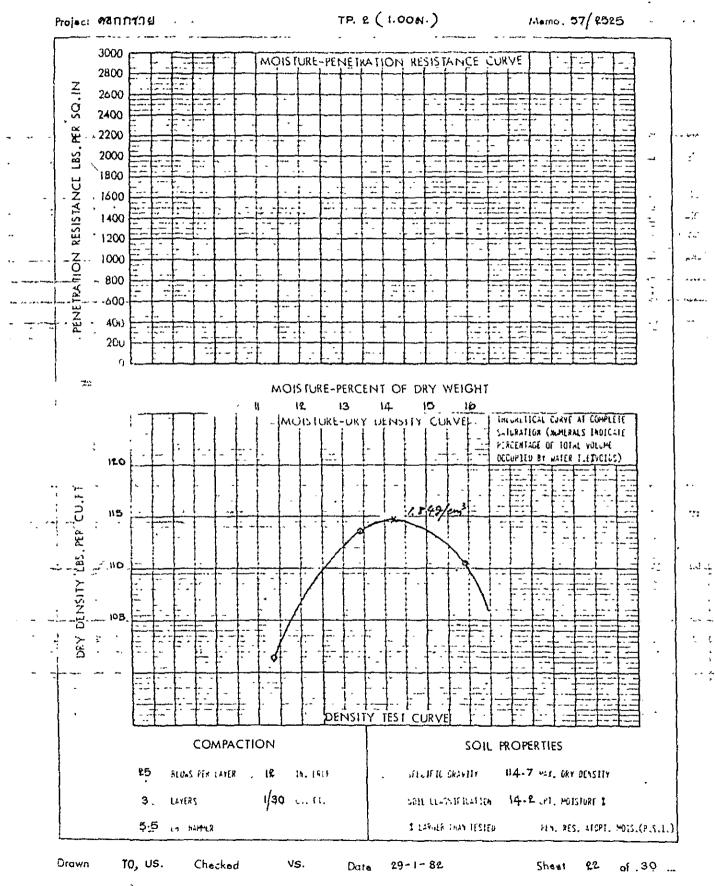
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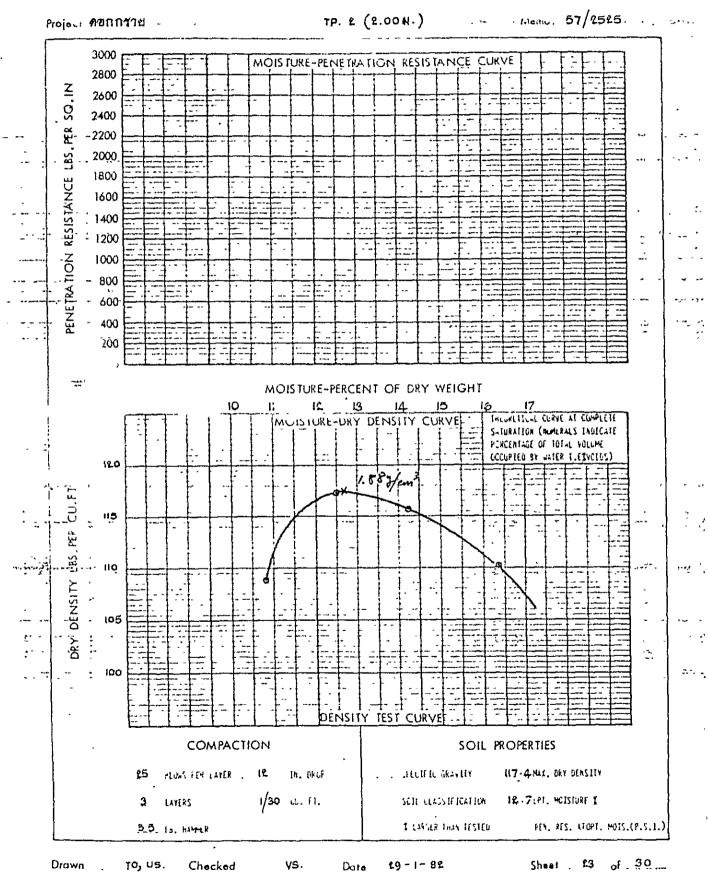
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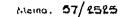


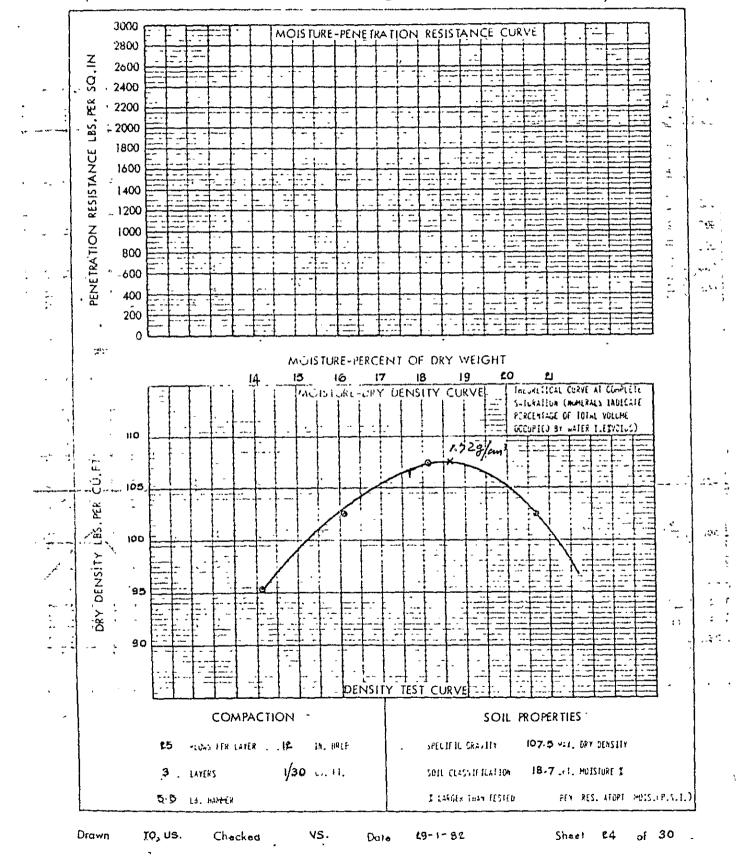
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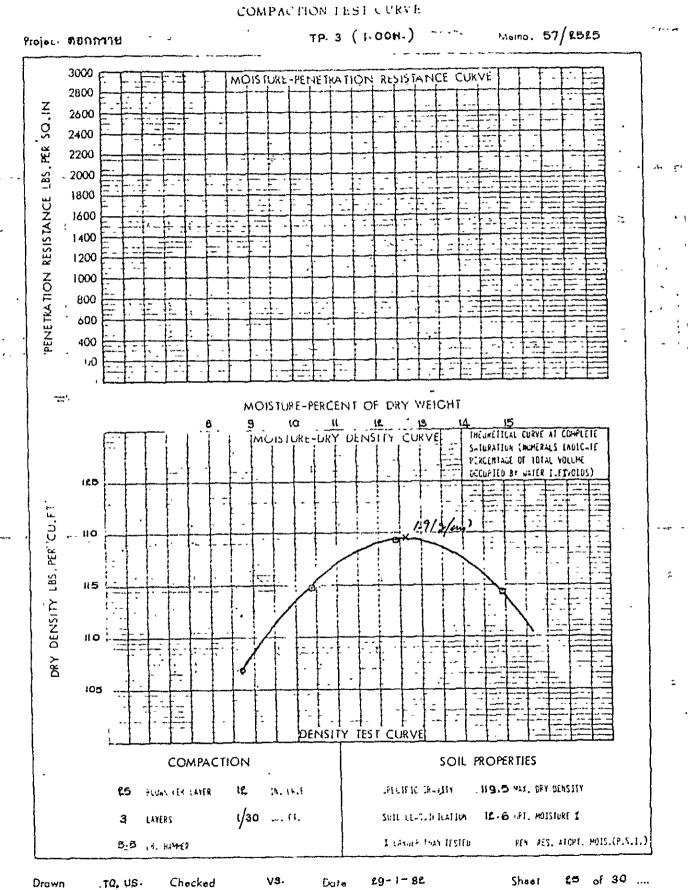


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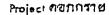


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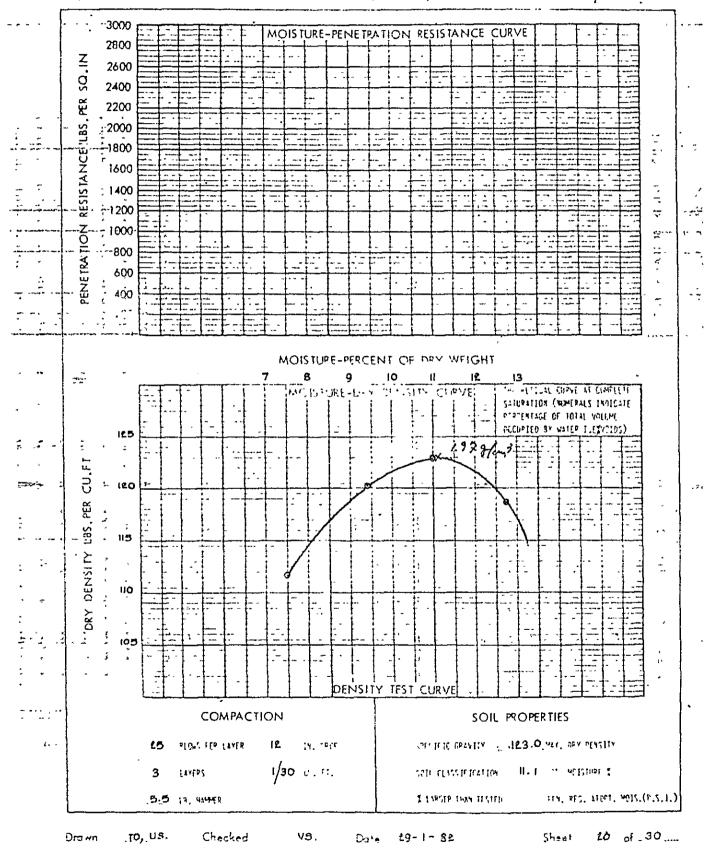
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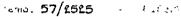
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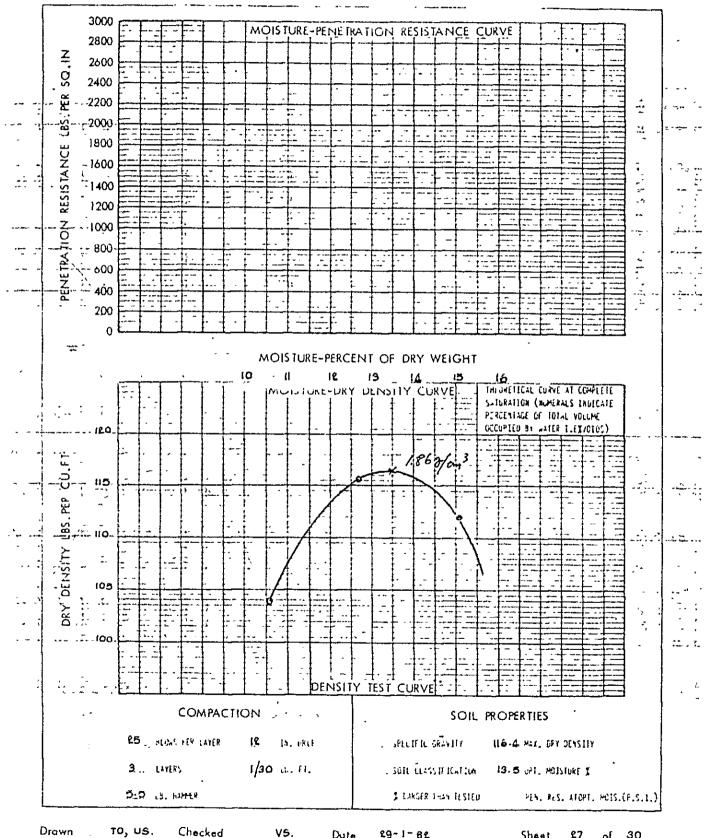
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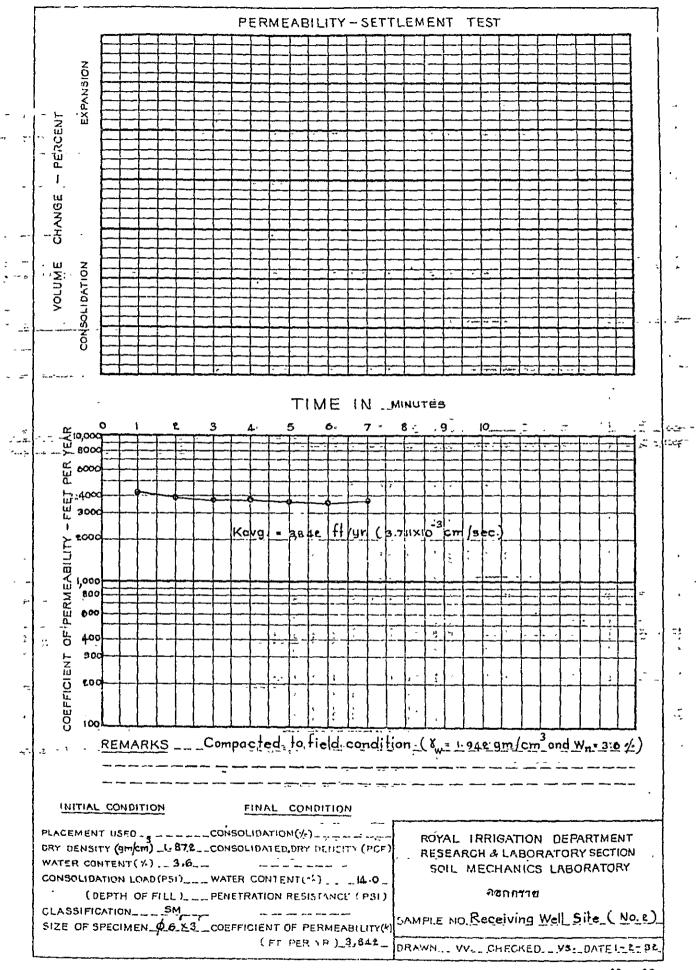




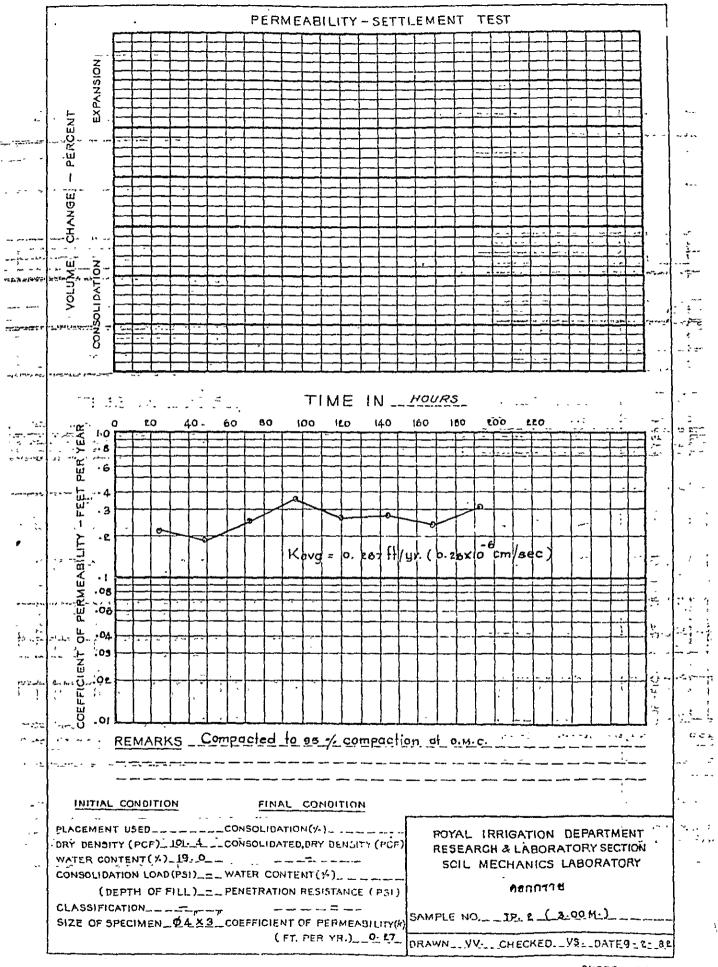
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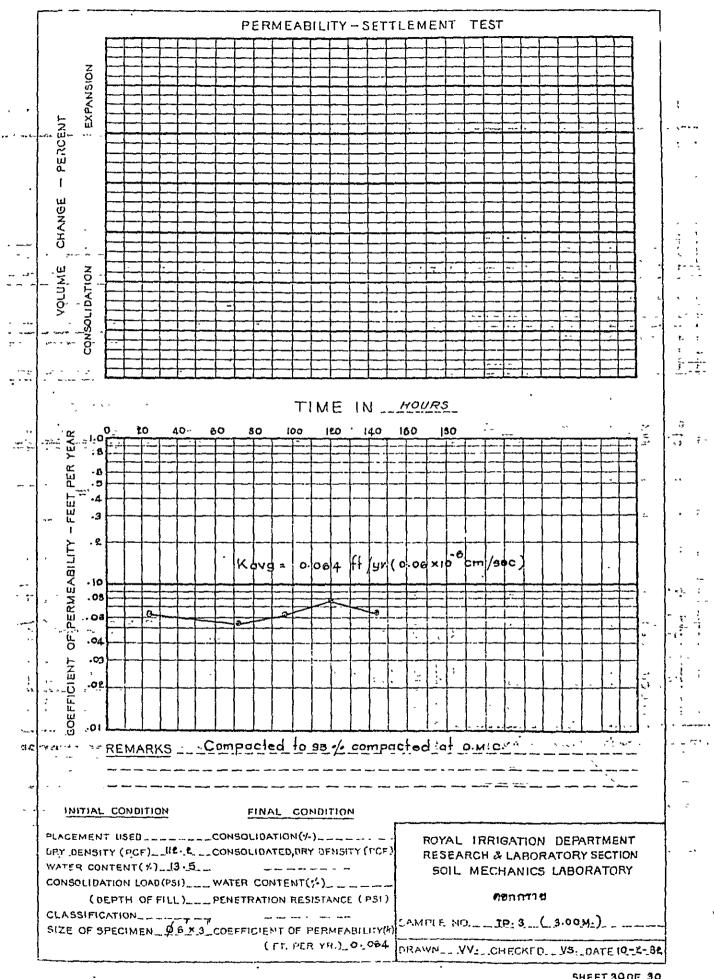


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ROYAL IRRIGATION DEPARTMENT

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CONCA DE & MADERIALS LABORATORY

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Lab. 110. $N = 42 C_1$

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Date : Feb. 4, 1932 Tested By :

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Project : THE FIPE LINE SYSTEM (From Dok Erai to Map Ta Pud) Sample : ROCK CORE DRILLS

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UNINIAL COMPRESSION TEST

Sauple	Depth m.	Dimension dialeter x height	Uniaxial Compression ksc.
DH-1	5.00 - 6.15	5.46 x 11.80	589
EH-2	5.90 - 6.00	5.46 x 6.00	303
	6.10 - 6.20	5.46 x 9.00	358
	7.50 - 7.65	5.46 x 10.20	580
Dil-4	9.00 - 9.10	4.16 x 7.12	184

ROYAL IRRIGATION DEPARTMENT

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RESEARCH AND LABORATORY SECTION

CONCRETE AND CONSTRUCTION MATERIALS LABORATORY

LAB NO. N - 42 02

4 care

DATE : January 28, 1982

PROJECT : THE TIP'S LIND SYSTEM.

- (From Bok Erai to Hap Ta Pud)

CHECKED BY

MECHANICAL ANALYSIS AND PHYSICAL PROPERTIES OF GRAVEL

Screen Size Retained on – %	GROWED ST.WE FROM DOK REAL	Specification Limits
		· . ·
75°.		
Specific Gravity		not less than
Abrasion by Los Angeles Machine Loss ~ %	<u></u>	not more than 50%
Sodium Sulfate Loss – %		not more than 12%
Absorption %		

Notes:

Form A-2

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