[3	rejet	i jisme	Tel	kai Hydro	-electric 1	over Develo	prens Pieject	Site No		100				<u> </u>
	Hele	Ю	LQ	-3(1)	Elevelion of (round Level	97.43 m	Ground With		0 m	Bis S			
	D.		Bag	inting	October 8	th , 1982	Operator	HAWZAH,	I		Cari		16 (NX)	
	<u> </u>	900	Esc	lag		th, 1982	Superviser	Tabull SUG	INOTO				0.09 1072	
	{\{\circ}	7						\$\$170 0 6 4	<u>. ко</u>	l	a Valte	(Ls)	00m 1072	5 m
	Element only	Depth (m)	rk of	Colour	Name of	Weathering	Yiiut]	Paterery R	100	Pera	(16/1) (14/2)	ly. K	Pestit of	318
	3 3	å	ž		Sample		Description	5		<u> (سا)</u>	y, 1	10 10	Pock Tests	3
0		+=						20 (0 (0 (0) 2)	រាហូស	(K) 1	197	1119	<u>}</u>	វិបិ
:	4			Brown	Sandy soil		Contoining organic material.	I WWY.						
	ا 😸	8 123	1.1				Including breccio	I WYYY I						
	1						ta a constant	I VYYYY.						
	4	15	Ÿ.	1				<i> </i>						
	4		· · · ợ					IXXXXXI						
	-		0				Soft.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1	
			0				Moinly sond	1.18888						
	-		0.	Вгоил	Tolus		with cloy	MMM			÷	Ш		
1 3	4		ø		deposits		Including breccio	MMI	<u> </u>					
5	4							MMI			•		∭ a lastic	
	4	į	· 0.				:	MMI	1111					1
.	-						:	I WWW.						
	1							I WWX.						
	90.5	6.50 3 £ 20	44	Peddish brown			ffeet and	I WWW.						
							Closey sond	TRVVVV.						
	1		1.4		Medum		feriote stored	IIYYYY.	ĭ					1
. .]		- 1	Whiteh	Quorizose	Ӊѹ҉	crock of 70,40,50	TYYXXX		- [a
	1	9.00		grey	sondstone	weothered	Joint of 30 with day	1 YXXXX						
	4			11.5			Medium hard	XXXXX					3	}
10	824	1000			.). x . 1	<u> </u>	to soft.	XXXXVV						
		10.30			C.O sonostone M.O. sonostone		Iron oxide stained		1111					Ся
1		10.00			Coorse		crock of 55°, 60°		4	i				
	86.0	uáo			sandstone		Crocky, Iron	WW					1	
	65.4	11.95		Light Grown	M quortzosa sondstone		රත්රe sloined cradic	1WW						
	1	1253	:11		Coorse quor Jzose sondstone	weothered	Medium hord	I WWW					iH .	Сн
1.	<u>}</u>	13.00			- 12.56 m		tron code stained crock at 40,50°	I VYXX			1			Q.
	•	e de la composition della comp			Sondy shale Joins of 40°	· •	Crocky. Irôn	1 Y Y X Y Y			1			
1.	43.43	1400			Maurizose sandslöne		oxide stoined crock	1 YXXYY	$\ \cdot\ $					
	1	1450		Brown			\$ofr.	MXXXY					H	
15	<u>j</u>	13.00		Light brown	Sholy sandstone		Iron axide stoned	RYYYY	55				(470-1490	
'	3.	15.50	3.5	Brown	SU KISTOTR	Highly neothered	Crock of 40,50,60 John of 60 with	<i>SYYYYY</i>					D= 5105	1
1	81.6	15.60			Sandy shale	2	iron exide	NYXXYY	\$1		i		ł	
	3 81.16	16.25	1	Ugʻil brown	Sholy streston			YYYYY			ļ		Н .	
1	1	The second	1. 1	Brown	Medium quartzose	.	Medium hard Cracky iron exide	I YYYY						1
1	79.01	17.50		Andrew Co.	sondstone		sloned crock	MAAA					H	
	4 1.0	17.90		Brownishpupk	Shole		Joins of 50°	IYYW						Ç.
-	}	- 1				Holy		MW1					H	
1		1200		Brown	Medium quorizose	weathered	Medium hard. Crocky	MM					}	
1 -	•				sandstone			MM1					}	
				Light brown	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Iron oxide stoned crock	MM1		.			}	
30		1.0.	<u>, </u>	th Quality	Designation			TIVYYY	Ш	Ш	للل	Щ	<u> </u>	
			. •	Rock Tast	Depth			1 14 4		251			edecki	
L					0:00	asily, Speci confined Co	men in Alr. (gef , mpression Streng	/ሩሴ [‡]) Ih. (XOI /»)		+ 41		.* -		ı
•	-						-184-						<u> </u>	

80 LIG	ing	October 8 October 17 Name of Sample	Highly weothered Highly weothered Highly weothered Highly weothered Highly weothered	97.43 m Operator Supervisor Visual Description Medium hard Crocky. Iron axide stained crocky Iron oxide stained crock Medium hard to hard crocky. Iron oxide stained crock iron oxide stained crock with clay	Recording (%)	H, JUR SUGINOT DOANO RQI (%)	Ingeor	Dry Delling Value. (Lu 1 ab [1 (1); K (10; m)	0.0% 1072 00% 1072
Exellar 30 yaww 20 Elg	ollows his brown rown all brown	October 17 Name of Shaple Occurrence	Highly weothered Highly weothered Highly weothered Highly weothered Highly weothered	Supervisor Visual Description Medium hard Crocky, Iron acide stored crocky Iron oxide stored crock Medium hard to hard crocky. Iron oxide stored	Recording (%)	RQ (%)	Logeon Peint (Ln) 10	Dry Delling Value. (Lu 1 ab [1 (1); K (10; m)	00 m 10 22
16 Mark C	hi brown	Name of Sample	Highly weothered to Moderotely weothered Highly weothered Highly weothered	Visual Description Medium hard Crocky. Iron adde stored crocky Iron oxide stored crock Medium hard to hard crocky. Iron oxide stored	2000	R Q (%)	Legeon Permi	Value. (Lu abjilly. K (ce/=) 1 10 1	Result of the following the fo
20 Lig	ht brown rown til brown	Staple	Highly weothered to Moderately weothered Highly weothered	Medium hard. Crocky. Iron acce storied crocky Iron oxide storied crocky Iron oxide storied crock Medium hard to hard crocky. Iron oxide storied		(%)	Perm (Ln) 10	1 10 1	% 9911 6 6 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
60 Ug	roun al broin	Quanzose	Highly weothered to Moderately weothered Highly weothered	Crocky. Iron oxide stored crock Iron oxide stored crock Medium hard to hard crocky. Iron oxide stored crocky.					
60 Uy	d brown		weathered to Moderately weathered Highly weathered	Crocky Iron oxide stoned crock Medium hard to hard crocky. Iron oxide stoned					
co Lloy			weathered Highly weathered	Medium hard to hard gradey. Iron adde stoined					
	() () () () () () () () () ()		Highly weathered	hord crody. Iron odde stoined					
							}		
]				
								to the Market see as	
		. !						Annual Comments	
		; ·						Prevalence Control	
									A Company of the Comp
				1 			A Company of the Comp		
							Harman Adams	A Company of the Comp	
	-								
	•	-	D i Bet Quality Designation Diff of Rock Tests Depth D: De	nte as part was Depth	nte as pare were Depth	nte as pare Tree. Depth	nte as pare were. Depth	nte as Base Trans. Depth	. A. A. P. B.

ſ	2 + 3 +	e.	Norze	1.	kal Hydr	-electric	Pover Deret	o cote	At Peatre		Site		-1-		•			
	Hel		No.	LQ	-4(1)	Elevation of	Ground Leve	,	107.72 B	_	Grand W		ــــــــــــــــــــــــــــــــــــــ		Quor 811			* 4
1		3 <u>3 -</u> 14		Bej	inting	October 13			Operator	\dagger	T. KŔI		٠	O D	Cis		16()	
L			ξάŅ	Es	itag		Ih , 1982		Seperelser	\dagger	Teteji ş	JG11			·		0.0m te	
		§	Ą.					Ţ		+	Shire O	<u>a a r</u>	LO	LEZE	on Valu		0.00 10	5.9 m
	3	\$	De peth (m)	Sample	Colour	Name of Sample	Pika dika - 1	Yi	4615-7		Recovery	î R	Qρ	Pera	(10/1	ily. K	80,11	. 3
100		3	å	\$	+ 1 11	0+3916	land the state of		Descriptiva		(%)		%)	(Ln)	10-1	10 1	Pock Te	** 18
. [3	167	.42	0.30	آم)	Brown	Clovey soil		W.S.	organic moteria	ъ	14 ()	عبر 11	118	{K}1	8° 13	; ;; ;;	1	\$9
	1	1							STATE STOPE OF	7	MM	11	${\bf H}$					
	1						11 -	Ver	y soll	1	WW	Ш		li				
	1		13.		Reddsh bro	4		1.54		1	MM		Ш					İ
-	3					Shofe		1	nly clay		VYYY		11					į
	1		3.00				Completely	will	h breccio	K	<i>YXXX</i> Y							
	1		1 (1) (1) (2) (3)				weathered	ļ .,		K	<i>YXXXX</i>	Ш					**	-
	103	72	100						ration (B.	١	$\mathcal{N}\mathcal{N}\mathcal{N}$	$\ \cdot\ $						
	1		i i		8:0m				and the first term of the fir	1	WW	$\ \ $		[#	
5]:	, [100	逶						1	WW							
1	1			交						1	MH	П	Ш					
	101	**	5 85			Charen shore		Froc	tured wine	K		Н						P
	1		100		Brownehore					K			Π					
	4		7.60	***						N	\mathcal{N}		\prod				1	
	100	67	7.65		Brown					N	MIII		Ш					
	-	╌	800					C.,	cky, Sofi	1	81111	11						
	4				Wellowish Brown	Shale	High	Tree	odde stored	1		21						
	90	72	900	4			weothereo	ćro		V	$M \square R$	18					#	Ci
	1	: 1	9.0	æ	Purpash brown	Cloyey stole			aured zone			II						D
ю	91	172	0.00			Sondy shale		wil.	k ol 40',60' i cloy	//								a
	1	1		爱				Fro	ered zone.	\mathcal{N}	N 11	П						
	1	ŀ			Purple	Shote			ry breccio	N	NN1	Ш						Ó
- 3	96	0	11.63	氢	•				h cloy.	N	NXXI II	þ			•			
1	1 .	27	, E		8rowash purple	Sitty share		Hor	1.5	N	$\mathcal{M}_{\mathcal{A}}$	Н	$\ \ $					
	1								occe stained cot 50,40335	N	$\mathcal{N}\mathcal{N}$		Ш					
'	1 54	34 1	320		Purple	Shore			Joint of 45°	N	$W\!Y_{\!\scriptscriptstyle m h}$							
1	1		14 00		* * * * * * * * * * * * * * * * * * *				un ford	N	WW	$\ $						
1					Purplishioney	Sondy shore	Moderately	Croc		N	W	Ы					1	a
15-	٠,	72	3.00				weathered		occe stoned kwith cloy	N	WW		{				H	"
	1		343		Antes prove			Ned	un hard ben	N	MM	И		į			H	
	1	L	8 00						stoned k of 60°	Ŋ	WW							
]			氢	Purplish grey	Sho!e			tured zone	Ŋ	WYY,						H	-
		L	200	Z					y preco	Ŋ	WYY,						}	a
			į	氢	Purple:				€lay	ľ	NYY\	Ŋ	╏┇┇				}	8
-)2 L	i ⊨	劉.	Se Stea	CANA.				Ŋ	WYY.	// ^						
-	- 53.	12 1	***		2 1 2 2	Sandy shale			rocky	N	YXXX	UL.					B30-3	
-	887		900	;		Fire sondstone			to medium . Iron oxide	N	YYYY	NY)					D: \$39	8
	***	4	• 3 4			Stolysonostine	weathered	stoin	ed crock	N	YYYY							Cx
io.	<u> </u>	Ļ	ŢĒ	• • •		Fine sonostone	3		0,40,60	N	WW] [1		1				
	17) 212			- 1	ik (ti) liy t Rosk Tejit	Death			. 				: : -			- 	check	
Į, <u>"</u>				• • • •	ne <u>st 18</u> 35	0:01	asity. Seech	ne A	la Air (get)	/ ¢	(A)	: <u>.</u>		*	e per		15 57	r , s :
٠		·			7 1 1 T		conlined Co		ssion Strang	Ti y	. CK91/	₹ m.*	1				L]

	+1+	Name an				over Develop Found Level	ment Project			er Quoriy .	
				lablug	October 13			Graved W		SIL SILE	36(NX)
	Dit			105	October 17		Operator Supervisor	and the second second	SHNAN		00# I+60
	Zienacion(m)	Depth (m)	Sample	Celeur	Name of	11.	Yisast.	Shire &	Pera	Ory Orilling Sea Value. (La) con billing, R (ca/sa)	
	(Z)	2440	ጀ	Brownish go	313pit		Description	(%)	(%) ((ည) 2) ဘုရာနှာ (K) (0 1 10 10	Peck Tepty
				eaverising y		(Associated	ord to medium hard Iron code stoined crock at 20,40,60			THE COLUMN TO TH	
1					6		Medium hard to sold Croky	MM			
ar and		23.00		Light brown	Fine sandstone		Iron oxide stoned crock with Limoria	W			
							Medium hard Iron oxide stained	MM			The state of the s
1	B2 72	25.00					crock of 20,60,40	MM		eren e la company	. No. of the second of the sec
		# # 1 # 2 # 3									The state of the s
				1							A CHARLES
		:			- ·					7.7	
-			:	+ <u>-</u>							
							er Bergeren ber				
-			- 1 - 1	:	* v 						
										To all the second	
	-					1					
		'					-				
*				-					1 2		ALL S
***************************************							-				
***********		-									
					-						and the second

P	ejset	Name	tel	tel Hydro	- electric 1	over Develo	paest Project	Site	Name I	16			<u> </u>
	Hele	No	LQ	-5(1)	Elevation of (Grovas Level	107.63 m	Ground V Level		9.0 n	Corry I	γ	
	ica: Dat	11/21		Saning		si , 1982		T, KRI		90 %		26 (NX)	
			Ess	ing :		th , 1982		Teleli S	VGIMOTO		Casing	00= 1+7	
	Clove tion(m)	2	ं <u>े</u> ५ स	s de la red deservação	<u> </u>		1 3 3 4 7 7 7 1	Shire O	GANO	luges	a Valce. (L	0.0n 1+4	6 a
Seale	13	per (m)	Samp?	Colony	Name of Sample	Weathering	Visual	Perotery	RQD	Pero	cablilty. I (ca/sp)	Kesuis or)cet
	ឆ្ន	Ā	¥.				Beseription	(%)	(%)	(1/5)		G Pock Tests	29
. 0	107.13		r r	Brown	Cloyey soil		Contagina accorde	20 (0 (0 R)	S) 10 (1) (8)	(K):			₽ð.
	1.	1.60		Redden brown			Contoning organic material	WW	┞╂╂╂	┨┇			
•	1	1.00				Completely	Very soft	XXXXX					
	1			Pur pliesh brown	Shore	weothered		XXXXX					
]	2.60					Clayey shale	<i>XXXX</i> }				I ∰	
	1	Sept.					Including breccio	XXXXX		li			
╽.	04.03	3.60		Reddish brown			1.	KXXXX	allI				
		₹ 2						ИХХХЛ	819				P
		10		Greyish	Shole		Very soft	XXXX					
3	[ouro!e	~~.6		Crocky.	(XXXX)					
.	102.13	3.50				High	Crock with cloy	(XXXX)					
	101.63	6.00		Bourish surpi	Sitty shore	weothered		YXXY					D
.				Grasia pupie			Soft	VXXXV					rear
-		7.00			Shole :		Crock of 20,50 with brownish clay	WW					a
-	100.18	7.45		Purplish grey			ackis, coj	WW					
-							Medium hord.	MM					
		The second secon		Brownsh		Moderately	Crock of 40, 70	WW					
-				ò,s.		wedthered	20, 30° vito	WW					Q.
1 -					Sity shale		brownish clay	WW	Mol				reor
10-	97.63	10.00	===	<u> </u>		- f x f		WW	144				Cx
		1		Greatsh			Medium hord.	WW					
-	3643	1720		brown		Higly weathered	Join of 40 with	WW	3[]				
	-10-3			Brownish grey	Shote		clay. Iron oride stoined crock of 50	WW					
	95.53	15 10		Brownish			Medium hard	WW	<i>,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	94.78	12.83		26.5	Sitty shote	Moderately weathered	Crock of 20,30°	WW					
	79.63	13 83 13 23					Fig. Co.	WW	<i>/</i> ///////////////////////////////////				6
		3		Pople		· , · · · · · · · · · · · · · · · · · ·	Medium hard.	WW	////\fs			1370 - 1385	5
	44					Holy	Lon cride stained	NNN				0:2297 E: 613	
15	2- 2	14.60		revaluable	Shole	weothered	crock of 10°, 30°	WYYY	/ 14				
~]	37-1	3 17	目				Crock of 50°	YYW	4			#	α
		4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -		Ange) O.e.			with clay	YYYYY					reor
	\$1.33	16 30	劃					WW					CFF
	1.5	17.00		statute			Medium tord	WW	///ist			#	
		12				Hkoly	Crock at 85° with	KXXXX					
4					Shote	weathered	cioy	<i>IXXXX</i>	22191				
4				Purp'e	A Company of the Comp	lo	Iron onde stoned	<i>XXXXX</i>					
4	201		当			Moderately	rock at 10, 80, 60	XXXXX					
	69 23 60 03	19.40	訓	Grb.	ne sonostone	weothered		XXXXX	XXXX I				
<u> </u>		<u> 20 00</u>	員	Purphe :	Shore .			XXXXX	<i>YYYY</i>				Ç.,
1.5-2	क्हें हुत र हैं के के के		•	eb Geille l Rock Testi	Desth	•		÷.				checke	
		******	. VI	***** 12 ⁵ 11	D I De	Asity, Specin	nen in Air. (418). Mpression Streng	(cm²)	idi Marie	÷ +	- 12 Port 1999	3 2 3 3	
							mpression Streng	IN: LK91	((M.)	· 		1	

Pro	Jeet	Neme	Tek	al Hydro	- electric P	over Develo	possi Projesi	Şise	Name .	Lon	er Q	DOLLA 4	Ared sessare
Н	1010	Nc.				rovad Level		Ground W	2 - 10	·		Site	
	Dit		Beg	inning	Ockster 1s	1 , 1982	Operator	T, KRIS	HNAN		Ç.	ı l'eğ	00m 1070m
	· ·		Ess	ing	October 11 f	h, 1982	Sopervitor	Tetuji \$ \$hire 0	VOIMOTO GANO				0.0m 10 4.6 m
Seale	Dom cionim	Depth (m)	Mark of Sample	Colour	Name of Sample	Weathering	Visus) Description	Recovery (%) 20-08-30-30	R Q Ó (%)	Pe ra (اردل)		7	Result of Section 1
0								XXX		1			
41	8518	2145		Purpsen grey	Shole		Hard. Crocky.				Š		Gy neo Gu
	85.43	22.20		Brownish grey	Silty shale	Moderotty	Iron oxide stoned	WW	81111				
				Dark grey	Sandy shole	weathered		XXXX					
	84.53	\$2.10					crock.	XXXX	W	A. 5	₹ :		-
				Dark grey	Silty shale		Joint of 35.º Clean joint	NNN	7 14				長春秋 1
	83 18	24.45 24.60			Fine sands too		61 35°	XXXX					
5	47	25.10		Light gray				WW			*		
		26.60				1.00	Crocky zone. Redun hord.	WW					
				Purplish grey	Shole	to a	5.8	XXXX					a
-				3 .0			Medium hord. Iron oxide stoned	XXXX					
	# (2)3	17.50			:		crosk of 60,50,70	* * * * * *		£2 **		,	\$ 27 PET \$ 1
		28.00						WW	<u>,,</u>				
				Ught gray	Silly shole	-	Crocky. Irom oxide stoiced	XXXX				er ur er	
	***					Moderately	crock.	WW	M			100	
0		29.70 30.25		Brownish giey	Fine sondstone		Hord Iron oxide	WW					
1	~	• • •	1111	Brownsh grey	Sandstone	: 1	110/160 COOK 01 40/50 Joint 01 25	XXXX			4	e de la composition della comp	3043-3063 CN
-	₩ 63	31.00	W					WW	W				Oc 217
11	7518	32.45	$\langle \! \rangle \! \rangle$	Greyish blue	Fine sondstone		Medium hord. Crocky zone				e Service of the		2 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -
lanı			1	Purplishgrey	Sho/e		Fractured zone				2		
				· Granger	S1=36 €		With breccia	WW					The second secon
		3440		Light blue	Share sondstane		Hord.	KKKK					
15-	7,63	35.00	(34)	-ya vive	SOURSHOLD		Dean crock of 85	4444	╂╂╂	H			
1			-							3 <u>1</u>	12 F		
											4 7 2		
						· ·							
1							= · · · ·						
					:	-	•						
				,	.1	·							
							•						
30.	L	2. Q.	D; R	ark Contify		L			Щ		1.1.	ЩЩ	akarka
Le	\$12d	Res	ell ef	Rack Test	DID	essity. Speci	men in Air.Cart	141033 3		. 4 + 3 *	3	2 (g)	
L_					N: V	Aconfined Co	mpression Stren	913. (Kof	/(m1)				

ļ	ijiel						piešt Proječi	Site		OABI	Quarry A	160	
	lele				Clevation of C			Greved W	-18	Òя	Bit Site	16 (NX)	*
9 1	Dit				Seplember 2		Operator	T. KRIS			Casing	00m to 6.0	0 m
			Ess	ikg :	September 2	71h, 1982	Sapervisor	Tetuji S Shire O	USIMOTO GANO	D	by Dellling	0.0m to 5.1	8 m
Seate	Zirva clonim	Depen (m)	Mark of Sampte	Čelour	Name of Sample	Weathering	Visus Deseription	Lecorety (%)	RQD (%)	(Fe twe		Result of Peck Tests	Sock Charification
O	103.19	0 30		Dork brown	Y : 1		Sondy soif.						$\stackrel{\sim}{=}$
11	10244 101.67 101.29	∓.€ 0	2.5	Brownish yellow Brown	Talus deposits		Containing argoric noteriol Sondy clay. Very soft.						:
	er e e de marido (1977)	en filosofie de de la companya de la				Completely	Very soil.						
5_	alien aan ja an jaga ah assaa	a de la composition della comp		Brown	Stote	weothered	Clojey.						D
111111111	9734	620		Brown sh yellow	Shole		Very soft. Crocky, Iron oxide stoined						
	93.49 94.79	8.70 9.30 9.50			Sholy sordstore Sholy sordstore Shole		crock with clay Soil Crocky Don'odde stored		3				
Ą		950 1035		Ugrt brown	Sondy shole	High	crock with clay. Iron cride stained joint of 40° Soft, Crocky Iron arise stained	WW		8 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8			a
		12.40		Brown	Shole	weothered	Crock with day Crocky sone with limbrite Medium hard Crock						
rltt.	6954	2.5		Purpish brow		1	of 50° with lamphite. Ismonite second crock of 40°, 60° Medium hord. Crooky, Iron						
5		2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		Greysh brown Purpish brown Ught brown	Međura Quorizose	Moderately to Highy	oride storned crock. Joint of 30° Hord Crocky.))) 22)			A	Cyr neo
	8639	16 90		Radio A	1665-1690m 1730m 1730m	heothered Holy heothered	Fron oride stained crack Hard. Fron oxide stained crack et 30°, 50°	XXXX	% [3]				a
		19.00		Brown Wheten grey	18 20m Ne dum sondstone Masonstone Cloy	# %	Medium hard Crocky, Iron oxide stoined crock Medium hard, Crody, Iron oxide				***************		сı
4.7	8349		DIR	Arisan gray cek Quality Rock Tas	0 + 0	estily, Speci	stored crock men in Air. (gr) motession Stren	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	N(W,)	<u>:]</u>		checks	

	jeet els						neat Project			Quarry Ar	eo .
	· · · ·			issisg		Stoud Level	103.49 h	Grapad Water		Bit Sie	16 (NX)
	Dat	•		ing	September 2		Operator	T. KRISHNAI			00a te 6.
1	3				September 2	7/IN , 1982	Sabetalest	Tekeji Sueim Shire ogan	Ø:_	Dry Delling	
	Elevation(m)	Depth (m)	Mark of Sample	Colour	Name of Sample	Weathering	Visus] Description	Recovery R Q (%) (%)	Perm	· · · · · · · · · · · · · · · · · · ·	Result of Rock Tests
1	e 2.49	\$100		Brown	Medium Quartizose sandstone	weothered	dedium hord. Focky, Iron oxide Hord. crock			7.12 to 1.12 t	<u>260+2075</u> De 2574
•		22.60 23.60		Light brown	22.50 to 22.55 m	weathered 1	l rón örlde stoined crock of 60,50,40	144444			A confidence of the confidence
1		23.50 24.00		Light brown	Coare quorizose sandsione Medium quorizose sandsione	weathered Is Moderately	lord. Crocky. ron öxide loined crock. loined crock of				Agos insulation of the
1	78.49	25 00	• • •	* *		terentéew	0, 60, 20,	MIXIN			7 19 1
-	4 .		•						111111111111111111111111111111111111111		
***************************************			-								
							. :				
				1.							
		-									
	ء ا	-									
				:							
: •				Rock Test	0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 : 0 :	sity, Specime	n in Air.(grf/	cm²) h. (Kg1/cm²)			checked

SUMMARY OF PERMEABILITY FOR BOREHOLE NO. L=1

	TESTING (**)	DEPTH	(M) (23)	PERMEABILITY (K)
(KG) K V MO	TESTING SECTION (M)	FROM	(75, 200) TÓ	(LUGEON VALUE)
26 July '81	5.00	9.70	14.70	4.1 x 10 ⁻⁴ / (32)
27 July 81	5.00 20 - 6	14.70	19.70	1.7 x 10 ⁻⁴ (13)
28 July 81	5.00 (5.10	19.70	24.70	3.7 x 10 ⁻⁴ (29)
8 Aug. '81	5.00 1975	24.70 %	29.70	1.9 x 10 ⁻⁴
9 Aug. 181	5.00 18444	29.70	34.70	0
11 Aug. '81	5,00 (4) (4)	34.70	39.70 (4)	1.1 x 10 ⁻⁴ (8.6)
12 Aug. '81	5.00	39.70	44.70	1.8 x 10 ⁻⁴ (1.4)
				: : :
				1

SUMMARY OF PERMEABILITY FOR BOREHOLE NO. L-2

DATE	TESTING	E DEPT	H (M)	DUDMOANTANA
	SECTION (M)	FROM	ТО	PERMEABILITY (K) (LUGEON VALUE)
7 Oct. '81	5.00	9.00	14.00	6.0 x 10 [™] (47)
7 Oct. '81	5.00	14.00	19.00	4.2 x 10 ⁻⁴ (33)
8 Oct. '81	5.00	19.00	24.00	4.3 x 10 ⁻⁴ (34)
9 Oct. '81	5.00	24.00	29.00	4.2 x 10 ⁻⁴ (33)
9 Oct. '81	5.00	29.00	34.00	2.2 x 10 ⁻⁴ (17)
10 Oct. '81	5,00	34.00	39.00 🚭	2.0 × 10 ⁴ (16)
	7 - 43			
			:	

SUMMARY OF PERMEABILITY FOR BOREHOLE NO. L-3

Carthias C	TESTING SECTION (M)	DEPTH	I (M)	PERMEABILITY (K)
ing in the second	SECTION (M)	FROM	TO	(LUGEON VALUE)
21 Aug. '81	5.00	3.50	8.50	6.8 x 10 ⁻⁴ (53)
25 Aug. '81	4.75	8.50	13.25	6.3 x 10 ⁻⁴ (50)
28 Aug. '81	5.00	13.50	18.50°	4.7 x 10 ⁻⁴ = (37)
30 Aug. '81	5.00	18.50	23.50	2.6 x 10 ⁻⁴ (20)
2 Sep. '81	5.00 ^(-1,69)	23.30	28.50	1.1 x 10 ⁻⁴ (8.6)
20 Sep. '81	3.80	29.50	33.30	2.5 x 10 ⁻⁴ (21)
23 Sep. '81	5.00	33.85	38.85	4.2 x 10 ⁻⁴ (33)
		:		:
		·		
				:

SUMMARY OF PERMEABILITY FOR BOREHOLE NO. L-4

DATE	TESTING	DEPTI	H (M)	PERMEABILITY (K
	SECTION (M)	FROM	ТО	(LUGEÓN VÁLUE)
29 Sep. '81	5,00	9.70	14.70	4.8 x 10 ⁻⁴ (37)
30 Sep. '81	5.00	20.00	25.00	3.6 x 10 ⁻⁴ (28)
1 Oct. 481	5.00	25.00	30.00	2.5 x 10 ⁻⁴ (22)
3 Oct. '81	\$.00	30.00	35.00	2.3 x 10 ⁻⁴ (18)
4 Oct. '81	5.00	35.00	40.00	3.4 x 10 ⁻⁴ (27)
5 Oct. '81	5.00	40.00	45.00	3.3 x 10 ⁻⁴ (26)
6 Oct, '81	5.00	45.00	50.00	3.2 x 10 ⁻⁴ (25)

SUMMARY OF PERMEABILITY FOR BOREHOLE NO. LD-2

CACTACHINA DATBAYA		DEPTH (M)		PERMEABILITY (K)
	SECTION (M)	FROM	TO	(LUGEON VALUE)
15 July 182	5.00	10.00	15.00 ^(%)	5.1 x 10 ⁻⁴ (39.7)
16 July 182	5.00	15.00	20.00	2.8 x 10 ⁻⁴ (21.6)
17 July '82	5.00	20.60	25.00	3.6 x 10 ⁻⁴ (28.1)
20 July '82	5.00 H = 25	25.00	30.00	3.0 x 10 ⁻⁴ (23.4)
27 July '82	5.00 (***)	30.00	35.00 ^{4/2}	1.6 x 10 ⁻⁴ (12.5)
29 July '82	5.00	35.00	40.00	1.1 x 10 ⁻⁴ (8.82)
30 July '82	5.00 (9.9%)	40.00	45.00	6.9 x 10 ⁻³ (5.38)
30 July '82	5.00	45.00	50.00	5.4 x 10 ⁻⁵ (4.20)
ing to the second se	: : : : : : : : : : : : : : : : : : : :	1971 P. F.		

SUMMARY OF PERMEABILITY FOR BOREHOLE NO. LD-3 (19 14 15 17 ALC.) NO.

DATB	TESTING	DEPTH (M)		PERMEABILITY (K) (LUGEON VÁLÚE)
	SECTION (M)	FROM TO		
16 July '82	5.00	5.00	10.00	3.0 x 10 ⁴ (23.3)
17 July '82	5.00	10.00	15.00	3.0 x 10 ⁻⁴ (23.7)
19 July '82	5.00	15.00	20.00	2.0 x 10 ⁻⁴ (15.9)
20 July '82	\$.00	20.00	25.00	2.8 x 10 ⁻⁴ (22.1)
5 Aug. '82	5.00	25,00	30.00	2.4 x 10 ⁻⁴ (19.0)
6 Aug. '82	5.00	30.00	- 35.00 113.	2.2 x 10 ⁻⁴ (17.0)
12 Aug. '82	5.00	35.00	40.00	1.5 x 10 ⁻⁴ (11.6)
14 Aug. '82	5.00	40.00	45.00	1.5 x 10 ⁻⁴ (11.6)
19 Aug. '82	4.00	45.00	49.00	9.4 x 10 ⁻⁴ (7.37)
	į		:	

SUMMARY OF PERMEABILITY FOR BOREHOLE NO. LD-4 (1)

OATB / 7/3	TESTING	PER DEPTH (M)		PERMEABILITY (K)
	SECTION (M)	FROM	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(LUGEON VALUE)
11 July '82	4.50	0.50	\$.00 ⁷ (3.7)	8.9 x 10 ⁻⁴ (70.6)
12 July '82	5.00	5.00	10.00	7.8 x 10 4 (61.2)
14 July '82	5.00	10.00	15.00	7.0 x 10 ⁻⁴ / (54.3)
16 July '82	S. 0 0	15.00	20.00	3.8 x 10 ⁻⁴ (29.8)
16 July '82	5.00	20.00	25.00	2.3 x 10 ⁻⁴ (18.3)
17 July '82	5.00	25.00	30.00	2.1 x 10 ⁻⁴ (16.3)
17 July '82	5.00	30.00	35.00	1.2 x 10 ⁻⁴ (9.21)
20 July '82	5.00	35.00	40.00	1.9 x 10 ⁻⁴ (14.5)
20 July '82	5.00	40.00	45,00	1.0 x 10 ⁻⁴ (8.04)
26 July '82	5.00	45.00	\$0.00	7.7 x 10 ⁻⁵ (5.99)

SUMMARY OF PERMEABILITY FOR BOREHOLE NO. (UD-4 (2)

Table . 5 . 9 . 8

DATE	TESTING	DEPTH (M)		DEDISEADH ITY (V)
	SECTION (M)	FROM		PERMEABILITY (K) (LUGEON VALUE)
27 July '82	5.00	50.00	55.00	3.0 x 10 ⁻⁴ (23.3)
5 Aug. '82	5.00	55.00	60.00	2.0 × 10 ⁻⁴ (15.8)
6 Aug. '82	5.00	60.00	65.00	2.1 x 10 ⁻⁴ (16.6)
7 Aug. '82	5.00	65.00	70.00	1.3 x 10 ⁻⁴ (10.4)
8 Aug. '82	5.00	70.00	75.00	3.2 x 10 ⁻⁴ (24.6)
10 Aug. '82	5.00	75.00	80.00	3.0 x 10 ⁻⁴ (23.7)
		1.74%	: : 축설: : : - : 축설:	
	:		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
			<u> </u>	

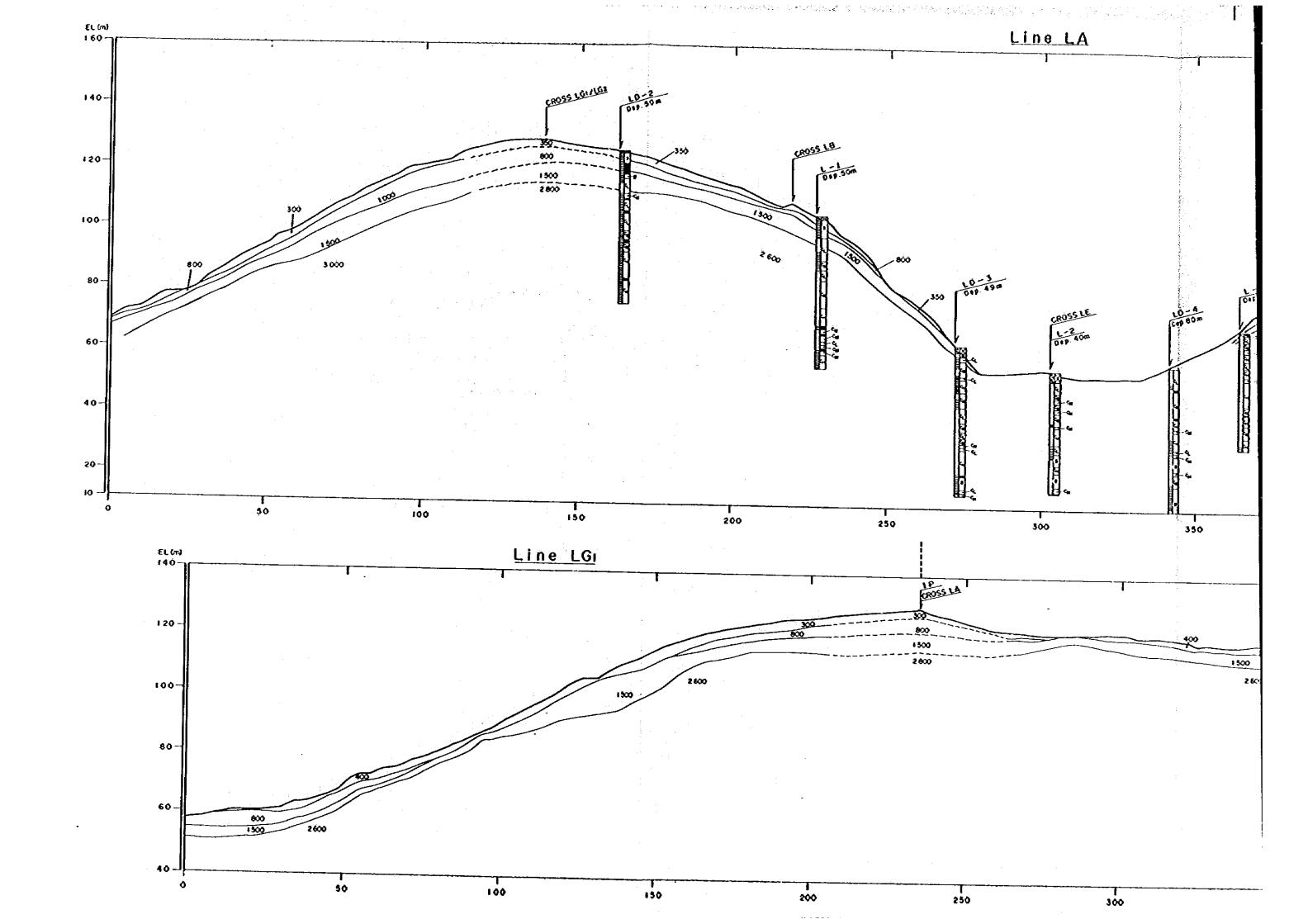
SUMMARY OF PERMEABILITY FOR BOREHOLE NO. LD-5

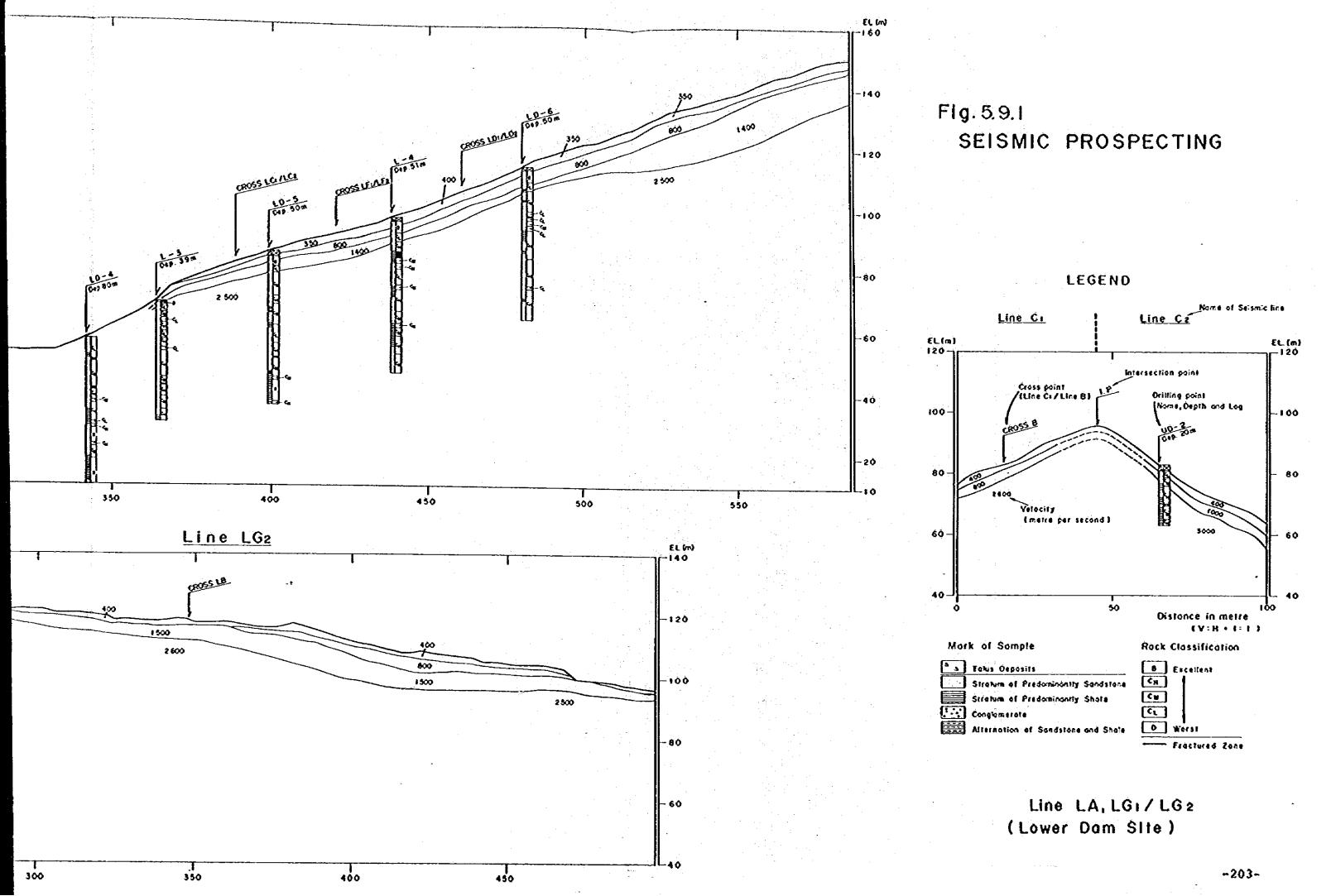
- (DATE #12 - 7 - (DDD, 7 20) -	TESTING	HE COM DEPTH (M)		PERMEABILITY (K)
	SECTION (M)	FROM	TO	(LUGEON VALUE)
27 July '82	3,00	7.00	10.00	2.5 x 10 ⁻⁴ (22.2)
29 July '82	5.00 09.8	10.00	15.00	2.4 x 10 ⁻⁴ (18.7)
30 July 82	5.00	15.00	20.00	1.8 x 10 ⁻⁴ (13.7)
30 July '82	5.00 (5.4 & 1)	20.00	25.00 ⁰⁰	1.4 x 10 d () (11.1)
31 July 82 👯	5.00 ^{(日本]}	25.00	30.00	1.9 x 10 ⁻⁴ (15.1)
1 Aug. 82 %	5.00	30.00	35.00	8.4 x 10 ^{-\$} (6.54)
2 Aug. '82	5.00	35.00	40.00	1.7 x 10 ⁻⁴ (13.4)
2 Aug. 182 11	5.00	40.00	45.00	6.6 x 10 ⁻⁵ (5.17)
3 Aug. 82	5.00 - 33	45,00	50.00 (47)	3.0 x 10 ⁻³ (2.36)
Ar er				

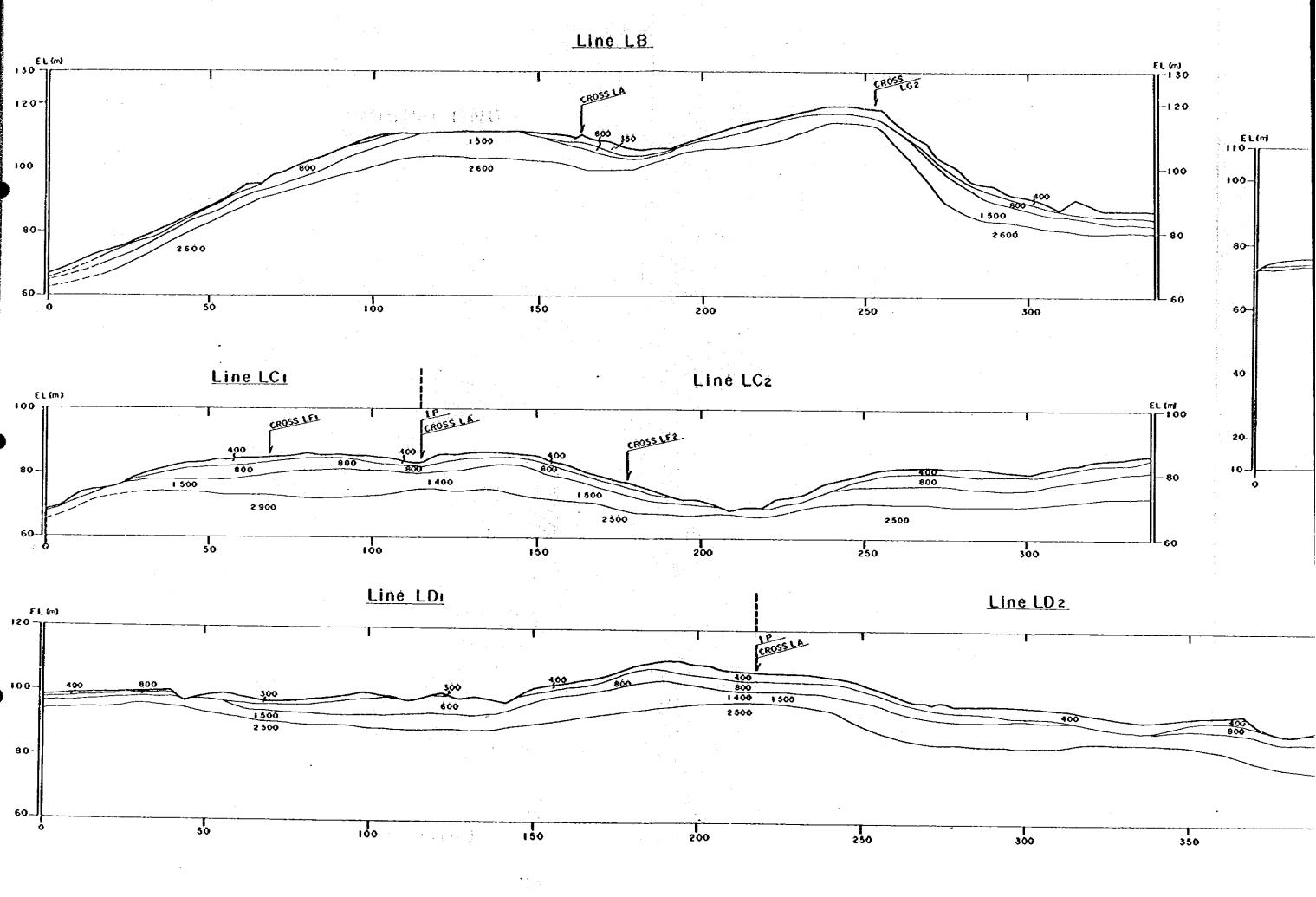
DATE	TESTING	DEPTH (M)		PERMEABILITY (K)
	SECTION (M)	FROM	ROM TO	(LUGEON VALUE)
17 July '82	5.00	5.00	10.00	2.8 x 10 ⁻⁴ (22.2)
20 July '82	5.00	10.00	15.00	2.1 × 10 ⁻⁴ (16.7)
26 July '82	5.00	15.00	20.00	2.8 x 10 ⁻⁴ (21.9)
26 July '82	5.00	20.00	25.00	1.6 x 10 ⁻⁴ (12.6)
27 July '82	5.00	25.00	30.00	1.6 x 10 ⁻⁴ (12.7)
28 July '82	5.00	30.00	35.00	1.3 x 10 ⁻⁴ (10.2)
29 July '82	5.00	35.00	40.00 ad a	1.6 x 10 ⁻⁴ (12.6)
31 July '82	5.00	40.00	45.00	1.5 x 10⁴ (11.7)
1 Aug. '82	5.00	45.00	50.00	1.2 x 10 ⁻⁴ (9.60)

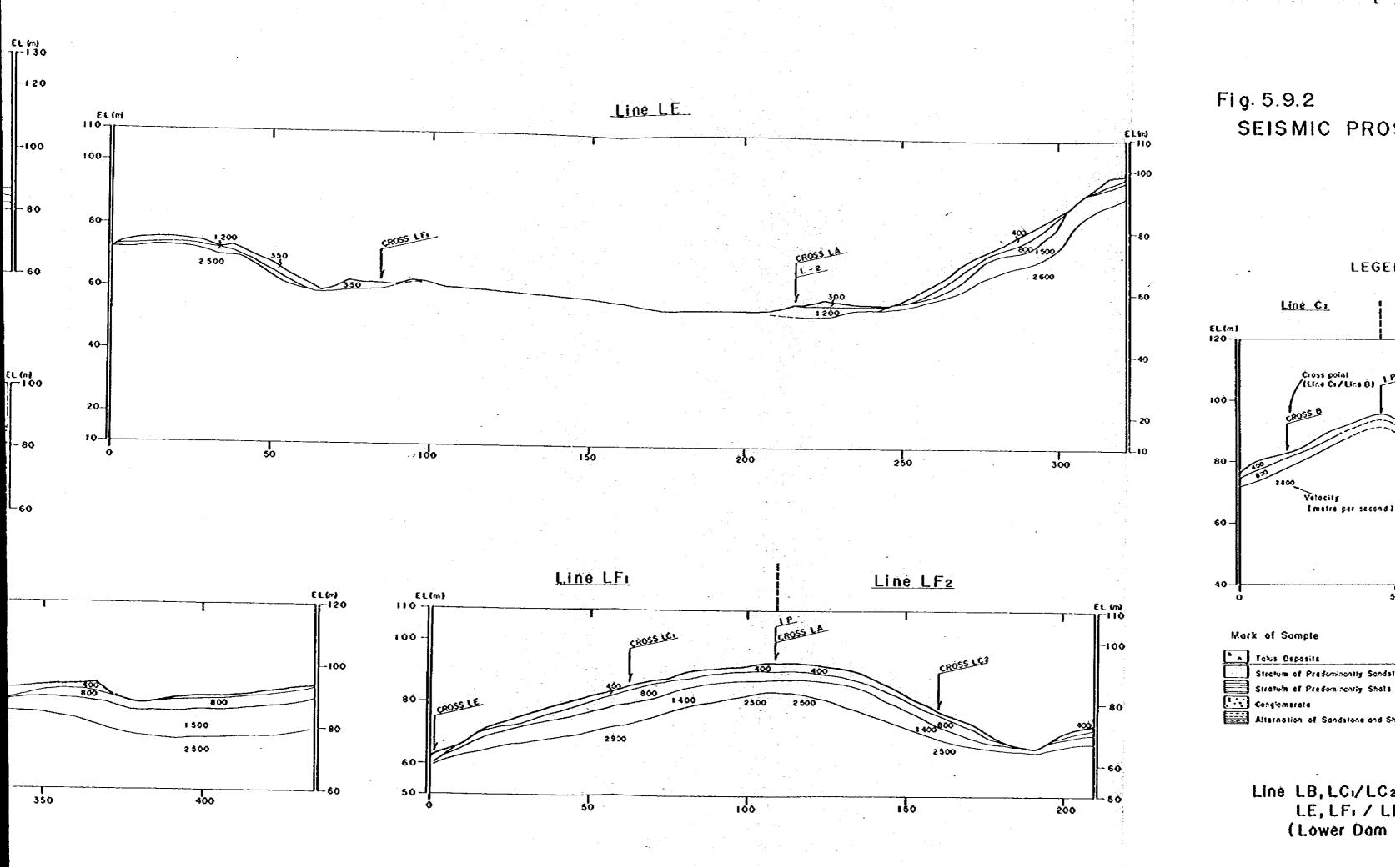
SUMMARY OF PERMEABILITY FOR BOREHOLE NO. LD-14

DATE	TESTING	DEPTH (M)		PERMEABILITY (K)
	SECTION (M)	FROM	то	(LUGEON VALUE)
2 Aug. '82	2.50	2.50	5.00	3.0 x 10 ⁻⁴ (27.4)
3 Aug. '82	5.00	5.00	10.00	2.6 x 10 ⁻⁴ (20.1)
4 Aug. '82	5.00	10.00	15.00	1.0 x 10 ⁻⁴ (7.80)
5 Aug. '82	5.00	15.00	20.00	2.9 x 10 ⁻⁴ (23.0)
5 Aug. '82	5.00	20.00	25.00	2.0 x 10 ⁻⁴ (15.7)
6 Aug. '82	5.00	25.00	30.00	1.2 x 10 ⁻⁴ (9.00)
10 Aug. '82	5.00	30.00	35.00	1.6 x 10 ⁻⁴ (12.3)
12 Aug. '82	5.00	35.00	40.00	1.5 x 10 ⁻⁴ (11.8)
14 Aug. '82	5.00	40.00	45.00	1.3 x 10 ⁻⁴ (9.84)
16 Aug. '82	5.00	45.00	50.00	1.0 x 10 ⁻⁴ (8.04)









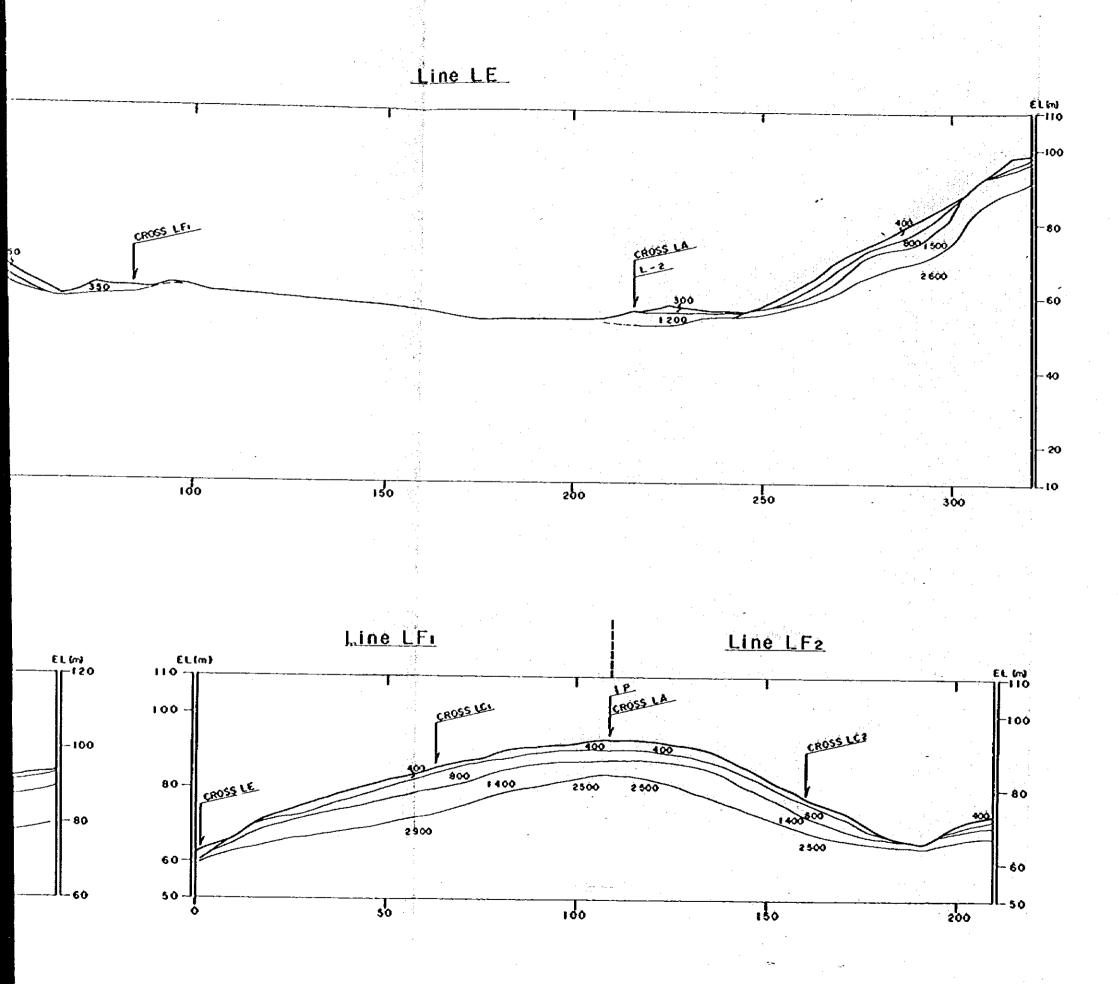
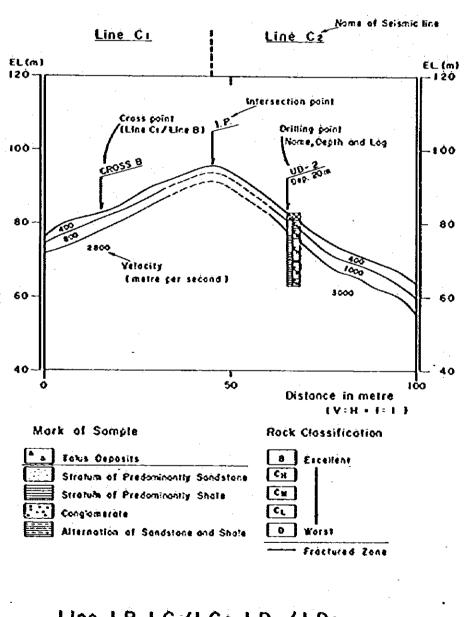
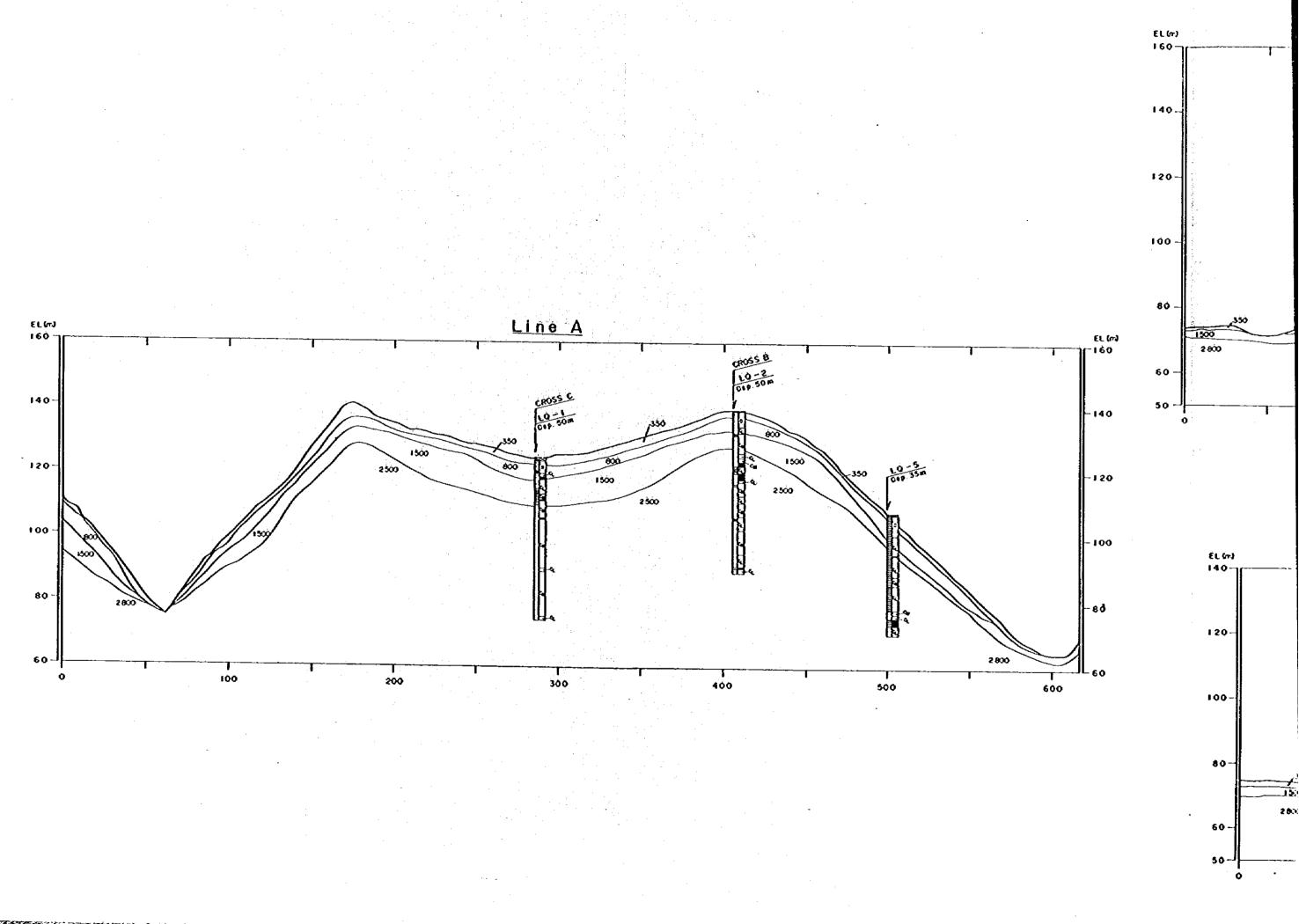


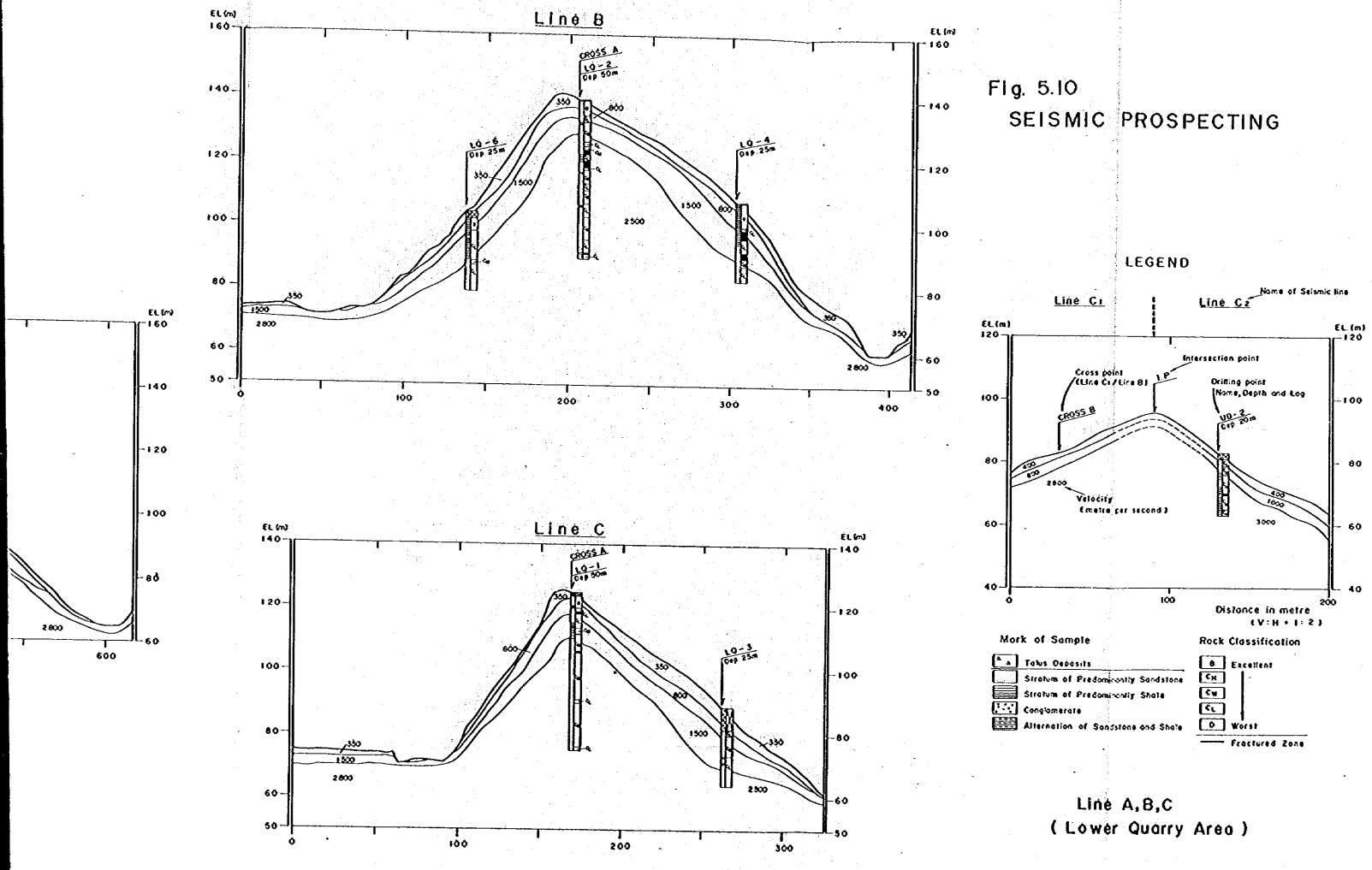
Fig. 5.9.2
SEISMIC PROSPECTING



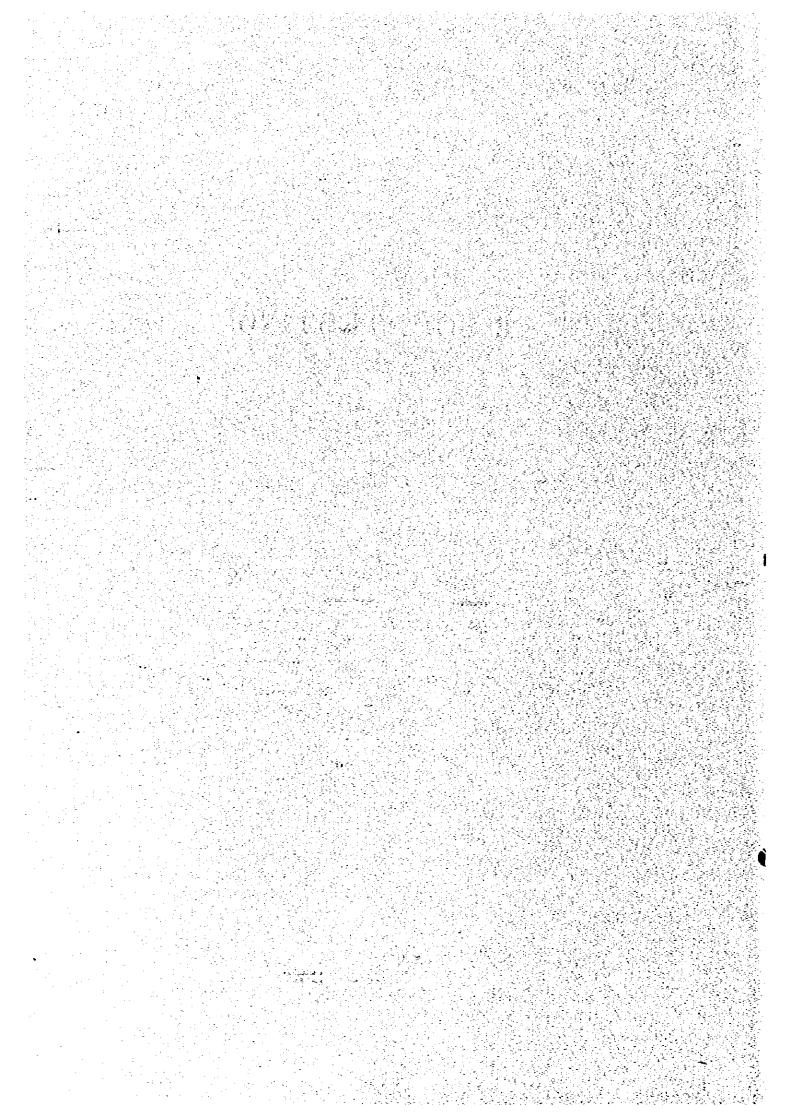


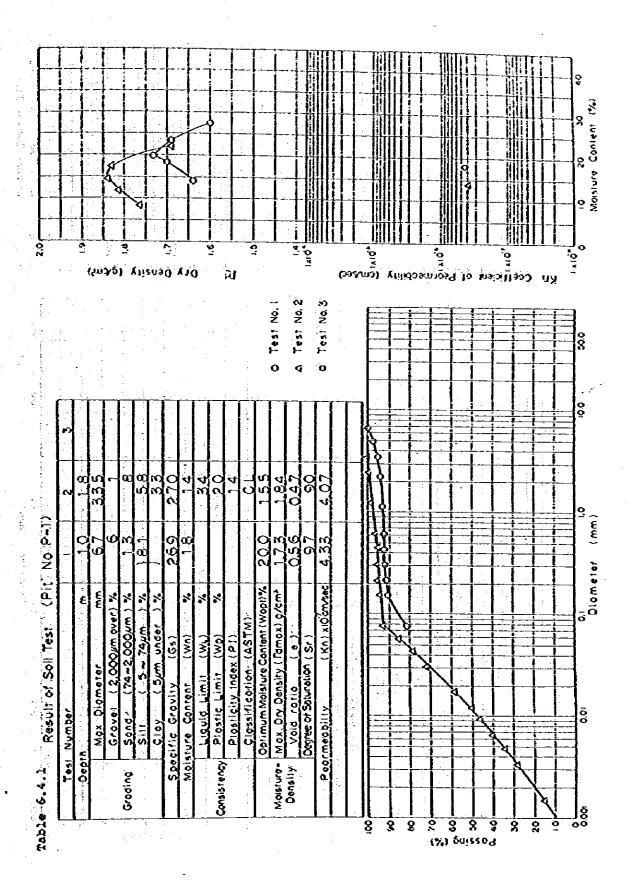
Line LB, LC:/LC2, LD: /LD2, LE, LF: /LF2 (Lower Dam Site)

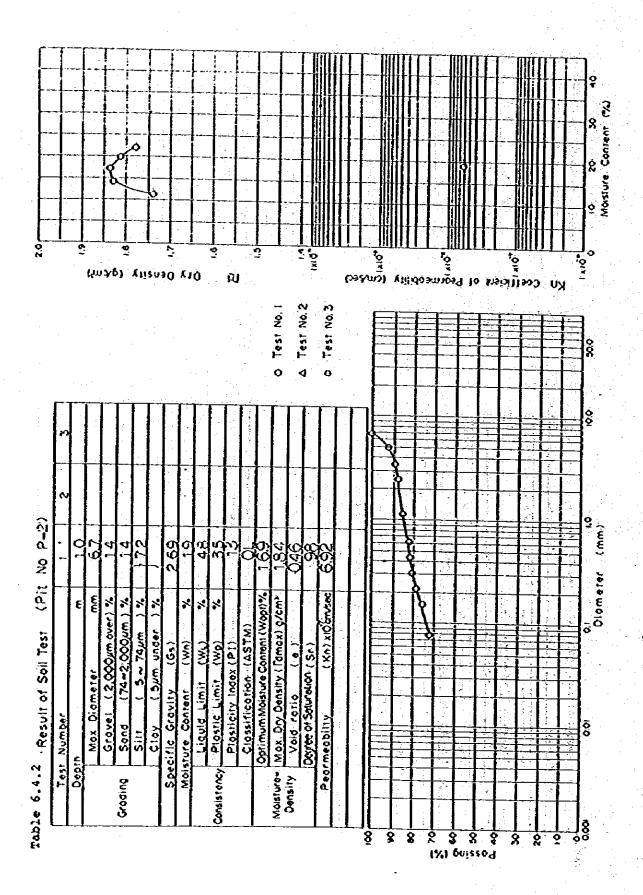


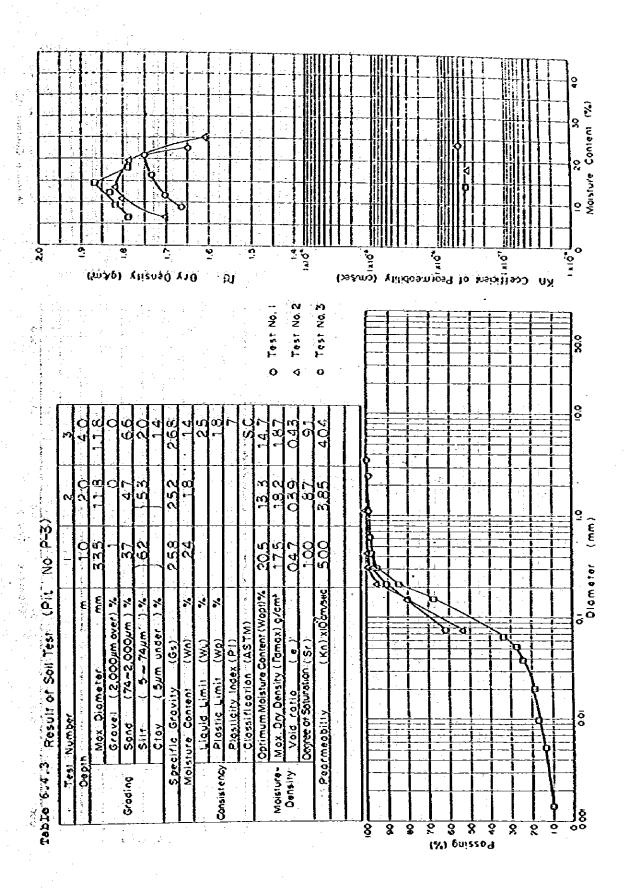


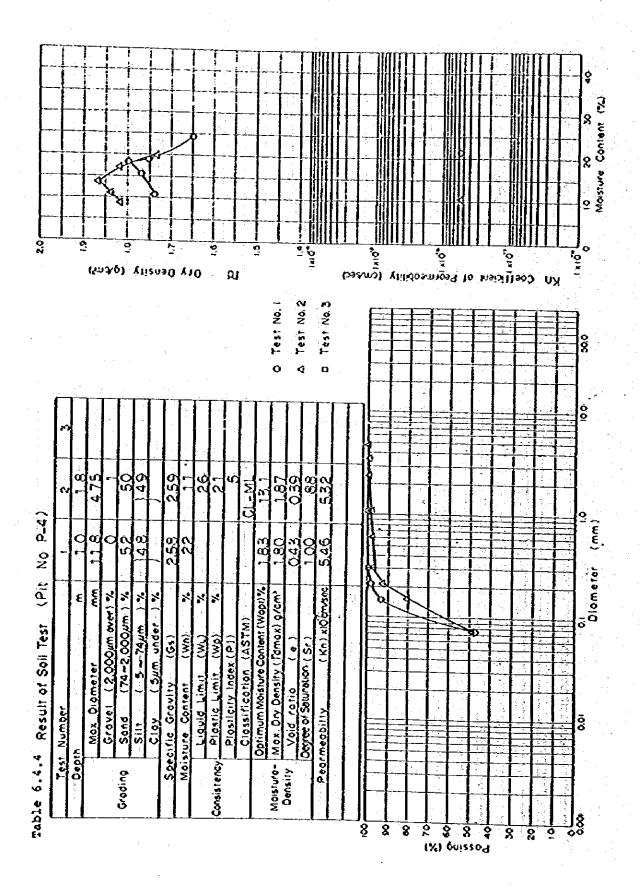
6 SOIL TESTING

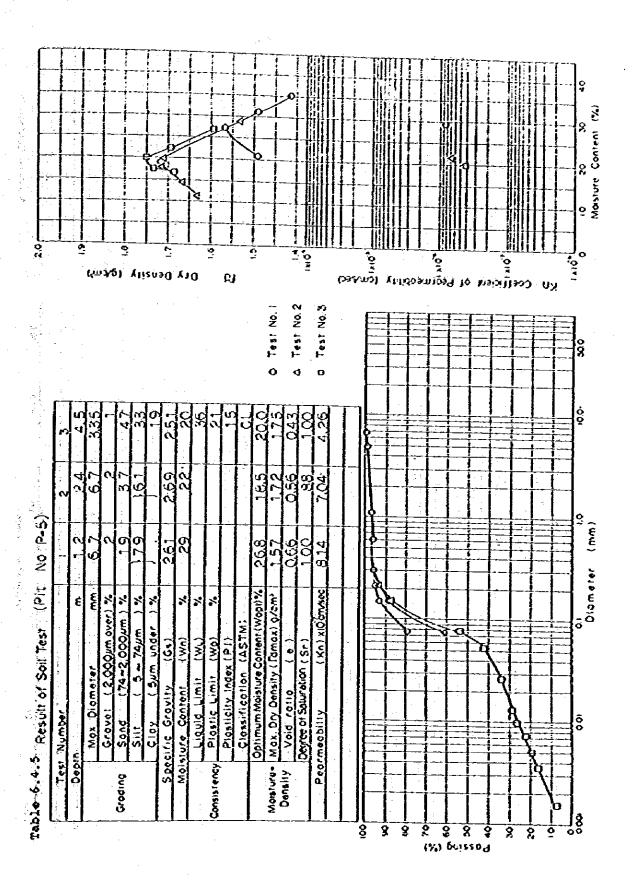


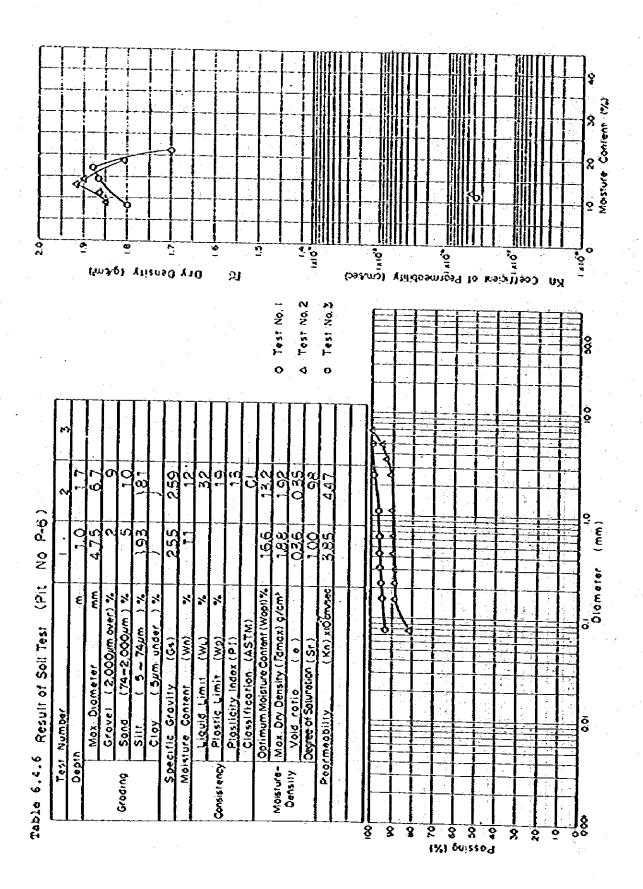


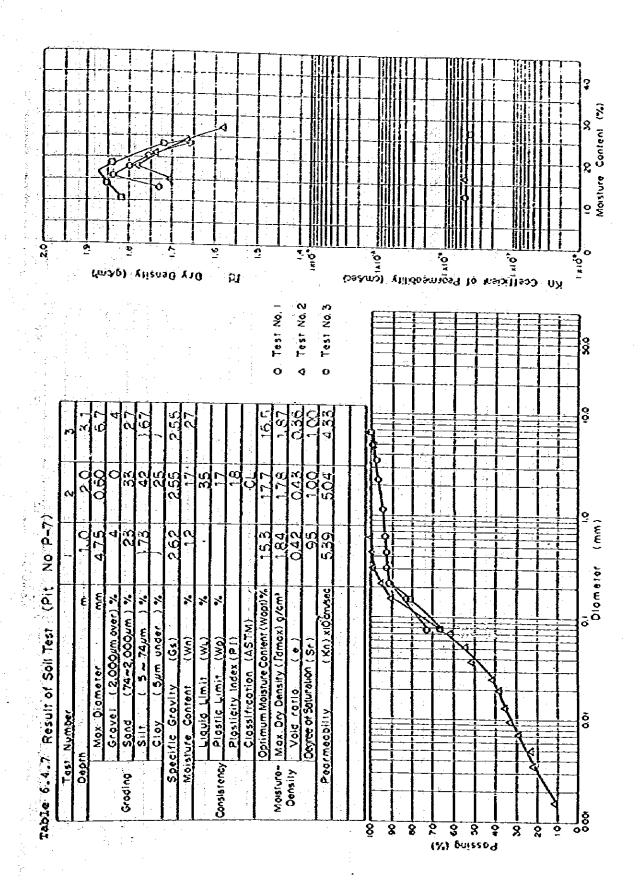


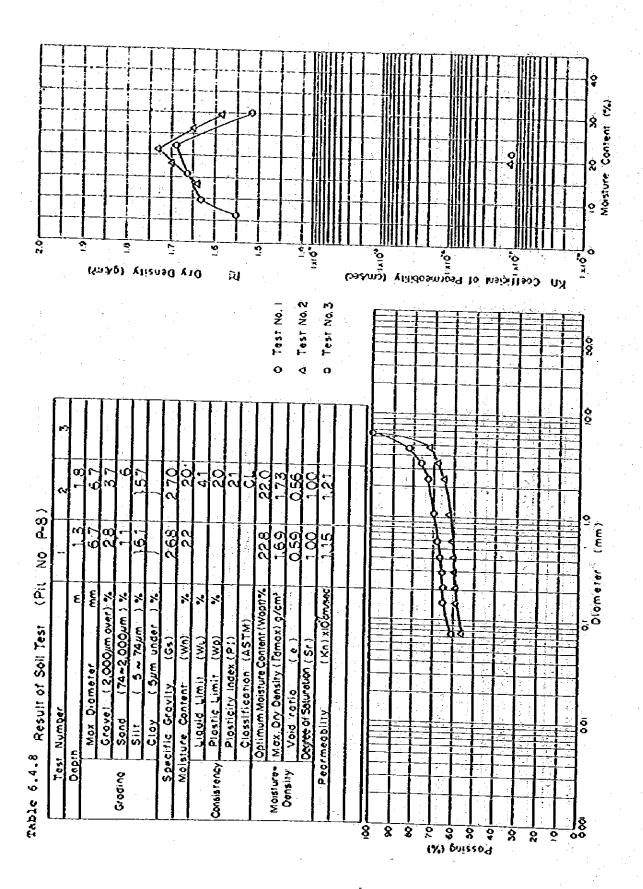


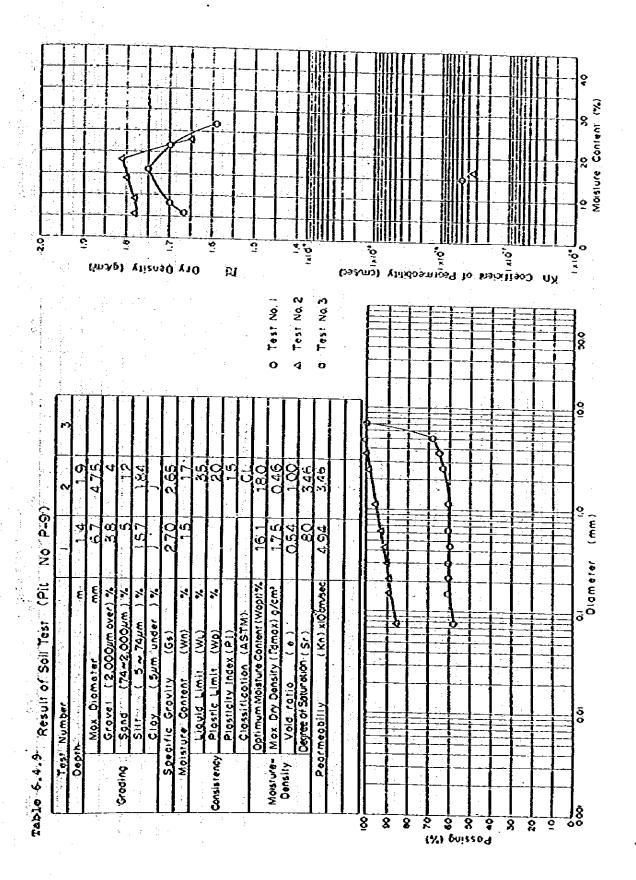


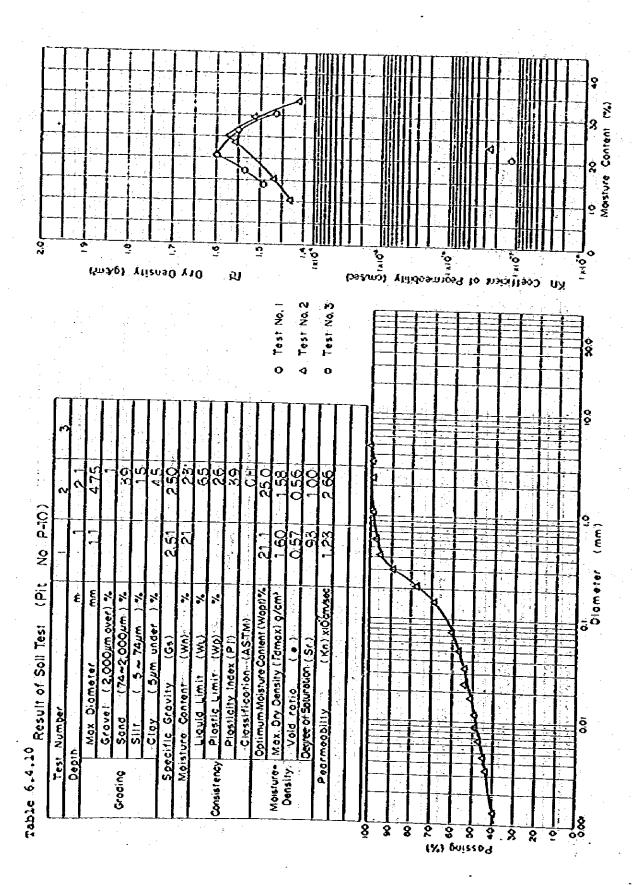


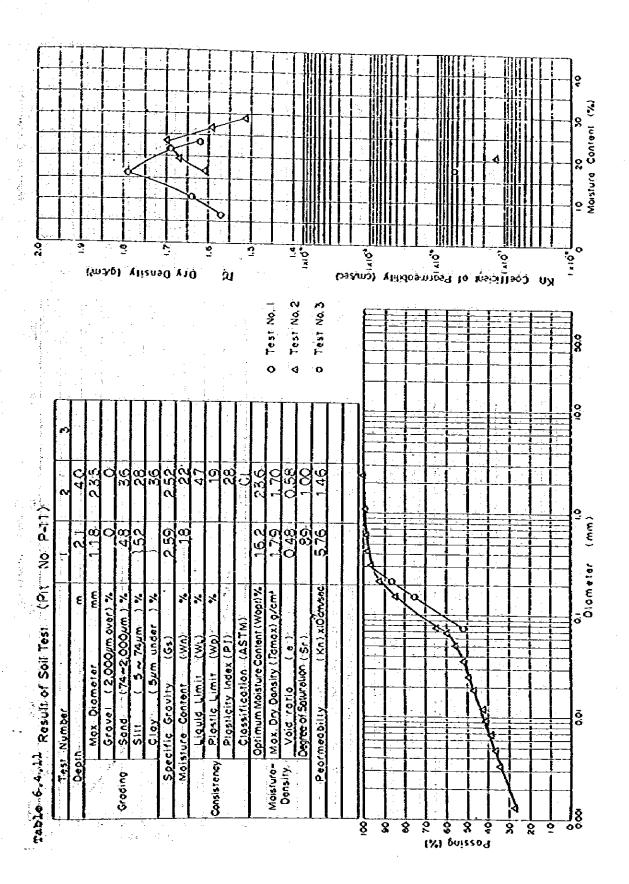


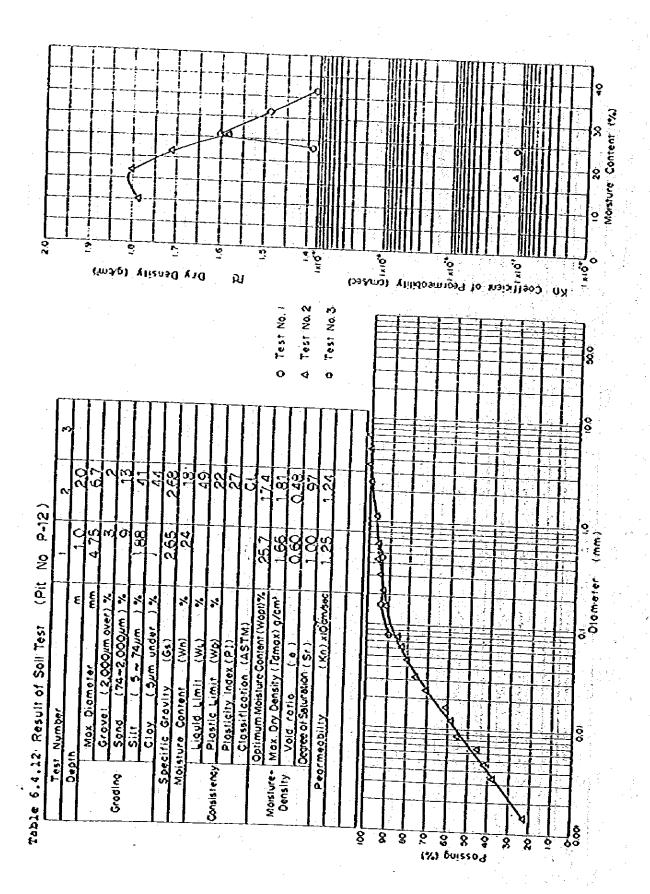


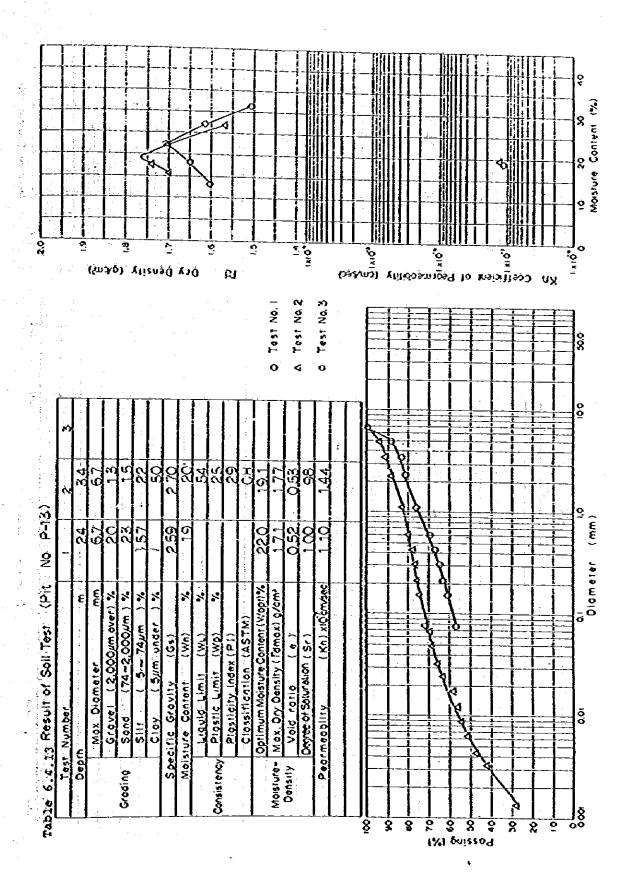


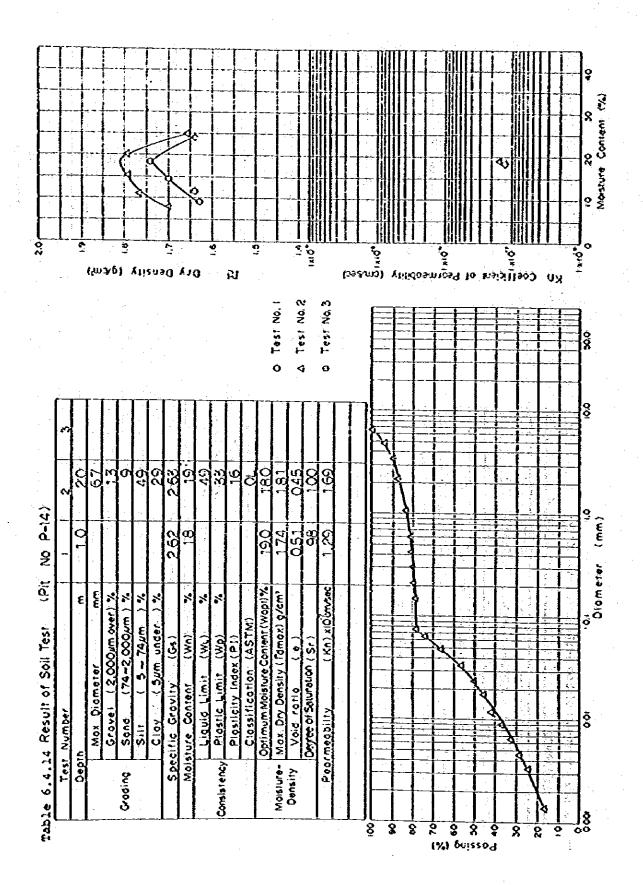


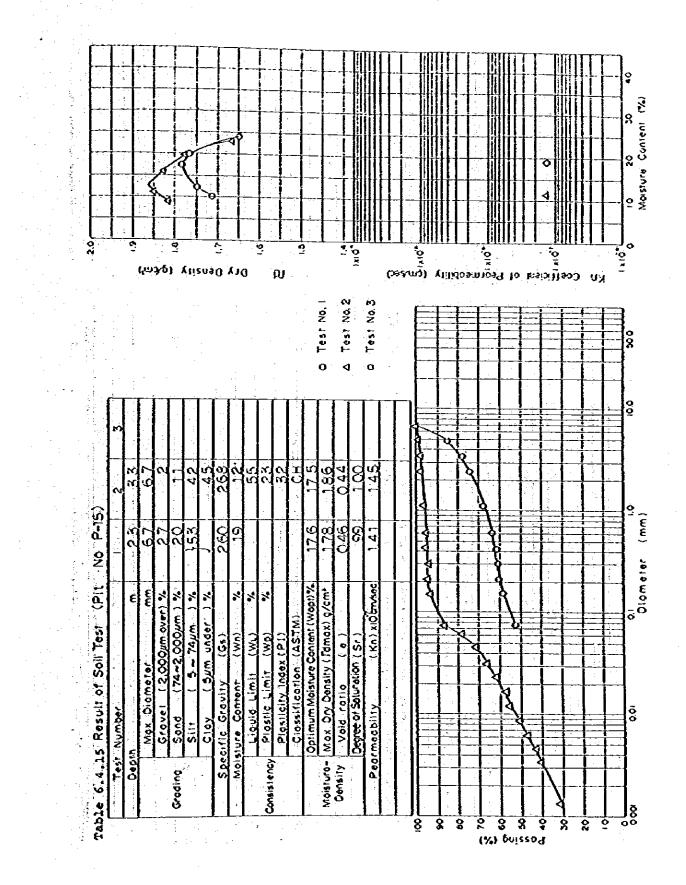


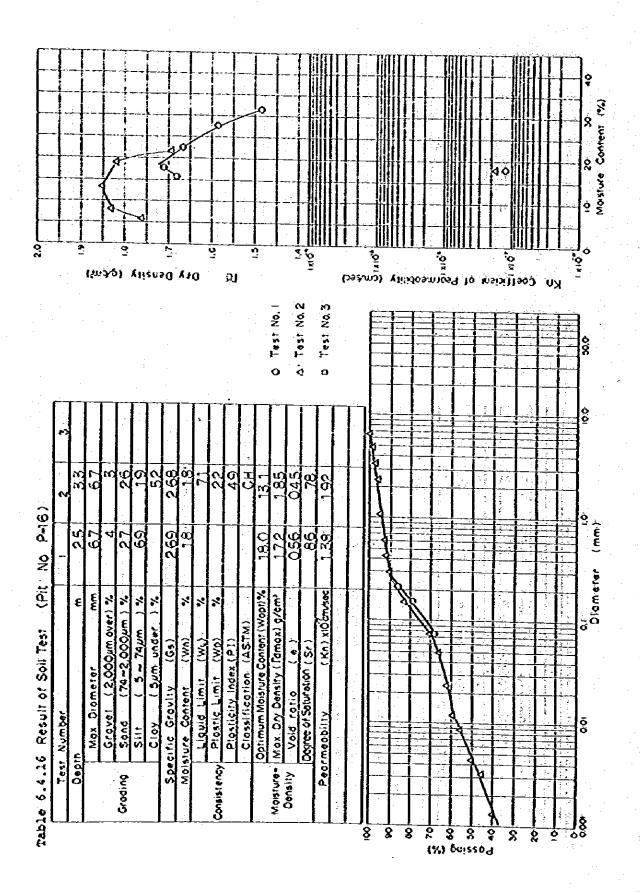












The second secon	The second secon	1	To the second se			est of the second state of the			_i			-		÷-						4													- Q	ŝ		
									4	>		-		1 2		The state of the control of the state of the				and the second s								1000	g -				02	Moisture Contant (%)		
		6.7			ا ا	and a second	٧				0,1,0					*	.01			Selfanos en abena de anoma en ac	1×10*				*Q.				XIO.				, 0, 0			
The control of the co	1,20, 71 c. sperimentarios (m. 100).		(m)	y 6)	61 1	sva	Ò	A J (me demonstrate and the same	ល	The second of th		0 Test No. 1	ATTACK NA 2		Test. No.3	(Da	15/1	٥	A 19	90	≱ ₩	JÕ≥ ,	3) E		ri-i		* 0)	V			The state of the s		
	editation of the state of the s			•		The second secon	Year						· · ·		•				- [1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								00			
		32	6.7	8	51	1 200	24		12.	34	30 .	4	SM	32	87	43	82	5.53		··· · · · · · · · · · · · · · · · · ·	N A		İ													
(21-d	Compression in			a distant	63	137	and a fee	2.60	9.		And the second second							122 5] <u>o</u>	(ww)		
(Pit No	Makan Aran Takin bali da ay nadiri	in the fact of the control of the co	ww	Ver) %	, , , w		٠) %		%	%	%		Ŝ	(Wopt)%) q/cm²		:	(Kn) xIOEmhoc				<u> </u>	* -	8/	<u> </u>	7				i,				Dlamerer		
of Soll Test	en in gradestinggen der in dy be	manufacture of the second	Mox Diamoter	Grove) (2,000µm over) %	(74-2,000µm) 7.	Sille - 74µm	Clay (5µm under	11y (Gs)	ent (Wn)	imi (W.)	Prostic Limit (Wp)	Pigaticity Index (P1)	Clossification (ASTM)	Optimum Moisture Content (Wopt)%	Max. Dry Density (Tamax) g/cm	(0) 0	Degree of Saturation (Sr.)			the state of the										-						
Table 6.4. U. Result of Soll Test (Pit No Pe	T. Number	pth	OIC XOM		1	Sili	·-	Specific Grovity	Moisture Content	Liguid Limin		_1					Degree of Sa	Pearmeabiliy		A Company of the Company of					3					1						
	in it	O	No. 1971					1000	Σ		Consistency				Moisture	Density		ă			§ 	8	8	~			8	40	5	3	\$ 1 kg	0				
: E4			3	. :		1				:						•			-	:					%)	Бü	<u>1</u> 55(ಶಿತ							4	

