Nos     Item No.     Nos     Item No.       9. Vehicle     -     Truck with a crane     0     1       • Microbus     0     1     0     1       • Microbus     0     1     0     1       • Microbus     0     1     0     1       • Nicrobus     0     3     0     0       • Four wheel drive vehicle     0     3     0     0       • Notor Bike     0     3     0     0       • Motor Bike     0     1     0     0       • Car     • Drafter     0     1     0       • Drafter     • Drafter     0     1     0       • Typewriter     • Norking tables, lockers, chairs     0     1     0       • Transparent fable     • O     1     0     1       • Refrigerator     • O     1     0     1       • Transparent fable     • O     1     0     1       • Refrigerator     • O	Nos ItemNo.			
h a crane h a crane al drive vehicle e e e ary Equipment y machine y machine f y machine (f y machine (f ) y m		Nos Item No.	110702001147	Veillarks
h a crane al drive vehicle 0 3 e 0 1 e 1 e 1 e 1 e 1 e 1 e 1 e 1 e				
al drive vehicle 0 3 e 0 3 e 0 3 e 0 3 sary Equipment 0 1 y machine 0 1 y machine 0 1 r ables, lockers, chairs 0 1 r ables, lockers, chairs 0 1 tor tor tor tor tor tor teters e ters e ters pe	-		DOR	* * * * * * * * * * * * * * * * * * *
e drive vehicle 0 3 e 0 3 e 0 3 sary Equipment 0 1 y machine 0 1 y machine 0 1 y machine 0 1 r 0 1 v etc. 0 1 v etc. 0 1 ng test apparatus ric set ric set		*	MB	
Bicycle 0 3 Bicycle 0 3 Motor Bike 0 3 Car 0 3 Car 0 3 Car 0 1 Car 0 1 1 Car 1	0 1		MB	****
Motor Bike       3       3         Car       Car       1         Drafter       Car       1         Photo copy machine       Car       1         Typewriter       Car       1         Typewriter       Car       1         Working tables, lockers, chairs       Car       1         Working tables       Car       1       Car         Tansparent fable       Car       1       Car       1         Transparent fable       Car       1       Car       1         Transparent fable       Car       1       Car       1         Thermometers       Carvinetric set       Car       1       Car       1         Pocket type       Pocket type       Car       Car       1       Car       1			MB	
Car her Necessary Equipment Drafter Drafter Drafter Drafter Drafter Typewriter Typewriter Morking tables, lockers, chairs Working tables, lockers, chairs Working tables, lockers, chairs Typewriter O 1 Norking tables, lockers, chairs O 1 Transparent fable- Transparent fable- C 1 C 2 1 C C 1 C C 1 C C 1 C C 1 C C 1 C C C C C C C C C C C C C			MB	******
her Necessary Equipment Drafter Photo copy machine Typewriter Working tables, lockers, chairs Working tables, lockers, chairs Working table- Stationery etc. Transparent fable- Transparent fable- Transparent fable- Transparent fable- Transparent fable- Transparent fable- Transparent fable- Transparent fable- Transparent fable- Transparent fable- Docket type Metal thermometer	0 1		MB	
her Necessary Equipment Drafter Drafter Photo copy machine Typewriter Working tables, lockers, chairs Working test apparatus Crawinetric set Thermometers Pocket type Metal thermometer				
Drafter       0       1         Photo copy machine       0       1         Typewriter       0       1         Typewriter       0       1         Working tables, lockers, chairs       0       1         Working tables, lockers, chairs       0       1         Stationery etc.       0       1       0         Stationery etc.       0       1       0       1         Transparent fable-       0       1       0       1         Zinc coating test apparatus       0       1       0       1         Zinc coating test apparatus       0       1       0       1         Zinc type       0       1       0       1       0         Pocket type       Pocket type       Metal thermometers       Metal thermometer       Metal thermometer				
Photo copy machine       0       1         Typewriter       0       1         Typewriter       0       1         Working tables, lockers, chairs       0       1         Working tables, lockers, chairs       0       1         Stationery etc.       0       1       0         Refrigerator       0       1       0       1         Transparent fable-       0       1       0       1         Zinc coating test apparatus       0       1       0       1         Zinc coating test apparatus       0       1       0       1         Pocket type       Pocket type       Metal thermometers       Metal thermometer			MB	
Typewriter       0       1         Working tables, lockers, chairs       0       1         Stationery etc.       0       1       0       1         Stationery etc.       0       1       0       1         Transparent fable-       0       1       0       1         Transparent fable-       0       1       0       1         Zinc coating test apparatus       0       1       0       1         Zinc coating test apparatus       0       1       0       1         Zinc coating test apparatus       0       1       0       1         Meral thermometers       Pocket type       Meral thermometer       Meral thermometer	0 2		MB/HL	
Working tables, lockers, chairs       0       1       0       1         Stationery etc.       0       1       0       1         Refrigerator       0       1       0       1         Transparent fable-       0       1       0       1         Zinc coating test apparatus       0       1       0       1         Thermometers       Pocket type       Metal thermometer       Metal thermometer			MB	
Stationery etc. 0 1 0 1 Refrigerator Transparent fable- 0 1 0 1 Zinc coating test apparatus Gravimetric set Thermometers Pocket type Metal thermometer			MB	
Refrigerator Transparent fable- Zinc coating test apparatus Gravimetric set Thermometers Pocket type Metal thermometer				
Transparent fable- Zinc coating test apparatus Gravimetric set Thermometers Pocket type Metal thermometer			MB	
Zinc coating test apparatus Gravimetric set Thermometers Pocket type Metal thermometer			MB	
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Pocket type Matal thermometer			TD	
- Chicale			C.L.	
- Tension test for steel bar			dT D	
- Electrical balance			μD	• • • • • • • • • • • • • • • • • • • •
500g				
Ikg				

HL:Hydraulic Lab. MB: Main Building TD: Technical Development Building DOR: Dep. of Road DOI: Dep. of Irrigation

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P.9

	Remarks	Achivement				Achivement	Achivement	Achivement		Achivenent	Achivement	Achivenen t
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Н Д Ц		<u>چا</u>	→ Aprjun > 1.1. 		Survey	Survey / Design	Selection of Nodel Area		Survey	Detailed Survey	Survey	[н р. р.
F PROJECT TYPE RATION	FIRST YEAR 1991 1992 1992 0ct lan Apr Jul 1992	Se de la constante de la const		,	Survey	Survey	Data Collection		Survey	Survey	Survey	
APPENDIX 7MASTER PLAN OF PROJECTECHNICAL COOPERATIONm.m.MasterDP1an(3)	ties Year Month	alhing) 1. General Course	<ul><li>2. Advanced Course</li><li>3. Intensive Course</li></ul>	SABO	a)Nakhu Khola	b)Trisuli	c)Siwalik	LANDSLIDE	∵a)48km from Kathmandu along Trisuli Road	b)194m from Nathmandu along Trisuli Road	c)Upstream of Butwal along Tinau River	U (н Д
APP	Act			· · ·	- 162 -		<u>.</u>	c.		· · ·	•	

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	Remarks			Achivement		🜌 Achivement	-	🖉 📷 Achivement	,		Achivement			.p.,	. 🖉 Achivenent	, ,		ដ Achivement	
	FIFTHYEAR 1995 1996 1996 Oct Jan : Apr Jul 3		Sole Construction		Conclusion					Review / Rivision					/				
    	FOURTH YEAR 1994, 1995 1995 0ct Jan Apr. Jul		kki (asmeta		Survey		Survey			Review / Rivision					/				
ا ب ب	THIRD YEAR 1933 1994 - 1994 Oct Jan April Juli		Master Plan	er arbæ	Survey	-	.Survey			Review / Rivision				Establisment	X S				
ר ר ר	SECOND YEAR 2-1992 1993 1993 1 60t: Jan Apr Jul 1		Survey		Survey		Survey			Collection / Review				Development of softwar			Brochure. Calendar Disaster Annual Report		
(3-2	7 I R S T Y E A R 991 1992 - 1992 ct Jan Apr Jul		Survey		Survey		Survey			Collection				Jata Collection			Brochure		
Master Plan	tivities Year Month	3. RIVER ENGINEERING	a)Baqmati River		ement srtin	od/materials	c)Study on river works in Terei	0 	4. PREPARATION OF TECHNICAL STANDARDS	a)Preparation of technical standards		(1mf ò r mà t nón)	I. DATA BASE	с с с с	נים היים היים	2. PUBLIC RELATIONS	a)Public relations	-	

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### **APPENDIX 8 DISASTER RECORD IN NEPAL**

				Туре	s of Loss			
Type of Disaster	Peop le Dead	People Injure d	Houses Destroy ed	Familie s Affected	Land Affected	Public Infrac- Struct ures	Property Destroy ed	Live stock Loss
	(No.)	(No.)	(No.)	(No.)	(No.)	(No.)	(Mil. Rs.)	(No.)
1983								
Fire	69	-	12	-	-	, <del>-</del>	NA	-
Flood/Landslide	293	-	NA	-	-	-	240.00	248
Epidemic	217	-	•	-	-	-	49.00	-
Other	-	-	-	-	-	-	-	-
Total	579	-	42		-	-	289.00	248
1984								
Fire	57	NA	3,031	-	-	-	11.60	433
Flood/Landslide	363	NA	7,566	NA	12,418	869	37.00	3,114
Epidemic	521	-	-	-	-	-	<del>~</del>	-
Other		-	- '	-	~			-
Total	1,387	-	10,597	-	12,418	869	48.60	3,547
1985								
Fire	52	-	2,546	-	-	-	-	•
Flood/Landslide	420	-	4,620	-	13,544	173	58.10	3,058
Epidemic	915	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	~	-
Total	1,387	e	7,166	-	13,544	173	72.70	3,399
1986								·
Fire	96	-	385	-	-	-	7.2	4,680
Flood/Landslide	315	-	3,035	· -	13,158	436	15.85	1,886
Epidemic	101	-	-	-	-	-	-	
Other	-	-	-	-	-	-	-	-
Total	1518	-	3,370	+	13,158	436	22.87	6,566
1987			4					
Fire	62	-	2,499	-	-	-	4.6	418
Epidemic	391	162	33,731	96,151	188,579	421	-	1,434
Other	426	-	-	885	-	-	-	-
Total	881	162	36,220	97,036	188,579	421	-	5,374
1988								
Fire	23	-	1,221	-	-	-	12.2	349
Flood/Landslide	328	162	33,731	4,113	-	-	10,873.10	530
Earthquake	721	-		66,000	-	-	50,000.00	1,566
Stampede	.71	162	36,220		-	-	~	-
Avalanches	14	4	85	84	-	-	-	343
Total	1,584	12,543	108,801	70,197	-	4,365	60,885.80	2,788

## Disaster in Nepal 1983 - 1992

				Туре	s of Loss			
Type of Disaster	Peop le Dead	People Injured	Houses Destroy ed	Familie s Affected	Land Affected	Public Infrac- Struct ures	Property Destroy ed	Live stock Loss
	(No.)	(No.)	(No.)	(No.)	(No.)	(No.)	(Mil. Rs.)	(No.)
1989								
Fire	109	16	12,594	NA	-	-	1,614.03	773
Flood/Landslide	680	-	6,024	NA		-	2,504.84	1,512
Epidendies	879	2,986	-	-	-	-	-	_
Wondstores	5	-	174	NA	-	_	23.88	92
Thunderstorms	23	8	13	NA	-	-	5.47	398
Avalanches	20	4	179	NA	-	-	23.61	1,467
Total	1,716	3,014	18,974	-		-	4,171.83	4,240
1990								· · · · · · · · · · · · · · · · · · ·
Fire	46	2	3,236	3,233	-	-	-	409
Flood/Landslide	307	26	3,060	5,165	1,131.33	-	53	314
Epidendies	503	151	-	-	-	-	-	41
Hailstones	6	-	1		-	-	-	11
Others	51	17	53	59	-	-	-	92
Total	913	196	6,352	8,461	1,131.33	•	53	867
1991								
Fire	90	17	4,606	4,451	NA	14	19.2	404
Flood/Landslide	93	12	817	1,621	NA	25	21.2	36
Epidendies	725	2,205	-	233	-	-	0.01	2
Hailstones	12	3	58	529	-	2	1.6	-
Others	51	19	15	51	-	1	0.8	200
Total								
1992							÷.,	
Fire	97	-	13,876	10,959	-	3	39.98	10,957
Flood/Landslide	71	-	88	545	26	1,690	1.078	545
Epidendies	1,128	-	-	-	-	-	-	41
Thunderstorms	19	-	13	15	-	-	0.40	11
Windstorm	1	-	17	16	-	14	1.17	92
Earthquake Total	2	-	3	3	-	-	4,800	867

出典 : Ministry of Home National disaster section -

TABLE NO. 1: DATA OF WATER INDUCED DISASTERS : 1992 (Coursey: Ministry of Home) WATER INDUCED DISASTER PREVENTION TECHNICAL CENTRE (DPTC)

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OR VILLAGE		DISASTER	7 0	INJURED	DESTROYED	Ϋ́ΎΎ	AGRI.LAND		LOSSES OF DAMAGE TO ESTIMATED ANIMALS PUB. LAND COST	ESTIMATED COST
			Nos.	Nos.	Nos.	Nos.	HACTRE	Nos.		NRs.
	30 July	Flood	2			1		2		
	21 Aug.	Flood -			1				1 School	50000
	30 July	Flood			3	n				45000
Dumek	17 July	Landslide			:			e e	ч - -	30000
	6 Aug.	Landslide				10				66600
	29 July	Landslide	5							
	27 Aug.	Landslide		2						
Chainpoor	28 July	FL/LAN.	-			-				
	28 Aug.	Flood			2	2				235000
÷	4 Sact.	ebitsbrie i		-	•	ł				
	June	Flood T	e			£		1		30000
Golachhakuriya	Sept	Flood			:		18	-		
	31 July	Flood				1				4000
Thulopakhar	17 July	Flood			1	1			Farm	40000
Chhinakhu	16 July	Flood				<b>I</b>				22950
Bhaisipankha	17 July	Landslide								22000
	22 Aug.	Flood				5				235000
	2 Aug.	Flood	1				:			
	23 July	Landsfide	6	2	2	2				20440
	7 Sept	Landslide				3			Land	46660
Jogimara	2 Aug.	Landslide	28(?)						1 Bus	
Magapauwa	16 Aug.	Landslide			-	<b>*</b>		:		4500
-2	23 AUG.	Landslide				1				1500
	20 July	Landslide			1	8	8			2500
	17 Aug.	Landslide			2		2		_	15000
Melung (6,7)	17 Aug.	Landslide			2		2			16000
	23 July	Landslide	-			-	1			
	3 Sept	Landslide	2				2			
Kalema–8	10 JULY	Flood		1.	1		+			
Gorakhkali	2 Aug	Flood							Prison(partly	
	27 Aug	Landslide							School	
Bharmung	6 Aug.	Landslide			•	6 100		5 48		129700
Srinegar	3 Sept	Flood		-			3		1 Bridge	6520
Subanali – 1	Aug.	Flood				17	7		6 4 Ghutta	57000
	0.0 4.10	1001	•							

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TABLE NO. 1 (CONTINUED)

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										~~~~	ESTINATED
5	ורראמנ		UISASIEH	UEAU Nor	Nor	URS HOTEL	AFFECTED	¥	ANIMALS	PUB. LAND	cost
			ī		105	N08.	N05.	Hactes	Nos.		NRs.
	5	31 JULY	Plood -			•-	•		16		60000
Nayakwada	ada	20 Aug.	Flood					15.5			
Shivagun	. <u>.</u>	28 Aug.	Flood				9	10			1580000
Shivagun	ini	28 Aug.	Flood					13			1788500
alika	Malikathada	29 Aug.	Flood			Ð	r				196796
anka	Kankamundari-4,718		Flood			-					16675
ote	Kotewada	19 July	Flood	2			~				75874
had	Chadanl-3	25 Aug.	Flood					0			217210
han	Ghandruk – 9	3 Sept	Landslide	5		-					
ata -	Iour	27 aug.	Landslide				-				13200
Sundel	ā	4 July -	Flood	4	4	9	4	59	27		
Kharikhet	chet	24 Aug.	Flood	-		-	-				
Chame	9	18 July -	E/L				11			1 Bridge	182000
Narkhola	nola	17 July	F/L							1 Bridge	
hare	Dharapani–3	16 July	F/L				-				40000
Thoche	he	18 July	Landslide				Ā	0,15			30000
ateb	Tatebagarchap	18 July	Landslide				\$				47000
ark	Narkhola	17 July	Landslide							1 Bridge	
ž	Karki Bada – 5	5 July	Flood	6					-		
aut	Rautbesi-7	29 July	andslide	4		-	-				
ž	Ukhu8	29 July	Landslide	12	6	4	2		*	-	120000
an	Gamnangtar	Aug.	Flood					0.2			10000
÷	Adheri-5	Aug.	Flood				01				412000
ž	Bhadaure	Aug.	Flood							3 Canals	30000
퉒	Barnalu	8 July	Landslide	1		1			-		
ŋ	Bigutaar	15 July	Landslide			•	*		Y	4	5000
Bilandu	Jdu	2 July	Landslide				~	2			210000
Thalia	а.	12 July	Landslide	-							
Deupur	our	1 Aug.	Landslide			9		3		2	42600
Deurali	ali	5 Aug.	Landslide				~	1 0.6			10000
bod L	P hooigasi	25 July	Landslide		2	-					20500
ğ	Lindre Khola	31 Aug.	Flood							11 Bridge	
Z	Doda Village	23 Aug.	Flood					4 0.7		11 Bridge	
2	Jinawang	23 Aug.	Landslide	0	-	N		2		4	120245
1 15000		1.1.1.1							-		

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S.No. DI	DISIRICTS	NAME OF TOWN	DATE	TYPE OF	HUMAN		HOUSES		DAMAGE TO	LOSSES OF	DAMAGE TO LOSSES OF DAMAGE TO ESTIMATED	ESTIMATED
		OR VILLAGE		DISASTER	DEAD Nos.	INJURED Nos.	DESTROYED Nos.	AFFECTED Nos	AGRI.LAND Hec.	ANIMALS Nos.	PUB. LAND	COST NRs.
71   Rukum	ukum	Shonakh-9	4 Sept	Landslide			2	8				23000
72   Rukum	ukum	Kholagau	23 June	Flood				48			Crops	262500
73 Rukum	ukum	Baphikot		Flood				7				20000
74 Rukum	ukum		26 Aug.	Pooli							1 School	100000
75 Rukum	ukum	Thuii YDC	31 Aug.	Landslide			0	71			28 Ghatta	40000
76 Si	76 Sindhupalchok	Thokarpa	7 Aug.	Flood				-				25000
77 Si	77   Sindhupalchok		15 July	Landslide			4	4		53		215000
78 Si	Sindhupalchok		7 Aug.	Flood				-		-		1500
79 Si	Sindhupalchok	าลา	4 Aug.	Landslide			1	-				20000
80 Si	80 Sindhupalchok	Phuipingdanda	21 Aug.	Flood				-				15000
81 S	81 Sindhupalchok	Tatopani	10 July	F/L	Ţ			**	-			
82 S	82 Sindhupalchok	Bholeserpa	24 Aug.	Landslide			-					
83 S	83 Solukhumboo	Densa	15 July	Landslide			10	20				
84 S	84 Solukhumboo	kharka	21 July	F/L						:		
85 S	85 Solukhumboo	Chaurikharka	21 July	Landslide			٣	2				35000
80 S	86   Sołukhumboo	Belghari	i të July	Landslide			4	4				71000
87 S	87 Solukhumboo	Pawai	7 July	Landslide	۷. ۲		-					416430
88 S	88 Solukhumboo	Chaurikharka	19 July	Flood							5 Bridges	
89 S	89 Solukhumboo	Sotang-6	21 July	Landslide			۷	2				220000
90 S	90 Solukhumbu	Sotang	4 July	Landslide	•		**	8				135000
9 S	91 Surkhet	Brendra nagar	9 Sept	Flood			3	33	1			37981
92 S	92 Syanja	Keurai	2 Aug.	Landslide			-	-		v 	4	45000
83	93 Talejung	Khumlamboo	31 July	Flood							2	35000
94 7	94 Taplejung	Mamangkhe	31 July	Flood				**				22950
95 T	85 Taplejung	Taapechork	31 July	Lnadslide				20	6		Farm	722600
96 7	96 Taplejung	Khurumbu	4 July	Flood	-	-			1			
97 1	97 Tehrathum	Simle	14 July	Landslide			**				2	12000
	Tehrathum	Jaljale – 9	14 July	Landslide				35	5 8,87			930000
1 86	Tehrathum	Thokulung	14 July	Flood	2							
100	Tehrathum	Bizulipawer	19 July	Landslide					· · ·			50000
101	Udayapur	Bampurthoksila – 7	r ] 14 July	Landslide					3 0.76	s		23000
1001												

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NOTE : Dead/missing person which were reported to be 28 from a landslide at Jogimara, in Dhading district are uncorflormed.

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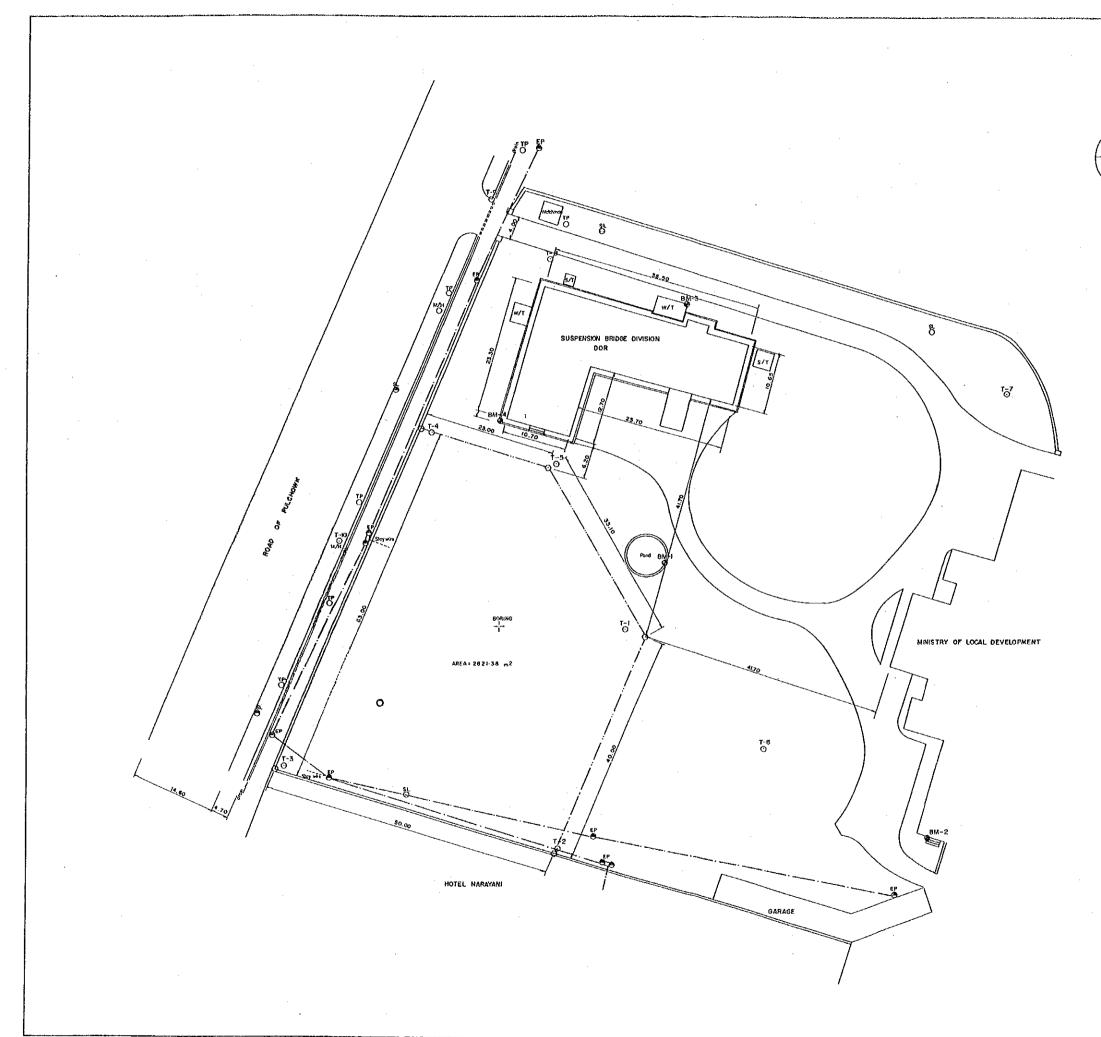
71

Total

# APPENDIX 9 SURVEY MAP

- Pulchouk Site-

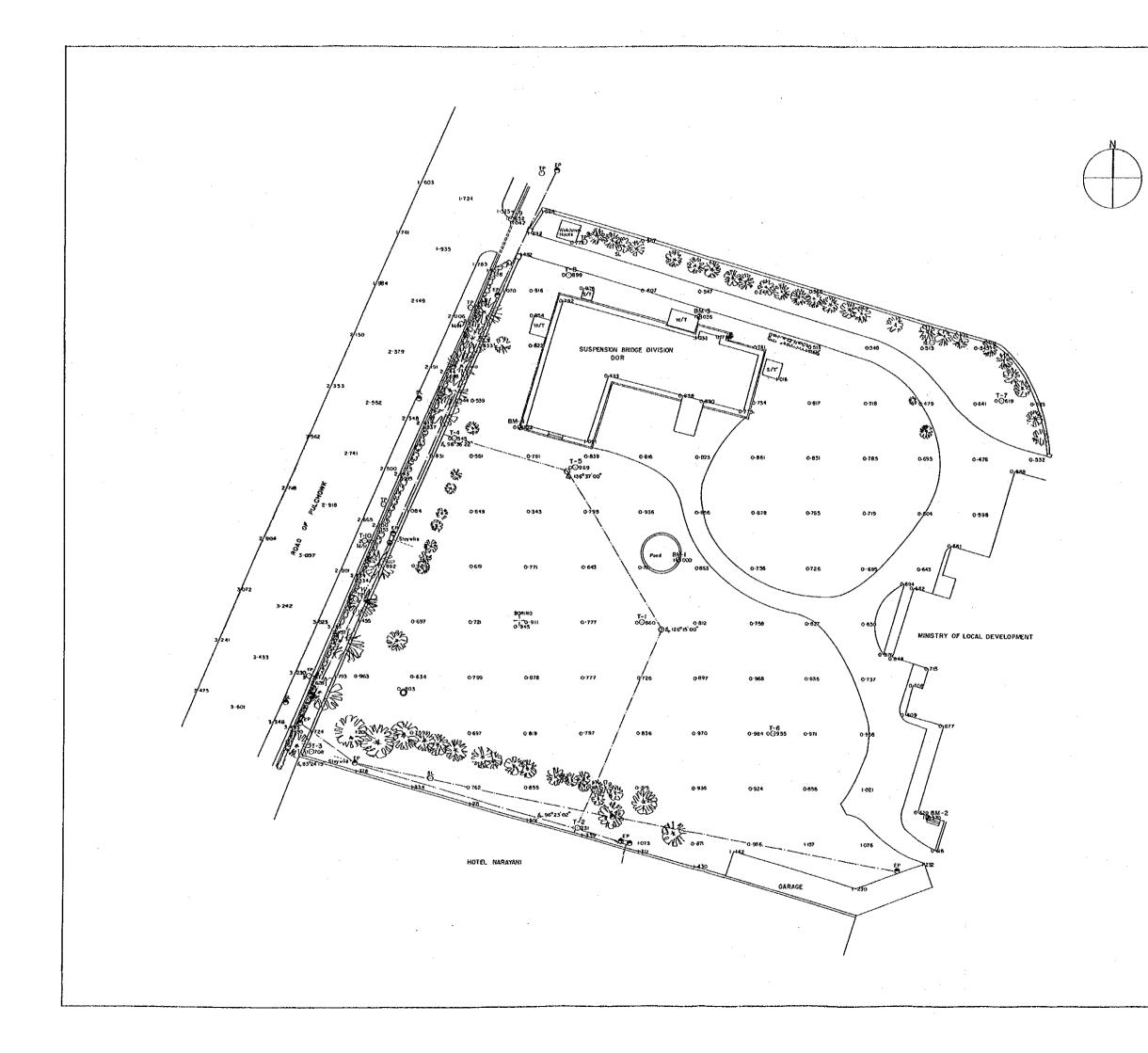
--- Godawari Site ---





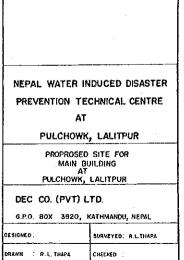
LEGEND	
1-1 O	Traverse Point
o	New Point
вм-1 Ф Ер	Beachmark
Ö	Electric Pota
5P 87 87	Transformer
🕈 5L	Street Light
OSL	Street Lomp (not in use)
Отр	Telephona Pote
	Power Line
\$/T	Septic Tank
₩T	Waler Tonk
млн	Sever Man Hole
	Boundary for Proposed Site

NEPAL WATER IN	IDUCED DISASTER
PREVENTION TEC	CHNICAL CENTRE
AT	
PULCHOWK	, LALITPUR
PROPROSED MAIN BU AT	ILDING
PULCHOWK,	LALITPUR
DEC CO. (PVT) L	TD.
G.P.O. BOX 3820, 1	ATHMANDU, NEPAL
DESIGNED :	SURVEYED : R.L. THUPA
DRAWN : R.L. THAPA	Checked ;
APPROYED:	SCALE : 1:300



### LEGEND

LEGEND	
0-548	Spot Height
00860	Traverse Point, Elevation
8M-1 I∯000	Benchmark, Elevation
€P ⊕	Elastric Pote
EP COLO	Transformer
SL O	Street Light
SL O TP O	Street Lamp (not in use)
	Telephonal Pola
0 945	Boring, Elevation
	Power Line
5/T	Septic Tank
W/T	Water Tank
м/н	Sewer Man Hole
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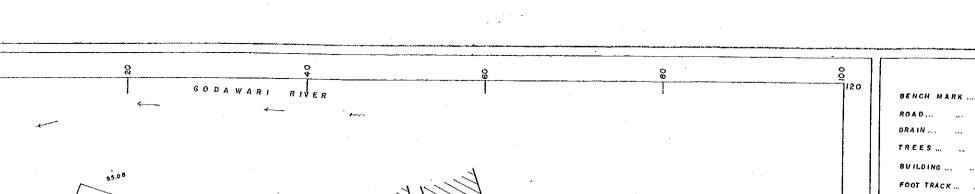
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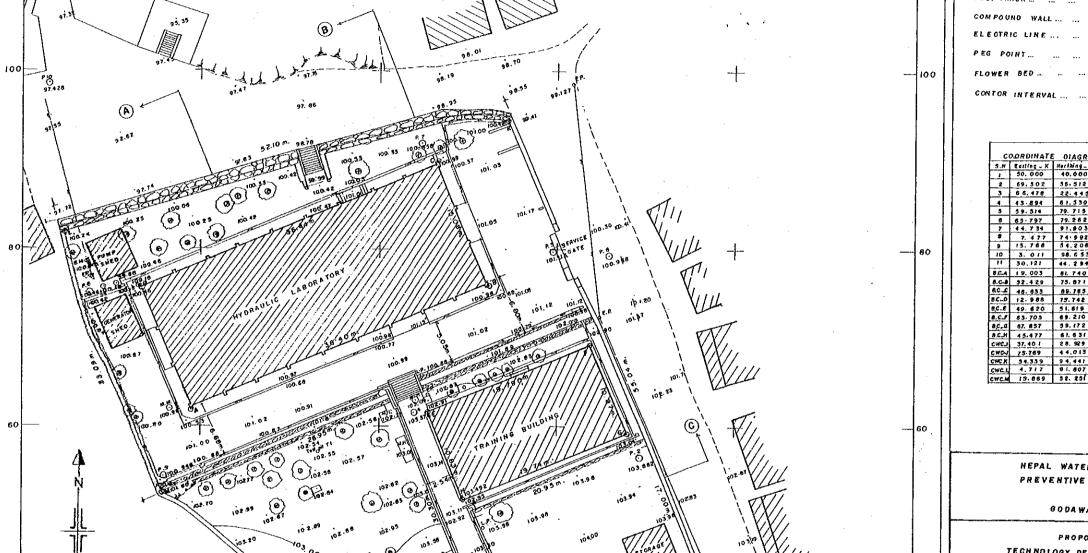
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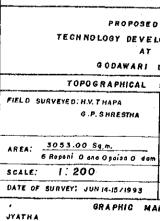
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 CWCJ
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 CWCA
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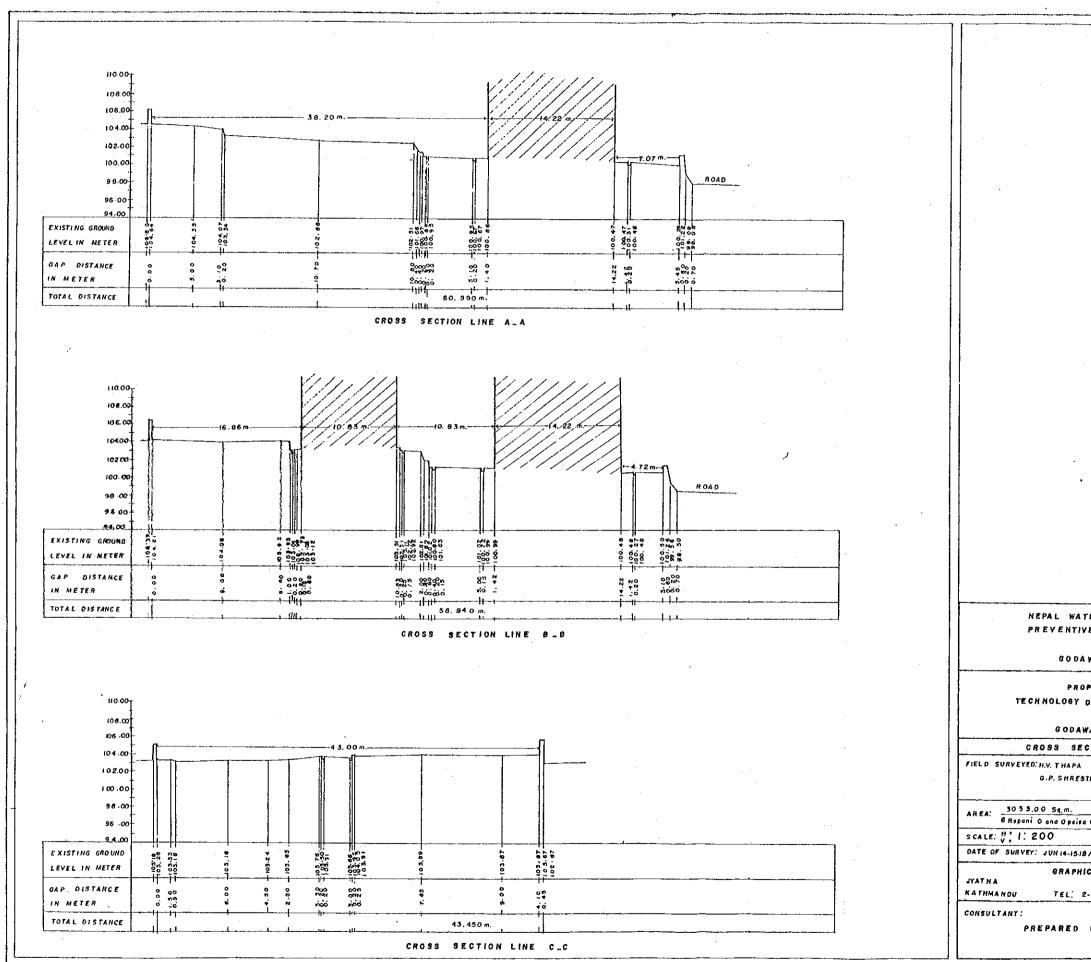
 CWCX
 54.339
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 CWCL
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 CWCL
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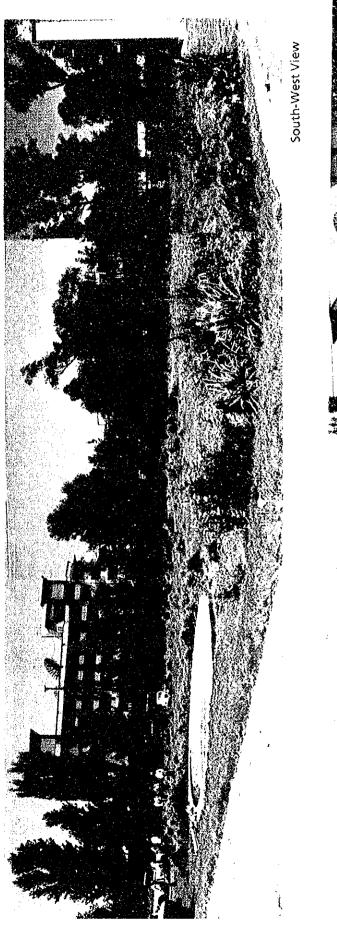


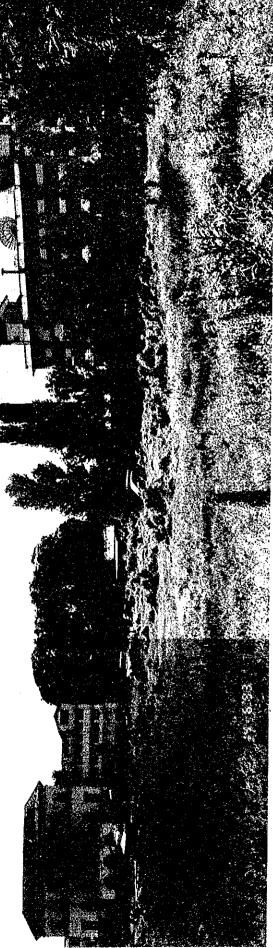
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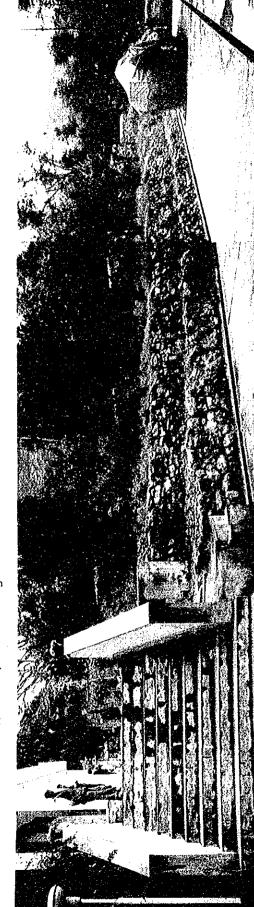
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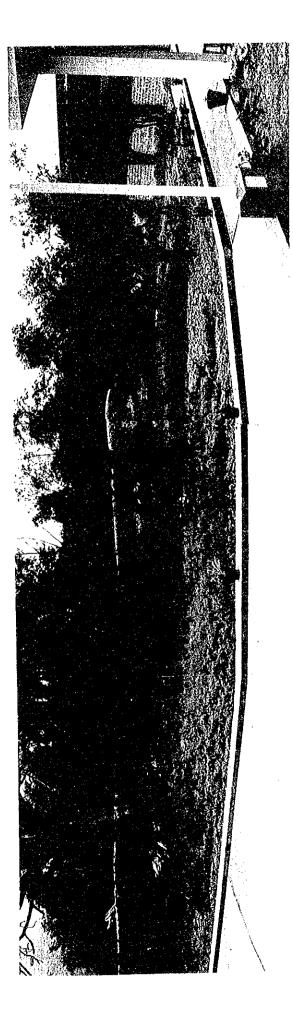


Pulchouk site - Main Building and Trainees' Dormitory







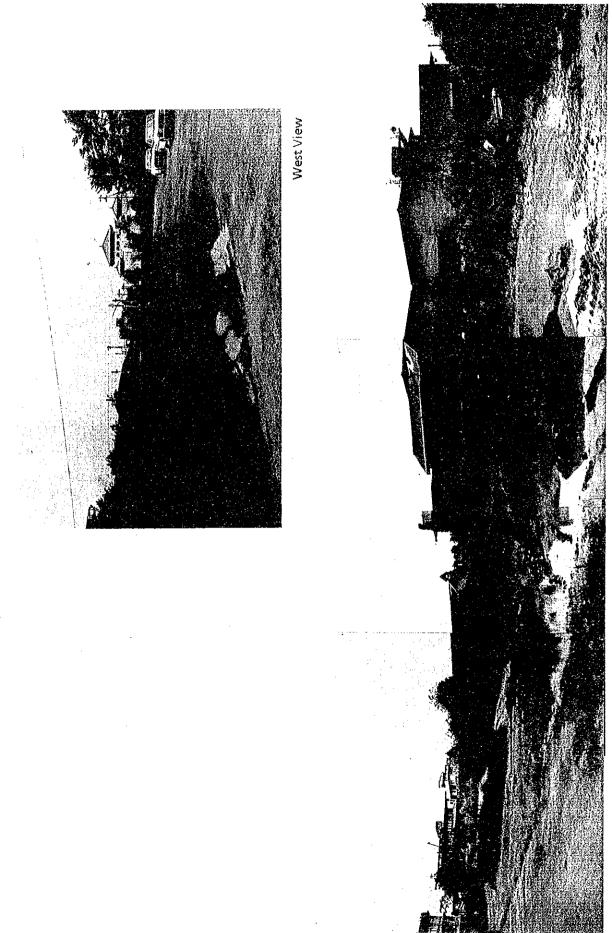


West View

Godawari site - Technology Development Building

South View

South-East View



APPENDIX 11 WELL WATER AND CITY WATER QUALITY ANALYSIS TABLE

Phone: 2-16148 C. -- 47 LAB. NO MPN/100 ml. N/( MPN/100 ml. MPN/100 ml. MPN/100 ml. m Signature Noruell MPN/litre Date 0503.7.3 /æl Ē ANALYSIS DATE OF ANALYSIS 05 0.2.27 DATE OF RECIEPT σ ប ប 1983/Tune Plate Count. 72hr @22 o C Plate Count. 24hr @37 ° C ? BACTERIOLOGICAL Faccal Streptococci Cl. Perfringens Total Chlorine Salmonella Sp. Free Chlorine Coliforms E. Coli ÷, NEPAL WATER SUPPLY CORPORATION Research And Quality Control Section 4% 49 50 51 5 5 55 55 53 59 50 62 S 64 65 66 6 David Savid ١ SCIENTIFIC SERVICES CENTRAL 'LABORATORY, KIRTIPUR 89:t: 0.0 REPORT i 1 i ; N W.S.C. Tap Water ł t. Results Expressed As mg/1 ÷ sio<sub>2</sub> : 2 чN Ζ ۳Z ວື Ъ. ů ъ С 20 So. ΰ ŝ z 000 ۵ zΖ Z Z LABORATORY Ammonia Free & Saline Ammonia Albuminicd SOURCE OF SAMPLE Dissolved Oxygan R. O. D. C. O. D. P. V. N/80 4hrs Phosphate, Ortho Phosphate, Total Nitrite Nitrogen Vitrate Nitrogen Ammonia Total Aluminium Manganese Potassium Sulphide Sulphate Fluoride Copper Chloride Sodium Silica Lead Zinc LCOL 36 39 ç 26 23 ŝ 2 2 £ Ä  $\mathfrak{R}$ ň ŝ 옃 ÷ 7 255 ž ÷ ñ Ho.Sol 1 , r 105.061 30.6 9 6.8.3. 0.209 n n n , Y CATIO ; 1 i ١ŕ j 115° C.1 180° C. 700° C. 115° C. 180 ° C. ms/cm o Hazen NTU Pater Nagar Palika ינפיד NAME & ADDRESS OF SENDER ပ Electrical Conductivity Magnesium Hardness **Total Fixed Solids** P. P. H. Alkalinity Calcium Hardness Suspended Solids pH4.5 Alkalinity Dissolved Solids Settleable Solids Total Alkalinity Total Hardness Temperature Total Solids COMMENTS Appearance Magnesium Free CO, Turbidity Calcium Colour Odour Taste Ha Ś ø 0 2 ŝ 4 ŝ 16 5 ŝ 6 2 m Ľ ភ 22

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Phone: 2-16145		l mi	00	ANALYSIS MPN/100 ml. / MPN/100 ml. /	°C /ml. °C /ml. MPN/IC0 ml. MPN/IC0 ml. MPN/litte		Signature Rivering	-
	DATE OF ANALYSIS		48 Free Chlorine 49 Total Chlorine 50	BACTERIOL Coliforms E. Coli	<ul> <li>53 Plate Count 24hř (@37°C</li> <li>54 Plate Count. 72hr (@22°C</li> <li>55 Fraceal Streptococci</li> <li>56 Cl. Perfringens</li> <li>57 Salmonella Sp.</li> </ul>	50 61 53 53 33 53	65 67	
WATER SUPPLY AND -SEWERAGE CORPORATION Surveillance. and wester quality control Section Scientific Services CENTRAL LABORATORY, KIRTIPUR SOURCE OF SAMPLE AIVEJUINTY DEAT DATE OF ANAL	しいていていていいまでは		۰۰۶ ۲۰۰۰ محمد ۲۰۰۰ محمد	بر سرینی مرکز م	Za / CI			
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R SU			25 26 27	······	<u>8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 </u>		<u>4 <del>2</del> 2</u> 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
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	NAME & ADDRESS OF SENDER		Appearance Temperature PH	Colour Turbidity Electrical Conductivity Taste Odour	Suspended Solids Dissolved Solids Total Solids Total Fixed Solids Settleable Solids	Free CO. Total Alkalinity P. P. H. Alkalinity PH4.5 Alkalinity Total Hardness Calcium Hardness	Magnesium Hardbess Calcium Magnesium COMMENTS	•
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Signature Riveling Date OHE 9. 2614

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## APPENDIX 12 WRITTEN CONSENT FROM DEPARTMENT OF ROADS --- CONSTRUCTION OF THE GARAGE FOR HEAVY EQUIPMENT ---

TRANSLATION

#### HMG/N

MINISTRY OF WORKS & TRANSPORT

DEPARTMENT OF ROADS

MECHANICAL SECTION.

Lett. No. : Mech/Misc/Ref No 33

Subject : Provision of space for storage of heavy equipments.

Water Induced Disaster Prevention Technical Centre Khumaltar, Lalitpur.

Regarding the above mentioned subject a letter is received from that centre of dated 2050/3/3 (17th June,1993) and lett. No. 049/50 Ref No. 531. By the order it is kindly informed that space will be provided at Heavy Equipment Division, Baneswor for the storage of heavy equipment which will be acquired by that centre. Further, a terms of reference will be sent to that centre in near future regarding the operation and maintenance of the equipment including the construction of garage at the same place.

> (Pramod Raj Pokharel) Assistant Engineer

cc: Department of Roads H. B. D., Baneswor.

