

GOVERNO DO ESTADO



GOVERNO DO ESTADO DO CEARÁ
SECRETARIA DOS RECURSOS HÍDRICOS - SRH
SUPERINTENDÊNCIA DE OBRAS HIDRÁULICAS SOHIDRA

**Estudo do Aproveitamento Hidroagrícola
da Vertente Fluvial dos Municípios de
Ipaumirim / Baixio / Umari - Ce**

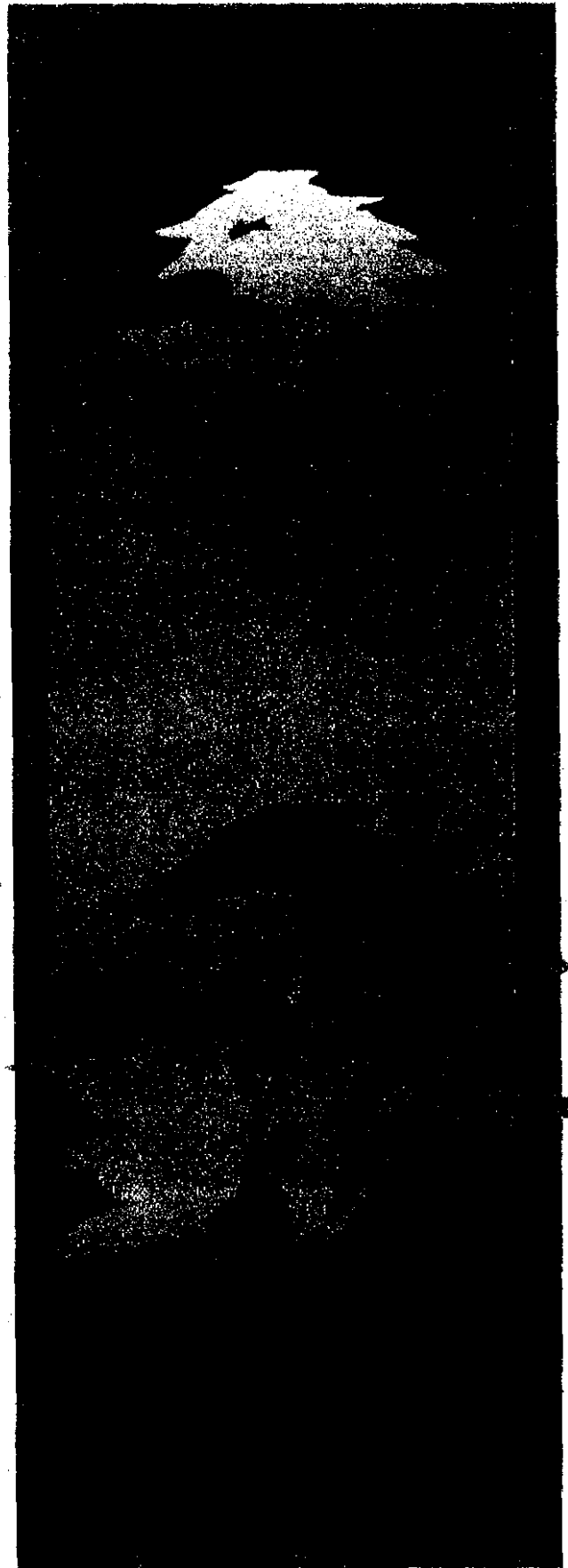
TOMO II PROJETO BÁSICO DA BARRAGEM TRAPIÁ

VOLUME II 4 TOPOOGRÁFICO

KL Serviços e Engenharia

FORTALEZA- CE
Novembro 1995

**Estudo de Aproveitamento Hidroagrícola da Vertente Fluvial dos Municípios de
IPAUMIRIM / BAIXIO / UMARI - CE**



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**TOMO II - Projeto Básico da
Barragem Trapiá**

**Vol. II.4 - Relatório de Estudos
Topográficos**



GOVERNO DO ESTADO DO CEARÁ
SECRETARIA DOS RECURSOS HÍDRICOS-SRH
SUPERINTENDÊNCIA DE OBRAS HIDRÁULICAS - SOH/DIA

ESTUDO DO APROVEITAMENTO HIDROAGROÍCOLA DA VERTENTE FLUVIAL DOS
MUNICÍPIOS DE PALMEIRA, BAIXO E UIRAPUEIRO NO ESTADO DO CEARÁ

TOMO I - PROJETO BÁSICO DA BARRAGEM TRAPÉ

VOLUME II.4 - RELATÓRIO DE ESTUDOS TOPOGRÁFICOS

NOVEMBRO/1966



442/00/00/04

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APRESENTAÇÃO

O presente trabalho constitui o Estudo de Aproveitamento Hidroagrícola da Vertente Pluvial dos Municípios de Lourenço, São João e Uruará no Estado de Goiás.

O Estudo visará criar a base de infraestrutura técnica, de modo a possibilitar seu aproveitamento com vistas para o abastecimento humano das sedes municipais, possibilitando ainda a exploração de uma agricultura mais tecnificada e com melhores índices de produtividade.

A apresentação dos trabalhos segue a seguinte organização:

TOMO I - Estudos Básicos

Volume I.1 - Relatório de Estudos Sócio-Econômicos

Volume I.2 - Relatório de Estudos Pedológicos

TOMO II - Projeto Básico da Barragem Triplá

Volume II.1 - Relatório Geral - A - Textos
B - Desenhos

Volume II.2 - Relatório de Estudos Hidroclimáticos

Volume II.3 - Relatório de Estudos Geológicos - Geotécnicos

Volume II.4 - Relatório de Estudos Topográficos

TOMO III - Projeto Básico da Barragem Pontal

Volume III.1 - Relatório Geral - A - Textos
B - Desenhos

Volume III.2 - Relatório de Estudos Hidroclimáticos

Volume III.3 - Relatório de Estudos Geológicos - Geotécnicos

Volume III.4 - Relatório de Estudos Topográficos - Parte 1
Parte 2

TOMO IV - Relatório Geral

Volume IV.1 - Textos

Volume IV.2 - Desenhos

TOMO V - Relatório Síntese

Este Volume trata-se do TOMO II - Projeto Básico da Barragem Triplá, Volume II.4 - Relatório de Estudos Topográficos.

1. INTRODUÇÃO

Os levantamentos topográficos realizados para o projeto básico de água Trapiá, abrangem o eixo do barramento, as ações de saneamento, e o alinhamento de uma adutora partindo da água Trapiá, que abastece as redes dos municípios de Ipauimir, Balaio e Uirari. Foram elaboradas ainda o levantamento de dados hidráulicos fornecido pela Prefeitura de Ipauimir, quando foram realizadas as necessárias adaptações ao projeto.



1 - REPÚBLICA DE EL SALVADOR

1990

1



1. REFERÊNCIA DE NÍVEL

A referência de nível adotada para os levantamentos topográficos foi o RM IGPELJA do IBGE, com cota verdadeira 278,061 metros. Esta RM situa-se na soleira da porta principal da Igreja matriz de Ipameriã. O referencial de nível foi transportado por uma distância de aproximadamente 1,5 km até o local do eixo do alinhamento onde foram implantados marcos de concreto.

**B - LEVANTAMENTO DOS LOCAS
 DA BARRAGEM E BARRAQUELOS**

3. LEVANTAMENTO DOS LOCAS DA BARRAGEM E SANGRADOUROS

O levantamento topográfico da barragem e das seções de sangradouro do açude foi realizado com base de uma linha de base pelo eixo das obras, bem como de seções transversais a cada 20 metros (medindo 100 metros para cada lado do eixo) e 60 metros para cada lado do eixo do sangradouro. Foram implantados marcos de concreto para amarração das obras e referência de nível de acordo com a relação seguinte:

MARCO	COTA REFERIDA AO NBSB	LOCALIZAÇÃO
M-0	208,081	Definição entre os eixos da barragem e sangradouro de ambas as margens;
M-1	207,328	Estaca 0 + 12 m (sangradouro de margem esquerda)
M-2	208,098	Distância 50 m do marco M-1 (lado esquerdo do sangradouro de margem esquerda)
M-3	208,218	Estaca 20 + 10,50 m (marco-margem direita)
M-4	208,192	Distância 30 metros do marco M-3 (marco-margem direita)
M-5	208,062	Definição entre o eixo da barragem e o eixo do sangradouro de margem direita;
M-6	208,008	Sangradouro na margem direita
M-7	202,358	Sangradouro na margem direita

O levantamento topográfico no local das obras com base de 500 metros de linha de base e 5.000 metros de seções transversais realizadas e contra realizadas geometricamente.

4. LEVANTAMENTO DO RISCO DA ADOÇÃO

000014

8. LEVANTAMENTO DO BICO DA AQUICÇÃO

As linhas de abação d'água tiveram os seus eixos levantados topograficamente para possibilitar o anteprojecto do sistema de abação. Seus levantamentos foram os seguintes:

Trecho entre trapéz - (pauzeiro).....	: 3.473 metros
Trecho (pauzeiro) - Bacia	: 7.875 metros
Trecho Bacia - (canal)	: 10.820 metros
TOTAL.....	: 22.178 metros

II - CASERNITAS DE CAMPO

5. CADERNETAS DE CAMPO

Em anexo apresentam-se as cadernetas de campo dos estudos topográficos realizados de acordo com a seguinte ordem:

- a) Transporte de Cota de PN - (BCE) até o local da barragem Triapé;
- b) Levantamento Topográfico do Eixo de Matão;
- c) Seções Transversais do Matão;
- d) Levantamento Topográfico da Sangradouro na Onda da Esquerda;
- e) Seções Transversais do Sangradouro na Onda da Esquerda;
- f) Levantamento Topográfico do Sangradouro na Onda da Direita;
- g) Seções Transversais do Sangradouro na Onda da Direita;
- h) Levantamento Topográfico do Sangradouro na Onda da Direita;
- i) Levantamento Topográfico do Eixo de Adutora - Água Triapé - Ipaumirim - Bacia - Unai

AMR01 - CADENETAS TOPOGRÁFICAS

04/01/18

TRANSPORTE DE COTA DO RS - IBS
ATÉ O LOCAL DA BARRAGEM TRAPI,

000000



estaca	visada		altura do instrumento	alturas	cota visada
	st	visada			
	3 4 2 0		241.628		
		2 5 4 9		239.467	
	0 5 6 3		239.582		
1		3 4 2 1		239.431	
	0 1 2 9		235.480		
2		3 2 2 0		232.028	
	0 2 2 2		232.211		
3		4 2 2 4		231.715	
	1 2 3 9		233.654		
4		2 4 6 8		230.886	
	1 6 9 5		232.687		
5		0 3 9 8		231.891	
	2 2 9 0		234.82		
6		1 0 9 0		233.882	
	1 0 8 5		234.428		
7		0 9 7 2		233.715	
	1 7 2 2		235.657		
8		1 1 1 2		234.538	
	2 3 2 0		237.230		
9		0 2 4 8		233.822	
	0 8 0 5		237.822		
10		0 2 0 9		237.648	
	2 5 7 9		280.214		
11		5 1 1 1		237.889	



documentos: *Reservados de exoneración emitidos de 1991 de 2000 hasta*

meses	1991		valor de instrumentos	abiertos	reservados
	1	1991			
	0 3 2 1		286.848	286.847	286.848
dic	3 6 0 1		281.867	281.867	
	0 0 2 9		287.670		
dic	3 6 3 0		279.810		
	0 3 0 0		279.810		
dic	3 2 1 1		276.470		
	1 1 2 0		271.820		
dic	0 8 1 3		272.714		
	1 1 4 2		275.820		
dic	0 6 1 9		278.775		
	1 0 1 2		279.841		
enero	2 6 2 9		277.218		
	0 8 1 3		278.072		
enero	2 0 2 2		277.437		
	0 4 2 0		270.817		
enero	2 1 9 2		270.672		
	1 0 1 2		270.672		
enero	1 5 1 1		273.820		
	0 9 9 2		274.724		
enero	1 5 9 8		273.201		
	1 3 2 6		276.477		
enero	1 2 2 8		272.688		
	1 3 1 2		273.981		
enero	2 2 1 2		277.204		

meses	valores		dias do instrumento	efeitos	observações
	rs	centos			
	0 2 1 1		272 644		
14	1 5 0 1			270 311	
	1 1 0 0		272 147		
14	0 4 0 0			271 133	
	1 9 3 5		273 6 17		
14	5 0 0 0			270 475	
	0 0 0 2		274 310		
14	7 2 0 0			273 600	
	0 0 1 2		276 815		
14	0 1 2 6			276 703	
	2 3 0 1		280 304		
14	0 3 0 0			280 801	
	1 9 2 0		282 040		
14	3 2 3 6			279 811	
	0 2 1 0		279 040		
14	2 2 9 0			278 110	
	0 4 2 1		276 100		
14	3 0 0 3			272 350	
	0 4 2 1		273 132		
14	2 0 2 7			271 074	
	0 5 1 0		271 801		
14	0 2 1 9			269 642	
	0 7 1 0		270 143		
14	1 3 9 0			268 700	



estación	visadas		altura de instrumento	alturas	observaciones
	H	avance			
	1 2 3 2		230 144		
La		0 0 0 0		230 133	
	1 2 3 2		231 439		
La		1 2 3 2		230 136	
	2 3 2 3		231 527		
La		- 0 0 0		231 491	
	3 2 2 3		235 217		
La		0 0 2 2		236 514	
	3 2 2 3		238 320		
La		0 0 2 2		233 494	
	1 2 2 1		238 913		
La		2 2 2 2		238 0 44	
	0 0 2 0		234 419		
La		1 2 2 2		233 307	
	1 4 0 0		230 653		
La		- 0 0 0		234 853	
	0 2 0 0		230 183		
		2 6 2 2		234 0 60	

LEVANTAMENTO TOPOGRÁFICO
DO LIXO DO MARIÓD

March 20 2020

(1)

SERIAL	VOLUME		DATE OF INSTRUMENT	AMOUNT	REMARKS
	TO	FROM			
RN	+0233			206600	
			207234		
0nd	-0679			206624	
1	-1445			206808	
2	-2479			203884	dup
-11-	+0824				
			204008		
3	-2538			201520	
4nd	-3398			200680	
-11-	+0149				
			200609		
4	-1029			227250	
5	-3272			227532	dup
-11-	+0451				
			227388		
6	-1933			226050	
7	-2516			225462	
8	-3106			224872	dup - ref to 6nd
-11-	+2002				
			226879		
+2	-3265			223114	ref to 6nd
+8	-3852			223222	ref to 6nd
+12	-1490			225289	ref to 6nd - check
9	+0944			225922	dup

Handwritten signature/initials

LUMAS BAY MUNICIPAL (PAGIBIAN) DISTRICT
 OFFICE OF THE AGENT IN CHARGE
 2008

MONTH	DUES		TOTAL TO DATE	REMARKS
	NO.	AMOUNT		
9	1739		225922	
			227661	
10	1681		226020	
11	1590		226071	
12	2500		225161	
13	2675		229986	
14	2168		225193	
PAID	0523		227138	
15	2430		280681	
PAID	0235		280406	
16	3150		283556	
17	2804		280352	
18	1213		281943	
18	0547		283009	PAID
19	3130		286179	
19	1469		284215	PAID
20	3281		287996	19410 = CORRA
20	1760		286236	PAID
21	3041		289277	
21	1061		288216	

[Handwritten signature/initials]
 2/15/08

CENTRO VILLAMARCA Santa Cruz Bolivia *23*
 FOLIO 100000000 - ANO 1986 25/06/86

FECHA	VALOR		CANTIDAD	VALOR	OBSERVACIONES
	IN	EGRESO			
21 - 08-78			289004	288216	
20	- 28.52			288232	Imp.
ADX	- 38.55			288229	✓
- 11 - + 0.920			288159		
19	- 14.38			284321	
18	- 21.43			289016	Imp.
- 11 - + 0.270			283286		
17	- 19.31			281845	
16	- 25.18			280708	
Imp.	- 39.20			279386	
- 11 - + 0.708			280089		
15	- 18.63			278206	
Imp.	- 3.862			276202	
- 11 - + 14.87			292689		
14	- 24.89			275216	- PLANTAS DE ALTO
13	- 18.31			274918	
12	- 25.17			275132	
11	- 16.02			276882	
10	- 15.32			276032	- PLANTAS DE ALTO
9	- 12.60			275219	



Cuentas individuales sobre los salarios (verano) 21
 Plan de 30 dias - sobre salarios sobre 20

Cuentas	Cuentas		Saldo de Anterior	Cuentas	Observaciones
	1	2			
8	-	2811		274878	
7	-	2821		275468	Supl.
-11-	+ 2825			278293	
6	-	2852		276041	
5	-	0868		272973	Supl.
-11-	+ 3672			280645	
4	-	1273		279372	Supl.
-11-	+ 2834			283558	
3	-	2034		281519	
Supl.	-	0834		282304	
-11-	+ 3536			286240	
2	-	2407		283833	
Supl.	-	0865		285275	
-11-	+ 1869			287244	
1	-	1258		285986	
0=0	-	0212		286524	
RN	-	0248		286576	

A
 28/11/21

SEÇÃO TRANSVERSAL DO MANGUÁ:

18000

21

29-05-95

CANTIDAD	PRECIO		VALOR DE INGRESOS	VALOR	L.O. CUENTA
	UNITARIO	TOTAL			
0+00	0 5 9 0		293 226	293 534	
200		2 2 8 5		286 938	
	0 4 4 0		295 278		
400		2 9 0 0		291 338	
	0 3 3 5		287 314		
600		1 9 9 0		280 324	
680					6800
800		8 9 9 0		276 934	
8800	1 6 3 5		280 278		6800
1000		3 8 8 5		285 276	
0+00	1 0 1 0		282 224	285 584	L.O. 5300000
200					6800
200		1 2 3 0		286 214	
400		3 9 8 0		284 864	
40	0 4 1 0		285 234		
600		2 2 9 0		282 684	
800		3 8 6 5		281 488	
	0 2 0 5		285 534		
2000		3 1 4 0		278 484	



SECRET TRANSMISSÃO À QUADRA

22

29.05.95

CLASSIFICAÇÃO	VALORES		VALOR DE INSCRIÇÃO	VALORES	OBSERVAÇÕES
	1	2			
1000	0 1 6 0		291.110	291.289	
2000		1 6 0 5		285.003	
3000					CECIA
4000		2 6 2 5		252.031	
5000	0 2 1 0		284.083		2000
6000		2 3 9 5		281.289	950
7000	0 7 2 0		283.009		CECIA
8000		2 2 1 0		280.284	
10000		4 9 3 0		278.075	
1000	1 4 5 0		281.235	281.304	LA FARMACIA
2000		1			CECIA
3000		1 4 6 5		281.813	
4000		3 0 4 5		280.283	
5000	0 3 0 0		284.333		2000
6000		3 2 5 0		281.265	2000
7000	0 3 4 0		281.202		
8000		1 8 1 0		278.852	CECIA
10000		3 6 2 5		278.075	

2000
2000

2
3

*

INVESTIGATION: SEAS TRANSFORMER IN POND 1000

22

29-05-95

STATION	COORDS		ELEV. OF INSTRUMENT	HEIGHT	E.D. DISTANCE	OBSERVATIONS
	N	EASTING				
2+00	1 4 9 0		251 220	243 834		
2+00		1 1 8 0		244 130		
4+00		1 2 2 5		243 260		
	0 9 6 5		243 224			
6+00		1 3 1 0		241 115	Good	
6+00					CECCA	
8+00		2 9 3 0		241 000		
8+00					CECCA	
10+00		4 6 8 0		239 114		
2+00	0 4 2 0		244 304	242 824	E.D. ESCUENADO	
1+00						
9+00		0 9 1 0		243 434	CECCA	
13+00		2 3 8 0		242 274		
4+00		5 1 2 0		241 284		
	0 2 8 5		242 165			
6+00		2 6 5 0		240 618		
9+00		4 8 1 0		239 628	CECCA	
10+00		5 4 0 5		238 564		



Estimaciones: Según presupuesto de 2004

29-09-98

ESTIMACION	VALOR		VALOR DE INCREMENTO	ESTIMACION	L.D. - DIFERENTE	OBSERVACIONES
	19	2004				
3400	1 761 5		241 105	241 520		
200		0 9 8 3		282 500		
200		1 2 9 0		282 150		
600		2 3 9 0		281 105		600
	1 8 2 0		282 810			5100
6100		5 0 1 0			CECA	
900		5 0 1 0		78 505		
1000		5 9 3 0		78 505		
3400	0 8 9 0		281 110	281 520	La Escondida	
1500					CECA	
200		1 8 3 5		280 135		
200		3 0 1 0		230 100		
600		6 7 6 5		231 345		
800		5 5 0 0		236 510	2 CECA	
1000		5 5 0 5		236 235		

CLASS	VAGENS		VALOR DA INSCRIÇÃO	VALOR	C.D. DEPARTAMENTO
	N	PREÇOS			
4100	2 2 1 0		280.015	215.230	
200		1 6 1 0		180.245	
400		1 2 0 0		180.185	
600		2 2 2 0		170.805	
6800					C.P.C.A.
800		3 3 3 0		210.685	
100		4 3 3 0		210.105	
4000	0 4 2 0		280.200	215.730	C.P. 55000000
200					
200		1 5 1 0		170.250	
400		2 3 1 0		170.370	
600		3 4 1 0		220.710	
800		3 9 9 0		210.205	
8100					C.P.C.A.
1000		4 5 2 0		210.680	

29. - p. 93

Salário tributado de duas tabelas

23

ESTRADA	VALORES		ALÍQUOTA DE IRPF	VALOR	OBSERVAÇÕES
	IR	IRRF			
5.000	2 5 2 x		180.067	277.522	L.P. - 0.0000
7.000		1 3 6 5		178.702	
4.000		1 1 2 0		238.167	
6.000		3 0 8 5		236.593	
8.000					
9.000		4 0 1 5		236.881	
1000.0		4 4 6 0		215.603	
5.000	0 9 5 0		178.482	230.582	L.P. - 0.0000
7.000		1 9 1 5		236.867	
	2 1 1 5		178.482		
4.000		2 5 2 0		236.162	L.P. - 0.0000
6.000		3 0 7 0		236.812	L.P. - 0.0000
8.000		3 4 3 0		236.347	L.P. - 0.0000
8.500					L.P. - 0.0000
1000.0		3 9 5 x		178.713	L.P. - 0.0000

29-05-95

estación	coordenadas		altura del instrumento	altura	C.O. observada	observaciones	
	N	E					
1+00	2195		136.345	236.050			
2+00		1308		236.980			
4+00		2410		241.885			
5+00		3125		245.030			
6+00		2690		241.605			
6+00					CALLE		
7+00		3065		246.180			
10+00		3180		247.015			
1+00	0810		234.860	236.070	C.O. ESCUETA		
2+00		1525		235.355			
4+00		2030		234.830			
	1000		236.280				
4+00		2060		238.830	CALLE de Esc. 10'		
5+00		3115		232.765	de la Calle		
5+00		2300		233.180	de		
5+00		2020		238.860	CALLE Esc. 10'		
6+00		2100		241.300			
8+00		2880		238.300			
10+00		2610		243.230			

29.05.90

ESTADO	VARIABLES		VALOR DE INSTRUMENTOS	ESTADO	L.O. - D. COSTO	OTROS VALORES
	H	ESTADO				
2+00	1 4 2 0		236.887	235.163		
2+00		1 4 6 0		235.487		
23+00		1 6 2 0		236.123	CONDICION	
24+00		2 1 6 0		234.123	CONDICION	CONDICION
26+00		2 0 1 0		234.883	CONDICION	CONDICION
42+00		2 3 1 0		234.183		CONDICION
	1 9 2 0		236.107			CONDICION
46+00		2 2 0 5		233.202	CONDICION	
47+00		2 9 2 0		233.131	CONDICION	
54+00		1 9 2 0		234.882	CONDICION	
60+00		1 1 0 5		234.002		
70+00		1 1 0 5		234.882		
88+00		1 2 0 5		234.002		
100+00		1 2 2 0		234.882		
2+00	1 3 8 5		236.842	235.163	L.O. ESTACIONADO	
2+00	+1215	1 2 9 8	236.282	235.002		
32+00		1 9 5 0		235.002	CONDICION	
33+00		2 9 7 5		233.147	CONDICION	
38+00		2 6 0 0		233.282	CONDICION	
42+00		3 3 3 0		233.002	CONDICION	
46+00	+1645	1 7 6 0	236.012	234.332	CONDICION	
50+00	+1850	0 7 1 0	236.343	235.103		
64+00		0 6 7 0		235.443		
70+00		0 5 4 0		234.813		
100+00		0 9 7 0		235.002		

30-02-75

CANTIDAD	VALOR		VALOR DE INSTRUMENTOS	VALORES	COMENTARIOS
	EN	PASES			
500	1 6 0 5		216 482	214 871	
600		1 9 6 5		216 413	Edificios de la ciudad
100		3 1 8 0		216 802	Edificios de la ciudad
200		3 5 2 0		218 211	
	4 2 6 0		217 112		
2500		4 1 2 8		218 044	
					Edificios de la ciudad
400		3 5 4 0		218 412	Edificios de la ciudad
4500		1 1 8 0		116 412	Edificios de la ciudad
600		1 2 6 0		218 212	
900		1 0 1 5		116 412	
8000					
100		1 1 4 0		216 031	
500	1 2 9 0		216 207	214 871	Edificios de la ciudad
1500		2 5 5 5		218 042	Edificios de la ciudad
200		5 5 2 5		218 212	Edificios de la ciudad
400	+ 3 9 1 5	3 1 8 0	217 032	218 212	
1300		2 3 2 0		218 212	Edificios de la ciudad
3200		1 8 2 0		218 042	Edificios de la ciudad
400		1 9 8 5		218 042	
600		1 7 6 5		218 042	
500		1 5 2 0		218 212	Edificios de la ciudad
800		2 1 1 5		214 871	
100		2 3 2 5		218 212	

30.05.75

HORAS	COORDENADAS		ALTIMETRIA	ALTUDAS	OBSERVACIONES
	X	Y			
8+00	1 57 5			214 523	L.O. D. RITE
200		1 2 0 0	213 832	214 757	
400		1 3 4 0		214 157	TERRA
600		1 4 0 0		214 237	
800		1 5 4 0		214 317	TERRA
860					TERRA
1000		1 6 7 0		214 317	TERRA
					1300
					RUCHO
8+00	1 5 9 5		214 407	214 322	L. Espigada
200		1 6 1 5		214 317	
400		2 1 9 0		214 327	
600		2 4 2 0		214 373	
6300		2 4 2 0			TERRA
800		2 4 2 0		214 417	
1000		2 1 8 5		214 632	
					1300
					1300

Station: Se Gab Transversal Aguda Tepic 20

30-05-98

Station	Elevations		Elev. of Instrument	Sights	Observations
	B.S.	I.S.			
12.00	1.820		276.481	275.161	
2.00		1.290		274.201	
4.00		1.400		274.291	in line
6.00		1.052		274.416	
8.00		1.330		274.441	26.00
10.00		1.462		274.416	26.00
		X			
12.00	1.820				20.53.50
2.00		1.450		274.431	
4.00		1.920		274.001	
6.00		1.730		274.341	in line
8.00		0.295		274.186	26.00
10.00	2.805		274.201		
12.00		1.675		273.206	
1.00		0.560		274.431	26.00

Estimación: Boque Acosturados de Agua y tierra

30-03-196

ESTADO	VALORES		VALOR DE INSTRUMENTOS	VALORES	L. O. DEBIDA	OBSERVACIONES	
	AL	VALORES					
13+00	3 9 5 0		234 836	234 986			
300		3 9 2 0		234 916			1
400		3 8 1 0		234 826			2
600		3 7 6 0		234 796		11/10/60	3
800		3 7 4 0		234 786			4
900					6000	800	5
1000		3 5 1 0		235 826		11/10/60	
		X					
15+00	3 6 5 0				L. O. = 53 Bando		
200		3 6 2 5		235 001			1
400		3 6 5 0		235 636			2
600		3 6 6 0		235 876			3
6000					6000		4
800		0 0 0 0		235 636			5
	3 0 6 0 8		280 426			X	11/10/60
1000		1 0 9 0		235 406			2
						6000	11/10/60

Numero: 506.16 Anos: 1954-55 de especie: *Asperula*

20

30-09-55

ESTACION	USUARIOS		NOMBRE DE INSTRUMENTO	ESTUDIOS	DESCRIPCIONES
	N	ESTAD			
14000	3745		239 333	239 183	
200		3665		239 333	
400		3510		239 439	
600		3240		239 333	
800		2613		239 333	
8600					
10000		3460		239 439	
		X			
14400	3745				
200		3820		239 268	
400		3960		239 439	
600	3980		239 439		
6200		2250		239 268	
8300		0195		239 268	
800	2420		241 633	239 183	
1000		1990		239 439	

Seção transversal de aqueduto rápido



30-05-95

estação	cota		altura de instalação	metros	L.D. = 0,20 m	observações
	0	1000				
15000	0 6 5 0		278 800	278 181		
200		1 3 9 0		278 800		
400		3 0 4 0		278 501		
	1 2 6 5		278 266			
600		1 5 6 0		278 266		
	1 4 1 0		278 116			
800		1 5 1 0		278 606		
8600						
1000		1 1 6 5		278 361		
15000	1 1 2 5		278 366	278 181		6 Estação de
200		1 9 6 5		278 401		60570
3600		2 9 2 0		278 446		DE
400		3 1 0 0		278 206		
	1 9 9 0		278 286			
600		0 5 1 0		278 146		
	3 5 6 0		281 326			
6700						
800		0 6 4 0		281 566		
1000		2 7 3 0		278 026		

30-05-95

SECT TRANSMISSÃO APLD LOPD

2

ANO	VALOR		VALOR DO INSTRUMENTO	VALOR	L.D. - OUTRINTE
	CI	VALOR			
1600	0 2 2 0		281.022	280.742	
200		1 8 0 5		279.212	
	0 0 5 0		279.267		
400		2 7 9 0		281.472	
	0 1 0 5		280.436		
600		2 0 4 0		276.472	
800		0 9 5 0		277.422	
8200		0 4 5 0		277.922	ELCDA
1000		0 1 1 0		280.472	
		X			
12000	1 2 3 0		281.242	280.202	L.E.S. Grande
1300		1 6 1 5		280.262	ELCDA
	1 0 9 0		282.042		
1500		2 0 2 5		280.032	ELCDA
2200		1 4 2 0		280.572	ELCDA
2300		0 8 2 0		281.162	ELCDA
4500		2 0 2 5		280.032	
500		0 9 5 0		281.072	
	3 3 1 5		284.292		
6000		1 2 5 5		282.472	
6000		1			ELCDA
300		1 3 5 0		283.015	
1000		2 5 4 5		281.710	

valor: 3000 (partes de la casa de la casa)

30-08-95

precio	cantidad		precio de adquisición	valor	observaciones
	m	avida			
18000	0 3 6 0		240 300	240 000	
200		3 5 3 0		240 000	
	0 4 8 0		240 315		
400		2 6 2 0		240 000	
	1 1 9 0		240 300		
600		1 0 6 0		240 000	
800		0 3 1 0		240 000	80
	3 1 8 0		240 300		1200
7500		0 4 4 0		240 000	
	2 2 1 5		240 400		
800		1 6 0 5		240 000	
9600					2400
1000		0 5 2 5		240 000	
18000	2 4 9 5		240 000	240 000	L. de Bienes
200		0 9 8 0		240 000	
400		1 2 8 5		240 000	
600		1 3 8 0		240 000	
6600	1 4 6 0		240 000		CERCA
7500		0 4 5 0		240 000	
800		4 2 8 0		240 000	
1000		4 5 1 0		240 000	

STATE UNIVERSITY

10/2/23

11

300 19

SEARCH	VOLUME		SHEET NO	OFFICE	DESCRIPTION
	1	2			
19	+ 0750			283 7W	ESTD
				283 4W	
+ 20	LD -	30/34		283 061	283/11
- 11 -	+ 0608			282 385	
+ 40	LD -	2/60		281 431	
+ 55	" -	38 50		278 442	
Dist.	" -	3000		279 685	
- 1 -	+ 3075			282 730	
+ 60	LD -	29 30		278 860	
+ 80	" -	29 05		280 610	
+ 85	" -	19 75		280 831	
Dist.	" -	089 5		281 885	
- 1 -	+ 3585			285 610	
+ 100	LD -	1270		284 050	



283 11

2000 19

STATION	ELEVATION		ELEV. OF INSTRUMENT	DISTANCE	CORRECTION
	HT	GROUND			
19	+15.30			286.717	0.000
			281.105		
+20	LE -	10.20		285.126	
+40	" -	14.40		285.267	
AVG.	" -	25.50		283.884	
-4 -	+0.15		284.240		
+60	LE -	16.40		283.240	
+80	" -	20.95		282.827	
+100	" -	34.30		284.100	

[Handwritten signature]

SCAP 20

ITEM NO	PRICE		AMOUNT		REMARKS
	QTY	UNIT PRICE	AMOUNT	AMOUNT	
50	+ 0505		284 301	284 336	0505
+ 20	10 -	1400		280 401	
+ 30	" -	2980		282 861	
+ 35	" -	1805		281 016	
+ 40	" -	5025		281 704	Sub
- 1 -	+ 0540		284 304		
+ 42	10 -	1450		282 84	
+ 52	" -	4400		173 24	
+ 60	" -	2325		281 811	
Sub		0858		281 614	
- 1 -	+ 3200		282 368		
+ 80	10 -	1590		285 708	
Sub		0815		284 432	
- 1 -	+ 2085	1215	284 218	284 432	

2000000
2000000

Small 20

DATE	VOUCHER		PARTICULARS	AMOUNT	BALANCE
	NO.	AMOUNT			
20	12220		295.14	295.23	
+20	15	12.80		308.03	
+20	"	38.20		346.23	
+60	"	23.60		369.83	Out
-10	1525		(81.65)		
+80	16	2.200		371.83	
+100	"	53.30		425.13	

Handwritten signature and date: 20/04/15

SECCION 21

CANTIDAD	UNIDAD		VALOR DE	VALORES	OBSERVACIONES
	DE	CON			
21	+0827		282.661	282.26	2005
+20	LD	-1825		281.704	
+40		-3140		281.507	2005
-11	+0820		284.193		
+50	LD	-3460		278.227	
+60	"	-1825		284.148	
publ.	"	-0358		285.834	
11	+0812		282.149		
+80	LD	-1560		284.481	
+90	"	-0125		282.316	2005
-11	+0818		280.521		
+100	LD	0270		284.822	

2005
2005-05

LEVANTAMENTO TOPOGRÁFICO DO
SARACACUÍDO NA OBRERA ESQUERDA;

000037

SEÇÃO TRANSVERSAL DO SANGRA-
DOURO NA CÂMERA ESQUERDA

1100000

Seção transformada nível capim

29.02.95

ESTACAO	VIZINHA		MURA DO INSTRUMENTO	ALTIMETRO	L.D. - DIFERENÇA	OBSERVAÇÕES
	1	2				
-1+000	0 3 1 0		285 938	285 618		
200		1 6 2 0		284 308		
400		3 9 0 0		287 018		
	0 2 4 0		282 268			
600		5 4 0 0		279 768		
	1 9 0 0		280 688			
800		6 9 0 5		277 788		
9200					28000	
7400					28000	
1000		3 4 9 5		273 688		
-1+000	2 2 2 0		281 938	281 618	22-533	
200					28000	
1600					28000	
200		1 5 8 0		280 208		
	1 0 4 5		282 382			
400		2 1 3 0		281 052		
500	0 6 8 0		282 832		28000	
600		3 5 4 0		281 452		
7200	0 6 1 0		281 132		28000	
7400		7				
800		8 1 6 0		280 832		
	0 8 7 0		281 642			
1000		3 8 3 0		278 212		



Sección transversal de agua a lo largo

22

29-05-75

Alturas	Metros		Altura de instrumento	Metros	Lo objeto	Observaciones
	H	Levanta				
-2+00	0 3 5 0		286.100	286.053		
2+00		2 6 4 0		283.743	disto	
	0 4 2 0		284.283			
2+00		3 6 3 0		280.683	disto	
4+00		4 2 4 5		279.333		
6+00		5 9 8 0		280.303		
	5 4 0		281.843			
6+00		2 8 7 0		278.213		
8+00		1 6 3 5		278.153		
9+00		3 8 7 0		279.843	disto	
9+00						
10+00		3 5 2 0		276.273		
-2+00	0 3 5		283.279	284.013	Lo de la columna	
2+00					disto	
2+00		0 9 9 0		286.943	disto	
4+00		3 9 9 0		284.493		
	0 9 1 0		285.493			
6+00		2 4 6 0		282.813		
6+00	0 2 2 5		283.133		disto	
6+00					disto	
8+00		3 5 0 5		279.663		
10+00		5 3 3 0		277.443		

Estimativa: Seguro de Vida seguro de vida

29-08-95

ESTADO	VALOR		VALOR DE INSTRUMENTO	PREMIOS	OBSERVAÇÃO
	+	-			
-8+00	0 6 3 5		281 564	283 028	
1 8 0 0		2 0 2 0		283 594	devida de 10
2 8 0 0		3 9 2 0		281 748	devida de 10
	0 8 8 0		282 628		
4 0 0		4 6 2 0		281 008	
6 0 0		3 8 5 0		279 174	
9 0 0		3 4 5 0		279 144	
1 0 0 0		3 8 2 0		278 784	
-3 0 0 0	6 8 4 0		283 368	285 028	devida de 10
9 0 0					devida
2 0 0		1 2 8 0		284 298	
1 0 0		2 8 5 0		284 718	
	0 3 6 5		285 584		
5 8 0 0					devida
6 0 0		3 2 5 0		282 234	devida
	1 6 6 0		283 894		
2 0 0		4 0 9 0		280 804	devida
3 5 0 0		4 1 9 0		279 204	devida
3 0 0		3 8 1 0		280 084	devida
0-2		4 2 7 5		280 498	
	2 0 4 0		282 528		
1 0 0 1		4 9 0 0		277 688	

Estación: S. P. 5.00 Observación: Agua Limpia

28

29. 01. 95

estaca	coordenadas		altura de instrumento	alturas	observaciones
	X	Y			
- Y + 0.00	0 4 1 0		286.283	285.577	
Z + 0.00		2 7 0 0		288.583	
	1 0 1 0		286.587		
4 + 0.00		2 8 6 0		282.127	
	0 3 4 5		282.273		
6 + 0.00		3 1 0 5		179.867	
Y + 0.00		3 7 5 5		270.487	
1 + 0.00		3 2 2 5		270.687	
- 4 + 0.00	1 4 8 5		287.882	285.577	0.0 8.70 m de
5 + 0.00					1.00 ca.
Z + 0.00		1 1 3 0		286.208	
4 + 0.00		3 0 5 5		284.373	
	0 5 1 5		285.282		
6 + 0.00					0.00 ca.
5 + 0.00					0.00 ca.
4 + 0.00		2 9 7 0		282.303	
	0 6 2 5		282.323		
3 + 0.00		1 2 5 0		281.673	
1 + 0.00		2 4 5 0		278.433	ru

100 00 00

2005-95



STATION	COORDINATES		ELEVATION	DISTANCE	BENCHMARK
	N	E			
-5100	0770		287.375	286.588	
200		1305		286.018	100
100	1000	3990	283.783	282.897	
200		0960		282.901	
600	1100	3565	282.092	280.128	
900		1450		280.202	100
1000		1500		280.313	
-5100	1305		287.328	286.603	100
200					100
200		1250		286.576	
2900		1620		286.228	100
3200		2295		285.687	100
3400					100
400	1400	2320	286.532	285.048	100
600		2695		283.339	
800		3700		282.432	
800	0800		283.083		
800		1570		281.463	
1000		2690		280.343	

Seção transversal Lado leste

22

27-03-78

ESTACAO	VIZINHA		TIPO DE INSTRUMENTO	VIZINHA	OBSERVAÇÕES
	IN	AVANÇO			
-5+1200 I.A.M.		01		281.478	
	0 3 4 0		282.812		
200		1 1 9 5		285.012	
300		2 5 2 0		285.142	
400		2 9 3 5		284.932	
	1 3 5 5		285.262		
400		1 9 3 0		284.282	
400		3 6 1 8		282.442	
	0 4 8 0		282.072		
600		2 6 2 5		280.534	
700		1 6 3 5		281.234	
	1 3 3 0		282.144		
1000		1 9 2 0		281.716	
5+1200				282.572	LD-ES Quando
	1 3 7 5		283.017		
200	+0 2 4 5	2 0 2 5	283.037	286.932	LD-ES Quando
3300		1 1 2 0		284.852	
3700					CECCA
600		1 4 3 0		285.602	CECCA
400	+0 3 8 5	2 7 4 2	284.212	284.032	
600		1 7 5 0		282.712	
300	+0 7 2 0	3 9 0 0	281.052	280.312	
9800					CECCA
10000		2 8 9 0		283.182	

LEVANTAMENTO TOPOGRÁFICO DO
BARRACÃO NA OMBREIRA (ENFERM.)

Figura 67

12/00/82

Page 1 of 1

Asset ID	Asset Name	Asset Type	Location		Serial No.	Mfg. Date	Mfg. Model	Condition		Value		Notes
			Current	Previous				Current	Previous			
101	C	C	101-01									
			101-02	101-01	101-02	101-01	101-02	101-01	101-02	101-01	101-02	
			101-03	101-02	101-03	101-02	101-03	101-02	101-03	101-02	101-03	
			101-04	101-03	101-04	101-03	101-04	101-03	101-04	101-03	101-04	
102	C	C	102-01									
			102-02	102-01	102-02	102-01	102-02	102-01	102-02	102-01	102-02	
			102-03	102-02	102-03	102-02	102-03	102-02	102-03	102-02	102-03	
103	C	C	103-01									
			103-02	103-01	103-02	103-01	103-02	103-01	103-02	103-01	103-02	
			103-03	103-02	103-03	103-02	103-03	103-02	103-03	103-02	103-03	
104	C	C	104-01									
			104-02	104-01	104-02	104-01	104-02	104-01	104-02	104-01	104-02	
			104-03	104-02	104-03	104-02	104-03	104-02	104-03	104-02	104-03	
105	C	C	105-01									
			105-02	105-01	105-02	105-01	105-02	105-01	105-02	105-01	105-02	
			105-03	105-02	105-03	105-02	105-03	105-02	105-03	105-02	105-03	
106	C	C	106-01									
			106-02	106-01	106-02	106-01	106-02	106-01	106-02	106-01	106-02	
			106-03	106-02	106-03	106-02	106-03	106-02	106-03	106-02	106-03	
107	C	C	107-01									
			107-02	107-01	107-02	107-01	107-02	107-01	107-02	107-01	107-02	
			107-03	107-02	107-03	107-02	107-03	107-02	107-03	107-02	107-03	
108	C	C	108-01									
			108-02	108-01	108-02	108-01	108-02	108-01	108-02	108-01	108-02	
			108-03	108-02	108-03	108-02	108-03	108-02	108-03	108-02	108-03	
109	C	C	109-01									
			109-02	109-01	109-02	109-01	109-02	109-01	109-02	109-01	109-02	
			109-03	109-02	109-03	109-02	109-03	109-02	109-03	109-02	109-03	
110	C	C	110-01									
			110-02	110-01	110-02	110-01	110-02	110-01	110-02	110-01	110-02	
			110-03	110-02	110-03	110-02	110-03	110-02	110-03	110-02	110-03	

30

1998

Ano	Mês	Dia	Local		Hora	Tempo	Altitude	Observações		Temperatura		Umidade		Outros	Comentários
			Latitude	Longitude				Ar	Água	Ar	Água				
1998	Jan	01	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		02	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		03	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		04	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		05	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		06	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		07	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		08	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		09	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		10	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		11	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		12	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		13	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		14	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		15	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		16	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		17	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		18	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		19	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		20	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		21	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		22	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		23	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		24	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		25	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		26	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		27	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		28	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		29	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		
		30	00° 00' S	000° 00' W	11:00	100	1000	100	100	100	100	100	100		

instrumentos

N.º 10

15

Estado de...

22

de...

número	cantidad		efecto de instrumentos	atribución	valor en...
	de	para			
4					201.648
3	11	13	242.810		
5		0 2 1 3			201.804
Δ(1)		3 3 1 5			208.230
2	0 2 1 1		202.744		
6		1 4 1 6			207.203
7		3 3 1 0			204.200
Δ(2)		3 0 0 6			205.323
8	0 1 0 0		205.000		
9		1 4 1 0			103.003
9		2 6 2 6			103.006
10		2 3 1 2			201.200

SEÇÃO TRANSVERSAL DO MANDADO
DOURO NA OMBREIRA DIREITA

000074

Medidas:

Sección: Tercera: Semestre: Tercer.

27

2014/5

Códigos	Medidas		Módulo de Instrumentos	Puntos	Observaciones
	1	2			
1				282.234	
E	3 3 3 0		282.234		
D+ 20		0 3 3 0		282.234	
E	3 3 1 0		283.234		
E + 20		0 3 1 0		283.234	
E		0 3 6 0		283.234	
2				281.234	
E	3 3 4 0		285.234		
E + 20		0 3 5 0		285.234	
E	3 3 8 0		285.234		
E + 48		0 2 8 0		285.234	
E	2 2 4 0		281.234		
E + 60		0 6 1 0		285.234	
3				285.234	
E	3 4 9 0		285.234		
D+ 11		1 3 1 0		284.510	
E + 20		3 0 3 0		285.234	
E + 32		0 3 5 0		285.234	
E	3 1 0 0		281.234		
E + 40		1 3 6 0		281.234	
E + 60		1 1 6 0		280.010	



Instrumentos

cálculos	cotas		altura do instrumento	alturas	observações
	si	parte			
1				282.510	
2	3 810 0		278.510		
3 + 3.		5 310 0		284.180	
+ 20.		6 618 0		285.750	
+ 40.		8 510 0		287.450	
+ 60.		1 112 0		289.150	
4 + 10.		2 414 0		291.300	+ 30. + 13. = 43.
400		0 110 0		292.810	
5	3 812 0		288.130		
+ 30.		1 118 0		291.000	
+ 40.		1 516 0		292.150	
+ 60.		0 010 0		293.710	
6				293.850	
7	3 317 0		297.210		
7 + 20.		3 614 0		293.400	+ 31. + 28. = 59.
+ 40.		0 017 0		297.210	
8	3 611 0		290.070		
+ 60.		2 019 0		288.018	

Observations:

Station	Coordinates		Height in instruments	Elevation	Comments
	U	North			
10				207 866	
π	3 5 18 0		265 818		
21 60		3 7 13 0		262 115	
22 20		3 2 16 0		263 308	
23 40		0 4 12 0		265 474	
24 50		0 7 17 0		266 370	
25 20		1 2 10 0		267 448	
Sum		3 0 13 0		268 810	
π	3 13 18 0		268 308		
26 10		2 4 15 0		266 558	
27 30		1 5 17 0		266 430	

LEVANTAMENTO TAQUEOMÉTRICO DO BARRIO DA
ACIUTORA - AÇUDE TRAPIA - PAUMBIEM - BARRIO - UMATÍ

000092

STATION	DATE	TIME	SUN		SUN	SUN	SUN	SUN	SUN		SUN		SUN	SUN	SUN	SUN
			LONG	LAT					LONG	LAT	LONG	LAT				
01		9														
152																
02		10-01														
153																
03		10-02														
154																



Algebra 101-44

22/10/18

22

No.	Date	Time	Angle		Dist.	Bearing	Easting	Northing	Remarks
			Fore	Back					
101	20-03								
102	20-03	0800							
103	20-03	0800	12/4330'	283/40'	3800	180	-	12/4330'	283/40'
104	20-03	0800							
105	20-03	0800	20/3000'	283/40'	3800	180	-	20/3000'	283/40'
106	20-03	0800	20/3000'	283/40'	3800	180	-	20/3000'	283/40'
107	20-03	0800							
108	20-03	0800	20/3000'	283/40'	3800	180	-	20/3000'	283/40'
109	20-03	0800							
110	20-03	0800	20/3000'	283/40'	3800	180	-	20/3000'	283/40'
111	20-03	0800							
112	20-03	0800	20/3000'	283/40'	3800	180	-	20/3000'	283/40'
113	20-03	0800							
114	20-03	0800	20/3000'	283/40'	3800	180	-	20/3000'	283/40'
115	20-03	0800							



PLANNING - Planned 30



STATION	DATE	TYPE	ELEVATION		DISTANCE	SLOPE	CORRECTION	ADJUSTED		TOTAL	REMARKS
			ORIGINAL	ADJUSTED				ADJUSTED	ADJUSTED		
101	30-16										
102	30-16										
103	30-16										
104	30-16										
105	30-16										
106	30-16										
107	30-16										
108	30-16										
109	30-16										
110	30-16										
111	30-16										
112	30-16										
113	30-16										
114	30-16										
115	30-16										
116	30-16										
117	30-16										
118	30-16										
119	30-16										
120	30-16										
121	30-16										
122	30-16										
123	30-16										
124	30-16										
125	30-16										
126	30-16										
127	30-16										
128	30-16										
129	30-16										
130	30-16										
131	30-16										
132	30-16										
133	30-16										
134	30-16										
135	30-16										
136	30-16										
137	30-16										
138	30-16										
139	30-16										
140	30-16										
141	30-16										
142	30-16										
143	30-16										
144	30-16										
145	30-16										
146	30-16										
147	30-16										
148	30-16										
149	30-16										
150	30-16										

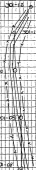


DATE

Algebra 101

2

NO.	DATE	TIME	NAME		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	
			FIRST	LAST															
10	10-10																		
10	10-10																		
10	10-10																		
11	10-10																		
11	10-10																		
11	10-10																		
12	10-10																		
12	10-10																		
12	10-10																		



100-1000

Salmon 50

20/10/15

12

Date	Time	Lat	Long	Wind	Dir	Force	Sea	Sky	Temp	Pressure		Wind		Remarks
										Bar	Therm	Dir	Force	
12		50-12												
	148													
Lat		50-11 00.00"	122-59 00.00"	148										
Wind		50-12 200-6-40"	122-58 30.00"	148					10.75	-0.10	20.00			

14		50-13												
	154													
Lat		50-12 00.00"	122-50 00.00"	154										
Wind		50-14 100-300"	122-40 00.00"	154					10.20	-0.10	20.00			50-13

15		50-14												
	151													
Lat		50-13 00.00"	122-40 00.00"	151										
Wind		50-15 100-230"	122-40 00.00"	151					10.00	-0.10	20.00			50-14



PLAT 11

20/10/88



COURSE	START	END	BEARING		DISTANCE	AREA	PERIMETER	VOLUME	HEIGHT		TOTAL	REMARKS
			TRUE	MAGNETIC					+	-		
10	30-15											
10	30-14	30-15	135.00	91.120	12.00	150						30-8
10	30-15	30-16	135.00	91.120	12.00	150	118.15		71.208	211.36		30-17
12	30-16											30-16
12	30-15	30-16	142.00	89.250	11.00	142						30-16
12	30-16	30-17	142.00	89.250	11.00	142	142.00		2.141	2.141		30-16
16	30-17											30-16
16	30-16	30-17	152.00	85.000	11.00	152						30-16
16	30-17	30-18	152.00	85.000	11.00	152	152.00		2.191	2.191		30-17



Date	Time	Lat	Long		Sight	H. of Obj.	D. of Obj.	Observed		Corrected		Dist. to Obj.	Azimuth	Remarks
			Observed	Corrected				Alt.	Dist.					
19	157	30-18												
Lat		30-18	105° 10'	72° 11' 40"	5500	151								
Long		30-19	105° 13' 30"	71° 29' 00"	6500	157	0.14	- 2.10	105.01					

20	159	30-18												
Lat		30-18	105° 10'	80° 30'	6500	149								
Long		30-18	105° 10'	79° 40'	10000	149	0.20	- 3.26	105.00					

21	159	30-18												
Lat		31-19	105° 10'	85° 11' 05"	10000	144								
Long		31-21	105° 10'	81° 55' 00"	10000	144	0.18	- 4.54	105.00					



Date	Time	Type	Angle		Dist. from	Dist. to	of	to	Distance		Area		Total	Remarks
			Horizontal	Vertical					to	from	to	from		
22	10:10													30-24
22	10:12													
22	10:20	080°00'	58.00'	100.00'	152									
22	10:22	153°00'	70.20'	100.00'	152	51.10	1.50	210.10	✓					
23	10:10													30-23
23	10:11													
23	10:21	080°00'	59.13'	113.00'	151									
23	10:23	163°00'	70.20'	113.00'	151	74.00	1.00	230.00	✓					30-22
24	10:10													
24	10:12													
24	10:22	080°00'	59.30'	120.00'	154									30-21
24	10:24	202°00'	70.00'	120.00'	154	52.00	2.00	240.00	✓					
														30-20

+ 46.7

000000

2010

Length	Area	Area	Perimeter		Area	Area	Area	Area	Area	Area	Area	Area	Area	Area	Area	Area	Area	
			Perimeter	Area														
25	151	30-24																
26	151	30-24	10000"	80000"	12000	150												
27	151	30-24	10000"	80000"	12000	150	100	0.10	20000									
28	151	30-24	10000"	80000"	12000	150	100	0.10	20000									
29	151	30-24	10000"	80000"	12000	150	100	0.10	20000									





Date	Time	Location	Altitude	Temp	Wind	Humidity		Pressure	Remarks
						Relative	Actual		
26	07:22								
26	07:28	1000' 2000'	2400'	70.0					
26	07:30	1000' 2000'	2350'	70.0	16.04	94%		101.92	10-20
26	07:40								10-20
26	07:48								10-20
26	07:54	1000' 2000'	2400'	70.0					
26	07:56	1000' 2000'	2350'	70.0	16.12	94%		101.91	
26	08:00								
26	08:08								10-20
26	08:15	1000' 2000'	2400'	70.0					
26	08:17	1000' 2000'	2350'	70.0	16.20	94%		101.90	
26	08:26								10-20
26	08:36								10-20
26	08:42	1000' 2000'	2400'	70.0					
26	08:44	1000' 2000'	2350'	70.0	16.28	94%		101.89	10-20

Wagon to table

22

DATE	TIME	DESCRIPTION	AMOUNT	BALANCE	CASH	CHECKS	TOTAL	DEBIT		CREDIT		REMARKS
								AMOUNT	PERCENT	AMOUNT	PERCENT	
22	10:30											
22	10:30	Wagon to table	1.75	1.75								
22	10:30	Wagon to table	1.75	3.50								
	1	1.00	4.50									
	2	1.00	5.50									
	3	1.00	6.50									
	4	1.00	7.50									
23	10:30											
23	10:30	Wagon to table	1.75	9.25								
23	10:30	Wagon to table	1.75	11.00								



Alipua 31 3/15/94

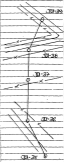


Date	Time	Locality	No. of birds	No. of species	Sex	Age	Remarks	Observation		Remarks	Remarks
								Time	Time		
31	17:30	ALIPUA									
1E	18:30	ALIPUA	10000	153							
1W	18:30	ALIPUA	10000	152							
31	18:30	ALIPUA									
1E	18:30	ALIPUA	11000	150							
1W	18:30	ALIPUA	11000	149							
31	18:30	ALIPUA									
1E	18:30	ALIPUA	11500	156							
1W	18:30	ALIPUA	11500	155							

RIDGEWAY TO 30th St

12
101

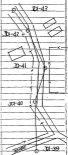
No.	Date	Description	Rate	Amount		Total	Remarks
				Debit	Credit		
36	11-31						
37	12-31	1800	1800		1800		
38	12-31	195	195		195		
39	12-31	152	152		152		
40	12-31	180	180		180		



Regional 701 2/15/85

22
100
100

LINE NO.	LINE TYPE	LINE NAME	LINE CLASS	LINE STATUS	LINE LENGTH	LINE RATE	LINE COST	COST BREAKDOWN		TOTAL COST	REMARKS
								BASE COST	ADDITIONAL COST		
41	152	DI-40									
41	152	DI-39 (CONCRETE) 10000' 10000' 152			10.00	1.00	20.00				DI-43
41	152	DI-40 (CONCRETE) 10000' 10000' 152			10.00	1.00	20.00				DI-42
42	152	DI-41									DI-41
42	152	DI-40 (CONCRETE) 10000' 10000' 152			10.00	1.00	20.00				DI-41
43	152	DI-42									DI-42
43	152	DI-41 (CONCRETE) 10000' 10000' 152			10.00	1.00	20.00				DI-40
43	152	DI-42 (CONCRETE) 10000' 10000' 152			10.00	1.00	20.00				DI-39



PLANNING DIV. 3/15/65

RE
 100
 100

NO.	NAME	TYPE	CLASS	AREA	VOL.	DATE	PLANNING DIV.		PLANNING DIV.		TOTAL	REMARKS
							NO.	DATE	NO.	DATE		
44	TR-42											
	TR-42	CONCRETE	DRIVE	1.3000	1.3000	1963						
	TR-44	CONCRETE	DRIVE	1.3000	1.3000	1963						
	TR-44	CONCRETE	DRIVE	1.3000	1.3000	1963						
45	TR-44											
	TR-44	CONCRETE	DRIVE	2.5000	2.5000	1963						
	TR-45	CONCRETE	DRIVE	1.0000	1.0000	1963						
46	TR-45											
	TR-44	CONCRETE	DRIVE	1.0000	1.0000	1963						
	TR-44	CONCRETE	DRIVE	1.0000	1.0000	1963						

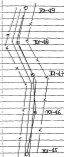


+ 534.8

100097

Reynolds 34

DATE	TIME	FROM	TO	MILES	SPEED	MILES PER HOUR		MILES PER GALLON	GALLONS PER HOUR	REMARKS
						ACTUAL	ESTIMATED			
47	12-46									
47	12									
47	12-45	100000	10200	151						
47	12-42	103200	10500	152	10.24	1.25	21.120			12-49
4										
48	12-47									
48	12									
48	12-46	100000	10200	148						
48	12-48	103000	10500	149	10.23	1.25	20.880			12-48
11										
49	12-49									
49	12									
49	12-41	100000	10200	153						
49	12-49	103200	10500	153	10.40	1.10	20.800			12-47
										12-46
										12-45



Reignum 2/15/95



Date	Time	Name	Age	Sex	Ht	Wt	Build	Hair	Eyes	Complexion	Other	Remarks	Fingerprints	Photograph	Signature	Initials	Remarks	
																		Color
50	20-49																	10-53
51	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-54
52	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-55
53	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-56
54	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-57
55	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-58
56	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-59
57	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-60
58	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-61
59	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-62
60	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-63
61	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-64
62	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-65
63	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-66
64	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-67
65	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-68
66	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-69
67	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-70
68	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-71
69	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-72
70	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-73
71	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-74
72	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-75
73	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-76
74	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-77
75	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-78
76	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-79
77	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-80
78	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-81
79	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-82
80	21-49	David B. Davis	1980	M	175	150	Slender	Brown	Blue	Fair								10-83

Polypore 21 2/29/95

21

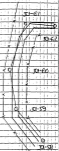
STATION	DATE	TIME	LATITUDE	LONGITUDE	DEPTH	TEMPERATURE			SPEED	DIRECTION	WIND	SEA	REMARKS
						Surf	1m	10m					
22	2/29/95												
23	2/29/95	10:00	38° 52'	122° 52'	1500	15.0	14.8	14.5	1.5	140	15.0		10-56
24	2/29/95	10:05	38° 51'	122° 51'	1500	15.0	14.8	14.5	1.5	140	15.0		10-55
25	2/29/95	10:10	38° 50'	122° 50'	1500	15.0	14.8	14.5	1.5	140	15.0		10-54
26	2/29/95	10:15	38° 49'	122° 49'	1500	15.0	14.8	14.5	1.5	140	15.0		10-53
27	2/29/95	10:20	38° 48'	122° 48'	1500	15.0	14.8	14.5	1.5	140	15.0		10-52



Diagram of a test

22
11/11

No.	Date	Time	Description	Temp.	Wind	Humidity	Barometer		Remarks
							Reading	Reduction	
60	7/1-59								
61	7/1-59	06:00	34.5	200	100				
62	7/1-59	08:00	34.5	200	100	3.0	1.0	20.0	
63	7/1-59	10:00	34.5	200	100	3.0	1.0	20.0	
64	7/1-59	12:00	34.5	200	100	3.0	1.0	20.0	
65	7/1-59	14:00	34.5	200	100	3.0	1.0	20.0	
66	7/1-59	16:00	34.5	200	100	3.0	1.0	20.0	
67	7/1-59	18:00	34.5	200	100	3.0	1.0	20.0	
68	7/1-59	20:00	34.5	200	100	3.0	1.0	20.0	
69	7/1-59	22:00	34.5	200	100	3.0	1.0	20.0	
70	7/1-59	24:00	34.5	200	100	3.0	1.0	20.0	



5154

00102

Response to 3/14/65

2

NO.	DATE	TIME	LATITUDE		LONGITUDE	SPEED	DIRECTION	DEPTH	TEMP.	PRESS.	WIND	SEA	VISIB.	CLOUDS	MOON	STARS	REMARKS	
			DR.	LONG.														
63	10-62																	0-31-65
64	10-62																	0-31-65
64	10-62																	0-31-65
65	10-63																	0-31-65
66	10-63																	0-31-65
67	10-64																	0-31-65
68	10-64																	0-31-65
69	10-64																	0-31-65

2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100

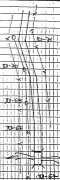
No.	Date	Particulars	Debit	Credit	Balance	Interest		Total	Remarks
						Debit	Credit		
68	10-68								
68	10-68	10000	5000	150					
68	10-68	10000	5000	150	5000		10000		
68	10-68								
68	10-68								
68	10-68	10000	5000	150					
68	10-68	10000	5000	150	5000		10000		
		1	10000	5000	150				
		2	10000	5000	150				
		3	10000	5000	150				
		4	10000	5000	150				



Report to [unclear]

72

No.	Date	Description	Rate	Amount	Balance	Debit		Credit		Total
						Dr.	Cr.	Dr.	Cr.	
69	10-68									
152										
70	10-68	10000	10000	10000						
152										
71	10-69	10000	10000	10000						
152										
72	10-70	10000	10000	10000						
152										



No.	Date	Description	Rate	Time	Total	Interest		Balance
						Rate	Time	
72	10-31							
72	10-31	10-31 10000 5%	10000	150				
72	10-31	10-31 10000 5%	10000	150	10%	1000	216.25	
73	10-31							
73	10-31	10-31 10000 5%	10000	150				
73	10-31	10-31 10000 5%	10000	150	10%	1000	216.25	
74	10-31							
74	10-31	10-31 10000 5%	10000	150				
74	10-31	10-31 10000 5%	10000	150	10%	1000	216.25	
75	10-31							
75	10-31	10-31 10000 5%	10000	150				
75	10-31	10-31 10000 5%	10000	150	10%	1000	216.25	



Report on ...

24

No.	Date	Time	Type	Code	Rate	No. of ...	No. of ...	Actual		Budget		Total
								
70	12-28											
71	12-28											
72	12-28											
73	12-28											
74	12-28											



NO.	DATE	TIME	STATION		MILE	NO.	OF	PI	ELEVATION		DIFFERENCE		REMARKS
			START	END					+	-	+	-	
60	10-29												
PI	156	10-29	0000	3.5930	1000	156							10-63
MARK	10-29	152.1000	59.3000	1000	156	100.00	0.75			100.75			10-62
"													
61	10-30												
PI	156	10-29	0000	3.6850	1000	156							10-61
MARK	10-30	152.1000	59.8750	1000	156	100.00	0.80			100.80			10-61
"													
62	10-31												
PI	161	10-30	0000	4.0000	1000	161							10-60
MARK	10-31	152.1000	60.0000	1000	161	100.00	1.00			101.00			10-60
"													
63	11-02												
PI	157	10-31	0000	60.1305	1000	157							10-59
MARK	10-31	152.1000	60.2805	1000	157	100.00	1.00			101.00			10-59





No.	Date	Time	Location		No.	Type	Miles		Miles	Miles	Miles	Miles
			From	To			From	To				
84	12-13											
159												
RE	12-13 00000 9/13/40		240	150								
WAVE	12-13 20000 8/13/35		240	150	32.01	1.00		20.24				
85	12-14											
159												
RE	12-14 00000 9/13/40		250	154								
WAVE	12-14 20000 8/14/35		250	154	42.0	1.00		41.00				
86	12-15											
156												
RE	12-15 00000 9/14/40		450	156								
WAVE	12-15 20000 8/15/35		450	156	45.0	1.00		43.00				
87	12-16											
150												
RE	12-16 00000 9/14/30		450	150								
WAVE	12-16 20000 8/16/35		450	150	45.0	1.00		43.00				



Report on Expenses

71

No.	Date	Particulars	Debit	Credit	Balance	Total		Particulars	Debit	Credit	Balance
58	10-49										
AE	10-49	10-49									
WAGE	10-49	10-49									
59	10-49										
AE	10-49	10-49									
WAGE	10-49	10-49									
60	10-49										
AE	10-49	10-49									
WAGE	10-49	10-49									
61	10-49										
AE	10-49	10-49									
WAGE	10-49	10-49									



No.	Date	Time	Location		Elev.	Wind	Temp.	Humid.	Dir.	Speed	Remarks
			Lat.	Long.							
96	12-31										
95	12-31										
94	12-31										
93	12-31										
92	12-31										
91	12-31										



1958-1959

No.	Date	Particulars	Debit	Credit	Balance	Interest		Dividend		Total
						Debit	Credit	Debit	Credit	
98	12-35									
198										
98	12-36	1000			1000					
198										
98	12-37	1000			1000					
198										
98	12-38	1000			1000					
198										
98	12-39	1000			1000					
198										
98	12-40	1000			1000					
198										
98	12-41	1000			1000					
198										
98	12-42	1000			1000					
198										
98	12-43	1000			1000					
198										
98	12-44	1000			1000					
198										
98	12-45	1000			1000					
198										
98	12-46	1000			1000					
198										
98	12-47	1000			1000					
198										
98	12-48	1000			1000					
198										
98	12-49	1000			1000					
198										
98	12-50	1000			1000					
198										



Algebra *70* *10/10/19*



DATE
PAGE

Date	Time	Page	Topic		No. of Questions	No. of Answers	No. of Marks	Percentage		No. of Correct	No. of Wrong	Total Marks	Remarks
			Question	Answer				Correct	Wrong				
10/10/19	10-15	100											10-15
10/10/19	15-20	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	15-20
10/10/19	20-25	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	20-25
10/10/19	25-30	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	25-30
10/10/19	30-35	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	30-35
10/10/19	35-40	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	35-40
10/10/19	40-45	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	40-45
10/10/19	45-50	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	45-50
10/10/19	50-55	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	50-55
10/10/19	55-60	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	55-60
10/10/19	60-65	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	60-65
10/10/19	65-70	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	65-70
10/10/19	70-75	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	70-75
10/10/19	75-80	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	75-80
10/10/19	80-85	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	80-85
10/10/19	85-90	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	85-90
10/10/19	90-95	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	90-95
10/10/19	95-100	100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	95-100

Report to 02/06/85

RL

Date	Time	Location	Species	Count	Sex	Age	Weight	Wing	Tarsus	Middle toe	Bill	Culmen	Gape	Notes
10/1	10:00													
10/1	10:00	30-105	Red-winged Blackbird	152										30-107
10/1	10:00	30-105	Red-winged Blackbird	152	Male									30-108
10/1	10:00	30-105	Red-winged Blackbird	152	Female									30-109
10/1	10:00	30-105	Red-winged Blackbird	152	Female									30-110
10/1	10:00	30-105	Red-winged Blackbird	152	Female									30-111
10/1	10:00	30-105	Red-winged Blackbird	152	Female									30-112
10/1	10:00	30-105	Red-winged Blackbird	152	Female									30-113
10/1	10:00	30-105	Red-winged Blackbird	152	Female									30-114
10/1	10:00	30-105	Red-winged Blackbird	152	Female									30-115

REPORT OF OPERATIONS

21

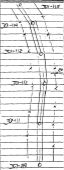
DATE	TIME	TYPE	CLASS	NO.	RANGE	MILES	SPEED	DIRECTION		WIND	SEA	REMARKS
								TO	FROM			
102	20-10											20-11
102	20-10	30-10	30-10	100	100	100	100					20-11
102	20-10	30-10	30-10	100	100	100	100					20-11
103	20-10											20-11
103	20-10	30-10	30-10	100	100	100	100					20-11
103	20-10	30-10	30-10	100	100	100	100					20-11
104	20-10											20-11
104	20-10	30-10	30-10	100	100	100	100					20-11
104	20-10	30-10	30-10	100	100	100	100					20-11
105	20-10											20-11
105	20-10	30-10	30-10	100	100	100	100					20-11
105	20-10	30-10	30-10	100	100	100	100					20-11

Reliquat K. G. G. G. G.

22

100
100
100

No.	Date	Description	Meters	No.	Meters		Meters	Meters
					1	2		
112	10-10							
112	10-10	10-10 1000' 1000'	1000	112				
112	10-10	10-10 1000' 1000'	1000	112	100	100	1000	10-10
113	10-10							
113	10-10	10-10 1000' 1000'	1000	113				
113	10-10	10-10 1000' 1000'	1000	113	100	100	1000	10-10
114	10-10							
114	10-10	10-10 1000' 1000'	1000	114				
114	10-10	10-10 1000' 1000'	1000	114	100	100	1000	10-10
115	10-10							
115	10-10	10-10 1000' 1000'	1000	115				
115	10-10	10-10 1000' 1000'	1000	115	100	100	1000	10-10



Plaque de cotes

XL

11/11/11
11/11/11

N°	Date	Cote	Cote		Cote	Cote	Cote	Cote	Cote		Cote	Cote	Cote	Cote
			1	2					3	4				
106	10-10													
107	10-10													
108	10-10													
109	10-10													
110	10-10													
111	10-10													
112	10-10													
113	10-10													
114	10-10													
115	10-10													
116	10-10													
117	10-10													
118	10-10													
119	10-10													
120	10-10													



Release to article

22

No.	Date	Time	Name		Age	Sex	Color	No. of tooth	Measure		Measure		No. of tooth	Measure	Remarks
			Upper	Lower					Upper	Lower	Upper	Lower			
100															301-102
101															301-102
102															
103															
104															
105															
106															
107															
108															
109															
110															
111															
112															
113															
114															
115															
116															
117															
118															
119															
120															



Allegiant 74 07/04/15

22

LINE	ITEM	QTY	UNIT	PRICE	AMOUNT	TAX	TOTAL	DESCRIPTION		DATE	TIME	STATUS
								UNIT	PRICE			
164	162											
165	163											
166	164											
167	165											
168	166											
169	167											
170	168											
171	169											
172	170											
173	171											
174	172											
175	173											
176	174											
177	175											
178	176											
179	177											
180	178											



El. Panel No. 12/13/14

76

No.	Date	Time	From		To	Rate	No.	Amount		Total	Remarks
			Account	Account				Debit	Credit		
120	12-12										
121	12-12										
122	12-12										
123	12-12										
124	12-12										
125	12-12										
126	12-12										
127	12-12										
128	12-12										
129	12-12										
130	12-12										
131	12-12										
132	12-12										
133	12-12										
134	12-12										
135	12-12										
136	12-12										
137	12-12										
138	12-12										
139	12-12										
140	12-12										
141	12-12										
142	12-12										
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145	12-12										
146	12-12										
147	12-12										
148	12-12										
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183	12-12										
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190	12-12										
191	12-12										
192	12-12										
193	12-12										
194	12-12										
195	12-12										
196	12-12										
197	12-12										
198	12-12										
199	12-12										
200	12-12										



Rigging Log

No.	Date	Description	Rate	Amount	Balance	Total		Remarks
						Debit	Credit	
131	11-10							
132	11-11	10-1000 5000 150	150					
133	11-12	10-1000 5000 150	150					
134	11-13	10-1000 5000 150	150					
135	11-14	10-1000 5000 150	150					
136	11-15	10-1000 5000 150	150					
137	11-16	10-1000 5000 150	150					
138	11-17	10-1000 5000 150	150					
139	11-18	10-1000 5000 150	150					
140	11-19	10-1000 5000 150	150					
141	11-20	10-1000 5000 150	150					
142	11-21	10-1000 5000 150	150					
143	11-22	10-1000 5000 150	150					
144	11-23	10-1000 5000 150	150					
145	11-24	10-1000 5000 150	150					
146	11-25	10-1000 5000 150	150					
147	11-26	10-1000 5000 150	150					
148	11-27	10-1000 5000 150	150					
149	11-28	10-1000 5000 150	150					
150	11-29	10-1000 5000 150	150					
151	11-30	10-1000 5000 150	150					



Aligouet JV 12/16/95

2

Nov 22

11/22

No	Date	Description	Debit	Credit	Balance	Interest		Total	Remarks
						Debit	Credit		
135	12/17/95								
Ac	12-133	0000	855.00	600					
WAVE	12-135	0000	862.00	450	12.00	120		250.00	

136	12-135								
Ac	12-134	0000	3132.55	450					
WAVE	12-136	1832	1548.00	250	12.00	150		241.00	

137	12-136								
Ac	12-135	0000	3110.00	650					
WAVE	12-137								
	P1	231.00	650						
	P2	235.00	300						
	P3	318.00	300						
	P4	305.50	450						
	P5	308.50	250						



22

Aluminum 500 20/25/30 20/25/30 20/25/30 20/25/30 10/15/20

No.	Date	Time	Lat	Long	Alt	Wind	Temp	Humid	Press	Wind	Temp	Humid	Press	Remarks
04	12-03													
05	12-03													Clear Sky
06	12-03													
07	12-03													
08	12-03													
09	12-03													
10	12-03													
11	12-03													
12	12-03													
13	12-03													
14	12-03													
15	12-03													
16	12-03													
17	12-03													
18	12-03													
19	12-03													
20	12-03													
21	12-03													
22	12-03													
23	12-03													
24	12-03													
25	12-03													
26	12-03													
27	12-03													
28	12-03													
29	12-03													
30	12-03													

Release for release *Private Property*

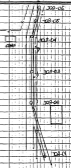


DATE	TIME	LOCATION		TYPE	STATUS	NO. OF	MATERIAL		NO. OF	NO. OF	REMARKS
		START	END				IN	OUT			
01	12:15										255 512
02	12:15										
03	12:15	12-12	12:15	12:15	12:15						255 512
04	12:15	12-12	12:15	12:15	12:15	12:15	12:15				255 512
05	12:15										
06	12:15										
07	12:15	12-12	12:15	12:15	12:15						255 512
08	12:15	12-12	12:15	12:15	12:15	12:15	12:15				255 512
09	12:15										
10	12:15										
11	12:15										
12	12:15										
13	12:15										
14	12:15										
15	12:15										
16	12:15										
17	12:15										
18	12:15										
19	12:15										
20	12:15										
21	12:15										
22	12:15										
23	12:15										
24	12:15										
25	12:15										
26	12:15										
27	12:15										
28	12:15										
29	12:15										
30	12:15										

Diagram 200 *etc. to* *Barrio/Unas*

XL

No.	Name	Age	Sex	Marital	Profession	Income	Assets	Liabilities	Net Worth	Remarks	Date
100	1900-06
101	1900-05
102	1900-04
103	1900-03
104	1900-02
105	1900-01



Report No. 102 October

22

No.	Date	Description	Rate	Amount	Balance	Debit		Credit		Total
						By	Amount	By	Amount	
101	10-01									100.00
102	10-01	100.00	100.00	100.00						200.00
103	10-01	100.00	100.00	100.00						300.00
104	10-01	100.00	100.00	100.00						400.00
105	10-01	100.00	100.00	100.00						500.00
106	10-01	100.00	100.00	100.00						600.00
107	10-01	100.00	100.00	100.00						700.00
108	10-01	100.00	100.00	100.00						800.00
109	10-01	100.00	100.00	100.00						900.00
110	10-01	100.00	100.00	100.00						1000.00



1981-82 288 288/288

22

No.	Date	Particulars	L.A.	L.S.	L.C.	Total		Balance	Date
						Dr.	Cr.		
11	198-10								28-14
	198-10								
12	198-11								28-13
	198-11								
13	198-12								28-12
	198-12								
14	198-13								28-11
	198-13								
15	198-14								28-10
	198-14								

Report for 1985

21

Date	Time	Location	Species	Sex	Age	Weight	Measurements		Wing	Tail	Tarsus	Middle toe	Bill	Culmen	Gape	Notes
							Wing	Tail								
15	10:00															
15	10:00															
15	10:15	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18
15	10:15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15
16	10:00															
16	10:00															
16	10:15	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18
16	10:15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15
17	10:00															
17	10:00															
17	10:15	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18
17	10:15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15
18	10:00															
18	10:00															
18	10:15	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18	100-18
18	10:15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15	100-15

306.10

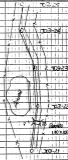
1871.65

100129

Pliquid 100 cc. beta

21

Date	Time	Type	No. of Plasma	No. of RBCs	No. of WBCs	No. of Platelets	Hematocrit		Hemoglobin		Remarks
							g/l	%	g/l	%	
23	10:30 AM										
24	10:30 AM	100-21 100% PLASMA									
24	10:30 AM	100-22 100% PLASMA									
		P1 3000000	1500	6000							
		P2 3000000	1800	6000							
24	10:30 AM										
24	10:30 AM	100-23 100% PLASMA									
24	10:30 AM	100-24 100% PLASMA									
		P1 3000000	2300	1500							
		P2 3000000	2400	1500							
25	1:30 PM										
25	1:30 PM	100-25 100% PLASMA									
25	1:30 PM	100-26 100% PLASMA									
		P1 3000000	2300	1500							
		P2 3000000	2000	1500							



DATE	TIME	FROM	TO	BY	REASON	DURATION		COST		REMARKS
						START	STOP	EST.	ACT.	
26	12:25									201.50
27	12:25	ALCOA								201.50
28	12:25	ALCOA								201.50
29	12:25	ALCOA								201.50
30	12:25	ALCOA								201.50
31	12:25	ALCOA								201.50
32	12:25	ALCOA								201.50
33	12:25	ALCOA								201.50
34	12:25	ALCOA								201.50
35	12:25	ALCOA								201.50
36	12:25	ALCOA								201.50
37	12:25	ALCOA								201.50
38	12:25	ALCOA								201.50
39	12:25	ALCOA								201.50
40	12:25	ALCOA								201.50
41	12:25	ALCOA								201.50
42	12:25	ALCOA								201.50
43	12:25	ALCOA								201.50
44	12:25	ALCOA								201.50
45	12:25	ALCOA								201.50
46	12:25	ALCOA								201.50
47	12:25	ALCOA								201.50
48	12:25	ALCOA								201.50
49	12:25	ALCOA								201.50
50	12:25	ALCOA								201.50

WATER TO GARDEN

Date	Time	From	To	Rate	No. of	Amount		Total	Remarks
						Received	Balance		
13	12-19								12-19
14	12-20	10000	10000	10000	10000				12-20
15	12-21	10000	10000	10000	10000	10000	10000	20000	12-21
16	12-22								
17	12-23	10000	10000	10000	10000				12-23
18	12-24	10000	10000	10000	10000	10000	10000	20000	12-24
19	12-25								
20	12-26	10000	10000	10000	10000				12-26
21	12-27	10000	10000	10000	10000	10000	10000	20000	12-27
22	12-28								
23	12-29	10000	10000	10000	10000				12-29
24	12-30	10000	10000	10000	10000	10000	10000	20000	12-30
25	12-31								

Date	Time	Locality	Elevation	Wind	Temp	Humidity	Observations		Remarks
							Time	Temp	
24	152	103-23							103-23
24	152	103-23 (10000) 103-23							103-23
24	152	103-23 (10000) 103-23							103-23
25	152	103-24							103-24
25	152	103-24 (10000) 103-24							103-24
25	152	103-24 (10000) 103-24							103-24
26	152	103-25							103-25
26	152	103-25 (10000) 103-25							103-25
26	152	103-25 (10000) 103-25							103-25
27	152	103-26							103-26
27	152	103-26 (10000) 103-26							103-26
27	152	103-26 (10000) 103-26							103-26

Date	Description	Rate	Hours	Rate	Total	Amount		Amount		Total
						Before	After	+	-	
38	10-1-95									10-1-95
38	10-1-95									10-1-95
38	10-1-95									10-1-95
39	10-2-95									10-2-95
39	10-2-95									10-2-95
39	10-2-95									10-2-95
40	10-3-95									10-3-95
40	10-3-95									10-3-95
40	10-3-95									10-3-95
41	10-4-95									10-4-95
41	10-4-95									10-4-95
41	10-4-95									10-4-95



Estación	Cota	Elevación	Cota	Cota	Cota	Cota	Distancia		Cota	Cota	Cota	Cota
							Horizontal	Vertical				
42	150	100.00										
42	150	100.00	100.00	100.00	100.00	100.00						
42	150	100.00	100.00	100.00	100.00	100.00	75.31		100.00		100.00	100.00
												X
43	163	100.00										
43	163	100.00	100.00	100.00	100.00	100.00						
43	163	100.00	100.00	100.00	100.00	100.00	61.82		100.00		100.00	100.00
44	155	100.00										
44	155	100.00	100.00	100.00	100.00	100.00						
44	155	100.00	100.00	100.00	100.00	100.00	45.38		100.00		100.00	100.00



Date	Time	Latitude		Longitude	Altitude	Azimuth	Distance		Speed		Remarks
		N	E				km	mi	km/hr	mi/hr	
15	12-45										101-40
15B											
16	12-43	101-40	158-25	158-25	158						
16B	12-45	101-40	158-25	158-25	158	80.00	3.50			200.00	101-40
16C											
16	12-45										101-40
16B	12-44	101-40	158-25	158-25	158						
16B	12-45	101-40	158-25	158-25	158	80.00	3.50			200.00	101-40
16C											
16	12-45										101-40
16B	12-44	101-40	158-25	158-25	158						
16B	12-45	101-40	158-25	158-25	158	80.00	3.50			200.00	101-40
16C											
16	12-45										101-40
16B	12-44	101-40	158-25	158-25	158						
16B	12-45	101-40	158-25	158-25	158	80.00	3.50			200.00	101-40
16C											
16	12-45										101-40
16B	12-44	101-40	158-25	158-25	158						
16B	12-45	101-40	158-25	158-25	158	80.00	3.50			200.00	101-40
16C											

236.87

4.453.85

000137



Part III Schedule A Line 8	Part III Schedule A Line 9	Part III Schedule A Line 10	Part III Schedule A Line 11		Part III Schedule A Line 12	Part III Schedule A Line 13	Part III Schedule A Line 14	Part III Schedule A Line 15		Part III Schedule A Line 16	Part III Schedule A Line 17	Part III Schedule A Line 18
			Part III Schedule A Line 11a	Part III Schedule A Line 11b				Part III Schedule A Line 15a	Part III Schedule A Line 15b			
48	2014											
49	2014	2014-10-01	2014-12-31	2130	157							2014
50	2014	2014-01-01	2014-12-31	5300	*	5180	400	—		312,200		
51	2014											2014
52	2014	2014-01-01	2014-12-31	2900	104							2014
53	2014	2014-01-01	2014-12-31	2400	*	2286	114	—	2.00	325,400		2014
54	2014											2014
55	2014	2014-01-01	2014-12-31	2400	155							2014
56	2014	2014-01-01	2014-12-31	1200	*	1080	—	2.00		219,314		2014
57	2014											2014
58	2014	2014-01-01	2014-12-31	1000	157							2014
59	2014	2014-01-01	2014-12-31	1200	**	1120	80	—		313,200		2014

Contract No. 100-1000

71

LINE NO.	ITEM NO.	QUANTITY	UNIT PRICE		TOTAL PRICE	TAX	DISCOUNT		NET PRICE	TOTAL	REMARKS
			UNIT PRICE	AMOUNT			AMOUNT	PERCENT			
53	100-52										
54	100-51	100000	80.14	80140.00	1400	100%			321,520		
54A	100-51	100000	80.14	80140.00	1400	100%			321,520		
55	100-53										
56	100-52										
57	100-52	100000	80.14	80140.00	1400	100%			321,520		
57A	100-52	100000	80.14	80140.00	1400	100%			321,520		
58	100-54										
59	100-53	100000	80.14	80140.00	1400	100%			321,520		
59A	100-53	100000	80.14	80140.00	1400	100%			321,520		
60	100-55										
61	100-54	100000	80.14	80140.00	1400	100%			321,520		
61A	100-54	100000	80.14	80140.00	1400	100%			321,520		

William J. B. 66105 55



NO. 1
NO. 2

No.	Date	Description	Rate	No.	Rate	Amount		Balance		Remarks
						Debit	Credit	Forward	Balance	
11	11-10									
12	11-11									11-11
13	11-12	11-12 11-12	11-12	11-12	11-12					
14	11-13	11-13 11-13	11-13	11-13	11-13	11.21		7.00	251.260	
15	11-14									
16	11-15	11-15 11-15	11-15	11-15	11-15					11-15
17	11-16	11-16 11-16	11-16	11-16	11-16	6.03		5.40	254.821	
18	11-17									11-17
19	11-18	11-18 11-18	11-18	11-18	11-18					
20	11-19	11-19 11-19	11-19	11-19	11-19	6.48		5.40	258.341	
21	11-20									11-20
22	11-21	11-21 11-21	11-21	11-21	11-21					
23	11-22	11-22 11-22	11-22	11-22	11-22					11-22
24	11-23	11-23 11-23	11-23	11-23	11-23	6.21		2.00	256.342	
25	11-24									11-24

25.41

13.41 51

000140



DATE: 11/11/11
 TIME: 10:00 AM

STATION	ELEVATION	ADJUSTED		ELEVATION	ELEVATION	ELEVATION	ADJUSTED		ADJUSTED		REMARKS
		ADJUSTED	ADJUSTED				+	-	ADJUSTED	ADJUSTED	
52	156	101-56									
42	156	101-55 (101-55)	101-55	101-55	156						0 101-55
40	156	101-53 (101-53)	101-53	101-53	156	101-53	156			213.400	
52	156	101-52									
42	156	101-55 (101-55)	101-55	101-55	156						101-55 0
40	156	101-55 (101-55)	101-55	101-55	156	101-55	156			210.741	
52	156	101-52									0 101-52
42	156	101-52 (101-52)	101-52	101-52	156						
40	156	101-52 (101-52)	101-52	101-52	156	101-52	156			307.820	101-52 0
60	157	101-59									
42	157	101-58 (101-58)	101-58	101-58	157						101-58 0
40	157	101-58 (101-58)	101-58	101-58	157	101-58	157			307.341	

Reliance Co. 10/10/10

31

Date	Particulars	Debit	Credit	Balance	Debit	Credit	Total		Balance
							Debit	Credit	
65	10-24								
65	10-24								
65	10-24	10000	8000	2000	10000	8000			
65	10-24	10000	8000	2000	10000	8000	2000	2000	2000
66	10-25								
66	10-25								
66	10-25	10000	8000	2000	10000	8000			
66	10-25	10000	8000	2000	10000	8000	2000	2000	2000
67	10-26								
67	10-26								
67	10-26	10000	8000	2000	10000	8000			
67	10-26	10000	8000	2000	10000	8000	2000	2000	2000
68	10-27								
68	10-27								
68	10-27	10000	8000	2000	10000	8000			
68	10-27	10000	8000	2000	10000	8000	2000	2000	2000
69	10-28								
69	10-28								
69	10-28	10000	8000	2000	10000	8000			
69	10-28	10000	8000	2000	10000	8000	2000	2000	2000
70	10-29								
70	10-29								
70	10-29	10000	8000	2000	10000	8000			
70	10-29	10000	8000	2000	10000	8000	2000	2000	2000

250.00

6-24-10

000140

Warrant No. 0206/05

21
 2005
 1000

No.	Date	Particulars	Amount	By	To	Balance		Total	
						Dr.	Cr.	Dr.	Cr.
68	2005-08								
69	2005-08	1000000	1000000	1000000	1000000				
70	2005-09								
71	2005-09	1000000	1000000	1000000	1000000				
72	2005-10								
73	2005-10	1000000	1000000	1000000	1000000				
74	2005-11								
75	2005-11	1000000	1000000	1000000	1000000				
76	2005-12								
77	2006-01	1000000	1000000	1000000	1000000				
78	2006-02								
79	2006-03	1000000	1000000	1000000	1000000				
80	2006-04								
81	2006-05	1000000	1000000	1000000	1000000				
82	2006-06								
83	2006-07	1000000	1000000	1000000	1000000				
84	2006-08								
85	2006-09	1000000	1000000	1000000	1000000				
86	2006-10								
87	2006-11	1000000	1000000	1000000	1000000				
88	2006-12								
89	2007-01	1000000	1000000	1000000	1000000				
90	2007-02								
91	2007-03	1000000	1000000	1000000	1000000				
92	2007-04								
93	2007-05	1000000	1000000	1000000	1000000				
94	2007-06								
95	2007-07	1000000	1000000	1000000	1000000				
96	2007-08								
97	2007-09	1000000	1000000	1000000	1000000				
98	2007-10								
99	2007-11	1000000	1000000	1000000	1000000				
100	2007-12								

200,000

2,716,000

000143



DATE: _____
PAGE: _____

DATE	PARTS	QTY	AMOUNT		UNIT PRICE	TOTAL	REMARKS		REMARKS
			PAID	DUED			TO	BY	
23	79-23								
	155								
24	79-24								
	155								
25	79-25								
	152								
26	79-26								
	152								

1541

1157

000149



Line	Date	Time	Activity		Rate	No. of	Results		Abundance	Quality		Remarks
			Start	End			Observed	Corrected		+	-	
R1		100-80										
	152											
R2		101-70 100-80	90-80		1000	152						
DATE		02-81 100-70	01-81		1000	"	61.20		2.90		280.647	
R3		101-60										
	152											
R4		101-50 100-40	90-40		1000	152						
DATE		02-81 100-40	01-81		1000	"	48.70		1.10		2.78.970	
R5		101-40										
	152											
R6		101-30 100-20	90-20		1000	152						
DATE		02-81 100-20	01-81		1000	"	93.61		3.94		2.35.864	
R7		101-20										
	152											
R8		101-10										
	152											



Time	Wind	Wind Dir	Temp		Wet Bulb	Dry Bulb	Wet Bulb Dep	Relative Humidity		Wind Gust		Remarks
			Air	Surf				%	%	Max	Min	
04			70.63									
151												
05			70.50 (00000)	69.45 (0)		69.30	151					70.54 0
Wind		23.84	10550	10150		101.70	"	100.70	3.1	---		201.211
06			70.64									70.65 0
152												
07			70.55 (00000)	69.50 (0)		69.30	152					70.64
Wind		22.85	10550	10150		101.80	"	101.10	1.16	---		201.041
08			70.65									70.64
153												
09			70.64 (00000)	69.50 (0)		69.30	153					70.63
Wind		22.55	10550	10150		101.70	"	101.30	0.81	---		201.113
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

March 23 1953

21

Date	Time	Location		Wind	Temp	Humidity		Pressure		Remarks
		Lat	Long			%	h	h	h	
22	0450									
	150									
22	0500	000000	000000	0500	152					
0505	0500	000000	000000	0500	152	98.00	0.00		280.566	
0510	0500									
	150									
22	0500	000000	000000	0500	152					
0505	0500	000000	000000	0500	152	98.00	0.00		280.532	
0510	0500									
	150									
22	0500	000000	000000	0500	152					
0505	0500	000000	000000	0500	152	98.00	0.00		280.520	
0510	0500									
	150									
22	0500	000000	000000	0500	152					
0505	0500	000000	000000	0500	152	98.00	0.00		280.706	

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Invoice No.	Invoice Date	Invoice Description		Invoice No.	Invoice Date	Invoice Total	Amount Paid	Balance Due	Invoice No.	Invoice Date	Invoice Total	Amount Paid	Balance Due
		Particulars	Particulars										
91	80												
12	81	10000	10000	10000	81	10000							
10000	81	10000	10000	10000	81	10000	10000						
92	81												
12	82	10000	10000	10000	82	10000							
10000	82	10000	10000	10000	82	10000	10000						
93	82												
12	83	10000	10000	10000	83	10000							
10000	83	10000	10000	10000	83	10000	10000						
94	83												
12	84	10000	10000	10000	84	10000							
10000	84	10000	10000	10000	84	10000	10000						

Midwest 703 Cattle Co

11 5/10
 11 11/10
 11 12/10

Date	No.	No.	Breed		No.	No.	Weight		No.	No.	No.	No.
			1	2			1	2				
95	153	94										307-001
10/1	94	10000	SP-10		10000	100						
10/1	95	10000	SP-10		10000	100						
96	154	95										307-002
10/1	94	10000	SP-10		10000	100						
10/1	95	10000	SP-10		10000	100						
97	155	96										307-003
10/1	95	10000	SP-10		10000	100						
10/1	96	10000	SP-10		10000	100						
98	156	97										307-004
10/1	96	10000	SP-10		10000	100						
10/1	97	10000	SP-10		10000	100						

107.00

8 145.00

600.50

Alameda *10/1* *10/15/50*



10/15/50

Line	Date	Description	Amount	Balance	Debit		Credit		Total
					Debit	Credit	Debit	Credit	
99	98								108.40
100	99								108.40
101	100								108.40
102	101								108.40
103	102								108.40
104	103								108.40
105	104								108.40
106	105								108.40
107	106								108.40
108	107								108.40
109	108								108.40
110	109								108.40
111	110								108.40
112	111								108.40
113	112								108.40
114	113								108.40
115	114								108.40
116	115								108.40
117	116								108.40
118	117								108.40
119	118								108.40
120	119								108.40
121	120								108.40
122	121								108.40
123	122								108.40
124	123								108.40
125	124								108.40
126	125								108.40
127	126								108.40
128	127								108.40
129	128								108.40
130	129								108.40
131	130								108.40
132	131								108.40
133	132								108.40
134	133								108.40
135	134								108.40
136	135								108.40
137	136								108.40
138	137								108.40
139	138								108.40
140	139								108.40
141	140								108.40
142	141								108.40
143	142								108.40
144	143								108.40
145	144								108.40
146	145								108.40
147	146								108.40
148	147								108.40
149	148								108.40
150	149								108.40
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154	153								108.40
155	154								108.40
156	155								108.40
157	156								108.40
158	157								108.40
159	158								108.40
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169	168								108.40
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171	170								108.40
172	171								108.40
173	172								108.40
174	173								108.40
175	174								108.40
176	175								108.40
177	176								108.40
178	177								108.40
179	178								108.40
180	179								108.40
181	180								108.40
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183	182								108.40
184	183								108.40
185	184								108.40
186	185								108.40
187	186								108.40
188	187								108.40
189	188								108.40
190	189								108.40
191	190								108.40
192	191								108.40
193	192								108.40
194	193								108.40
195	194								108.40
196	195								108.40
197	196								108.40
198	197								108.40
199	198								108.40
200	199								108.40

600.00

5,688.00

6,288.00

Line	Date	Particulars	Particulars	Rate	Qty	Amount	Balance		Total
							+	-	
102	10/1								10-10
102	10/1	100000	900000	1200	100				
102	10/2	100000	900000	1200	100	100.00	1000		200.00
102	10/3								10-10
102	10/4								10-10
102	10/5	100000	900000	1200	100	100.00	1000		200.00
102	10/6	100000	900000	1200	100	100.00	1000		200.00
102	10/7	100000	900000	1200	100	100.00	1000		200.00
102	10/8	100000	900000	1200	100	100.00	1000		200.00
102	10/9	100000	900000	1200	100	100.00	1000		200.00
102	10/10	100000	900000	1200	100	100.00	1000		200.00
102	10/11	100000	900000	1200	100	100.00	1000		200.00
102	10/12	100000	900000	1200	100	100.00	1000		200.00
102	10/13	100000	900000	1200	100	100.00	1000		200.00
102	10/14	100000	900000	1200	100	100.00	1000		200.00
102	10/15	100000	900000	1200	100	100.00	1000		200.00
102	10/16	100000	900000	1200	100	100.00	1000		200.00
102	10/17	100000	900000	1200	100	100.00	1000		200.00
102	10/18	100000	900000	1200	100	100.00	1000		200.00
102	10/19	100000	900000	1200	100	100.00	1000		200.00
102	10/20	100000	900000	1200	100	100.00	1000		200.00
102	10/21	100000	900000	1200	100	100.00	1000		200.00
102	10/22	100000	900000	1200	100	100.00	1000		200.00
102	10/23	100000	900000	1200	100	100.00	1000		200.00
102	10/24	100000	900000	1200	100	100.00	1000		200.00
102	10/25	100000	900000	1200	100	100.00	1000		200.00
102	10/26	100000	900000	1200	100	100.00	1000		200.00
102	10/27	100000	900000	1200	100	100.00	1000		200.00
102	10/28	100000	900000	1200	100	100.00	1000		200.00
102	10/29	100000	900000	1200	100	100.00	1000		200.00
102	10/30	100000	900000	1200	100	100.00	1000		200.00
102	10/31	100000	900000	1200	100	100.00	1000		200.00

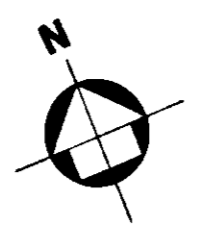
Sample No.	Date	Time	Location		Depth (m)	Water Temp (°C)	Salinity	Dissolved Oxygen		pH	Turbidity (NTU)	Other Parameters
			Latitude	Longitude				DO (mg/L)	DO (%)			
114	11/3											
115	11/3											
116	11/3	10:00	113° 20' E	11° 30' N	10m	16.5	12.2m	8.00	—			24.5 mg/L
117	11/3	11:00	113° 20' E	11° 30' N	10m	16.5						
118	11/3											
119	11/3											
120	11/3	10:00	113° 20' E	11° 30' N	10m	16.5						24.5 mg/L
121	11/3	11:00	113° 20' E	11° 30' N	10m	16.5	18.0	—	0.01			24.5 mg/L
122	11/3											
123	11/3											
124	11/3											
125	11/3											
126	11/3											
127	11/3											
128	11/3											
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135	11/3											
136	11/3											
137	11/3											
138	11/3											
139	11/3											
140	11/3											

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Water temperature (°C)

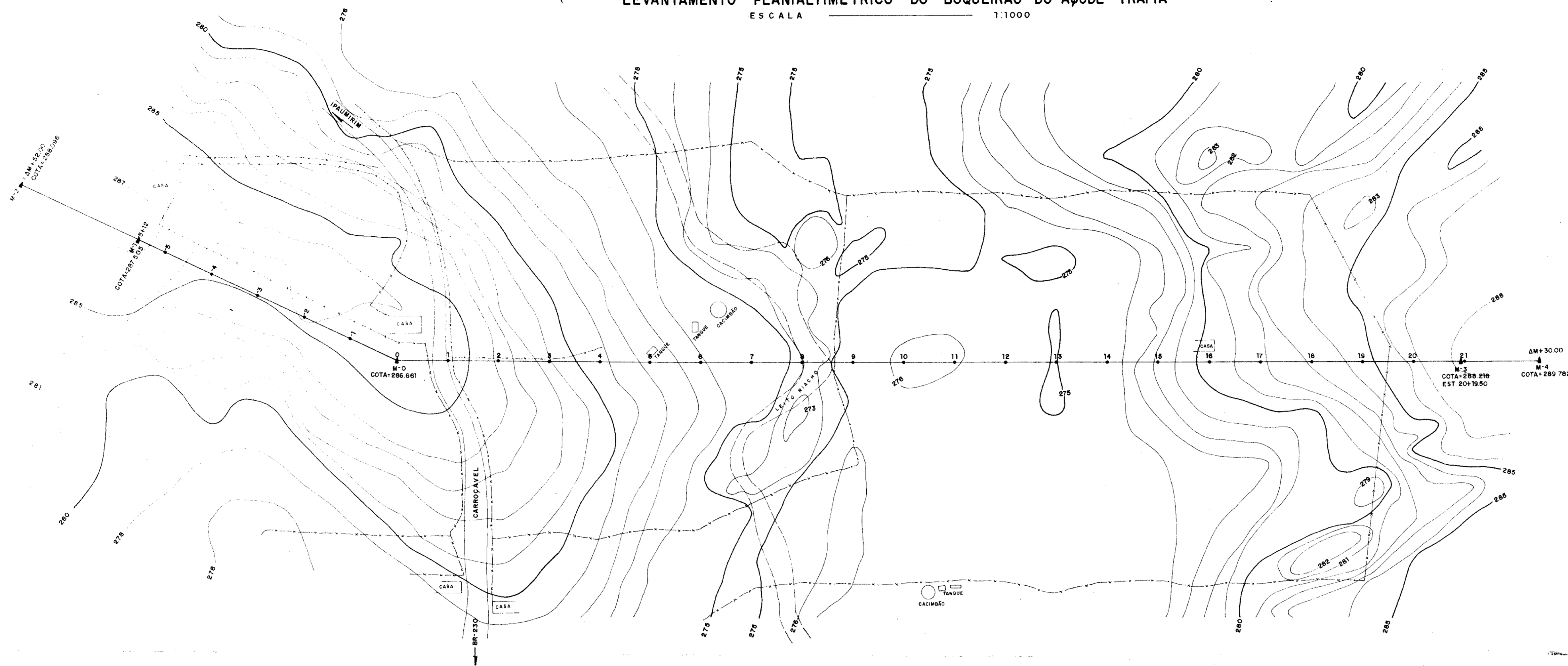
ANEXO II - DESENHO DO LEVANTAMENTO
TOPOGRÁFICO DO BARRIÃO

000156



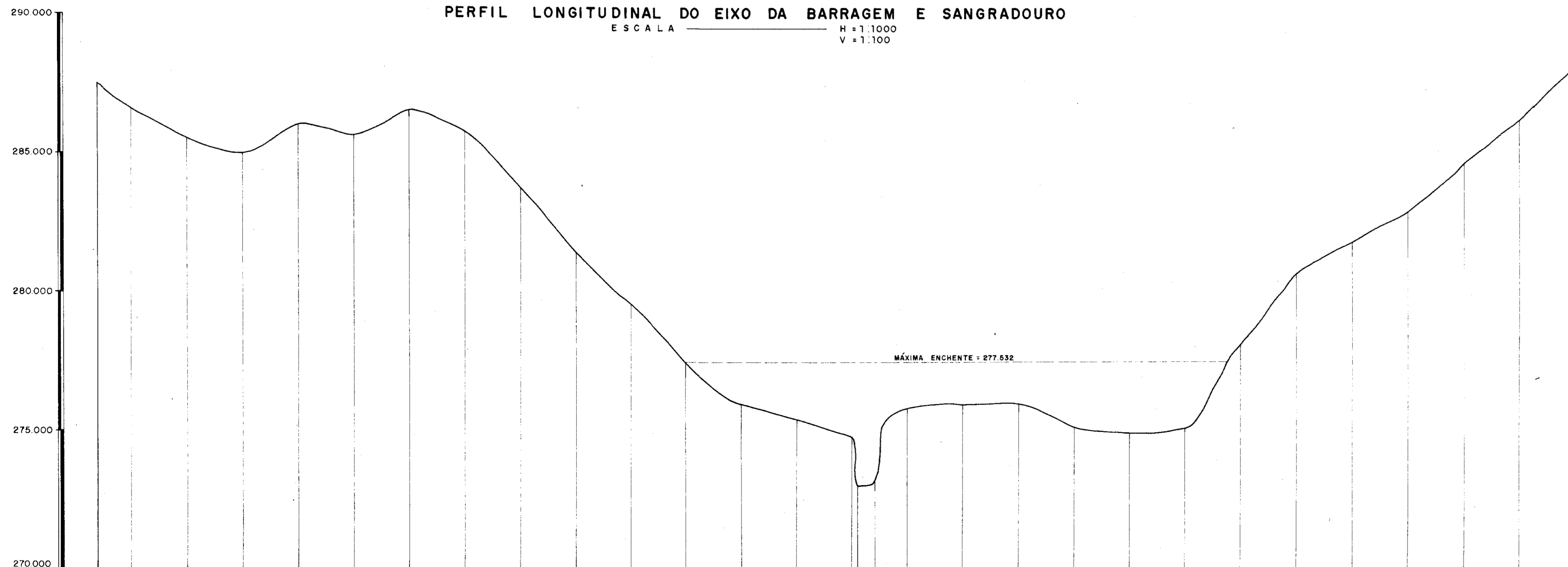
LEVANTAMENTO PLANIALTIMÉTRICO DO BOQUEIRÃO DO AÇUDE TRAPIÁ

ESCALA 1:1.000



PERFIL LONGITUDINAL DO EIXO DA BARRAGEM E SANGRADOURO

ESCALA H = 1.1000 V = 1.100



ESTACA	-5+12	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
COTA T.N	287.47	286.00	285.96	285.03	286.00	285.82	286.05	285.99	283.83	281.12	278.73	277.93	276.00	275.46	274.88	273.82	273.92	274.02	274.99	278.39	278.19	280.76	281.84	283.01	284.71	286.24	288.20	
DIST. PARCIAL	12	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
DIST. ACUMULADA	12.00	32.00	52.00	72.00	92.00	112.00	132.00	152.00	172.00	192.00	212.00	232.00	252.00	272.00	292.00	312.00	332.00	352.00	372.00	392.00	412.00	432.00	452.00	472.00	492.00	512.00	532.00	

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 000157

GOVERNO DO ESTADO DO CEARÁ SECRETARIA DOS RECURSOS HÍDRICOS-SRH		
Projeto	ESTUDO DO APROVEITAMENTO HIDROAGRICOLA DA VERTENTE FLUVIAL DOS MUNICÍPIOS DE PAUMIRIM, BAIXIO E UMARI NO ESTADO DO CEARÁ	Visão
Cálculo		Visão
Desenho	ERIVALDO	Visão
Escala	H=1.100.0 V=1.100	Aprova
Nº	Estudos e Projetos KL-SERVIÇOS E ENGENHARIA LTDA.	Data
		AGOSTO/95