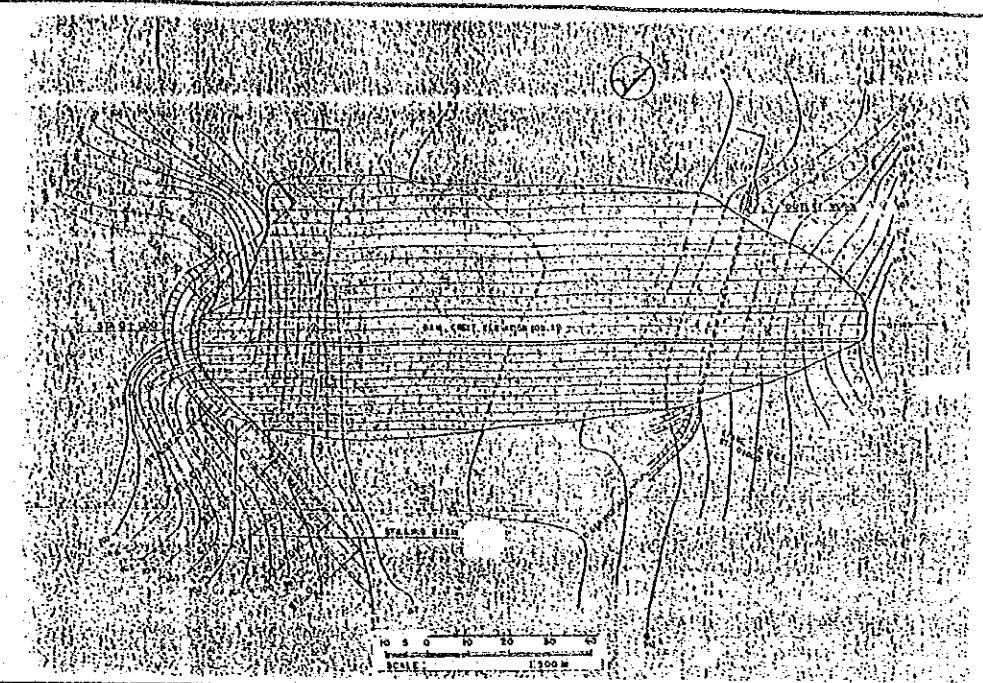
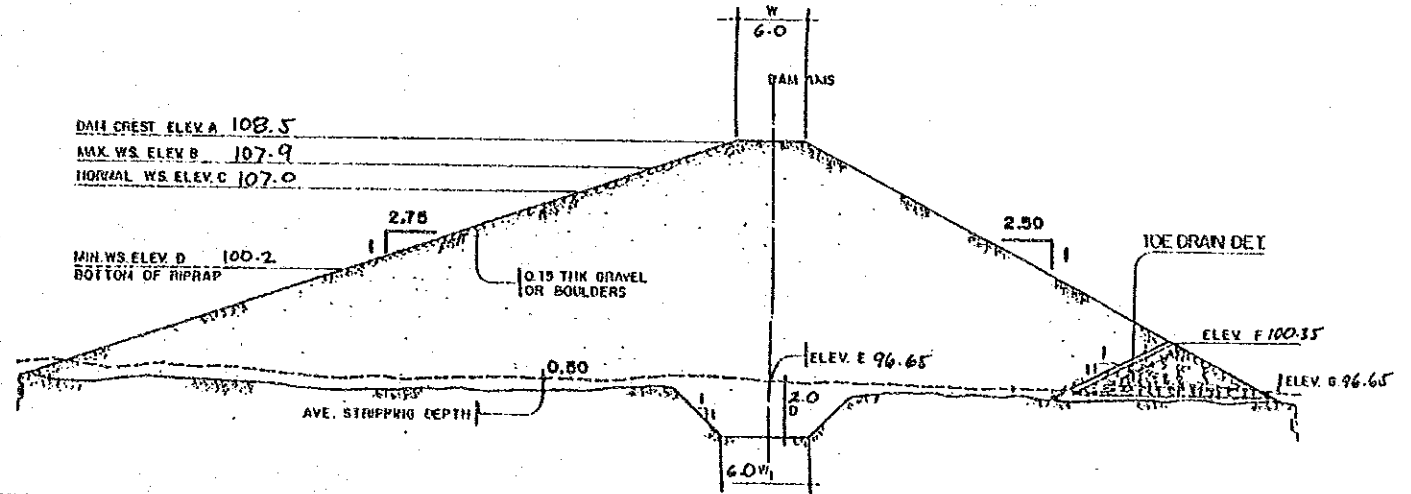


SWIM PROJECT PROFILE		Pilo No. : 166
Regist. No. : Agency No. : BSWM-80	Name: CAMBURAY SWIP	
Region: 4	Province: OCCIDENTAL MINDORO	Municipality: SAN JOSE
Present Status: 1. Pro-F/S() ② F/S(1985) ③ D/D(1985)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 12 m
	: Effective Storage Capacity	: 285,055 m ³
	: Embankment Volume	: 47,523 m ³
	: Design Flood Discharge	: 12 m ³ /sec.
2. Irrigation	: Irrigation Area	: 50 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 66 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 11 ton/year
Technical Assessment:		
1. Survey and Investigation:		
Depth of test pit or auger boring is not enough.		
Bearing capacity and permeability are not measured.		
Available volume for dam embankment shall be studied before construction.		
2. Planning		
Environmental conservation plan is not formulated.		
3. Design		
Depth of core trench shall be modified during construction.		
Stability of upstream slope shall be checked.		
Freeboard is not enough.		
Center line of the spillway shall be shifted to right side.		
Weir shall be provided in the spillway.		
4. Operation and Maintenance		
Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 52	EIRR : 14.7 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : A
4. Construction	: 5,462	(OECF Candidate)
Dam	: 1,109	Implementation Schedule:
Irrigation	: 0	Review : within 1st 5 years
Mini-Hydropower	: 0	F/S : Completed
Water Supply	: 0	D/D : Completed
Watershed Protection	: 1,964	Construction: within 1st 5 years
5. Grand Total	: 8,587	

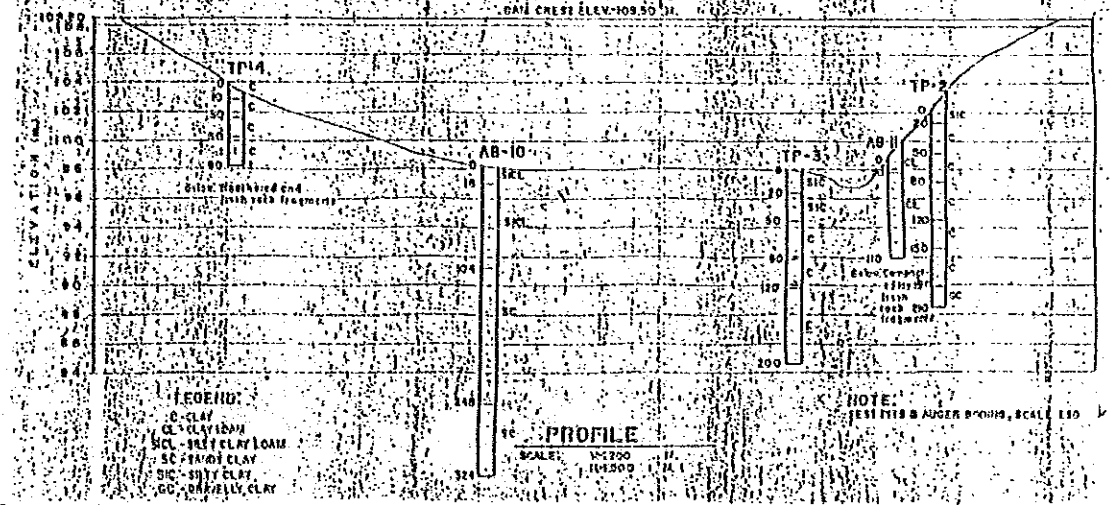
Layout:



Typical Dam Section:



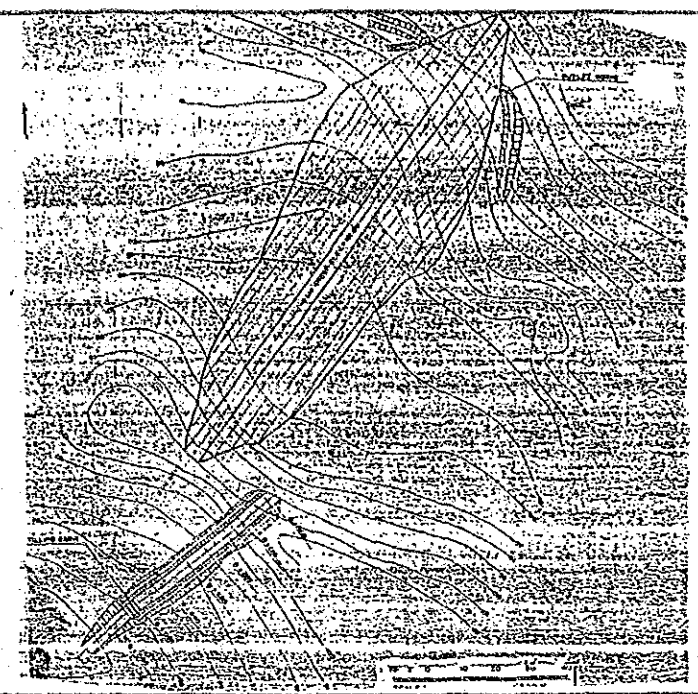
Profile of Dam Axis:



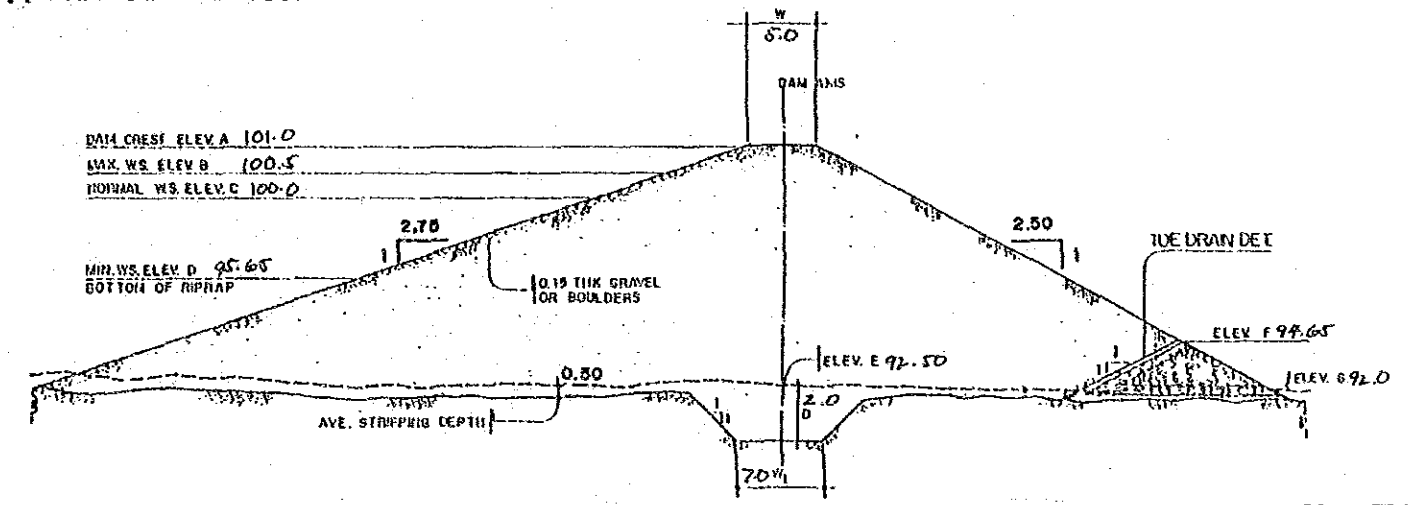
Note: Silty clay with 2.0 m depth is piled up on the sand stone and shale. Additional 0.5 m freeboard is necessary.

SWIM PROJECT PROFILE		File No. : 167
Regist. No. : Agency No. : BSWM-82	Name : BUENASUERTE SWIP	
Region : 5	Province : MASDATE	Municipality : USON
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 10 m
	: Effective Storage Capacity	: 82,064 m ³
	: Embankment Volume	: 20,111 m ³
	: Design Flood Discharge	: 5 m ³ /sec.
2. Irrigation	: Irrigation Area	: 80 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 24 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 5 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated. Project planning shall be re-formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Freeboard is not enough. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
Review	: 37	EIRR : 2.8 %
Feasibility Study	: 0	Priority Rating:
Detailed Design	: 0	Group : A
Construction	: 2,892	(OECF Candidate)
Dam	: 1,775	Implementation Schedule:
Irrigation	: 0	Review : within 1st 5 years
Mini-Hydropower	: 0	F/S : Completed
Water Supply	: 584	D/D : Completed
Watershed Protection	: 584	Construction: within 1st 5 years
Grand Total	: 5,288	

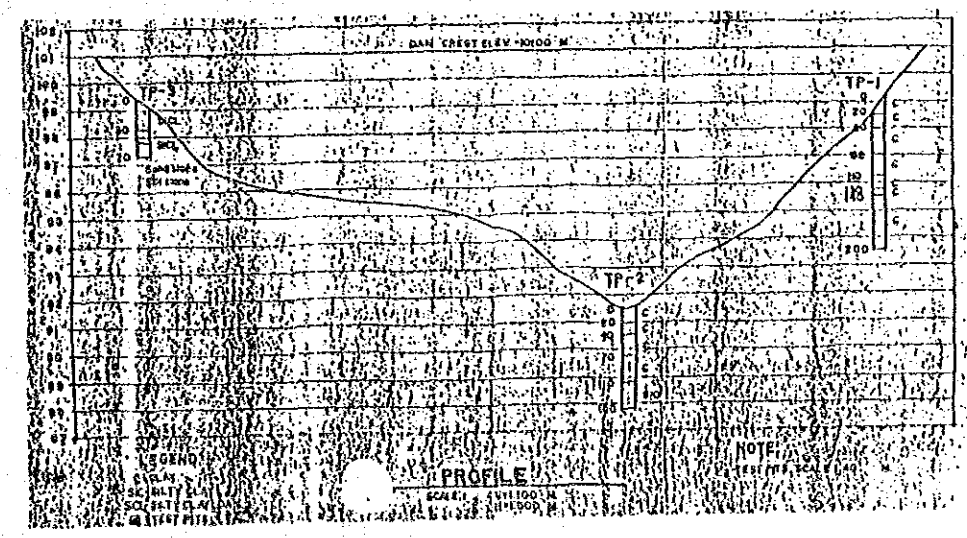
Layout:



Typical Dam Section:



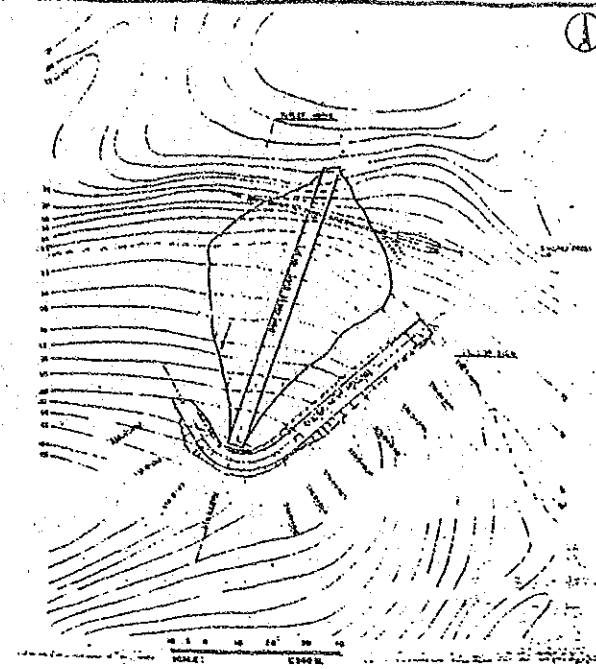
Profile of Dam Axis:



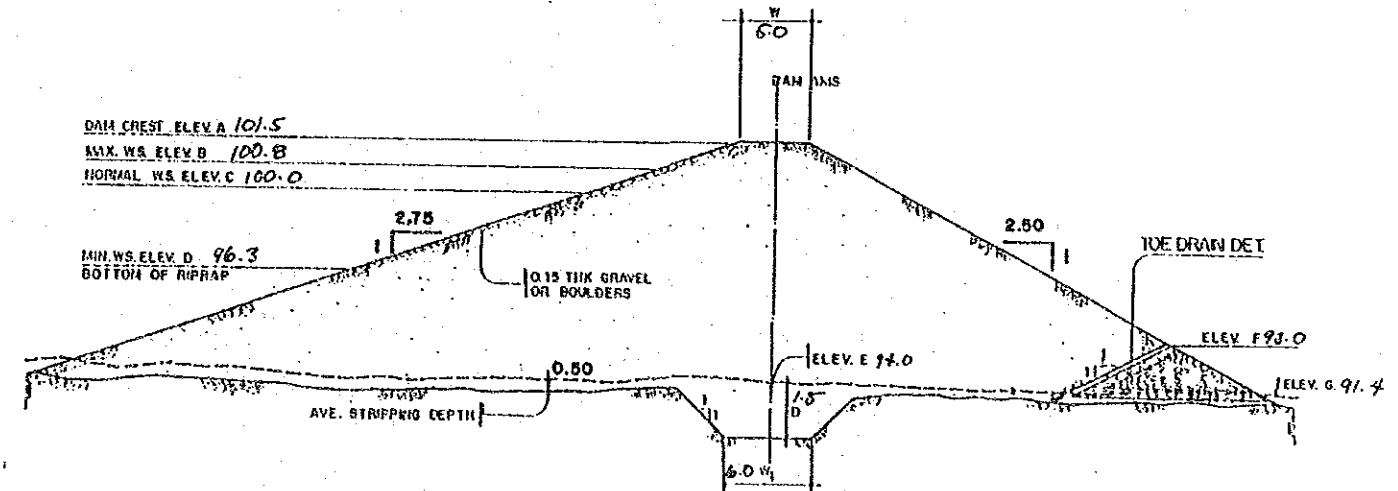
Note: Clay blanket with 1.5 m depth is piled up on the sand stone and shale. Additional 0.5 m freeboard is necessary.

SWIM PROJECT PROFILE		File No. : 168
Regist. No. : Agency No. : BSWM-83	Name: BULHAO SWIP	
Region: 5	Province: CAMARINES NORTE	Municipality: LABO
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 10 m
	: Effective Storage Capacity	: 64,180 m ³
	: Embankment Volume	: 20,885 m ³
	: Design Flood Discharge	: 11 m ³ /sec.
2. Irrigation	: Irrigation Area	: 100 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 30 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 3 ton/year
Technical Assessment:		
1. Survey and Investigation:		
Depth of test pit or auger boring is not enough.		
Bearing capacity and permeability are not measured.		
Available volume for dam embankment shall be studied before construction.		
2. Planning		
Environmental conservation plan is not formulated.		
3. Design		
Depth of core trench shall be modified during construction.		
Stability of upstream slope of the dam shall be checked.		
Freeboard is not enough.		
Weir shall be provided in the spillway.		
4. Operation and Maintenance		
Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 40	EIRR : 11.9 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : A
4. Construction	: 0	(OECF Candidate)
Dam	: 2,769	Implementation Schedule:
Irrigation	: 2,219	Review : within 1st 5 years
Mini-Hydropower	: 0	F/S : Completed
Water Supply	: 0	D/D : Completed
Watershed Protection	: 729	Construction: within 1st 5 years
5. Grand Total	: 5,757	

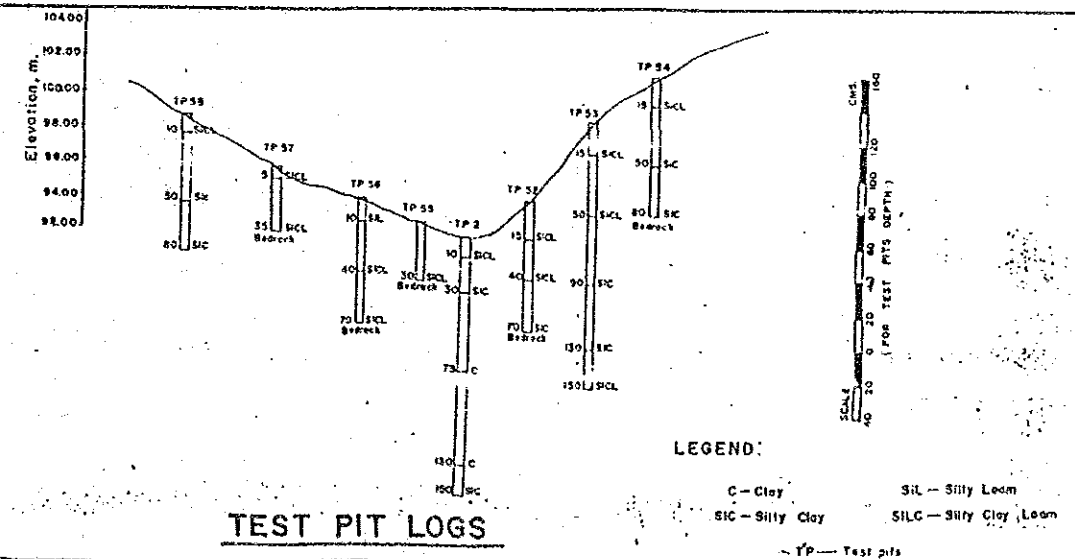
Layout:



Typical Dam Section:

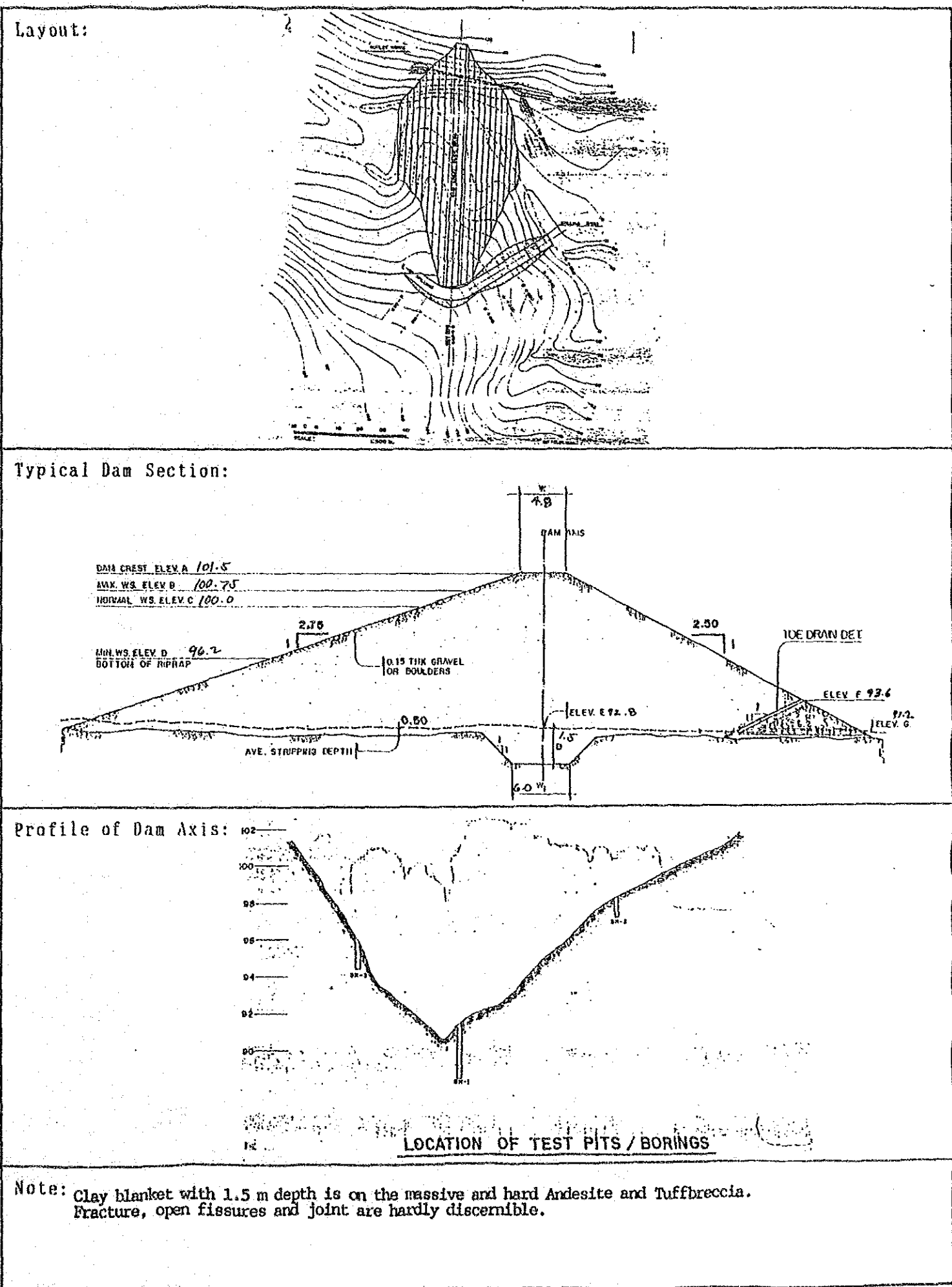


Profile of Dam Axis:



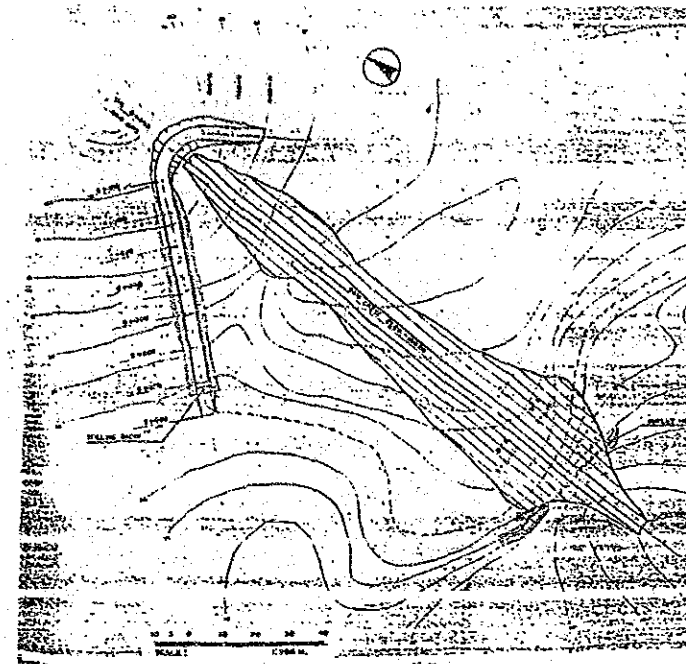
Note: Clay blanket with 1.5 m depth is piled up on massive, dense and indurated Basalt and Andesite. Additional 0.5 m freeboard is necessary.

SWIM PROJECT PROFILE		File No. : 169
Regist. No. : Agency No. : BSWM-84	Name : DALNAC SWIP	
Region : 5	Province : CAMARINES NORTE	Municipality : PARACALE
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : IF, FC, WM Incidental : IR, IF, FC, WM, MH, WS		
Project Feature:		
1. Dam	Dam Type : Dam Height : Effective Storage Capacity : Embankment Volume : Design Flood Discharge :	HOMOGENEOUS EARTHFILL 9 m 76,545 m ³ 15,300 m ³ 9 m ³ /sec.
2. Irrigation	Irrigation Area :	50 ha
3. Mini-hydropower	Installed Capacity :	0 kW
4. Watershed Man.	Watershed Protection Area :	30 ha
5. Water Supply	Design Supply Capacity :	0 m ³ /day
6. Inland Fishery	Annual Production :	5 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope shall be checked. Weir shall be provided in the spillway. Weir section is necessary in spill way. Center line of the spillway shall be shifted to right side.		
4. Operation and Maintenance Not studied.		
Funding Requirement: (1,000 Pesos)		Project Evaluation:
Review :	0	EIRR : 20.9 %
Feasibility Study :	0	Priority Rating:
Detailed Design :	0	Group : B
Construction :		Implementation Schedule:
Dam :	2,716	Review : -
Irrigation :	1,109	F/S : Completed
Mini-Hydropower :	0	D/D : Completed
Water Supply :	0	Construction: Jul. 1986; 6 months
Watershed Protection :	729	
Grand Total :	4,555	

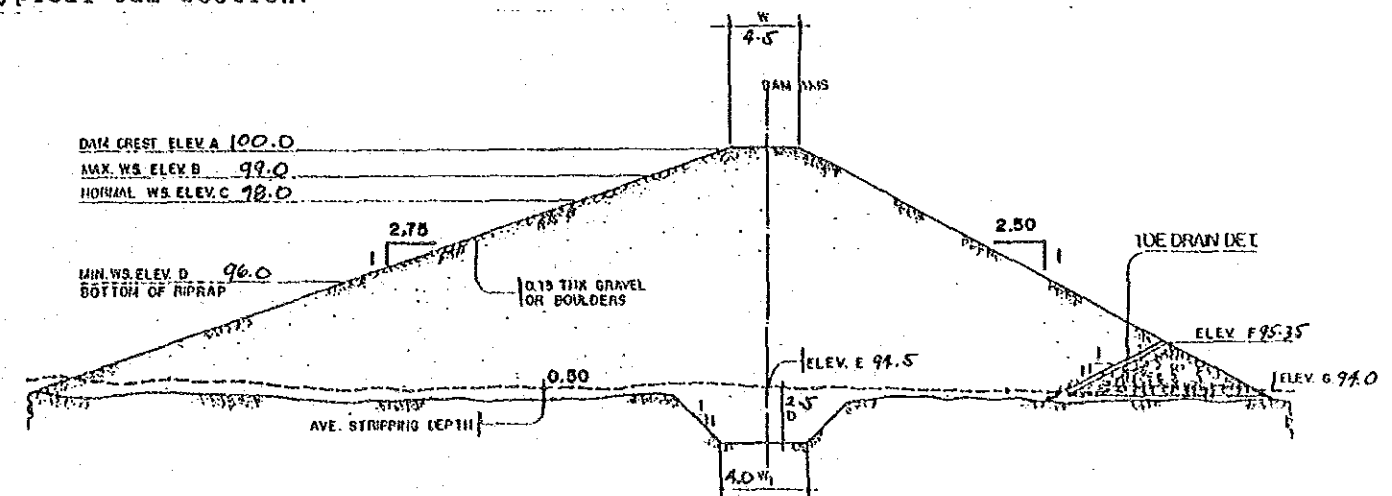


SWIM PROJECT PROFILE		File No. : 170
Regist. No. : Agency No. : BSWM-85	Name: GABAWAN SWIP	
Region: 5	Province: ALBAY	Municipality: DARAGA
Present Status: 1. Pre-F/S() (2) F/S(1983) (3) D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 6 m
	: Effective Storage Capacity	: 153,007 m ³
	: Embankment Volume	: 15,458 m ³
	: Design Flood Discharge	: 14 m ³ /sec.
2. Irrigation	: Irrigation Area	: 100 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 48 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 14 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Freeboard is not enough. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 39	EIRR : 16.2 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : A
4. Construction	: 2,733	(OECF Candidate)
Dam	: 2,733	Implementation Schedule:
Irrigation	: 2,219	Review : within 1st 5 years
Mini-Hydropower	: 0	F/S : Completed
Water Supply	: 0	D/D : Completed
Watershed Protection	: 1,167	Construction: within 1st 5 years
5. Grand Total	: 6,157	

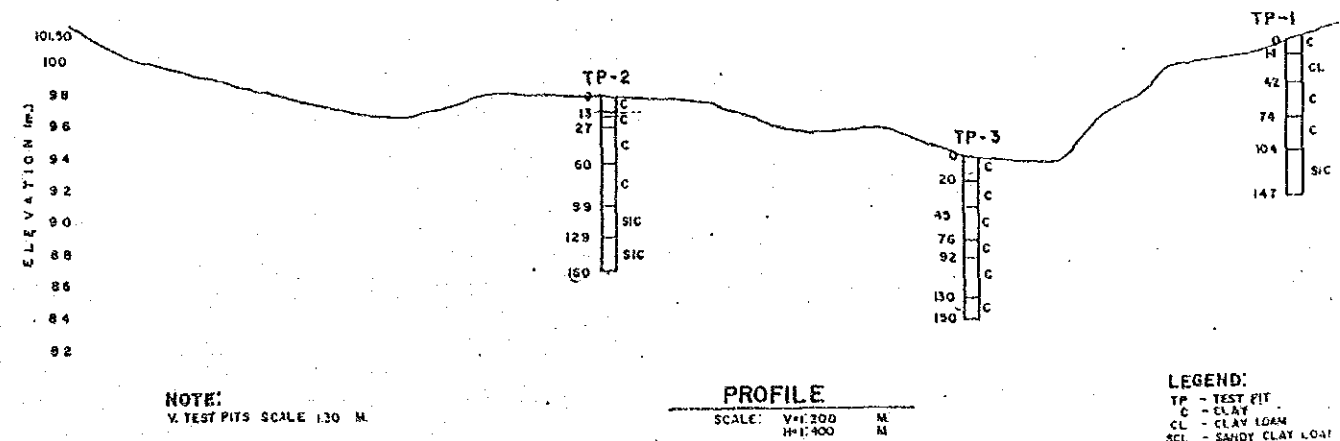
Layout:



Typical Dam Section:



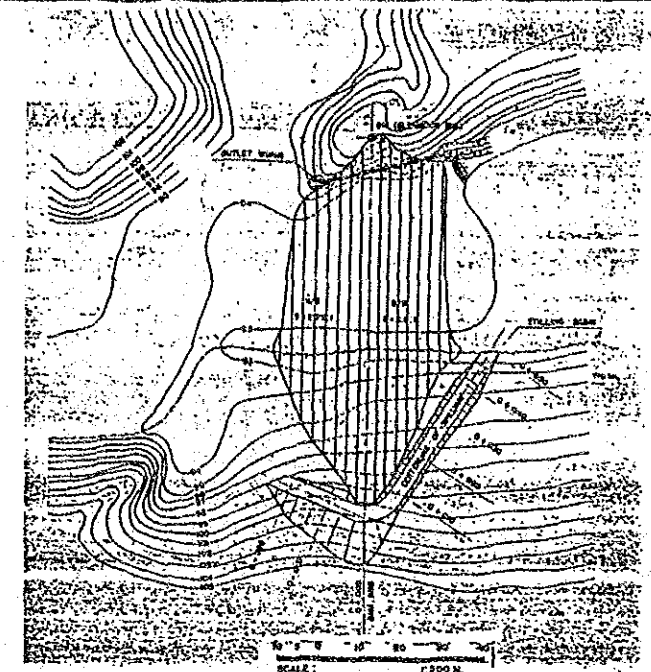
Profile of Dam Axis:



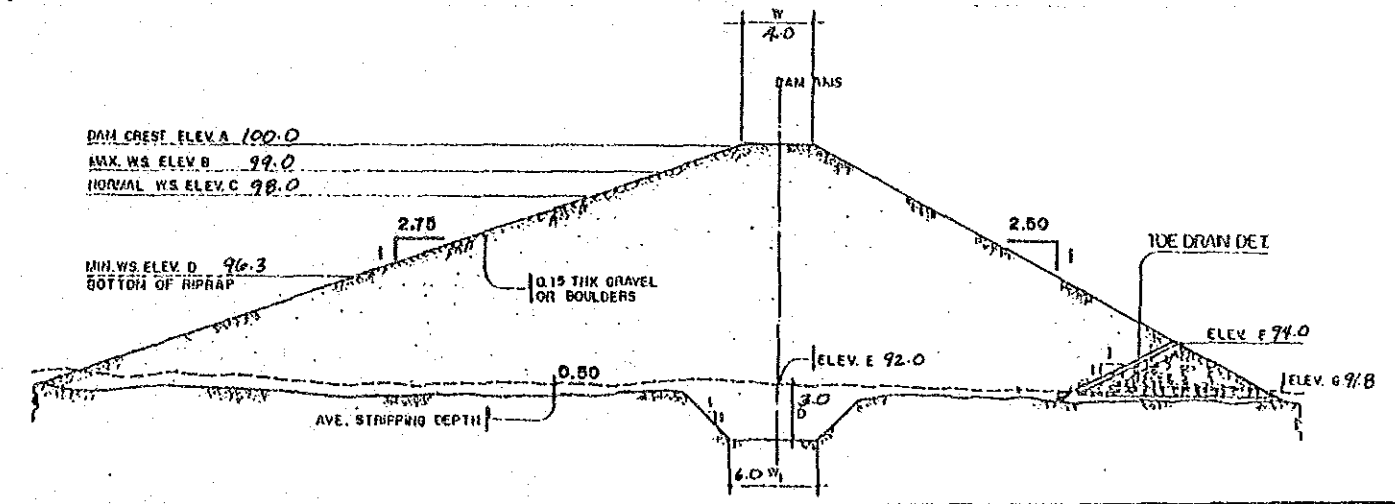
Note: Clay with 3.0 m depth is piled up on the sand stone and silty stone. Additional 0.5 m freeboard is necessary.

SWIM PROJECT PROFILE		File No. : 171
Regist. No. : Agency No. : BSWM-86	Name: BURGOS SWIP	
Region: 5	Province: CATANDUANES	Municipality: VIGA
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 7 m
	: Effective Storage Capacity	: 13,990 m ³
	: Embankment Volume	: 20,700 m ³
	: Design Flood Discharge	: 8 m ³ /sec.
2. Irrigation	: Irrigation Area	: 25 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 18 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 2 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Center line of the spillway shall be shifted to right side. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Food Requirement: (1,000 Pesos)		Project Evaluation:
Review	: 0	EIRR : 13.1 %
Feasibility Study	: 0	Priority Rating:
Detailed Design	: 0	Group : B
Construction		Implementation Schedule:
Dam	: 3,458	Review : -
Irrigation	: 555	F/S : Completed
Mini-Hydropower	: 0	D/D : Completed
Water Supply	: 0	Construction: Jul. 1996; 9 months
Watershed Protection	: 437	
Grand Total	: 4,449	

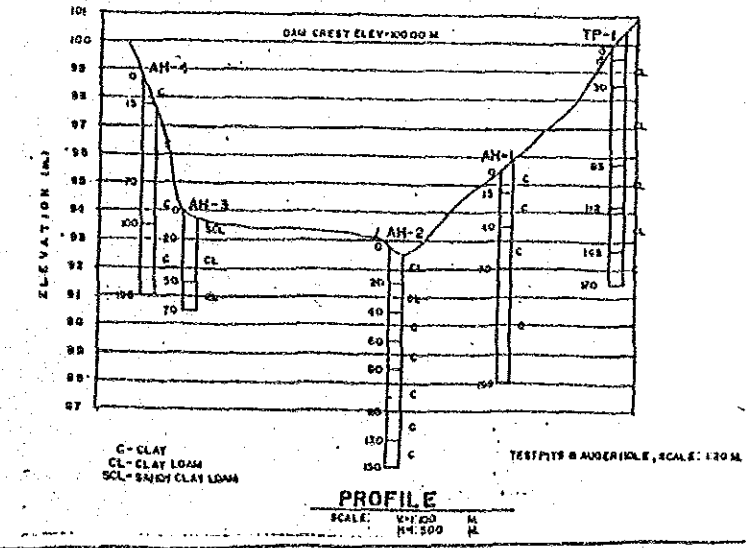
Layout:



Typical Dam Section:



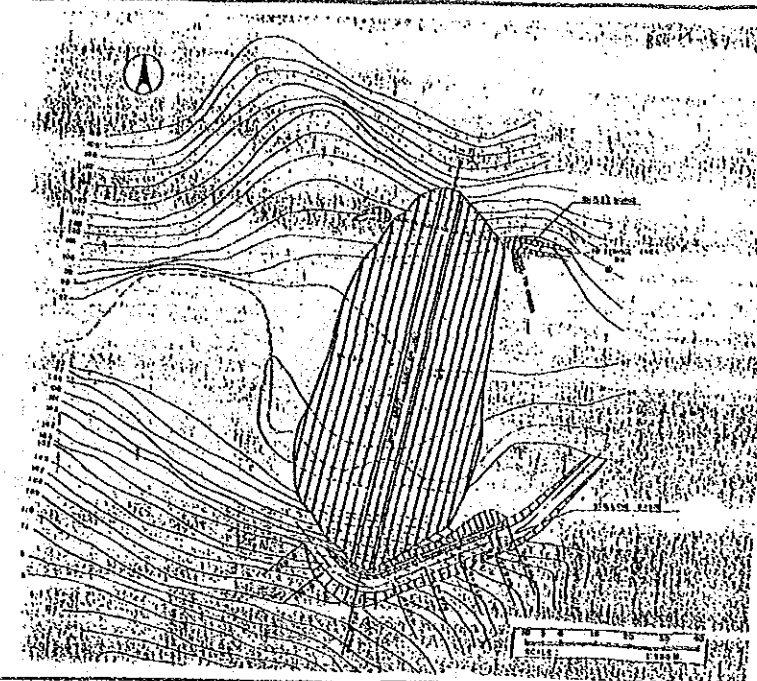
Profile of Dam Axis:



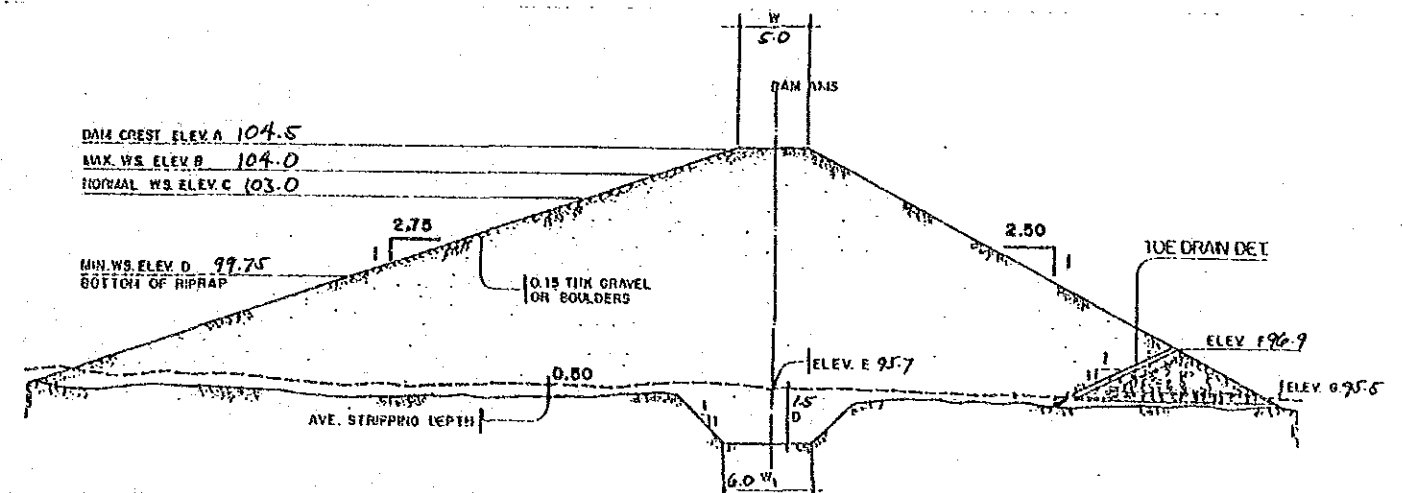
Note: Clay with 3.0 m depth is piled up on the sand stone, silty stone and grey wacke.

SWIM PROJECT PROFILE		File No. : 172
Regist. No. : Agency No. : BSWM-87	Name: F. ARCANGEL SWIP	
Region: 6	Province: AKLAN	Municipality: BALETE
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	Dam Type : HOMOGENEOUS EARTHFILL	
	Dam Height : 9 m	
	Effective Storage Capacity : 53,214 m ³	
	Embankment Volume : 29,792 m ³	
	Design Flood Discharge : 12 m ³ /sec.	
2. Irrigation	Irrigation Area : 50 ha	
3. Mini-hydropower	Installed Capacity : 0 kW	
4. Watershed Man.	Watershed Protection Area : 42 ha	
5. Water Supply	Design Supply Capacity : 0 m ³ /day	
6. Inland Fishery	Annual Production : 3 ton/year	
Technical Assessment:		
1. Survey and Investigation:		
Depth of test pit or auger boring is not enough.		
Bearing capacity and permeability are not measured.		
Available volume for dam embankment shall be studied before construction.		
2. Planning		
Environmental conservation plan is not formulated.		
3. Design		
Depth of core trench shall be modified during construction.		
Stability of upstream slope of the dam shall be checked.		
Freeboard is not enough.		
Center line of the spillway shall be shifted to left side.		
Weir shall be provided in the spillway.		
4. Operation and Maintenance		
Not studied.		
Funds Requirement: (1,000 Pesos)		Project Evaluation:
Review	: 37	EIRR : 12.9 %
Feasibility Study	: 0	Priority Rating:
Detailed Design	: 0	Group : B
Construction	: 3,525	Implementation Schedule:
Dam	: 1,109	Review : 1998
Irrigation	: 0	F/S : Completed
Mini-Hydropower	: 0	D/D : Completed
Water Supply	: 1,020	Construction: Jan. 1999; 6 months
Watershed Protection	: 5,681	
Grand Total		

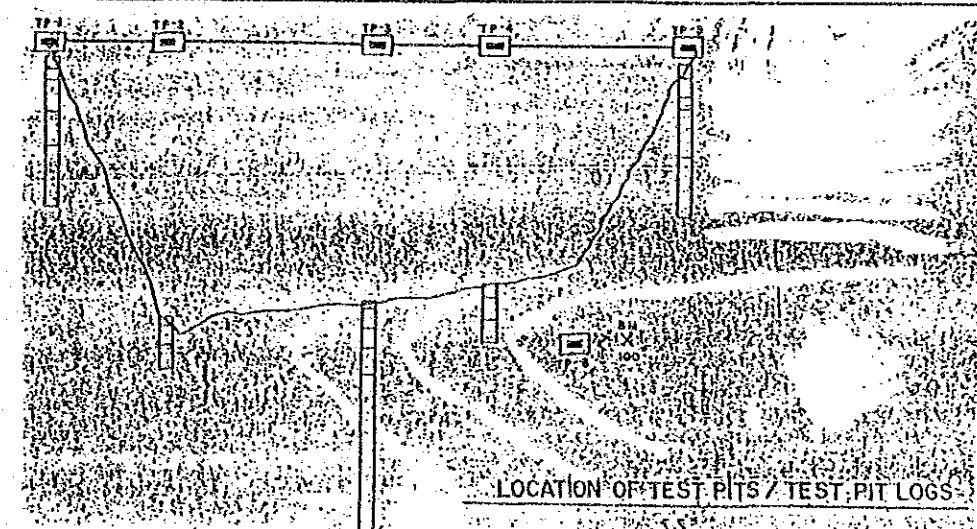
Layout:



Typical Dam Section:



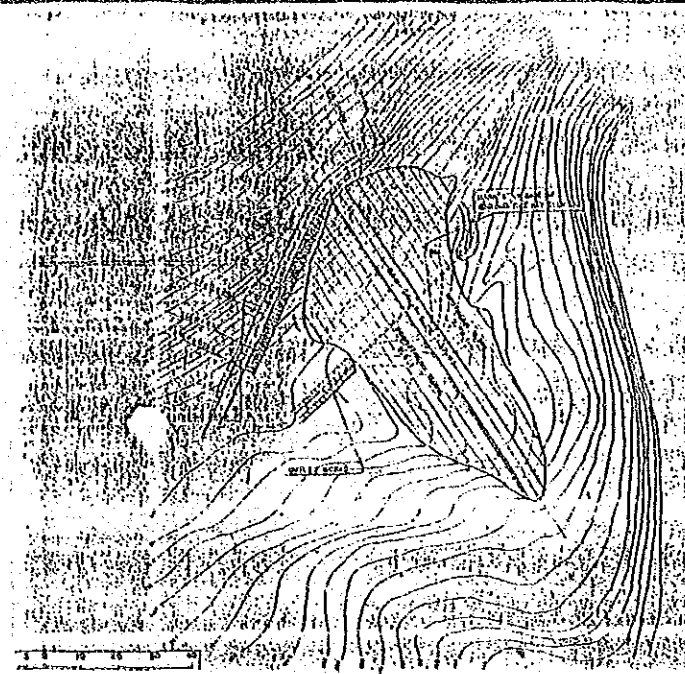
Profile of Dam Axis:



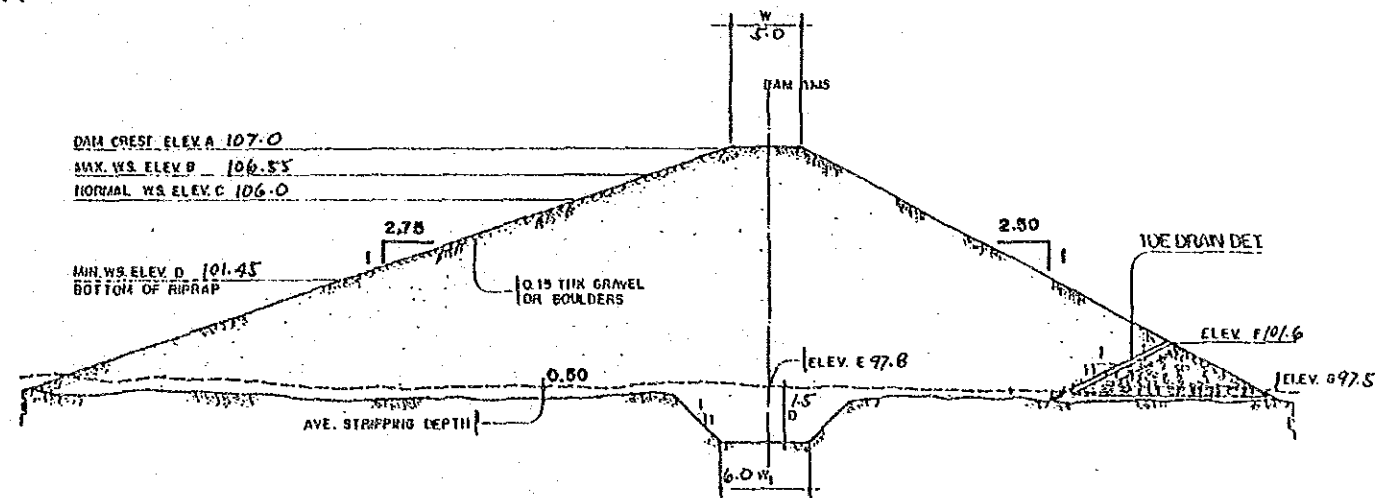
Note: Silty clay with 3.0 m depth is piled up on the Basalt and Andesite. Additional 0.5 m freeboard is necessary.

SWIM PROJECT PROFILE		File No. : 173
Regist. No. : Agency No. : BSWM-88	Name : PINONUY SWIP	
Region : 6	Province : AKLAN	Municipality : LIBACAO
Present Status : 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 9 m
	: Effective Storage Capacity	: 60,811 m ³
	: Embankment Volume	: 16,120 m ³
	: Design Flood Discharge	: 7 m ³ /sec.
2. Irrigation	: Irrigation Area	: 25 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 24 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 3 ton/year
Technical Assessment:		
1. Survey and Investigation:		
Depth of test pit or auger boring is not enough.		
Bearing capacity and permeability are not measured.		
Available volume for dam embankment shall be studied before construction.		
2. Planning		
Environmental conservation plan is not formulated.		
3. Design		
Depth of core trench shall be modified during construction.		
Stability of upstream slope of the dam shall be checked.		
Freeboard is not enough.		
Weir shall be provided in the spillway.		
4. Operation and Maintenance		
Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 24	BIRR : 18.2 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : A
4. Construction	: 2,493	(OECF Candidate)
Dam	: 555	Implementation Schedule:
Irrigation	: 0	Review : within 1st 5 years
Mini-Hydropower	: 0	F/S : Completed
Water Supply	: 584	D/D : Completed
Watershed Protection	: 3,656	Construction: within 1st 5 years
5. Grand Total		

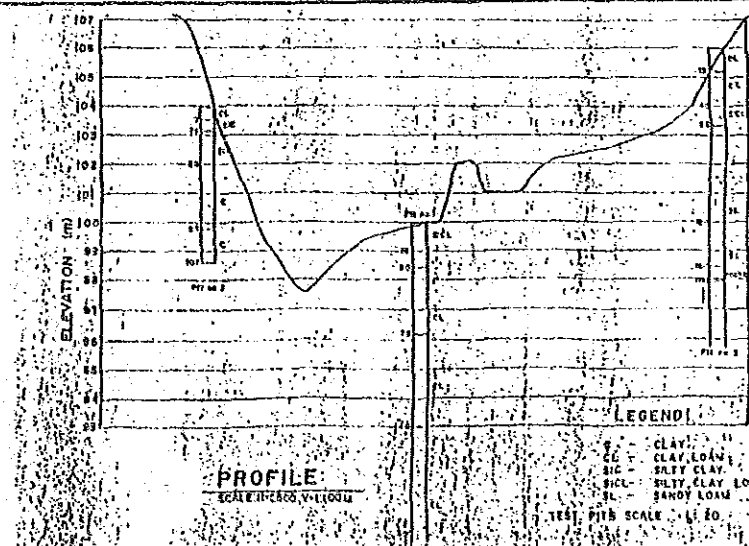
Layout:



Typical Dam Section:

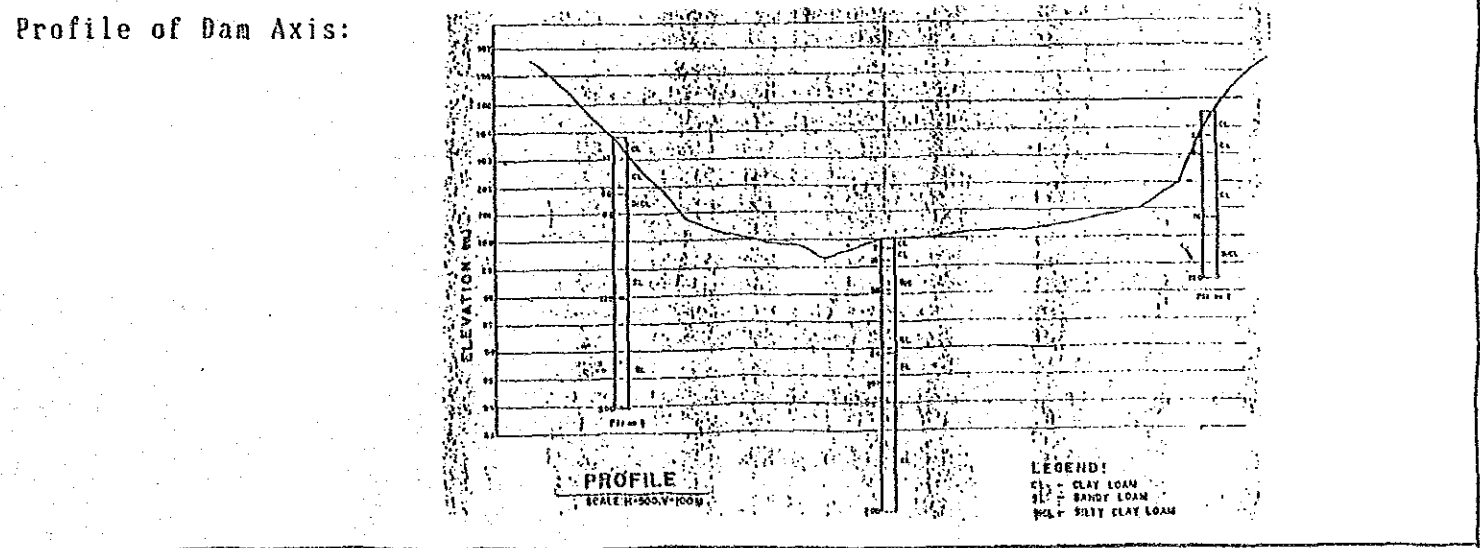
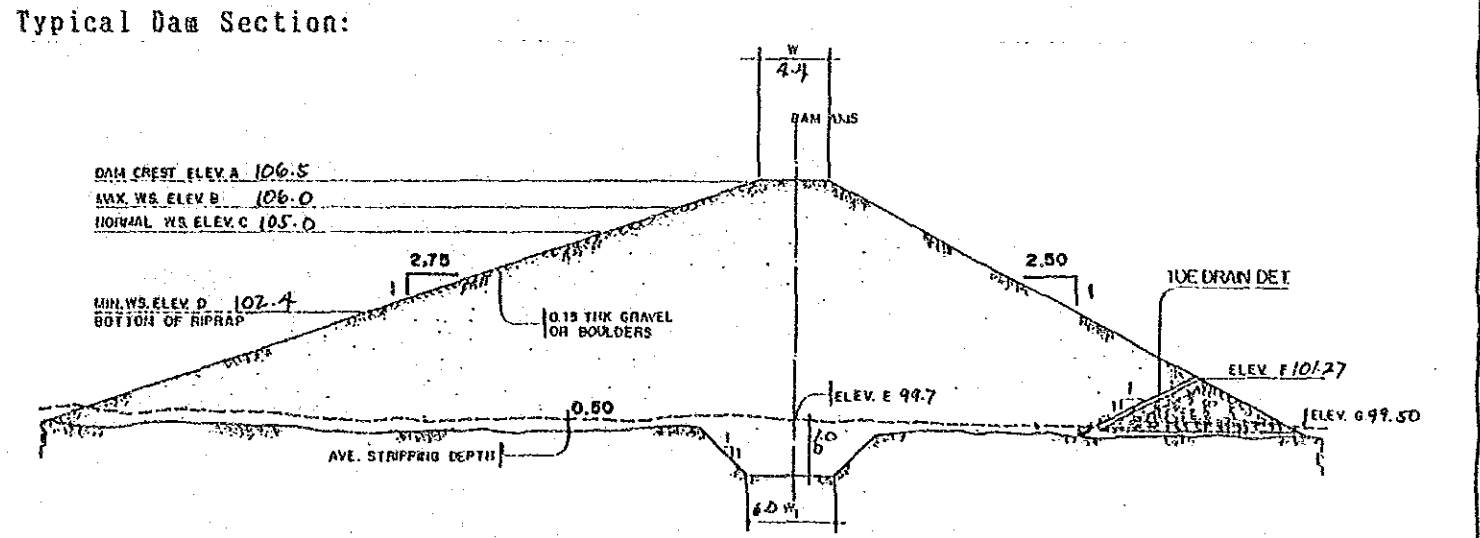
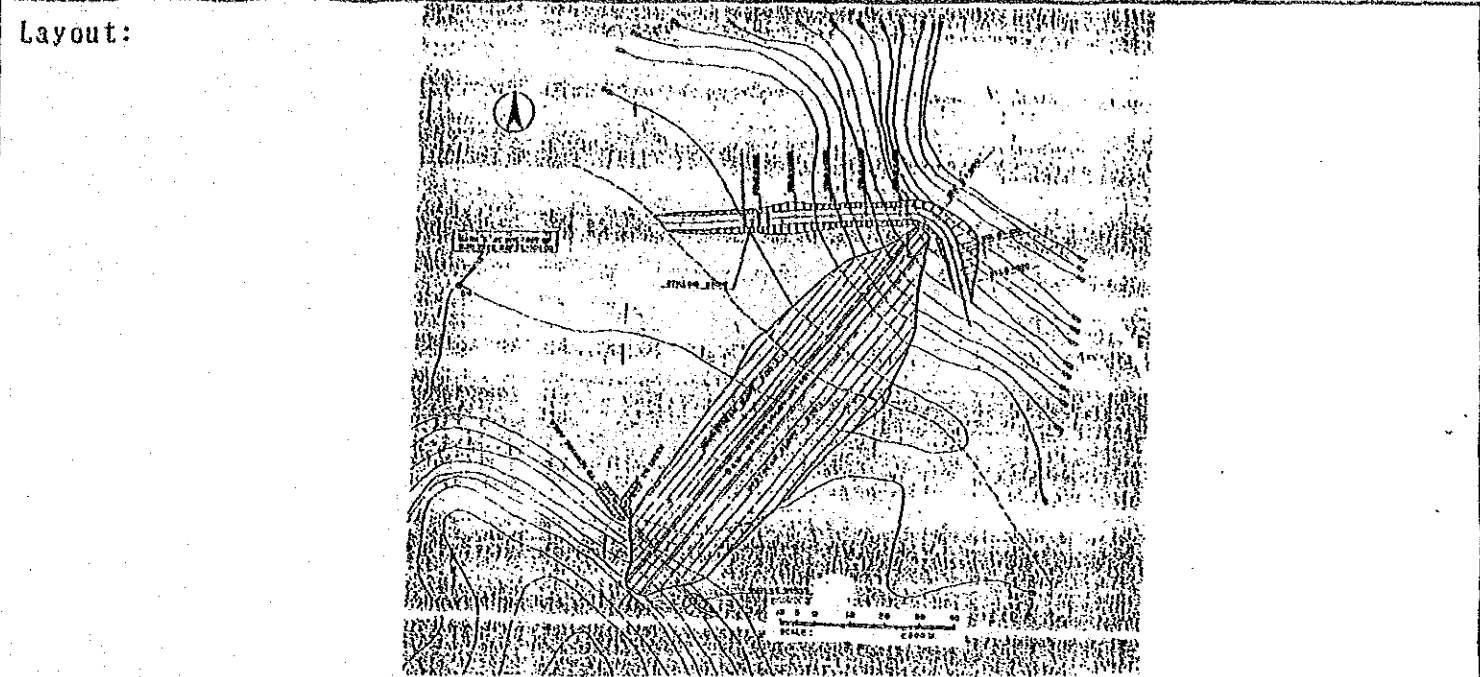


Profile of Dam Axis:



Note: Clay with 1.0-3.0 m depth is piled up on the shale. Additional 1.0 m freeboard is necessary.

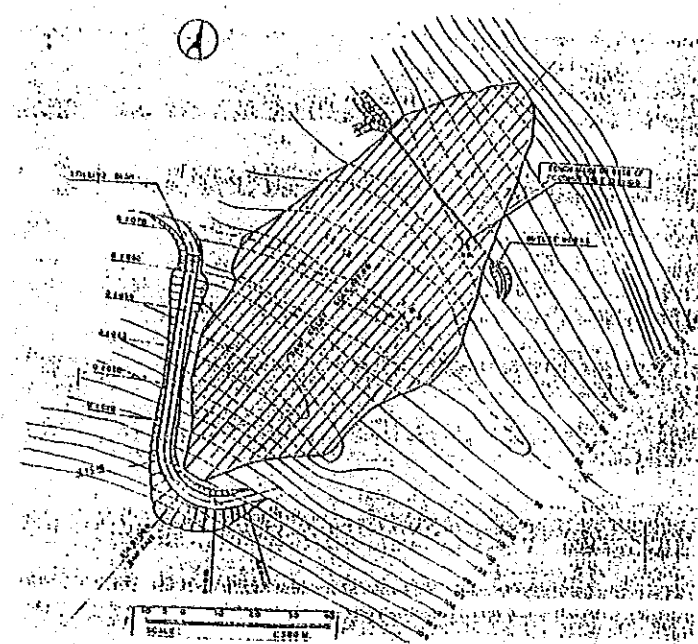
SWIM PROJECT PROFILE		File No. : 174
Regist. No. : Agency No. : BSWM-89	Name: SIBALIW-TORALBA SWIP	
Region: 6	Province: AKLAN	Municipality: TORALBA, BANGA
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 7 m
	: Effective Storage Capacity	: 51,767 m3
	: Embankment Volume	: 14,091 m3
	: Design Flood Discharge	: 12 m3/sec.
2. Irrigation	: Irrigation Area	: 25 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 42 ha
5. Water Supply	: Design Supply Capacity	: 0 m3/day
6. Inland Fishery	: Annual Production	: 5 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Freeboard is not enough. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 24	EIRR : 12.8 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : B
4. Construction	: 2,447	Implementation Schedule:
Dam	: 2,447	Review : 1998
Irrigation	: 555	F/S : Completed
Mini-Hydropower	: 0	D/D : Completed
Water Supply	: 0	Construction: Jan. 1999; 6 months
Watershed Protection	: 1,020	
5. Grand Total	: 4,046	



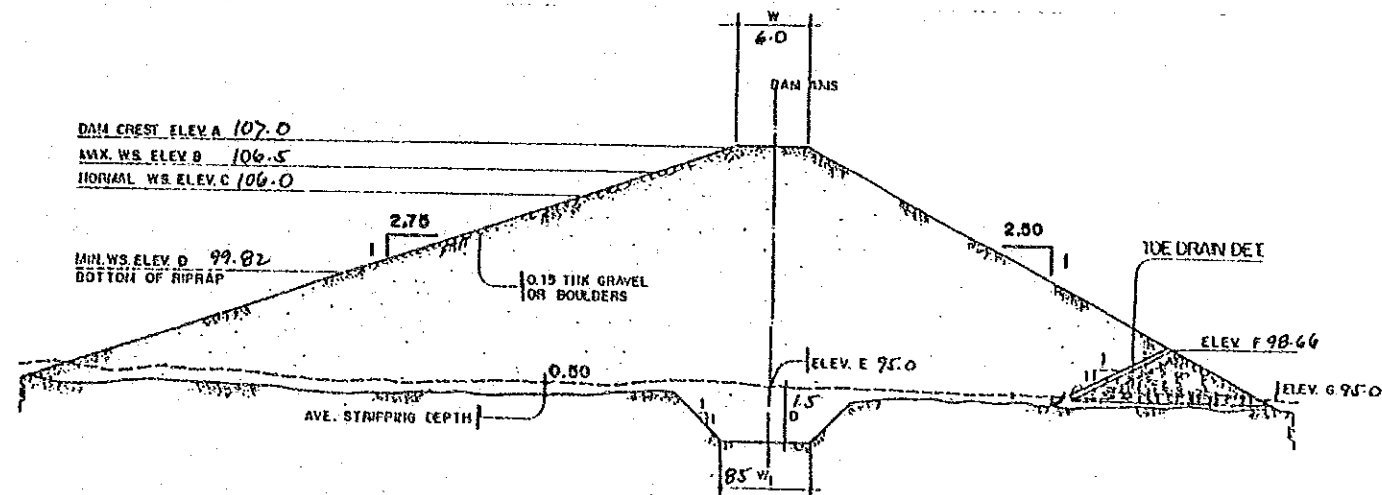
Note: Clay with 2.0 m depth is piled up on the dacite and andesite. Additional 0.5 m freeboard is necessary.

SWIM PROJECT PROFILE		File No. : 175
Regist. No. : Agency No. : BSWM-90	Name: PANLAGANGAN SWIP	
Region: 6	Province: ANTIQUE	Municipality: SIBALOM
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 12 m
	: Effective Storage Capacity	: 14,205 m ³
	: Embankment Volume	: 24,200 m ³
	: Design Flood Discharge	: 3 m ³ /sec.
2. Irrigation	: Irrigation Area	: 50 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 12 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 3 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 0	EIRR : 12.4 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : A
4. Construction	: 0	(OECF Candidate)
Dam	: 2,851	Implementation Schedule:
Irrigation	: 1,109	Review : -
Mini-Hydropower	: 0	F/S : Completed
Water Supply	: 0	D/D : Completed
Watershed Protection	: 291	Construction: within 1st 5 years
5. Grand Total	: 4,251	

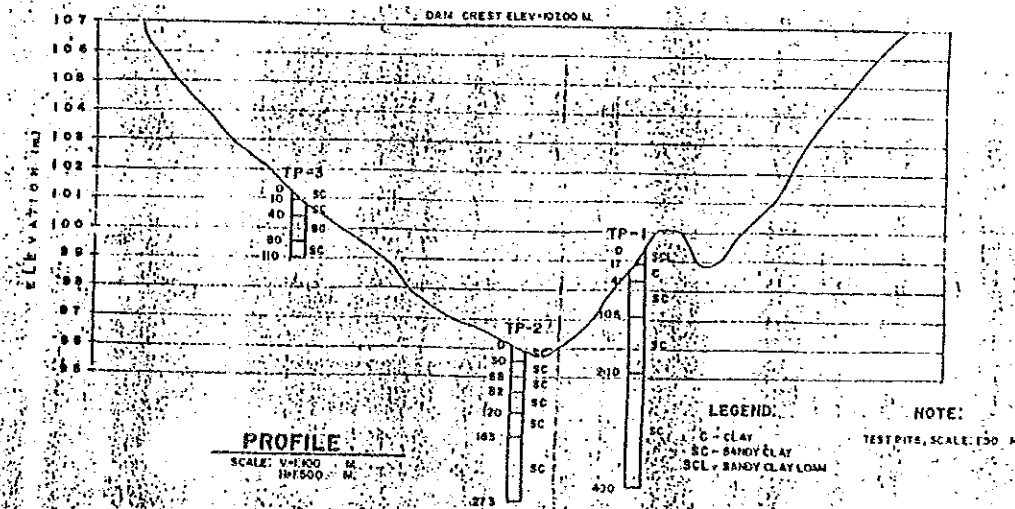
Layout:



Typical Dam Section:

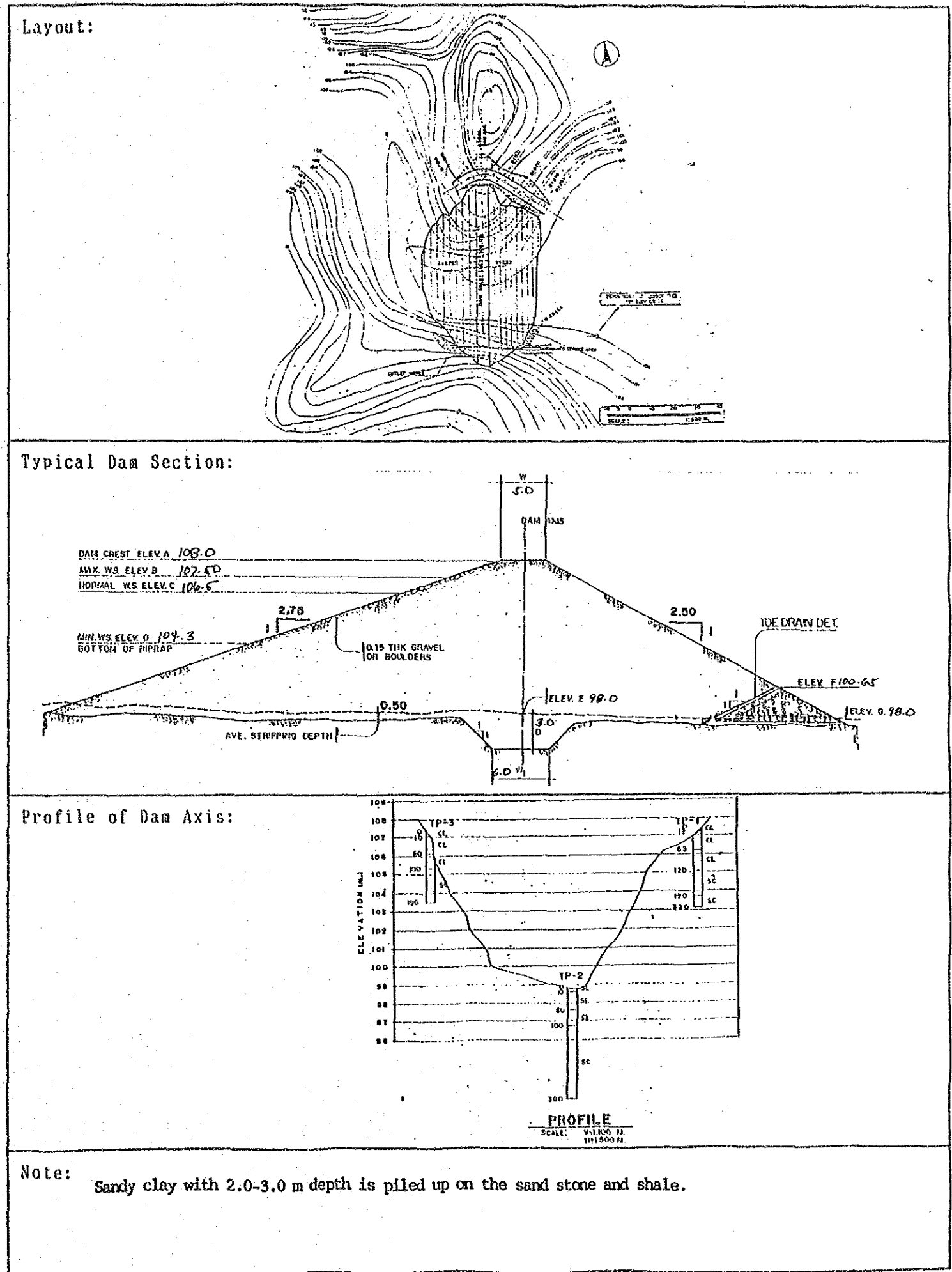


Profile of Dam Axis:



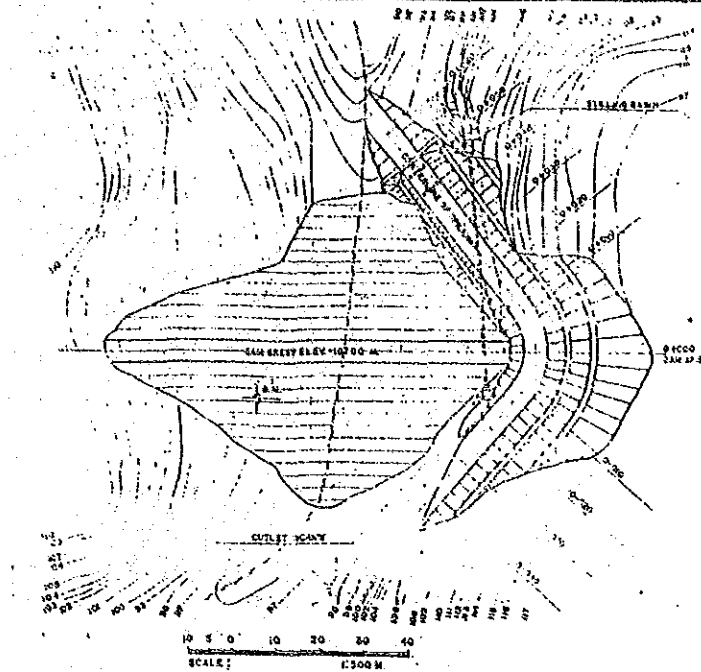
Note: Sandy clay with 2.0-4.0 m depth is piled up on the sand stone, silty stone and shale.

SWIM PROJECT PROFILE		File No. : 176
Regist. No. : Agency No. : BSWM-01	Name: TRACIANO SWIP	
Region: 6	Province: CAPIZ	Municipality: DUMARAO
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 10 m
	: Effective Storage Capacity	: 18,412 m ³
	: Embankment Volume	: 11,800 m ³
	: Design Flood Discharge	: 9 m ³ /sec.
2. Irrigation	: Irrigation Area	: 50 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 36 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 2 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Center line of the spillway shall be shifted to left side. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 0	EIRR : 15.7 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : A
4. Construction	: 0	(OECF Candidate)
Dam	: 2,265	Implementation Schedule:
Irrigation	: 1,109	Review : -
Mini-Hydropower	: 0	F/S : Completed
Water Supply	: 0	D/D : Completed
Watershed Protection	: 875	Construction: within 1st 5 years
5. Grand Total	: 4,250	

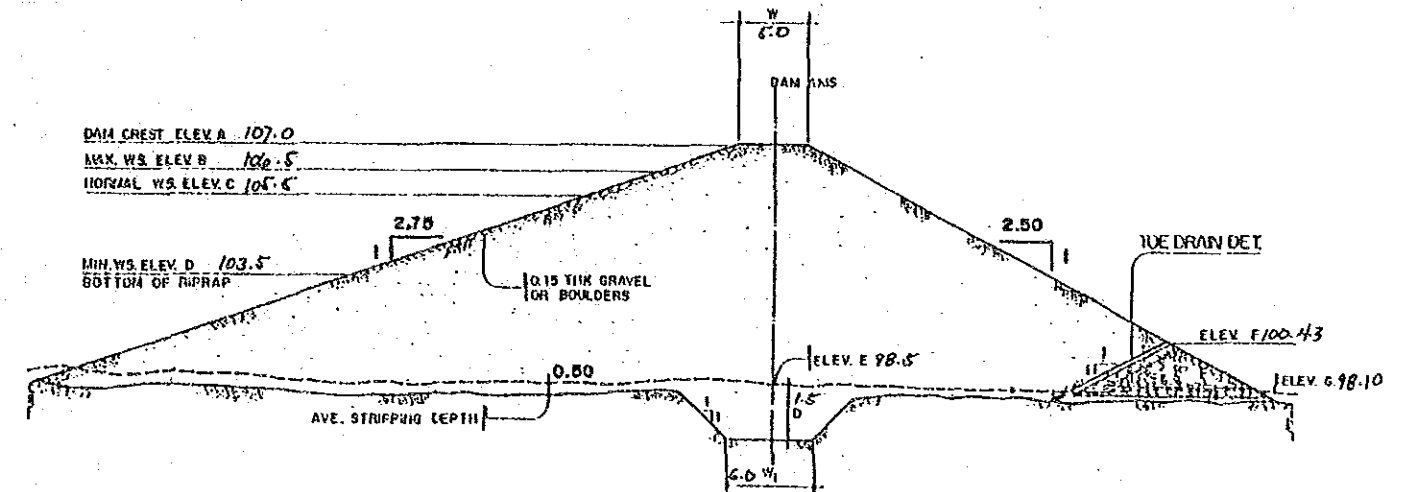


SWIM PROJECT PROFILE		File No. : 177
Regist. No. : Agency No. : BSWM-92	Name: SAN ROQUE SWIP	
Region: 6	Province: AKLAN	Municipality: MALINAO
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 3 m
	: Effective Storage Capacity	: 60,512 m ³
	: Embankment Volume	: 28,400 m ³
	: Design Flood Discharge	: 12 m ³ /sec.
2. Irrigation	: Irrigation Area	: 40 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 36 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 3 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Alignment of the spillway shall be re-studied. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 33	EIRR : 17.3 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : B
4. Construction	: 3,269	Implementation Schedule:
Dam	: 888	Review : 1997
Irrigation	: 0	F/S : Completed
Mini-Hydropower	: 0	D/D : Completed
Water Supply	: 875	Construction: Jan. 1998; 6 months
Watershed Protection	: 5,065	
5. Grand Total		

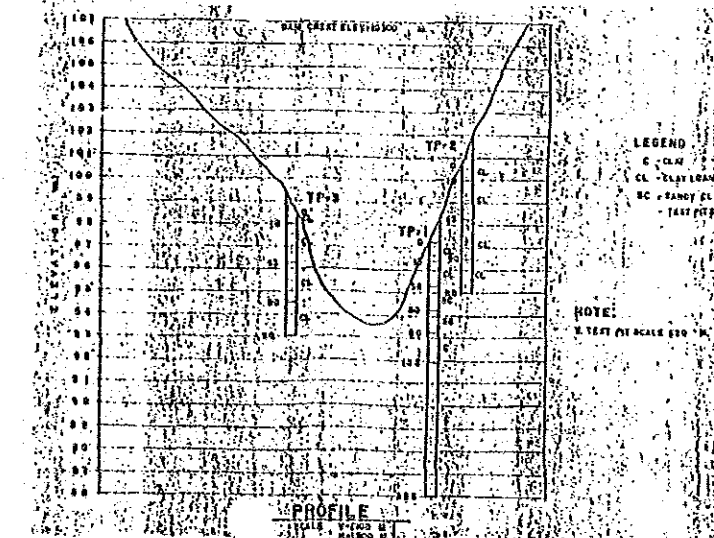
Layout:



Typical Dam Section:



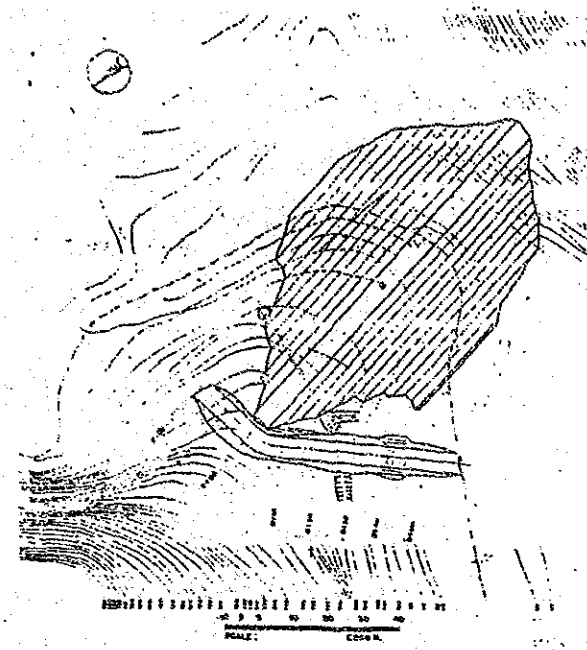
Profile of Dam Axis:



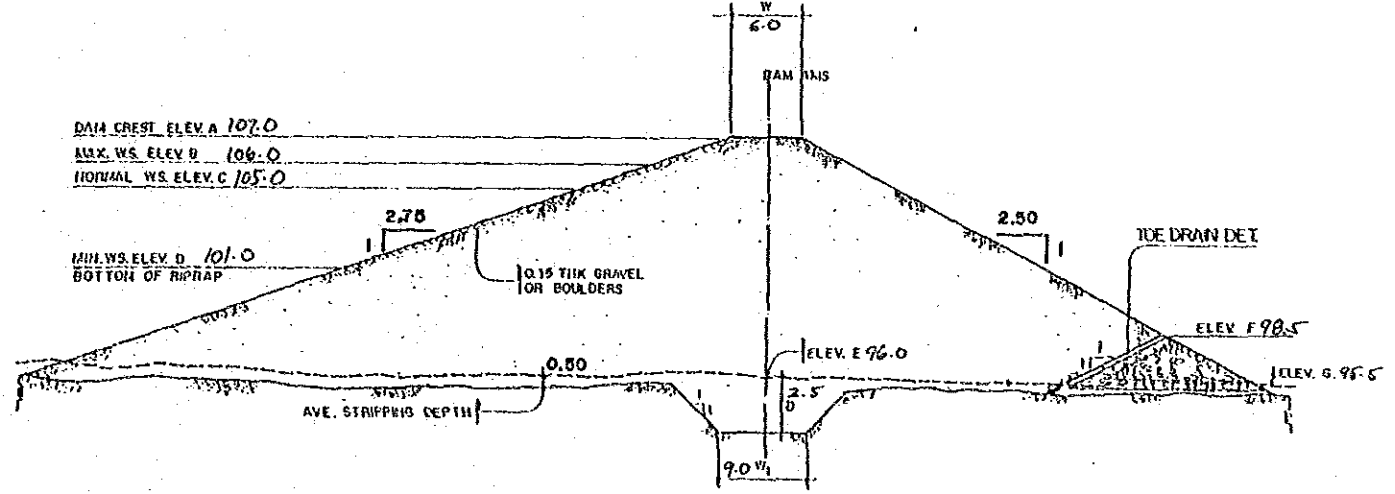
Note: Sandy clay with 2.0 m depth is piled up on the andesite and dacite.

SWIM PROJECT PROFILE		File No. : 178
Regist. No. : Agency No. : BSWM-93	Name: ARANAS SWIP	
Region: 6	Province: AKLAN	Municipality: BALETE
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 11 m
	: Effective Storage Capacity	: 82,544 m ³
	: Embankment Volume	: 36,500 m ³
	: Design Flood Discharge	: 13 m ³ /sec.
2. Irrigation	: Irrigation Area	: 100 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 54 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 6 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Center line of the spillway shall be shifted to right side. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 0	EIRR : 15.7 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : B
4. Construction	: 4,026	Implementation Schedule:
Dam	: 2,219	Review : -
Irrigation	: 0	F/S : Completed
Mini-Hydropower	: 0	D/D : Completed
Water Supply	: 1,313	Construction: Jul. 1998; 9 months
Watershed Protection	: 7,558	
5. Grand Total	: 7,558	

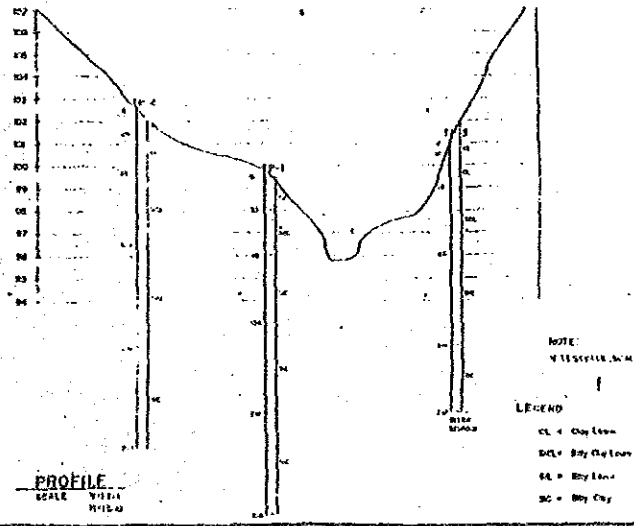
Layout:



Typical Dam Section:



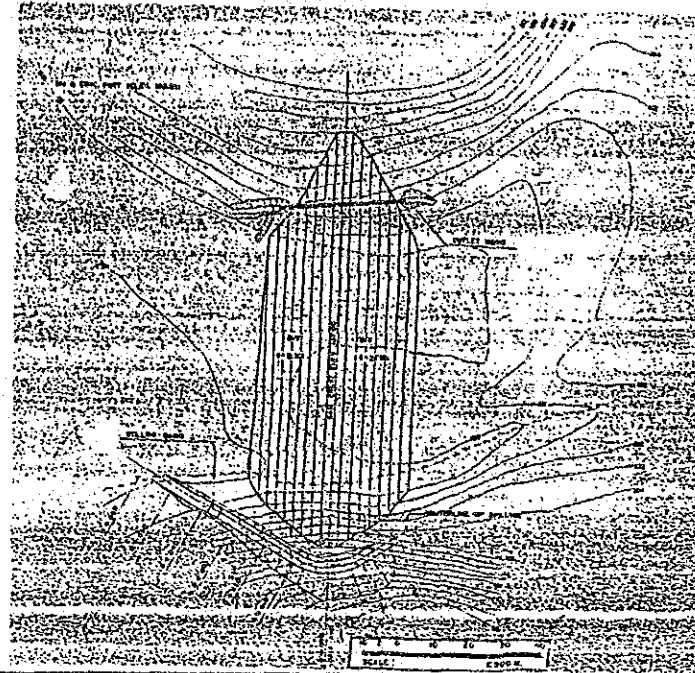
Profile of Dam Axis:



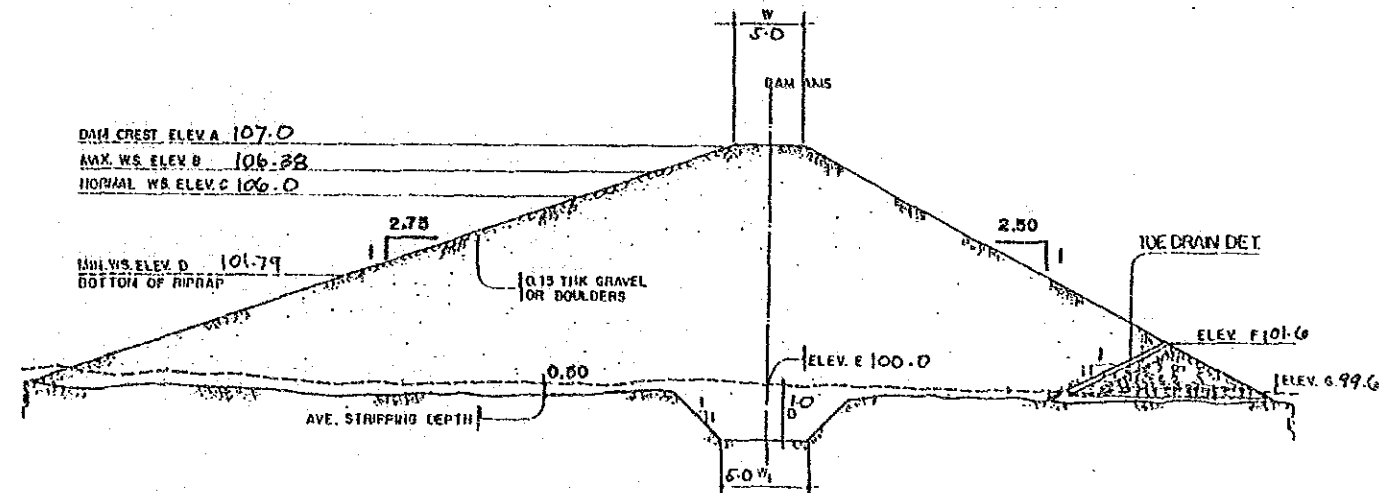
Note: Silty clay with 3.0 m depth is piled up on the andesite and dacite.

SWIM PROJECT PROFILE		File No. : 179
Regist. No. : Agency No. : BSWM-94	Name : BUENAVISTA SWIP	
Region : 6	Province : ANTIQUE	Municipality : BELISON
Present Status: 1. Pre-F/S() (2) F/S(1983) (3) D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 7 m
	: Effective Storage Capacity	: 58,656 m ³
	: Embankment Volume	: 16,000 m ³
	: Design Flood Discharge	: 3 m ³ /sec.
2. Irrigation	: Irrigation Area	: 50 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 12 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 3 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified condition during condition. Stability of upstream slope of the dam shall be checked. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 0	EIRR : 15.2 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : A
4. Construction	: 2,175	Implementation Schedule:
Dam	: 2,175	Review : -
Irrigation	: 1,109	F/S : Completed
Mini-Hydropower	: 0	D/D : Completed
Water Supply	: 0	Construction: Jul. 1993; 6 months
Watershed Protection	: 291	
5. Grand Total	: 3,576	

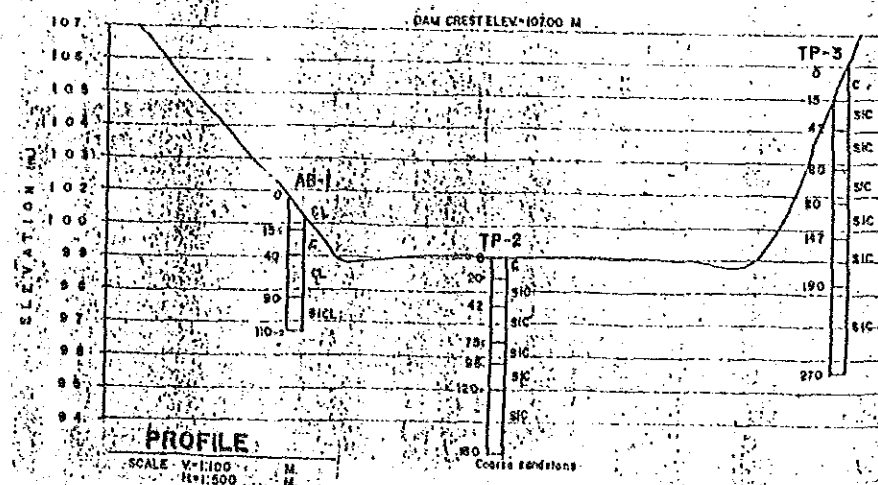
Layout:



Typical Dam Section:



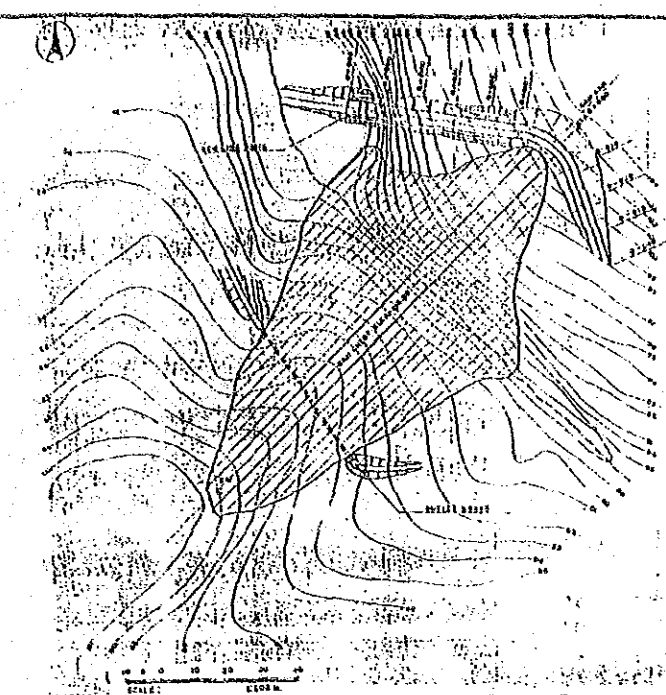
Profile of Dam Axis:



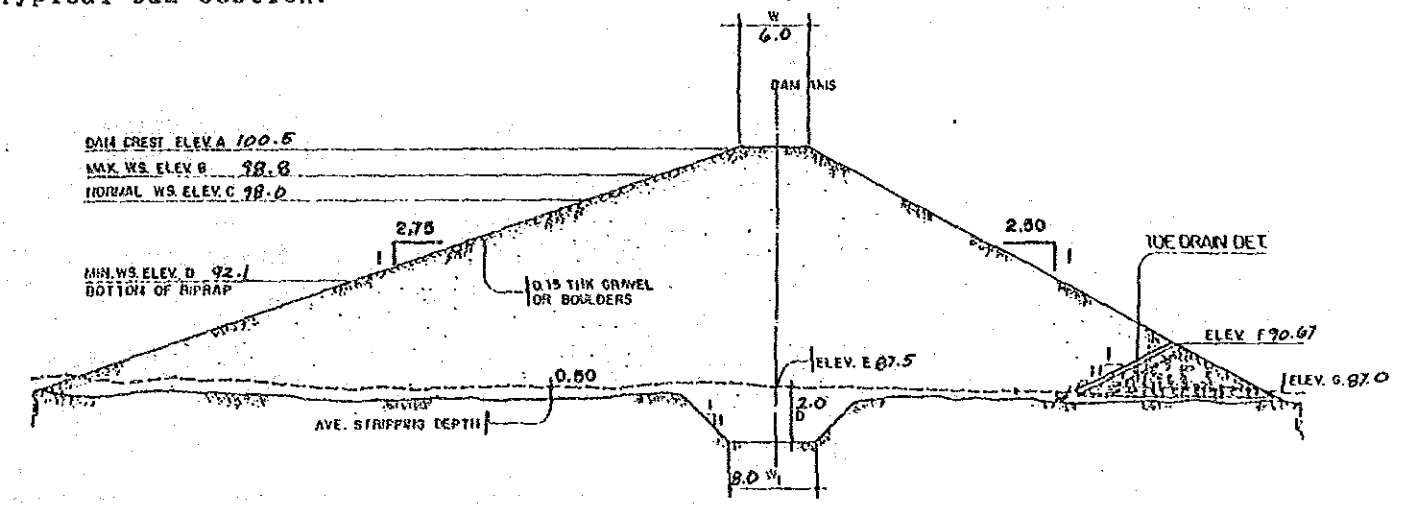
Note: silty clay with 2.0 m depth is piled up on the sand stone.

SWIM PROJECT PROFILE		File No. : 180
Regist. No. : Agency No. : BSWM-05	Name: DITA I SWIP	
Region: 7	Province: BOHOL	Municipality: UBAY
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FG, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 14 m
	: Effective Storage Capacity	: 119,321 m ³
	: Embankment Volume	: 23,200 m ³
	: Design Flood Discharge	: 9 m ³ /sec.
2. Irrigation	: Irrigation Area	: 50 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 30 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 6 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 0	EIRR : 17.0 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : A
4. Construction	: 0	Implementation Schedule:
Dam	: 4,294	Review : -
Irrigation	: 1,109	F/S : Completed
Mini-Hydropower	: 0	D/D : Completed
Water Supply	: 0	Construction: Jul. 1984; 6 months
Watershed Protection	: 729	
5. Grand Total	: 6,133	

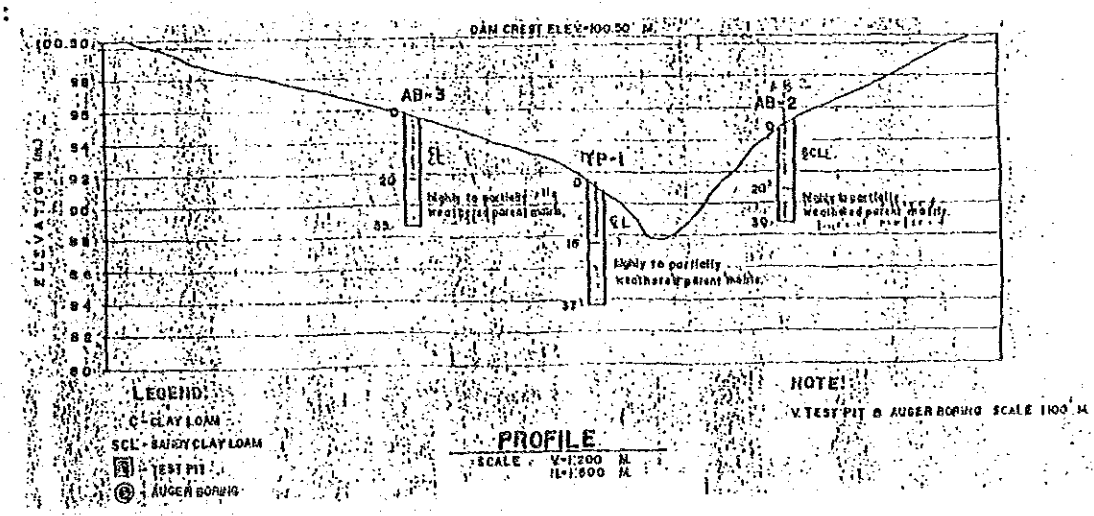
Layout:



Typical Dam Section:



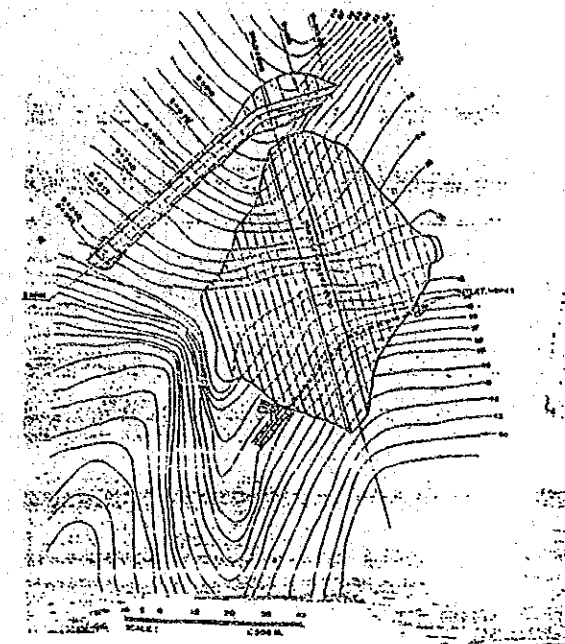
Profile of Dam Axis:



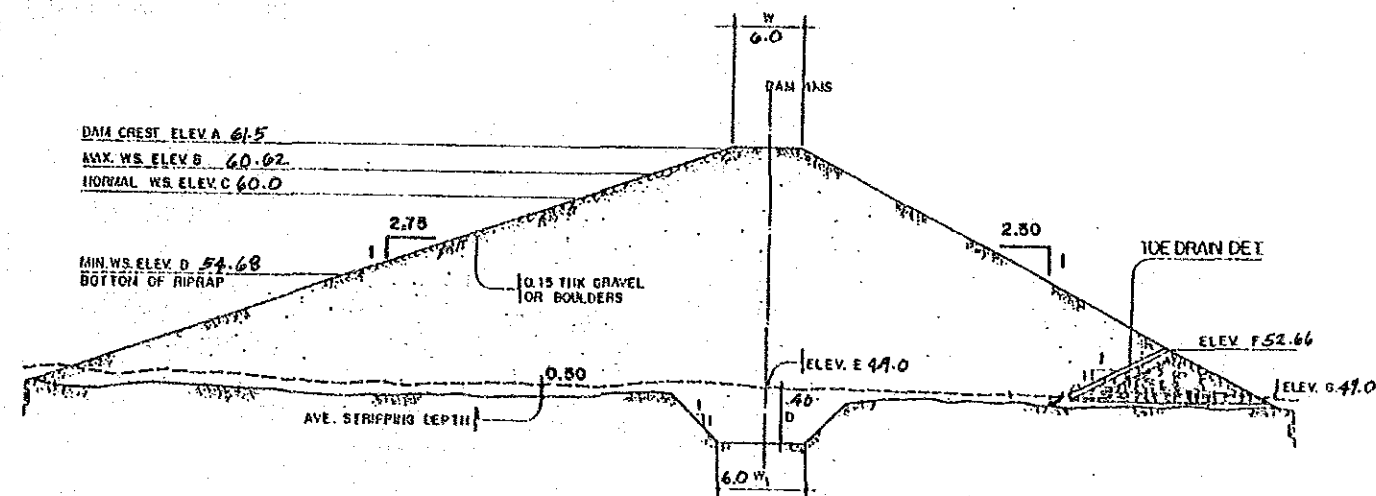
Note: clay with more than 1.5 m depth is piled up on the hard, massive and dense andesite.

SWIM PROJECT PROFILE		File No. : 181
Regist. No. : Agency No. : BSWM-96	Name : DITA II SWIP	
Region : 7	Province : BOHOL	Municipality : UBAY
Present Status : 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 13 m
	: Effective Storage Capacity	: 109,672 m ³
	: Embankment Volume	: 14,000 m ³
	: Design Flood Discharge	: 6 m ³ /sec.
2. Irrigation	: Irrigation Area	: 35 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 18 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 6 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not studied. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Weir shall be provided in the spillway. Center line of conduit is recommended to be straight.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 0	EIRR : 18.4 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : A
4. Construction	:	Implementation Schedule:
Dam	: 2,877	Review : -
Irrigation	: 777	F/S : Completed
Mini-Hydropower	: 0	D/D : Completed
Water Supply	: 0	Construction: Jul. 1982; 6 months
Watershed Protection	: 437	
5. Grand Total	: 4,081	

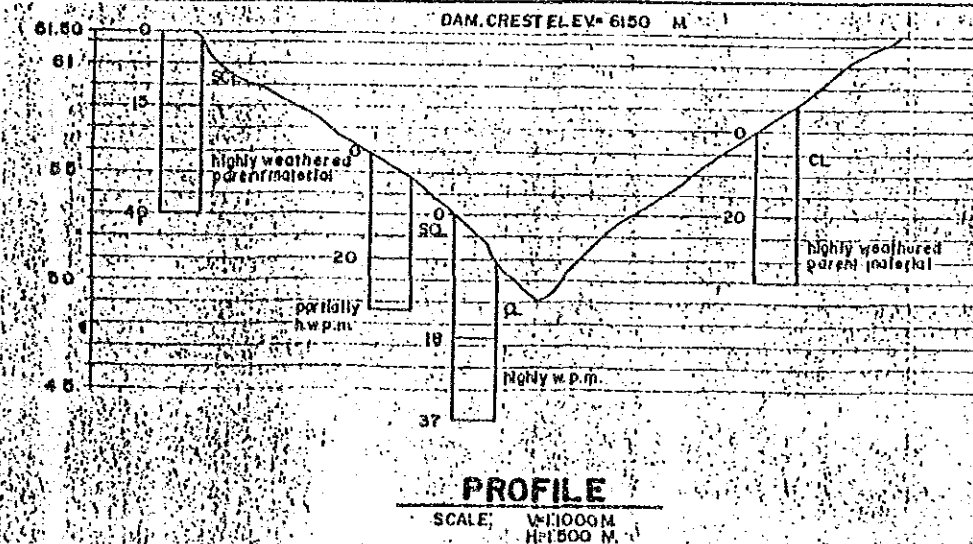
Layout:



Typical Dam Section:



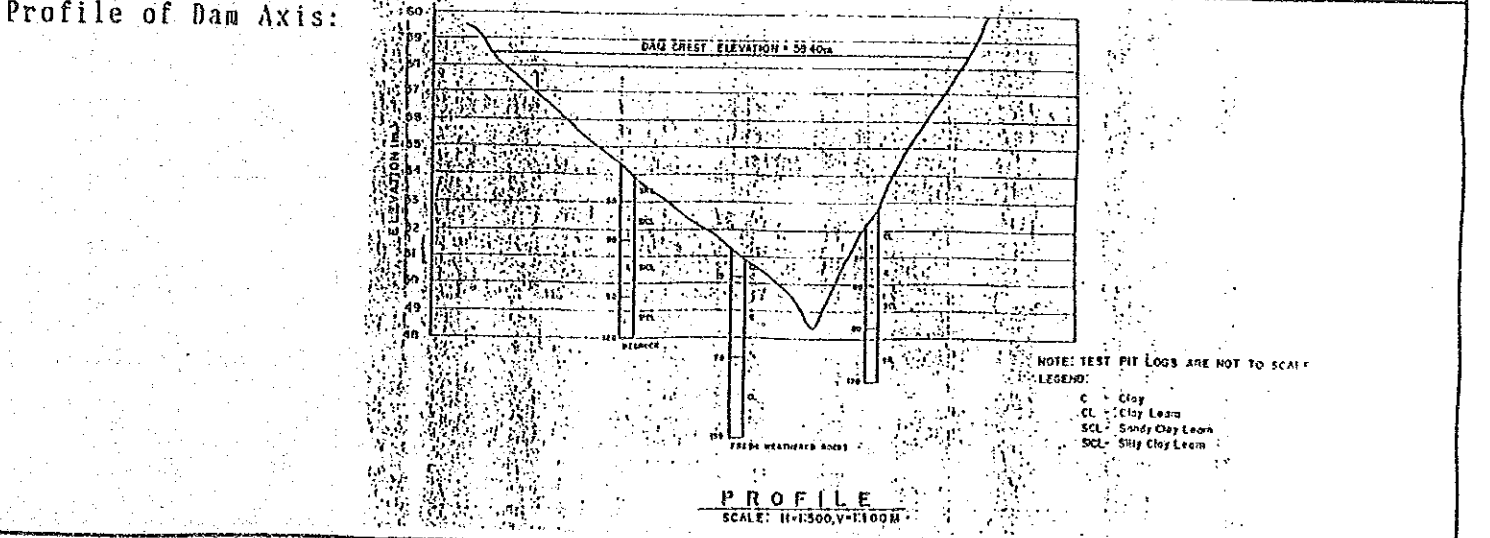
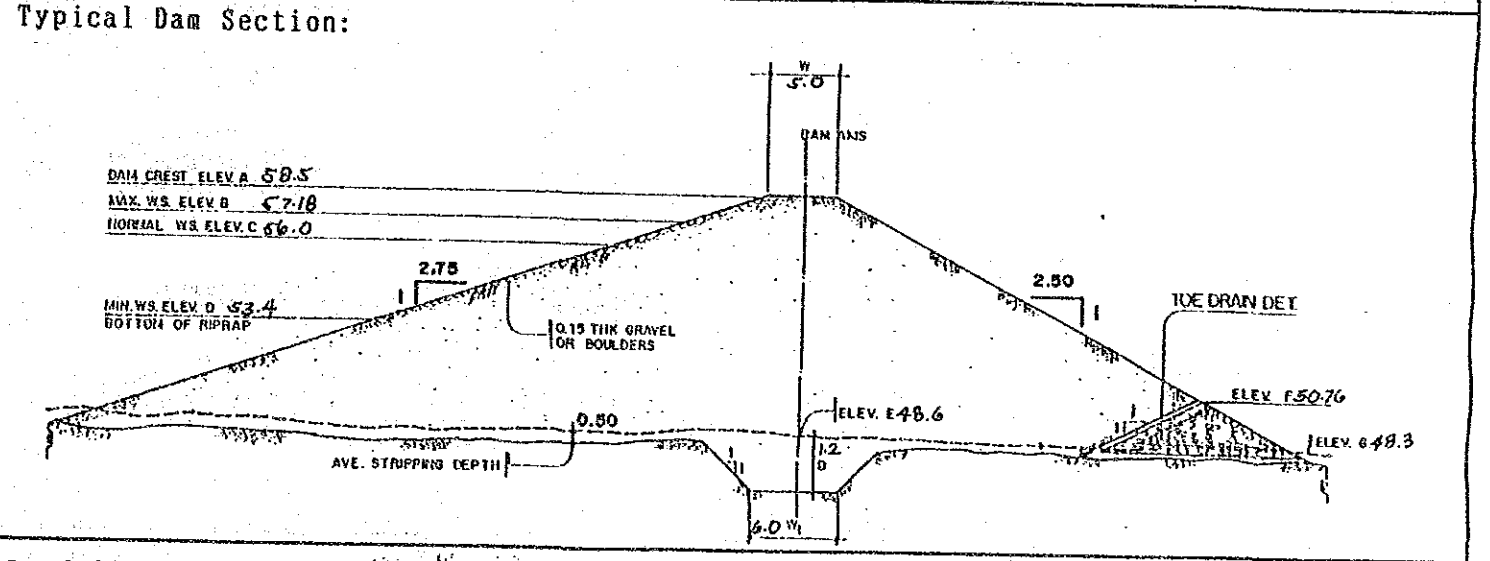
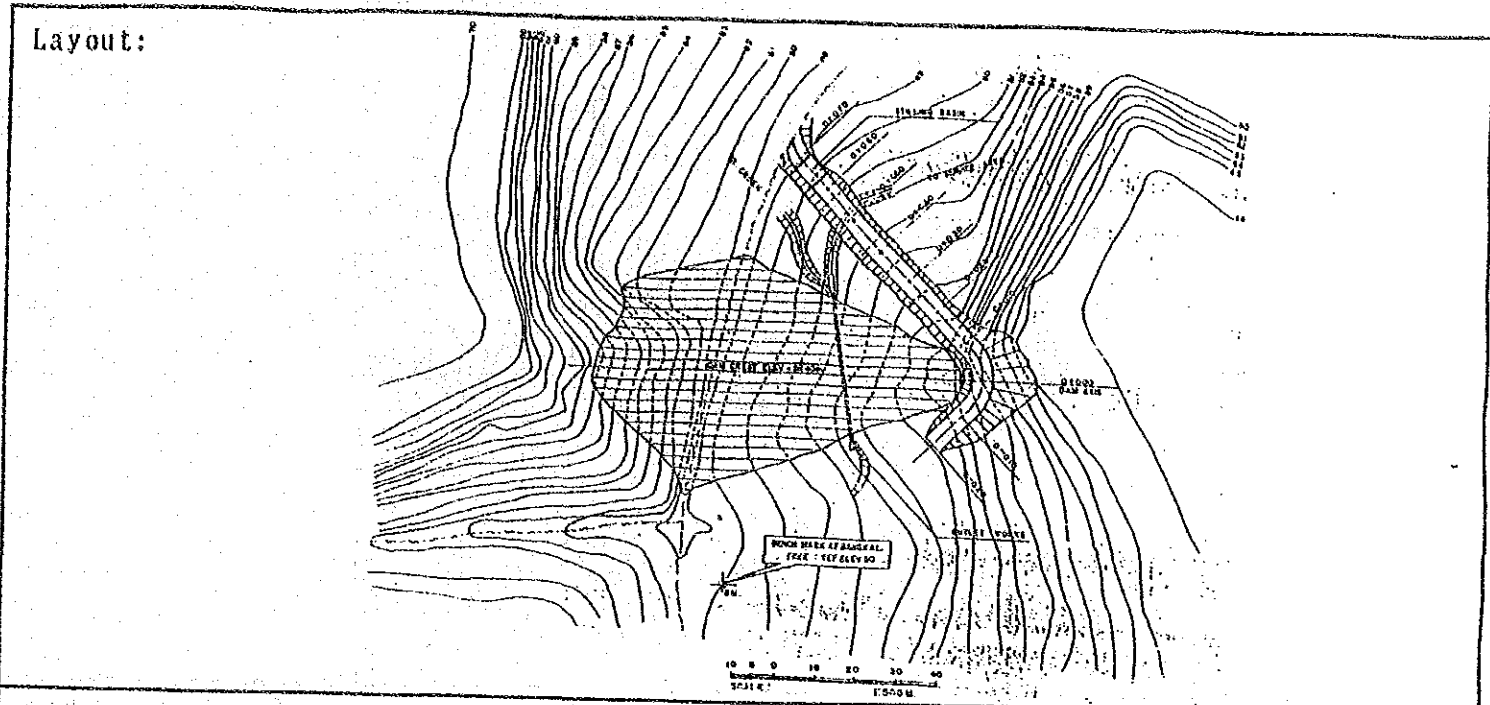
Profile of Dam Axis:



Note:

Clay with more than 1.5 m depth is piled up on the andesite.

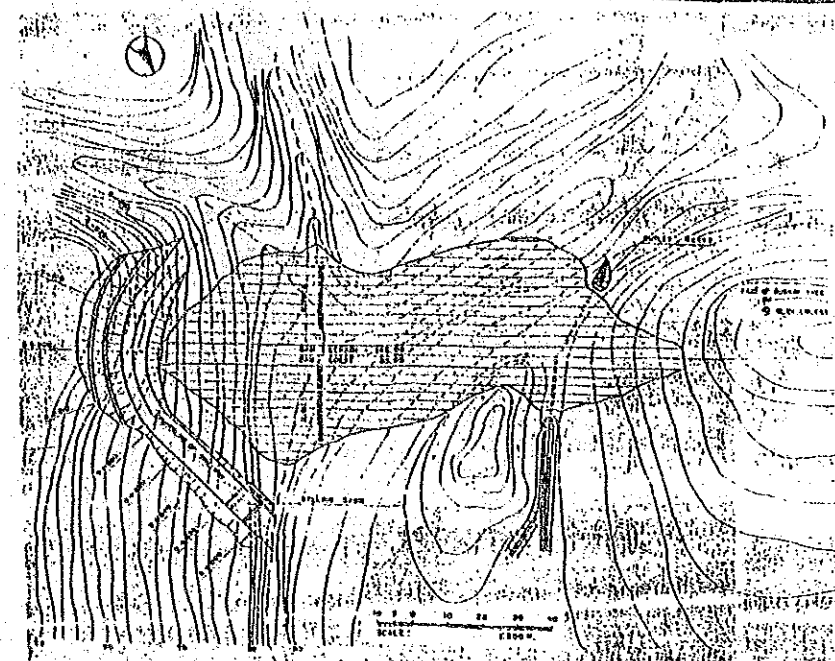
SWIM PROJECT PROFILE		File No. : 182
Regist. No. : Agency No. : BSWM-97	Name : SAN JOSE SWIP	
Region : 7	Province : BOHOL	Municipality : MABINI
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 10 m
	: Effective Storage Capacity	: 35,679 m ³
	: Embankment Volume	: 11,900 m ³
	: Design Flood Discharge	: 14 m ³ /sec.
2. Irrigation	: Irrigation Area	: 30 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 36 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 3 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 0	EIRR : 16.2 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : A
4. Construction		Implementation Schedule:
Dam	: 3,268	Review : -
Irrigation	: 666	F/S : Completed
Mini-Hydropower	: 0	D/D : Completed
Water Supply	: 0	Construction: Jul. 1993; 6 months
Watershed Protection	: 875	
5. Grand Total	: 4,809	



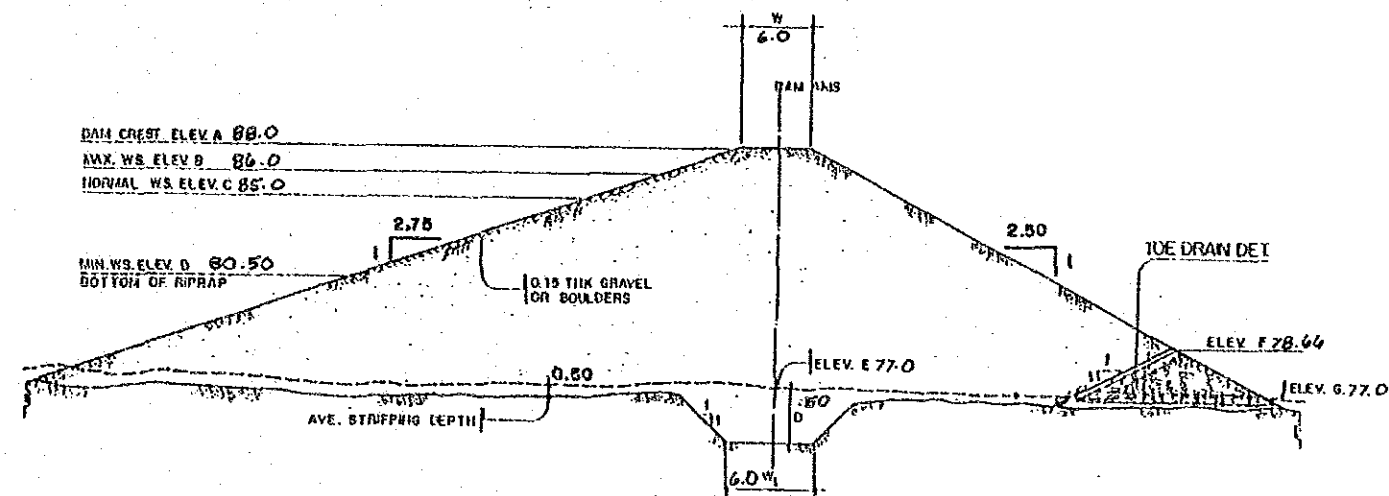
Note: Clay with more than 1.5 m depth is piled up on the andesite.

SWIM PROJECT PROFILE		File No. : 183
Regist. No. : Agency No. : BSWM-98	Name: STO. NINO SWIP	
Region: 7	Province: BOHOL	Municipality: TALIBON
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	Dam Type : HOMOGENEOUS EARTHFILL	
	Dam Height : 11 m	
	Effective Storage Capacity : 176,495 m ³	
	Embankment Volume : 26,600 m ³	
	Design Flood Discharge : 28 m ³ /sec.	
2. Irrigation	Irrigation Area : 110 ha	
3. Mini-hydropower	Installed Capacity : 0 kW	
4. Watershed Man.	Watershed Protection Area : 102 ha	
5. Water Supply	Design Supply Capacity : 0 m ³ /day	
6. Inland Fishery	Annual Production : 13 ton/year	
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Weir shall be provided in the spillway. Center line of conduit is recommended to be straight.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 0	EIRR : 28.2 %
2. Feasibility Study	: 0	
3. Detailed Design	: 0	Priority Rating:
4. Construction	: 3,802	Group : A
Dam	: 2,441	(OECF Candidate)
Irrigation	: 0	Implementation Schedule:
Mini-Hydropower	: 0	Review : -
Water Supply	: 0	F/S : Completed
Watershed Protection	: 2,479	D/D : Completed
5. Grand Total	: 8,722	Construction: within 1st 5 years

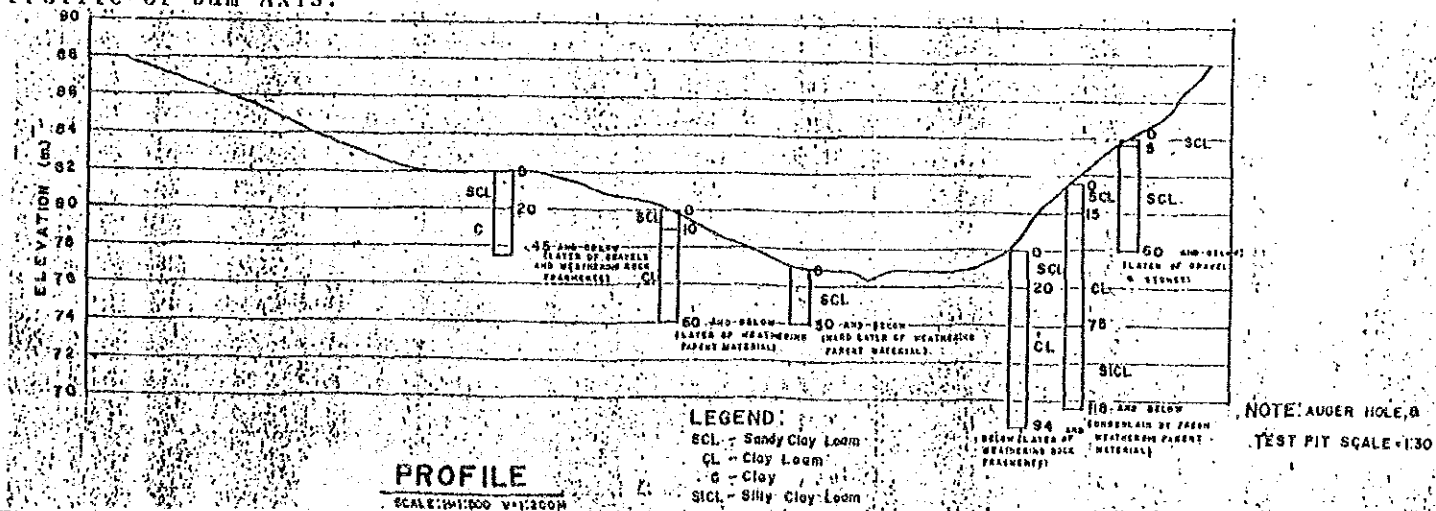
Layout:



Typical Dam Section:



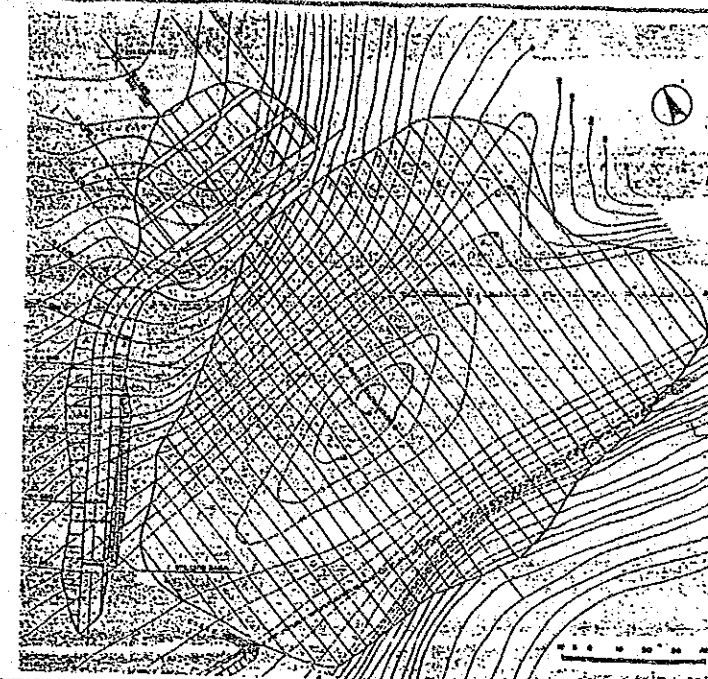
Profile of Dam Axis:



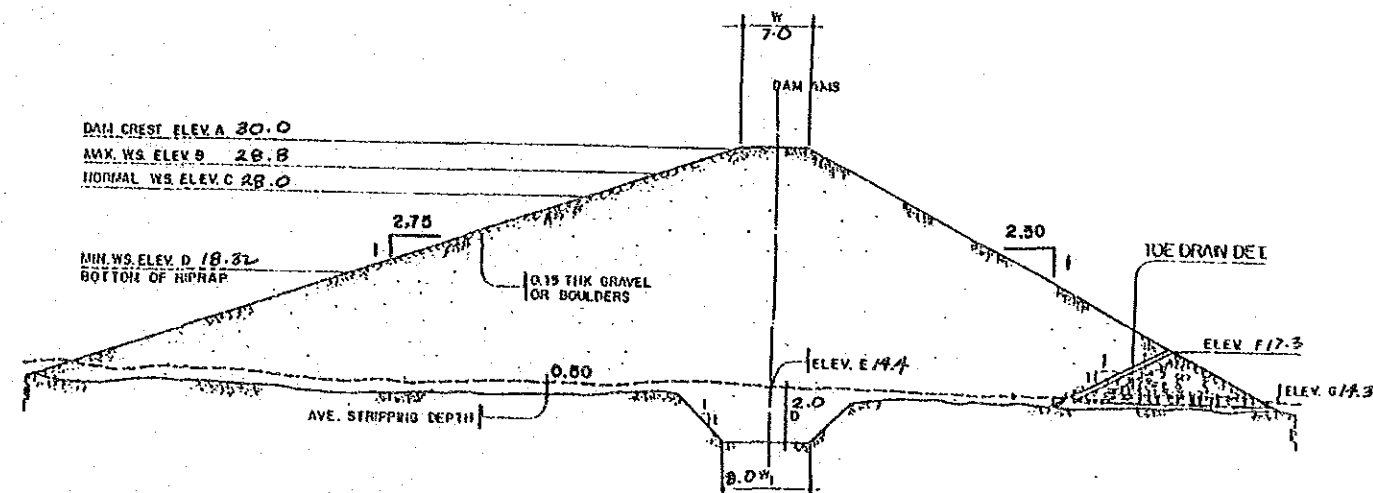
Note:
Clay with more than 1.5 m depth is piled up on the andesite.

SWIM PROJECT PROFILE		File No. : 184
Regist. No. : Agency No. : BSWM-99	Name : NANGKA SWIP	
Region : 7	Province : NEGROS ORIENTAL	Municipality : BAYAWAN
Present Status : 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 16 m
	: Effective Storage Capacity	: 71,338 m ³
	: Embankment Volume	: 26,000 m ³
	: Design Flood Discharge	: 5 m ³ /sec.
2. Irrigation	: Irrigation Area	: 35 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 12 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 2 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Design discharge shall be estimated based on 100 year' flood or more. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 0	EIRR : 12.3 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : A
4. Construction	: 3,249	(OECF Candidate)
Dam	: 777	Implementation Schedule:
Irrigation	: 0	Review : -
Mini-Hydropower	: 0	F/S : Completed
Water Supply	: 291	D/D : Completed
Watershed Protection	: 4,317	Construction: within 1st 5 years
5. Grand Total		

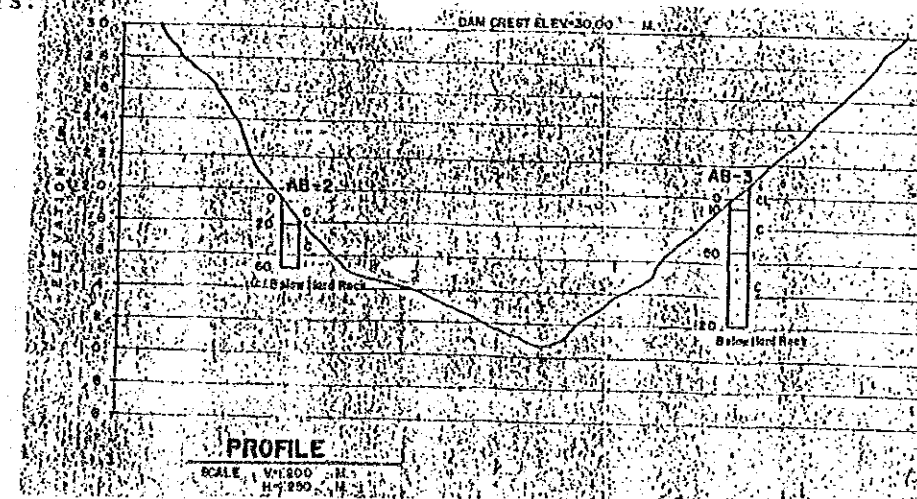
Layout:



Typical Dam Section:



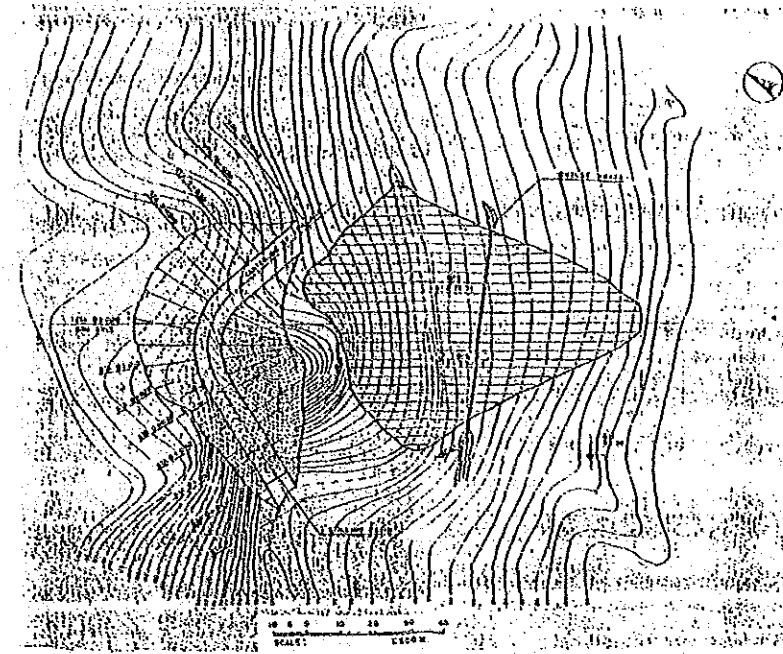
Profile of Dam Axis:



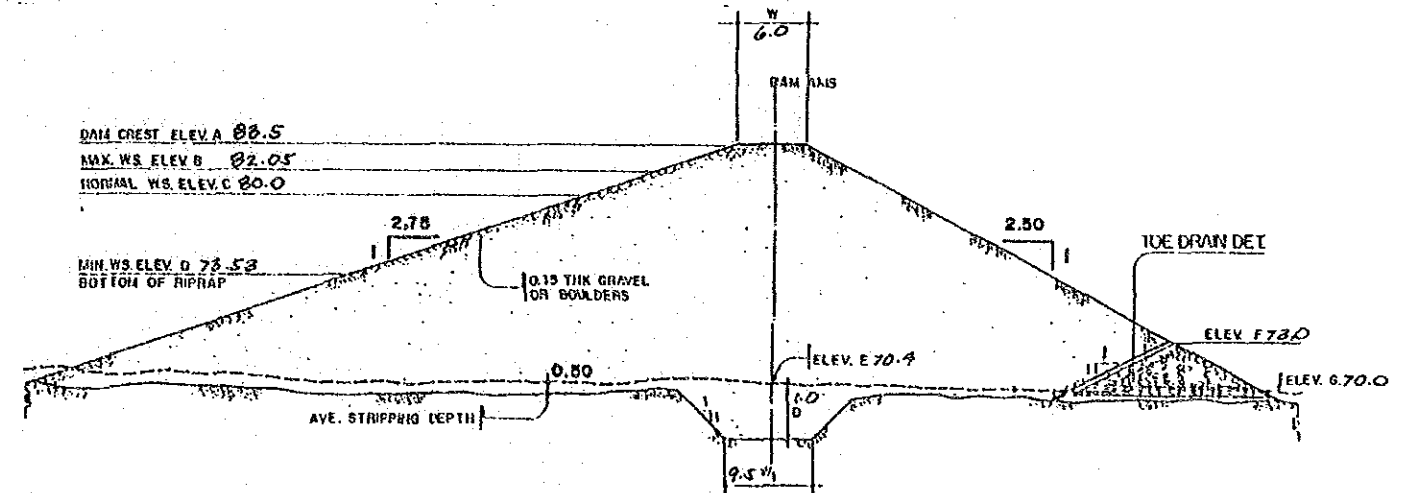
Note: Clay with more than 1.5 m depth is piled up on the sand stone and shale.

SWIM PROJECT PROFILE		File No. : 185
Regist. No. : Agency No. : BSWM-100	Name: BAGTIC SWIP	
Region: 7	Province: NEGROS ORIENTAL	Municipality: MABINAY
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 14 m
	: Effective Storage Capacity	: 17,358 m ³
	: Embankment Volume	: 19,500 m ³
	: Design Flood Discharge	: 44 m ³ /sec.
2. Irrigation	: Irrigation Area	: 100 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 150 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 3 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Annual production of inland fishery is over-estimated. Environmental production plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Center line of supercritical flow portion shall be straight. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 0	EIRR : 37.2 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : B
4. Construction	: 0	Implementation Schedule:
Dam	: 2,951	Review : -
Irrigation	: 2,219	F/S : Completed
Mini-Hydropower	: 0	D/D : Completed
Water Supply	: 0	Construction: Jul. 1996: 6 months
Watershed Protection	: 3,646	
5. Grand Total	: 8,816	

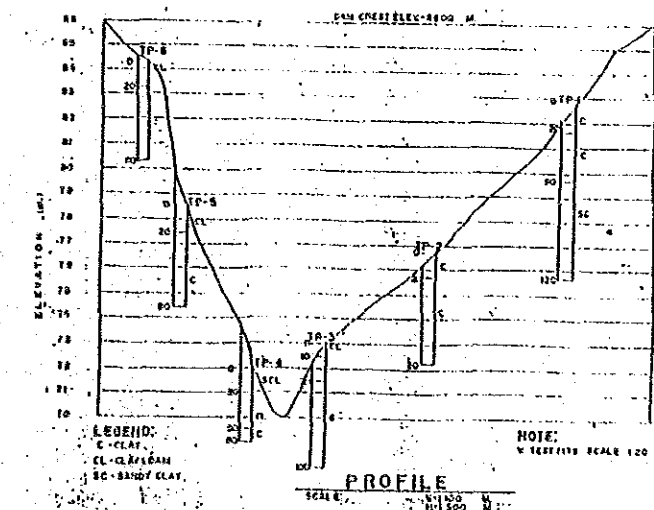
Layout:



Typical Dam Section:



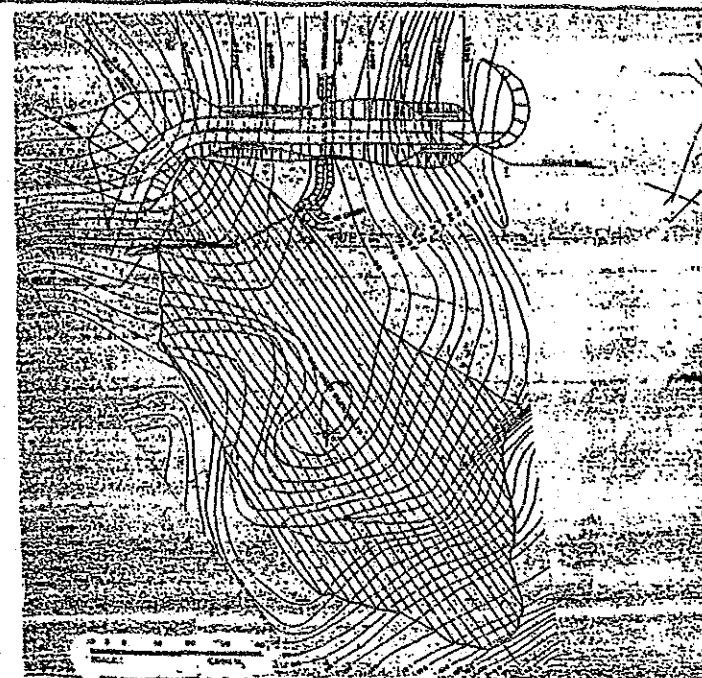
Profile of Dam Axis:



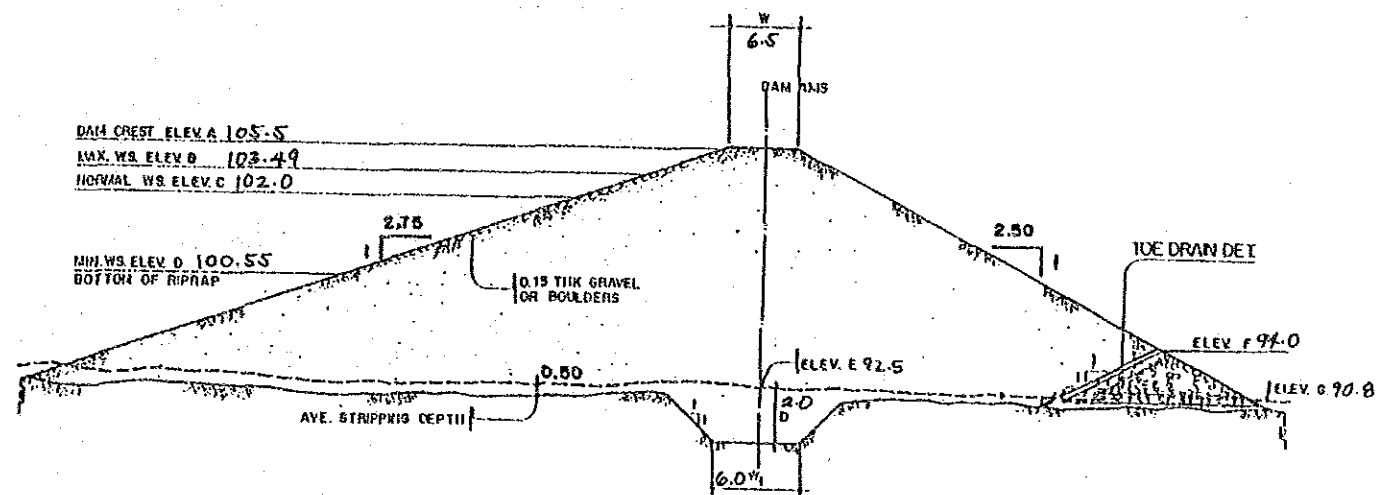
Note: Clay with more than 1.2 m depth is piled up on the basalt and andesite.

SWIM PROJECT PROFILE		File No. : 186
Regist. No. : Agency No. : BSWM-101	Name: NABILOG SWIP	
Region: 7	Province: NEGROS ORIENTAL	Municipality: AYUNGON
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 13 m
	: Effective Storage Capacity	: 19,567 m ³
	: Embankment Volume	: 45,000 m ³
	: Design Flood Discharge	: 24 m ³ /sec.
2. Irrigation	: Irrigation Area	: 50 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 78 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 3 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Weir shall be provided in the spillway. Centerline of conduit is recommended to be straight.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 0	EIRR : 14.1 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : B
4. Construction	: 5,232	Implementation Schedule:
Dam	: 1,109	Review : -
Irrigation	: 0	F/S : Completed
Mini-Hydropower	: 0	D/D : Completed
Water Supply	: 1,898	Construction: Jul. 1998; 9 months
Watershed Protection	: 8,240	
5. Grand Total	: 8,240	

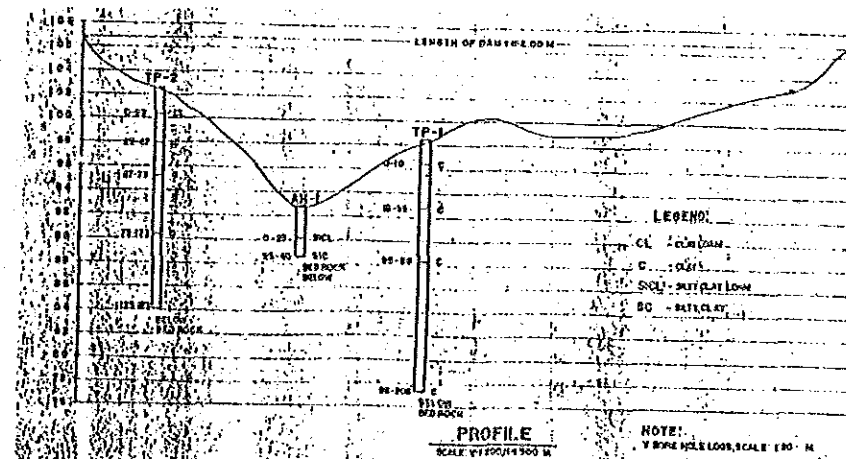
Layout:



Typical Dam Section:



Profile of Dam Axis:

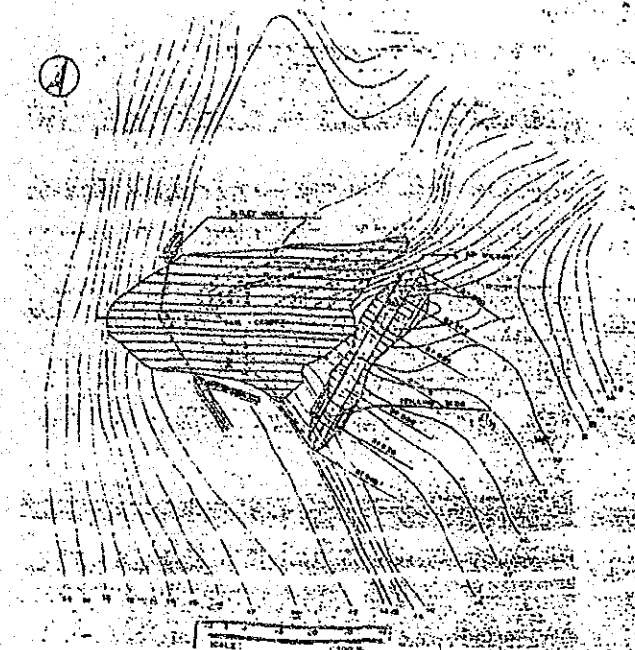


Note:

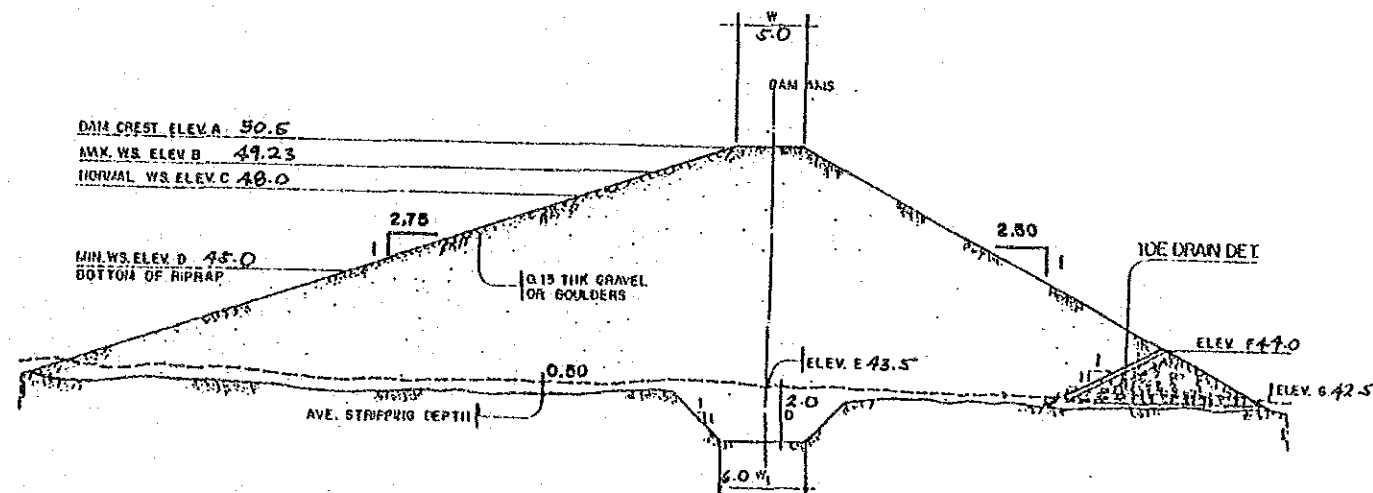
Clay with more than 1.2 m depth is piled up on the basalt and andesite.

SWIM PROJECT PROFILE		File No. : 187
Regist. No. : Agency No. : BSWM-102	Name: BONG-BONG I SWIP	
Region: 7	Province: BOHOL	Municipality: UBAY
Present Status: 1. Pre-F/S() (2) F/S(1983) (3) D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 7 m
	: Effective Storage Capacity	: 79,439 m ³
	: Embankment Volume	: 8,800 m ³
	: Design Flood Discharge	: 13 m ³ /sec.
2. Irrigation	: Irrigation Area	: 100 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 60 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 6 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Weir shall be provided in the spillway. Centerline of conduit is recommended to be straight.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 0	EIRR : 39.5 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : A
4. Construction	: 1,876	Implementation Schedule:
Dam	: 1,876	Review : -
Irrigation	: 2,219	F/S : Completed
Mini-Hydropower	: 0	D/D : Completed
Water Supply	: 0	Construction: Jul. 1992; 6 months
Watershed Protection	: 1,461	
5. Grand Total	: 5,656	

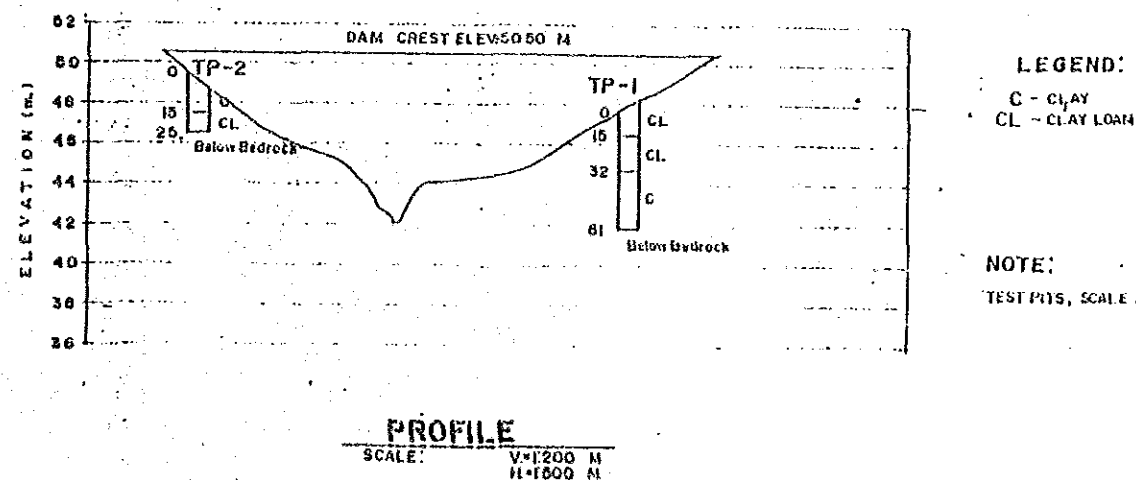
Layout:



Typical Dam Section:



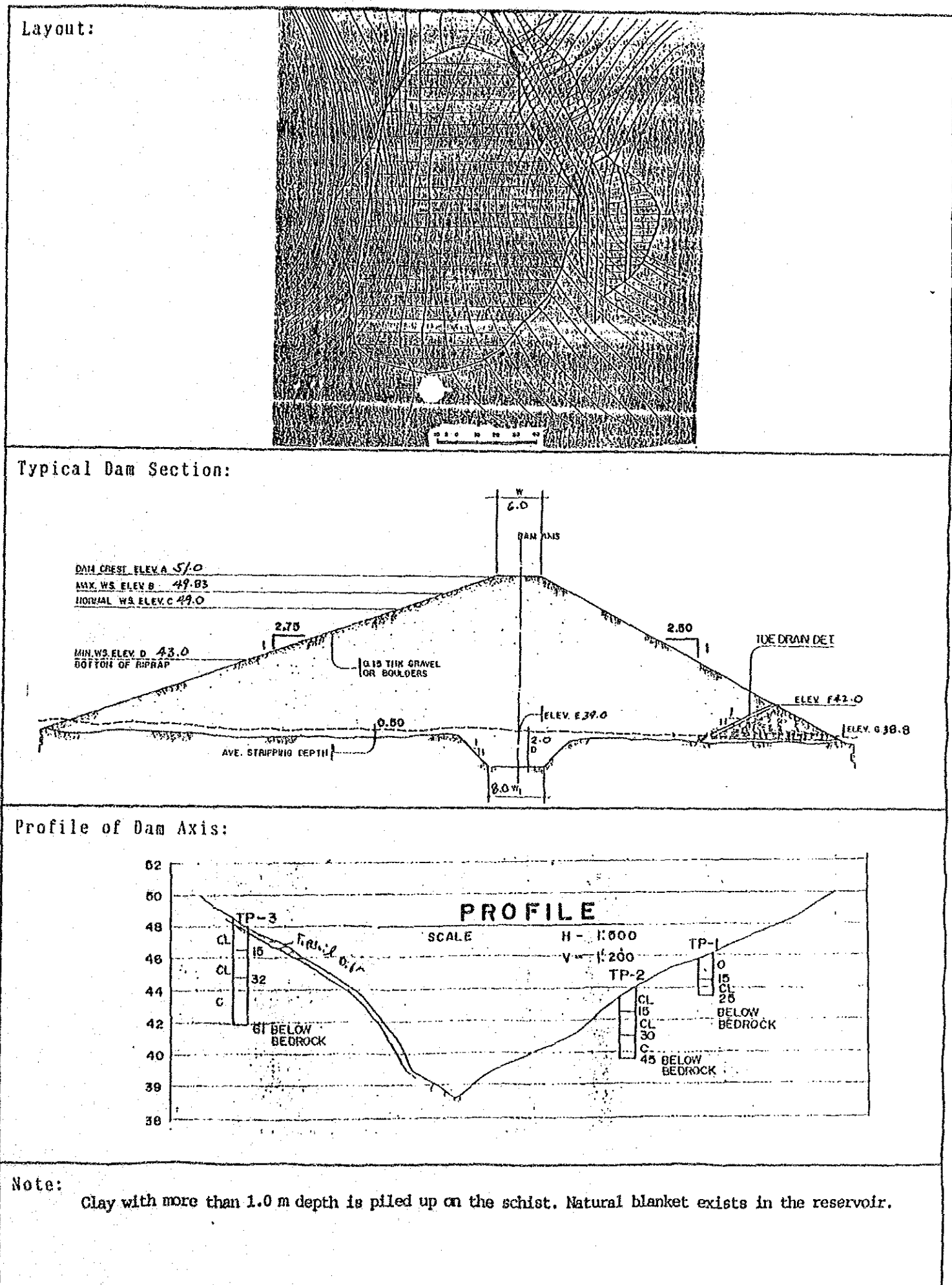
Profile of Dam Axis:



Note:

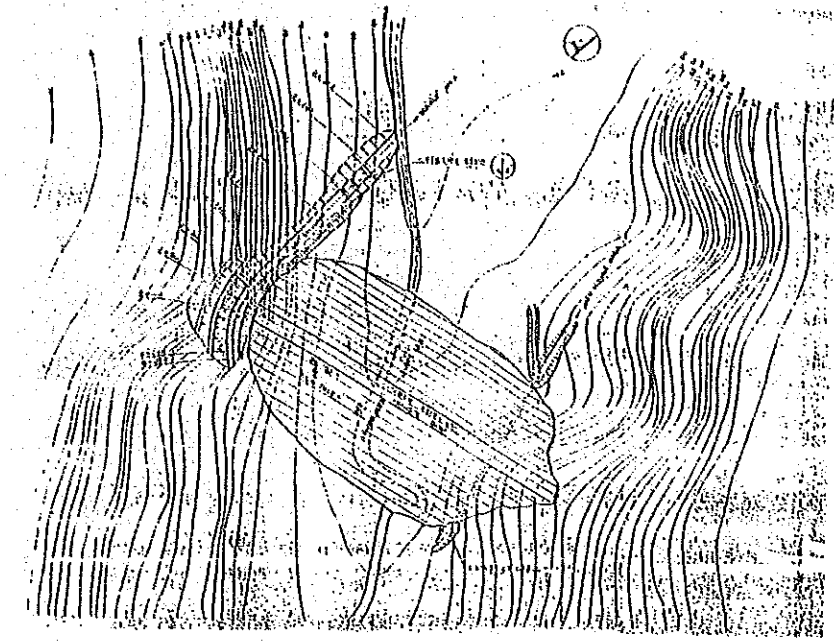
Clay with more than 1.0 m is piled up on the schist. Natural blanket exists in the reservoir.

SWIM PROJECT PROFILE		File No. : 188
Regist. No. : Agency No. : BSWM-103	Name: BONG-BONG II SWIP	
Region: 7	Province: BOHOL	Municipality: UBAY
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 12 m
	: Effective Storage Capacity	: 106,019 m ³
	: Embankment Volume	: 10,250 m ³
	: Design Flood Discharge	: 9 m ³ /sec.
2. Irrigation	: Irrigation Area	: 100 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 30 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 5 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 0	EIRR : 31.1 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : A
4. Construction	: 1,998	Implementation Schedule:
Dam	: 1,998	Review : -
Irrigation	: 2,219	F/S : Completed
Mini-Hydropower	: 0	D/D : Completed
Water Supply	: 0	Construction: Jul. 1992; 6 months
Watershed Protection	: 729	
5. Grand Total	: 4,946	

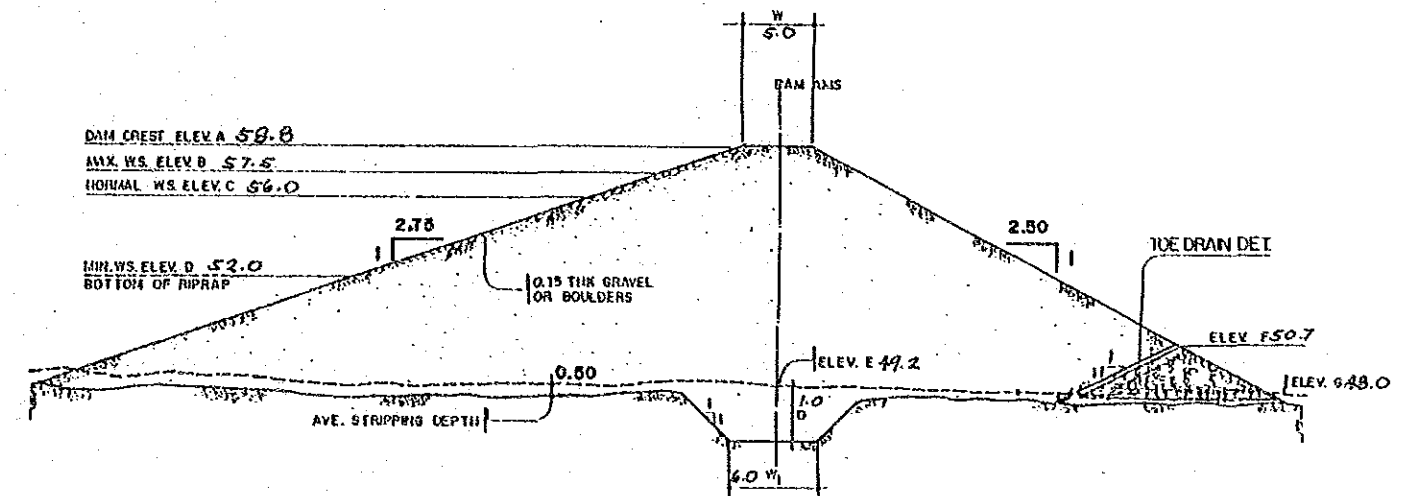


SWIM PROJECT PROFILE		File No. : 189
Regist. No. : Agency No. : BSWM-108	Name: JUBASAN SWIP	
Region: 8	Province: NORTHERN SAMAR	Municipality: ALLEN
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	Dam Type : HOMOGENEOUS EARTHFILL	
	Dam Height : 10 m	
	Effective Storage Capacity : 55,717 m ³	
	Embankment Volume : 33,400 m ³	
	Design Flood Discharge : 14 m ³ /sec.	
2. Irrigation	Irrigation Area : 25 ha	
3. Mini-hydropower	Installed Capacity : 0 kW	
4. Watershed Man.	Watershed Protection Area : 36 ha	
5. Water Supply	Design Supply Capacity : 0 m ³ /day	
6. Inland Fishery	Annual Production : 3 ton/year	
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated. Project planning shall be re-formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Centerline of the spillway shall be shifted to left side. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 37	EIRR : 3.4 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : B
4. Construction		Implementation Schedule:
Dam	: 4,135	Review : 1993
Irrigation	: 555	F/S : Completed
Mini-Hydropower	: 0	D/D : Completed
Water Supply	: 0	Construction: Jan.2000; 6 months
Watershed Protection	: 875	
5. Grand Total	: 5,602	

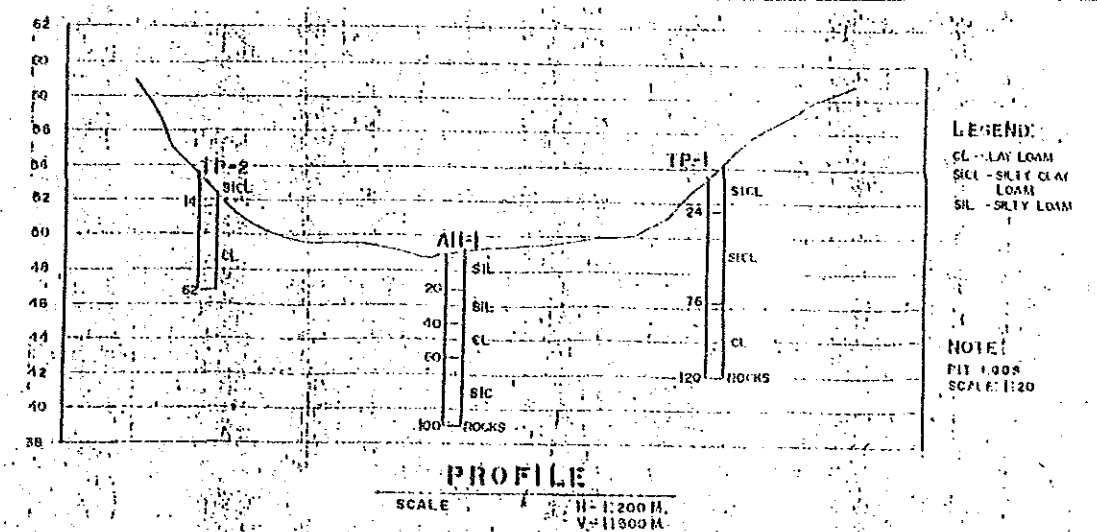
Layout:



Typical Dam Section:



Profile of Dam Axis:

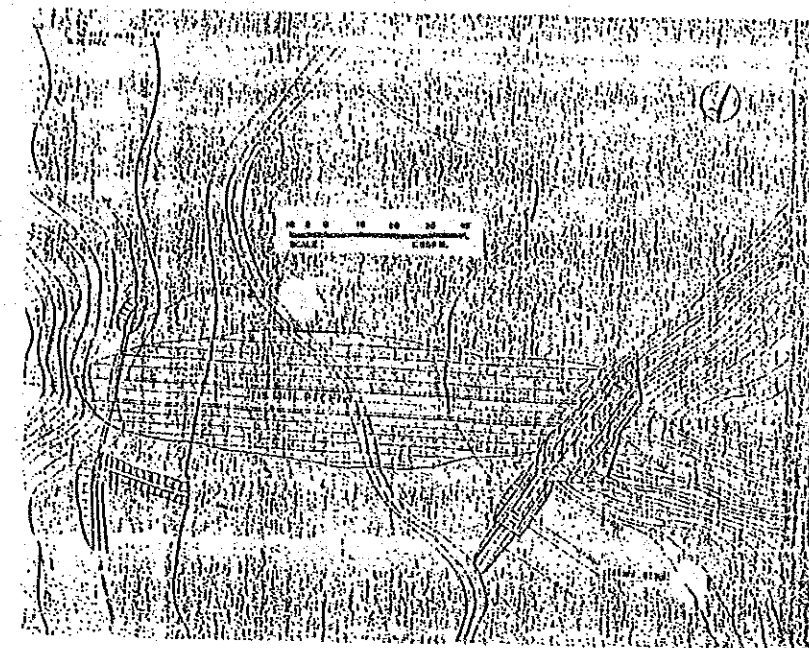


Note:

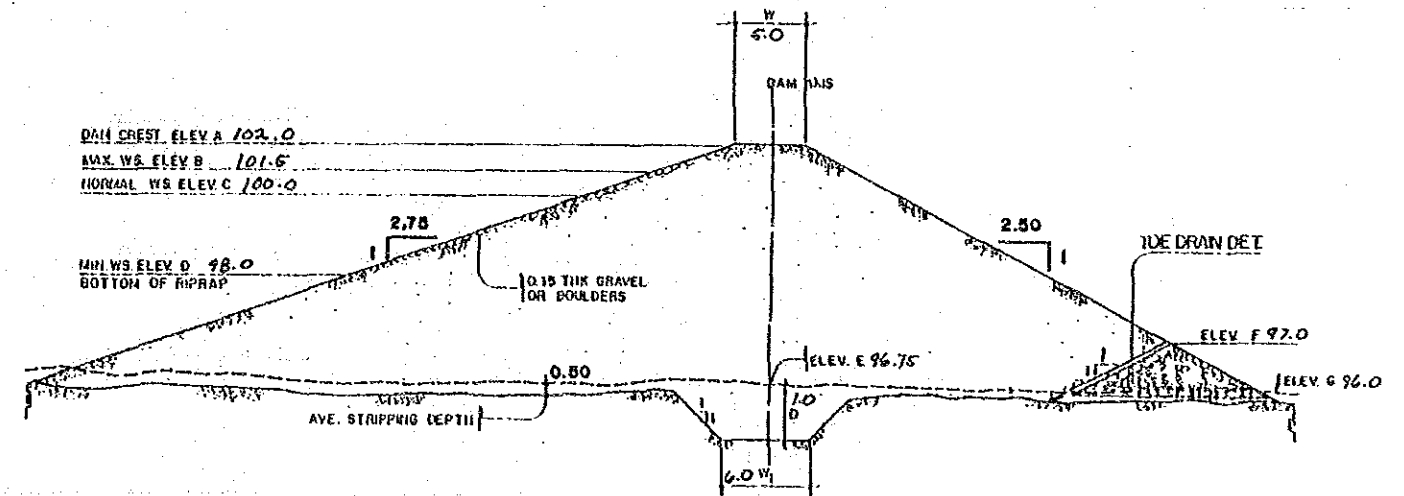
Clay with 1.5 m depth is piled up on the basalt and andesite.

SWIM PROJECT PROFILE		File No. : 190
Regist. No. : Agency No. : BSWM-109	Name : CASABAHAN SWIP	
Region : 8	Province : WESTERN SAMAR	Municipality : GANDARA
Present Status : 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	Dam Type : Dam Height : Effective Storage Capacity : Embankment Volume : Design Flood Discharge :	HOMOGENEOUS EARTHFILL 6 m 75,320 m ³ 36,600 m ³ 12 m ³ /sec.
2. Irrigation	Irrigation Area :	100 ha
3. Mini-hydropower	Installed Capacity :	0 kW
4. Watershed Man.	Watershed Protection Area :	30 ha
5. Water Supply	Design Supply Capacity :	0 m ³ /day
6. Inland Fishery	Annual Production :	10 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Centerline of the spillway shall be shifted to right side. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review :	0	EIRR : 17.9 %
2. Feasibility Study :	0	Priority Rating:
3. Detailed Design :	0	Group : B
4. Construction :		Implementation Schedule:
Dam :	4,163	Review : -
Irrigation :	2,219	F/S : Completed
Mini-Hydropower :	0	D/D : Completed
Water Supply :	0	Construction: Jul. 1996; 9 months
Watershed Protection :	729	
5. Grand Total :	7,110	

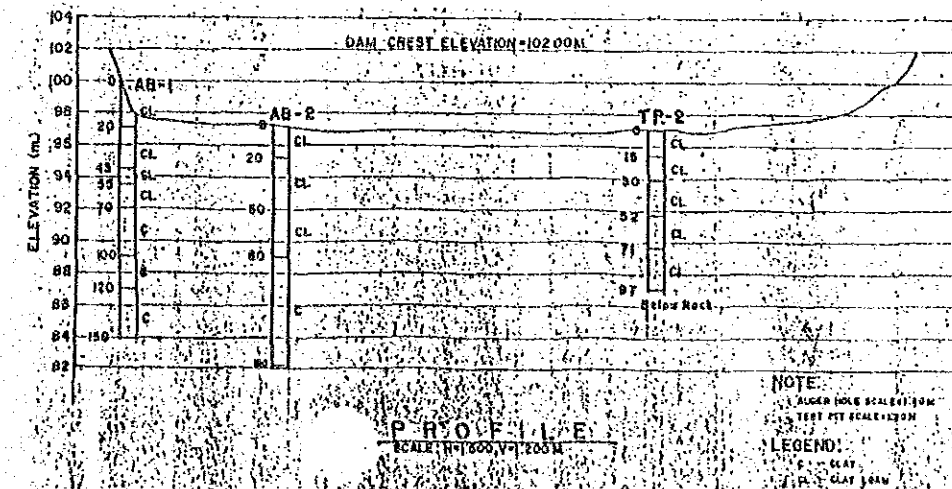
Layout:



Typical Dam Section:



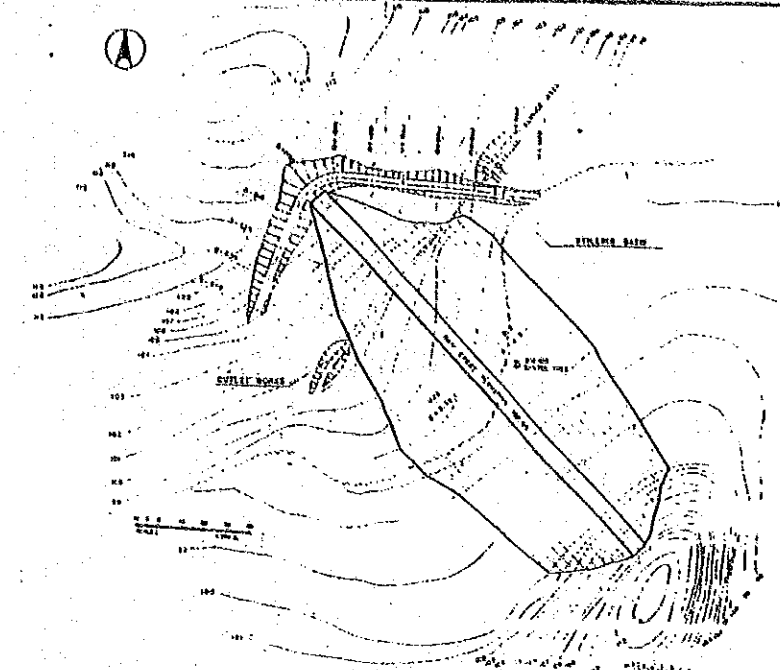
Profile of Dam Axis:



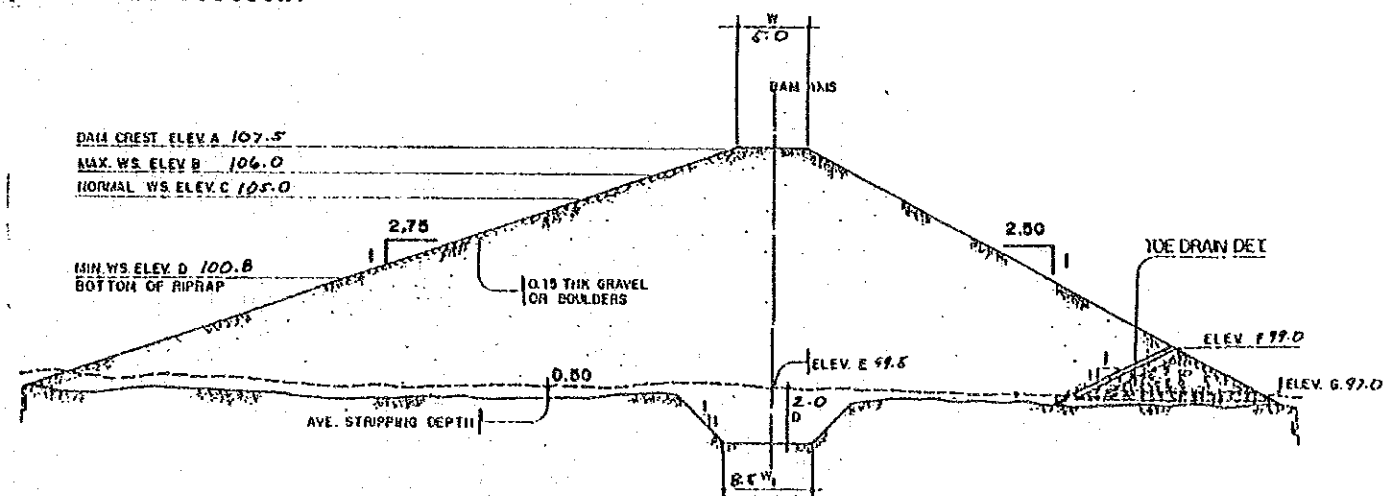
Note: Clay with more than 1.5 m depth is piled up on the shale and sand stone.

SWIM PROJECT PROFILE		File No. : 191
Regist. No. : Agency No. : BSWM-110	Name: INAMBURACAY SWIP	
Region: 8	Province: NORTHERN SAMAR	Municipality: BOBON
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 10 m
	: Effective Storage Capacity	: 114,866 m ³
	: Embankment Volume	: 31,000 m ³
	: Design Flood Discharge	: 5 m ³ /sec.
2. Irrigation	: Irrigation Area	: 50 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 18 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 6 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Centerline of the spillway shall be shifted to left side. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 0	EIRR : 15.5 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : A
4. Construction	: 0	(OECF Candidate)
Dam	: 4,340	Implementation Schedule:
Irrigation	: 1,100	Review : -
Mini-Hydropower	: 0	F/S : Completed
Water Supply	: 0	D/D : Completed
Watershed Protection	: 436	Construction: within 1st 5 years
5. Grand Total	: 5,885	

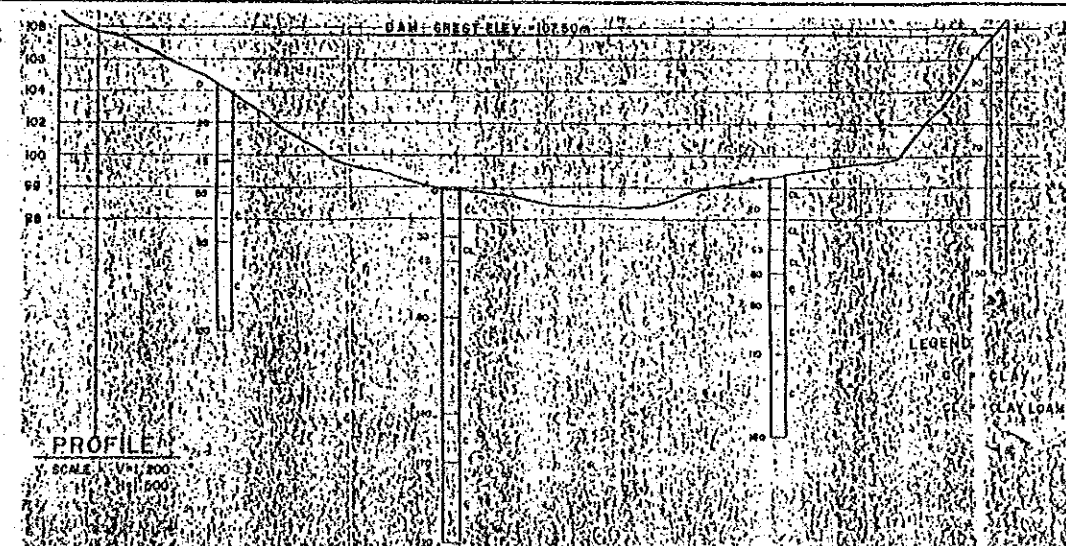
Layout:



Typical Dam Section:



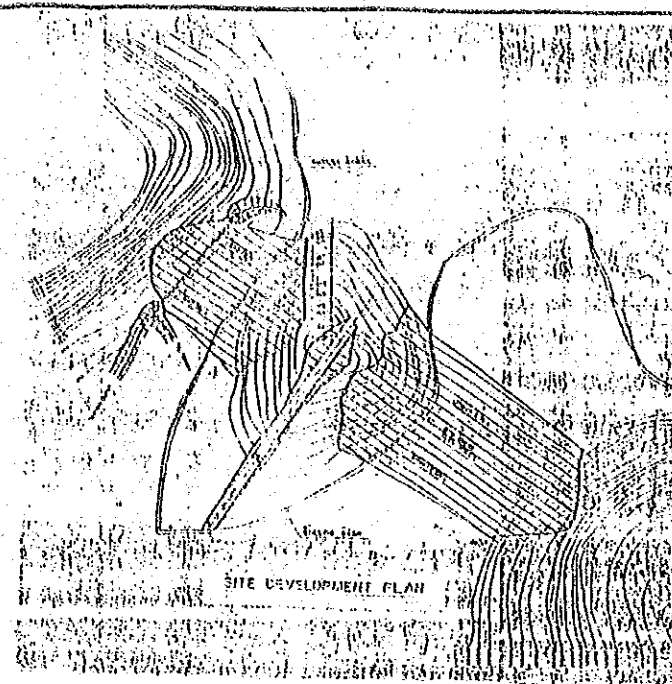
Profile of Dam Axis:



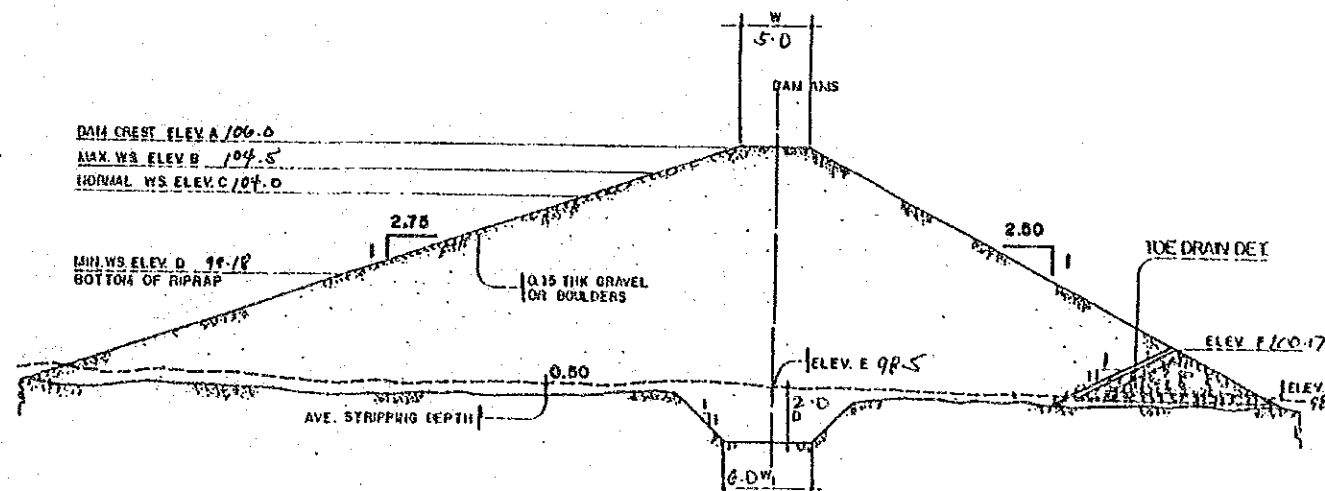
Note: Clay with more than 2.0 m depth is piled up on the shale and sand stone.

SWIM PROJECT PROFILE		File No. : 192
Regist. No. : Agency No. : BSWM-111	Name : STA. FE SWIP	
Region : 8	Province : EASTERN SAMAR	Municipality : BORONGAN
Present Status: 1. Pre-F/S() (2) F/S(1983) (3) D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	Dam Type : Dam Height : Effective Storage Capacity : Embankment Volume : Design Flood Discharge :	HOMOGENEOUS EARTHFILL 8 m 191,491 m ³ 15,323 m ³ 10 m ³ /sec.
2. Irrigation	Irrigation Area :	125 ha
3. Mini-hydropower	Installed Capacity :	0 kW
4. Watershed Man.	Watershed Protection Area :	42 ha
5. Water Supply	Design Supply Capacity :	0 m ³ /day
6. Inland Fishery	Annual Production :	5 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Freeboard is not enough. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review :	43	BIRR : 34.3 %
2. Feasibility Study :	0	Priority Rating:
3. Detailed Design :	0	Group : A
4. Construction :		(OECF Candidate)
Dam :	2,592	Implementation Schedule:
Irrigation :	2,773	Review : within 1st 5 years
Mini-Hydropower :	0	F/S : Completed
Water Supply :	0	D/D : Completed
Watershed Protection :	1,021	Construction: within 1st 5 years
5. Grand Total :	6,429	

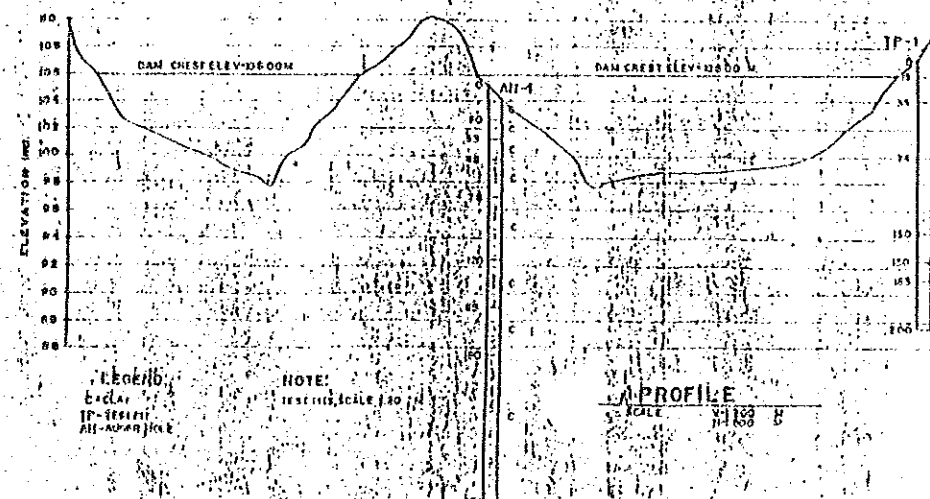
Layout:



Typical Dam Section:



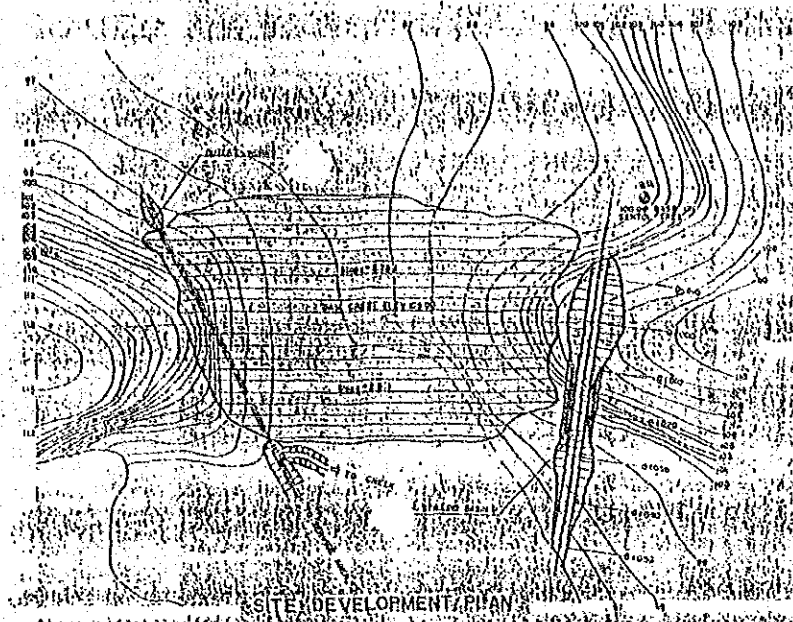
Profile of Dam Axis:



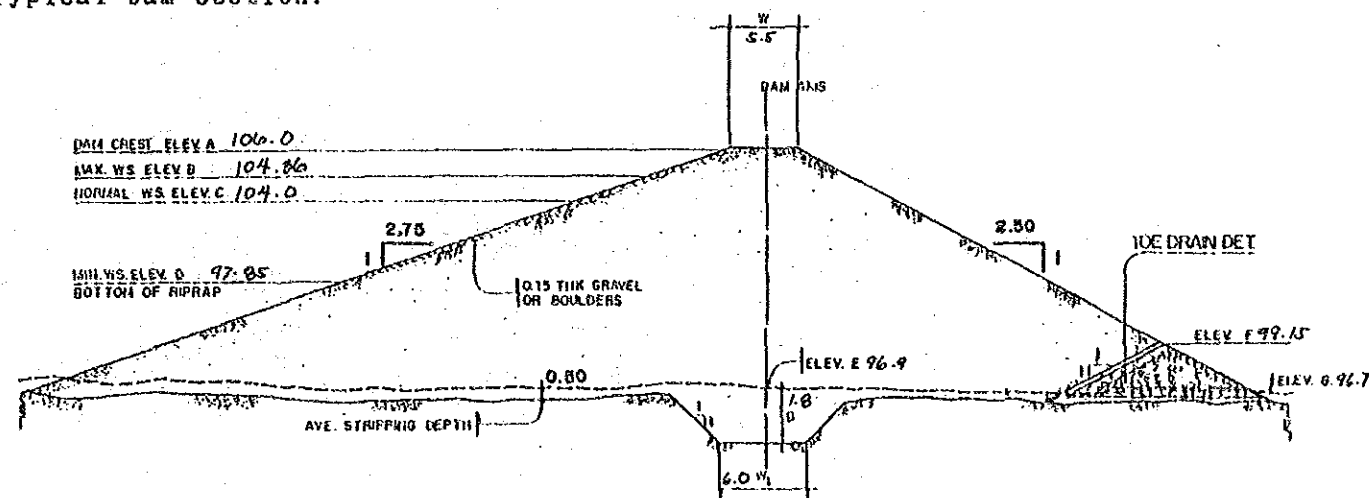
Note: Clay with more than 3.0 m depth is piled up on the sand stone and shale. Additional 0.5 m freeboard is necessary.

SWIM PROJECT PROFILE		File No. : 193
Regist. No. : Agency No. : BSWM-112	Name: CAMPIN SWIP	
Region: 8	Province: LEYTE	Municipality: MAHAPLAG
Present Status: 1. Pre-F/S() ② F/S(1983) ③ D/D(1983)		
Purpose: Major : Irrigation Incidental : IF, FC, WM		
Project Feature:		
1. Dam	: Dam Type	: HOMOGENEOUS EARTHFILL
	: Dam Height	: 10 m
	: Effective Storage Capacity	: 396,065 m ³
	: Embankment Volume	: 16,800 m ³
	: Design Flood Discharge	: 6 m ³ /sec.
2. Irrigation	: Irrigation Area	: 58 ha
3. Mini-hydropower	: Installed Capacity	: 0 kW
4. Watershed Man.	: Watershed Protection Area	: 30 ha
5. Water Supply	: Design Supply Capacity	: 0 m ³ /day
6. Inland Fishery	: Annual Production	: 14 ton/year
Technical Assessment:		
1. Survey and Investigation: Depth of test pit or auger boring is not enough. Bearing capacity and permeability are not measured. Available volume for dam embankment shall be studied before construction.		
2. Planning Environmental conservation plan is not formulated.		
3. Design Depth of core trench shall be modified during construction. Stability of upstream slope of the dam shall be checked. Weir shall be provided in the spillway.		
4. Operation and Maintenance Not studied.		
Fund Requirement: (1,000 Pesos)		Project Evaluation:
1. Review	: 0	EIRR : 23.8 %
2. Feasibility Study	: 0	Priority Rating:
3. Detailed Design	: 0	Group : A
4. Construction	: 2,821	(OECF Candidate)
Dam	: 1,287	Implementation Schedule:
Irrigation	: 0	Review : -
Mini-Hydropower	: 0	F/S : Completed
Water Supply	: 729	D/D : Completed
Watershed Protection	: 4,837	Construction: within 1st 5 years
5. Grand Total	: 4,837	

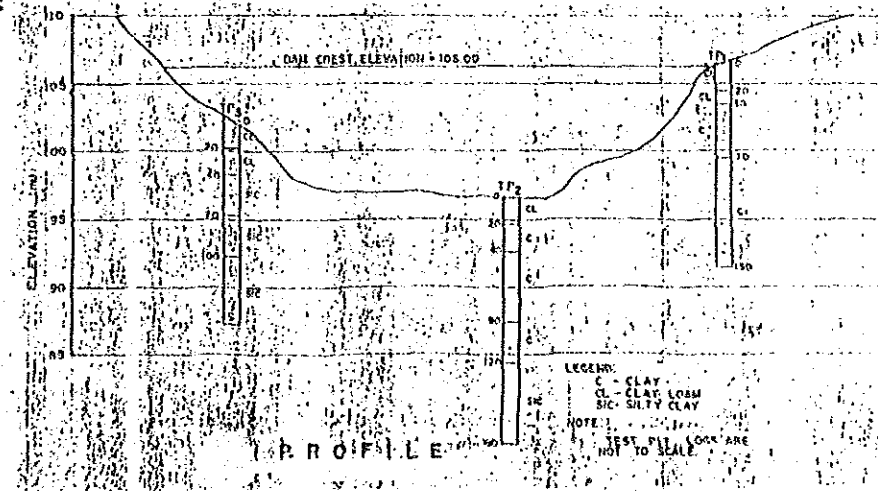
Layout:



Typical Dam Section:



Profile of Dam Axis:



Note: Clay with more than 2.0 m depth is piled up on the shale.