

11007
ORGANISATION POUR LA MISE EN VALEUR DU FLEUVE SENEGAL OMVS

DIRECTION DE L'INFRASTRUCTURE REGIONALE DIR

CELLULE DES EAUX SOUTERRAINES

PROJET OMVS/USAID 625-0958

00266
Dbb

REPERTOIRE HYDROGEOLOGIQUE

DOCUMENT ANNEXE

CARTE TOPOGRAPHIQUE 1 : 50 000

07 DAGANA 1D

- * COUPES GEOLOGIQUES ET TECHNIQUES
- * COURBES GRANULOMETRIQUES
- * REPRESENTATIONS GRAPHIQUES DES ANALYSES D'EAU

PROJET OMVS/USAID
625-0958

11007

ORGANISATION POUR LA MISE EN VALEUR DU FLEUVE SENEGAL OMVS
DIRECTION DES INFRASTRUCTURES REGIONALES DIR
CELLULE EAUX SOUTERRAINES
PROJET OMVS/USAID 625-0958

REPERTOIRE HYDROGEOLOGIQUE

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REPERTOIRE HYDROGEOLOGIQUE

CARTE TOPOGRAPHIQUE 1:50,000

07 DAGANA 1D

ANNEXE # 1

POUR CHACUN DES PIEZOMETRES

- * Coupes géologiques et techniques
- * Coupes géologiques avec les commentaires
- * Description stratigraphiques
- * Guide lexicologique

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625-0958

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50 tagged files using 36992 bytes

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B) OBSERVATIONS SUR LA COLONNE "COMMENTAIRES GEOLOGIQUES"

L'utilisation du progiciel GROUNDWATER impose certaines contraintes de saisie liées à l'impression des différents rapports:

- * la coupe géologique
- * le tableau de synthèse.

L'espace alloué à l'impression des commentaires dans le tableau de synthèse est limité à 22 caractères. Toutefois, cette limite (22 caractères) peut être débordée lors du tracé de la coupe géologique.

Par conséquent, dans la pratique afin d'assurer la lisibilité des tableaux de synthèse et des coupes géologiques, le principe de codification suivant a été adopté:

XXXXXXXXXXXXXXXXXXXX

XXXX 22 caractères XXXX style libre

SEQ 1: limitée à 4 caractères.

SEQ 2: limitée à 6 caractères.

SEQ 3: limitée à 10 caractères.

DEFINITION DES SEQUENCES + CODES UTILISES

SEQ 1: Formation géologique. Les codes géologiques utilisés sont ceux de la banque GES (voir ci-après).

SEQ 2: Couleur. La définition des couleurs utilisera les deux premières lettres de la couleur concernée.
EX.: un échantillon brun sera codifié: BR;
un échantillon brun gris sera codifié: BR/GR;.

SEQ 3: Analyse granulométrique. Cette séquence indique la présence d'une analyse granulométrique associée à l'échantillon décrit. L'abréviation utilisée est:
AN. GRANU.

N.B.: Au-delà de la SEQ 3, les commentaires sont en style libre. Ceux-ci apparaîtront seulement à l'impression de la coupe géologique détaillée.

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GUIDE LEXICOLOGIQUE

Toutes les représentations graphiques et le tableau caractérisant un piézomètre # ... , regroupés à l'annexe # 1, sont issus du logiciel GROUNDWATER/LITHOCON. D'origine anglophone, il peut être utile de préciser les traductions ci-après. La traduction n'est pas rigoureuse et tient compte de la spécificité des travaux réalisés par le projet.

LITHOLOGY	= DESCRIPTION LITHOSTRATIGRAPHIQUE
WELL CONSTRUCTION DETAILS	= COUPE TECHNIQUE DU PIEZOMETRE
WELL CAP	= COUVERCLE DE PROTECTION
CASING	= TUBE D'ACIER PEINT EN ROUGE
LINER	= TUBE PVC PLEIN
DRILLED HOLE	= TROU DE FORAGE
WELL SCREEN	= CREPINE EN PVC
PLUG	= BOUCHON DE FERMETURE A LA BASE DU PIEZOMETRE
GRAVEL PACK	= GRAVIER FILTRE
STATIC WATER LEVEL	= NIVEAU STATIQUE MESURE PAR RAPPORT AU SOL
SCALE	= ECHELLE
PROJECT	= PROJET
FILE	= FICHIER, CORRESPOND AU # DU PROJET
LOCATION	= LOCALISATION, CORRESPOND AU NOM DE LA CARTE 1/50.000
WELL NO	= NO DU PIEZOMETRE
DRILLER	= FOREUR, CORRESPONDANT AU NOM DE L'ENTREPRISE RESPONSABLE DES TRAVAUX DE FORAGE
ELEVATION (m)	= ELEVATION EXPRIMEE EN METRES PAR RAPPORT AU ZERO IGN
DATE DRILLED	= DATE D'EXECUTION DU FORAGE
TYPE OF RIG	= TECHNIQUE DE FORAGE
DEPTH	= PROFONDEUR
THICKNESS (m)	= EPAISSEUR EXPRIMEE EN METRES

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GROUNDWATER/CODIFICATION DES DESCRIPTIONS STRATIGRAPHIQUES

CODES	DESCRIPTIONS LITHOLOGIQUES	
	ABREGEES ³	COMPLETES
		
F1	ARG./PLAST.	argile plastique
F2	ARG./SABLE	argile avec sable
F3	SILT	silt
F4	SA. FIN	sable fin
F5	SA. MOY.	sable moyen
F6	SA. GROS.	sable grossier
F7	GRAV. FIN	gravier fin
F8	GRAV. MOY.	gravier moyen
F9	GRAV. GROS.	gravier grossier
F10	SA. DUNAIRE	sable dunaire
SHIFT F1	SA. GRAVIL.	sable avec gravillons
SHIFT F2	GRES/SABLE	grès et/ou sable
SHIFT F3	GRES/SA/CAL	grès et/ou sable avec calcaire
SHIFT F4	CALCAIRE	calcaire
SHIFT F5	GRES FER.	grès ferrugineux
SHIFT F6	SA COQUIL.	sable coquillier
SHIFT F7	MARNE	marne
SHIFT F8	SOL ORGAN.	sol organique
SHIFT F9	LATERITE	latérite
SHIFT F10	SCHISTE	schiste

³ La description abrégée est limitée à un maximum de 11 caractères pour des contraintes de représentations graphiques.

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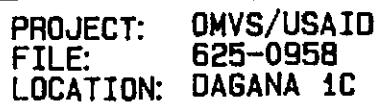
GROUNDWATER/CODIFICATION GEOLOGIQUE*

CODES	DESCRIPTIONS GEOLOGIQUES
CO	Primaire/ Cambrien ordovicien/ série de MBOUT/BAKEL.
CT	Tertiaire/ Continental terminal.
EC	Tertiaire/ Eocène à faciès continental.
EM	Tertiaire/ Eocène à faciès marin indifférencié.
EMI	Tertiaire/ Eocène inférieur à faciès marin.
EMM	Tertiaire/ Eocène moyen à faciès marin.
EMP	Tertiaire/ Eocène à faciès marin/ Paléocène.
IN	Quaternaire/ Inchirien indifférencié.
M	Secondaire/ Maestrichtien.
NK	Quaternaire/ Nouakchottien.
OG	Quaternaire/ Ogolien indifférencié.
QAM	Quaternaire moyen et ancien.
QT	Quaternaire indifférencié.

* La codification géologique utilisée est rigoureusement celle utilisée par la banque **GES**.

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AUD03



LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE AUD03

WELL LITHOLOGY

PROJECT: OMVS/USAID
LOCATION: DAGANA 1D
WELL NO.: AUD03
DRILLER: SASIF

FILE NO.: 625-0958
ELEVATION (M): 2.2
DATE DRILLED: 1955
TYPE OF RIG: BATTAGE

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	2.50	2.20	-0.30	2.50	ARG./PLAST., ACT; JA; FL
2.50	2.60	-0.30	-0.40	0.10	SA. FIN, ACT; GR; VASEUX
2.60	10.50	-0.40	-8.30	7.90	SA. FIN, PNK/MK; JA; LEG
10.50	14.00	-8.30	-11.80	3.50	SA. FIN, PNK/MK; JA.
14.00	15.15	-11.80	-12.95	1.15	SA. FIN, IN; BR/JA; ARG
15.15	27.20	-12.95	-25.00	12.05	ARG./PLAST., IN; NO; VAS
27.20	29.00	-25.00	-26.80	1.80	SA. FIN, IN; JA/VE; GROS
29.00	30.00	-26.80	-27.80	1.00	GRAV. FIN, IN; AVEC QUAR
30.00	30.45	-27.80	-28.25	0.45	SA. FIN, EMP; JA; +DEBRI
30.45	35.00	-28.25	-32.80	4.55	CALCAIRE, EMP; BLANCHATR
35.00	36.80	-32.80	-34.60	1.80	ARG./PLAST., EMP; JA; MA

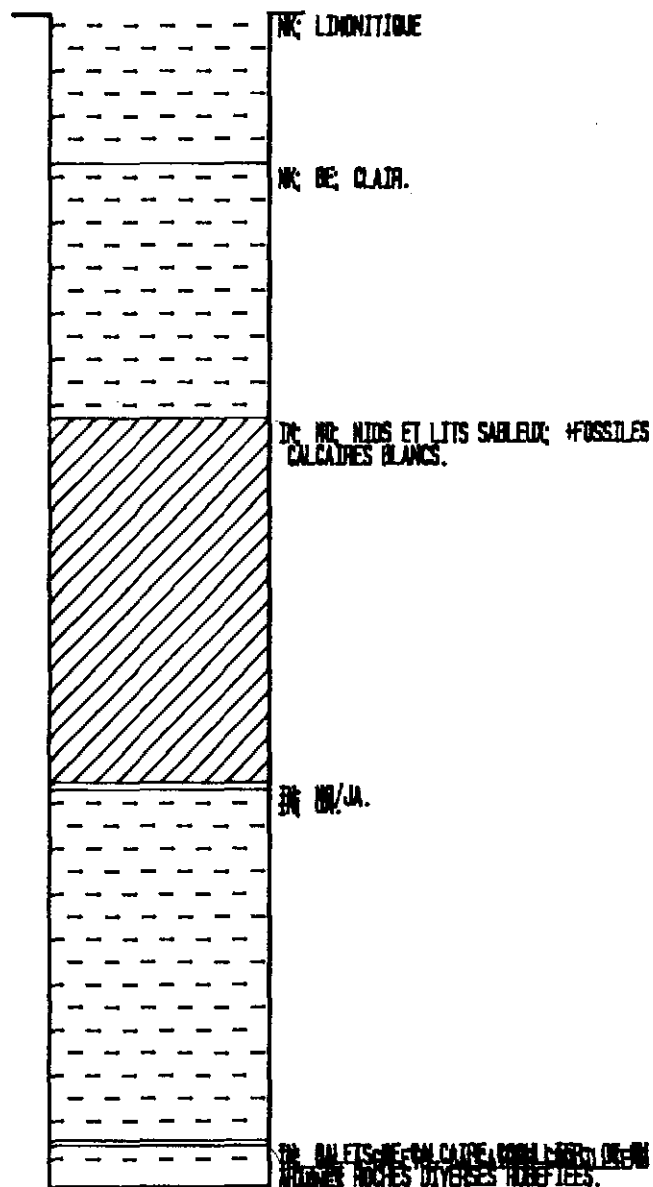
USAID/DAKAR/SENEGAL

LEGEND

	ARG./PLAST.	0
	ARG./SABLE	2
	SILT	4
	SA. FIN	6
	SA. MOY.	8
	SA. GROS.	10
	GRAV. FIN	12
	GRAV. MOY.	14
	GRAV. GROS.	16
	SA. DUNAIRE	18
	SA. GRAVIL.	20
	GRES/SABLE	22
	GRES/SA/CALC	24
	CALCAIRE	26
	GRES FER.	28
	SA. COQUIL.	30
	MARNE	32
	SOL ORGAN.	34
	LATERITE	
	SCHISTE	

SCALE IN M

AUD04



PROJECT: OMVS/USAID
 FILE: 625-0958
 LOCATION: DAGANA 1D

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE AUD04

WELL LITHOLOGY

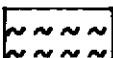
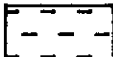
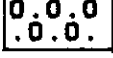
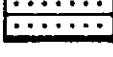
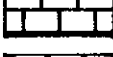
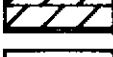
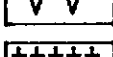
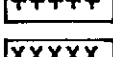
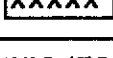
PROJECT: OMVS/USAID
LOCATION: DAGANA 1D
WELL NO.: AUD04
DRILLER: SASIF

FILE NO.: 625-0958
ELEVATION (M): 2.3
DATE DRILLED: 1955
TYPE OF RIG: BATTAGE

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	4.00	2.30	-1.70	4.00	SA. FIN, NK; LIMONITIQUE
4.00	10.70	-1.70	-8.40	6.70	SA. FIN, NK; BE; CLAIR.
10.70	20.30	-8.40	-18.00	9.60	ARG./PLAST., IN; NO; MID.
20.30	20.50	-18.00	-18.20	0.20	SA. FIN, IN; NO/JA.
20.50	29.75	-18.20	-27.45	9.25	SA. FIN, IN; JA.
29.75	29.90	-27.45	-27.60	0.15	CALCAIRE, IN; GALETS DE
29.90	31.00	-27.60	-28.70	1.10	SA. FIN, IN; JA; A GALET

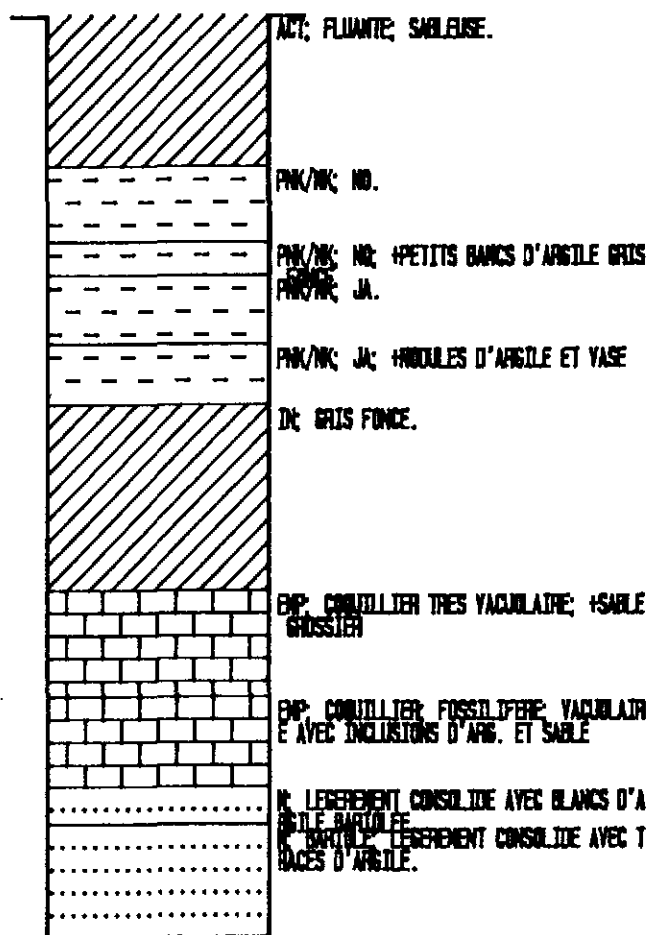
USAID/DAKAR/SENEGAL

LEGEND

	ARG./PLAST.	0
	ARG./SABLE	3
	SILT	6
	SA. FIN	9
	SA. MOY.	12
	SA. GROS.	15
	GRAV. FIN	18
	GRAV. MOY.	21
	GRAV. GROS.	24
	SA. DUNAIRE	27
	SA. GRAVIL.	30
	GRES/SABLE	33
	GRES/SA/CALC	36
	CALCAIRE	39
	GRES FER.	42
	SA. COQUIL.	45
	MARNE	48
	SOL ORGAN.	51
	LATERITE	
	SCHISTE	

SCALE IN M

AUD05



PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 1D

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE AUD05

WELL LITHOLOGY

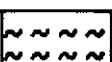
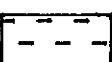
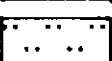
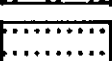
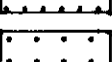
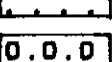
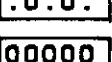
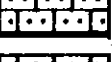
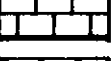
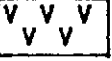
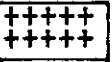
PROJECT: OMVS/USAID
LOCATION: DAGANA 1D
WELL NO.: AUD05
DRILLER: SASIF

FILE NO.: 625-0958
ELEVATION (): -4
DATE DRILLED: 1957
TYPE OF RIG: BATTAGE

DEPTH ()		ELEVATION ()		THICKNESS ()	LITHOLOGY
FROM	TO	FROM	TO		
0.00	6.00	-4.00	-10.00	6.00	ARG./PLAST., ACT; FLUANT
6.00	9.00	-10.00	-13.00	3.00	SA. FIN, PNK/NK; NO.
9.00	10.30	-13.00	-14.30	1.30	SA. FIN, PNK/NK; NO; +PE
10.30	13.00	-14.30	-17.00	2.70	SA. FIN, PNK/NK; JA.
13.00	15.40	-17.00	-19.40	2.40	SA. FIN, PNK/NK; JA; +NO
15.40	22.75	-19.40	-26.75	7.35	ARG./PLAST., IN; GRIS FO
22.75	26.95	-26.75	-30.95	4.20	CALCAIRE, EMP; COQUILLIE
26.95	30.50	-30.95	-34.50	3.55	CALCAIRE, EMP; COQUILLIE
30.50	32.00	-34.50	-36.00	1.50	SA. GROS., M; LEGEREMENT
32.00	36.50	-36.00	-40.50	4.50	SA. GROS., M; BARIOLE; L

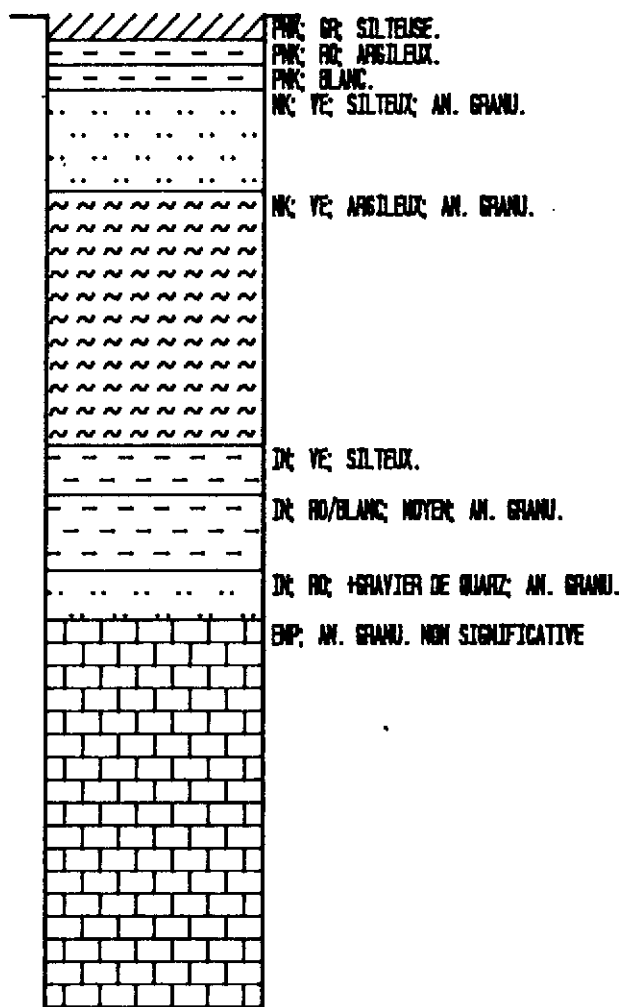
USAID/DAKAR/SENEGAL

LEGEND

	ARG./PLAST.	0
	ARG./SABLE	3
	SILT	6
	SA. FIN	9
	SA. MOY.	12
	SA. GROS.	15
	GRAV. FIN	18
	GRAV. MOY.	21
	GRAV. GROS.	24
	SA. DUNAIRE	27
	SA. GRAVIL.	30
	GRES/SABLE	33
	GRES/SA/CALC	36
	CALCAIRE	39
	GRES FER.	42
	SA. COQUIL.	45
	MARNE	48
	SOL ORGAN.	51
	LATERITE	
	SCHISTE	

SCALE IN M

AUD6



PROJECT: OMVS/USAID
 FILE: 625-0958
 LOCATION: DAGANA 10

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE AUD6

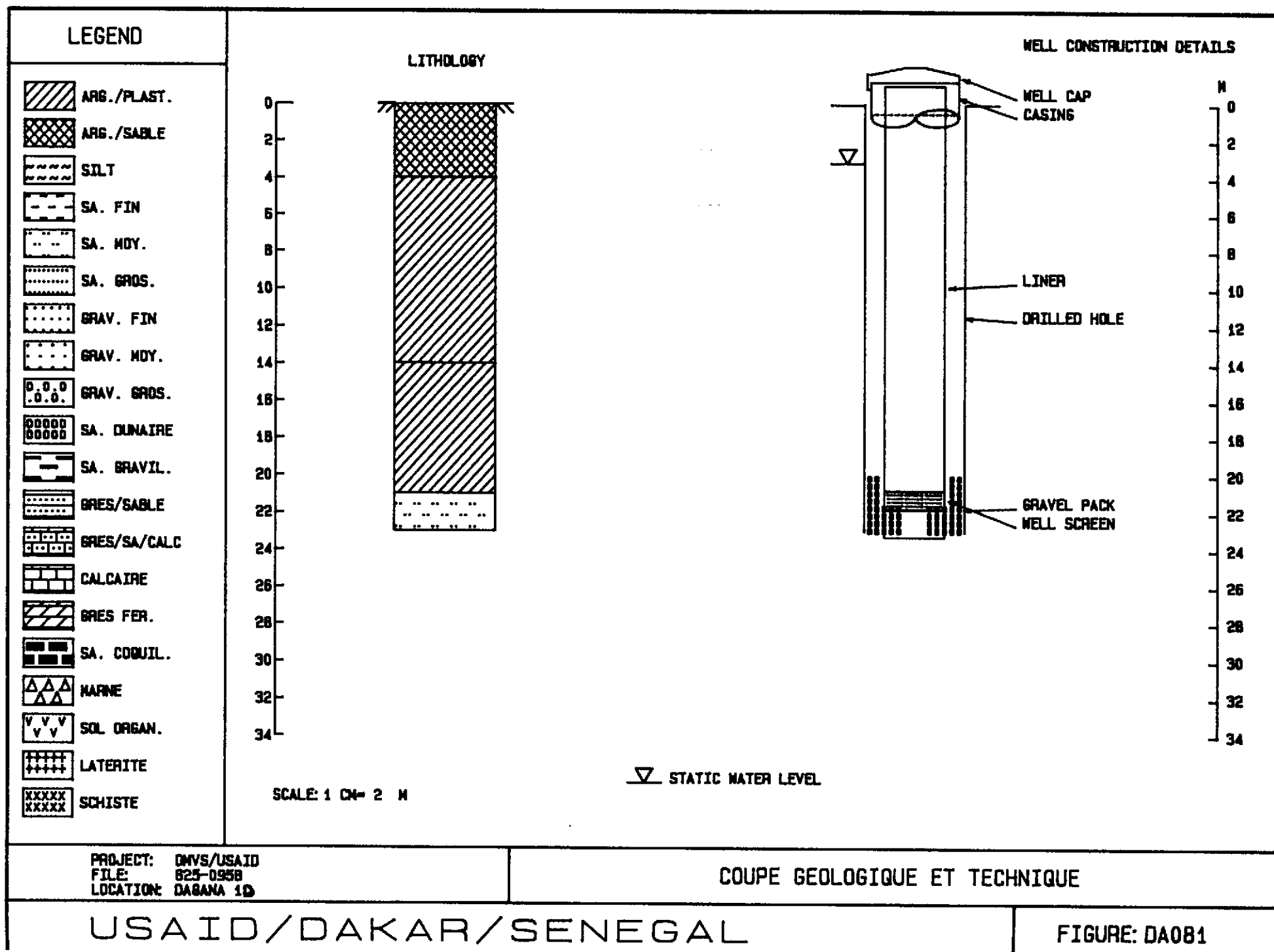
WELL LITHOLOGY

PROJECT: OMVS/USAID
LOCATION: DAGANA 1D
WELL NO.: AUD6
DRILLER: BATTAGE

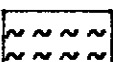
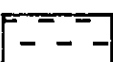
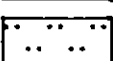
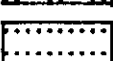
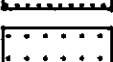
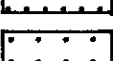
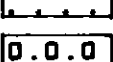
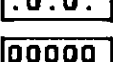
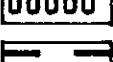
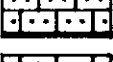
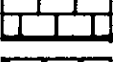
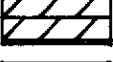
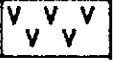
FILE NO.: 625-0958
ELEVATION (M): 1.43
DATE DRILLED: SASIF
TYPE OF RIG: BATTAGE

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	1.00	1.43	0.43	1.00	ARG./PLAST., PNK; GR; SI
1.00	2.00	0.43	-0.57	1.00	SA. FIN, PNK; RO; ARGILE
2.00	3.00	-0.57	-1.57	1.00	SA. FIN, PNK; BLANC.
3.00	7.00	-1.57	-5.57	4.00	SA. MOY., NK; VE; SILTEU
7.00	17.00	-5.57	-15.57	10.00	SILT, NK; VE; ARGILEUX;
17.00	19.00	-15.57	-17.57	2.00	SA. FIN, IN; VE; SILTEUX
19.00	22.00	-17.57	-20.57	3.00	SA. FIN, IN; RO/BLANC; M
22.00	24.00	-20.57	-22.57	2.00	SA. MOY., IN; RO; +GRAVI
24.00	39.50	-22.57	-38.07	15.50	CALCAIRE, EMP; AN. GRANU

USAID/DAKAR/SENEGAL

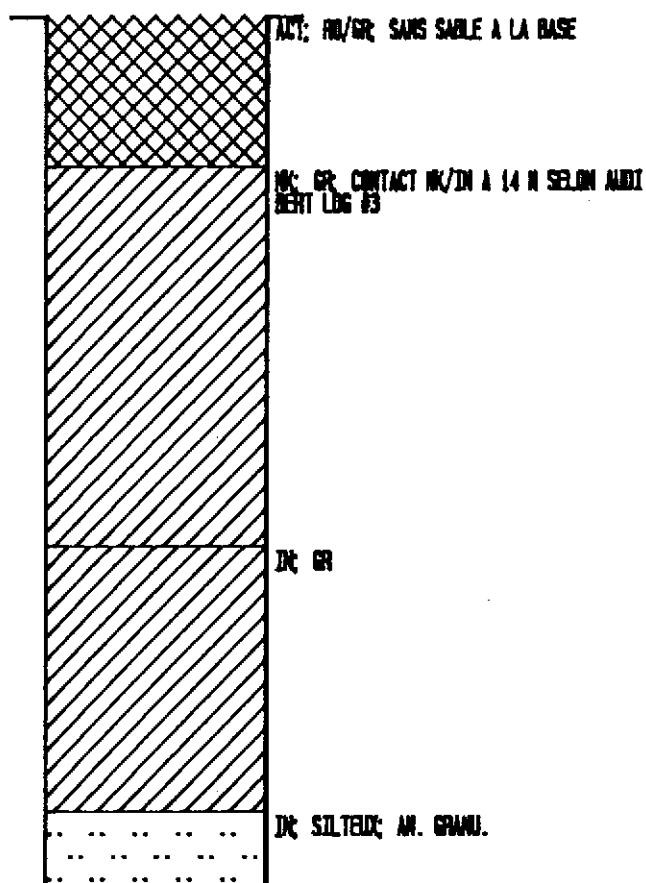


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	2
	SILT	4
	SA. FIN	6
	SA. MOY.	8
	SA. GROS.	10
	GRAV. FIN	12
	GRAV. MOY.	14
	GRAV. GROS.	16
	SA. DUNAIRE	18
	SA. GRAVIL.	20
	GRES/SABLE	22
	GRES/SA/CALC	24
	CALCAIRE	26
	GRES FER.	28
	SA. COQUIL.	30
	MARNE	32
	SOL ORGAN.	34
	LATERITE	
	SCHISTE	

SCALE IN M

DA081



PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 10

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE DA081

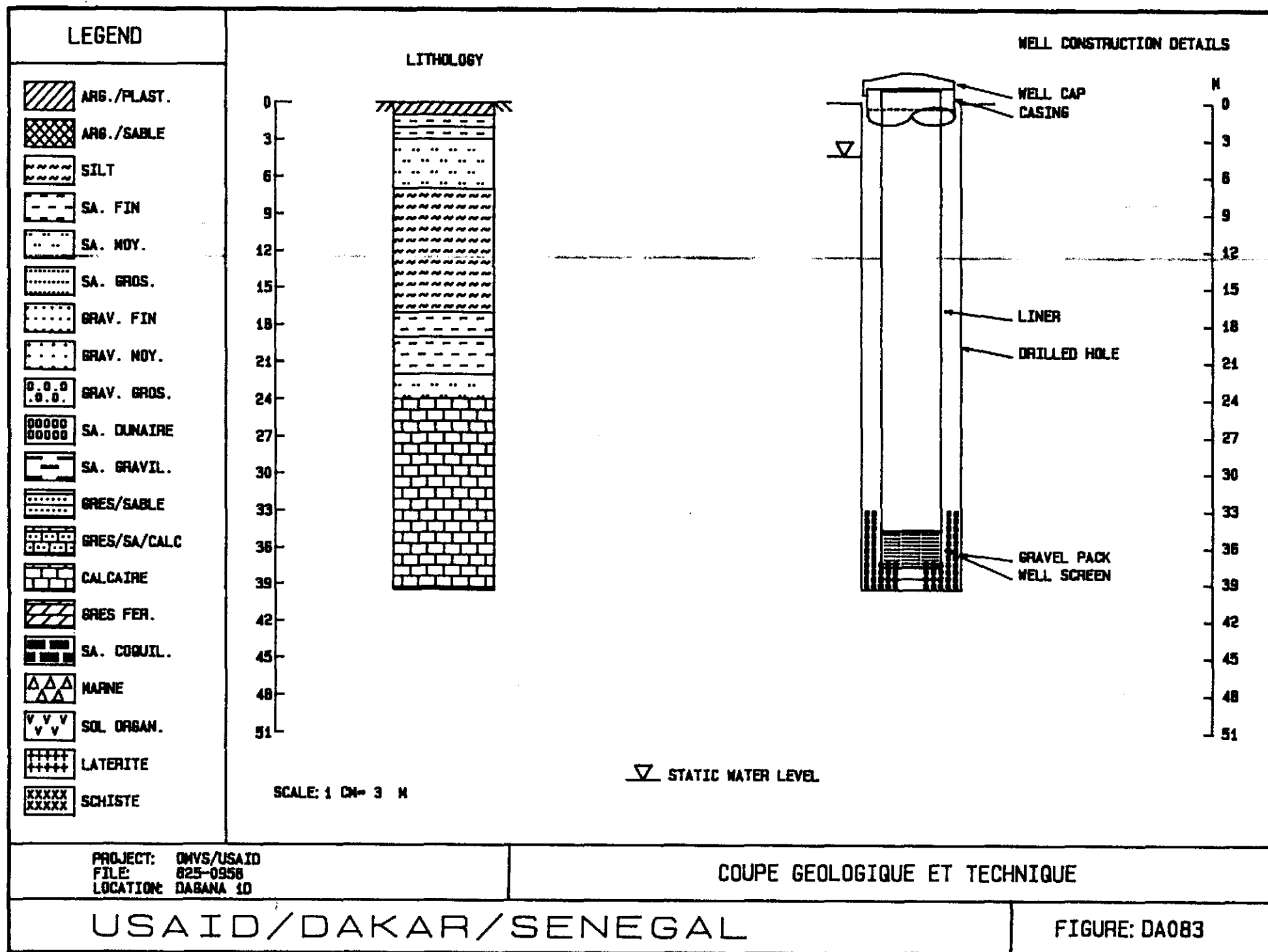
WELL LITHOLOGY

PROJECT: OMVS/USAID
 LOCATION: DAGANA 1D
 WELL NO.: DA081
 DRILLER: SAFOR

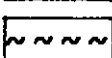
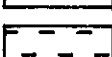
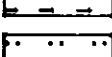
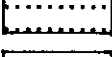
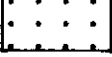
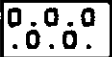
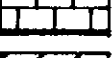
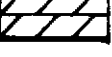
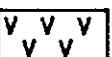
FILE NO.: 625-0958
 ELEVATION (M): 2.971
 DATE DRILLED: 01/03/87
 TYPE OF RIG: ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	4.00	2.97	-1.03	4.00	ARG./SABLE, ACT; RO/GR;
4.00	14.00	-1.03	-11.03	10.00	ARG./PLAST., NK; GR; CON
14.00	21.00	-11.03	-18.03	7.00	ARG./PLAST., IN; GR
21.00	23.00	-18.03	-20.03	2.00	SA. MOY., IN; SILTEUX; A

USAID/DAKAR/SENEGAL

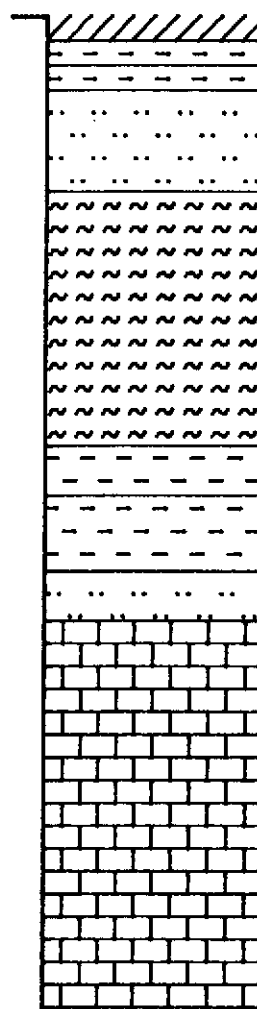


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	3
	SILT	6
	SA. FIN	9
	SA. MOY.	12
	SA. GROS.	15
	GRAV. FIN	18
	GRAV. MOY.	21
	GRAV. GROS.	24
	SA. DUNAIRE	27
	SA. GRAVIL.	30
	GRES/SABLE	33
	GRES/SA/CALC	36
	CALCAIRE	39
	GRES FER.	42
	SA. COQUIL.	45
	MARNE	48
	SOL ORGAN.	51
	LATERITE	
	SCHISTE	

SCALE IN M

DA083



PNC: GR. SILTEUSE.
 PNC: RD. ARGILEUX.
 PNC: BLANC.
 NK: VE: SILTEUX; AN. GRANU.
 NK: VE: ARGILEUX; AN. GRANU.
 DK: VE: SILTEUX.
 DK: RD/BLANC; MOYEN; AN. GRANU.
 DK: RD; +GRAVIER DE QUARTZ; AN. GRANU.
 EMP: AN. GRANU. NON SIGNIFICATIVE

PROJECT: OMVS/USAID
 FILE: 625-0958
 LOCATION: DAGANA 1D

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE DA083

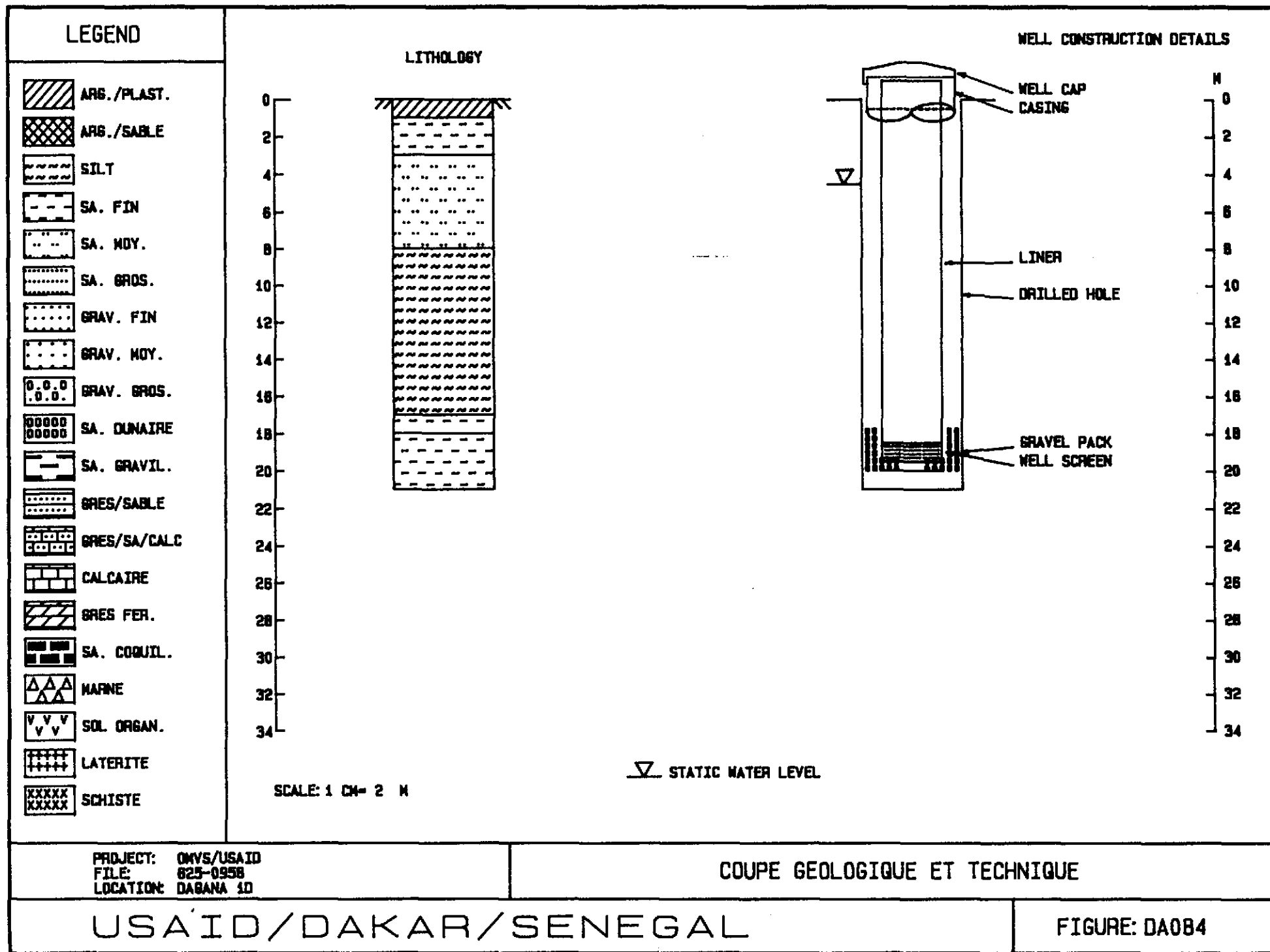
WELL LITHOLOGY

PROJECT: OMVS/USAID
LOCATION: DAGANA 1D
WELL NO.: DA083
DRILLER: SAFOR

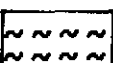
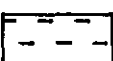
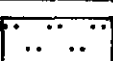
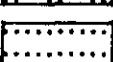
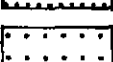
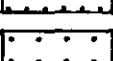
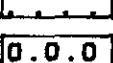
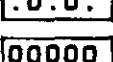
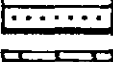
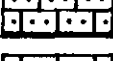
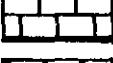
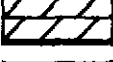
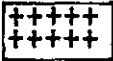
FILE NO.: 625-0958
ELEVATION (M): 3.067
DATE DRILLED: 27/02/87
TYPE OF RIG: ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	1.00	3.07	2.07	1.00	ARG./PLAST., PNK; GR; SI
1.00	2.00	2.07	1.07	1.00	SA. FIN, PNK; RO; ARGILE
2.00	3.00	1.07	0.07	1.00	SA. FIN, PNK; BLANC.
3.00	7.00	0.07	-3.93	4.00	SA. MOY., NK; VE; SILTEU
7.00	17.00	-3.93	-13.93	10.00	SILT, NK; VE; ARGILEUX;
17.00	19.00	-13.93	-15.93	2.00	SA. FIN, IN; VE; SILTEUX
19.00	22.00	-15.93	-18.93	3.00	SA. FIN, IN; RO/BLANC; M
22.00	24.00	-18.93	-20.93	2.00	SA. MOY., IN; RO; +GRAVI
24.00	39.50	-20.93	-36.43	15.50	CALCAIRE, EMP; AN. GRANU

USAID/DAKAR/SENEGAL

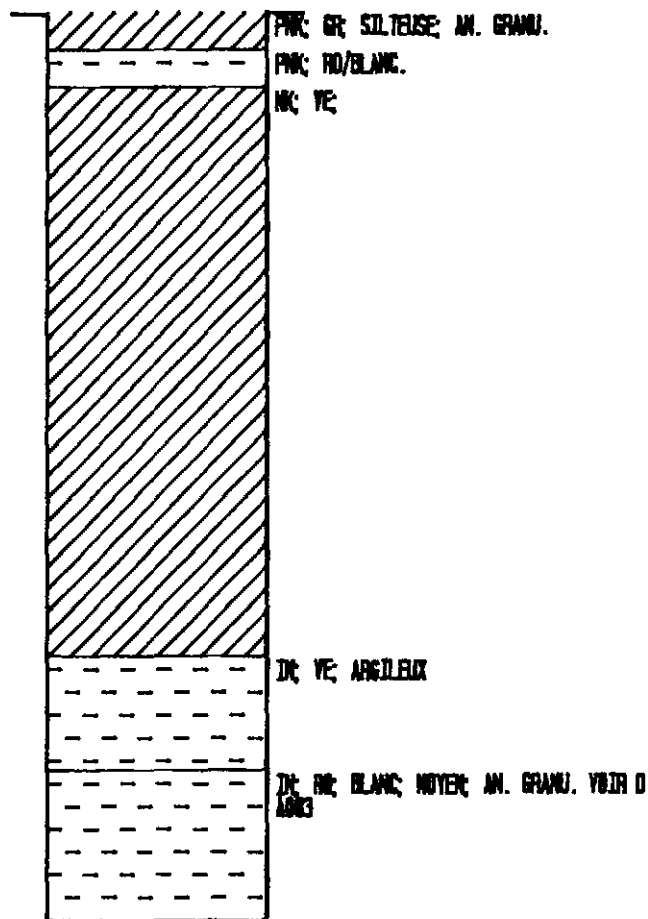


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	2
	SILT	4
	SA. FIN	6
	SA. MOY.	8
	SA. GROS.	10
	GRAV. FIN	12
	GRAV. MOY.	14
	GRAV. GROS.	16
	SA. DUNAIRE	18
	SA. GRAVIL.	20
	GRES/SABLE	22
	GRES/SA/CALC	24
	CALCAIRE	26
	GRES FER.	28
	SA. COQUIL.	30
	MARNE	32
	SOL ORGAN.	34
	LATERITE	
	SCHISTE	

SCALE IN M

DA084



PROJECT: OMVS/USAID
 FILE: 625-0958
 LOCATION: DAGANA 1D

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE DA084

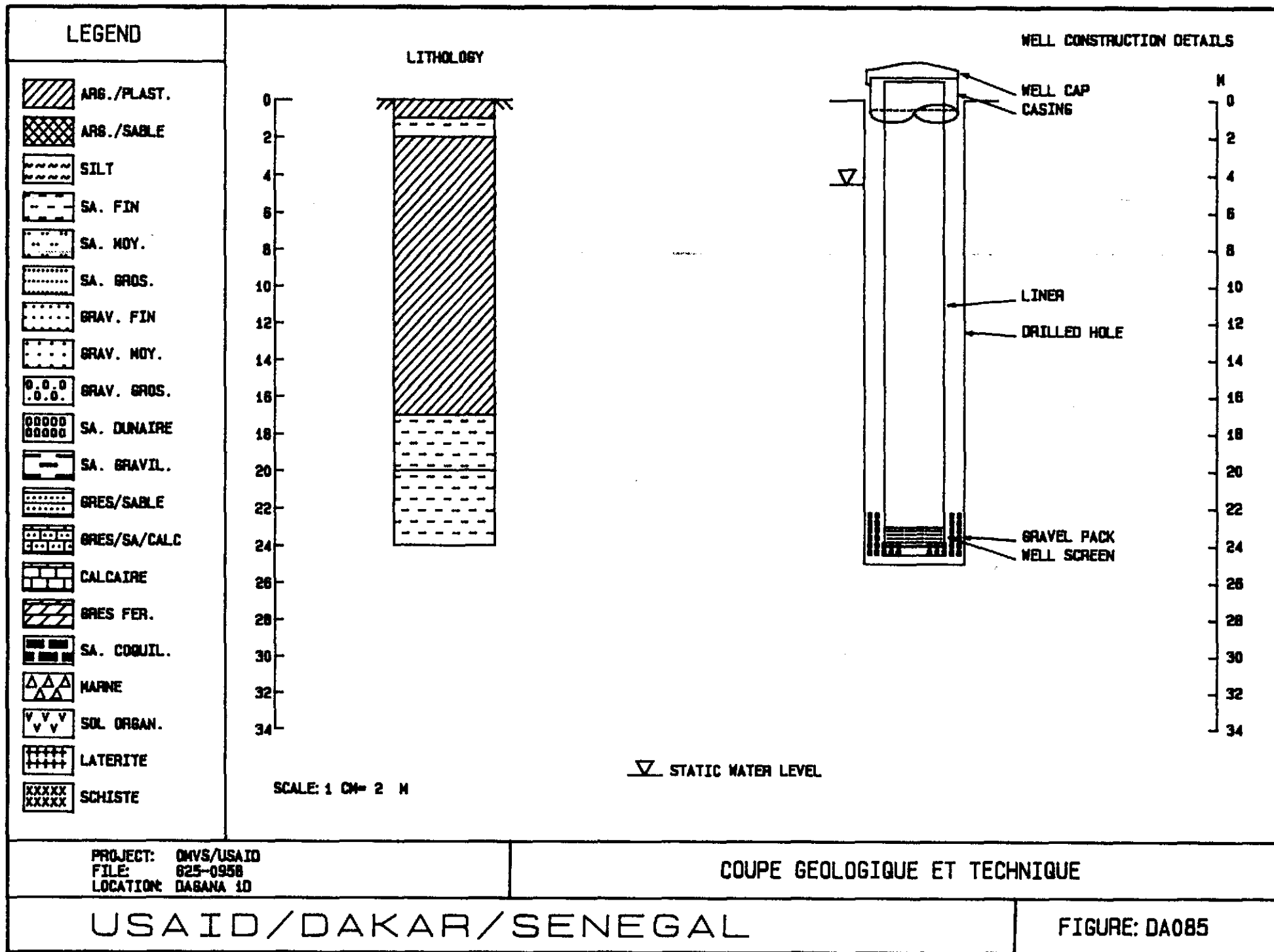
WELL LITHOLOGY

PROJECT: OMVS/USAID
LOCATION: DAGANA 1D
WELL NO.: DA084
DRILLER: SAFOR

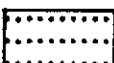
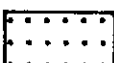
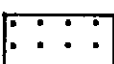
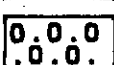
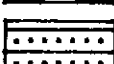
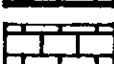
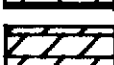
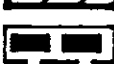
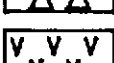
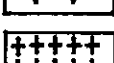
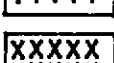
FILE NO.: 625-0958
ELEVATION (M): 3.531
DATE DRILLED: 01/03/87
TYPE OF RIG: ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	1.00	3.53	2.53	1.00	ARG./PLAST., PNK; RO; SILT
1.00	3.00	2.53	0.53	2.00	SA. FIN, PNK; JA/BLANC
3.00	8.00	0.53	-4.47	5.00	SA. MOY., NK; VE; SILTEUX;
8.00	17.00	-4.47	-13.47	9.00	SILT, NK; NO/VE; ARGILEU
17.00	18.00	-13.47	-14.47	1.00	SA. FIN, IN; VE; GONFLANT
18.00	21.00	-14.47	-17.47	3.00	SA. FIN, IN; NO; ARGILEU

USAID/DAKAR/SENEGAL

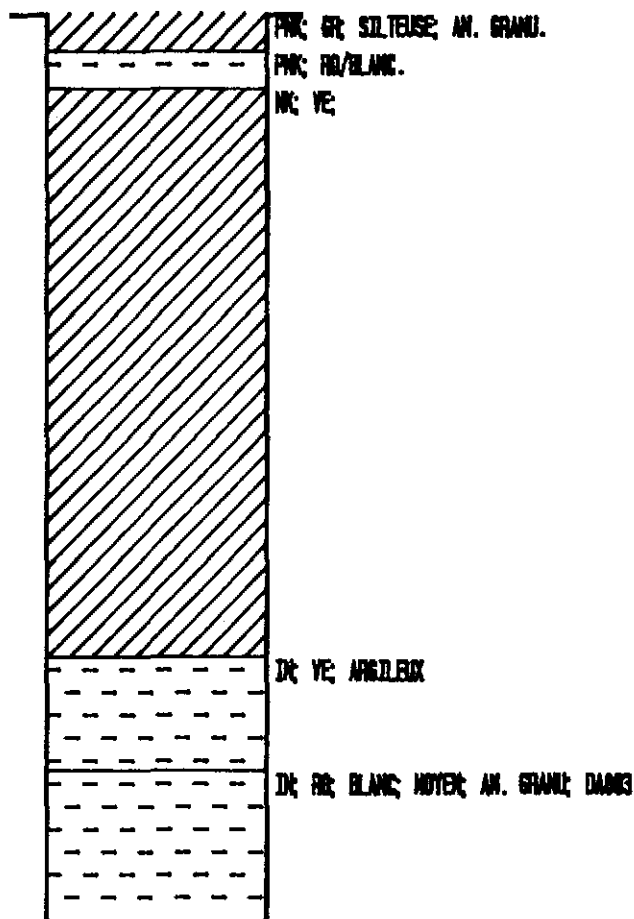


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	2
	SILT	4
	SA. FIN	6
	SA. MOY.	8
	SA. GROS.	10
	GRAV. FIN	12
	GRAV. MOY.	14
	GRAV. GROS.	16
	SA. DUNAIRE	18
	SA. GRAVIL.	20
	GRES/SABLE	22
	GRES/SA/CALC	24
	CALCAIRE	26
	GRES FER.	28
	SA. COQUIL.	30
	MARNE	32
	SOL ORGAN.	34
	LATERITE	
	SCHISTE	

SCALE IN M

DA085



PROJECT: OMVS/USAID
 FILE: 625-0958
 LOCATION: DAGANA 1D

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE DA085

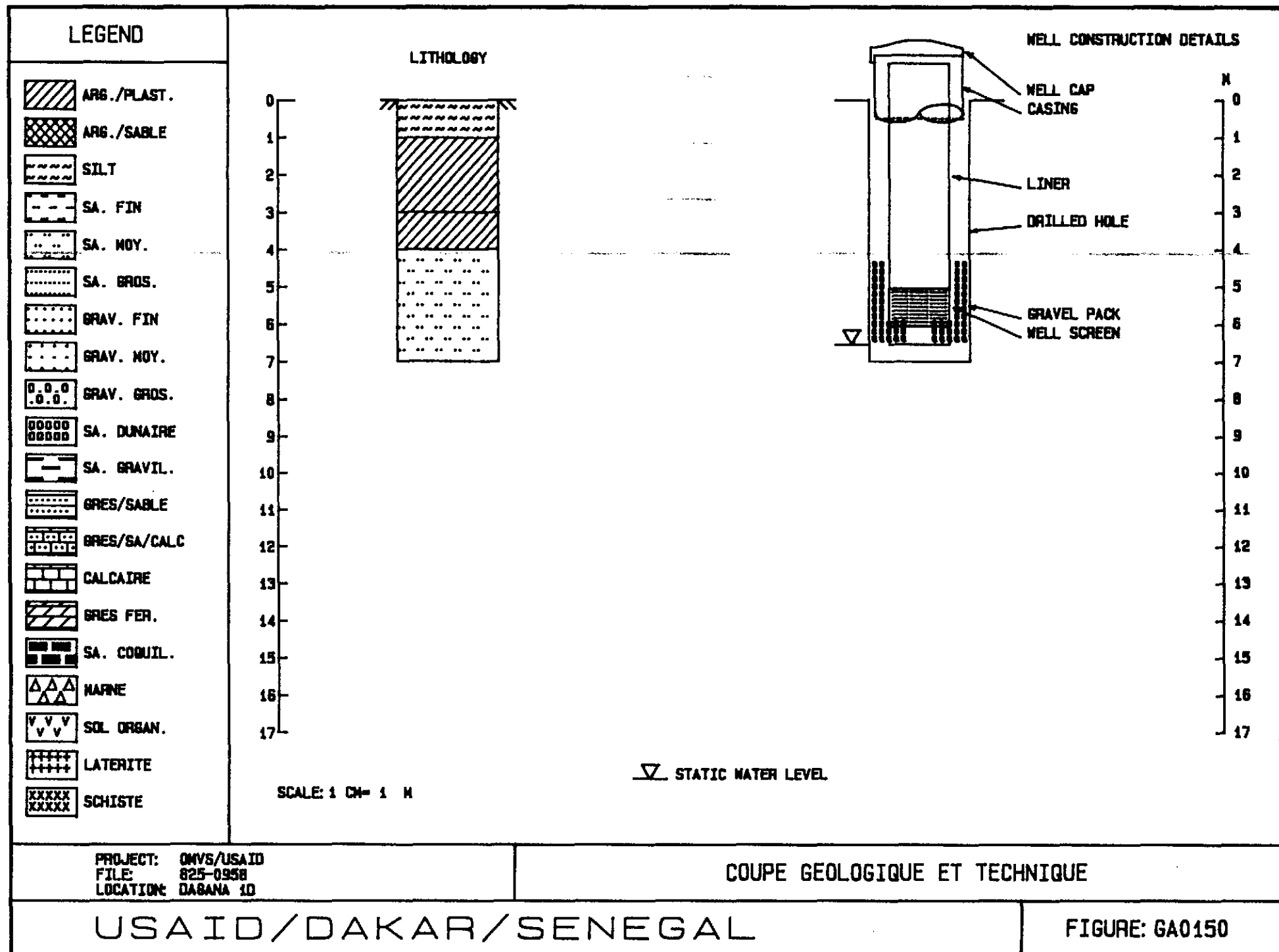
WELL LITHOLOGY

PROJECT:OMVS/USAID
LOCATION:DAGANA 1D
WELL NO.:DA085
DRILLER:SAFOR

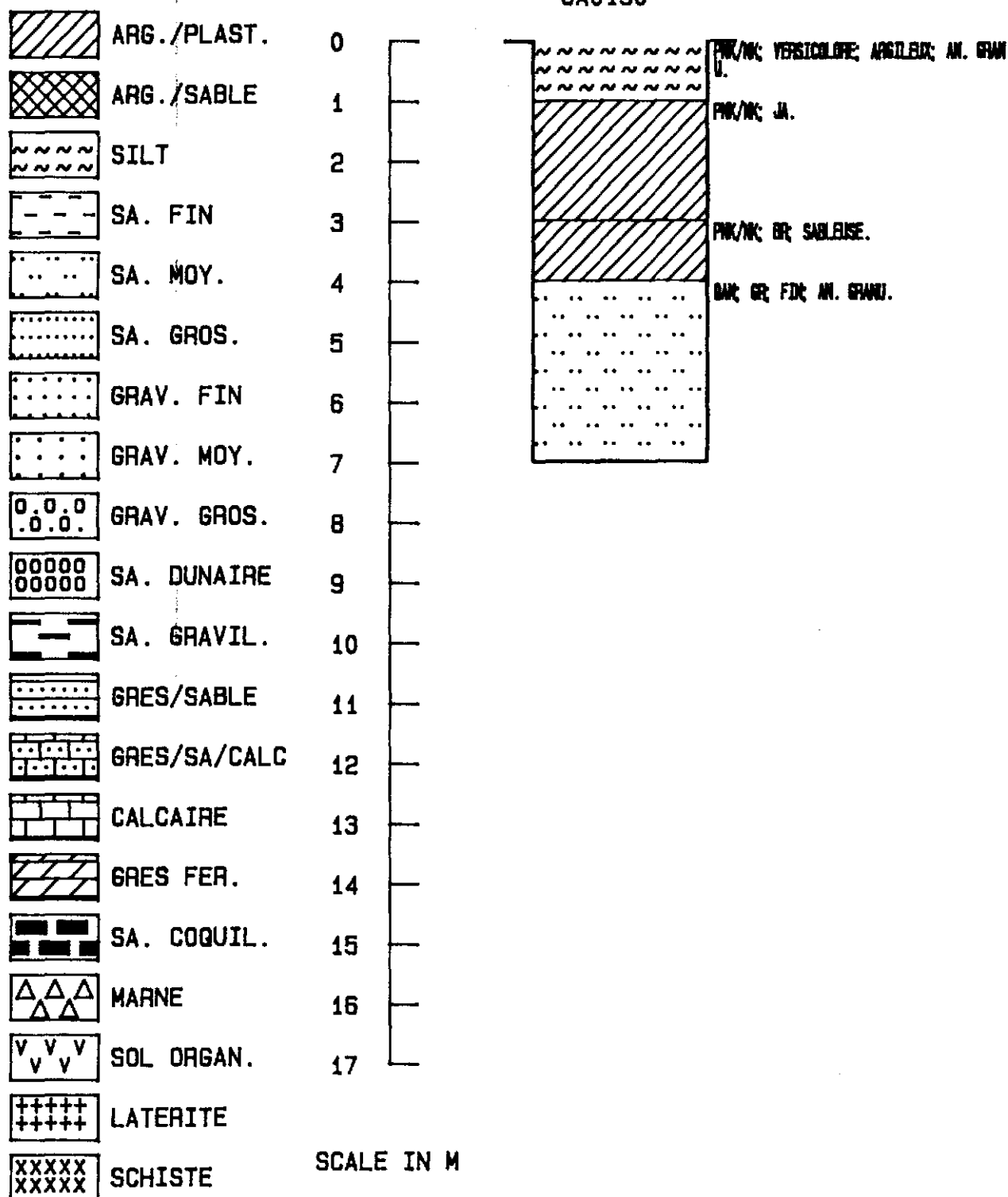
FILE NO.:625-0958
ELEVATION (M): 3.63
DATE DRILLED:28/02/87
TYPE OF RIG:ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	1.00	3.63	2.63	1.00	ARG./PLAST.,PNK; GR; SI
1.00	2.00	2.63	1.63	1.00	SA. FIN,PNK; RO/BLANC.
2.00	17.00	1.63	-13.37	15.00	ARG./PLAST.,NK; VE;
17.00	20.00	-13.37	-16.37	3.00	SA. FIN,IN; VE; ARGILEU
20.00	24.00	-16.37	-20.37	4.00	SA. FIN,IN; RO; BLANC;

USAID/DAKAR/SENEGAL



GA0150



PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 1D

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE GA0150

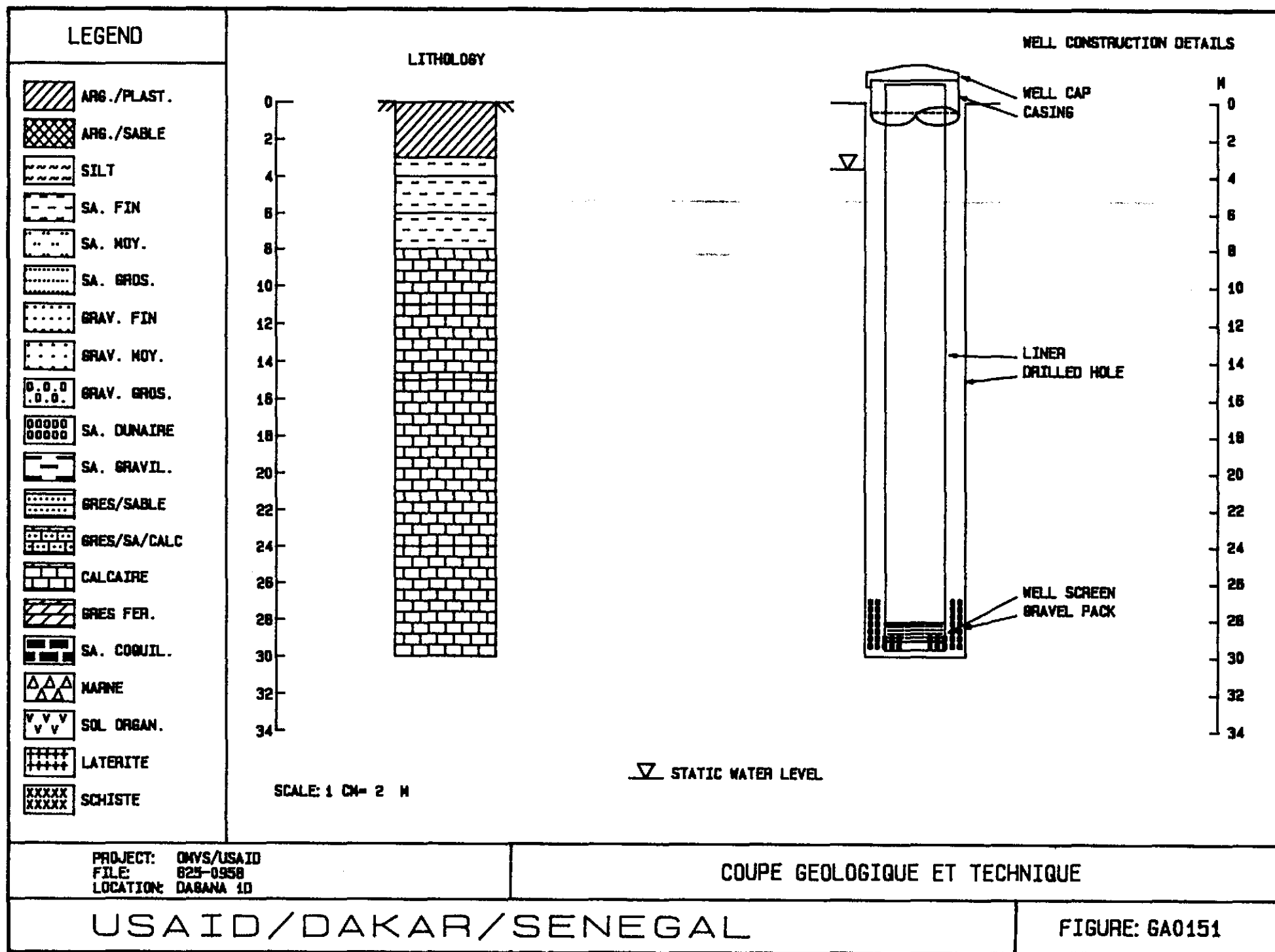
WELL LITHOLOGY

PROJECT:OMVS/USAID
LOCATION:DAGANA 1D
WELL NO.:GA0150
DRILLER:SAFOR

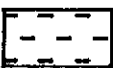
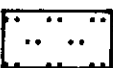
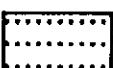
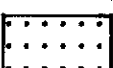
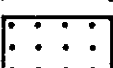
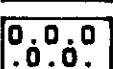
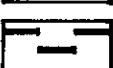
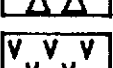
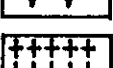
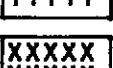
FILE NO.:625-0958
ELEVATION (M): 2.387
DATE DRILLED:04/05/87
TYPE OF RIG:ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	1.00	2.39	1.39	1.00	SILT, PNK/NK; VERSICOLOR
1.00	3.00	1.39	-0.61	2.00	ARG./PLAST., PNK/NK; JA.
3.00	4.00	-0.61	-1.61	1.00	ARG./PLAST., PNK/NK; BR;
4.00	7.00	-1.61	-4.61	3.00	SA. MOY., GAM; GR; FIN;

USAID/DAKAR/SENEGAL

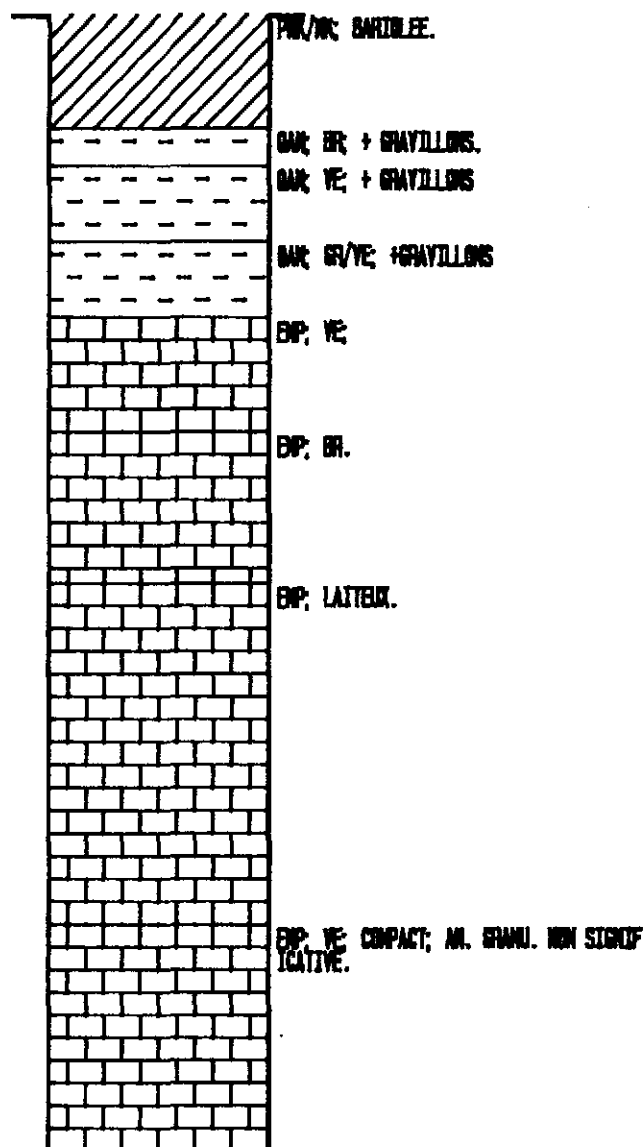


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	2
	SILT	4
	SA. FIN	6
	SA. MOY.	8
	SA. GROS.	10
	GRAV. FIN	12
	GRAV. MOY.	14
	GRAV. GROS.	16
	SA. DUNAIRE	18
	SA. GRAVIL.	20
	GRES/SABLE	22
	GRES/SA/CALC	24
	CALCAIRE	26
	GRES FER.	28
	SA. COQUIL.	30
	MARNE	32
	SOL ORGAN.	34
	LATERITE	
	SCHISTE	

SCALE IN M

GA0151



PROJECT: OMVS/USAID
FILE: 6250958
LOCATION: DAGANA 1D

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE GA0151

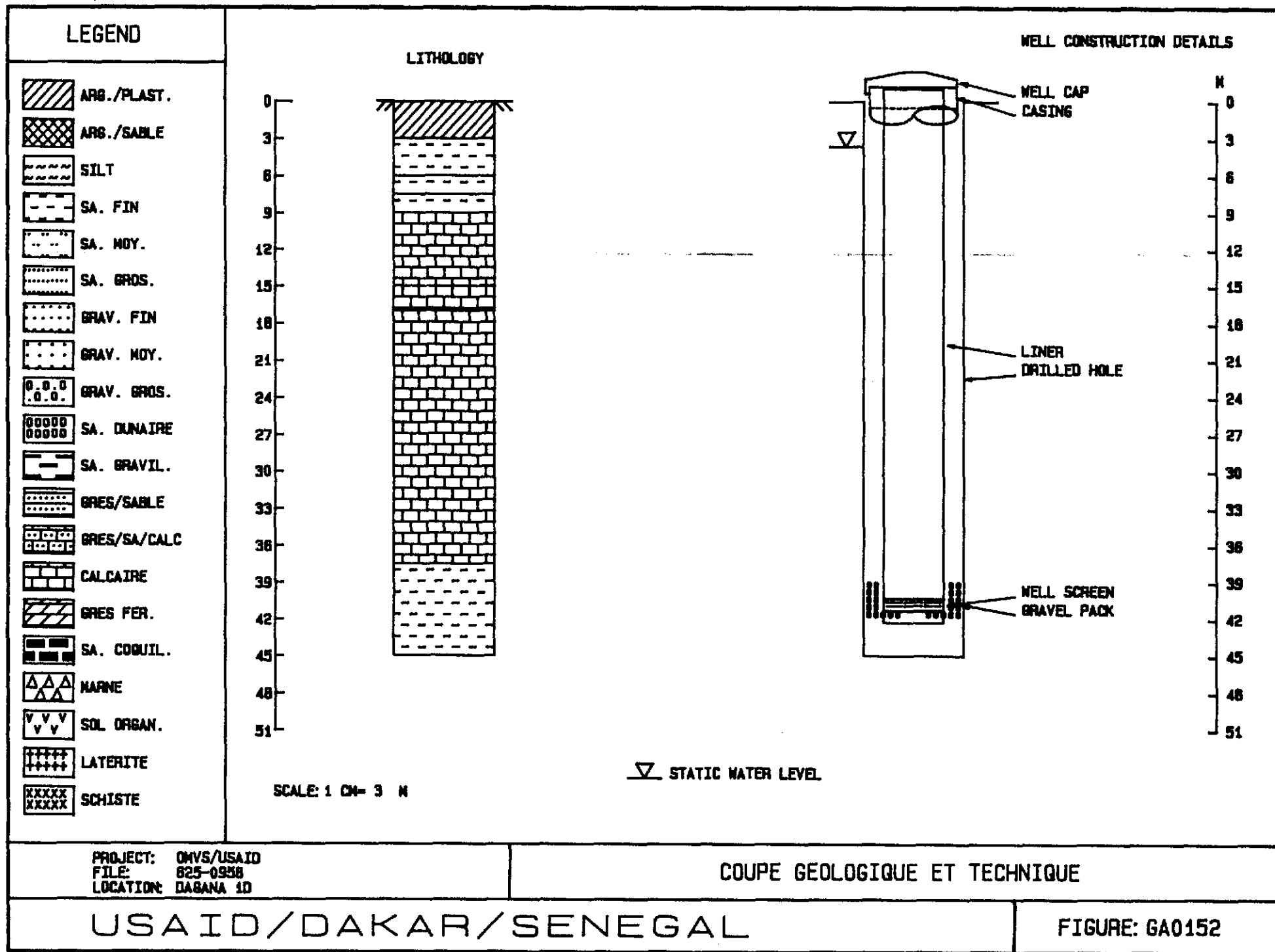
WELL LITHOLOGY

PROJECT:OMVS/USAID
LOCATION:DAGANA 1D
WELL NO.:GA0151
DRILLER:SAFOR

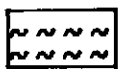
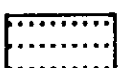
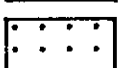
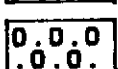
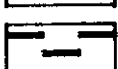
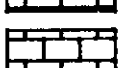
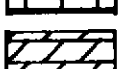
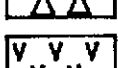
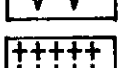
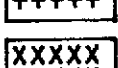
FILE NO.:625-0958
ELEVATION (M): 2.331
DATE DRILLED:06/05/87
TYPE OF RIG:ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	3.00	2.33	-0.67	3.00	ARG./PLAST.,PMK/NK; BAR
3.00	4.00	-0.67	-1.67	1.00	SA. FIN,GAM; BR; + GRAV
4.00	6.00	-1.67	-3.67	2.00	SA. FIN,GAM; VE; + GRAV
6.00	8.00	-3.67	-5.67	2.00	SA. FIN,GAM; GR/VE; +GR
8.00	11.00	-5.67	-8.67	3.00	CALCAIRE,EMP; VE;
11.00	15.00	-8.67	-12.67	4.00	CALCAIRE,EMP; BR.
15.00	24.00	-12.67	-21.67	9.00	CALCAIRE,EMP; LAITEUX.
24.00	30.00	-21.67	-27.67	6.00	CALCAIRE,EMP; VE; COMPA

USAID/DAKAR/SENEGAL

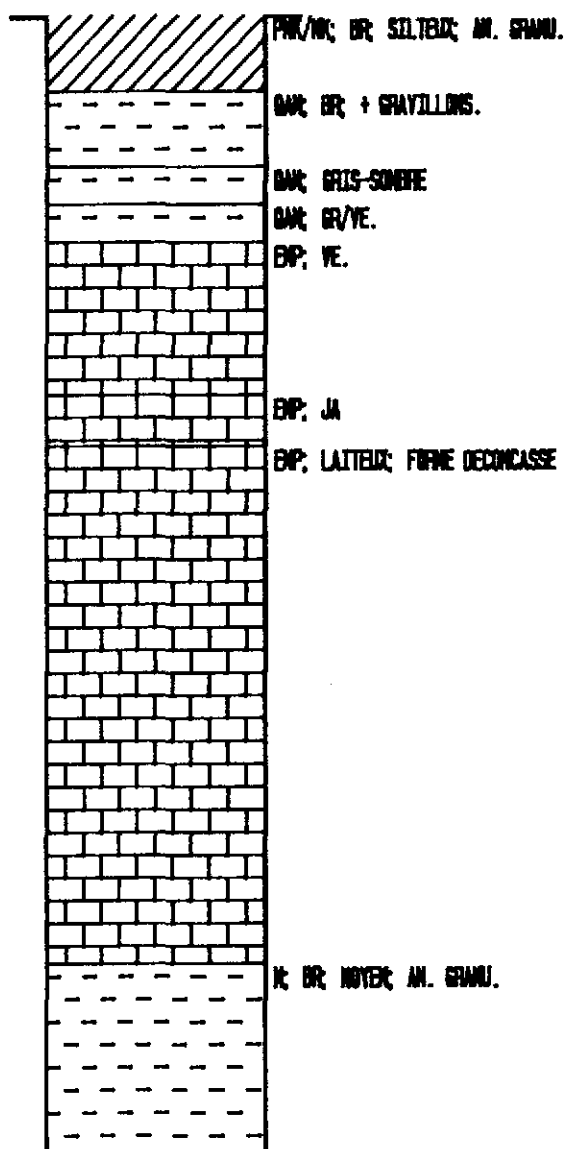


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	3
	SILT	6
	SA. FIN	9
	SA. MOY.	12
	SA. GROS.	15
	GRAV. FIN	18
	GRAV. MOY.	21
	GRAV. GROS.	24
	SA. DUNAIRE	27
	SA. GRAVIL.	30
	GRES/SABLE	33
	GRES/SA/CALC	36
	CALCAIRE	39
	GRES FER.	42
	SA. ... UIL.	45
	MARNE	48
	SOL ORGAN.	51
	LATERITE	
	SCHISTE	

SCALE IN M

GA0152

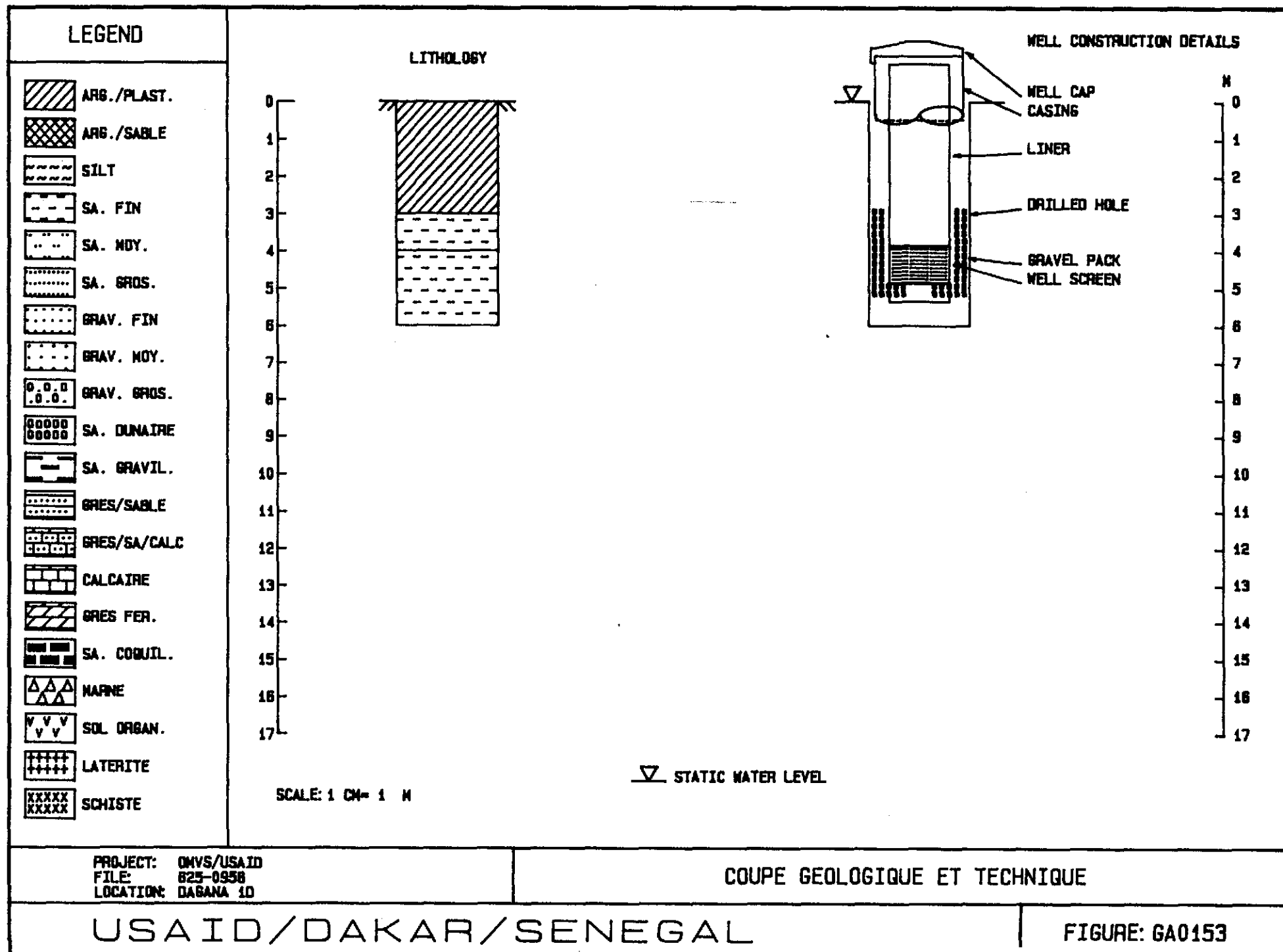


PROJECT: OMVS/USAID
 FILE: 625-0958
 LOCATION: DAGANA 10

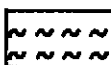
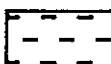
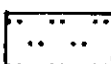
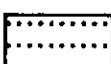
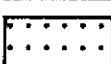
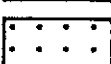
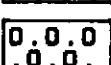
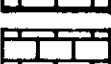
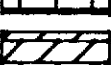
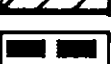
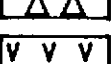
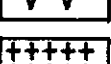
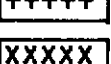
LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE GA0152

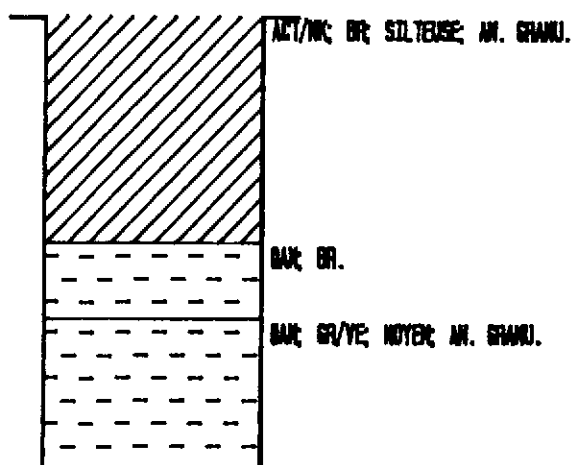


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	1
	SILT	2
	SA. FIN	3
	SA. MOY.	4
	SA. GROS.	5
	GRAV. FIN	6
	GRAV. MOY.	7
	GRAV. GROS.	8
	SA. DUNAIRE	9
	SA. GRAVIL.	10
	GRES/SABLE	11
	GRES/SA/CALC	12
	CALCAIRE	13
	GRES FER.	14
	SA. COQUIL.	15
	MARNE	16
	SOL ORGAN.	17
	LATERITE	
	SCHISTE	

SCALE IN M

GA0153

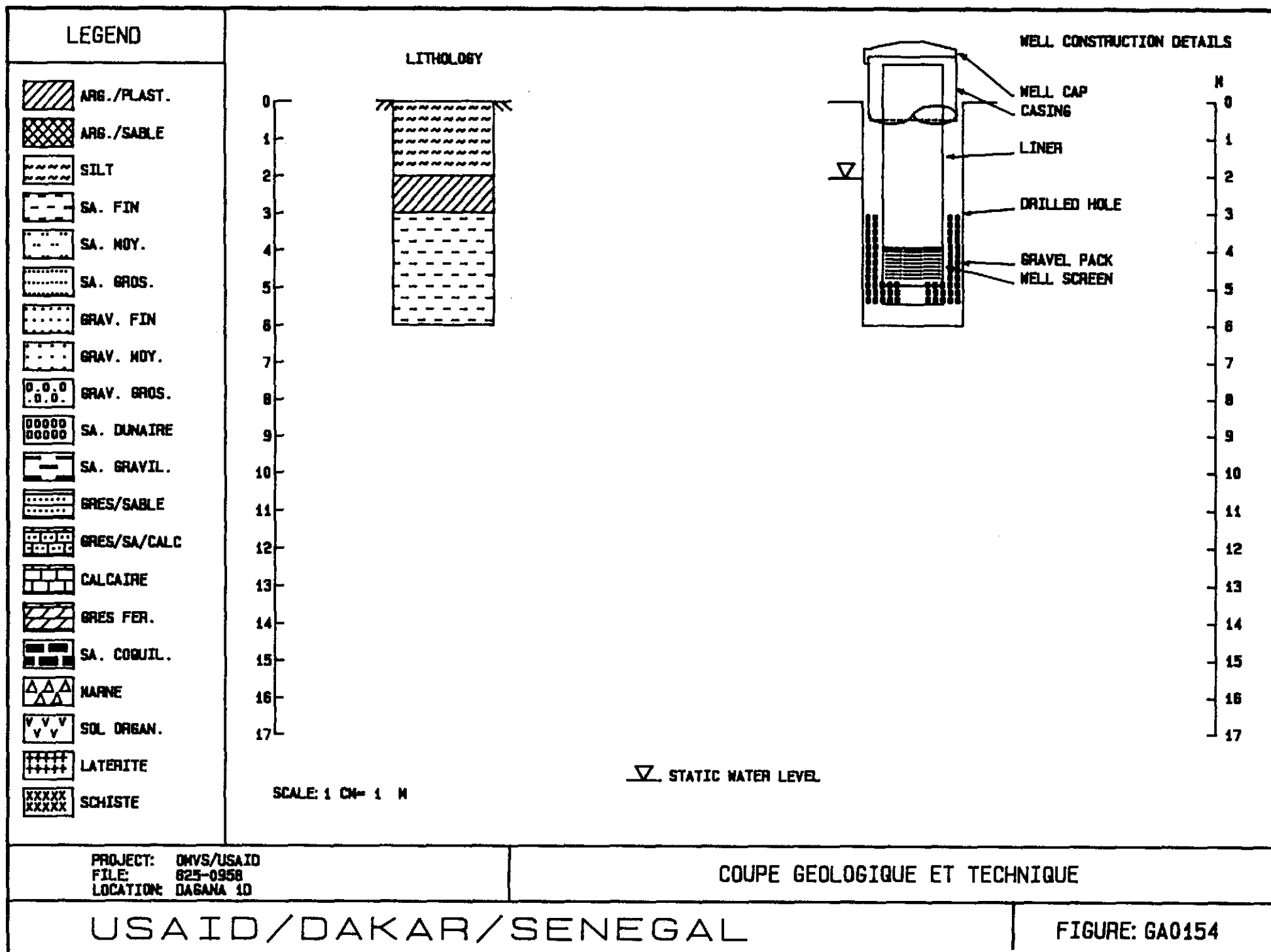


PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 1D

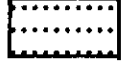
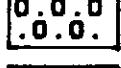
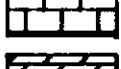
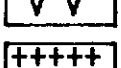
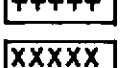
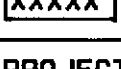
LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE GA0153

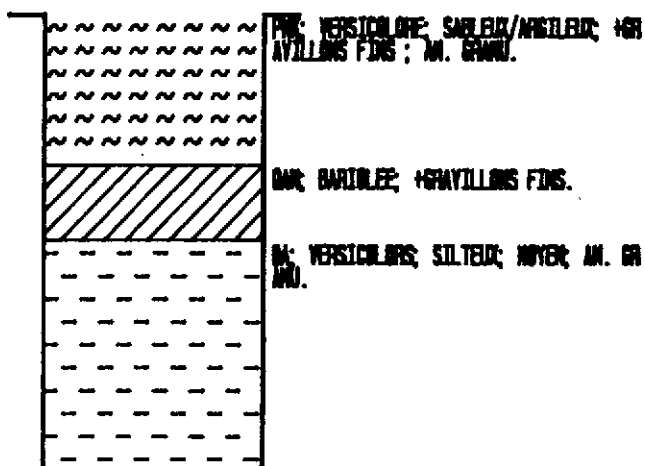


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	1
	SILT	2
	SA. FIN	3
	SA. MOY.	4
	SA. GROS.	5
	GRAV. FIN	6
	GRAV. MOY.	7
	GRAV. GROS.	8
	SA. DUNAIRE	9
	SA. GRAVIL.	10
	GRES/SABLE	11
	GRES/SA/CALC	12
	CALCAIRE	13
	GRES FER.	14
	SA. COQUIL.	15
	MARNE	16
	SOL ORGAN.	17
	LATERITE	
	SCHISTE	

SCALE IN M

GA0154



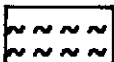
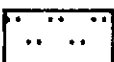
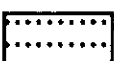
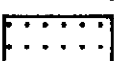
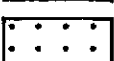
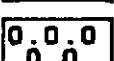
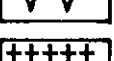
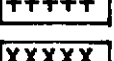
PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 1D

LITHOLOGY

USAID/DAKAR/SENEGAL

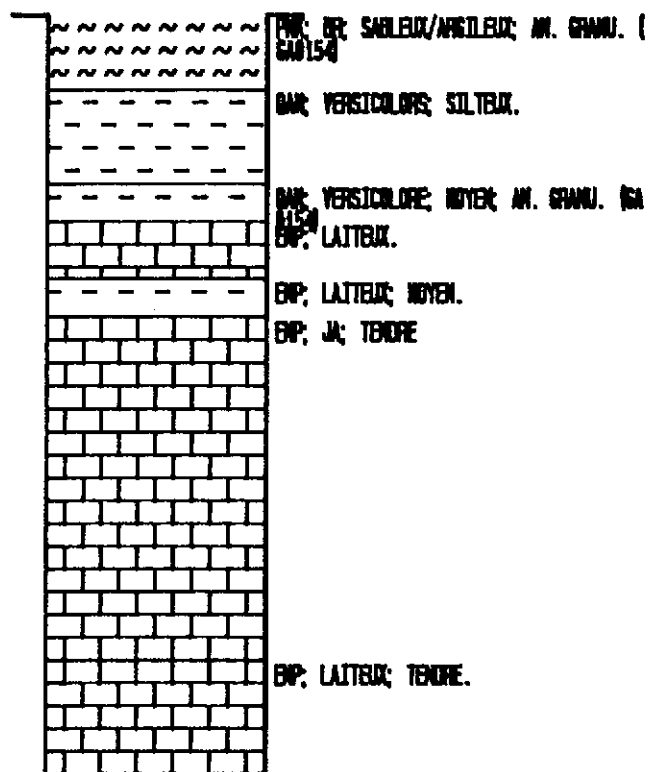
FIGURE GA0154

LEGEND

	ARG./PLAST.	0
	ARG./SABLE	2
	SILT	4
	SA. FIN	6
	SA. MOY.	8
	SA. GROS.	10
	GRAV. FIN	12
	GRAV. MOY.	14
	GRAV. GROS.	16
	SA. DUNAIRE	18
	SA. GRAVIL.	20
	GRES/SABLE	22
	GRES/SA/CALC	24
	CALCAIRE	26
	GRES FER.	28
	SA. COQUIL.	30
	MARNE	32
	SOL ORGAN.	34
	LATERITE	
	SCHISTE	

SCALE IN M

GA0155



PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 1D

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE GA0155

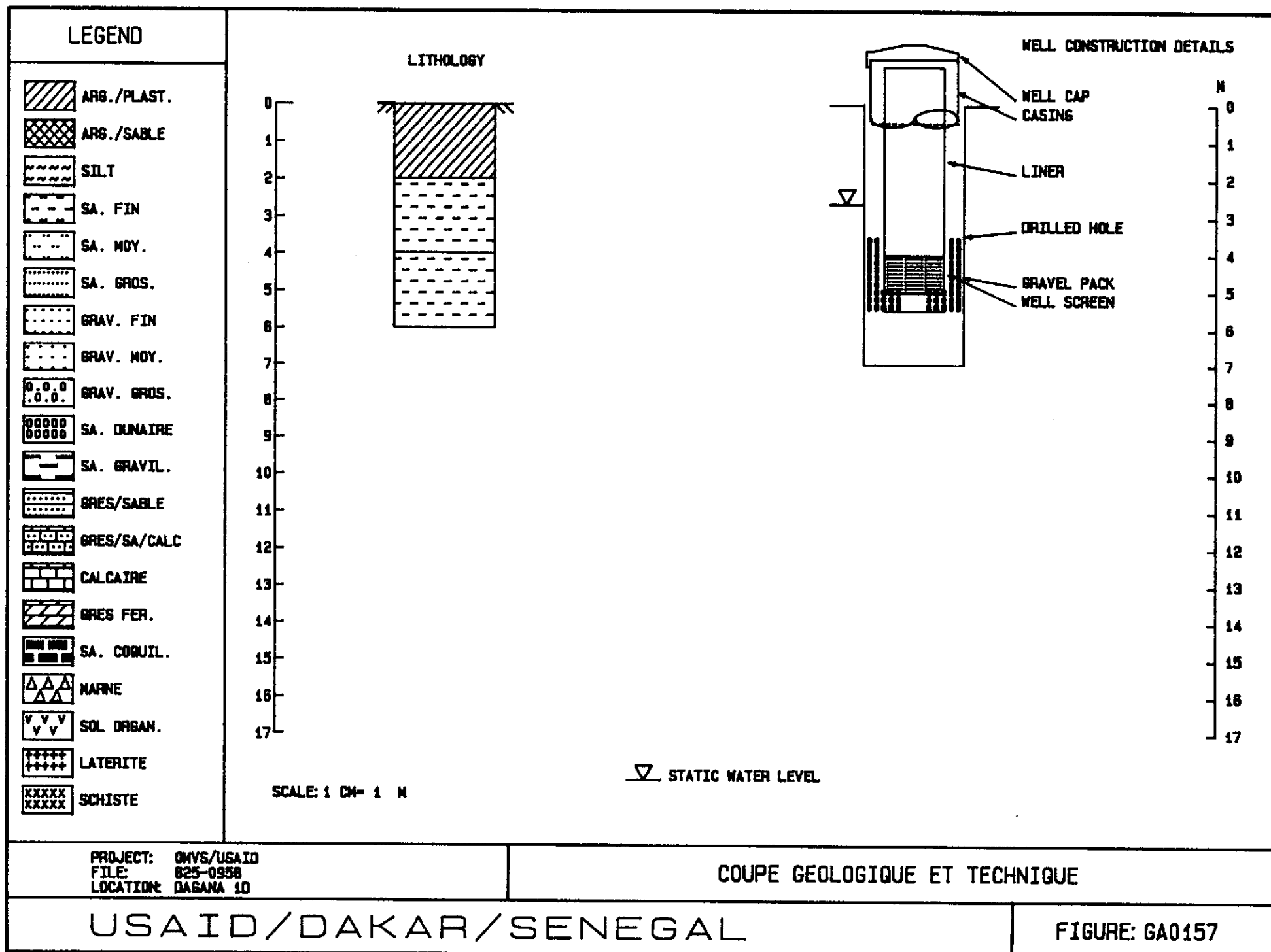
WELL LITHOLOGY

PROJECT:OMVS/USAID
LOCATION:DAGANA 1D
WELL NO.:GA0156
DRILLER:SAFOR

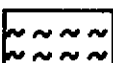
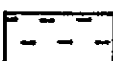
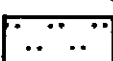
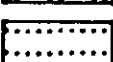
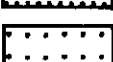
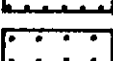
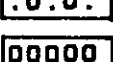
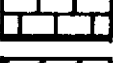
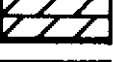
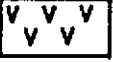
FILE NO.:625-0958
ELEVATION (M): 2.707
DATE DRILLED:08/05/87
TYPE OF RIG:ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	1.00	2.71	1.71	1.00	SILT,PNK;ARGILEUX/SABLE
1.00	3.00	1.71	-0.29	2.00	SA. FIN,PNK; VERSICOLOR
3.00	4.00	-0.29	-1.29	1.00	ARG./PLAST.,NK; NO/GR;
4.00	5.00	-1.29	-2.29	1.00	ARG./PLAST.,NK; GR; PLA
5.00	6.00	-2.29	-3.29	1.00	SA. FIN,NK; GR; MOYEN;
6.00	7.00	-3.29	-4.29	1.00	SILT,NK; GR.

USAID/DAKAR/SENEGAL

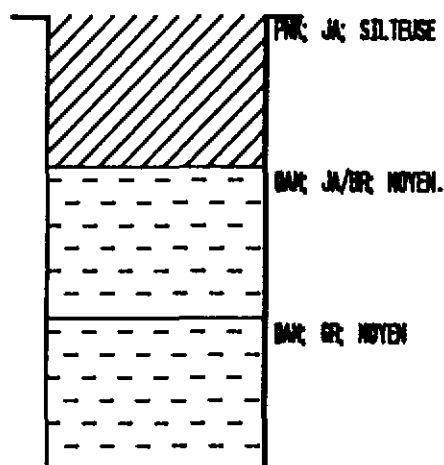


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	1
	SILT	2
	SA. FIN	3
	SA. MOY.	4
	SA. GROS.	5
	GRAV. FIN	6
	GRAV. MOY.	7
	GRAV. GROS.	8
	SA. DUNAIRE	9
	SA. GRAVIL.	10
	GRES/SABLE	11
	GRES/SA/CALC	12
	CALCAIRE	13
	GRES FER.	14
	SA. COQUIL.	15
	MARNE	16
	SOL ORGAN.	17
	LATERITE	
	SCHISTE	

SCALE IN M

GA0157



PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 1D

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE GA0157

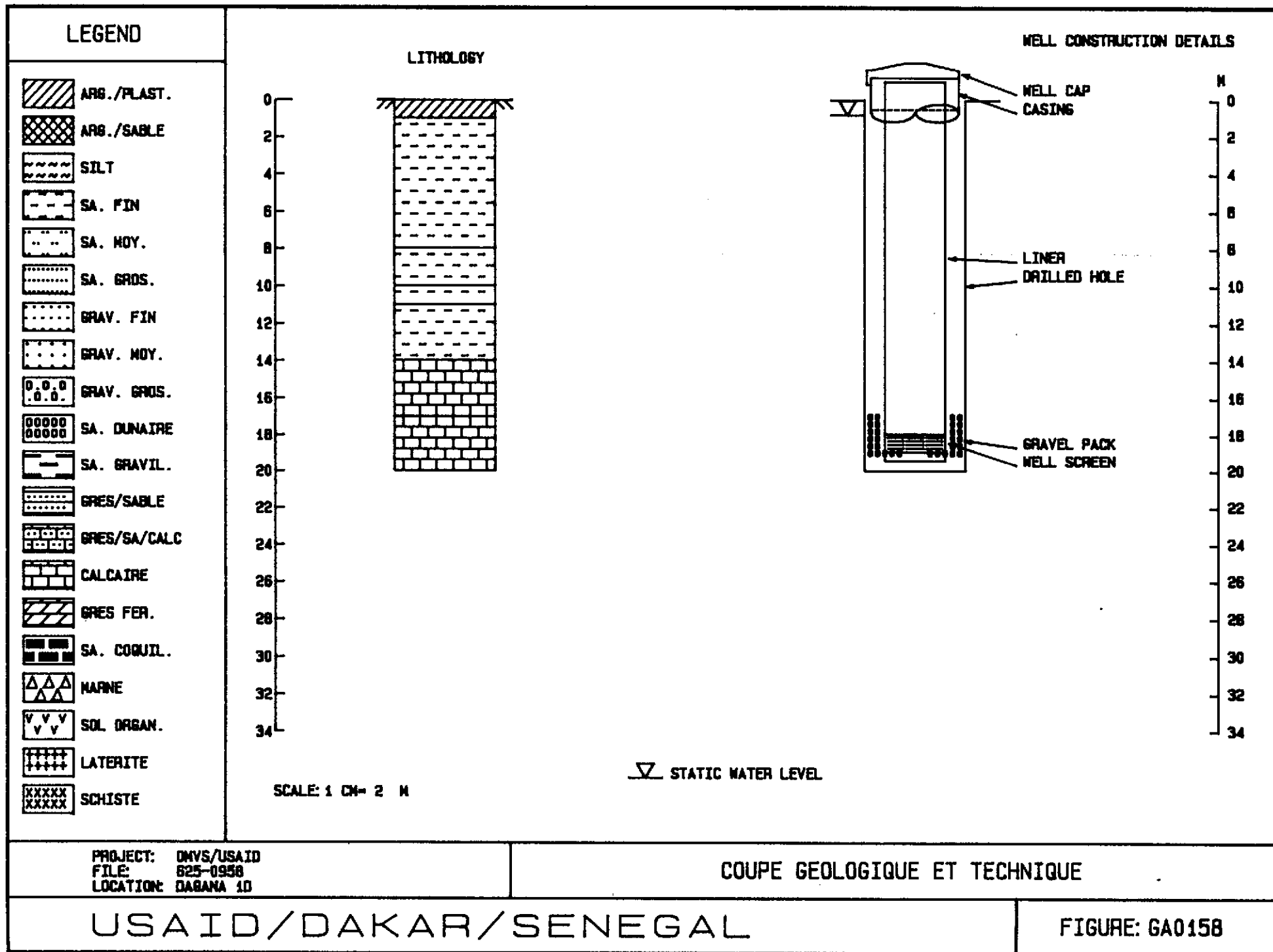
WELL LITHOLOGY

PROJECT: OMVS/USAID
LOCATION: DAGANA 1D
WELL NO.: GA0157
DRILLER: SAFOR

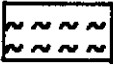
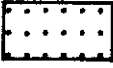
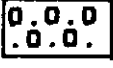
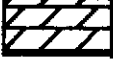
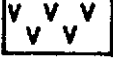
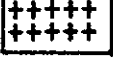
FILE NO.: 625-0958
ELEVATION (M): 2.592
DATE DRILLED: 08/05/87
TYPE OF RIG: ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	2.00	2.59	0.59	2.00	ARG./PLAST., PNK; JA; SI
2.00	4.00	0.59	-1.41	2.00	SA. FIN, QAM; JA/BR; MOY
4.00	6.00	-1.41	-3.41	2.00	SA. FIN, QAM; GR; MOYEN

USAID/DAKAR/SENEGAL

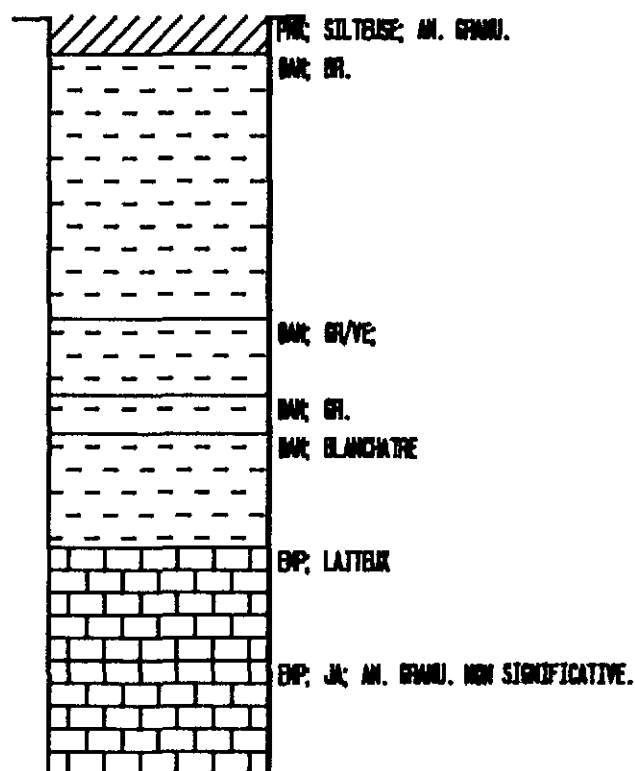


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	2
	SILT	4
	SA. FIN	6
	SA. MOY.	8
	SA. GROS.	10
	GRAV. FIN	12
	GRAV. MOY.	14
	GRAV. GROS.	16
	SA. DUNAIRE	18
	SA. GRAVIL.	20
	GRES/SABLE	22
	GRES/SA/CALC	24
	CALCAIRE	26
	GRES FER.	28
	SA. COQUIL.	30
	MARNE	32
	SOL ORGAN.	34
	LATERITE	
	SCHISTE	

SCALE IN M

GA0158



PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 1D

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE GA0158

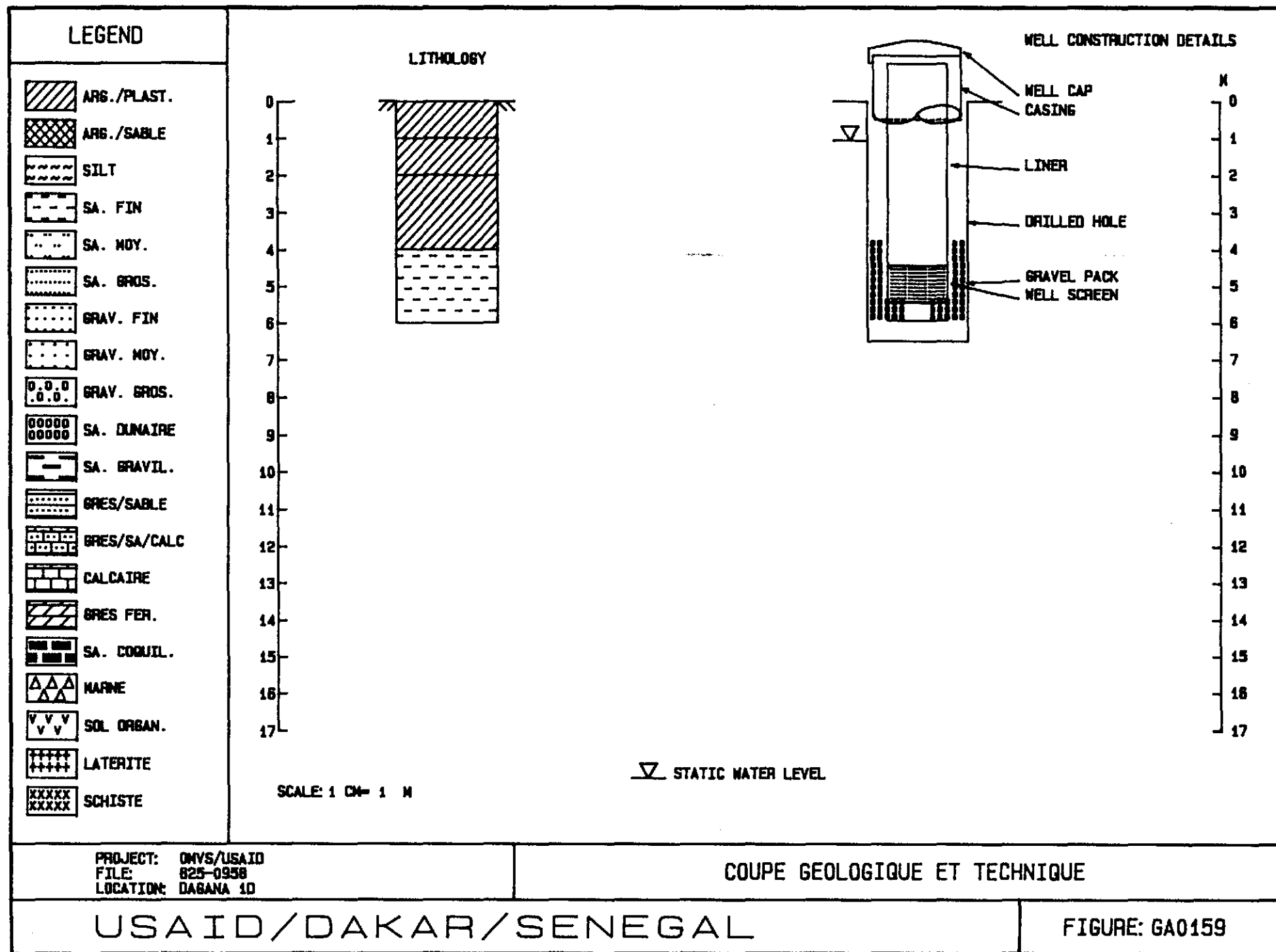
WELL LITHOLOGY

PROJECT: OMVS/USAID
 LOCATION: DAGANA 1D
 WELL NO.: GA0158
 DRILLER: SAFOR

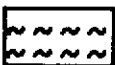
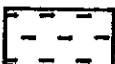
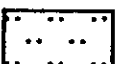
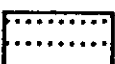
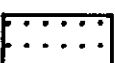
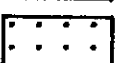
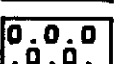
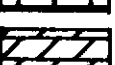
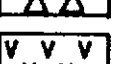
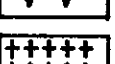
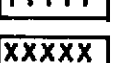
FILE NO.: 625-0958
 ELEVATION (M): 2.71
 DATE DRILLED: 20/05/87
 TYPE OF RIG: ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	1.00	2.71	1.71	1.00	ARG./PLAST., PNK; SILTEU
1.00	8.00	1.71	-5.29	7.00	SA. FIN, QAM; BR.
8.00	10.00	-5.29	-7.29	2.00	SA. FIN, QAM; GR/VE;
10.00	11.00	-7.29	-8.29	1.00	SA. FIN, QAM; GR.
11.00	14.00	-8.29	-11.29	3.00	SA. FIN, QAM; BLANCHATRE
14.00	17.00	-11.29	-14.29	3.00	CALCAIRE, EMP; LAITEUX
17.00	20.00	-14.29	-17.29	3.00	CALCAIRE, EMP; JA; AN. G

USAID/DAKAR/SENEGAL

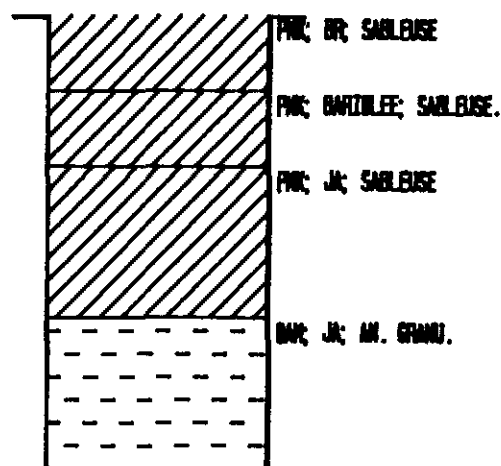


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	1
	SILT	2
	SA. FIN	3
	SA. MOY.	4
	SA. GROS.	5
	GRAV. FIN	6
	GRAV. MOY.	7
	GRAV. GROS.	8
	SA. DUNAIRE	9
	SA. GRAVIL.	10
	GRES/SABLE	11
	GRES/SA/CALC	12
	CALCAIRE	13
	GRES FER.	14
	SA. COQUIL.	15
	MARNE	16
	SOL ORGAN.	17
	LATERITE	
	SCHISTE	

SCALE IN M

GA0159



PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 10

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE GA0159

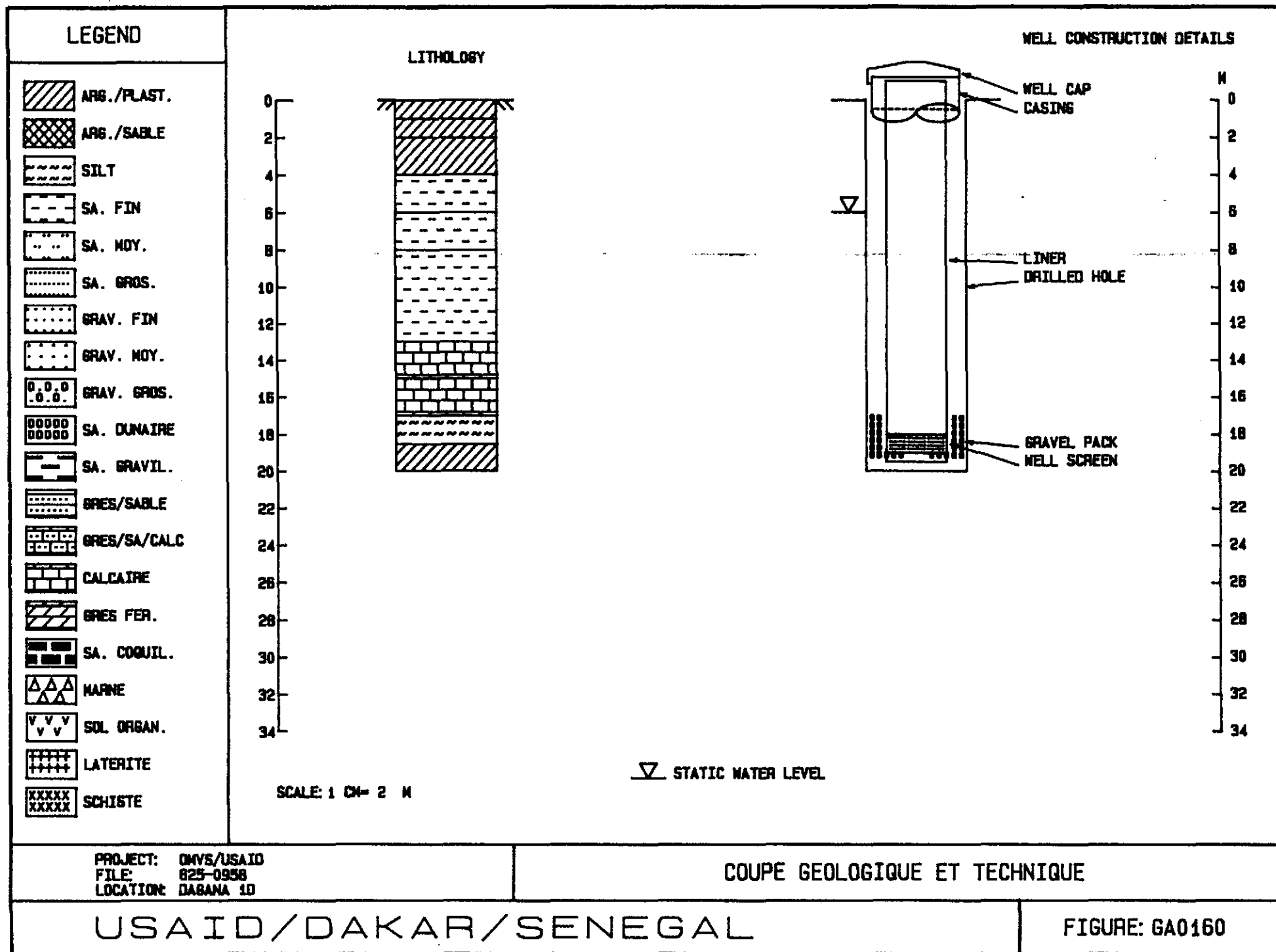
WELL LITHOLOGY

PROJECT: DMVS/USAID
LOCATION: DAGANA 1D
WELL NO.: GA0159
DRILLER: SAFOR

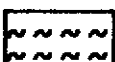
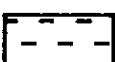
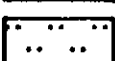
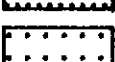
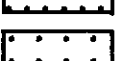
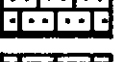
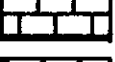
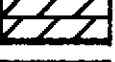
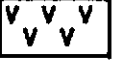
FILE NO.: 625-0958
ELEVATION (M): 2.596
DATE DRILLED: 21/05/87
TYPE OF RIG: ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	1.00	2.60	1.60	1.00	ARG./PLAST., PNK; BR; SA
1.00	2.00	1.60	0.60	1.00	ARG./PLAST., PNK; BARIOL
2.00	4.00	0.60	-1.40	2.00	ARG./PLAST., PNK; JA; SA
4.00	6.00	-1.40	-3.40	2.00	SA. FIN, QAM; JA; AN. GR

USAID/DAKAR/SENEGAL

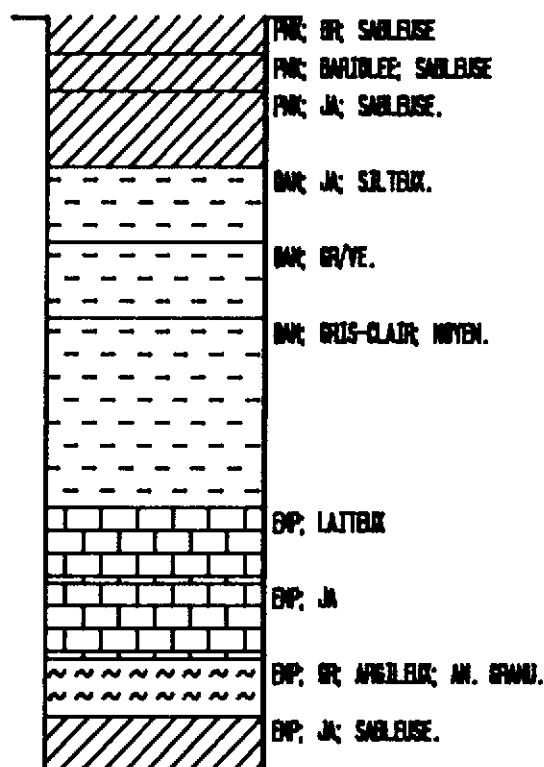


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	2
	SILT	4
	SA. FIN	6
	SA. MOY.	8
	SA. GROS.	10
	GRAV. FIN	12
	GRAV. MOY.	14
	GRAV. GROS.	16
	SA. DUNAIRE	18
	SA. GRAVIL.	20
	GRES/SABLE	22
	GRES/SA/CALC	24
	CALCAIRE	26
	GRES FER.	28
	SA. COQUIL.	30
	MARNE	32
	SOL ORGAN.	34
	LATERITE	
	SCHISTE	

SCALE IN M

GA0160



PROJECT: OMVS/USAID
 FILE: 625-0958
 LOCATION: DAGANA 10

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE GA0160

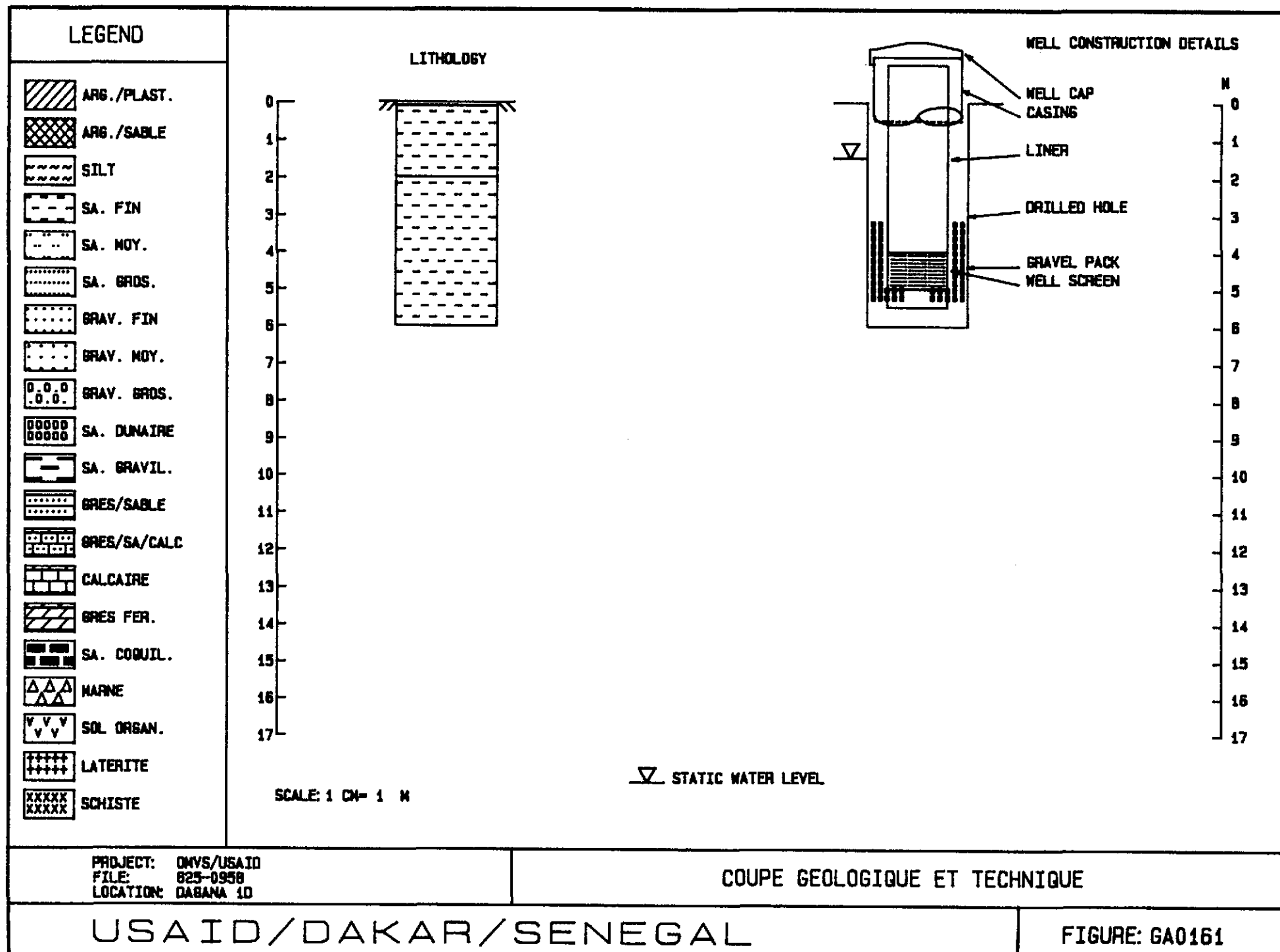
WELL LITHOLOGY

PROJECT: OMVS/USAID
LOCATION: DAGANA 1D
WELL NO.: GA0160
DRILLER: SAFOR

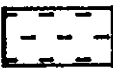
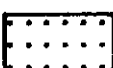
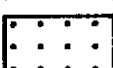
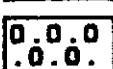
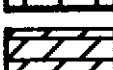
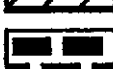
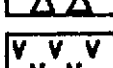
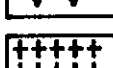
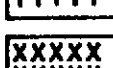
FILE NO.: 625-0958
ELEVATION (M): 2.573
DATE DRILLED: 21/05/87
TYPE OF RIG: ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	1.00	2.57	1.57	1.00	ARG./PLAST., PNK; BR; SA
1.00	2.00	1.57	0.57	1.00	ARG./PLAST., PNK; BARIDL
2.00	4.00	0.57	-1.43	2.00	ARG./PLAST., PNK; JA; SA
4.00	6.00	-1.43	-3.43	2.00	SA. FIN, QAM; JA; SILTEU
6.00	8.00	-3.43	-5.43	2.00	SA. FIN, QAM; GR/VE.
8.00	13.00	-5.43	-10.43	5.00	SA. FIN, QAM; GRIS-CLAIR
13.00	15.00	-10.43	-12.43	2.00	CALCAIRE, EMP; LAITEUX
15.00	17.00	-12.43	-14.43	2.00	CALCAIRE, EMP; JA
17.00	18.50	-14.43	-15.93	1.50	SILT, EMP; GR; ARGILEUX;
18.50	20.00	-15.93	-17.43	1.50	ARG./PLAST., EMP; JA; SA

USAID/DAKAR/SENEGAL

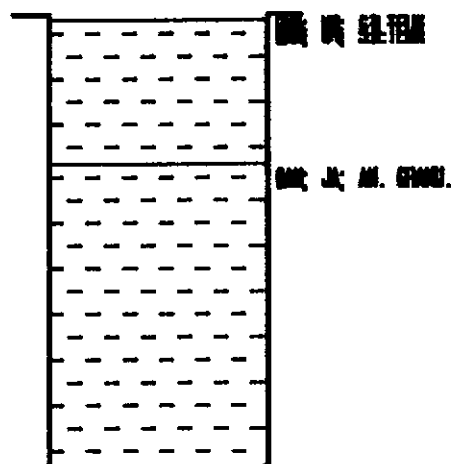


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	1
	SILT	2
	SA. FIN	3
	SA. MOY.	4
	SA. GROS.	5
	GRAV. FIN	6
	GRAV. MOY.	7
	GRAV. GROS.	8
	SA. DUNAIRE	9
	SA. GRAVIL.	10
	GRES/SABLE	11
	GRES/SA/CALC	12
	CALCAIRE	13
	GRES FER.	14
	SA. COQUIL.	15
	MARNE	16
	SOL. ORGAN.	17
	LATERITE	
	SCHISTE	

SCALE IN M

GA0161



PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 10

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE GA0161

WELL LITHOLOGY

PROJECT: ONVS/USAID
 LOCATION: DAGANA 12
 WELL NO.: GA0161
 DRILLER: SAFOR

FILE NO.: 625-0958
 ELEVATION (M): 2.135
 DATE DRILLED: 21/05/87
 TYPE OF RIG: ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	0.10	2.14	2.03	0.10	SA. TIS, PAK; AC; SILTED
0.10	2.00	2.03	0.13	1.90	SA. FIK, QAM; GR; SILTED
2.00	6.00	0.13	-3.87	4.00	SA. FIW, QAM; JA; AN. GR

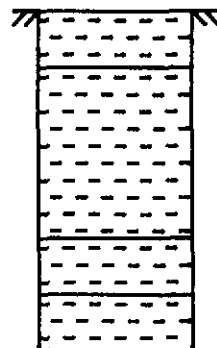
USAID/DAKAR/SENEGAL

LEGEND

	ARG./PLAST.
	ARG./SABLE
	SILT
	SA. FIN
	SA. MOY.
	SA. GROS.
	GRAV. FIN
	GRAV. MOY.
	GRAV. GROS.
	SA. DUNAIRE
	SA. GRAVIL.
	GRES/SABLE
	GRES/SA/CALC
	CALCAIRE
	GRES FER.
	SA. COQUIL.
	MARNE
	SOL ORGAN.
	LATERITE
	SCHISTE

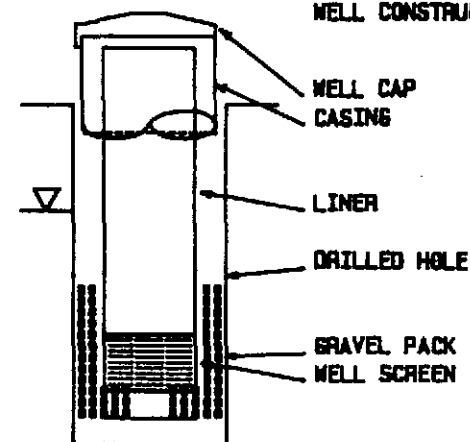
LITHOLOGY

0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17



SCALE: 1 CM = 1 M

WELL CONSTRUCTION DETAILS



M
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17

STATIC WATER LEVEL

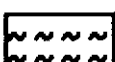
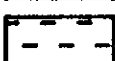
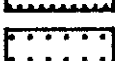
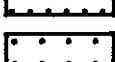
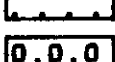
PROJECT: OMVS/USAID
FILE: 825-0958
LOCATION: DABANA 10

COUPE GEOLOGIQUE ET TECHNIQUE

USAID/DAKAR/SENEGAL

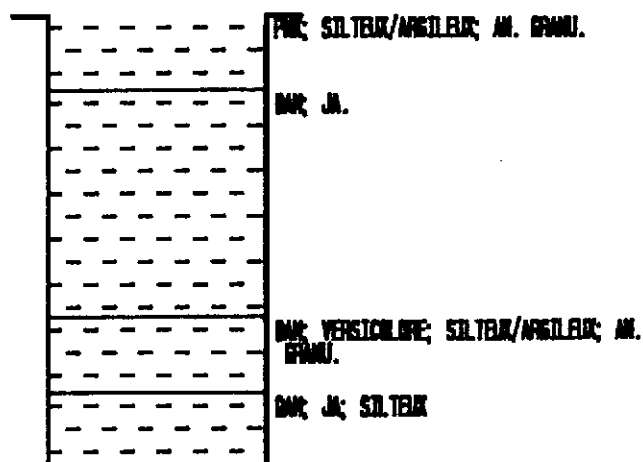
FIGURE: GA0162

LEGEND

	ARG./PLAST.	0
	ARG./SABLE	1
	SILT	2
	SA. FIN	3
	SA. MOY.	4
	SA. GROS.	5
	GRAV. FIN	6
	GRAV. MOY.	7
	GRAV. GROS.	8
	SA. DUNAIRE	9
	SA. GRAVIL.	10
	GRES/SABLE	11
	GRES/SA/CALC	12
	CALCAIRE	13
	GRES FER.	14
	SA. COQUIL.	15
	MARNE	16
	SOL ORGAN.	17
	LATERITE	
	SCHISTE	

SCALE IN M

GA0162



PROJECT: DMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 1D

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE GA0162

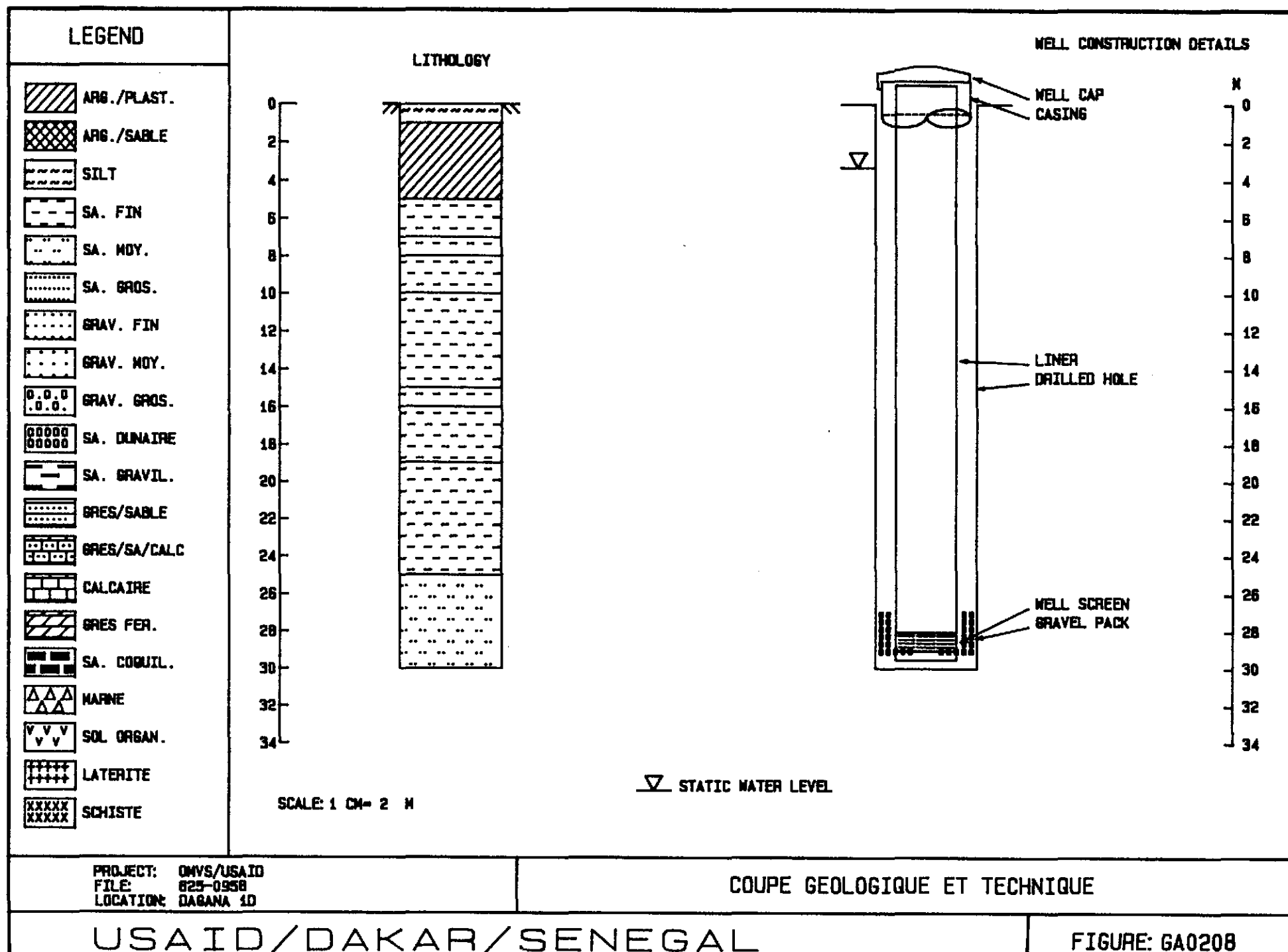
WELL LITHOLOGY

PROJECT: OMVS/USAID
LOCATION: DAGANA 1D
WELL NO.: GA0162
DRILLER: SAFOR

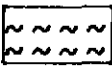
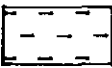
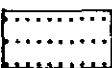
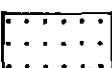
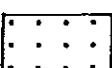
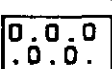
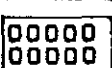
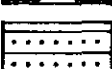
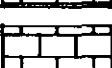
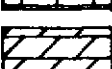
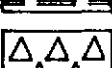
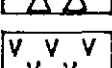
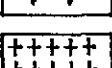
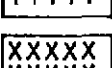
FILE NO.: 625-0958
ELEVATION (M): 2.073
DATE DRILLED: 21/05/87
TYPE OF RIG: ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	1.00	2.07	1.07	1.00	SA. FIN, PNK; SILTEUX/AR
1.00	4.00	1.07	-1.93	3.00	SA. FIN, GAM; JA.
4.00	5.00	-1.93	-2.93	1.00	SA. FIN, GAM; VERSICOLOR
5.00	6.00	-2.93	-3.93	1.00	SA. FIN, GAM; JA; SILTEU

USAID/DAKAR/SENEGAL

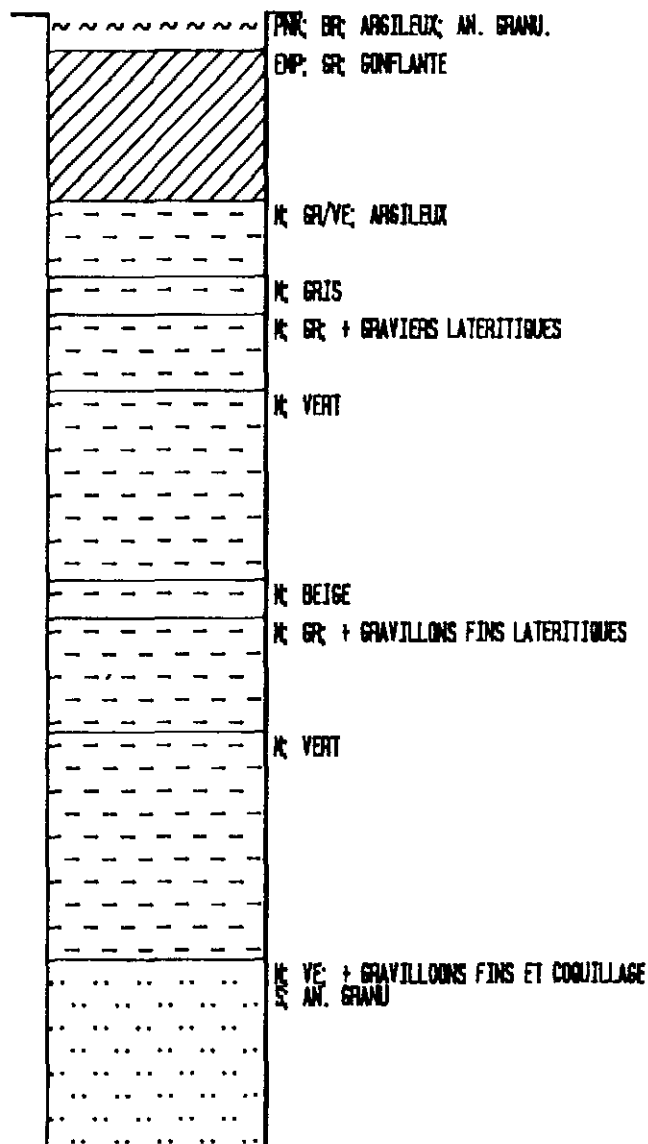


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	2
	SILT	4
	SA. FIN	6
	SA. MOY.	8
	SA. GROS.	10
	GRAV. FIN	12
	GRAV. MOY.	14
	GRAV. GROS.	16
	SA. DUNAIRE	18
	SA. GRAVIL.	20
	GRES/SABLE	22
	GRES/SA/CALC	24
	CALCAIRE	26
	GRES FER.	28
	SA. COQUIL.	30
	MARNE	32
	SOL ORGAN.	34
	LATERITE	
	SCHISTE	

SCALE IN M

GA0208



PROJECT: OMVS/USAID
 FILE: 625-0958
 LOCATION: DAGANA 1D

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE GA0208

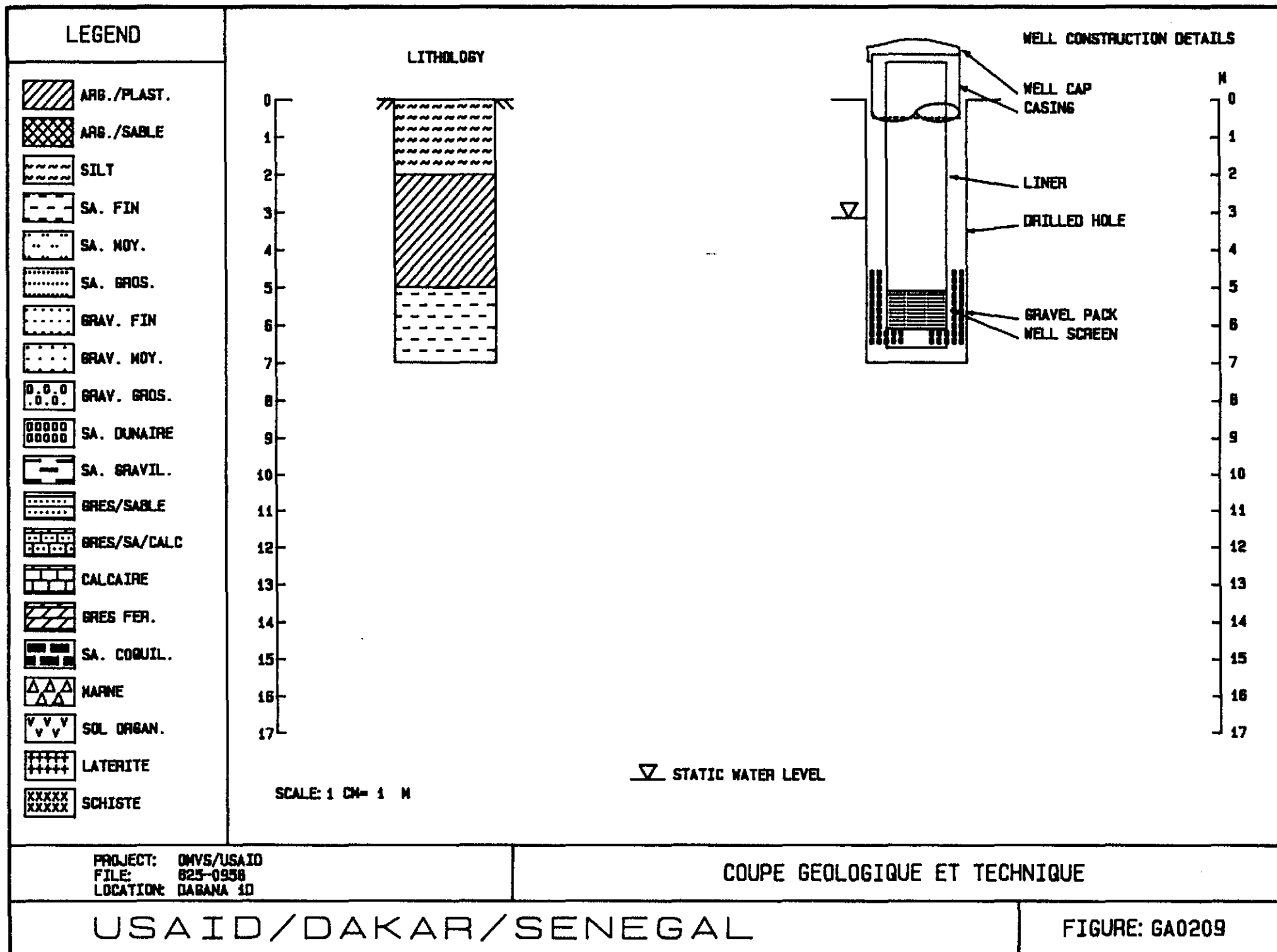
WELL LITHOLOGY

PROJECT: OMVS/USAID
LOCATION: DAGANA 1D
WELL NO.: GA0208
DRILLER: SAFOR

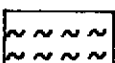
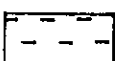
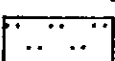
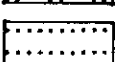
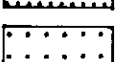
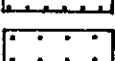
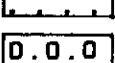
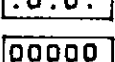
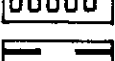
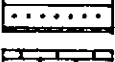
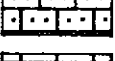
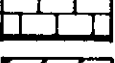
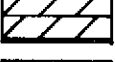
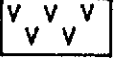
FILE NO.: 625-0958
ELEVATION (M): 2.247
DATE DRILLED: 25/05/87
TYPE OF RIG: ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	1.00	2.25	1.25	1.00	SILT, PNK; BR; ARGILEUX;
1.00	5.00	1.25	-2.75	4.00	ARG./PLAST., EMP; GR; GO
5.00	7.00	-2.75	-4.75	2.00	SA. FIN, M; GR/VE; ARGIL
7.00	8.00	-4.75	-5.75	1.00	SA. FIN, M; GRIS
8.00	10.00	-5.75	-7.75	2.00	SA. FIN, M; GR; + GRAVIE
10.00	15.00	-7.75	-12.75	5.00	SA. FIN, M; VERT
15.00	16.00	-12.75	-13.75	1.00	SA. FIN, M; BEIGE
16.00	19.00	-13.75	-16.75	3.00	SA. FIN, M; GR; + GRAVIL
19.00	25.00	-16.75	-22.75	6.00	SA. FIN, M; VERT
25.00	30.00	-22.75	-27.75	5.00	SA. MOY., M; VE; + GRAVI

USAID/DAKAR/SENEGAL

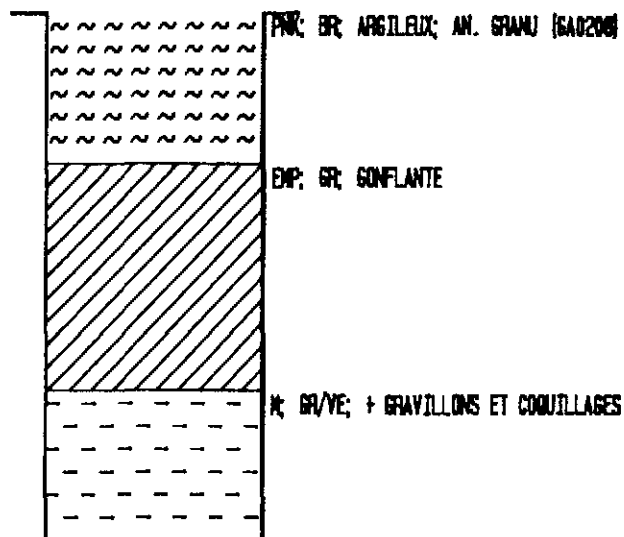


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	1
	SILT	2
	SA. FIN	3
	SA. MOY.	4
	SA. GROS.	5
	GRAV. FIN	6
	GRAV. MOY.	7
	GRAV. GROS.	8
	SA. DUNAIRE	9
	SA. GRAVIL.	10
	GRES/SABLE	11
	GRES/SA/CALC	12
	CALCAIRE	13
	GRES FER.	14
	SA. COQUIL.	15
	MARNE	16
	SOL ORGAN.	17
	LATERITE	
	SCHISTE	

SCALE IN M

GA0209



PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 1D

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE GA0209

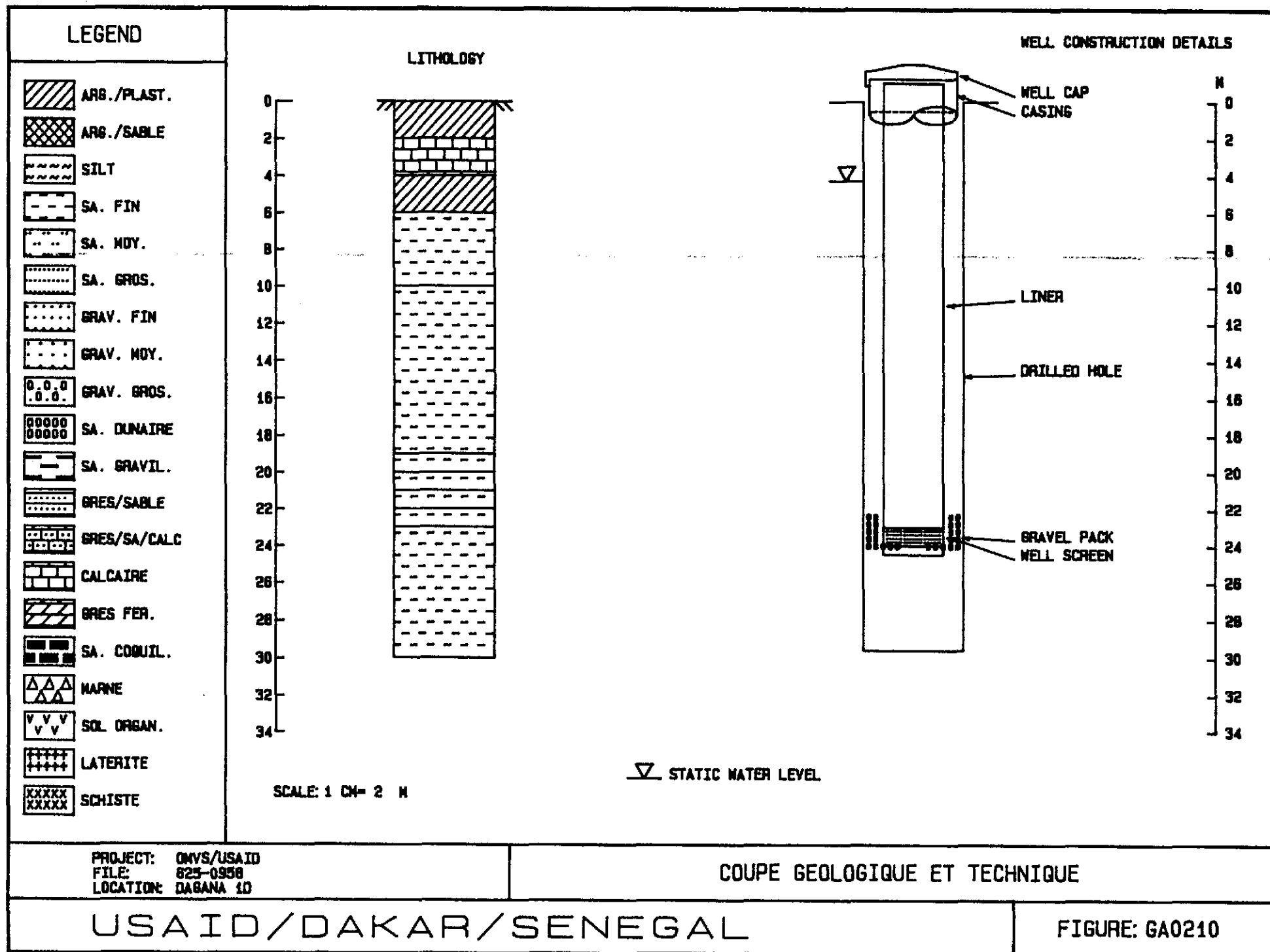
WELL LITHOLOGY

PROJECT: OMVS/USAID
LOCATION: DAGANA 1D
WELL NO.: GA0209
DRILLER: SAFOR

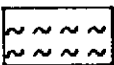
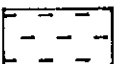
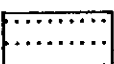
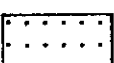
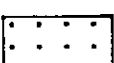
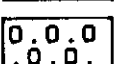
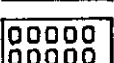
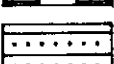
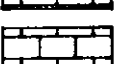
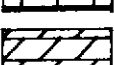
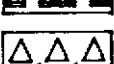
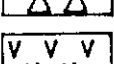
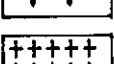
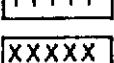
FILE NO.: 625-0958
ELEVATION (M): 2.249
DATE DRILLED: 27/05/87
TYPE OF RIG: ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	2.00	2.25	0.25	2.00	SILT, PMK; BR; ARGILEUX;
2.00	5.00	0.25	-2.75	3.00	ARG./PLAST., EMP; GR; GO
5.00	7.00	-2.75	-4.75	2.00	SA. FIN, M; GR/VE; + GRA

USAID/DAKAR/SENEGAL

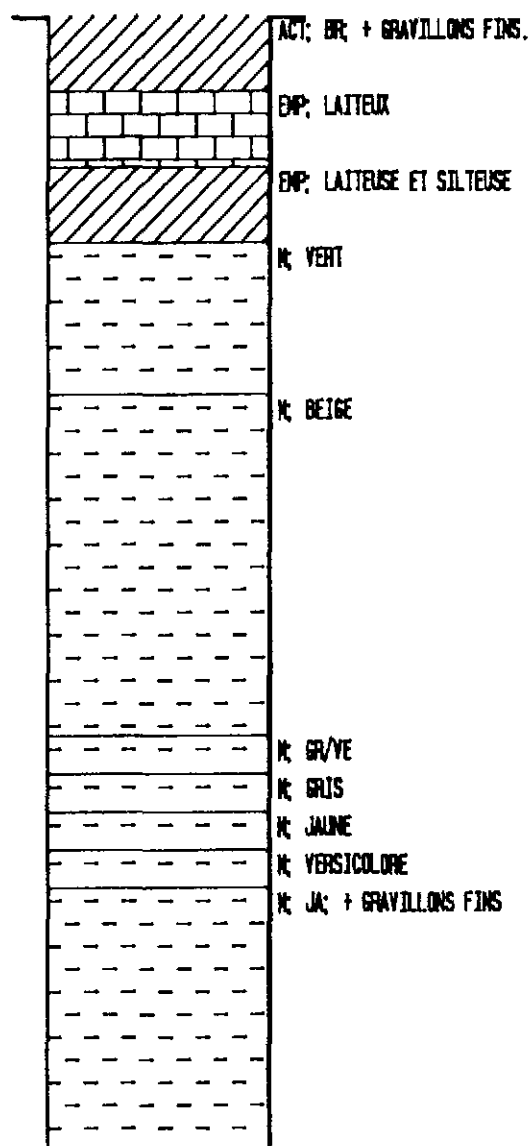


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	2
	SILT	4
	SA. FIN	6
	SA. MOY.	8
	SA. GROS.	10
	GRAV. FIN	12
	GRAV. MOY.	14
	GRAV. GROS.	16
	SA. DUNAIRE	18
	SA. GRAVIL.	20
	GRES/SABLE	22
	GRES/SA/CALC	24
	CALCAIRE	26
	GRES FER.	28
	SA. COQUIL.	30
	MARNE	32
	SOL ORGAN.	34
	LATERITE	
	SCHISTE	

SCALE IN M

GA0210

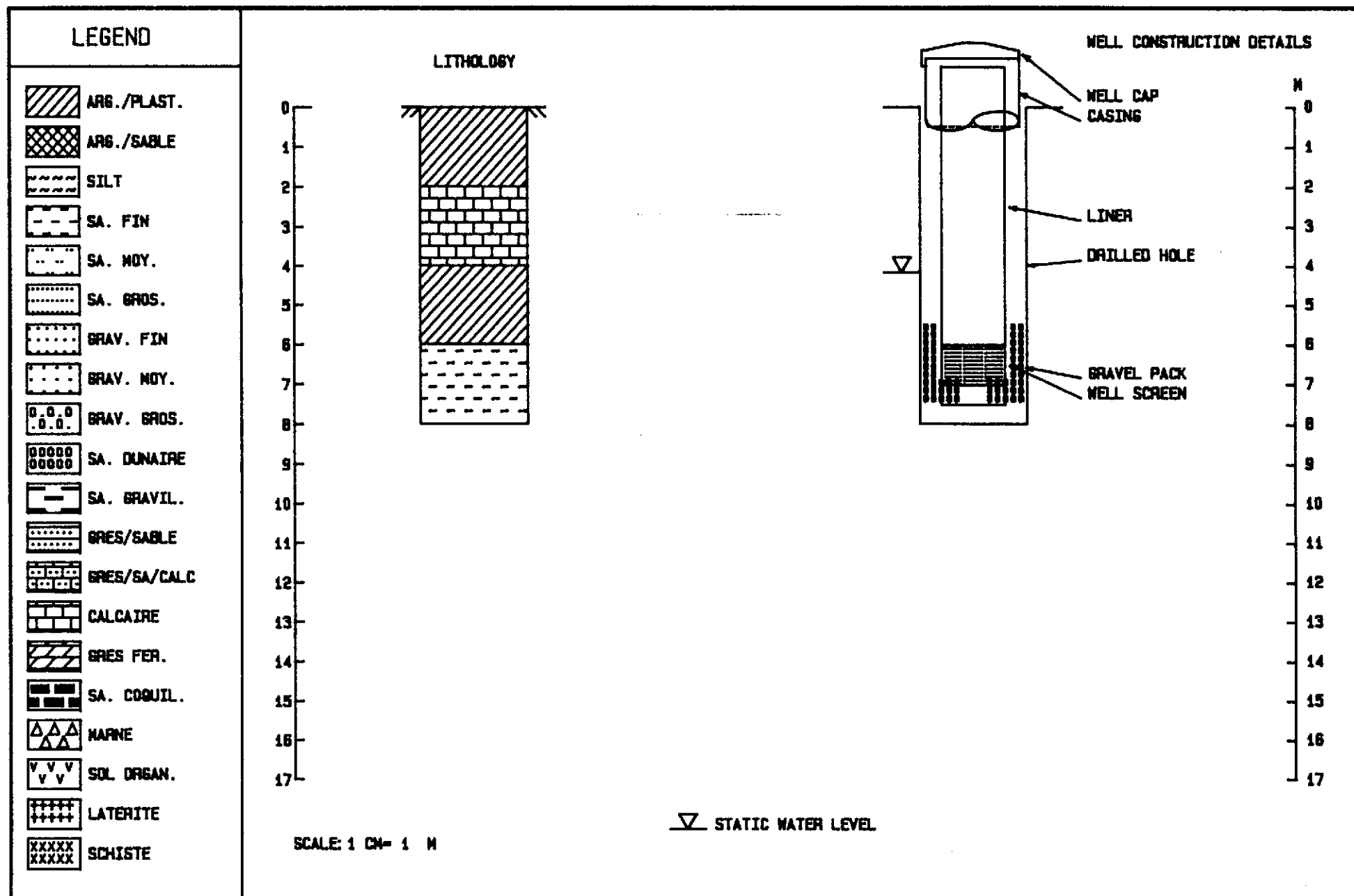


PROJECT: OMVS/USAID
 FILE: 625-0958
 LOCATION: DAGANA 1D

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE GA0210



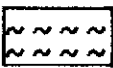
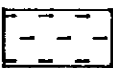
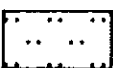
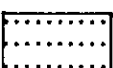
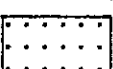
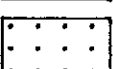
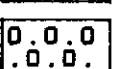
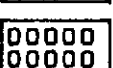
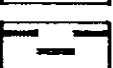
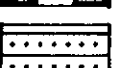
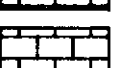
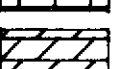
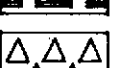
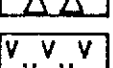
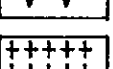
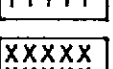
PROJECT: OMVS/USAID
 FILE: 825-0958
 LOCATION: DAKARA 10

COUPE GEOLOGIQUE ET TECHNIQUE

USAID/DAKAR/SENEGAL

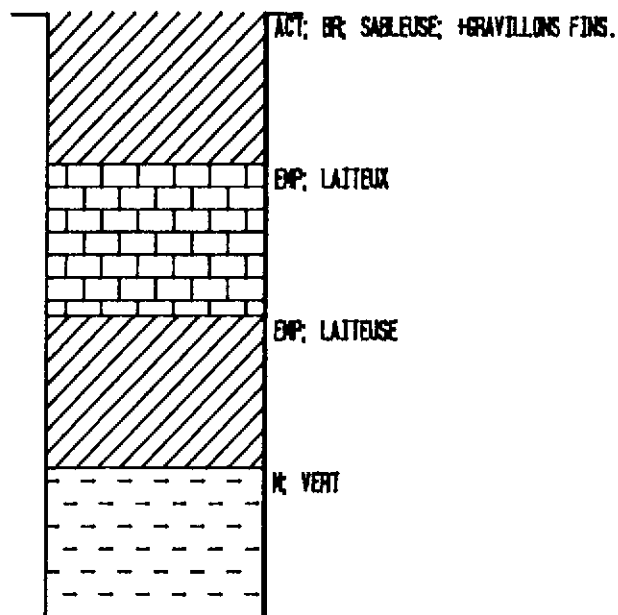
FIGURE: GA0211

LEGEND

	ARG./PLAST.	0
	ARG./SABLE	1
	SILT	2
	SA. FIN	3
	SA. MOY.	4
	SA. GROS.	5
	GRAV. FIN	6
	GRAV. MOY.	7
	GRAV. GROS.	8
	SA. DUNAIRE	9
	SA. GRAVIL.	10
	GRES/SABLE	11
	GRES/SA/CALC	12
	CALCAIRE	13
	GRES FER.	14
	SA. COQUIL.	15
	MARNE	16
	SOL ORGAN.	17
	LATERITE	
	SCHISTE	

SCALE IN M

GA0211



PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 1D

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE GA0211

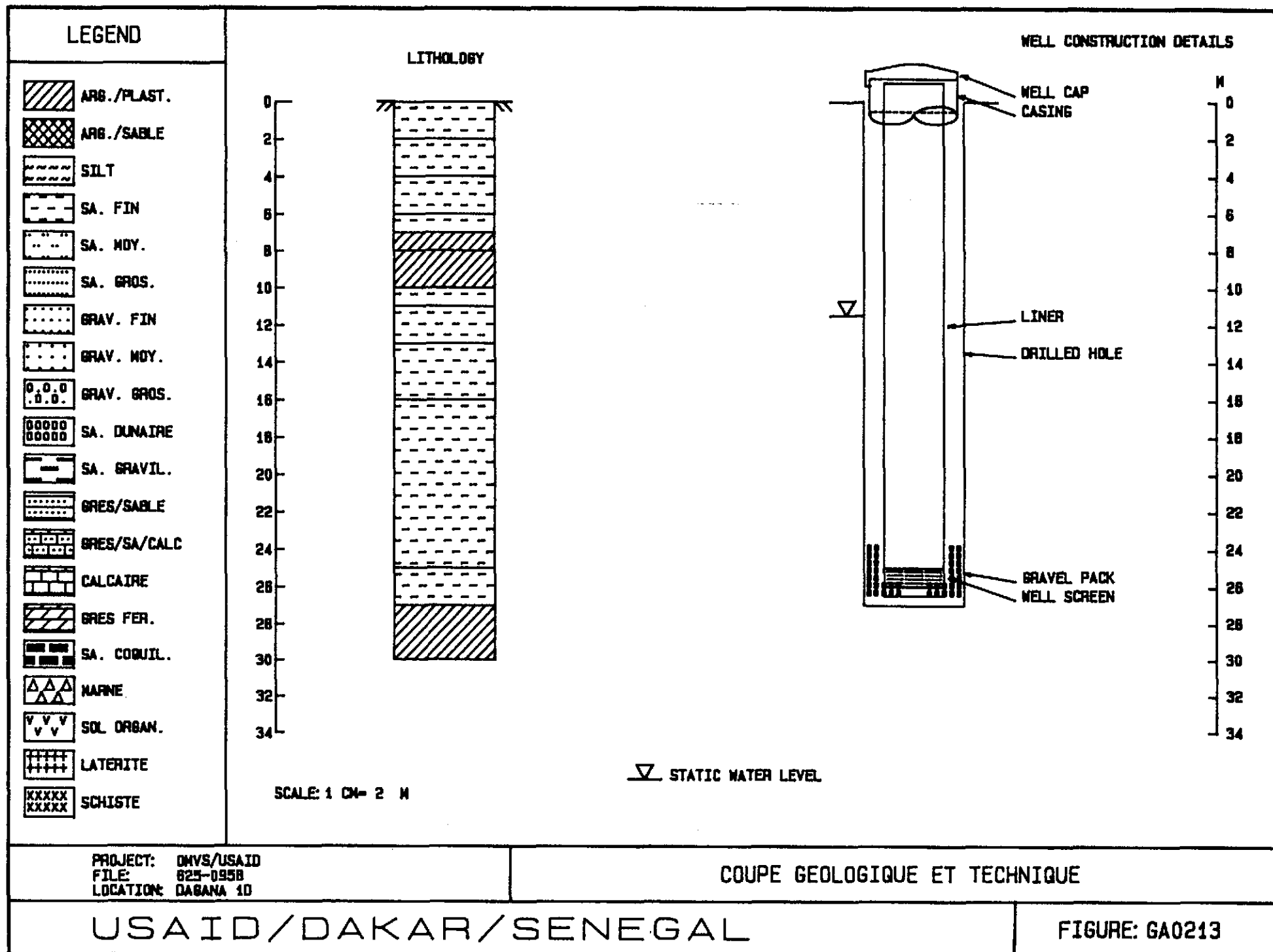
WELL LITHOLOGY

PROJECT: OMVS/USAID
LOCATION: DAGANA 1D
WELL NO.: GA0211
DRILLER: SAFOR

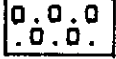
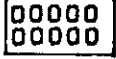
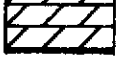
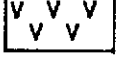
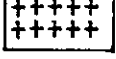
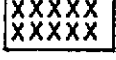
FILE NO.: 625-0958
ELEVATION (M): 3.983
DATE DRILLED: 28/05/87
TYPE OF RIG: ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	2.00	3.98	1.98	2.00	ARG./PLAST., ACT; BR; SA
2.00	4.00	1.98	-0.02	2.00	CALCAIRE, EMP; LAITEUX
4.00	6.00	-0.02	-2.02	2.00	ARG./PLAST., EMP; LAITEU
6.00	8.00	-2.02	-4.02	2.00	SA. FIN, M; VERT

USAID/DAKAR/SENEGAL

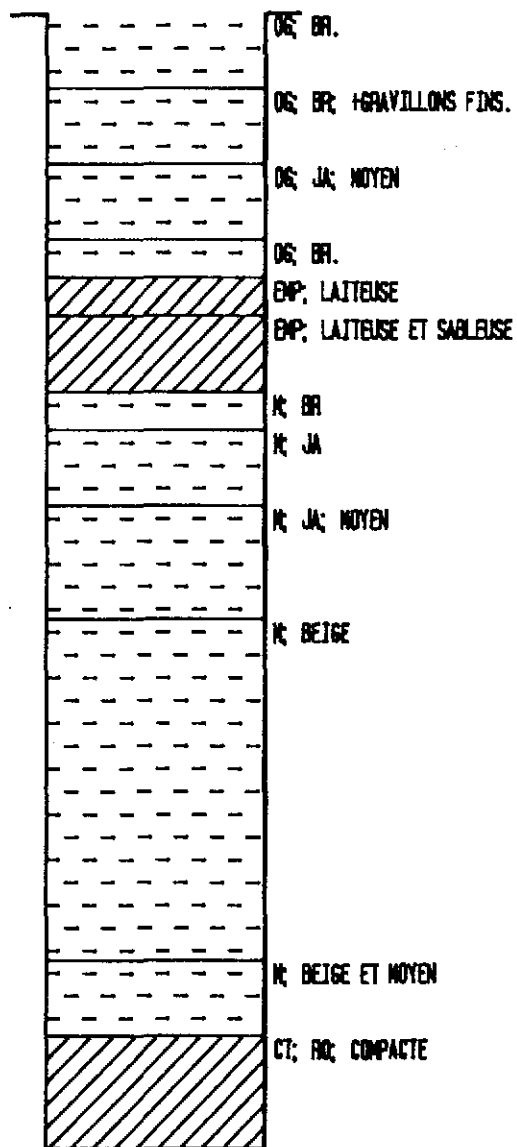


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	2
	SILT	4
	SA. FIN	6
	SA. MOY.	8
	SA. GROS.	10
	GRAV. FIN	12
	GRAV. MOY.	14
	GRAV. GROS.	16
	SA. DUNAIRE	18
	SA. GRAVIL.	20
	GRES/SABLE	22
	GRES/SA/CALC	24
	CALCAIRE	26
	GRES FER.	28
	SA. COQUIL.	30
	MARNE	32
	SOL ORGAN.	34
	LATERITE	
	SCHISTE	

SCALE IN M

GA0213



PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 1D

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE GA0213

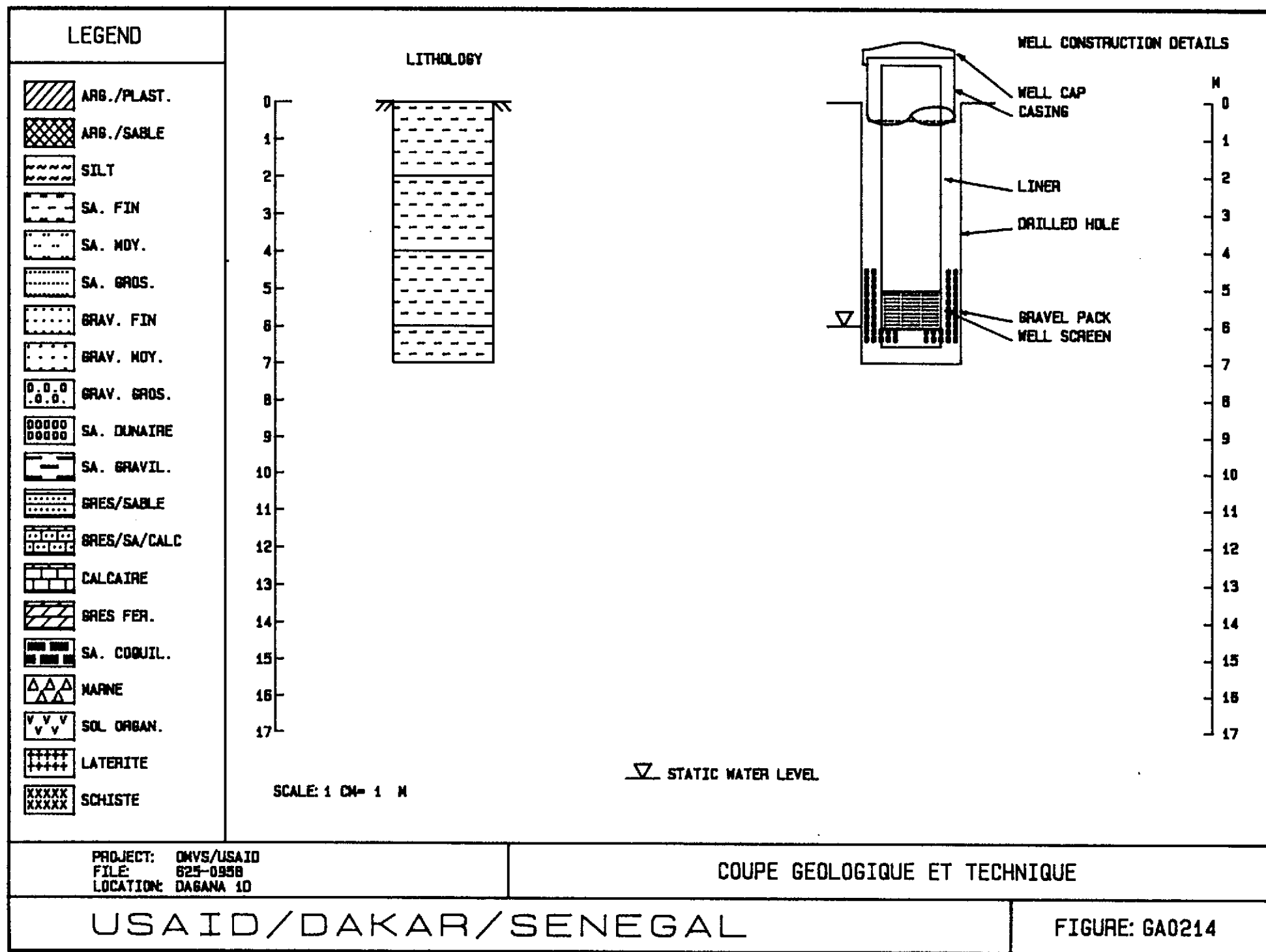
WELL LITHOLOGY

PROJECT:OMVS/USAID
LOCATION:DAGANA 1D
WELL NO.:GA0213
DRILLER:SAFOR

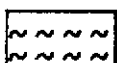
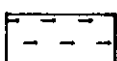
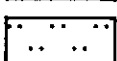
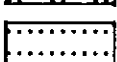
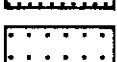
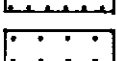
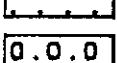
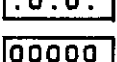
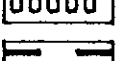
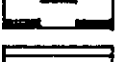
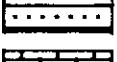
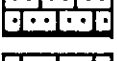
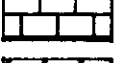
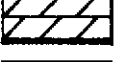
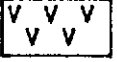
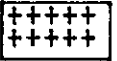
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ELEVATION (M): 10.281
DATE DRILLED:28/05/87
TYPE OF RIG:ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	2.00	10.28	8.28	2.00	SA. FIN,OG; BR.
2.00	4.00	8.28	6.28	2.00	SA. FIN,OG; BR; +GRAVIL
4.00	6.00	6.28	4.28	2.00	SA. FIN,OG; JA; MOYEN
6.00	7.00	4.28	3.28	1.00	SA. FIN,OG; BR.
7.00	8.00	3.28	2.28	1.00	ARG./PLAST.,EMP; LAITEU
8.00	10.00	2.28	0.28	2.00	ARG./PLAST.,EMP; LAITEU
10.00	11.00	0.28	-0.72	1.00	SA. FIN,M; BR
11.00	13.00	-0.72	-2.72	2.00	SA. FIN,M; JA
13.00	16.00	-2.72	-5.72	3.00	SA. FIN,M; JA; MOYEN
16.00	25.00	-5.72	-14.72	9.00	SA. FIN,M; BEIGE
25.00	27.00	-14.72	-16.72	2.00	SA. FIN,M; BEIGE ET MOY
27.00	30.00	-16.72	-19.72	3.00	ARG./PLAST.,CT; RO; COM

USAID/DAKAR/SENEGAL

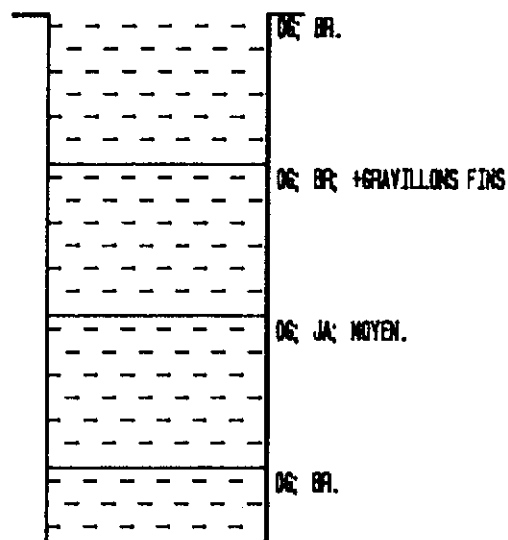


LEGEND

	ARG./PLAST.	0
	ARG./SABLE	1
	SILT	2
	SA. FIN	3
	SA. MOY.	4
	SA. GROS.	5
	GRAV. FIN	6
	GRAV. MOY.	7
	GRAV. GROS.	8
	SA. DUNAIRE	9
	SA. GRAVIL.	10
	GRES/SABLE	11
	GRES/SA/CALC	12
	CALCAIRE	13
	GRES FER.	14
	SA. COQUIL.	15
	MARNE	16
	SOL ORGAN.	17
	LATERITE	
	SCHISTE	

SCALE IN M

GA0214



PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 10

LITHOLOGY

USAID/DAKAR/SENEGAL

FIGURE GA0214

WELL LITHOLOGY

PROJECT: OMVS/USAID
 LOCATION: DAGANA 1D
 WELL NO.: GA0214
 DRILLER: SAFOR

FILE NO.: 625-0958
 ELEVATION (M): 10.29
 DATE DRILLED: 28/05/87
 TYPE OF RIG: ROTARY

DEPTH (M)		ELEVATION (M)		THICKNESS (M)	LITHOLOGY
FROM	TO	FROM	TO		
0.00	2.00	10.29	8.29	2.00	SA. FIN, OG; BR.
2.00	4.00	8.29	6.29	2.00	SA. FIN, OG; BR; +GRAVIL
4.00	6.00	6.29	4.29	2.00	SA. FIN, OG; JA; MOYEN.
6.00	7.00	4.29	3.29	1.00	SA. FIN, OG; BR.

USAID/DAKAR/SENEGAL

ORGANISATION POUR LA MISE EN VALEUR DU FLEUVE SENEGAL OMVS
DIRECTION DES INFRASTRUCTURES REGIONALES DIR
CELLULE EAUX SOUTERRAINES
PROJET OMVS/USAID 625-0958

REPERTOIRE HYDROGEOLOGIQUE

CARTE TOPOGRAPHIQUE 1:50,000

07 DAGANA 1D

ANNEXE # 2

ANALYSES GRANULOMETRIQUES

- * Résultats des analyses granulométriques
- * Courbes granulométriques

PROJET OMVS/USAID
625-0958

CARTE TOPOGRAPHIQUE 1/50.000:

Dagana 10

RESULTATS DES ANALYSES GRANULOMETRIQUES

Responsable des prélèvements: SAFOR

Responsable des analyses: SAED/ Laboratoire de ROSS- BETHIO

Fichier: GRANULO.FIC

Page .1. de .3.

PIEZO #	HORIZON B1/B2	% POIDS/ CLASSE GRANULOMETRIQUE					% POIDS TOTAL
		ARGILE	LIMON FIN	LIMON GROSSIER	SABLE FIN	SABLE GROSSIER	
DA Ø 81	B2	Ø	22,12	3,Ø7	11,59	61,68	98,46
DA Ø 83	B2	12,85	33,7Ø	2,86	25,Ø2	36,75	111,18
DA Ø 83	15m	28,17	44,17	15,39	9,24	1,39	98,36
DA Ø 83	5m	Ø	27,11	3,48	1Ø,91	56,91	98,41
DA Ø 83	36m	Ø	9,66	1,67	63,77	23,53	98,63
DA Ø 83	2Øm	Ø	9,Ø3	2,74	44,95	41,7Ø	98,42
DA Ø 83	3Øm	Ø	16,89	1,62	8,4Ø	71,49	98,4
DA Ø 83	B3-15m	28,17	44,17	15,39	9,24	1,39	98,36
DA Ø 83	B3-5m	Ø	27,11	3,48	1Ø,91	56,91	98,41
DA Ø 83	B3-36m	Ø	9,66	1,67	63,77	23,53	98,63
DA Ø 83	B3-2Øm	Ø	9,Ø3	2,74	44,95	41,7Ø	98,42
DA Ø 83.	B3-3Øm	Ø	16,89	1,62	8,4Ø	71,49	98,4
DA Ø 83	B3-4Øm	12,ØØ	2Ø,1Ø	1,77	2Ø,16	44,37	98,4
DA Ø 83	B3-1Øm	2,ØØ	47,Ø2	22,11	26,69	Ø,81	98,63
DA Ø 85	Surface	42	38	6,52	12,78	Ø,7Ø	1ØØ
DA Ø 85	B2	Ø	Ø	5,67	46,25	46,78	98,7
DA Ø 85	B2	15,24	15,24	4,17	22,Ø1	4Ø,ØØ	96,66

CARTE TOPOGRAPHIQUE 1/50.000:

Dagana 1 D

RESULTATS DES ANALYSES GRANULOMETRIQUES

Responsable des prélèvements: SAFOR

Responsable des analyses: SAED/ Laboratoire de ROSS- BETHIO

Fichier: GRANULO.FIC

Page 2. de 3.

PIEZO #	HORIZON B1/B2	% POIDS/ CLASSE GRANULOMETRIQUE					% POIDS TOTAL
		ARGILE	LIMON FIN	LIMON GROSSIER	SABLE FIN	SABLE GROSSIER	
DA Ø 86	B2- 6m	13,54	41,54	13,21	28,71	1,38	98,38
GA 15Ø	B1	3Ø,58	46,58	9,89	1Ø,76	Ø,69	98,5
GA 15Ø	B2	4,ØØ	5,42	3,21	29,6Ø	56,17	98,4
GA 151	B2	4,12	8,Ø8	3,9Ø	1Ø,42	71,86	98,38
GA 152	B1	49,11	29,12	7,97	11,3Ø	Ø,9Ø	98,4
GA 152	B2	Ø	3,ØØ	1,34	6Ø,33	34,34	99,Ø1
GA 153	B1	55,98	31,98	4,27	5,63	Ø,86	98,72
GA 153	B2	4,ØØ	3,2Ø	7,97	36,42	46,87	98,46
GA 154	B1	12,37	4Ø,38	15,6Ø	29,41	Ø,96	98,72
GA 154	B2	6,88	14,88	4,86	3Ø,97	4Ø,82	98,41
GA 156	B1	3Ø,94	38,94	8,83	19,47	Ø,17	98,35
GA 156	B2	Ø	7,8Ø	3,57	26,61	6Ø,63	98,61
GA 158	B1	43,Ø4	31,Ø4	11,52	11,65	1,15	98,4
GA 158	B2	4,ØØ	7,58	3,76	26,17	56,87	98,38
GA 159	B2	13,Ø4	25,Ø4	11,83	33,76	14,79	98,46
GA 16Ø	B2	22,5Ø	26,5Ø	2,49	13,65	28,43	93,57
GA 161	B1	14,Ø4	18,Ø3	5,Ø2	36,7Ø	24,85	98,64

RESULTATS DES ANALYSES GRANULOMETRIQUES

Responsable des prélèvements: SAFOR

Responsable des analyses: SAED/ Laboratoire de ROSS- BETHIO

Fichier: GRANUL.FIC

Page 3. de 3.

[illegible]

RESEAU OMVS/USAID - CARTE TOPO 07-1D, INVENTAIRES DES ANALYSES GRANULOMETRIQUES DISPONIBLES PAGE 1

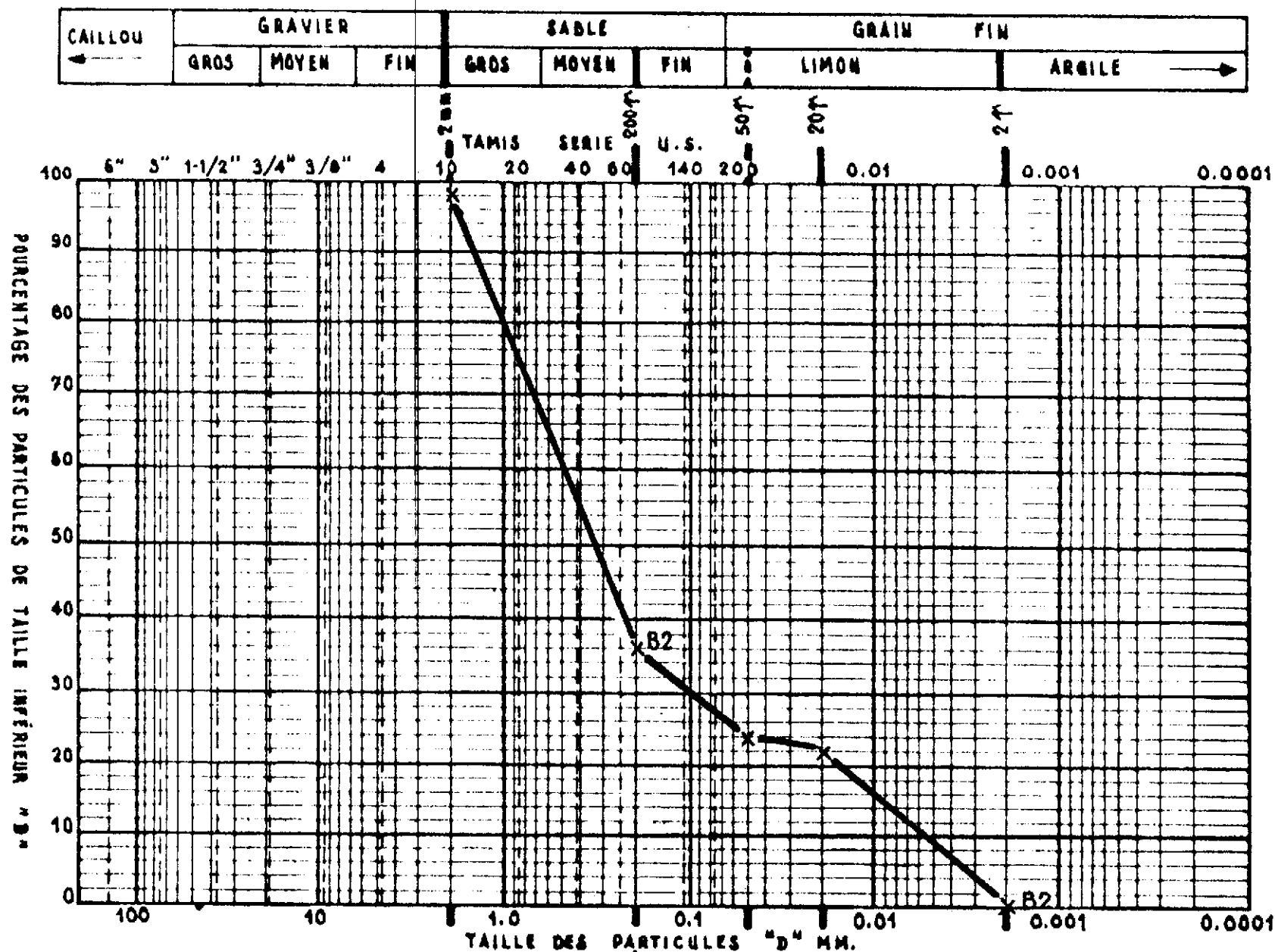
TOTAUX		18	40
PAYS	CARTE 1/200000	CODE D'IDENT.	PRIX 21
MAURITANIE	DAGANA	07-1D-DA081-HP	1 X
MAURITANIE	DAGANA	07-1D-DA083-LP	13 X Deux B2 existent avec des résultats identiques.
MAURITANIE	DAGANA	07-1D-DA085-LP	3 X
MAURITANIE	DAGANA	07-1D-DA086-LP	1 X
SENEGAL	DAGANA	07-1D-GA150-LP	2 X
SENEGAL	DAGANA	07-1D-GA151-LP	1 X
SENEGAL	DAGANA	07-1D-GA152-LP	2 X
SENEGAL	DAGANA	07-1D-GA153-LP	2 X
SENEGAL	DAGANA	07-1D-GA154-LP	2 X
SENEGAL	DAGANA	07-1D-GA156-LP	2 X
SENEGAL	DAGANA	07-1D-GA158-LP	2 X
SENEGAL	DAGANA	07-1D-GA159-LP	1 X
SENEGAL	DAGANA	07-1D-GA160-LP	1 X
SENEGAL	DAGANA	07-1D-GA161-LP	2 X
SENEGAL	DAGANA	07-1D-GA162-LP	1 X Deux résultats existent B1 et B2
SENEGAL	DAGANA	07-1D-GA208-LP	2 X
SENEGAL	DAGANA	07-1D-GA209-LP	1 X Les résultats ne figurent pas sur le bordereau.
SENEGAL	DAGANA	07-1D-GA214-HP	1 X

PAYS
 MAURITANIE

PIEZOMÈTRE N° 07 10 DA0084 HP
 COORDONNÉES (MTU) X: Y:

TYPE D'ÉCHANT. : OU M

COURBES GRANULOMÉTRIQUES



KB1 = .. N/R .. cm/sec KB2 = 3.6×10^{-5} cm/sec

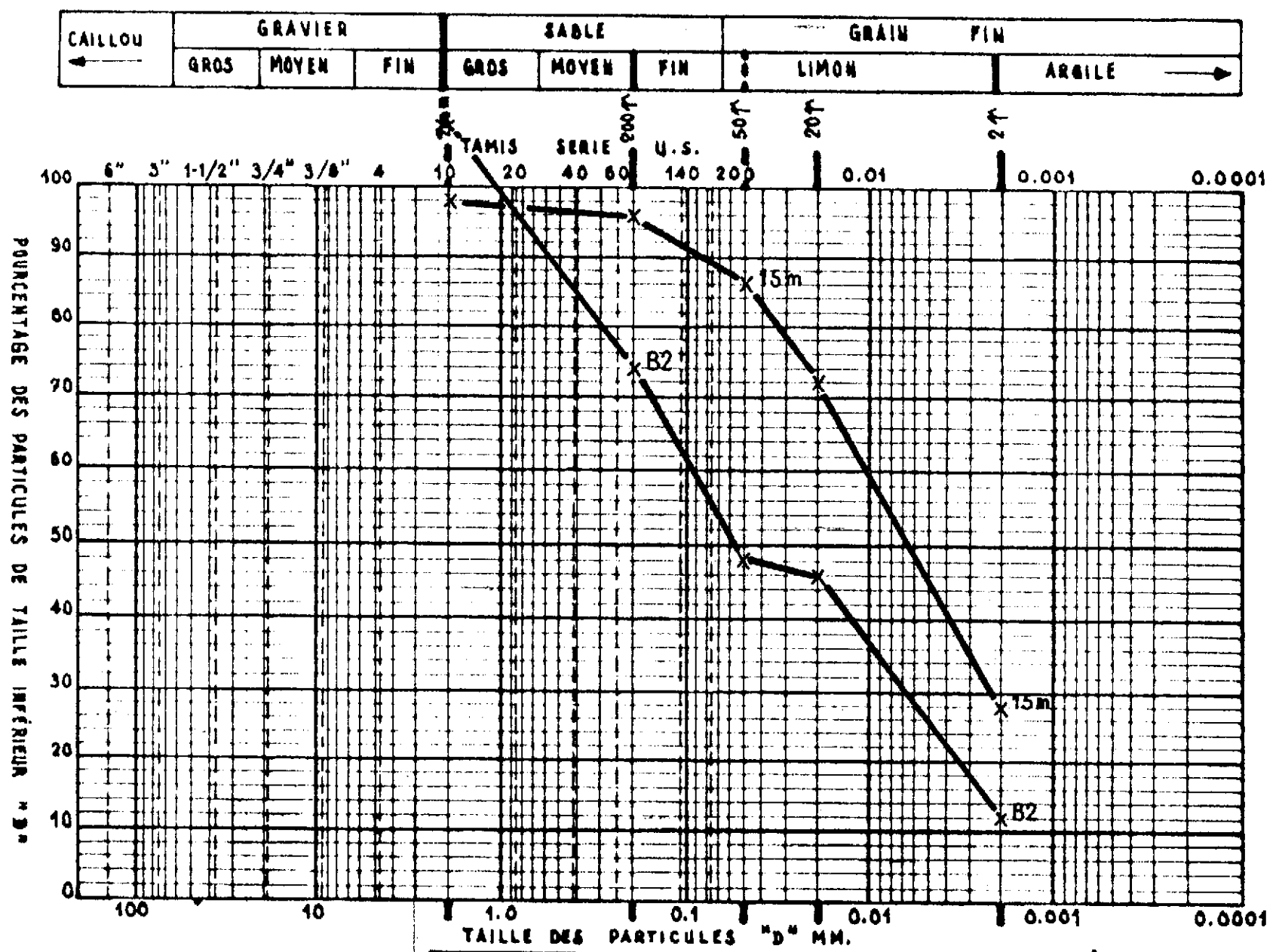
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PIEZOMETRE N° : 07 10 010813 LP

COORDONNEES (MTU) X : Y :

TYPE D'ECHANT. : OU m

COURBES GRANULOMETRIQUES



CLASSIFICATION M.I.T.

KB1 = cm/sec KB2 = .. N/A ... cm/sec

COURBES GRANULOMÉTRIQUES

TYPE D'ÉCHANT. : OU m

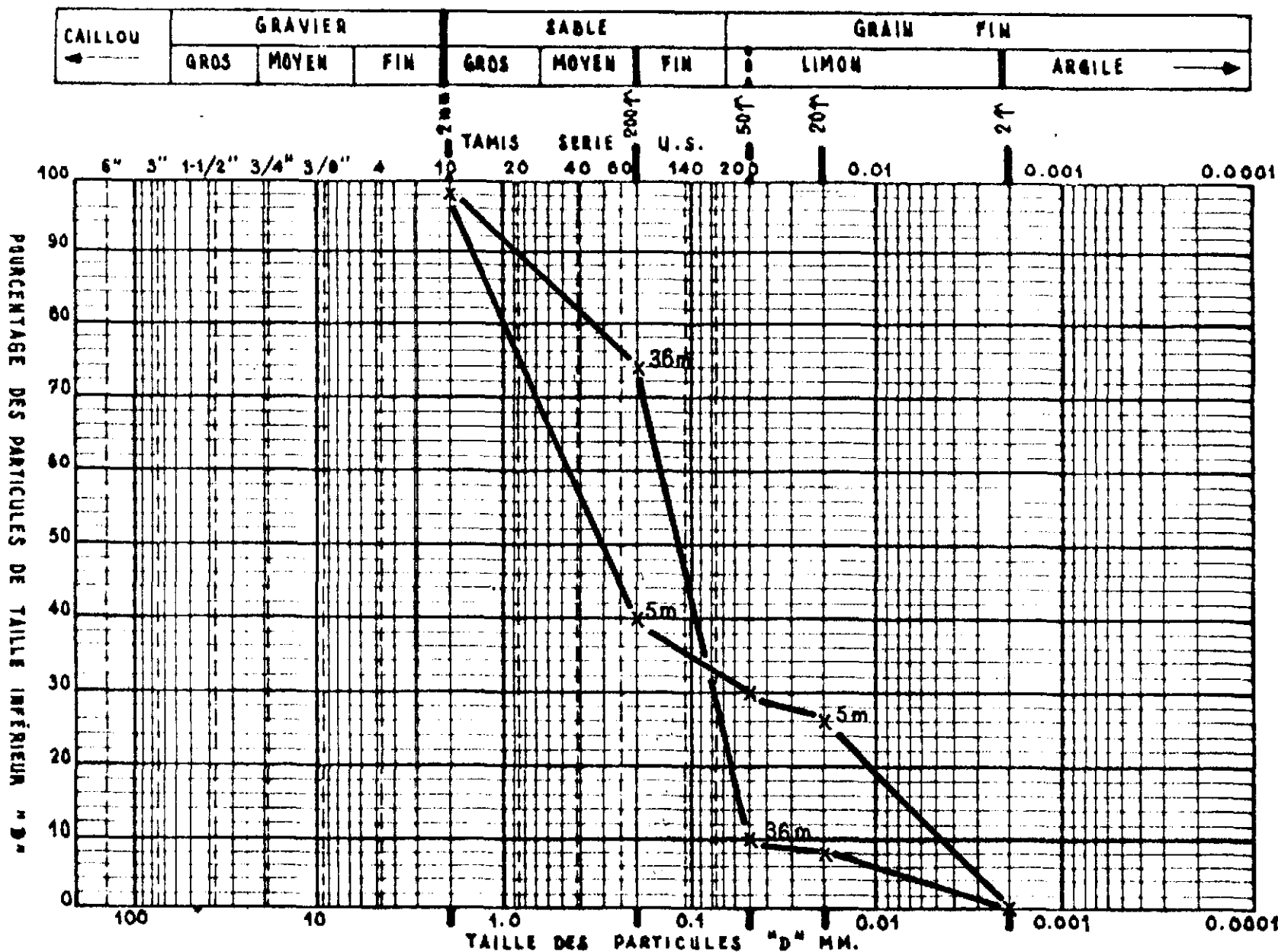
MAURITANIE

PAYS

COORDONNÉES (MTU) X: Y:

PIEZOMÈTRE N° 07 110 DIA 083 LIP

ORGANISATION POUR LA MISE EN VALEUR DU FLEUVE SÉNÉGAL (O.M.V.S.)
DIRECTION DE L'INFRASTRUCTURE RÉGIONALE (D.I.R.)
PROJET 625-0958/U.S.A.I.D



CLASSIFICATION M.I.T.

KB1 = cm/sec

KB2 = cm/sec

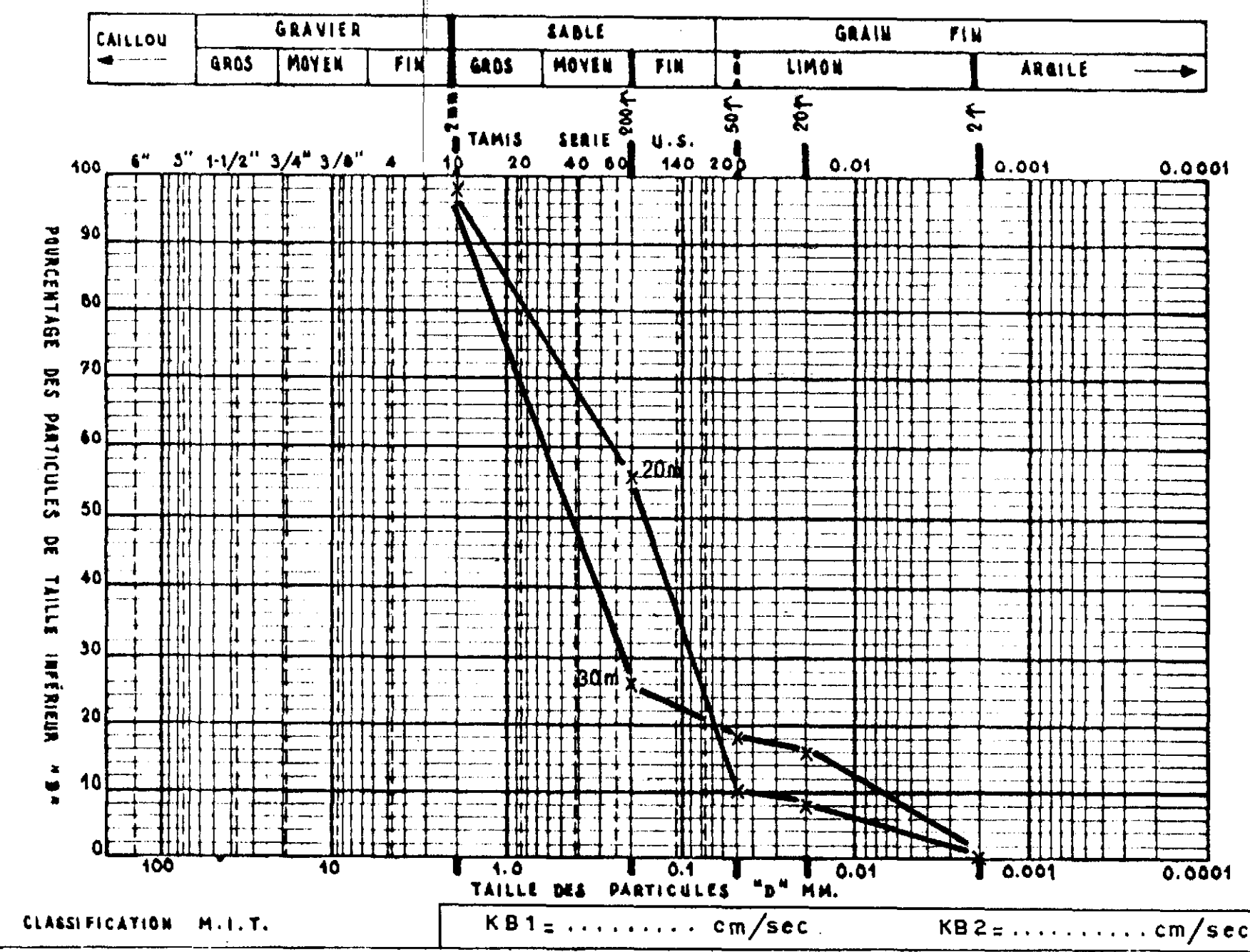
PAYS MAURITANIE

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COORDONNEES (MTU) X: Y:

TYPE D'ECHANT. : OU m

COURBES GRANULOMETRIQUES

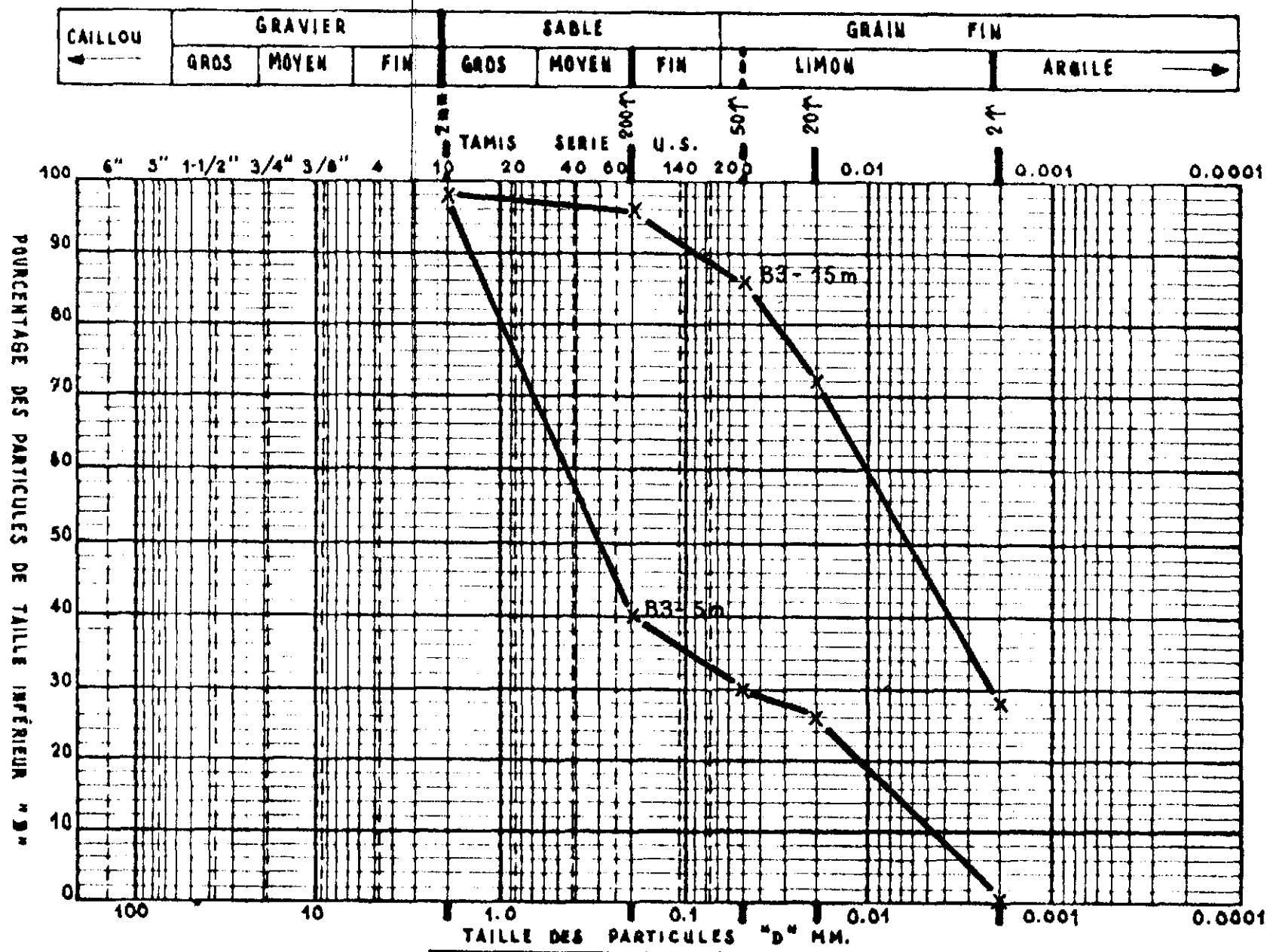


PAYS
MAURITANIE

PIEZOMÈTRE N° **017 110 D1A003 LP**
 COORDONNÉES (MTU) X: Y:

TYPE D'ÉCHANT. : OU m

COURBES GRANULOMÉTRIQUES



CLASSIFICATION M.I.T.

KB1 = cm/sec KB2 = cm/sec

COURBES GRANULOMETRIQUES

—TYPE D'ECHANT. : OU m

—MAURITANIE

PAYS

PIEZOMETRE N°

Ø 7

110

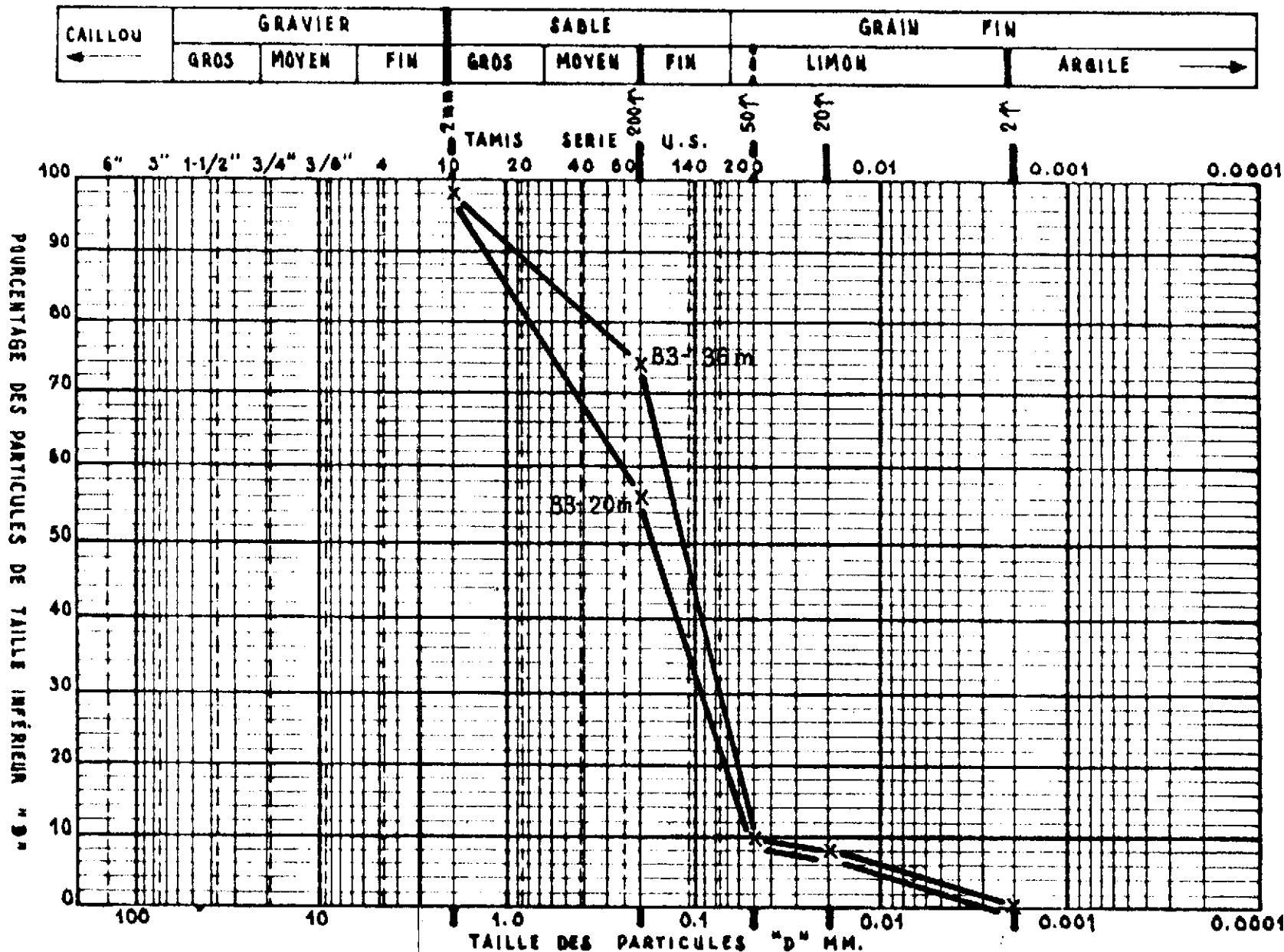
DAI 013

LP

COORDONNEES (MTU)

X:

Y:



CLASSIFICATION M.I.T.

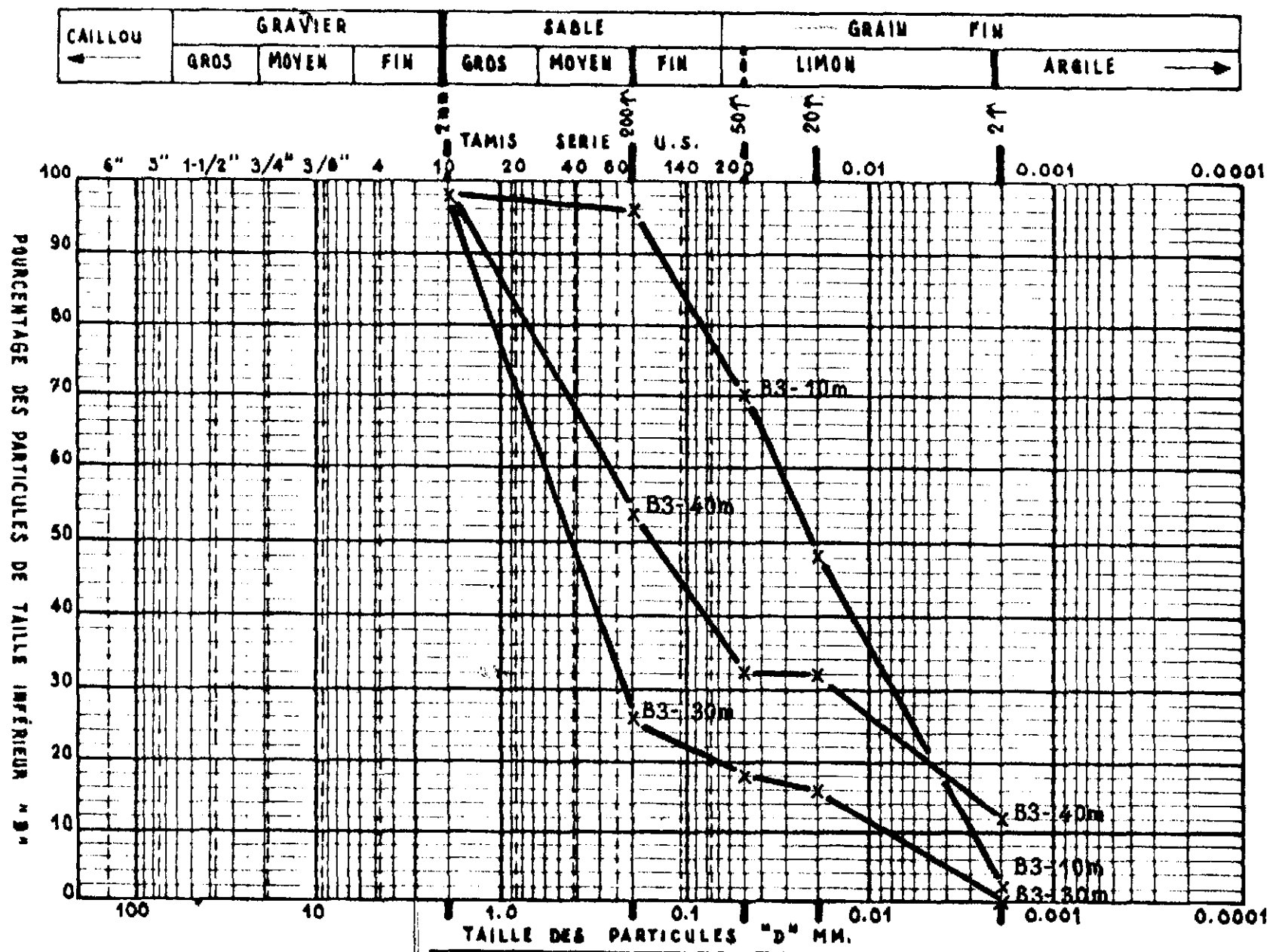
KB1 = cm/sec

KB2 = cm/sec

PAYS : MAURITANIE
 PIÉZOMÈTRE N° : 017 110 010 013 LP
 COORDONNÉES (MTU) X : Y :

TYPE D'ÉCHANT. : OU M

COURBES GRANULOMÉTRIQUES



CLASSIFICATION M.I.T.

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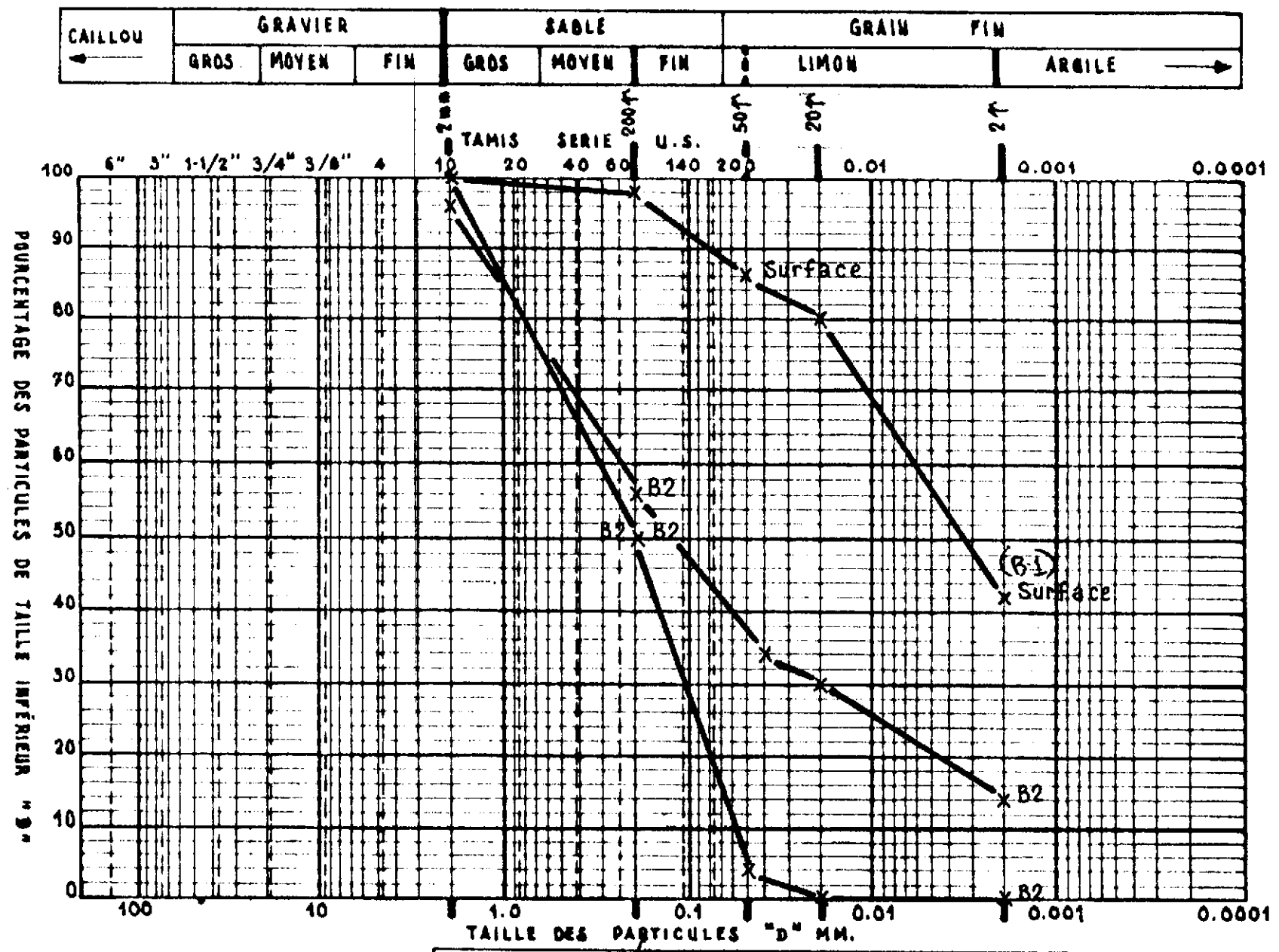
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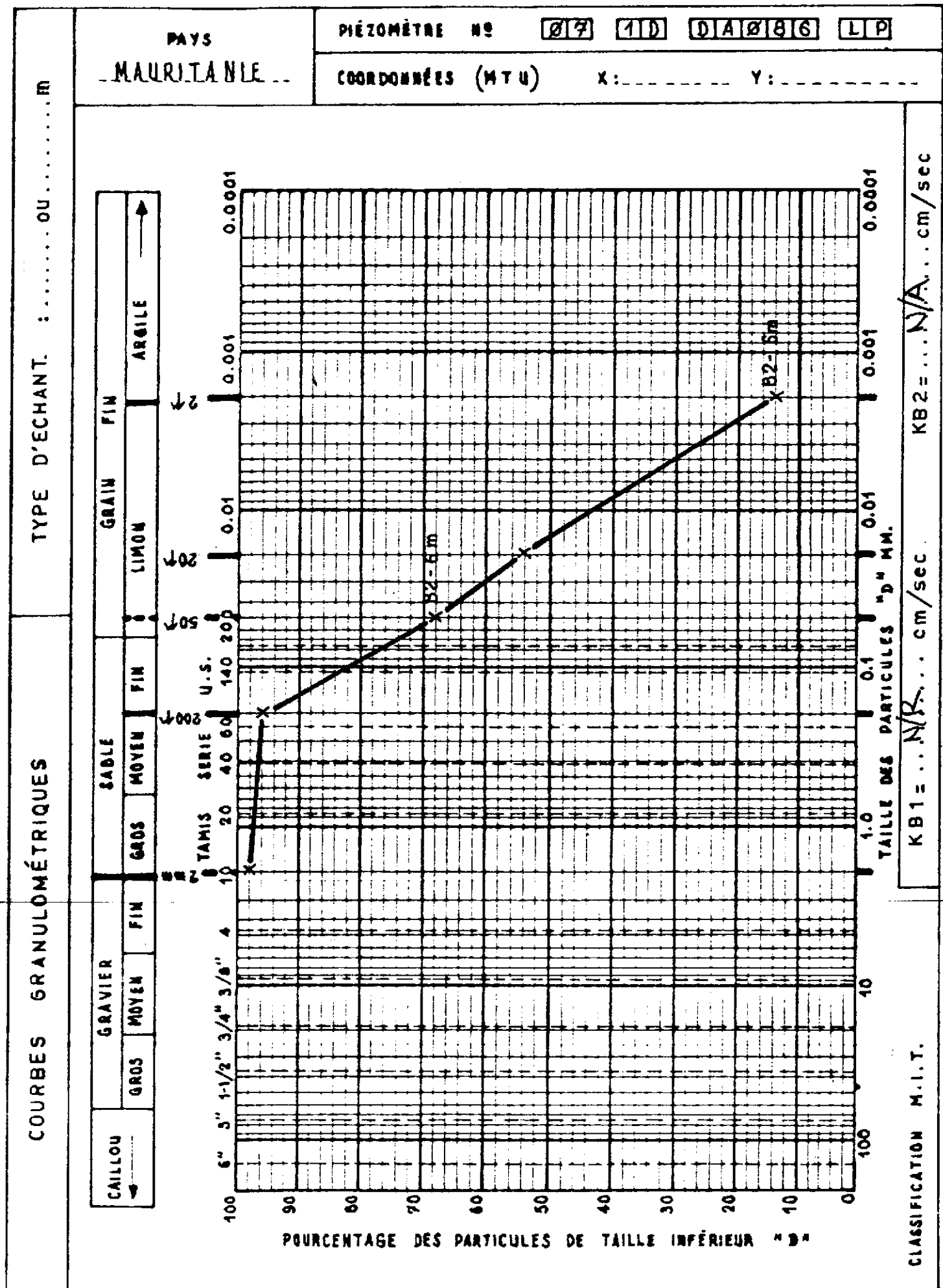
PIEZOMÈTRE N° : 07 1D DIA 015 LIP

COORDONNÉES (MTU) X : Y :

COURBES GRANULOMÉTRIQUES

TYPE D'ÉCHANT. : OU M

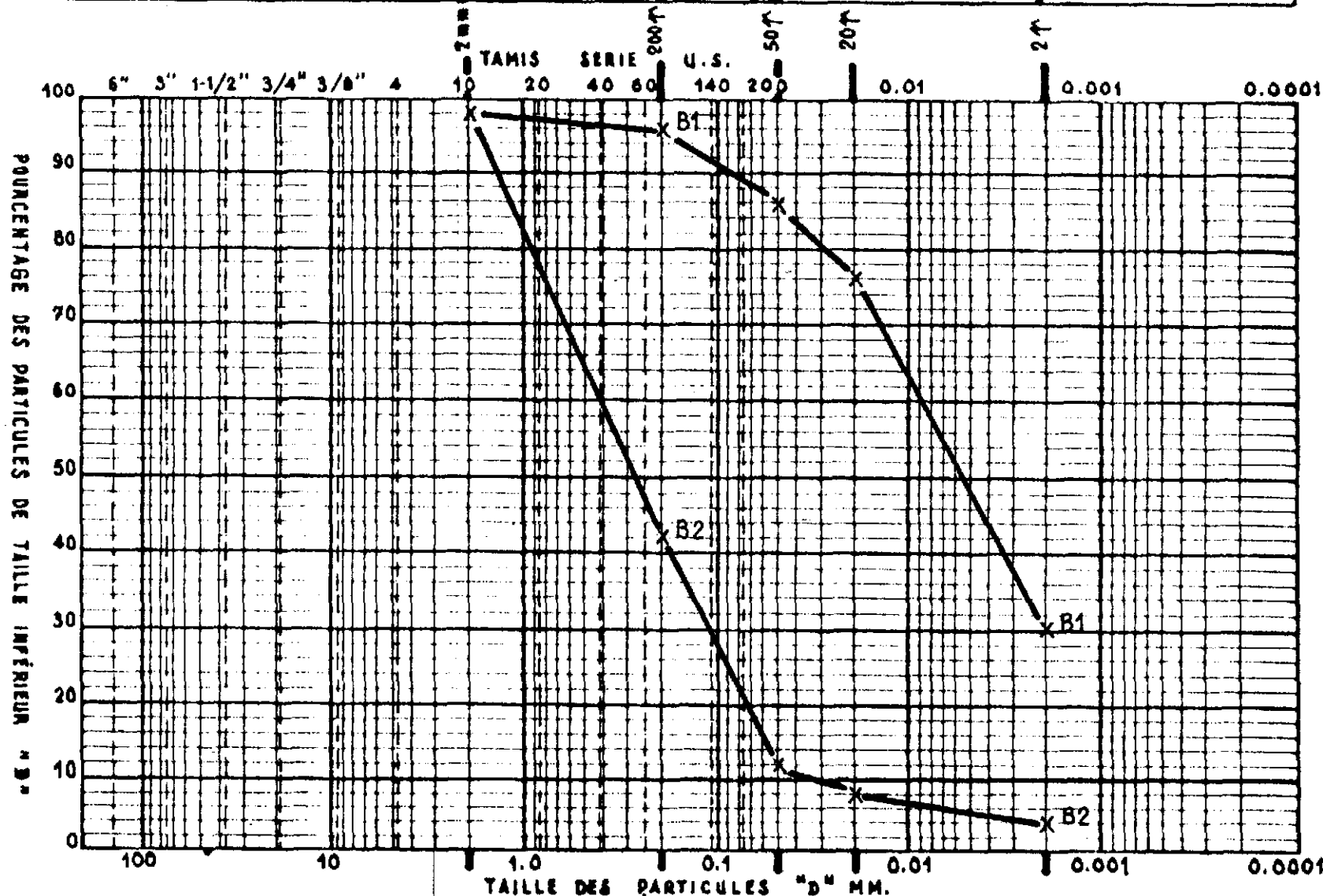




COURBES GRANULOMÉTRIQUES

TYPE D'ÉCHANT. : OU m

CAILLON	GRAVIER			SABLE			GRAIN FIN	
	GROS	MOYEN	FIN	GROS	MOYEN	FIN	LIMON	ARGILE



CLASSIFICATION M.I.T.

KB1 = N/A cm/sec

KB2 = 9.0×10^{-4} cm/sec

SENÉGAL

PAYS

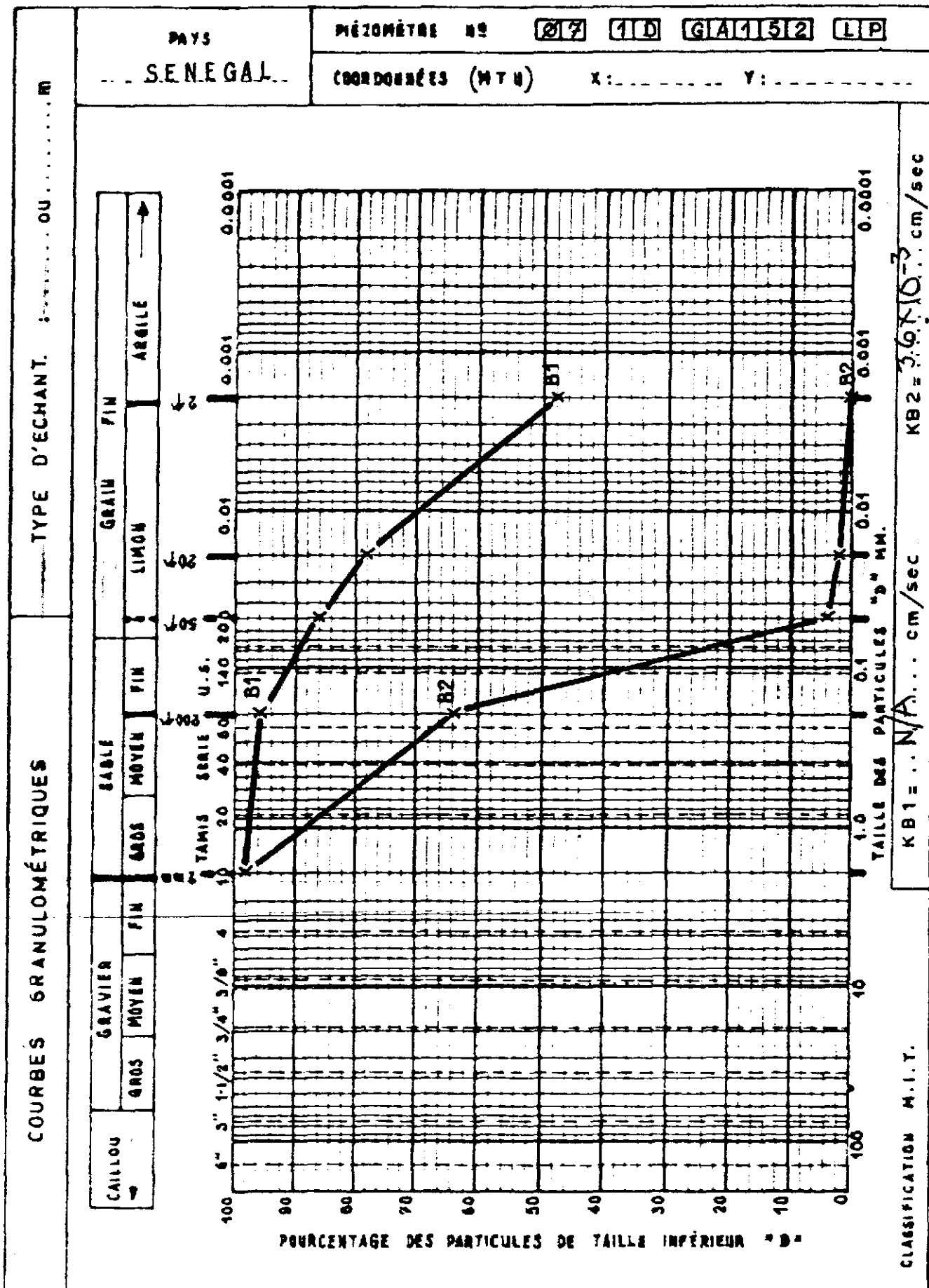
PIEZOMÈTRE N° 07 110 GATISSO LP

COORDONNÉES (MTU)

X: Y:

DIRECTION DE L'INFRASTRUCTURE RÉGIONALE (D.I.R.)
PROJET 625-0956 / U.S.A.I.D

[illegible]



COURBES GRANULOMÉTRIQUES

TYPE D'ECHANT. : OU m

SENÉGAL

PAYS

COORDONNÉES (MTU)

X : Y :

PIEZOMÈTRE N°

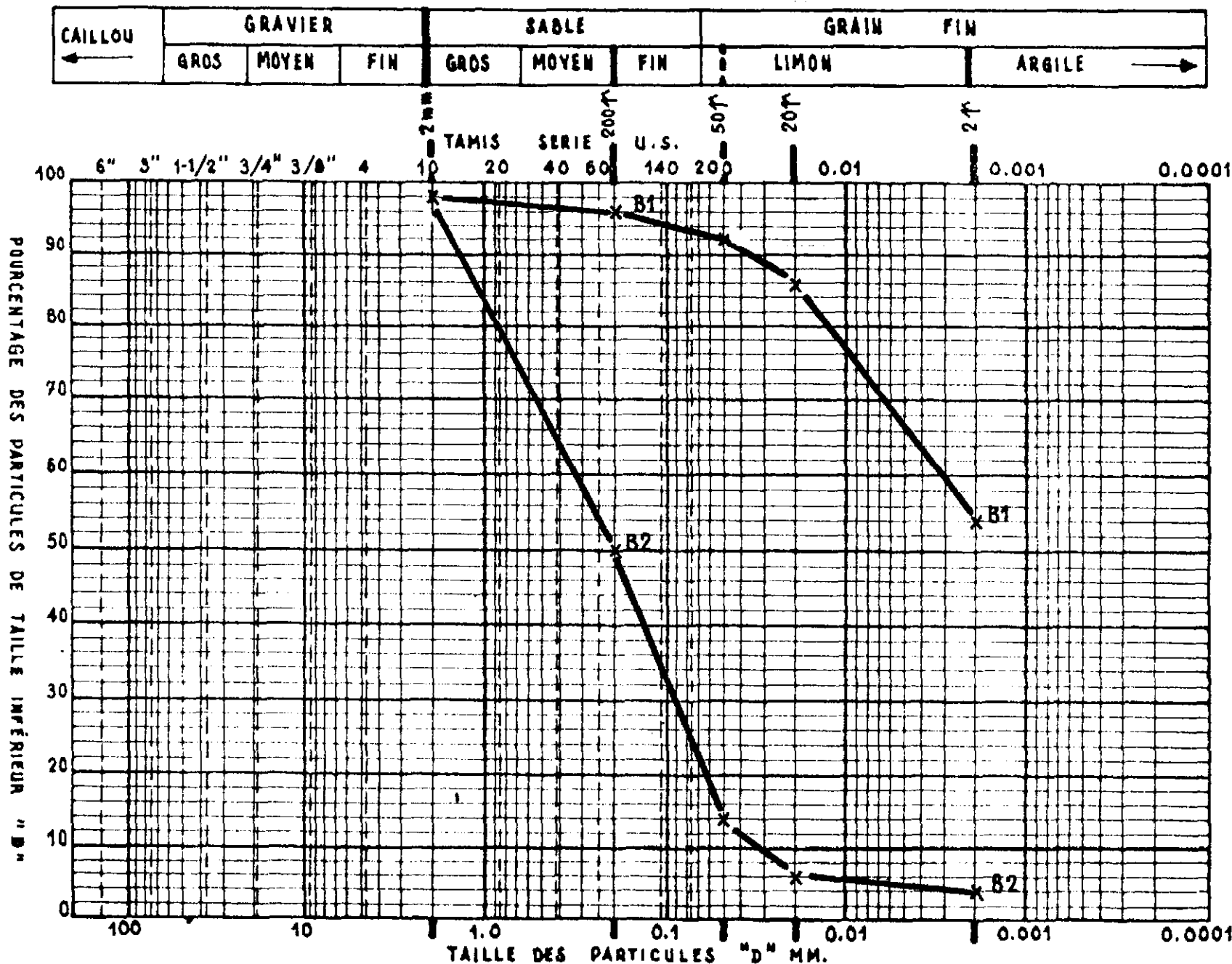
Ø 7

1 D

GA11513

LP

ORGANISATION POUR LA MISE EN VALEUR DU FLEUVE SÉNÉGAL (O.M.V.S.)
DIRECTION DE L'INFRASTRUCTURE RÉGIONALE (D.I.R.)
PROJET 625-0950/U.S.A.I.D.



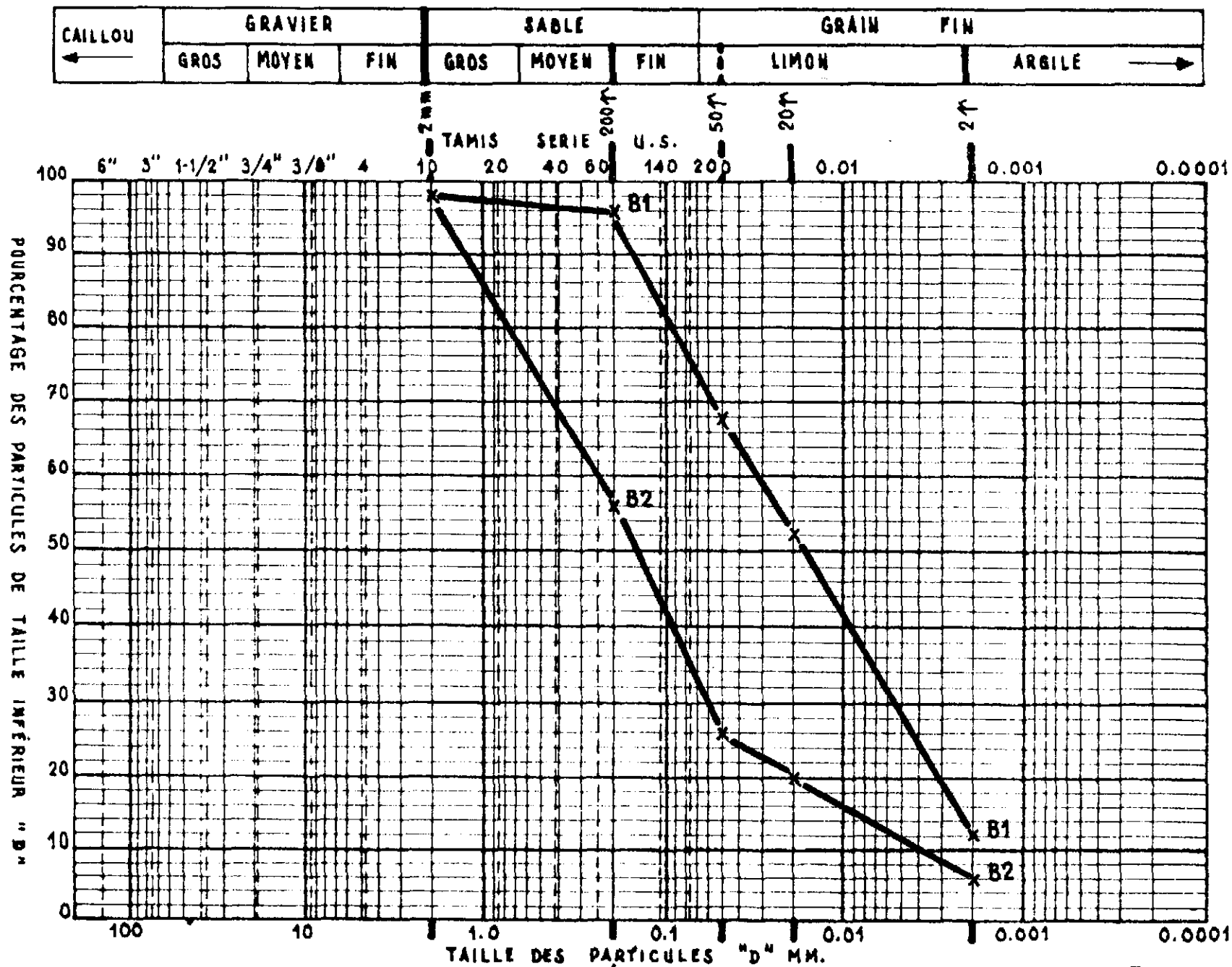
CLASSIFICATION M.I.T.

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KB2 = 9.0×10^{-4} cm/sec

TYPE D'ECHANT. :OU.....m

TYPE D'ECHANT. :OU.....m



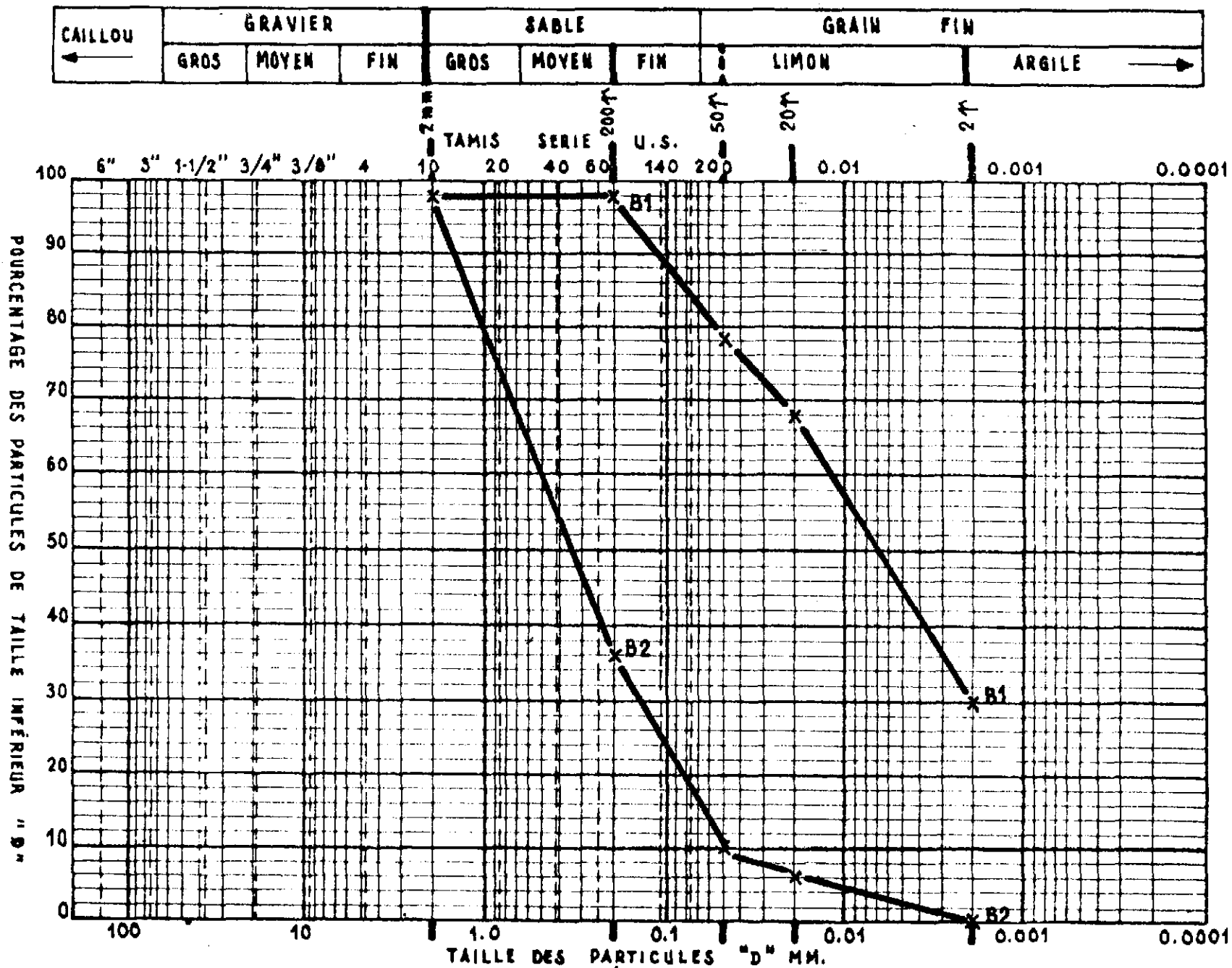
TYPE D'ECHANT. : ou m

TYPE D'ECHANT. : ou m

ORGANISATION POUR LA MISE EN VALEUR DU FLEUVE SÉNÉGAL (O.M.V.S)
DIRECTION DE L'INFRASTRUCTURE RÉGIONALE (D.I.R)
PROJET 625-0950/U.S.A.I.D

PAYS
SENEGAL

PIEZOMÉTRIE	N°	Ø	2	1	D	G	A	1	5	6	L	P	
COORDONNÉES (MTU)	X :	-----					Y :	-----					



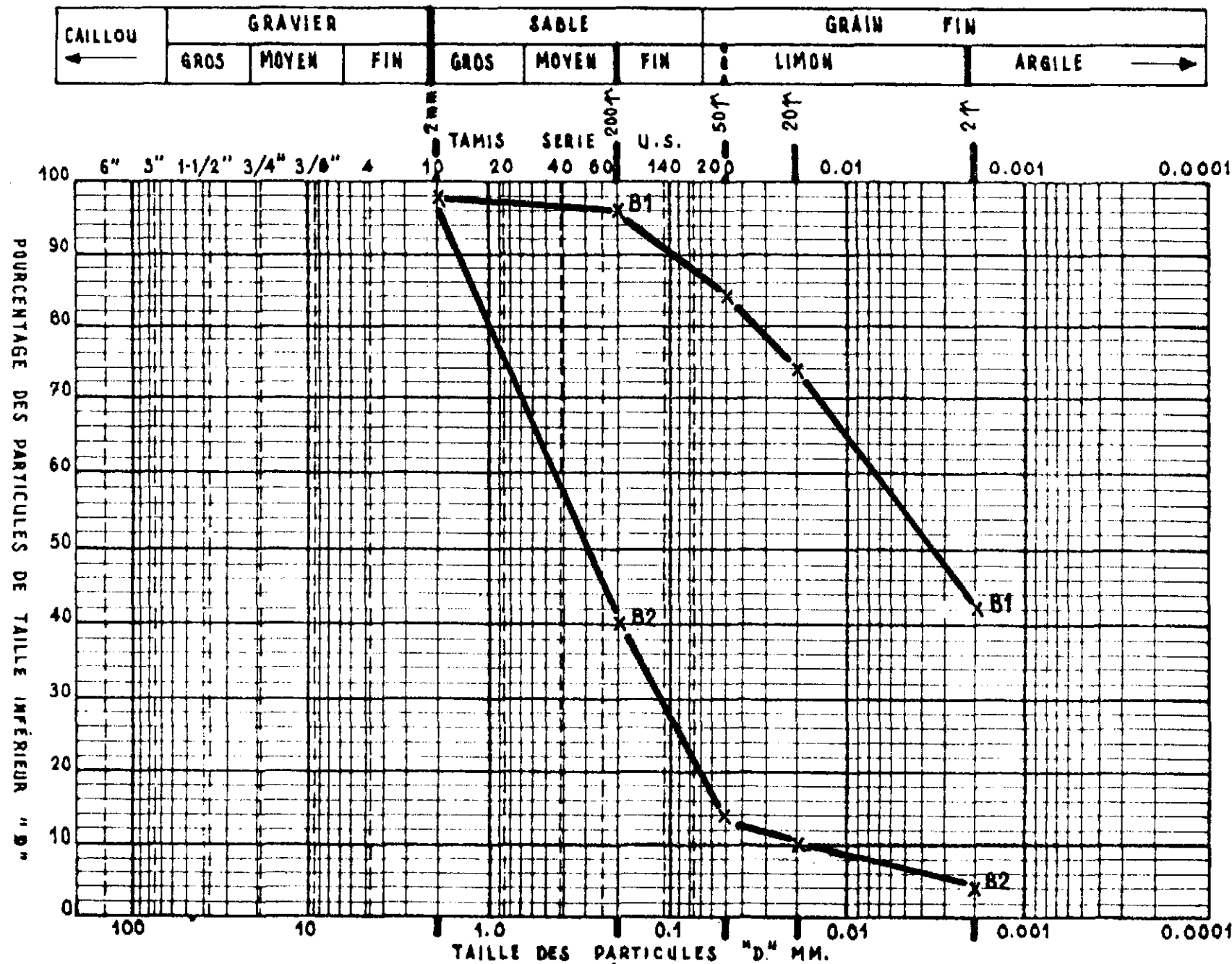
CLASSIFICATION M.I.T.

KB1 = ... N/A ... cm/sec

$$KB2 = 2.5 \times 10^{-3} \text{ cm/sec}$$

COURBES GRANULOMÉTRIQUES

TYPE D'ECHANT. : ou m



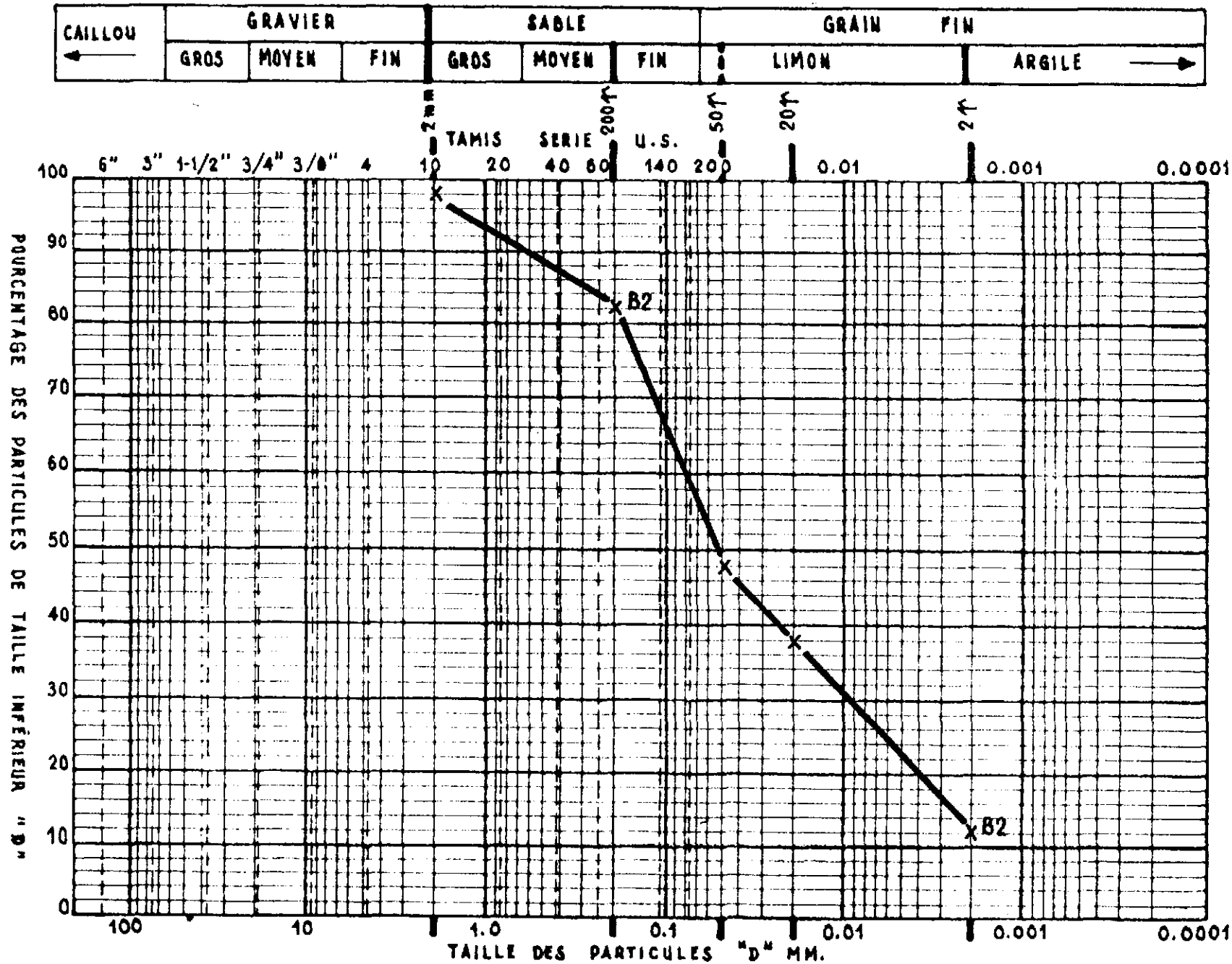
CLASSIFICATION M.I.T.

KB1 = ... N/A ... cm/sec

KB2 = 4.0×10^{-4} cm/secPAYS
SENEGALPIEZOMÈTRE N° 07 10 04158 LP
COORDONNÉES (MTU) X: Y:ORGANISATION POUR LA MISE EN VALEUR DU FLEUVE SÉNÉGAL (O.M.V.S.)
DIRECTION DE L'INFRASTRUCTURE RÉGIONALE (D.I.R.)
PROJET 625-0950/U.S.A.I.D.

COURBES GRANULOMÉTRIQUES

TYPE D'ECHANT. : ou m



CLASSIFICATION M.I.T.

KB1 = ... N/R ... cm/sec

KB2 = ... N/A ... cm/sec

SENEGAL

PAYS

PIEZOMÈTRE N° 07 10 GA159 LP

COORDONNÉES (MTU)

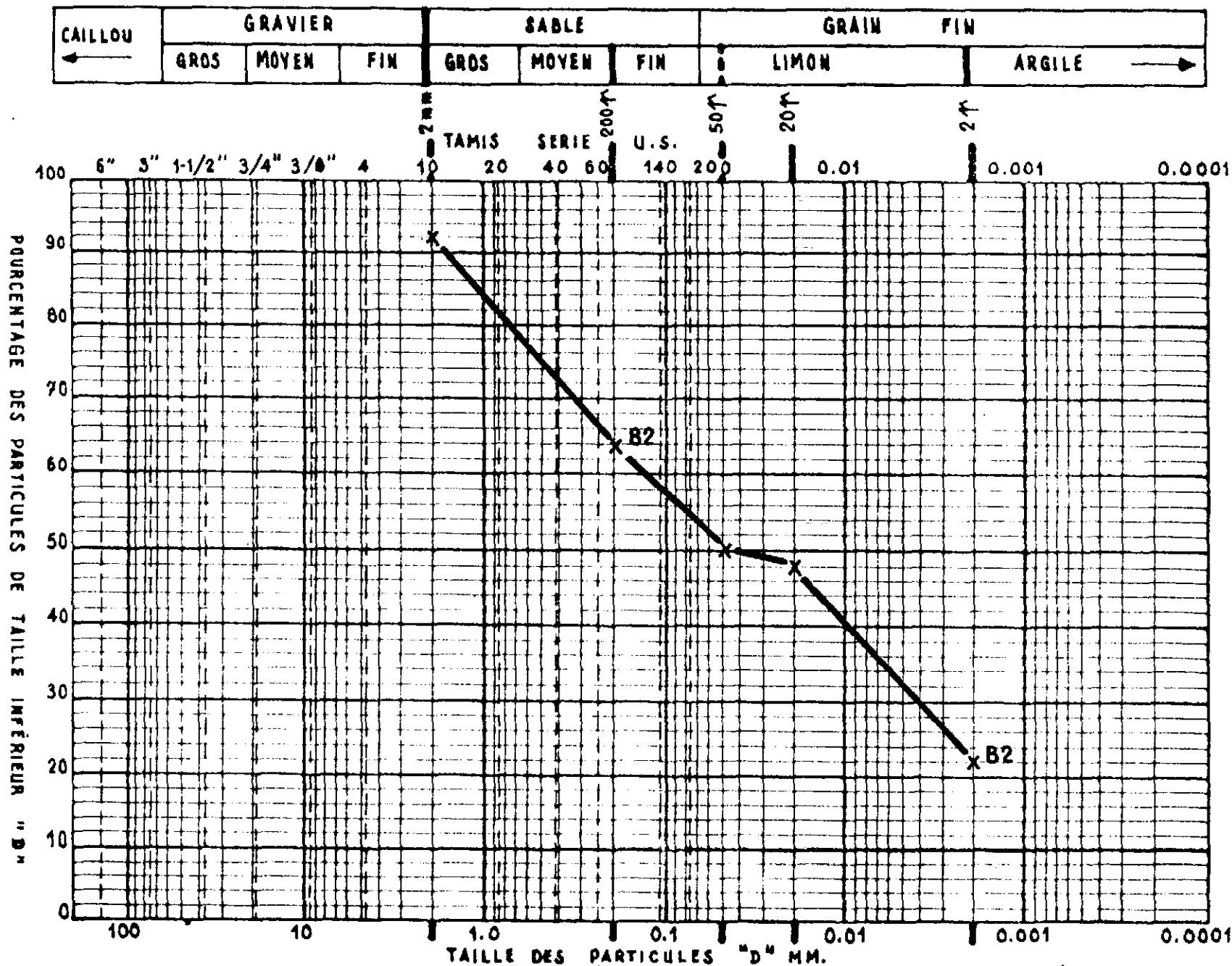
X:

Y:

ORGANISATION POUR LA MISE EN VALEUR DU FLEUVE SÉNÉGAL (O.M.V.S.)
DIRECTION DE L'INFRASTRUCTURE RÉGIONALE (D.I.R.)
PROJET 625-0950/U.S.A.I.D.

COURBES GRANULOMÉTRIQUES

TYPE D'ECHANT. : OU M



KB1 = ..N/R... cm/sec

KB2 = ...N/A... cm/sec

SENÉGAL

PAYS

COORDONNÉES (MTU)

X :

Y :

PIEZOMÈTRE N°

07

10

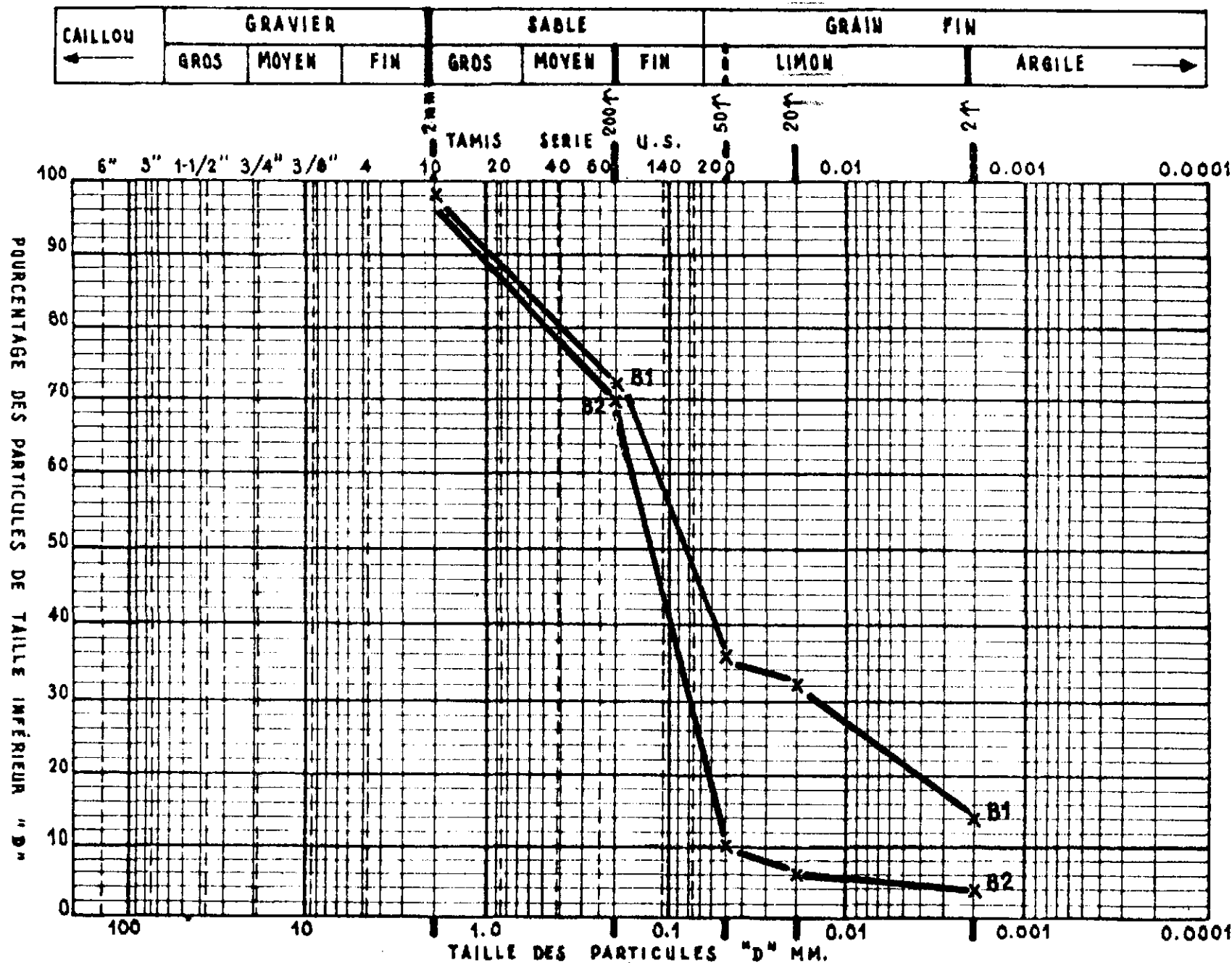
GA160

LP

ORGANISATION POUR LA MISE EN VALEUR DU FLEUVE SÉNÉGAL (O.M.V.S.)
DIRECTION DE L'INFRASTRUCTURE RÉGIONALE (D.I.R.)
PROJET 625-0958 / U.S.A.I.D

COURBES GRANULOMÉTRIQUES

TYPE D'ÉCHANT. : ou m



CLASSIFICATION M.I.T.

KB1 = ... N/A ... cm/sec

KB2 = 2.5×10^{-3} cm/sec

SENEGAL

PAYS

COORDONNÉES (MTU)

X:

Y:

PIEZOMÈTRE N°

87

1D

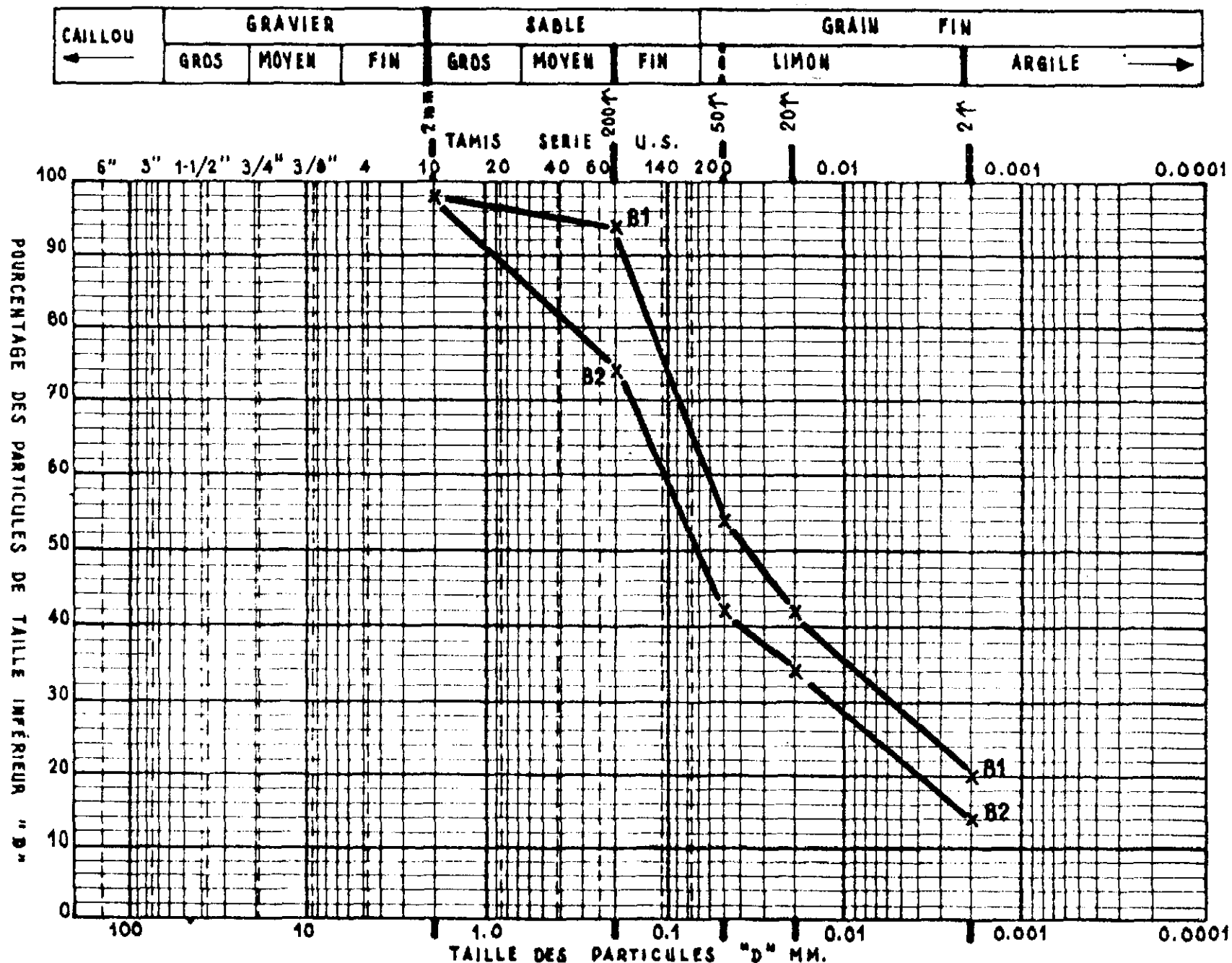
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LIP

ORGANISATION POUR LA MISE EN VALEUR DU FLEUVE SÉNÉGAL (O.M.V.S)
DIRECTION DE L'INFRASTRUCTURE RÉGIONALE (D.I.R)
PROJET 625-0950/U.S.A.I.D

COURBES GRANULOMÉTRIQUES

TYPE D'ÉCHANT. : ou m



CLASSIFICATION M.I.T.

KB1 = ... *N/A* ... cm/sec

KB2 = ... *N/A* ... cm/sec

SENEGAL

PAYS

COORDONNÉES (MTU)

PIEZOMÈTRE N°

017

110

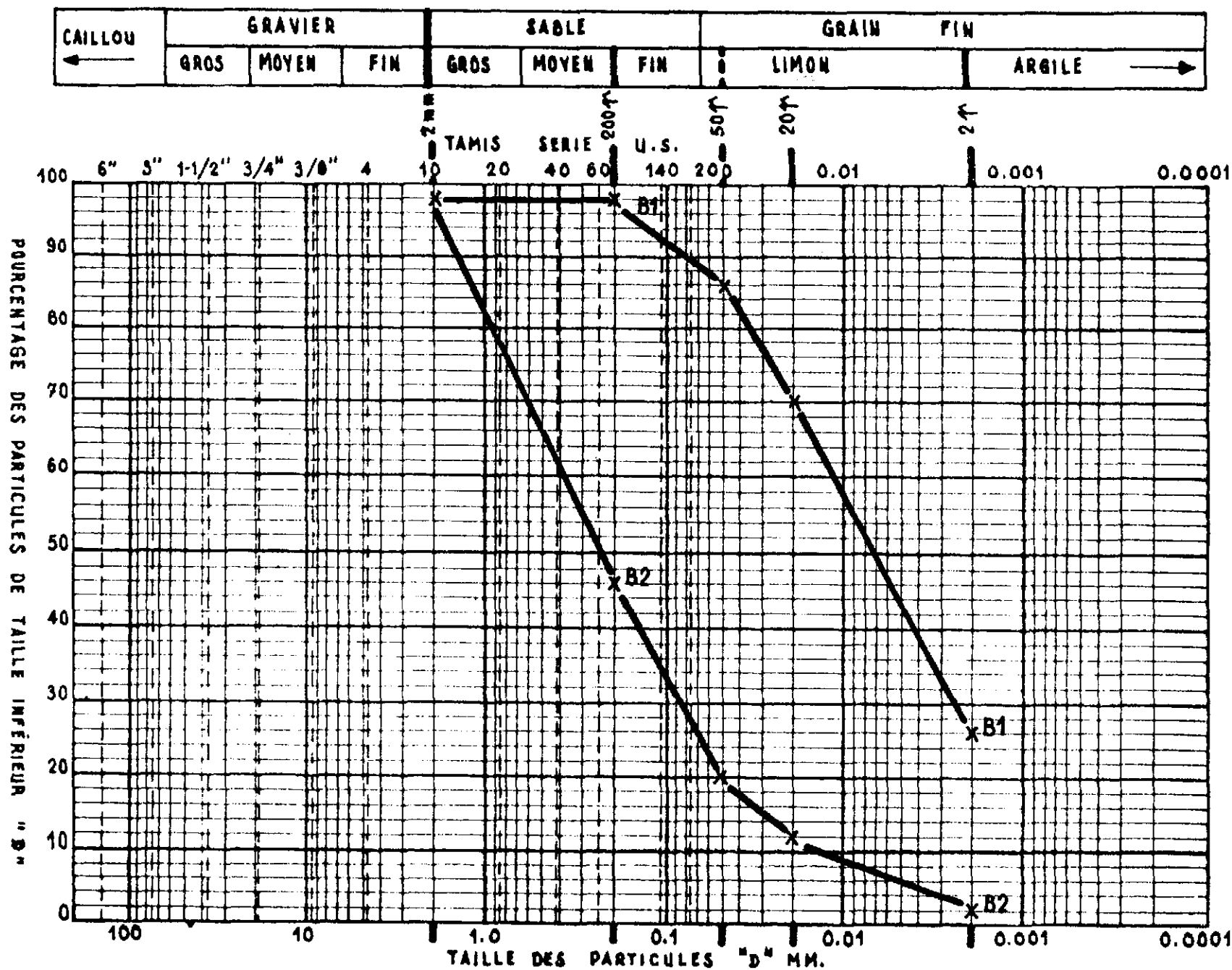
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L1P

ORGANISATION POUR LA MISE EN VALEUR DU FLEUVE SÉNÉGAL (O.M.V.S.)
DIRECTION DE L'INFRASTRUCTURE RÉGIONALE (D.I.R.)
PROJET 625-0956 / U.S.A.I.D

COURBES GRANULOMÉTRIQUES

TYPE D'ECHANT. : ou m



CLASSIFICATION M.I.T.

KB1 = ... *N/A* ... cm/sec

KB2 = 1.0×10^{-4} cm/sec

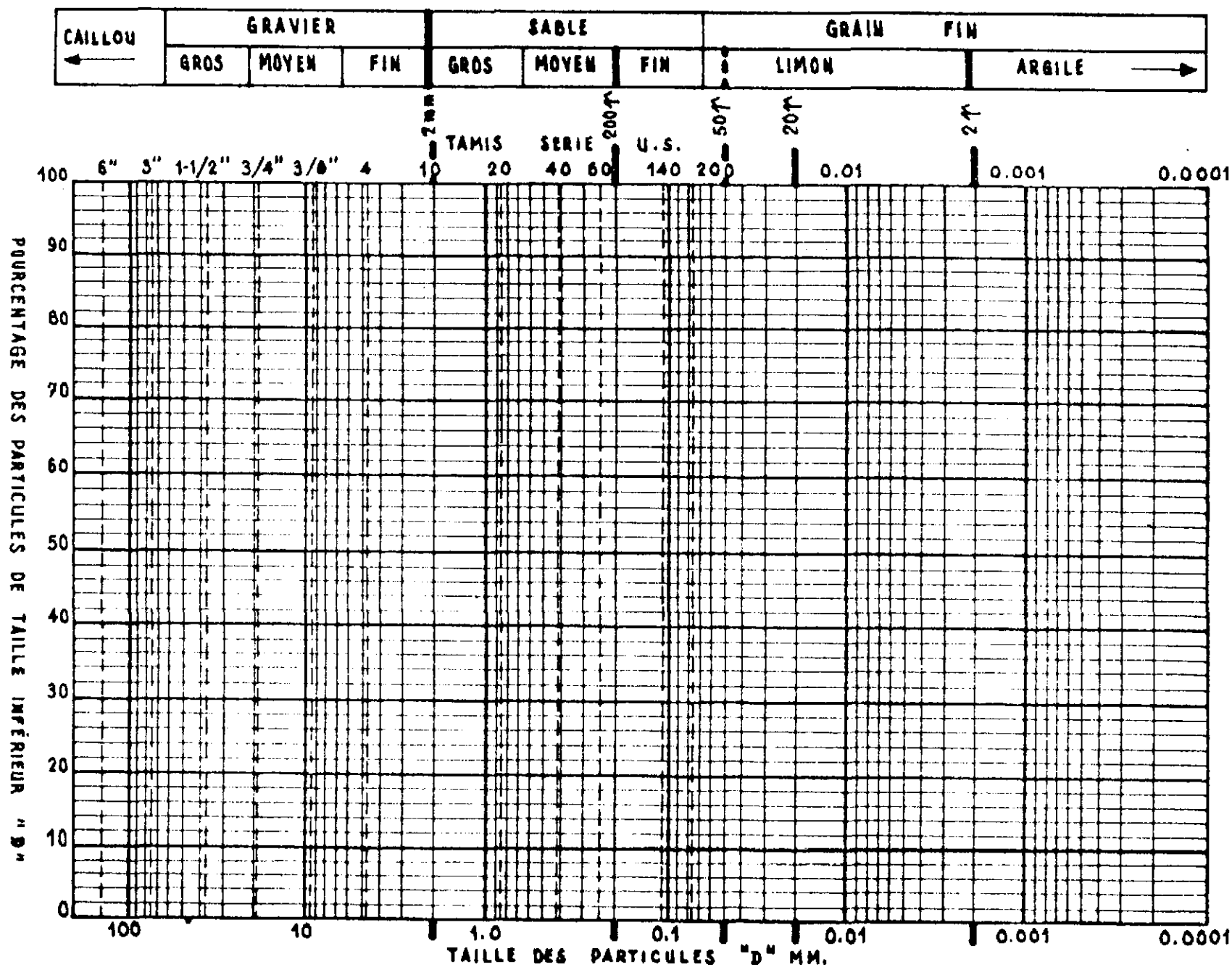
PAYS
SENEGAL

PIEZOMÈTRE N° 07 10 GA2008 LP
COORDONNÉES (MTU) X : Y :

ORGANISATION POUR LA MISE EN VALEUR DU FLEUVE SÉNÉGAL (O.M.V.S.)
DIRECTION DE L'INFRASTRUCTURE RÉGIONALE (D.I.R.)
PROJET 625-0950/U.S.A.I.I.D

COURBES GRANULOMÉTRIQUES

TYPE D'ECHANT. : ou m



CLASSIFICATION M.I.T.

KB1 = cm/sec

KB2 = cm/sec

SENEGAL

PAYS

PIEZOMÈTRE N° 07 1D GA209 LP

COORDONNÉES (MTU)

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Y :

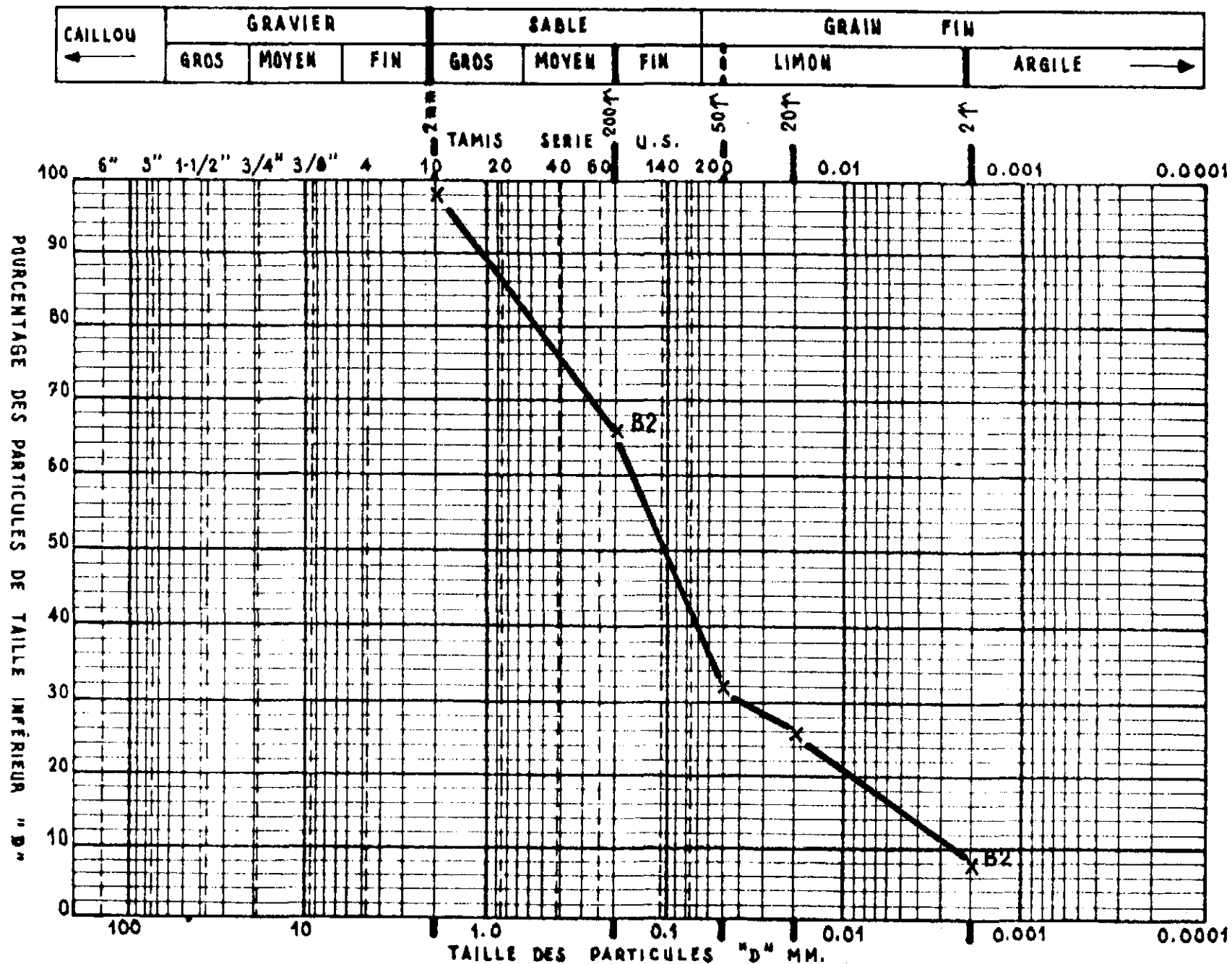
ORGANISATION POUR LA MISE EN VALEUR DU FLEUVE SÉNÉGAL (O.M.V.S.)

DIRECTION DE L'INFRASTRUCTURE RÉGIONALE (D.I.R.)

PROJET 625-0950/U.S.A.I.D

COURBES GRANULOMÉTRIQUES

TYPE D'ECHANT. :ou.....m



CLASSIFICATION M.I.T.

KB1 = .. N/R... cm/sec

KB2 = 9.0×10^{-6} cm/sec

SENÉGAL

PAYS

PIEZOMÈTRE N°

07

110

GA214

HP

COORDONNÉES (MTU)

X :

Y :

ORGANISATION POUR LA MISE EN VALEUR DU FLEUVE SÉNÉGAL (O.M.V.S)
DIRECTION DE L'INFRASTRUCTURE RÉGIONALE (D.I.R)
PROJET 625-0950/U.S.A.I.D

ORGANISATION POUR LA MISE EN VALEUR DU FLEUVE SENEGAL OMVS
DIRECTION DES INFRASTRUCTURES REGIONALES DIR
CELLULE EAUX SOUTERRAINES
PROJET OMVS/USAID 625-0958

REPERTOIRE HYDROGEOLOGIQUE

CARTE TOPOGRAPHIQUE 1:50,000

07 DAGANA 1D

ANNEXE # 3

ANALYSES D'EAU

- * Commentaires pratiques
- * Résultats des analyses/ fiches signalétiques
- * Représentations graphiques

PROJET OMVS/USAID
625-0958

GUIDE PRATIQUE

Toutes les représentations graphiques des résultats des analyses chimiques des eaux et les tableaux présentant les résultats sont issus du logiciel GROUNDWATER/CHEMISTRY. Malgré son origine anglophone, il n'est pas apparu nécessaire de développer un guide lexicologique pour la lecture des graphiques.

Le système GES peut imprimer la fiche signalétique relative aux résultats d'analyses d'eau pour un piézomètre spécifique. Cette fiche, plus complète, regroupe des résultats d'analyses inutilisés dans les représentations graphiques.

Le lecteur notera que le numéro de la figure des représentations graphiques correspond au numéro du piézomètre ou du puits sur lequel l'échantillon d'eau a été prélevé ou la proximité du lieu où un échantillon de surface a été prélevé.

Le lecteur trouvera ci-après, la liste exhaustive de tous les fichiers traités dans le cadre de cette annexe, correspondant à autant de piézomètres et de puits regroupés dans les limites de la carte topographique 1/50,000 concernée.

Tous les piézomètres et les puits, traités dans cette annexe, sont localisés sur la carte 1/50,000 accompagnant ce document.

La liste exhaustive des piézomètres relative à cette carte résulte de l'exploitation d'un logiciel utilitaire XTREE.

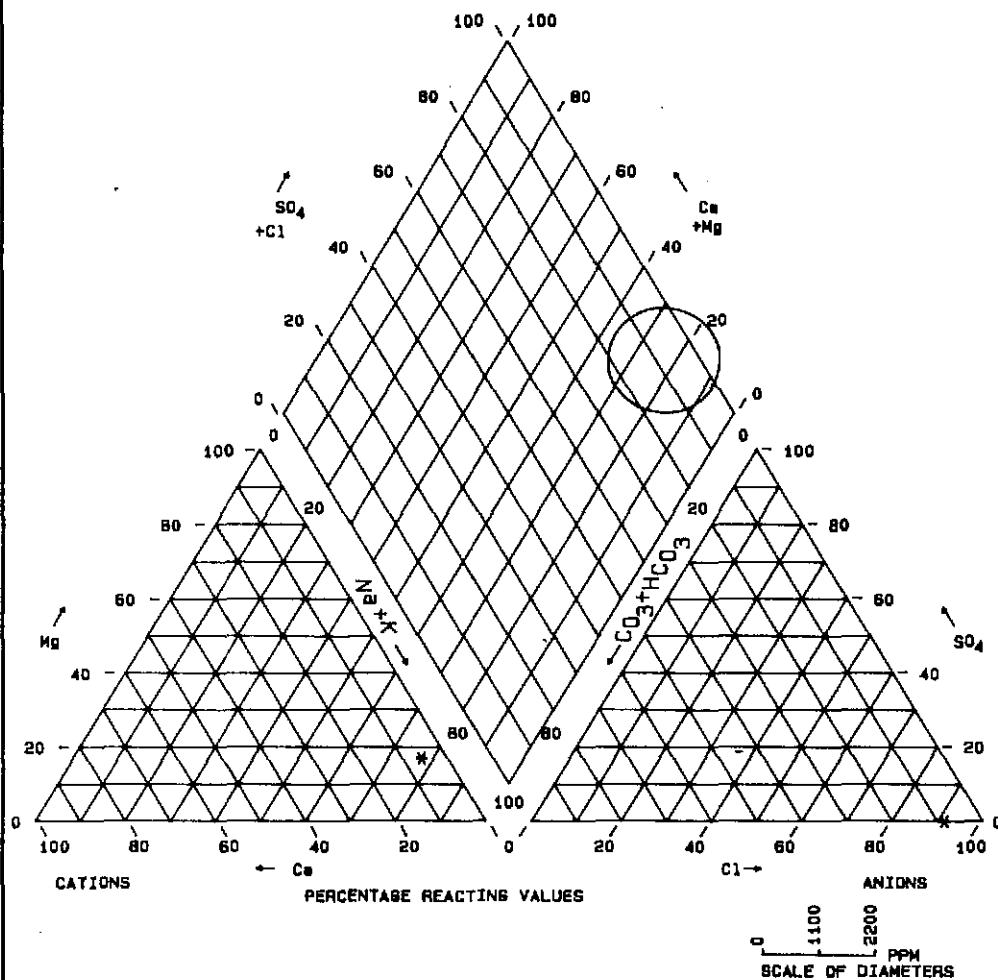
PROJET OMVS/USAID
625-0958

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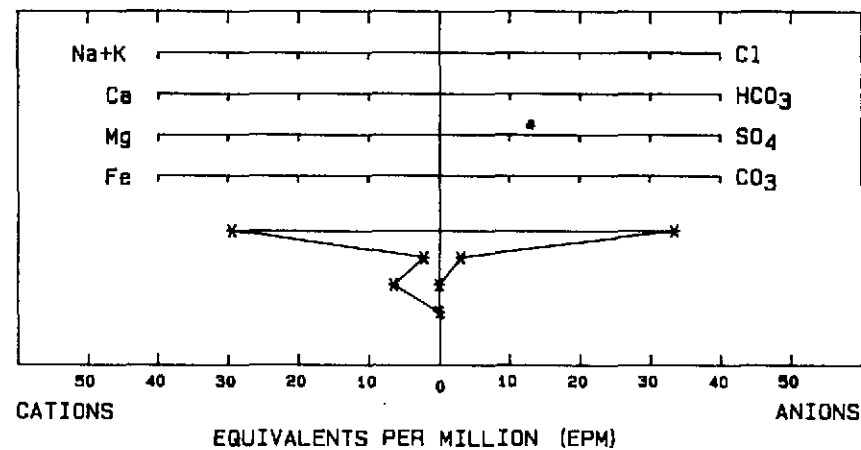
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GA0151	.CHM	128	.a..	2-24-89	9:30	am
GA0152	.CHM	128	.a..	2-24-89	9:31	am
GB0065	.CHM	128	.a..	2-24-89	9:32	am
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PIPER TRILINEAR DIAGRAM

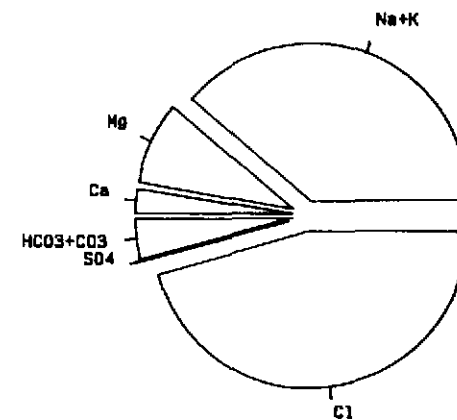


STIFF GRAPH



PIE DIAGRAM

SCALE OF RADII
(TOTAL OF EQUIVALENTS
PER MILLION)



NOTE ERROR (IF ANY) IN CATION/ANION
BALANCE HAS BEEN REMOVED

PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 1D

SAMPLE: DA083

CHEMICAL GRAPHS

USAID/DAKAR/SENEGAL

FIGURE: DA083

CHEMISTRY ANALYSIS

PROJECT: OMVS/USAID
LOCATION: DAGANA 1D

FILE: 625-0958

WELL NO.: DA083

CATIONS	PPM	EPM	% EPM
Ca	42.00	2.10	5.52
Mg	78.00	6.41	16.90
Na+K	704.00	29.44	77.58

ANIONS	PPM	EPM	% EPM
HCO3+CO3	189.00	3.10	8.49
SO4	0.00	0.00	0.00
Cl	1184.00	33.39	91.51

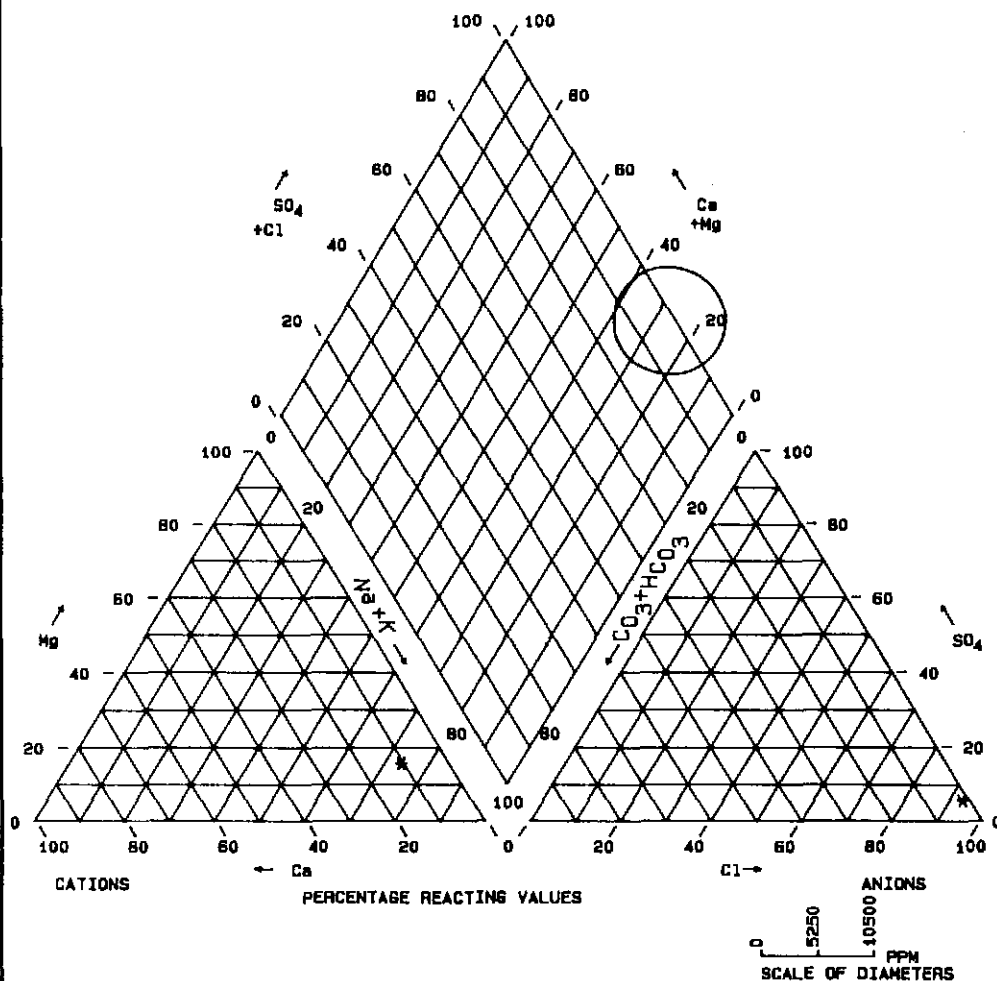
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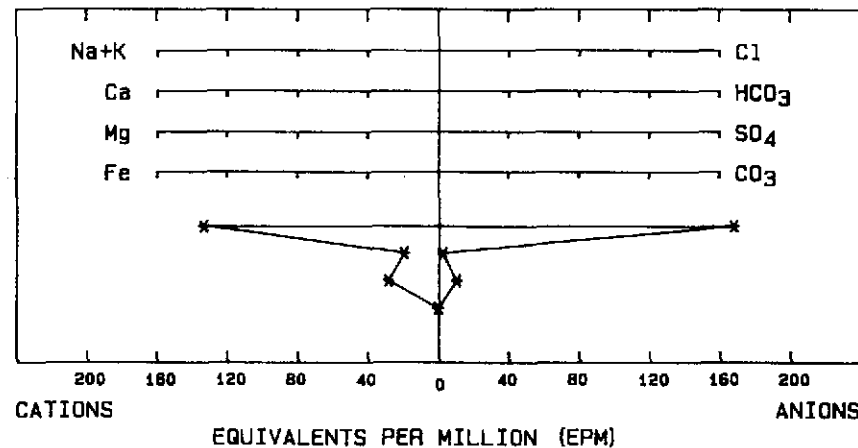
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USAID/DAKAR/SENEGAL

PIPER TRILINEAR DIAGRAM

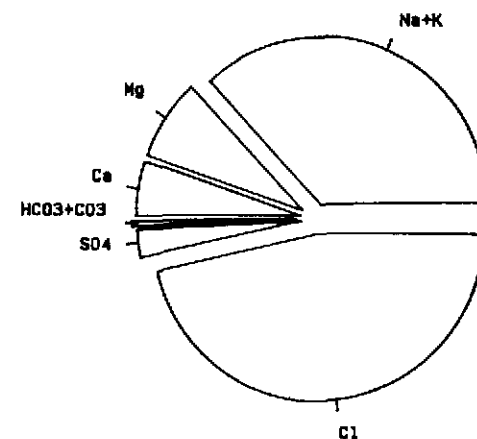


STIFF GRAPH



PIE DIAGRAM

SCALE OF RADII
(TOTAL OF EQUIVALENTS
PER MILLION)



NOTE ERROR (IF ANY) IN CATION/ANION
BALANCE HAS BEEN REMOVED

PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 1D

SAMPLE: DA085

CHEMICAL GRAPHS

USAID/DAKAR/SENEGAL

FIGURE: DA085

CHEMISTRY ANALYSIS

PROJECT: OMVS/USAID
LOCATION: DAGANA 1D

FILE: 625-0958

WELL NO.: DA085

CATIONS	PPM	EPM	% EPM
Ca	385.00	19.21	10.60
Mg	345.00	28.37	15.66
Na+K	3117.00	133.60	73.74

ANIONS	PPM	EPM	% EPM
HCO3+CO3	159.00	2.61	1.44
SO4	500.00	10.41	5.75
Cl	5956.00	167.96	92.81

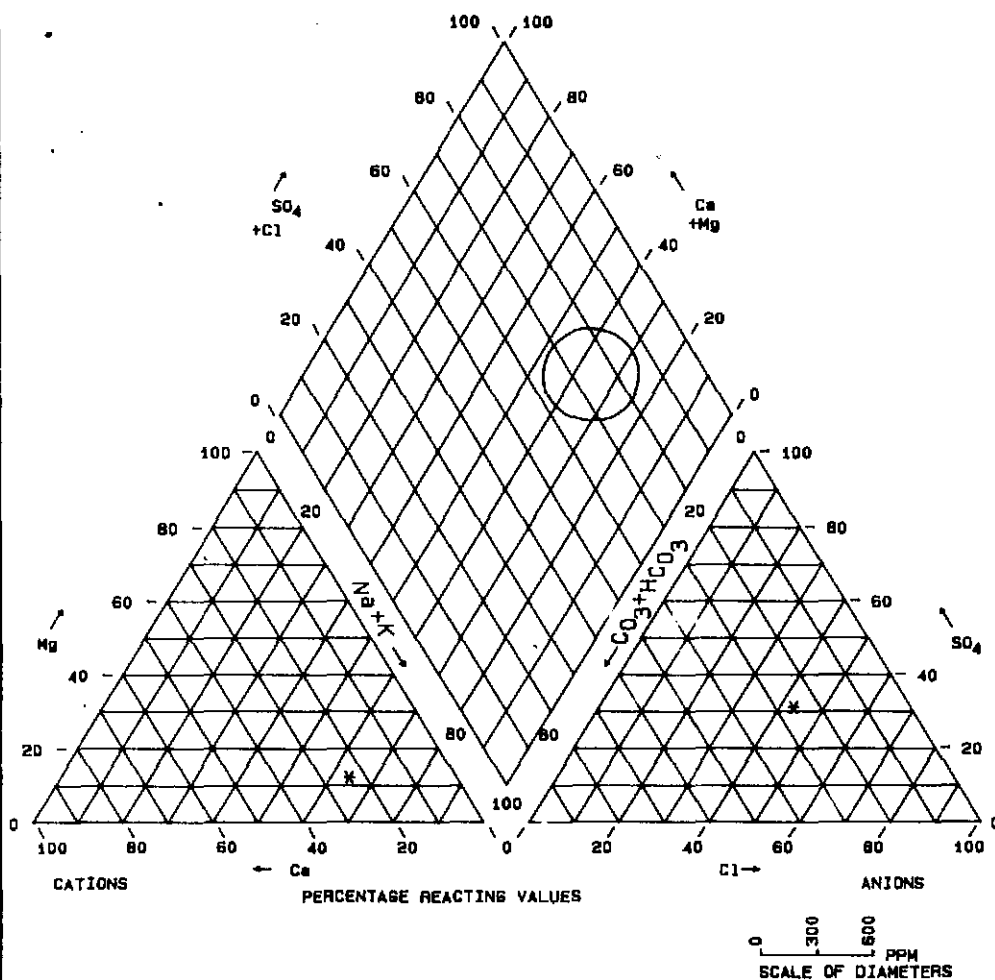
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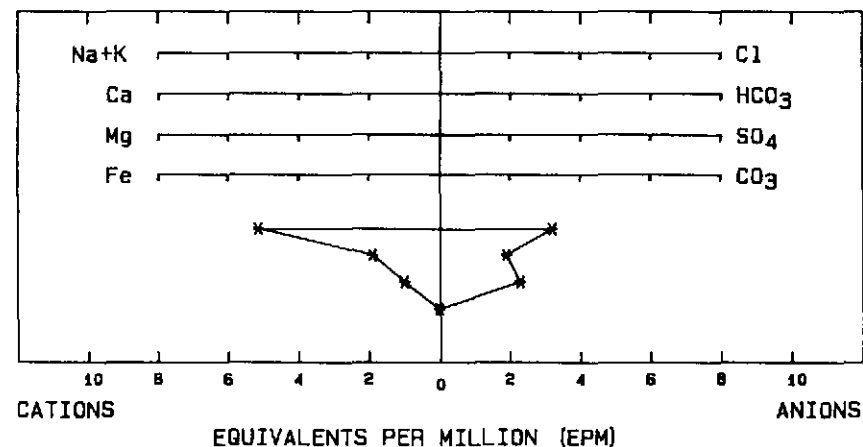
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USAID/DAKAR/SENEGAL

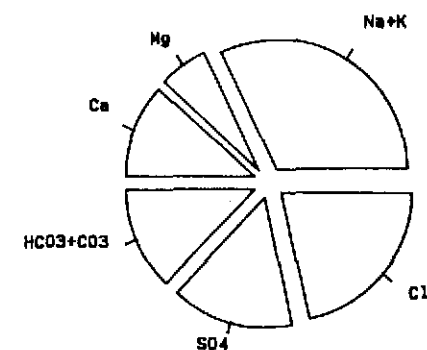
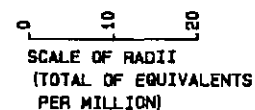
PIPER TRILINEAR DIAGRAM



STIFF GRAPH



PIE DIAGRAM



NOTE ERROR (IF ANY) IN CATION/ANION
BALANCE HAS BEEN REMOVED

PROJECT: OMS/USAUD
FILE: 625-0958
LOCATION: DAGANA 1D

SAMPLE: GA0150

CHEMICAL GRAPHS

USAID/DAKAR/SENEGAL

FIGURE: GA0150

CHEMISTRY ANALYSIS

PROJECT: OMVS/USAUD
LOCATION: DAGANA 1D

FILE: 625-0958

WELL NO.: GA0150

CATIONS	PPM	EPM	% EPM
Ca	38.00	1.90	23.57
Mg	12.00	0.99	12.27
Na+K	124.00	5.16	64.16

ANIONS	PPM	EPM	% EPM
HCO3+CO3	116.00	1.90	25.77
SO4	110.00	2.29	31.04
Cl	113.00	3.19	43.19

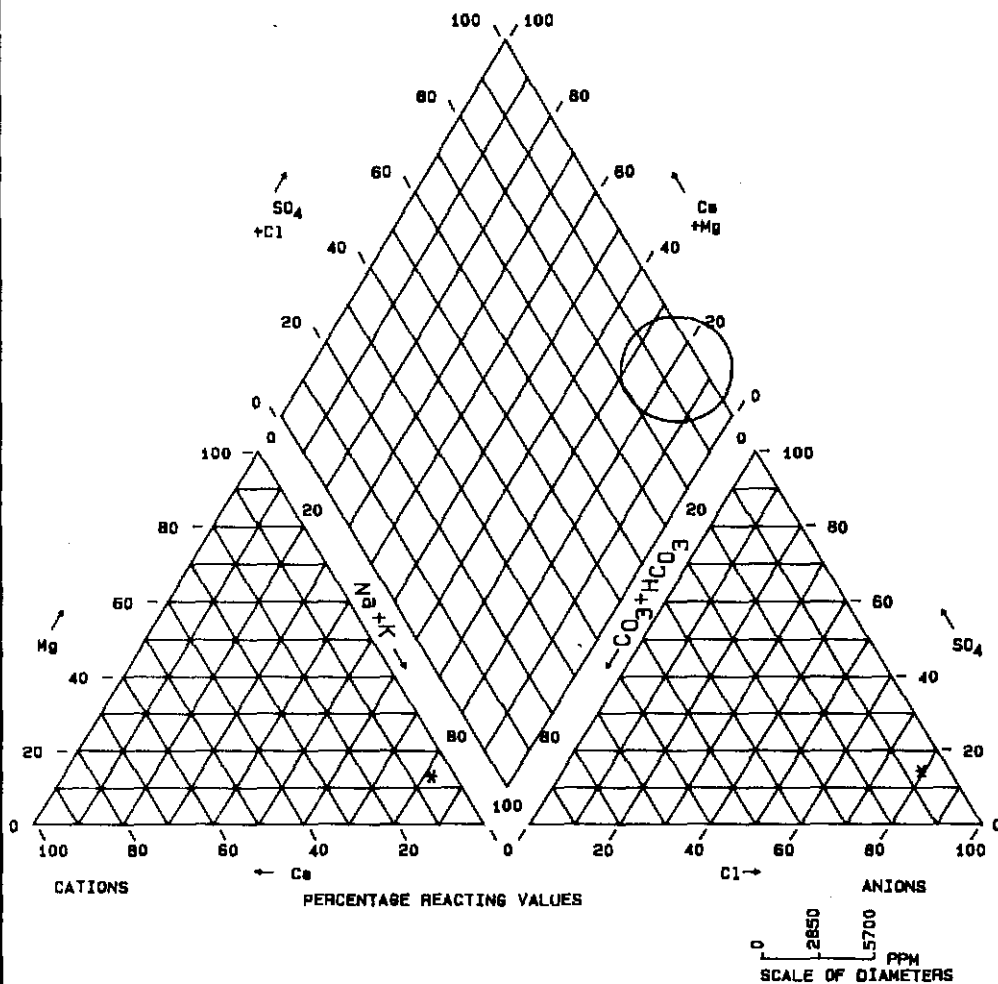
TOTAL DISSOLVED SOLIDS: 549

ERROR IN CATION/ANION BALANCE: 4.32 %

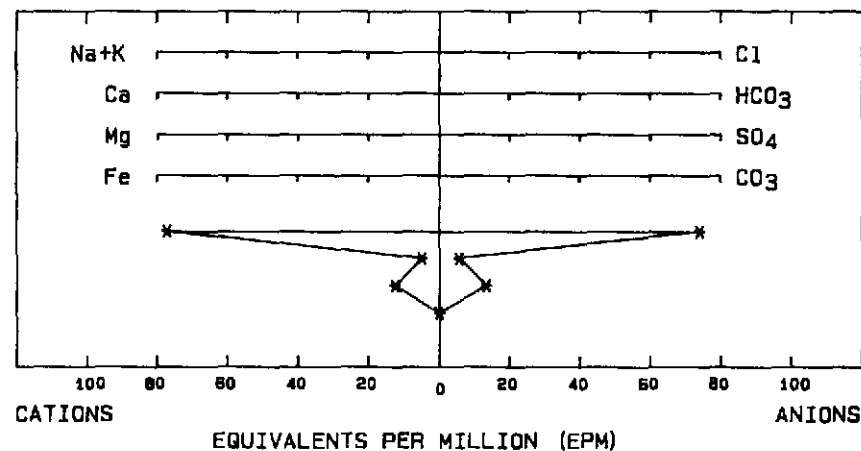
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USAID/DAKAR/SENEGAL

PIPER TRILINEAR DIAGRAM

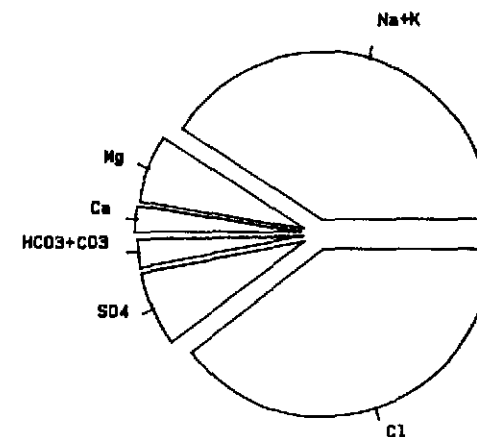


STIFF GRAPH



PIE DIAGRAM

SCALE OF RADII
(TOTAL OF EQUIVALENTS
PER MILLION)



NOTE ERROR (IF ANY) IN CATION/ANION
BALANCE HAS BEEN REMOVED

PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 1D

SAMPLE: GA0151

CHEMICAL GRAPHS

USAID/DAKAR/SENEGAL

FIGURE: GA0151

CHEMISTRY ANALYSIS

PROJECT: OMVS/USAID
LOCATION: DAGANA 1D

FILE: 625-0958

WELL NO.: GA0151

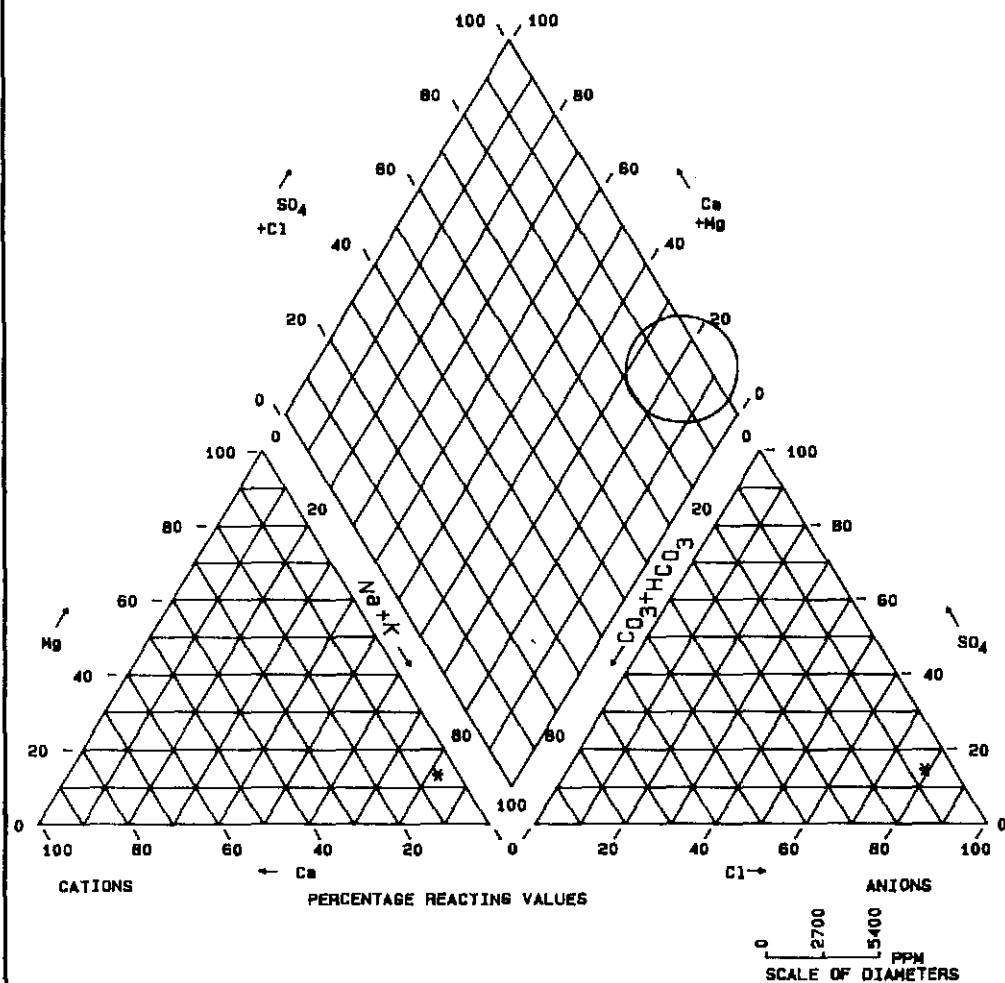
CATIONS	PPM	EPM	X EPM
Ca	98.00	4.89	5.19
Mg	150.00	12.34	13.09
Na+K	1812.00	77.05	81.73

ANIONS	PPM	EPM	X EPM
HCO3+CO3	348.00	5.70	6.11
SO4	648.00	13.49	14.45
Cl	2630.00	74.17	79.44

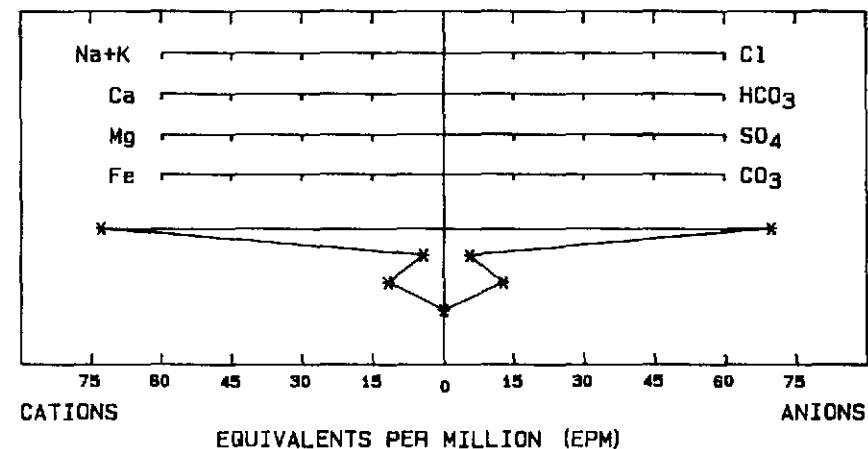
TOTAL DISSOLVED SOLIDS: 5612
ERROR IN CATION/ANION BALANCE: 0.49 %
SODIUM ABSORPTION RATION (S.A.R.): 25.39

USAID/DAKAR/SENEGAL

PIPER TRILINEAR DIAGRAM

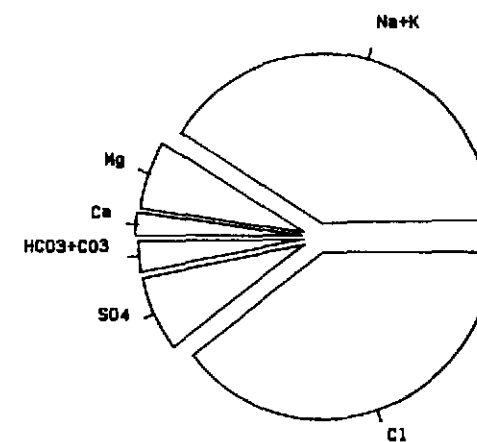


STIFF GRAPH



PIE DIAGRAM

SCALE OF RADII
(TOTAL OF EQUIVALENTS
PER MILLION)



NOTE ERROR (IF ANY) IN CATION/ANION
BALANCE HAS BEEN REMOVED

PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 10

SAMPLE: GA0152

CHEMICAL GRAPHS

USAID/DAKAR/SENEGAL

FIGURE: GA0152

CHEMISTRY ANALYSIS

PROJECT: OMVS/USAID
LOCATION: DAGANA 10

FILE: 625-0958

WELL NO.: GA0152

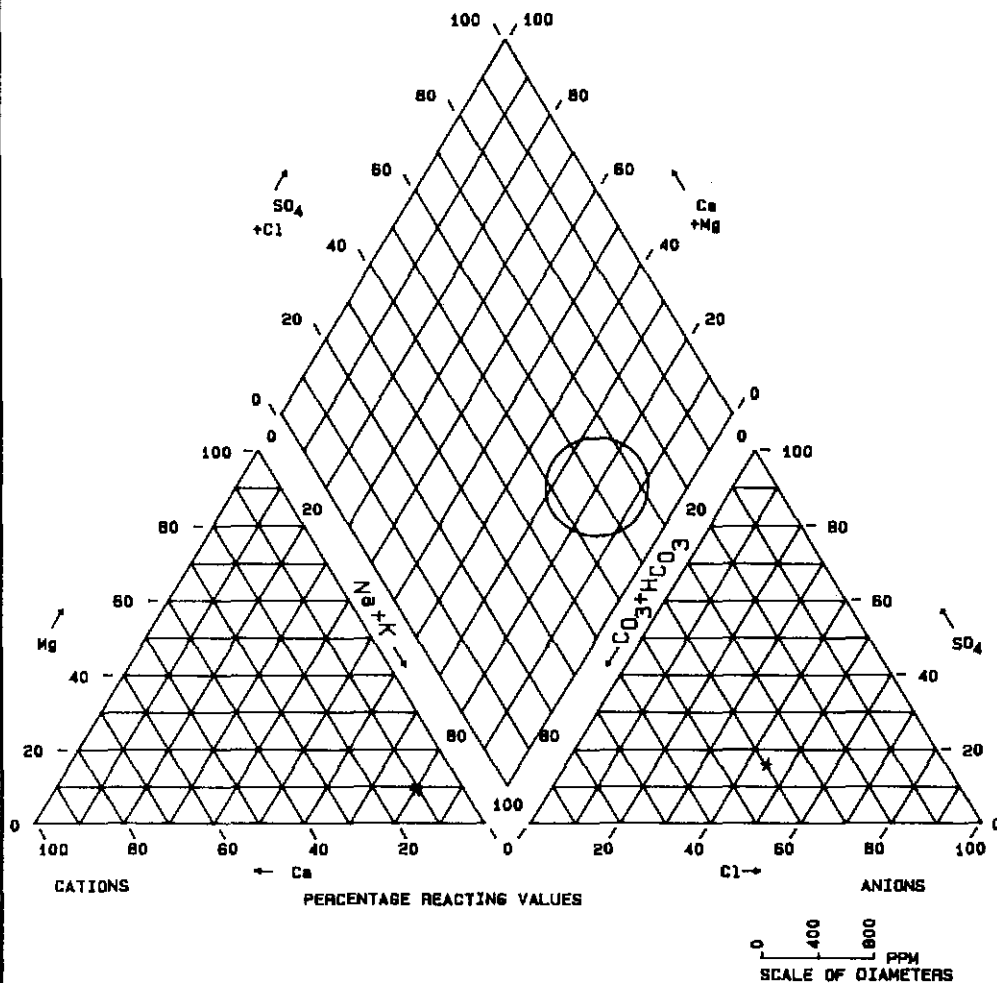
CATIONS	PPM	EPM	X EPM
Ca	84.00	4.19	4.72
Mg	143.00	11.76	13.24
Na+K	1716.00	72.89	82.04

ANIONS	PPM	EPM	X EPM
HCO3+CO3	345.00	5.65	6.41
SO4	615.00	12.80	14.51
Cl	2474.00	69.77	79.08

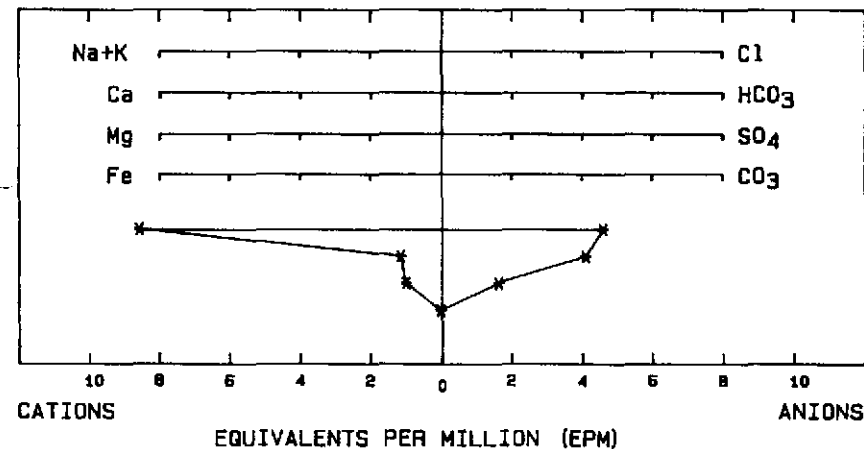
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SODIUM ABSORPTION RATION (S.A.R.): 24.92

USAID/DAKAR/SENEGAL

PIPER TRILINEAR DIAGRAM

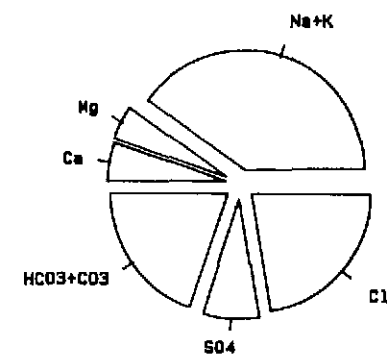


STIFF GRAPH



PIE DIAGRAM

SCALE OF RADII
(TOTAL OF EQUIVALENTS
PER MILLION)



NOTE ERROR (IF ANY) IN CATION/ANION
BALANCE HAS BEEN REMOVED

PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 10

SAMPLE: GB0065

CHEMICAL GRAPHS

USAID/DAKAR/SENEGAL

FIGURE: GB0065

CHEMISTRY ANALYSIS

PROJECT: OMVS/USAID
LOCATION: DAGANA 1D

FILE: 625-0958

WELL NO.: GB0065

CATIONS	PPM	EPM	X EPM
Ca	23.00	1.15	10.72
Mg	12.00	0.99	9.22
Na+K	207.00	8.57	80.07

ANIONS	PPM	EPM	X EPM
HCO3+CO3	250.00	4.10	39.63
SO4	79.00	1.64	15.91
Cl	163.00	4.60	44.46

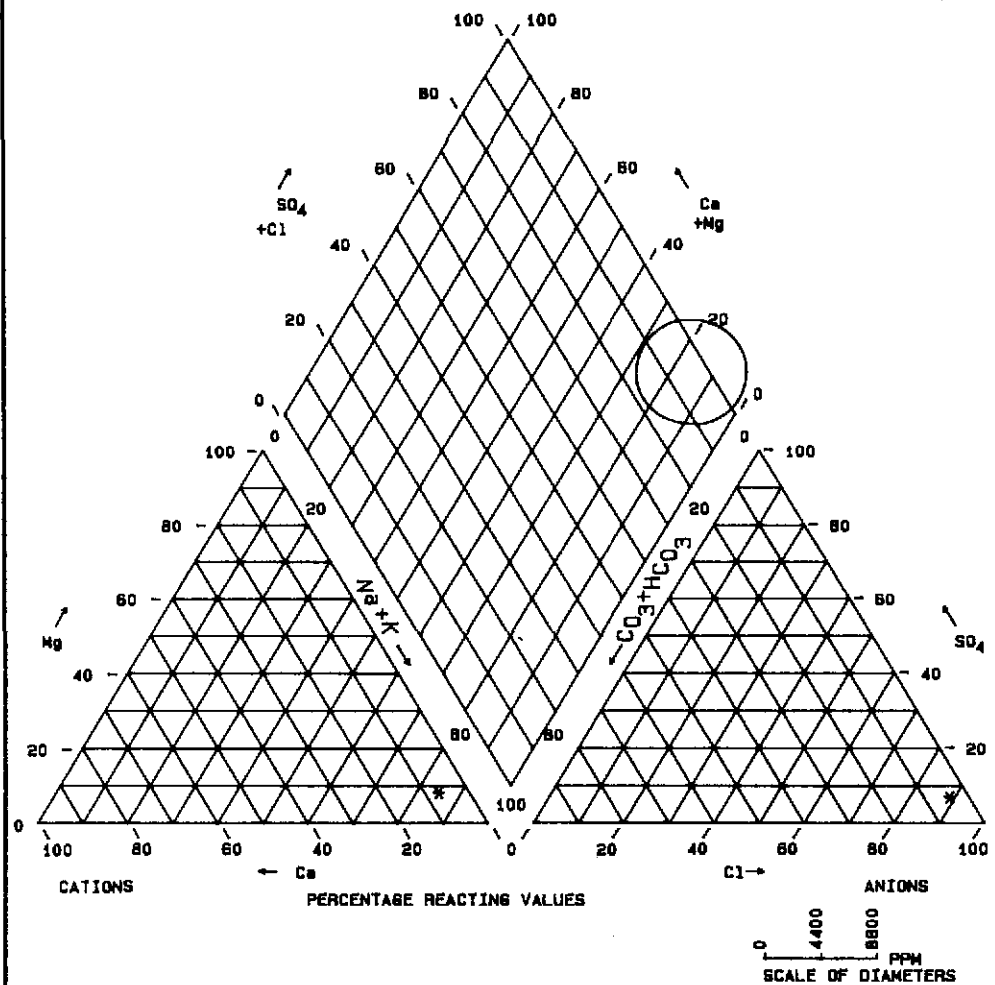
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ERROR IN CATION/ANION BALANCE: 1.78 %

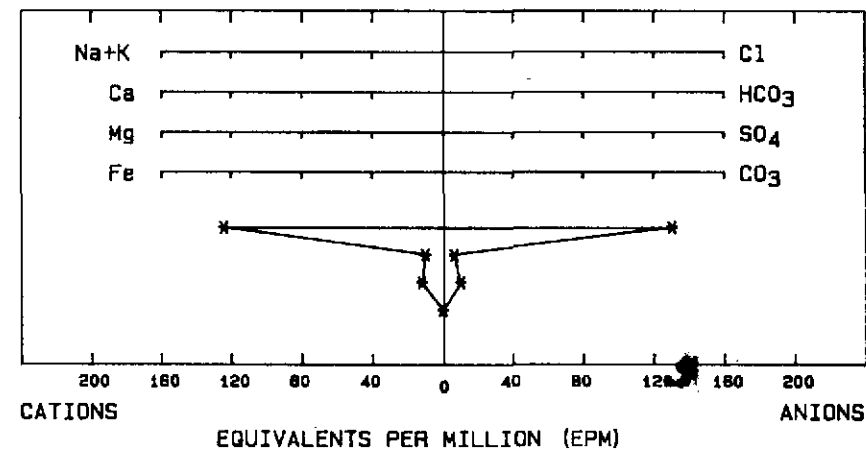
SODIUM ABSORPTION RATION (S.A.R.): 7.71

USAID/DAKAR/SENEGAL

PIPER TRILINEAR DIAGRAM

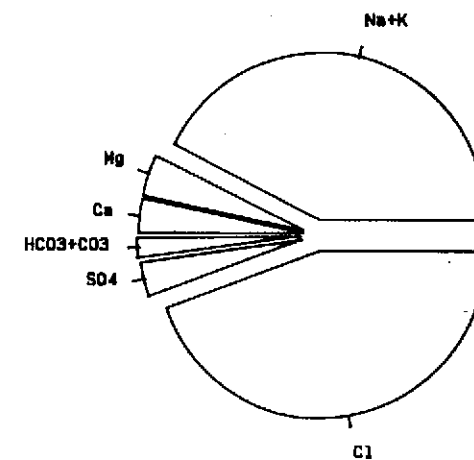


STIFF GRAPH



PIE DIAGRAM

SCALE OF RADII
(TOTAL OF EQUIVALENTS
PER MILLION)



NOTE ERROR (IF ANY) IN CATION/ANION
BALANCE HAS BEEN REMOVED

PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 1D

SAMPLE: 680076

CHEMICAL GRAPHS

USAID/DAKAR/SENEGAL

FIGURE: 680076

CHEMISTRY ANALYSIS

PROJECT: OMVS/USAID
LOCATION: DAGANA 1D

FILE: 625-0958

WELL NO.: GB0076

CATIONS	PPM	EPM	% EPM
Ca	200.00	9.98	6.81
Mg	146.00	12.01	8.19
Na+K	2898.00	124.63	85.00

ANIONS	PPM	EPM	% EPM
HCO3+CO3	378.00	6.20	4.24
SO4	480.00	9.99	6.84
Cl	4608.00	129.95	88.92

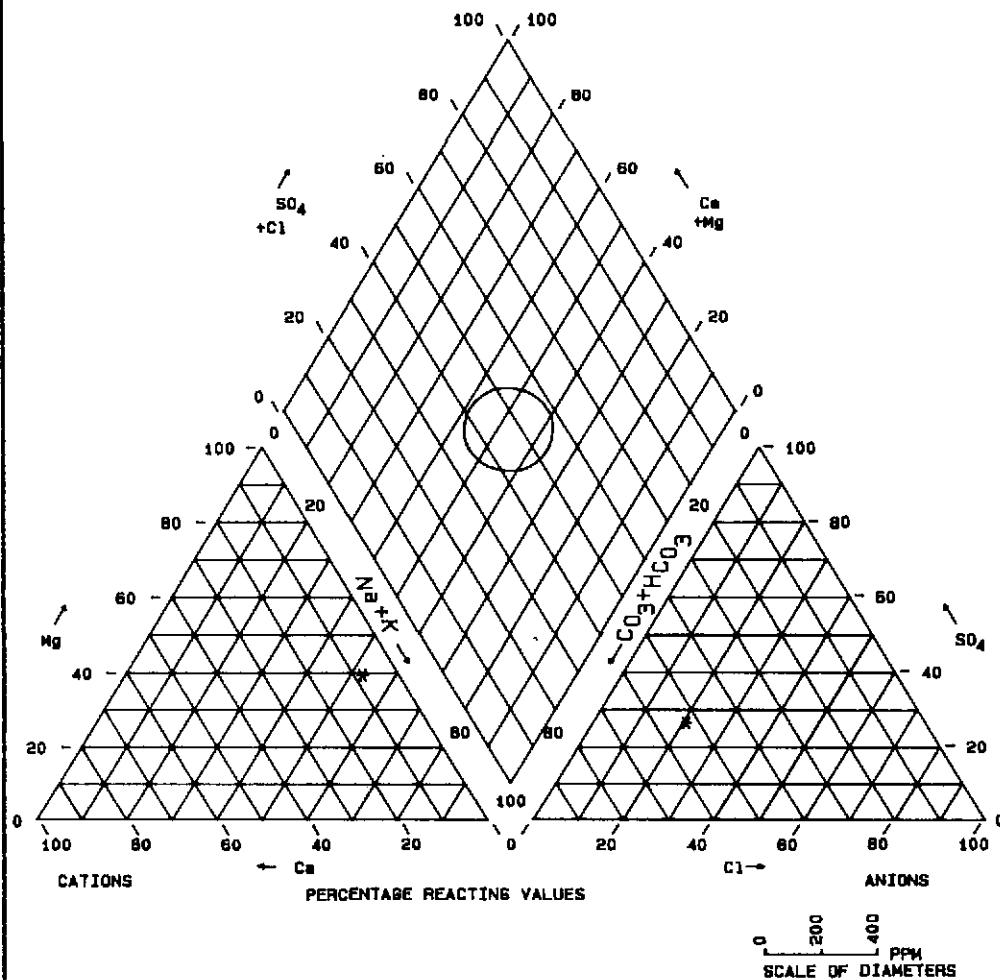
TOTAL DISSOLVED SOLIDS: 8690

ERROR IN CATION/ANION BALANCE: 0.17 %

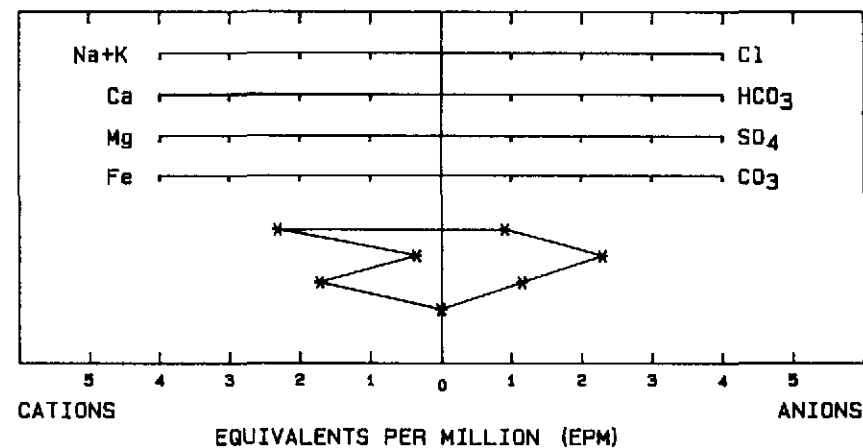
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USAID/DAKAR/SENEGAL

PIPER TRILINEAR DIAGRAM

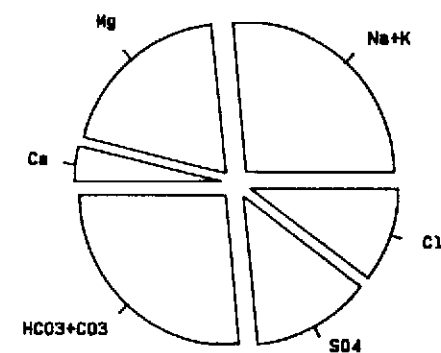


STIFF GRAPH



PIE DIAGRAM

SCALE OF RADII
(TOTAL OF EQUIVALENTS
PER MILLION)



NOTE ERROR (IF ANY) IN CATION/ANION
BALANCE HAS BEEN REMOVED

PROJECT: OMVS/USAID
FILE: 625-0958
LOCATION: DAGANA 1D

SAMPLE: GB0847

CHEMICAL GRAPHS

USAID/DAKAR/SENEGAL

FIGURE: GB0847

CHEMISTRY ANALYSIS

PROJECT: OMVS/USAID
LOCATION: DAGANA 1D

FILE: 625-0958

WELL NO.: GB0847

CATIONS	PPM	EPM	X EPM
Ca	7.00	0.35	7.94
Mg	21.00	1.73	39.28
Na+K	62.00	2.32	52.78

ANIONS	PPM	EPM	X EPM
HCO3+CO3	140.00	2.29	52.85
SO4	55.00	1.15	26.37
Cl	32.00	0.90	20.78

TOTAL DISSOLVED SOLIDS: 240
ERROR IN CATION/ANION BALANCE: 0.65 %
SODIUM ABSORPTION RATION (S.A.R.): 1.75

USAID/DAKAR/SENEGAL