

# Borehole Programme Post-Project Report





# POST PROJECT REPORT ON 7 JIVINGYM BOREHOLE SITES 2023-2024

AMBALAHOSY VILLAGE, AMBODIPAISO PRIMARY SCHOOL,
AMBOHIMANARIVO VILLAGE, AMBOHIMITA VILLAGE, AMBOHIPO
CENTRE VILLAGE, AMBOHIPO NORD VILLAGE AND MAHATSARA
VILLAGE

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### 1. OVERVIEW

7 sites were prioritised for a clean drinking water supply system. These comprised 6 villages and 1 Primary School in 4 different rural municipalities. These were located in Ikongo district, Fitovinany region and in Ifanadiana district, Vatovavy region, both in central southeast Madagascar. These seven sites benefitted from clean drinking water supplies after receiving support from the Adsum Foundation and JivinGym - 'Dance for Lucy' for the installation of boreholes and hand-pumps. These boreholes were completed between July and November 2024: Ambalahosy village, Ambodipaiso PS, Ambohimanarivo village, Ambohimita village, Ambohipo centre & Nord village and Mahatsara village.

### 2. BENEFICIARIES

These boreholes now directly benefit over 1,753 people & 71 pupils; 502 inhabitants in 120 households for Ambalahosy village, 320 inhabitants in 60 households & 71 pupils for Ambodipaiso PS, 315 inhabitants in 61 households for Ambohimanarivo, 78 inhabitants in 18 households for Ambohimita, 129 inhabitants in 32 households for Ambohipo Centre, 280 inhabitants in 70 households for Ambohipo Nord, and 128 inhabitants in 30 households for Mahatsara.

### 3. TIMELINE OF THE PROJECT ACTIVITIES

# Preparation phase

Awareness raising on WASH & the environment

Community action plan

Local material preparation

Village maintenance technician selection



Transporting materials

# Drilling work / Installation phase

Borehole drilling
Sanitary apron and hand-pump installation
Technical acceptance of work

Water management committee creation

Training for local water management
committee and local authorities



Start of drilling work

# Post installation phase

Series of water chlorination

Water quality testing

Water catchment area environmental
protection measures

Follow up training for village maintenance technicians

Official hand over to local community



Clean drinking water!

### 4. DETAILS OF EACH PHASE

### 4.1. PREPARATION PHASE

## 4.1.1. Meetings with project beneficiaries

Meetings were held by Feedback Madagascar – Ny Tanintsika's team members, with the key objectives being:

- Clarifying any queries regarding the technical aspect of boreholes and the technology used.
- Setting an action plan for the borehole project:
  - Discussion about beneficiaries' contributions to the project and fixing an action plan, particularly:
  - Providing somewhere secure for the drilling teams to stay during their work in the village, and someone to prepare their food.
  - Providing somewhere secure to store the equipment and materials until the end of work.
  - Fetching water throughout drilling work.
  - Collecting and transporting sand.
  - Transporting any materials by foot where transport is impossible to the point of drilling.
  - Payment of the minimal financial contribution of 125,000 MGA.
- Election of local committee members in charge of overseeing preparations of the project and monitoring progress.
- Election of three local technicians, responsible for repairs and maintenance of each borehole (to be trained during the work).
- Logistical arrangements (e.g. purchase of local materials required, housing for drilling teams, checking the suitability of the stock house, etc.).
- Awareness-raising on the 4 key WASH messages (Water-Sanitation-Hygiene):
  - Building and use of (hygienic) latrines
  - Hand-washing with soap or ash
  - Drinking safe water
  - Menstrual hygiene

# 4.1.2. Ongoing monitoring and awareness-raising activities

The community support field agent continued to carry out awareness-raising activities for beneficiaries about the 4 key WASH messages and environmental protection. Advantage was taken of large community gatherings such as during community activities to get community contributions together, during the process of creating the water management association and the provisional technical acceptance of the borehole. Education activities were also carried out through door-to-door visits to households.



Community members realising their action plan to apply the key WASH messages: here is the management committee members cleaning the village and the surroundings of the borehole in Ambohipo Nord.

All the beneficiaries from "Ankarena" (hamlets surrounding the main village) came to the village to start the borehole drilling work. This is an opportunity for Tahiana (our Community Outreach Workers) do more awareness-raising.





To ensure the adoption of hand-washing, a hand-washing station was installed at each borehole.

All users of the borehole should wash their hands before using the pump.

# 4.2. DRILLING PHASE

# 4.2.1. Technical summary of Ambalahosy borehole

The team travelled to the site on the 4<sup>th</sup> November and finished work on the 22<sup>th</sup> November 2024.

Region:	itovinany		Geographical coordinat	ess (CDS readings):
District:	kongo		Geographical coordinat	es (GPS readings):
Municipality: /	Ambolomadinika		Longitude: 47°22'48.2"	E
Fokontany:	Antarehimamy		Latitude: 21°57'38.9"S	
Site:	Ambalahosy		Altitude: 216 m	
Dril	lling	PVC equipment	Measurements taken	Water turbidity
Date start of drilling		Diameter of PVC: 125 mm	Static level: 3.10 m	After 30min: Clear
Date end of drilling 6/11/24		Smooth tube length: 13.3 m	Dynamic level: 7.5 m	After 1h: Clear
Duration of drilling	2 days	Strainer ("crepine") length: 2 m	Duration of development: 32 h	
Depth drilled	15.80 m	Upper side strainer ("crepine"): 13.3 m		
Depth equipped	15.80 m	Casing slide (« <i>Sabot de cuvelage</i> »):	Water flow rate: >1m³ per hour	After 2h: Clear
Technology used	Rotary jetting			
Pump in:	stallation	Dates of water chlorination, and	lysis et technical accept	ance of works
Type of hand-pump	:Canzee	1 <sup>st</sup> chlorination: 7/11/24		
Depth of check	0	2 <sup>nd</sup> chlorination: 13/11/24		
valve ("clapet")	9 m	3 <sup>rd</sup> chlorination: 17/11/24		
		Analysis: To follow		
		Technical acceptance: 21/11/2	4	
Note: No failed dri	illing attempts			_

# **Borehole land agreement**

RAHARIZATOVO Jean Claude is the landowner of the land where the borehole was installed. He signed the written agreement for the donation of his land (in appendix) for the borehole at Ambalahosy village.



Soil samples taken during drilling at Ambalahosy village

# 4.2.2. Technical summary of Ambodipaiso borehole

The team travelled to the site on the 16<sup>th</sup> August and finished work on the 3<sup>rd</sup> September 2024.

Region: F	itovinany		Geographical coordinat	os (GDS roadings):
District:	kongo		Geographical coordinat	es (GPS readings).
Municipality:	mbohimisafy		Longitude: 47.5843908	9°E
Fokontany: Ambalafasina Site: Ambodipaiso			Latitude: 21.52039466°	S
			Altitude:m	
Dril	ling	PVC equipment	Measurements taken	Water turbidity
Date start of drilling	17/8/24	Diameter of PVC: 125 mm	Static level: 3.10 m	After 30min: Clear
Date end of drilling	17/8/24	Smooth tube length: 14.8 m	Dynamic level: 13 m	After 1h: Clear
Duration of drilling	1 day	Strainer ("crepine") length: 1.5 m	Duration of development: 32 h	
Depth drilled	16.30 m	Upper side strainer ("crepine"): 14.8 m		
Depth equipped	16.30 m	Casing slide (« <i>Sabot de cuvelage</i> »): 1 m	Water flow rate: >1m³ per hour	After 2h: Clear
Technology used	Rotary jetting			
Pump ins	stallation	Dates of water chlorination, ana	lysis et technical accept	ance of works
Type of hand-pump	:Canzee	1 <sup>st</sup> chlorination: 19/8/24		
Depth of check		2 <sup>nd</sup> chlorination: 21/8/24		
valve ("clapet")	15.8 m	3 <sup>rd</sup> chlorination: 25/8/24		
		Analysis: To follow		-
		Technical acceptance: 2/9/24		
Note: No failed dri	lling attempts			

# **Borehole land agreement**

ANDRIAMAHEFA is the landowner of the land where the borehole was installed. He signed the written agreement for the donation of his land (in appendix) for the borehole at Ambodipaiso Primary School.



Soil samples taken during drilling at Ambodipaiso PS

# 4.2.3. Technical summary of Ambohimanarivo borehole

The team travelled to the site on the 12<sup>th</sup> November and completed work on the 24<sup>st</sup> November 2024.

Region:	Vatovavy		Geographical coordinat	es (GDS readings)	
District:	Ifanadiana		Geographical cool diliat	es (GF3 readings).	
Municipality:	Ifanadiana		Longitude: 47.6150518°E		
Fokontany:	Amboraka		Latitude: 21.3371385°S		
Site:	Ambohimanarivo		Altitude:		
Dri	lling	PVC equipment	Measurements taken	Water turbidity	
Date start of drilling  Date end of drilling		-Diameter of PVC: 125 mm	Static level: 1.55 m	After 30min: Clear	
		Smooth tube length: 8.2 m	Dynamic level: 3.8 m  Duration of	After 1h: Clear	
Duration of drilling		Strainer ("crepine") length: 1.5 m	development: 32 h		
Depth drilled	10.3 m	Upper side strainer ("crepine"): 8.2 m - Casing slide (« Sabot de cuvelage »):	Water flow rate: >1m³	After the Class	
Depth equipped	10.3 m	0.6 m	per hour	After 2n: Clear	
Technology used	Rotary jetting				
Pump in	stallation	Dates of water chlorination, ana	lysis et technical accept	tance of works	
Type of hand-pump	o: Canzee	1 <sup>st</sup> chlorination: 13/11/24			
Depth of check		2 <sup>nd</sup> chlorination: 17/11/24			
valve ("clapet")	8.5 m	3 <sup>rd</sup> chlorination: 21/11/24			
		Analysis: To follow			
		Technical acceptance: 23/11/24	4		
Note: No failed dr	illing attempts				

# **Borehole land agreement**

RASOLOMAMPIONONA Donald Simon is the landowner of the land where the borehole was installed. He signed the written agreement for the donation of his land (in appendix) for the borehole at Ambohimanarivo.



Soil samples taken during drilling at Ambohimanarivo village

# 4.2.4. Technical summary of Ambohimita borehole

The team travelled to the site on the 4<sup>th</sup> August 2024 and completed work on the 25<sup>th</sup> August 2024.

Region:	Vatovavy		Geographical coordinat	os (GDS roadings):
District:	Ifanadiana		Geographical coordinat	es (GPS readings).
Municipality:	Tsaratanana		Longitude: 47.6124847	°E
Fokontany: Ambohimita			Latitude: 21.0507945°S	
Site:	Ambohimita		Altitude: 420 m	
	Drilling	PVC equipment	Measurements taken	Water turbidity
Date start of dril	ling 5/8/24	Diameter of DVC, 125 mm	Static level: 3.9 m	After 30min: Clear
Date end of drilli	7/8/24	Diameter of PVC: 125 mm	Dynamic level: 9.5 m	
Duration of drilli	ng 3 days	Smooth tube length: 8.9 m  Strainer ("crepine") length: 0.8 m	Duration of development: 32 h	After 1h: Clear
Depth drilled	10.5 m	Upper side strainer ("crepine"): 8.9 m		
Depth equipped	10.2 m	Casing slide (« <i>Sabot de cuvelage</i> »): 0.5 m	Water flow rate: >1m³ per hour	After 2h: Clear
Technology used	Rotary jetting			
Pump	installation	Dates of water chlorination, ana	lysis et technical accept	ance of works
Type of hand-pu	mp: Canzee	1 <sup>st</sup> chlorination: 9/8/24		
Depth of check		2 <sup>nd</sup> chlorination: 14/8/24		
valve ("clapet")	8 m	3 <sup>rd</sup> chlorination: 19/8/24		
		Analysis: To follow		
		Technical acceptance: 24/8/24		
Note: One faile	d drilling attempt			

# **Borehole land agreement**

SOLO is the landowner of the land where the borehole was installed. He signed the written agreement for their donation of his land (located in the appendix) for the borehole at Ambohimita village.



The NTFBM technician interprets the soil samples taken during drilling at Ambohimita

# 4.2.5. Technical summary of Ambohipo Centre borehole

The team travelled to the site on the 30<sup>th</sup> July and completed work on the 23<sup>rd</sup> August 2024.

Region:	Vatovavy		Coographical coordinat	es (CDC readings).	
District:	Ifanadiana		Geographical coordinat	es (GPS readings):	
Municipality:	Tsaratanana		Longitude: 47°35′35.38″E		
Fokontany:	Ambohipo		Latitude: 21°10'21.22"S	5	
Site:	Ambohipo Centre		Altitude: 455 m		
Dri	Illing	PVC equipment	Measurements taken	Water turbidity	
Date start of drilling		-Diameter of PVC: 125 mm	Static level: 3.60 m	After 30min: Clear	
		Smooth tube length: 9.55 m	Dynamic level: 8.50 m  Duration of	After 1h: Clear	
Duration of drilling	· 	Strainer ("crepine") length: 1 m	development: 32 h		
Depth drilled	11.35 m	Upper side strainer ("crepine"): 9.55 m			
Depth equipped	11.35 m	Casing slide (« <i>Sabot de cuvelage</i> »): 0.8 m	Water flow rate: >1m³ per hour	After 2h: Clear	
Technology used	Rotary jetting				
Pump in	stallation	Dates of water chlorination, ana	lysis et technical accept	tance of works	
Type of hand-pum	p: <u>Canzee</u>	1 <sup>st</sup> chlorination: 11/8/24			
Depth of check valve ("clapet")	9 m	2 <sup>nd</sup> chlorination: 16/8/24			
		3 <sup>rd</sup> chlorination: 18/8/24 Analysis: To follow			
		Technical acceptance: 22/8/24			
Note: Two failed	drilling attempts				

# **Borehole land agreement**

SOAFENO is the landowner of the land where the borehole was installed. He signed the written agreement for the donation of his land (in appendix) for the borehole at Ambohipo Centre village.



Soil samples taken during drilling at Ambohipo Centre; the third drilling attempt was successful

# 4.2.6. Technical summary of Ambohipo Nord borehole

The team travelled to the site on the 30<sup>th</sup> July and finished work on the 23<sup>rd</sup> August 2024.

Region:	V	atovavy		Goographical coordinat	os (GDS roadings):	
District:	If	anadiana		Geographical coordinates (GPS readings):		
Municipality:	T:	saratanana		Longitude: 47°35'41.57	"E	
Fokontany:	Α	mbohipo		Latitude: 21°10'15.49"	5	
Site: Ambohipo Nord vill		mbohipo Nord villa	age	Altitude: 446 m		
	Drill	ing	PVC equipment	Measurements taken	Water turbidity	
Date start of d	rilling	4/8/24		C	After 30min: Clear	
			Diameter of PVC: 125 mm	Static level: 7.8 m		
Date end of dr	illing	5/8/24		Dynamic level: 10.4 m		
			Smooth tube length: 10.6 m		After 1h: Clear	
Duration of dri	illing	2 days	Strainer ("crepine") length: 1 m	Duration of		
			Strainer ( <i>Crepine</i> ) length. 1 m	development: 32 h		
Depth drilled		12.60 m	Upper side strainer ("crepine"): 10.60			
			m			
			Casing slide (« Sabot de cuvelage »):	Water flow rate: >1m <sup>3</sup>	After 2h: Clear	
Depth equippe	ed	12.40 m	0.8 m	per hour		
Technology use	ed	Rotary jetting	_0.8 m			
		tallation	Dates of water chlorination, ana	lvsis et technical accent	tance of works	
Type of hand-p	•			nysis et teemmear accept	unice of works	
Type of flatiu-p	Juliip.	Carizee	1 <sup>st</sup> chlorination: 5/8/24			
Depth of check	(		2 <sup>nd</sup> chlorination: 11/8/24			
valve ("clapet"	)	11.90 m	3 <sup>rd</sup> chlorination: 14/8/24			
			5 Chiorination, 14/8/24			
			Analysis: To follow			
			Technical acceptance: 22/8/24			
Note: No faile	ed dril	ling attempts				

# **Borehole land agreement**

RAKOTOZAFY is the landowner of the land where the borehole was installed. He signed the written agreement for the donation of his land (in appendix) for the borehole at Ambohipo Nord village.



Soil samples taken during drilling at Ambohipo Nord

# 4.2.7. Technical summary of Mahatsara borehole

The team travelled to the site on the 29<sup>th</sup> July and returned on the 16<sup>th</sup> August 2024.

Region: F	itovinany		Geographical coordinat	os (GDS roadings):
District:	kongo		Geographical coordinat	es (GPS readings).
Municipality:	mbohimisafy		Longitude: 47.5566564	4°E
okontany: Ambohimisafy			Latitude: 21.51184137°	S
Site:	Mahatsara village		Altitude: m	
Dril	ling	PVC equipment	Measurements taken	Water turbidity
Date start of drilling	30/7/24	Diameter of PVC: 125 mm	Static level: 3.3 m	After 30min: Clear
Date end of drilling	31/7/24	Smooth tube length: 9.65m	Dynamic level: 5.7 m	After 1h: Clear
Duration of drilling	2 days	Strainer ("crepine") length: 1.5 m	Duration of development: 32 h	, area in crear
Depth drilled	12.15 m	Upper side strainer ("crepine"): 9.65		
Depth equipped	12.15 m	Casing slide (« <i>Sabot de cuvelage</i> »): 1 m	Water flow rate: >1m³ per hour	After 2h: Clear
Technology used	Rotary jetting			
Pump ins	stallation	Dates of water chlorination, ana	lysis et technical accept	ance of works
Type of hand-pump	:Canzee	1 <sup>st</sup> chlorination: 1/8/24		
Depth of check		2 <sup>nd</sup> chlorination: 6/8/24		
valve ("clapet")	8 m	3 <sup>rd</sup> chlorination: to follow		
		Analysis: To follow		
		Technical acceptance: 15/8/24		
Note: No failed dri	lling attempts			

# **Borehole land agreement**

RAMADIO Alexandre is the landowner of the land where the borehole was installed. He signed the written agreement for their donation of his land (in appendix) for the borehole at Mahatsara village.



Soil samples taken during drilling at Mahatsara

# 4.2.8. The different stages in photos

The beneficiaries pray before the installation of the site to increase the chance of successful drilling work.





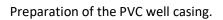
Drilling underway using rotary jetting technology.

Communities did their part by contributing to the project; here it is for the transport of water required during the drilling activities





... and here it is the preparation of the sand filter pack at the river.







Inserting the PVC well casing into the borehole.

Inserting the sand filter into the open space surrounding the well casing.





Borehole development using a rope pump. The water is very clear.

Building the surface structure: a concrete pedestal, sanitary apron, a soakaway ('sump') and a painted fence. The fence serves to prevent animals from entering the well area.





Technical acceptance of works.

Practical training of local maintenance technicians on handling and assembly of the Canzee hand-pump.



### 4.3. POST INSTALLATION PHASE

# 4.3.1. Water management committee creation

A water management committee was created for each borehole. It was decided that villagers must contribute to ensure the sustainability of the infrastructure, and households who do not pay their water users' fee (are over a month late in paying) will be penalised by the community. The following table shows the Water Management Committee creation date for each borehole and their contribution.

Site	Date of creation	Contribution as a water users' fee
Ambalahosy villlage	15/11/2024	2,000Ar/year/household
Ambodipaiso PS	29/8/2024	2,000Ar/year/household
Ambohimanarivo village	16/11/2024	200Ar/month/household
Ambohimita village	14/8/2024	500Ar/month/household.
Ambohipo Centre village	15/8/2024	500Ar/month/household.
Ambohipo Nord village	12/8/2024	500Ar/month/household
Mahatsara village	11/8/2024	2,000Ar/year/household

# 4.3.2. Training of the water management committee

# Training content:

- WASH and its links to nutrition, the environment and livelihoods.
- The roles and responsibilities of the different members of the committee, of FBM-NT and the local authorities.
- Types of management of water infrastructure, focusing on community management.
- Simplified management tools for accounting and reporting.
- Leadership, communication and conflict management.
- Water law in Madagascar.
- COVID-19 Protocol at the water point.

Participant list (for each borehole): 7 committee members, 3 local maintenance technicians, Village chief, The Community Outreach Worker, The FBM-NT Water Technician

The following table shows the Water Management committee training dates for each borehole and the trainer.

Site	Date of training	Name of trainer from FBM-NT
Ambalahosy villlage	18, 19, 20 November 2024	Hervé
Ambodipaiso PS	30, 31/8 and 1/9/2024	Hervé
Ambohimanarivo village	20, 21, 22 November 2024	Jeram
Ambohimita village	20, 21, 23 August 2024	Tahiana
Ambohipo Centre village	18, 20, 21 August 2024	Jeram
Ambohipo Nord village	18, 20, 21 August 2024	Jeram
Mahatsara village	12, 13, 14 August 2024	Hervé







Water management committee members in Ambalahosy village and Ambohimita village, Water management committee training at Ambohipo Centre and Ambohipo Nord village.

# 5. THE TEAM



The project officers: RAFARALAHY Jean Vasil & RABENANDRAZANTSOA Elisé



FBM-NT Technician (Dama) & Community Outreach Workers (Emmanuel, Hervé): Ambalahosy village



Community Outreach Worker (Jeram) & FBM-NT Technician (Mahafaly) : Ambohipo Centre village & Ambohipo Nord



FBM-NT Technician (Brian) & Community Outreach Workers (Hervé): Ambodipaiso PS and Mahatsara village



Community Outreach Workers (Tahiana) & FBM-NT Technician (Noémi): Ambohimita village



The drilling team for Ambalahosy:
RAINIZANANTSOA ANDRIAMIARINORO Chritian (Titan)
RANDRIANANDRASANA Rason Paul
SOLOFONIAINA Bruno Siméon



The drilling team for Ambodipaiso PS & Mahatsara village HAFINIMAMY Niraisaniaina RANDRIANANDRASANA Rason Paul RAMANANTSOA Pierre Toussaint



The drilling team for Ambohimita village RAZANADRAKOTO Michel François RAZAFITOKY Eric ANDRANDRAINA Christian



The local maintenance technicians (Ambohipo Centre): RANDRIAMAHITSY Niclas Pierrot HERISOA Evariste Pascal RAMAHATRADRAIBE Jean Denis



The drilling team for Ambohipo Centre & Ambohipo Nord village RAMAMONJISOA Lovaniaina RANDRIANASOLO Jean Fidèl RANDRIANANTENAINA Joseph



The local maintenance technicians Ambohipo Nord:
RANDRIAMANDIMBILAZA Victor
RANDRIAMPENOSON Carlos Philbert
RANDRIANIRINA Marcelin



The local maintenance technicians Ambalahosy :
RAMANANTOANINA
RAHARINJATOVO Ortin
RASOLOMANANKERY



The local maintenance technicians Ambodipaiso PS:
RASOLONIAINA Noemnjanahary Rodinah
TAHIRY Fahatsiarovana
TSILOVE Noré



The local maintenance technicians Ambohimita :

DERIC

SOLO

ZAFISAMBATRA Marcellin

## 6. CASE STUDY



FLORIANE GEORGINES, teacher at Ambodipaiso Primary School.

"My name is FLORIANE Georgine. I'm a single mother with one child, a boy, and I'm 29 years old. Thank you for giving us a clean drinking water infrastructure. We have problems accessing clean drinking water at school, especially during the preparation of the school canteen. But now we have water from a borehole near us and our school. We are very happy, thank you very much."

# ZAFILININA, 45 years old, lives in Ambohimita and has 4 children: 3 boys and 1 girl

"I'm very happy to have this infrastructure. We use the water from the river Sandrakely, which is very dirty. We thank you very much the team who put this infrastructure and their donors. Water is a life for us. Thank you."





DENISE lives in Ambohipo centre, she is 47 years old.

"Clean drinking water is a very important and essential part of life. We've had water supply problems for 30 years and the river we use is very polluted and contaminated. As I'm the only one using a latrine here, I'm committed to raising awareness among the population of the need to use latrines so that the borehole water is safe to drink all year round. As a member of the water point committee, I'd also like to encourage people to pay their dues/contribution to ensure the sustainability of our infrastructure."

### ZAINDAFY Christine, 40 years old

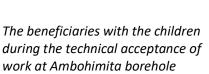
"My name is ZAINDAFY Christine, I'm 40 years old and I live in Mahatsara village. I have 5 children. Thank you for giving us clean drinking water infrastructure. I'm very because now we have this water that's more clean and safe."



# THANK YOU SO MUCH ADSUM FOUNDATION AND JIVINGYM - 'DANCE FOR LUCY'



The people at Ambalahosy borehole during the technical acceptance of works





### 7. APPENDIX

### Stratigraphic Profile of the Ambalahosy Borehole

#### PROFIL LITHOLOGIQUE Région : FITOVINANY Coordonnées géographique GPS District : IKONGO : 21° 57′ 38,9"S Lat Commune: AMBOLOMADINIKA : 47° 22' 48,2"E Fokontany: ANTAREHIMAMY Z (m): Village : AMBALAHOSY. Foration **Equipement PVC** Mesure prise Observations Date début travaux: 05-11.24 Diamètre PVC: 125 mm NS: 3,10 m 16.11.24 Date fin travaux : Long. Aveugle: /13:30 m ND: 7,50 Prof. forée 15,80m Long. Crépine : 2 m Durée développement Prof. équipée 15,80m Cote sup. crépine : 13,30 m min Technologie Sabot: 0,50 m Débit : >/m/h Jetting. Installation de la pompe Type de pompe C : PVC Crépine e : éboulement A : PVC Aveugle S: sabot canzee Cote sup. pompe (m) b : bouchon d'étanchéité G: Gravier filtre (massif filtrant) 09m. Coupe Technique Type de sol Prof.(m) Description du sol Dur/ tendre fin/ Couleur (s) (Lithologie) grossler du sol Terre Vegetale Tender Noir Argile Tendre Janne 1130m b Argila Tendre Rouge. 31m Sable Argileux Tandre 3,50m Sable moyenne Tendre Jaune hisom 5m Roche alteré Dur Brun - 5,30m Sable fin guis. Tendre 6,50m A Sable moyenne - 6,75m Tendice gris. Roche alteré Dur Brun | Noir 900 G Roche alteré Tendre Blanc/Noir 10,80m Sable moyenne compacti Blanc/Nois Atm Sable moyenne compacté Blanc 12,20m 13,30 C moyenne Blanc/Noir compacti 115m 15,30 S Blanc/Noir DUIT Вгипо

# Stratigraphic Profile of the Ambodipaiso PS Borehole PROFIL LITHOLOGIQUE

Région : VATEVAVY						Coordonnées géographique GPS			
District :	: KON	.0				Lat : _ 21 . 52033466			
Commune	e: AMB	YARSIMIHO				Long : 4	7.58	438089	
Fokontan	Y: AMB	02124160				Z (m): -			
Village :		BOSIDAISO							
		tion	Equi	pemen	t PVC	M	esure prise		Observations
Date début travaux: パマパロタリエル		Diamètre PV	C:	mm	NS: 03,10		m		
Date fin t	ravaux :	17/08IEH	Long. Aveugl	e :	m	ND: 13		m	]
Prof. foré	e	16,30m	Long. Crépine	e :	1,50 m	Durée dévelop	pement	h 28 R	_
Prof. équ	ipée	16,30,17	Cote sup. cré	pine :	m	TR ,I.I.		min	
Technolo	gie	Zota Jeting	Sabot:		.1 m	Débit: > 1	m3/h		•
In	Installation de la pompe		· Parks			Notes			
Type de pompe Buen Zoc			C : PVC Crépi	ine	e : éboulemei	nt A:PVC Aveu		sabot	
Cote sup	. pompe (n	n) 15,80m.	b : boucho	n d'étar	nchéité	G : Gravier fi	ltre (massif	filtrant)	
Coupe Te	echnique	Type de sol	Prof.(m)	Des	cription du so		Dur/ ter grossier	ndre fin/	Couleur (s) du sol
4	1	(Lithologie)	Cracm	7	ecra Vega	tal	tend		Nois
G	G		- 2m - 2,1com - 3,4cm - 4,50 - 5,n	6	. + 63	ble michwe	tene	he	Ponge stes Rouge at s Rouge at s Blance
	-		7,60m 7,60m -3m	_15	34 5L		tend	, co	blane
Ь	b	100 000 000	- lom		Δ		Tene		Jaunne ale
			-Dm				2.1 8.90		Rouse ite
			-12m		L+GC		tene		
			. 13.50 . 13.50	_S	ersi	ço'	Ten		Bria 2000 at
	C		. Ism		33		dur		Dongs at
	5	********	16 m	115	1sc		Toes	dur	ous
<u> </u>	'	TIL PARTER.	-		I SCALLED LE				

## Stratigraphic Profile of the Ambohimanarivo Borehole

#### **PROFIL LITHOLOGIQUE** Région : Coordonnées géographique GPS District : - 21.3371 385 61 50 518. Fokontany: Z (m): Village : **Equipement PVC** Mesure prise Observations Date début travaux: Diamètre PVC : 125 mm 1,55 e=0,30m 13/11/24 ND: 3, 80 Date fin travaux : Long. Aveugle: 8,20 m Prof. forée Long. Crépine : 4,50 m Durée développement Prof. équipée Cote sup. crépine : 5 8,20 · m 10 m 30 Technologie Sabot: 71m3/h JeTling 2,60 m Installation de la pompe Notes Type de pompe C: PVC Crépine e : éboulement A : PVC Aveugle S: sabot Con Zee Cote sup. pompe (m) b : bouchon d'étanchéité G: Gravier filtre (massif filtrant) Coupe Technique Type de sol Prof.(m) Description du sol Dur/ tendre fin/ Couleur (s) (Lithologie) grossier du sol On MARON Tenne Vegetal. TEMDRE. 0,30 m LATERITE TENDRE JAHAE 0, 60 m TENDRE ARGIL + GALET JULLA 1,20 m MARON S1+ ARGIL TENDRE CLAIRE 2,50 m (A) BRIN TENORE SI + LIMON + MICATS. 3,50 m S1+ S2+ ARGIL+ MCA GRISATRE TENDRE 4 m GRIS FON LITTON SABLEUX(S1) TENDRE 4,50m S1 +S2+ ALTERATION HICK BRIN PAL TENDRE 5m 5,50 m GRISTRE DUR. S1+S2 (COMPACTE) FONCE 6, 50 m JAHNATRE SABLE COMPACTE DUR. 3m NOIRATRE DUR. SABLE CONSOLLOE 10,40 m DUR. SOCLE NOIR. 10,60 m

# Stratigraphic Profile of the Ambohimita Borehole

Région : VAT	VAVY.			Coordonnées	géographic	que GPS		
	1441014			Lat : _ 9	Lat : - 21, 05079H5			
Communa				Long : 47,612H8H7				
	RATINA			Z (m): H				
- KM	BOHIMITA	<u> </u>						
Fora		Equip	ement PVC	M	esure prise		Observations	
Date début travaux:	07/08/24	Diamètre PVC	: 125 mm	NS:3,40.		m	e=0,300	
Date fin travaux :	01/08/24	Long. Aveugle	: 8, 30. m	ND: 9,50		m	2 m trous	
Prof. forée	No m 50	Long. Crépine		Durée dévelop	pement	h	7	
Prof. équipée	10m 20.	Cote sup. crép		TR LO		min	7	
Technologie	SETTING.	Sabot:	0,50 m	Débit: Am	3/h.			
Installation		NAME OF THE	tyrialis i respise	Notes	11.5	O CHIEF		
Type de pompe	Can Zee	C : PVC Crépin	e e:éboulem		gle S:	sabot		
			d'étanchéité	G : Gravier fil		filtrant)		
Cote sup. pompe (m							Couleur (s)	
Coupe Technique	Type de sol (Lithologie)	Prof.(m)	Description du s	OI	Dur/ ter		du sol	
		1,20 m	hrgile S2-		TEN	DOR		
			S2 -	_	TEN	IDPE	3 KM D	
	+ G . T . C. Q	2m50.	SETS 1		TEN	DUE	ZUNE	
	~ 1 2 - 0 7	, , , , , ,	52+ MI	CN.	TEN	DRF.	AUNA	
N 180	7:/://	6 m	SI - COMP	LCTE	DUR		ZMMNE	
000	1/1/	4 Am	SA - COH	PACTE	DIL	Ω,	GRISATE	
60	0//1/	4m40	PARLE LOI	1 PY CIE 4M	EV DA		GRIS.	
00		7, 8m		TETMICH.		UR.	GRIS	
000	0 -/:/://	5,20 m		CTE+MCA	12 1076	WR.	GRIS of	
		9,40m	S3 COHPA	LTE	PI	R.	GRIS et	
500	0 //////	40m30 -	S2 COH		PH	ρ,	GRIS.	
	1////		SOCLE	• •	اه	IR.		
1///	11/	10 m 50.						
		1						
1///								
	///		1				All the programmes and the second	
Dinhau.	chods tran			7	EAH	0	Gar	

# Stratigraphic Profile of the Ambohipo Centre Borehole

# 3 ême Trou Réussit

		PROFIL LI	ITHOLOGIQUI	<b>.</b>			
				Coordonnée	s géographiqu	ie GPS	1 = 1
Région: Vatoravy				Lat : 3	21°10'	21.22	Sud
District: Ifanodian				Long :	47035	35.3	8"Est
Commune: Isanatan					55 m		
Fokontany: Ambdij		1		(		-9 1 1 1 1 1 1 1	Observations
Village: Ambahi	so Cas	Equipemen	it PVC	<b>有一种情况</b>	Mesure prise		一个一位现在
Foration	0.101	Diamètre PVC:	125 mm	NS: 3	,60	m	
	8124	Long. Aveugle :		ND: 8	,50	m	-
-	8/24	Long. Crépine :	9,55 m	Durée dév	eloppement	h	1
	35m	Cote sup. crépine :		TR	4	min	_
	35 m		0180 m	Débit :	1	m3/h	
	ling	Sabot:	Upto many amount of the	E STEELS	CHINE PARTY		
	ngle m	C : PVC Crépine b : bouchon d'ét	tanchéité		Aveugle Sier filtre (mas	sif filtrant)	Couleur (s)
Coupe Technique Typ	e de sol	Prof.(m)	Description du	sol	grossi		du sol
		0m -	Tenno V	raitale	Te	ndre	Marron
		_	Angi	egétale la	T	endre	Grange
	7////	1,70m_	Grà		1	endro	Marron
A		4,20m 5,20m	S2 +	Galet	-	Tendre	Brun
9,50,-	D. D.	Δ' 6m_	521	· S1	-	Tendre	GN's parl
	, b, D, b, b, a, b	D C	S1+8	2+600	et 7	Endre	Blan
		<u>A</u>	52+	Galet	-	Tendre	Blanc
	u . o . c	10,50m	51			Tendre	Gnis
F = 1	0000	10,50m _	Sat	Galet		Tendre	Blanc
5	7277	2		clet-		Dun	
	(7)	1135m	30	1		Mun	Frie
J-1- Mal	hafoly		4	1	Hole E		

# Stratigraphic Profile of the Ambohipo Nord Borehole

avu		Coordonnées géo	graphiqu	ie GPS	2.1
		Lat : 2 1	°40'	15. 4	9 " Sud
natanana		Long : 47	25	41.5	7"EJ
mbohi po		z(m): 44	6 m	n	
bohi po Nonds				The Property Control	Observations
tion Equi	ipement PVC	10 TO	ure prise	STATE OF STATE OF	628(68784)686
4-18124 Diamètre PV	/c: 125 mm	NS: 7,80		m	
5/8/24 Long. Aveug	le: 10,60 m	ND: 10,4		m	
12,60m Long. Crépin	ne: 1 m	Durée développe	ement 🌭		1
12,40m Cote sup. cre	épine: 10,60 m	TR 6		min	1
Jetting Sabot:	0,80 m	Débit: 1		$m^3/h$	100 may 121 h artist
de la pompe	operated to the	Notes			
Canza C: PVC Crép	pine e : ébouleme	ent A:PVC Aveugl		sabot	
n) 11, 90m b: boucho	on d'étanchéité	G : Gravier filt	re (massif	filtrant)	
Type de sol Prof.(m)	Description du se	ol	Dur/ter grossier	ndre fin/	Couleur (s) du sol
(Lithologie)	2017 - E 2018 ANT 12 A COLUMN				
_ 0m_	T. 115	at la	Ten	dre	Havron
0,5m	Terre ve	4100		ndre	Joura
2m_	The state of the s		1897		
b	Angile		Te	indre	Saune
3,8m	Gran		Ts	andre	Blanc
5,5m	God -		Te	ndre	Brun
6,8m	S2 + G	ralet	D.	un	Brun
G D D D B, 50m	50 + 50 +	- Galet	Do	un	Brun
משמש	Galet		I	Dun	fon o Brun pale
	Roche	Dan	Ī	Dun	Gnis
2 <sup>?</sup> 2 <sup>?</sup> 2 <sup>?</sup> 2 126m	Sall	e.	I	Dun	Woin
( ( ) Scom		8	/		
20 8 0 0 0		i	Note	ue_	
Mahafaly	. 10	1	How How	1647 j	la .

# Stratigraphic Profile of the Mahatsara Borehole

Région	: VA7	044	AVY				Coordonnées			
11 N 14 N					Lat : - 21 · 541 8 44 37					
Commune: AMBOHIMIDAFY					Long : 47.55665644					
			IIMISAFY				Z (m): -			
Village			TOARA							Observations
23.		oratio		Equip	emen	t PVC	Hart Branch	esure prise	Ty Vi	Observations
Date o	lébut trava	aux:	H2140126	Diamètre PVC	:	125 mm	NS: 03, 30	0	m	
Date f	ìn travaux	;	3A10712H	Long. Aveugle	:	m	ND: 05, 70	)	m	
Prof. f	orée		12,15 m	Long. Crépine	:	7'20 m	Durée dévelop	pement	h 30A	
Prof.	équipée		12,15 m	Cote sup. crép	ine :	09,65m	TR 03		min	
Techn	ologie		Dota Selling	Sabot:		<u></u> M m	Débit: > 1 r	n <sup>3</sup>		
EN A TO	Installat	ion de	la pompe	SERVICE STATE			Notes		14.5	
Туре	de pompe	3.3417	Canzee	C : PVC Crépir	ne	e : ébouleme	nt A:PVC Aveu	gle S	: sabot	
	sup. pomp		08m	b : bouchon	d'éta	nchéité	G : Gravier fi	ltre (massi	f filtrant)	
	e Techniq		Type de sol	Prof.(m)	De	scription du so	No. System		ndre fin/	Couleur (s)
15162	ED ALF		(Lithologie)	monco	1	ralet de a	warta.	grossier	EXISTING D	Jaune
				- 2m - 3,50m - 4m - 4,50 m - 5m	خد	12 52+52 12 52+52	o'.	ten	dre	onis atre
G		G		7.50m 3.30m		res non	·qe	Du Du	x	Ronge
			200	1 3 150 m	_:>	2403		tex	when	Blance
	c		1000	ייים	5	1+5a 705	10 Sc	ten	die	cris athe
	3	1		Ling U, som		oetos mes			du	Dlanc Noir
								1		- E g
DEAT	11	<u> </u>					FOREURS _			7.
TIEAH		ot nian	£			3	7	CE-10. H	AMY C	by Tours

# Technical acceptance of works form Ambalahosy



### NY TANINTSIKA - FEEDBACK MADAGASCAR

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Près Lot 089 / 3606-02 Ivory Avaratra, BP 1345, Fianarantsoa 301 Tel: 75 512 43





Lanintsika	Email: nt.fnr@moov.mg	MADAGASCAR TY
	www.feedbackmadagascar.net	
PROCES VER	BAL DE RECEPTION PROVISOIRE DES	STRAVAUX
Projet de : Mise en place d'une infras humaine	tructure d'adduction d'eau potable par forage	équipé d'une pompe a motrice
Maitre d'œuvre : Ny Tanintsika		
Maître d'ouvrage : C.R. AME	BOLOMADINIKA	
Maitre d'ouvrage délégué : MINIS Financement : JIVIN GYM –	"DANCE FOR LUCY"	SEMENT ET DE L'HYGIENE
Titulaire: Ny Tanintsika RRA		
membres cités ci-dessous s'es pompe à Motrice HumaAMBALAHLOSY Commune AMBOLOMA District		place d'un forage équipé d'une , dans le village de AREMAMY
ETAIENT PRESENTS		
-	Benoit.	
Après la visite des travaux, la contractuel et répondent dans de l'art. La réception technique des tra	commission a constaté que les travaux l'ensemble des exigences du Marchés e vaux a donc été prononcée à la date ci-de	ont été exécutés dans le délai t sont conformément aux règles
Néanmoins, la commission a é	mis les réserves suivantes :	
-		
Le titulaire est invité à exécuter les	travaux nécessaires.	
Ont signé  Comprune  Compr	Ontany -	ONG Ny Tanintsika
The Millian Grant Control	The second second	RISON Benoit
	RANDRIANA	KI JULY DELICIE

# NY TANINTSIKA – FEEDBACK MADAGASCAR



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Près Lot 089 / 3606-02 Ivory Avaratra, BP 1345, Fianarantsoa 301 Tel: 75 512 43 Email : nt.fnr@moov.mg

HEEDELEK MADAGASCAR

Open condition that is the management	www.feedbackmadagascar.net	# 1
PROCES VERB	AL DE RECEPTION PROVISOIRE DES T	TRAVAUX
Projet de : Mise en place d'une infrastr humaine	ucture d'adduction d'eau potable par forage éq	uipé d'une pompe a motrice
Maitre d'œuvre : Ny Tanintsika		
Maître d'ouvrage : C. R. AMBOHI		
Maitre d'ouvrage délégué : DREA l		180
	104 / Jivin Gym - Dance Fox	Lucy
Titulaire: Ny Tanintsika RRA		•
membres cités ci-dessous s'est pompe à Motrice Humain	du moisdeSeptambre, un rendue sur le site du Projet de mise en pl e (FPMH)pampeCanzee Fokontany(Ambal) RégionFitaU n Technique des travaux du dit chantier.	ace d'un forage équipé d'une , dans le village de , la mna ) Ambadigators
ETAIENT PRESENTS		
- PAHERINANDRIANA	Angella Appollipaire. HA	RE
- RAHDRIAMAHEFA	Chef de FKT Ambodija	llo
- RAZAFIHLRIHA Z	Argello Appolloloraino. MA — Chef de FKT Ambodipa Brian — TIEAH DHG Hy Ta enilonialna Charlot - Adjoin	mintrika I au haire
contractuel et répondent dans l' de l'art.	ommission a constaté que les travaux or ensemble des exigences du Marchés et sc	ont conformément aux règles
	ux a donc été prononcée à la date ci-dessu	is mentionnee.
Néanmoins, la commission a émi		
- Analyse de la gualite - Suivi	E. d'esa	
-		
Le titulaire est invité à exécuter les tra	avaux nécessaires.	
Ont signé Le Maire		
Le Fokon Le	THE PURCH	Brian_
· · · · · · · · · · · · · · · · · · ·		

### Technical acceptance of works form Ambohimanarivo

# NY TANINTSIKA - FEEDBACK MADAGASCAR Lot II M 98 i Antsakaviro, Antanananvo 101 Tel / Fax: 22 638 11 foundation Près Lot 089 / 3606-02 Ivory Avaratra, BP 1345, Fianarantsoa 301 Tel: 75 512 43 anIntsika Email: nt.fnr@moov.mg www.feedbackmadagascar.net PROCES VERBAL DE RECEPTION PROVISOIRE DES TRAVAUX Projet de : Mise en place d'une infrastructure d'adduction d'eau potable par forage équipé d'une pompe a motrice Maitre d'œuvre : Ny Tanintsika Maitre d'ouvrage délégué: Mijnistère de l'eau, d'assainissement et de l'hygiène Financement: Titulaire: Ny Tanintsika RRA L'an ... 2024 et le 23 du mois ... Nove intre ..., une commission composée des membres cités ci-dessous s'est rendue sur le site du Projet de mise en place d'un forage équipé d'une pompe à Motrice Humaine (FPMH) Canada, dans le village de Commune I farradiana Région Vatorio en vue de procéder à la réception Technique des travaux du dit chantier. **ETAIENT PRESENTS** RAHERINDRAY Davidson Chaf Folenting Ambriale, RAZATIMANUMBY Charles - Ampanyaka: ANDRIMASOLO Juran - ONO My Taninterka Après la visite des travaux, la commission a constaté que les travaux ont été exécutés dans le délai contractuel et répondent dans l'ensemble des exigences du Marchés et sont conformément aux règles La réception technique des travaux a donc été prononcée à la date ci-dessus mentionnée. Néanmoins, la commission a émis les réserves suivantes : Le titulaire est invité à exécuter les travaux nécessaires Ont signé RAZATTHANDIHBY Charles Commune ntany nr L'ONG Ny Tanintsika - CEINTANT FROBRIANASOLD JEINE MAHERINDRAY Davidson

# Technical acceptance of works form Ambohimita

# NY TANINTSIKA – FEEDBACK MADAGASCAR



Lot II M 98 i Antsakaviro, Antananarivo 101 Tel / Fax: 22 638 11



Près Lot 089 / 3606-02 Ivory Avaratra, BP 1345, Fianarantsoa 301 Tel: 75 512 43 Email : nt.fnr@moov.mg



PROCES VERBAL DE RECEPTION PROVISOIRE DES TRAVAUX
Projet de : Mise en place d'une infrastructure d'adduction d'eau potable par forage équipé d'une pompe a motrice humaine
Maitre d'œuvre : Ny Tanintsika
Maître d'ouvrage: CR Thanatanana
Maitre d'ouvrage délégué: DREAM Vatorasy
Maitre d'ouvrage délégué: DREAM Vatorasy Financement: JIVINGYM, & DANCE FOR LUCY M
Titulaina - Ny Tanintsika RRA
L'an 1014 et le 24 du mois
ETAIENT PRESENTS
ZAFIROLO, Chof Fohentany  BOTOHITA, Tangalamena  BAKATOADI MANANA NY BINA NOMI TIERH ONGNY TOUNTRE  ANDRIANOTHHINTANAHARY Fohomozantron M, 80ERH ONG NY TOUNTRE  LAZAFIROA Framanuel, Flohan' ny CDE Lournog
Après la visite des travaux, la commission a constaté que les travaux ont été exécutés dans le délai contractuel et répondent dans l'ensemble des exigences du Marchés et sont conformément aux règles de l'art.
La réception technique des travaux a donc été prononcée à la date ci-dessus mentionnée.
Néanmoins, la commission a émis les réserves suivantes:  - Inalyse de la pualité de llace du frage - Buirie du frage
Le titulaire est invité à exécuter les travaux nécessaires.  Ont signé  RAZAFISOR (Trocka etc.)
Commune L'ONG Ny Tanintsika

# Technical acceptance of works form Ambohipo Centre

# Ny Tanintsika

# NY TANINTSIKA – FEEDBACK MADAGASCAR

Lot II M 98 i Antsakaviro, Antananarivo 101 Tel / Fax: 22 638 11

Près Lot 089 / 3606-02 Ivory Avaratra, BP 1345, Fianarantsoa 301 Tel: 75 512 43 Email : nt.fnr@moov.mg



PROCES VERBAL DE RECEPTION PROVISOIRE DES TRAVAUX
Projet de : Mise en place d'une infrastructure d'adduction d'eau potable par forage équipé d'une pompe a motrice humaine
Maitre d'œuvre : Ny Tanintsika
Maître d'ouvrage: CR TSARATADADA Maître d'ouvrage délégué: Ministère de l'eau, d'assainissement et de l'hygien
Maitre d'ouvrage délégué: Ministère de l'eau, d'assaintes enem et de
Financement: ADSUM
Titulaire: Ny Tanintsika RRA
L'an
ETAIENT PRESENTS
MAROLAHY Payl (Maire)
NDLIANEKENA HOSTEVER PROJUMENTAL RAKOTONIRIAN JEAN HARREL - Ray awar dleng AND DRIANACON JEVAN - ONE MY JAMENTS: 1-
Après la visite des travaux, la commission a constaté que les travaux ont été exécutés dans le délai contractuel et répondent dans l'ensemble des exigences du Marchés et sont conformément aux règles de l'art.
La réception technique des travaux a donc été prononcée à la date ci-dessus mentionnée.
Néanmoins, la commission a émis les réserves suivantes :
•
• ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Le titulaire est invité à exécuter les travaux nécessaires.
Ont signé
AN JALI AN ASO W
MA TOLLER Paul Levino Just Busch

# Technical acceptance of works form Ambohipo Nord

# mport of the

ntsika

# NY TANINTSIKA – FEEDBACK MADAGASCAR

Lot II M 98 i Antsakaviro, Antananarivo 101
Tel / Fax: 22 638 11
foun

Près Lot 089 / 3606-02 Ivory Avaratra, BP 1345, Fianarantsoa 301 Tel: 75 512 43 Email : nt.fnr@moov.mg



PROCES VERBAL DE RECEPTION PROVISOIRE DES TRAVAUX
Projet de : Mise en place d'une infrastructure d'adduction d'eau potable par forage équipé d'une pompe a motrice humaine
Maitre d'œuvre : Ny Tanintsika
Maître d'ouvrage: CR TCARATANANA. + + to 11 hu signs
Maître d'ouvrage: CR TC herthall .  Maître d'ouvrage délégué: Mainistère de l'eau, d'assainissement et de l'hypiène.
Financement: ADSUM
Titulaire: Ny Tanintsika RRA
L'an 2024 et le 22 du mois Aout , une commission composée des membres cités ci-dessous s'est rendue sur le site du Projet de mise en place d'un forage équipé d'une pompe à Motrice Humaine (FPMH) au le village de Ambolisse Novi , Fokontany Ambolisse, Commune Isanadama , Région Jatonary
en vue de procéder à la réception Technique des travaux du dit chantier.
ETAIENT PRESENTS
- MARCIAHY Raud (Maira) - LAMBRITAN JOSEPH Super FXT (Pombling) - Pakoto zafy Pyl - NSPIANCKENA HOSTONICA (FRIDER (ATEAH.) - MUNDIAN + SUO JEVAN
Après la visite des travaux, la commission a constaté que les travaux ont été exécutés dans le délai contractuel et répondent dans l'ensemble des exigences du Marchés et sont conformément aux règles de l'art.  La réception technique des travaux a donc été prononcée à la date ci-dessus mentionnée.
Néanmoins, la commission a émis les réserves suivantes :
•
Le titulaire est invité à exécuter les travaux nécessaires.
Ont signé
Commune L'ONG Ny Tanintsika  PORCATTY Paul  Tenam
r util and total Fresh

# Technical acceptance of works form Mahatsara

# NY TANINTSIKA – FEEDBACK MADAGASCAR



Lot II M 98 i Antsakaviro, Antananarivo 101 Tel / Fax: 22 638 11

Près Lot 089 / 3606-02 Ivory Avaratra, BP 1345, Fianarantsoa 301 Tel: 75 512 43 Email : nt.fnr@moov.mg



Titili Coupatini adaga o sa met	_
PROCES VERBAL DE RECEPTION PROVISOIRE DES TRAVAUX	
Projet de : Mise en place d'une infrastructure d'adduction d'eau potable par forage équipé d'une pompe a motrice humaine	
Maitre d'œuvre : Ny Tanintsika	
Maître d'ouvrage : C. R AMBOHIMISAFY	
Maitre d'ouvrage délégué: DREAH FITOVIHAHY	
Financement: ADSUM FOUHDATION	
Titulaire: Ny Tanintsika RRA	
L'an 2024	
ETAIENT PRESENTS	
- RAHERINAMARIANA Angello Apollinaire Maire C. & Ambolim	safy.
- BAOHAFA - Chef de FKT Ambakiming	• /
- RAVOTIANA LOUIS Brian - TIEAH OHO My Tanintrika	
- ALIBERA President CPE	
THE STATE OF THE S	
Après la visite des travaux, la commission a constaté que les travaux ont été exécutés dans le délai contractuel et répondent dans l'ensemble des exigences du Marchés et sont conformément aux règles de l'art.  La réception technique des travaux a donc été prononcée à la date ci-dessus mentionnée.  Néanmoins, la commission a émis les réserves suivantes :  - Analysa, de la qualite d'eau du forage	
•	
Le titulaire est invité à exécuter les travaux nécessaires.	
Ontspré	
L'ONG Ny Indinesika  L'ONG Ny Indinesika  Brian	
Angello Appollinaire	

# Land Agreement letter – Ambalahosy & Ambodipaiso PS

Numéro du point d'eau: Coordonnées Géographiques Latitude: Longitude: Altitude:



## TARATASY FANOLORANA TANYHANORENANA FATSAKANA FORAGE (FPMH)

•	Izaho: RAHARIZATONO Jean Claude
	Teraka tamin'ny: Vass 19.67 tao Fort - Cannot
	Moninaao: Ambalahosy
	Tompon'ny karampanondro laharana faha: 21.011.008.23.4.
	Nalaina tao: Fort Carnot tamin'ny 10 Août 1988
	Zanakin'i: TSIMANY (1) sy RASITERA (1)
	Dia manaiky marina fa nanolotra ny sombin-taniko 5X6 m², hanaovana fatsakana forage hon'nymponina eto
	Mba hikajiana manokana ny fahasalamam-bahoaka dia manaiky ihany koa aho fa hanaja antsakany sy andavany ireo fepetra fototra hitandrovana ny fahadiovan'ny rano toy ny tsy fanorenana lavapiringa sy ny toerana fiompiana biby toy ny omby, kisoa, akoho, snsa min'ny 20 m manodidina iotoeram-patsakanio.
	Natao teto Ambalahany Ny AS /M/24.
R	tompon'ny tany solontenan'ny fokonolona  CARS PAHARIZATOVO MAHATONGA ROMECU'N TERM CLOUDE MROWN RASAMY
	NyTanintsika  NyTanintsika  LE CHEF FOKONTANY  A Kove  RELIGIONE LA COMMUNE  RELIGIONE L

Numéro du point d'eau: Coordonnées Géographiques Latitude: Longitude: Altitude:



# TARATASY FANOLORANA TANYHANORENANA FATSAKANA FORAGE (FPMH)

IZAHO: RANDRIAMAHEFA	
Izaho: RANDRIAMAHEFA Teraka tamin'ny: 1986	too Jolongoine
Moninaao: Ambala fasina	
Tompon'ny karampanondro laharana faha: 211.09.1	012397
TKO NGO	29/02/2009
Zanakin'i: BoToZAGy sy B	AOKAMISY JUSTINE
Dia manaiky marina fa nanolotra ny sombin-tanik hon'nymponina eto Am 30 CL h Cl 160 fampidirana rano fisotro madio forage FPMH (Forage Equipé	o 5X6 m², hanaovana fatsakana forage
Mba hikajiana manokana ny fahasalamam-bahoak antsakany sy andavany ireo fepetra fototra hitandrova fanorenana lavapiringa sy ny toerana fiompiana biby toy n manodidina lotoerám-patsakanio.	na ny fahadiovan'ny rano toy ny tsy
Natao teto Ambodija iso Ny 20	0/08/24
tompon'ny tany solontenan'ny fokonolona PAC RANNA AMAHEFIH EXI	v, Pascal Zovlin
	nina Le Meira

# Land Agreement letter – Ambohimanarivo & Ambohimita

Numéro du point d'eau: Coordonnées Géographiques	Ny Tandaska Managanan
Latitude: Longitude: Altitude :	adsun
TARATASY FANOLORANA TANYH	ANORENANA FATSAKANA
FORAGE (FP	MH)
Izaho: Plato Pernampionona Donald Sim	
Teraka tamin'ny:	teo Ifanadiana
Moninaso: An Position named	
Tompon'ny karampanondro laharana faha:206., 0.3	
Nalaina tao: Ifanadiana tamin'	
Zanakin'i Bandriambololona Remain J. S. sy. 9	dazanadratea Philippine
Dia manaiky marina fa nanolotra ny sombin- hon'nymponina eto	araka any teknika juipé d'une Pompe à Motricité Humaine). hoaka dia manaiky ihany koa aho fa hanaja rovana ny fahadiovan'ny rano toy ny tsy
Natao teto	15/22/ 2024
tompon'ny tany solontenanjoy fokonolona edi-mandinen chi solomany tional simon salaisoa na mbi wan solonald simon salaisoa na mbi wan solonald simon	erles
NyTanintsika fokontany k Plantan Camban Jenam RAPERINDRAY Davidson	aominina

Numéro du point d'eau: Coordonnées Géographiques Latitude: -2L, OSO 80 Longitude:  $\P\P$ , 642,63 Altitude:  $\P\P$ 



# TARATASY FANOLORANA TANYHANORENANA FATSAKANA FORAGE (FPMH)

	Izaho: SDLO
	Teraka tamin'ny: Vena 1973 tao AMBOHINATA
	Moninaao: AMBOHINATA
	Tompon'ny karampanondro laharana faha:206.031002.356
	Nalaina tao:
	Zanakin'i: TALATA Ray Milia (fast sy BADZANTRY Gas)
	Dia manaiky marina fa nanolotra ny sombin-taniko SX6 m², hanaovana fatsakana forage hon'nymponina etoAMBOKI.MICA
	Mba hikajiana manokana ny fahasalamam-bahoaka dia manaiky ihany koa aho fa hanaja antsakany sy andavany ireo fepetra fototra hitandrovana ny fahadiovan'ny rano toy ny tsy fanorenana lavapiringa sy ny toerana fiompiana biby toy ny omby, kisoa, akoho, snsa min'ny 20 m manodidina iotoeram-patsakanio.
	Natao teto AUGO HIMIA Ny 09/08/2014
	tompon'ny tany solontenan'ny fokonolona
	SMID BOTOHAFA
	Sold
	NyTanintsika
ANDRIAN Tanome	DO TACHOSANIANA MARY PAUL
Milai	onfu . Zatirsolo

# Land Agreement letter – Ambohipo Centre & Ambohipo Nord

Numéro du point d'eau: Coordonnées Géographiques Latitude: Longitude: Altitude :



# TARATASY FANOLORANA TANYHANORENANA FATSAKANA FORAGE (FPMH)

	Izaho:SOAFEND
	Teraka tamin'ny: VERS 1982 tao AMBOHIPO
	Moninaao:AMBDHIPD
	Tompon'ny karampanondro laharana faha: 206032 009543
	Nalaina tao: IFANADIANA tamin'ny 09 Decembre 2022
	Zanakin'i: ZAFIMARO (Feu) Sy DEDIVAD (Feu)
·	Dia manaiky marina fa nanolotra ny sombin-taniko 5X6 m², hanaovana fatsakana forage hon'nymponina eto
	Mba hikajiana manokana ny fahasalamam-bahoaka dia manaiky ihany koa aho fa hanaja antsakany sy andavany ireo fepetra fototra hitandrovana ny fahadiovan'ny rano toy ny tsy fanorenana lavapiringa sy ny toerana fiompiana biby toy ny omby, kisoa, akoho, snsa min'ny 20 m manodidina iotoeram-patsakanio.
	Natao teto Ambahipo Cente Ny 18 Arit 2024
	SOAFENO Solontenan'ny fokonologia  RAKOTONIRINA SCAN Marcel  FALSON, PIERRE  RANDRIA MAHTISY NICOLAR PLETROT
ANDRIA	NyTanintsika  NASO ID  AAM  Paul

Numéro du point d'eau: Coordonnées Géographiques Latitude: Longitude: Altitude:



# TARATASY FANOLORANA TANYHANORENANA FATSAKANA

FORAGE (FPMH)

Izaho: DAKOFOZAFY
Teraka tamin'ny: 18 Juillet 1960 tao Ambolnipo
Moninaao: Autolipo Nord
Tompon'ny karampanondro laharana faha: 206 381 004 348
Nalaina tao: Ifanadiana tamin'ny 02 mai 1984
Zanakin'i: Boletone sv Sognivelo
Dia manaiky marina fa nanolotra ny sombin-taniko 5X6 m², hanaovana fatsakana forage
hon'nymponina etoaraka any teknika
fampidirana rano fisotro madio forage FPMH (Forage Equipé d'une Pompe à Motricité Humaine).
Mba hikajiana manokana ny fahasalamam-bahoaka dia manaiky ihany koa aho fa hanaja antsakany sy andavany ireo fepetra fototra hitandrovana ny fahadiovan'ny rano toy ny tsy fanorenana lavapiringa sy ny toerana fiompiana biby toy ny omby, kisoa, akoho, snsa min'ny 20 m manodidina lotoeram-patsakanio.
Natao teto Amborupo Nord Ny 84 April 2024
tompon'ny tany solontenan'ny fokonolona  NA PAS ON ROJEY  DO ROTOR JA LEVELO IN A  LEMIRAY
Myraintsika  ANDRI ANDRISALO  JERAM  LITHIPHTER DE PL

Numéro du point d'eau: Coordonnées Géographiques Latitude: Longitude: Altitude :



# TARATASY FANOLORANA TANYHANORENANA FATSAKANA FORAGE (FPMH)

Izaho: RXHADIO ALEKANDE
Teraka tamin'ny: 1572 (bers) tao Tempoka
Teraka tamin'ny: 1572 (bers) tao Iempoka Moninaao: Mahatsara
Tompon'ny karampanondro laharana faha: ユルッタチャクタ
Nalaina tao: Iko v Go tamin'ny 03 Des ambra 195
Zanakin'i: MARSON SY MAHITASOA
Dia manaiky marina fa nanolotra ny sombin-taniko 5X6 m², hanaovana fatsakana forage hon'nymponina eto MAHATSARA fampidirana rano fisotro madio forage FPMH (Forage Equipé d'une Pompe à Motricité Humaine).
Mba hikajiana manokana ny fahasalamam-bahoaka dia manaiky ihany koa aho fa hanaja antsakany sy andavany ireo fepetra fototra hitandrovana ny fahadiovan'ny rano toy ny tsy fanorenana lavapiringa sy ny toerana fiompiana biby toy ny omby, kisoa, akoho, snsa min'ny 20 m manodidina iotoeram-patsakanio.
Natao teto MAGA ATSARA Ny 02/08/2014
solontenan'ny fokonolona  MANTRAMAROLAHY Daniel  RWS RANDRIANIRUM NONON
NyTanintsika  Chedroman Angelio Appollinaire

Loa dia misaotra be ary Manantena my RANDRIANARISON Benoit E MAIRE DE LA COMMUNE

<u>Translation:</u> *Thank you letter* 

"We, the people of the Ambalahosy are writing you today a thank you letter for giving us this borehole infrastructure.

Before, we used a dirty water, we have diarrhea, so now, we are confident that we don't have never diarrhea in our village. We hope that our collaboration will continue to provide development for us."

Signed by representatives of beneficiaries, young people and women, the president of village, chief of village and the mayor of the municipality

MOAN' I OHG HY TAHIH-TSIKA SY MARANTSY YOLA HY TAHIH-TSIKA

Tompo ko,

Antony: Fisconana hoanaoeo: hpamanty vola ny forage?
ity tanatasy ity. satnia igahan aty talocha dia mijaly rano nisotno ranobe sy nanom potorba izrbay aty dia mano nutry ny Valan' anetina azo modro my gisotno ana nano nutry my anetina azo amin' izany dia aneti-ki-to isano ka my anetina azo amin' izany dia aneti-ki-to isano ka my anetina azo amin' izany dia tapa-kevitna izaho talen-toeko nazany. Hoho izany dia tapa-kevitna izaho talen-toeko aty amin'ny EPP: Ambo dipaise Forkon tung Ambodipaiso name gangatahana fonage any aminanet. Manulina anefa fa temperandraickitma feno izerha
Forkom olona manatam temaka my izay matao tamin'ny
fanaovana my forage dia mahaze sy mahavita my
fanaovana my forage dia pary sy solo izahay tempe
forage izahay aty dia fary sy solo izahay tempe
fano any my huja sy ny voninahitna tompoko any
pana eo ambany izahay your so ambany izahay OLOTEMAN'N'S Mpunpianatra FRAM RAMDRIANASCLO TE FERDINA ARILIN ! RODINAH Radinal RAZAFIHOHOREVECTON. ///

<u>Translation:</u> Thank you letter

« We are honoured and privileged to have this opportunity to write this letter.

We have always drunk unsafe water. The people have suffered many illnesses as a result of this water. So I, director of the school at Ambodipaio, wrote a borehole request with the beneficiaries and the pupil's parents.

We have requested drinking water and now have it.

We are happy for this clean drinking water.

We wish you every blessings,

Thank you»

Signed by representatives of beneficiaries, and local and municipality authorities.

# Thank-you letter from the community of Ambohimanarivo

Hoan ny Faritra: VATOVAVY Ramatoa SAMANTHAN Cameron DISTOI Ka: IFAHADIANA Mpandrindram-paritry ny Koamining: IFAHADIANA OHG HY TAHIHTSIKA, tokontany: Amboraka Sy treo mpamatey vola Tanàna : Ambohimanarivo -FIANARANTSOA-Antony : Taratasy fisaorona Tompoleo! Voninahitra his anay foliontany eto amin' ny tanàna Ambohimanarivo, no manolotra ny fankasitrahana fono cy mitafotafo, ho anas sy ny mpamaten vola avy ireo mpiara-miasa, noho ny firetrahanay ny rano ficotro madio Ho salama izahay ary toy hisy intsony ny aretina any amin'ny rano tsy ago antoka Raiso, Tompoko, ny saotra sy fankasitrahana Jeno atolotray anareo. Solontenan ny Fokonolona My chell Foleontany Ny koominina Razafimandimby charles. Ralaiseanambining Alexice. Davidson 140 TOZATX .

Translation: Thank you letter

« It is an honour for us, Ambohimanarivo neighbourhood, to write you this thank you letter for giving us the clean drinking infrastructure. We are confident that we don't have never diarrhea in our village.

Please accept our respect and honour.

Many thanks. »

Signed by representatives of beneficiaries, and local and municipality authorities.

Ambohimita faha 211/08/2024 Hoanig ramaton taleny ONG tanitrika fiananantroa

Lahay Lakonolona eto Ambohinita dia faly misaoha sy manthasihraka anareo ONG ny raminizana 1,224 nanome anay rano fisotro madio. Faly isahay fa ataka amin'ny fihinana rano tsy aru-rahasalamana sy ny aretina aso avy aminizany.

Vonona isahay hanata sy hikarahara ny forasy mba hahariha ho lovan'ny torunaka taramandimba. eto ambohimita any vonona seoa isahay tohonolona eto anto erana hanaramaso sy handio matetika mba hatsara mendrika anio forasy io

esolontenam-Pohonolona

-SOLO

BOTOHITA (Tangalamena)

MAIRM MAROLAHY Paul <u>Translation:</u> Thank you letter

«It is an honour for us in the Ambohimita village to offer you our sincere thanks for providing us with a clean drinking water supply infrastructure.

We are ready to respect and take care of the borehole so that it lasts and is passed on from generation to generation. We, the villagers of Ambohimita, are ready to clean and maintain this forage to improve its appearance.

Thank you so much for this blessing.»

Signed by representatives of beneficiaries, and local and municipality authorities.

# Thank-you letter from the community of Ambohipo Centre

FARITRA! VATOVAVY

DISTRIKA! IFANADIANA

KAOMININA , TSARATANANA

FOKOTANY! AMBOHIPD

TANANA : AMBOHIPO CENTRE

HO an'ny Ramatoa SAMANTHA CAMEron Meandrindram-paritry ny ONG My Tanintika - Fianarantsoa

Treo Mpamatsy vola

Antony: taratasy fisaarana

Tompoko!

Voninahitra ho anay fokonolona eto amin'ny tanàna Ambohino centre, No manclotra ny fisaorana sy fankasitrahana feno, anao, ny mpiara-miasa amin'ao sy ureo mpamatry volo, noho ny fisitro-hanay ny rano fisotro madio tamin' ny alalan'ny "FORAGE"

Ho salama tanteraka izahay izao noho isany. Mankontraka sy mankatelina, tompoko. Andriamanitra hitahy anareo ary hampahomby wang ataonareo rehetra.

Raiso, Tompoko, ny voninahitra atolotray anareo

SOLON-tenary

RAKOTONIRINA Jean Harcel

FALSON

RABEMANANTSOA

RANDRIANARISON Jean gaubin

NY Kaominana

Translation: Thank you letter

"It is an honour for us, the people from Ambohipo centre village, to write you this letter of thanks for giving us this clean drinking water infrastructure: a borehole.

We are confident that we don't have never diarrhea in our village, we are safe.

> We wish you every blessings, Thank you"

Signed by representatives of beneficiaries, and local and municipality authorities.

# Thank-you letter from the community of Ambohipo Nord

FARITRA : Vatorary DISTRIKA : Ifanadiana KAOMININA: Tsanatanana FOKOTAMY: Ambohipo TAHAHA: Ambohipo World

Hon'ny Ramatoa SAHANTHA Cameron Mpandrindram-paritry ny ONC MYTANINTSIKA

AHTONY : Canatasy fisaorana

Ineo Mpamatsy vola

Tompolio!

Voninahitna ho cmay fo honolona eto amin'ny tanàna Ambonipo Nond no manatitna ny fisaonana sy fankasitrahana leno anao, ny mpiana-miasa aminao sy ineo mpamatey vola, noto ny fisitrahanay ny mano fisitro modio tamin'ny alalan'ny "FORAGE"

Ho salama tantenaka izahay izao noko izany.

Mankaistraha sy mankatelina, Tompoko. Andriamanitra anie hitahy ananeo any hampahomby ny ataonaneo mehetna. Raiso ny Voninahitra atolotray anares

Solon tenany Fokonolona: MARSON Roger LEVELONA LEHIRAY BOTOZAHDRY

RAVELO ASINTONIANAJ, Marcel

RAVAGHANDADS ODENise

BAOMIRAY RAVOLA

Ny kaominina

Translation: Thank you letter

«"It is an honour for us, the people from Ambohipo Nord village, to write you this letter of thanks for giving us this clean drinking water infrastructure: a borehole.

We are confident that we don't have never diarrhea in our village, we are safe.

> We wish you every blessings, Yours respectfully»

Signed by representatives of beneficiaries, and local and municipality authorities.

Mahatsara, faha 13 Aagositra 2024

Hoan'ineo MPamatry Vola
fonage my ONG ny
Tamintaika Tiananantoa

ANTONS: Fisaonana tamin'ny
fanomezana fonage

Jachay Fokonolona mpahazo tombotsoa amin'ny
Forage eto Mahatsara dia faly misaotra
anared mpamatsy Wola sy OMG ny Tamintsika.

Nisotro rano naloto izahay taloha, fa
Ankehitriny koba, dia misotro nano madio,
ara Pahasalamana.

Mapanantena izahay , fa hilolokolo sy
hikaty ary hanata ny forage izay nomenanee
anay.

Mha itaka tompoko any minary soa

Makasitraka tompoko any minany soa ho avaneo izahay.

My Hahazo tombotsoa My Fokolany My Kaominin

Empert Ennest

The Ramadio

BH Rating

Jame nemon

Manofaly

Manofaly

Translation: Thank you letter

"We, the people of the Mahatsara village, the beneficiaries of the borehole are writing you today for the borehole. We are so grateful to Ny Tanintsika and their donor for helping us with the borehole.

Before, we drink a dirty water, but now we drink a safe water.

We are ready to respect and take care of the borehole.

Thank you so much for this blessing»

Signed by representatives of beneficiaries, young people and women