Advance.

ANZ

Australian and New Zealand Banking Group Limted (ANZ)

STAMP DUTY PAID

HONIARA, SOLOMON ISLANDS

DATE 3 0 0 7 2 1
D D M M Y Y

PAY SI BATTLE AREA CLEARANCE OR BEARER

THE SUM OF SEVENTY FIVE THOUSAND DOLLARS ONLY

SBD 75,000.00

NOT NEGOTIABLE

PLEASE SIGN ABOVE THIS LINE

PLEASE SIGN ABOVE THIS LINE

№ 1584101

NATIONAL HOSTING AUTHORITY 5691140

Frank Kouaimae Taeni

3/8/2021

POSTED

SIBAC

BETIKAMA SITE

PAYMENT VOUCHER

Payment: Voucher No:	
NAME: SI Battle Area Clearance (SIBAC)	APPROVED BY EXECUTIVE DIRECTOR
Address:	Signed_____ Date_____
IF DIRECT CREDITS ISSUED: BANK REF #:_____ Signed_____	APPROVED BY FINANCIAL CONTROLLER Signed_____ Date_____

NHA CODE	GL NAME	FULL DETAILS OF CLAIM	AMOUNT
6-2717	Other Local Other Costs	Mobilization Payment - SDA Mission Borrowed Land	$75,000.00

Cheque No: 1584101 for $75,000.00 Date 30/07/2021

Signature of claimant_____

PRINT NAME: _____

Payment Voucher Prepared by Roma. Date 30/7/21

INVOICE

SOLOMON ISLANDS BATTLE
AREA CLEARANCE
P.O.BOX 943, Honiara
Email: sibac2021@gmail.com
Mobile: (677) 7798397 / 7417013

TO: THE PROJECT OFFICER-FACILITITES, NATIONAL HOSTING AU P.O. BOX 2443 HONIARA, SOLOMON ISLANDS	SDA CAMP SITE OPPOSITE THE SIEA HOUSES BEFORE THE POWER HOUSE.
REF: MOBILISATION- BETIKAMA BORROW SITE UXO BAC JOB.	INVOICE:

ITEM	Specifications /Descriptions	Unit	Quantity	Rate	Total Cost
	Being for mobilisation of Betikama Site job				
	TOTAL AMOUNT:				$ 75,000.00

SOLOMON ISLANDS BATTLE AREA CLEARANCE
Date: 14/7/21
Sign:

C/-P.O. Box 2443
Honiara
Solomon Islands

Phone:
677 7308800

Facebook page:
Sol2023 XVII Pacific Games

NATIONAL HOSTING AUTHORITY
XVII 2023 PACIFIC GAMES

MEMO

To: **FC**

Date: **15th July 2021**

Thru: **ED PMU**

From: **CA PMU**

Re: **Payment for UXO Clearance for SDA Mission Borrowed Land at Betikama**

Please find attached invoice from (SIBAC) and supporting documents for your approval and release of payment.

Amount: **$75,000.00.**

Being for: **Mobilization Payment No. 1**

Payable to: **Solomon Islands Battle Area Clearance** (SIBAC)

Regards.

PACIFIC GAMES SOLOMON ISLANDS

PACIFIC GAMES ASSOCIATION SOLOMON ISLANDS

C/-P.O. Box 2443
Honiara
Solomon Islands

Phone:
677 7308800

Facebook page:
Sol2023 XVII Pacific Games

NATIONAL HOSTING AUTHORITY
XVII 2023 PACIFIC GAMES

1.Executive Summary:

The brief report is to justify why PMU go ahead with the engagement without resorting to the procurement process for securing of Betikama, SDA Mission site for the borrowed land and engagement of SIBAC, UXO, and SAFE SIGNAL, QA & QC teams for clearance of the site.

2. Background Information;

There was an implementation agreement between the Solomon Islands government and the Peoples Republic of China (PRC) for the development of the games facilities at King George East and West and one of it was for the SI government to provide for the construction sites, borrowed land for ground fill.

3. Uprising Issues:

NHA failed to deliver on time the borrowed land to CCECC and CCECC has claimed that NHA his already caused an impact of 40 days delay on their contract and thus put PMU team in an awkward position, being the engine for delivering all the games facilities on time for the 2023 games.

4. Borrowed Land:

i. Getting free landfill to meet the specifications was a challenge.
ii. Initially were going to go with SINU; however, they provided small mounds and hills in various locations which could not service the requirements of the project.
iii. We approached SDA Mission who owns the Betikama site confirmed they could assist and at a rate of $25/m3.
iv. A site inspection between NHA, SDA Mission and CCECC (contractor) confirmed the site as suitable for quantity and quality to suit the needs of the project.
v. For this site, it was requested that an environmental impact assessment be completed.
vi. This process involves an environmental assessment, approvals from the Ministry of Mines and the Ministry of Environment for approvals.
vii. The process of getting development permit from Guadalcanal Provincial Government also been approved.
viii. PMU has completed the reports and received the relevant approvals as of 2 July 2021.
ix. KGVI school is being impacted by illegal settler Judith Maclean. Contractor is concerned given lawyer is involved.

NEQ Log record information of ERW Found at Betikama

UXO NEQ information

Total: 18

Total NEQ(kg): 26.15

Total NEQ(lbs): 57.59

Total NEQ(US Ton): 0.03

Report Submitted by: Reinhard Alalo

Scarp Metals



All scrap Metals of UXO Frags



Other ERW Found



- 90mm Projectile M71 HE
- 105mm Projectile M1 HE

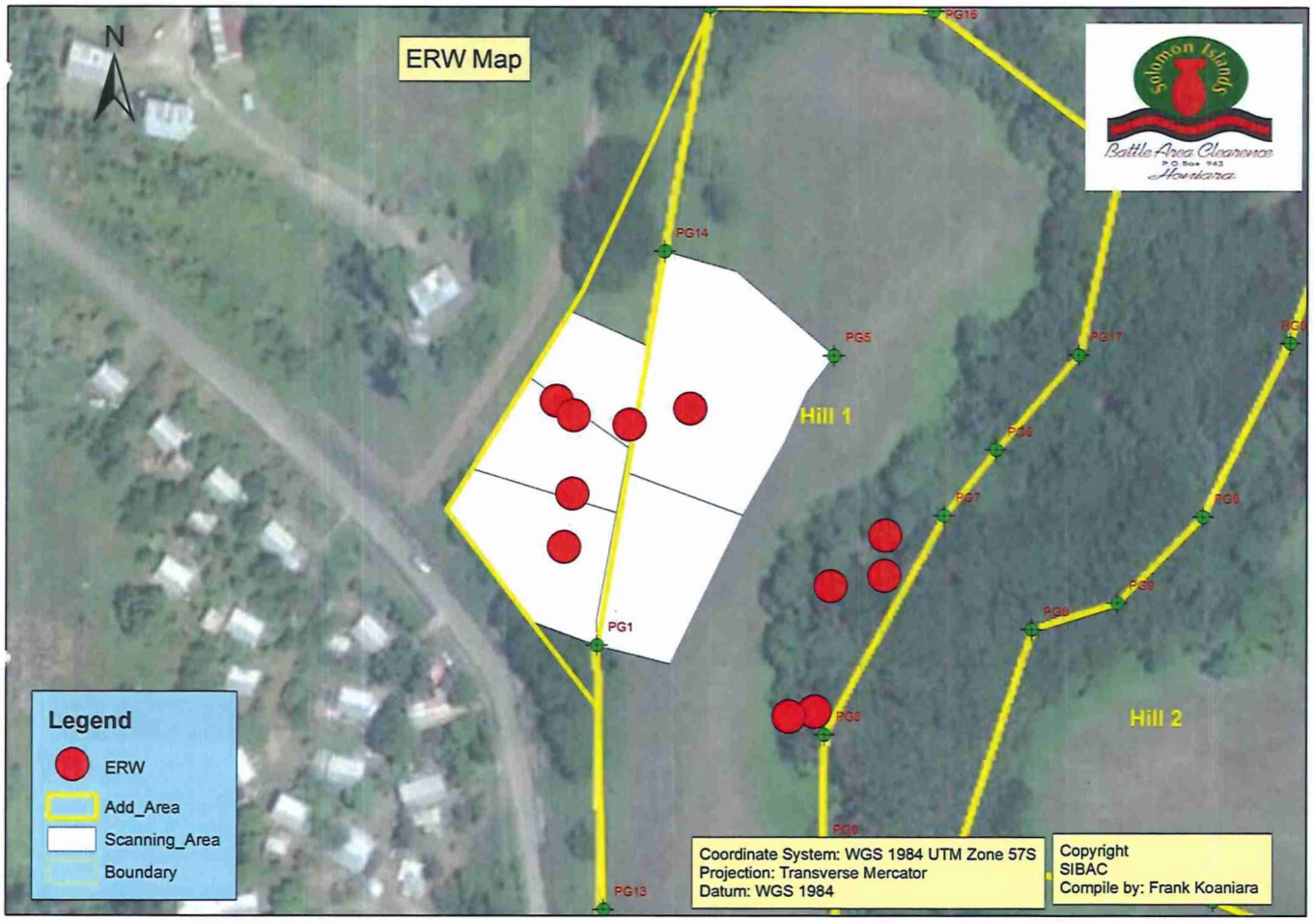


ERW Removal





ERW Map


N
ERW Map
Solomon Islands
Battle Area Clearance
P. O. Box 943
Honiara
PG16
PG14
PG5
PG17
PG18
PG7
PG8
PG10
PG9
PG1
PG4
PG13
Hill 1
Hill 2
Legend
ERW
Add_Area
Scanning_Area
Boundary
Coordinate System: WGS 1984 UTM Zone 57S
Projection: Transverse Mercator
Datum: WGS 1984
Copyright
SIBAC
Compile by: Frank Koaniara

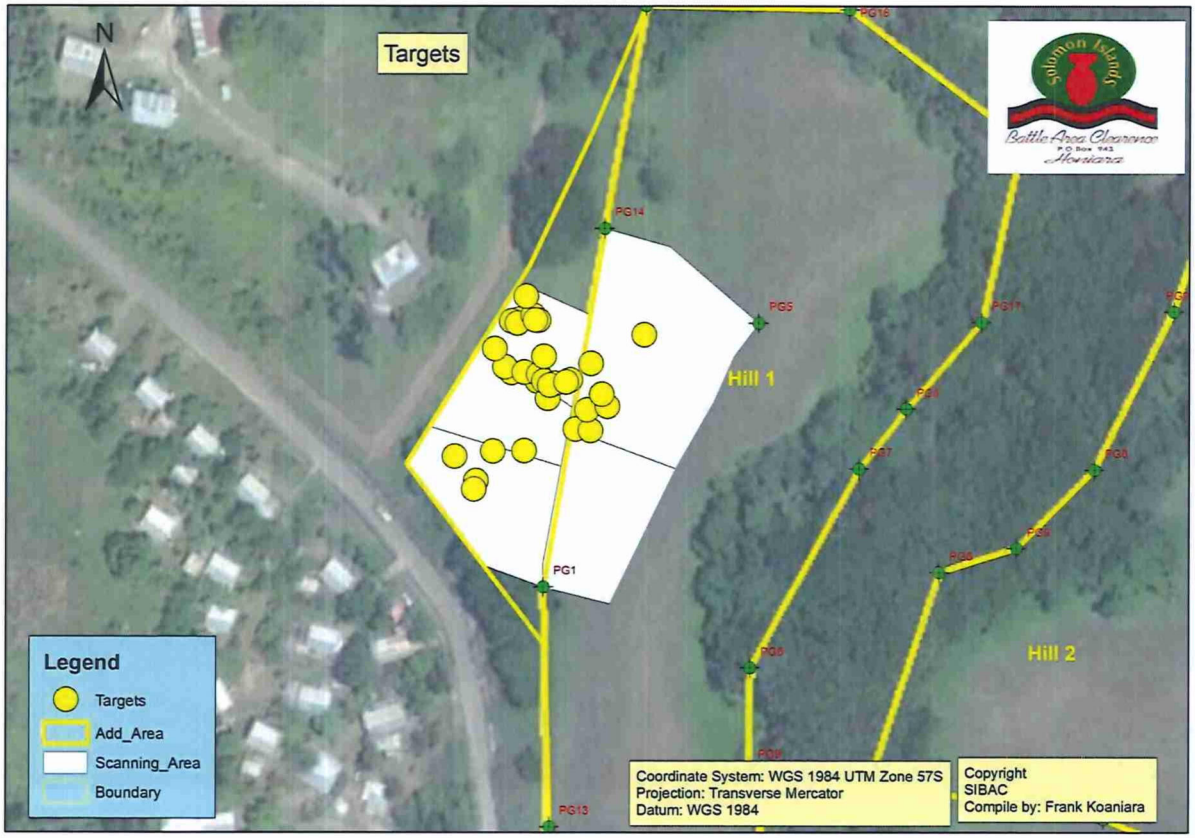


Target Established.



Digging Targets

Targets Established



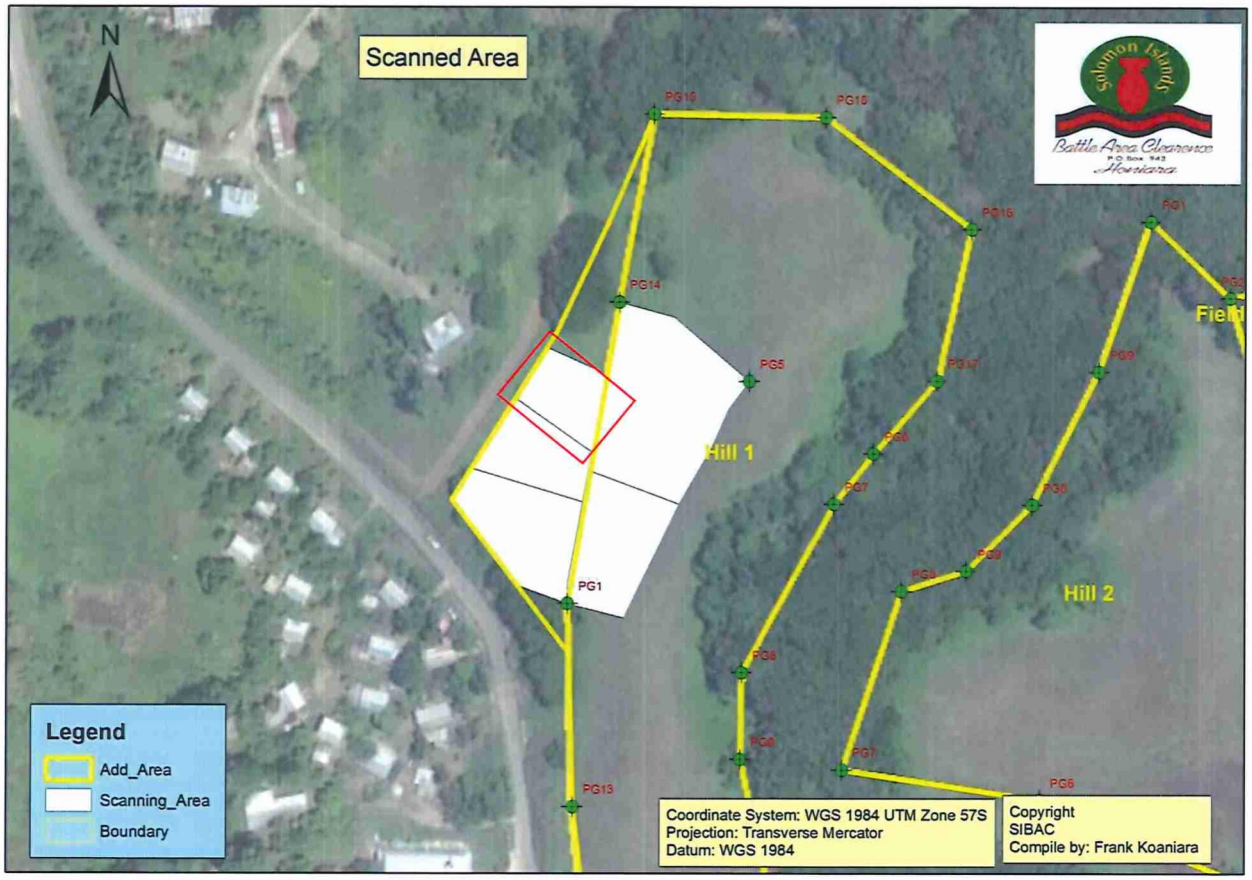
Loop Scanning





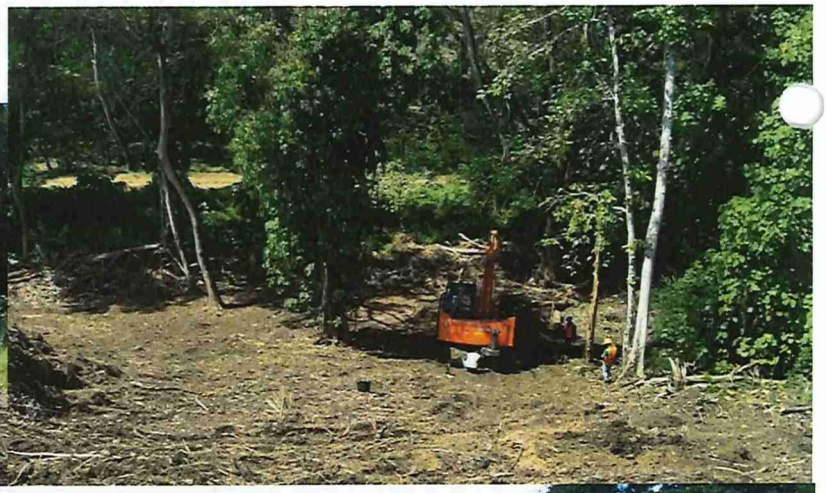
Pin Pointing

Scanned Area Map



De-Vegetation Clearance

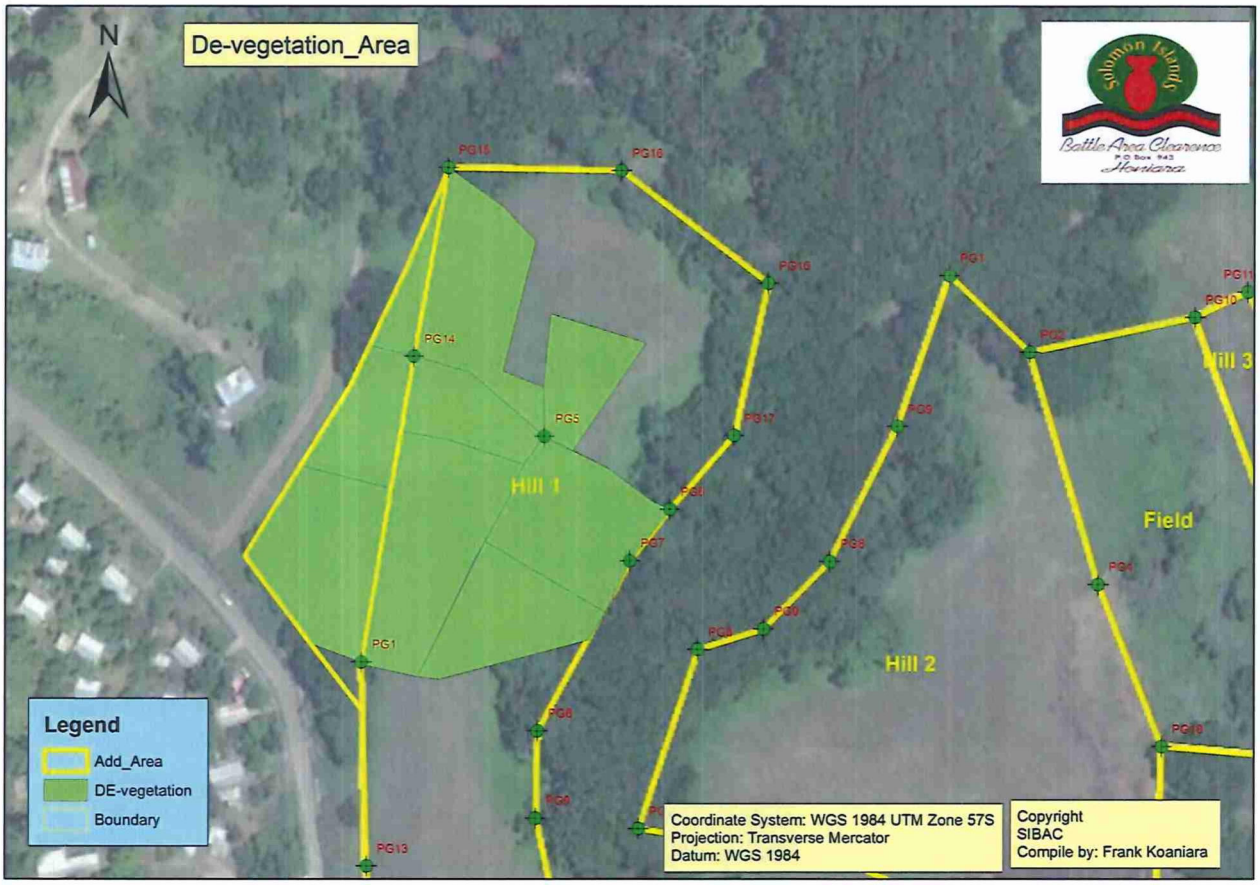






Work Progress

DE vegetation Map



	• *UXO Scanning*	21%	
B. Establish Targets and Area square Meter, ERW location	• *Total Establish Targets:64* • *Total de-veg Area Sq.m: 3903* • *Total Scanning Area Sq.m: 794* • *Total ERW Location: 11*		
C. Method of Excavation	• *Manual and Excavation Machine*		
D. Explosive Ordnance found :	• *EO Type:* • *1 x 105mm Projectile M1 HE* • *4 x 90mm Projectile M71 HE* • *1 x37mm Projectile M58 APC* • *4x PD FUSE*		
E. Other ERW/Metal found	• *Total EO Scrap Weight (kg)- 100 kg* • *Total Domestic Scrap Weight (kg)- 5kg*		

FIELD MANAGER COMMENTS

- Only de-vegetation Clearance for today

- de-vegetation will continue next day

SIBAC Daily Progress Report

General Project Site info

Daily Report No:	*7*	**Oper Start Date:**	*06 July 2021*	
Contractor/Organization	*SIBAC*	**Clearance Report Date:**	***13 July 2021***	
Project Type	*UXO BAC Clearance*			
Project Site/ Location	*Betikama*			
Total Area Clearance Hill 1	*36780 Sq.meter*			
Weather		**Site Conditions**	**Day**	
Clear	*Rain*	*Clear*	Mon	Fri
Windy	*Windy*	*Muddy*	Tues	Sat
Overcast	*Warm*	*Dusty*	Wed	Sun
Rain	*Hot*	Hill Slop	Thurs	

SUMMARY OF WORK COMPLETED TO DATE

TASK	Deliverable by Subtask	% of work Complete (Hill 1)	Date Submitted
A. Method of Clearance	• *De-vegetation Clearance*	40.37%	

Elwyn Maetia

From: Jimmie Rodgers <drjimmier@gmail.com>
Sent: Sunday, 4 July 2021 10:29 PM
To: Eldon Tepa
Cc: Dr. Jimmie Rodgers; Clint Flood; jsika@tongscorp.com; Christian Nieng; Ken Grossmith; Elwyn Maetia; John Muria; Alan Mcneil; Debbie Sifoni
Subject: Re: Letter from Site management group concerning the project schedule state of standstill

ED Eldon

Great - tks

Chair

On Sun, Jul 4, 2021 at 3:36 PM Eldon Tepa <ETepa@sol2023.com.sb> wrote:
Hi Chair,

Affirmative, I will keep all parties posted daily COB.

Correct NSC is the back up; however site access is a challenge and needs to be resolved. We are currently looking into this.

Regarding the UXO, I'll update you on Tuesday. I have a plan to propose but will need to coordinate with CCECC, UXO Contractor, UXO QA Contractor and PMU KGVI team. I'm hoping we can have an expedited process to mitigate loss of time and give immediate access to CCECC after they they complete the excavations at KGVI school.

Kind regards

Eldon Tepa
Executive Director
Project Management Unit
National Hosting Authority
+677 7580094

From: Jimmie Rodgers <drjimmier@gmail.com>
Sent: 04 July 2021 14:17:01
To: Eldon Tepa
Cc: Dr. Jimmie Rodgers; Clint Flood; jsika@tongscorp.com; Christian Nieng; Ken Grossmith; Elwyn Maetia; John Muria; Alan Mcneil; Debbie Sifoni
Subject: Re: Letter from Site management group concerning the project schedule state of standstill

ED Eldon

Great and thanks for the update

meters in terms of the normal function of drainage system. Ever since I completed my quarantine period, I engaged myself positively in finding the solution of the borrow area resources because I fully aware of its importance to this project. By the end of the April, under the assistance of NHA, we are entitled to have access to the borrow area in KG school which only has roughly 15,000 cubic meters of earth soil available that is way too far to meet our demand. In May, NHA assisted us to approach the Solomon Islands National University where they have certain amount of earth resources. We managed to conduct the site survey shortly after received the news. However, we had to waive the idea due to the failure of the negotiation between NHA and university boards. In June, NHA members helped us to seek the access to borrow area in Betikama Adventist school. We and Ken and other members from NHA then attended the meeting convened by church boards on June 14 on the issue of earth borrow. Later on June 29 we submitted the management plan for earth borrow under the request of church boards. However we have not received any feedback from any side so far concerning the commencing date of UXO work and actual date of borrow work seems a long way off the track. Today we have to be forced to halt the borrow work in KG school which is our only earth resource because of the resistance from local residents. However the latest date for us to start the borrow work in order to catch up with construction schedule is July 2nd which means we have bumped into an awkward situation where there's no earth soil for us to take.

According the <IMPLEMENTATION AGREEMENT OF 2023 PACIFIC GAMES STADIUM PROJECT>,Solomon Islands side shall confirm that EOD within the scope of the project sites will be completed before 30th August,2020 ; Before 30th March 2021, Solomon Islands side shall provide one or more soil excavating and depositing sites, dumping ground within the load distance of ten (10) KMs to the Chinese side for free which are necessary for the project's construction. Since the UXO work has delayed us for as long as 42 days and borrow area problems have put us off for 2 days so far which that has wasted 42 days in total for the project. We hope that there will not be any barricade before us to forcibly postpone the construction schedule any further because of the earthwork.

Each day we have no earth to borrow is a day that we have to be forced to put off the construction schedule. In order to shun the further impact on the construction, we earnestly hope NHA to arrange the borrow area in KG school and Betikama Adventist school as soon as possible to ensure the earth borrow resources.

Sincerely appreciated for your support.

Ruan Xiangju

03/07/2021

Eldon can you urgently update Dr Rodgers

Thanks

Sent from my iPhone

Begin forwarded message:

From: Jimmie Rodgers <drjimmier@gmail.com>
Date: July 3, 2021 at 3:59:48 AM PDT
To: 冰之焰 <bzy8811@qq.com>
Cc: CNieng <CNieng@sol2023.com.cb>, gongrui321 <gongrui321@gmail.com>, jsika <jsika@tongscorp.com>, "huangpengfei.ccecc" <huangpengfei.ccecc@qq.com>, sml2023 <sml2023@163.com>, csadi_slmtyc <csadi_slmtyc@163.com>, Clint Flood <clint@viewpointtech.com>
Subject: Re: Letter from Site management group concerning the project schedule state of standstill

Dear Ruan Xiangju
Thank you for this explanatory email. I now fully appreciate the issue.
The UXO work was out of NHA's hands - we tendered the work and the contractors did not do the proper job - so we are redoing and t is costing both time and money - I hope it will be completed soon

On the soil - please advise if the Betikama land has enough soil to meet your 170,000 cubic metres demand together with KGVI School
We will try to approach the school management - but I need the information in relation to the volume they have - will it be adequate?

Thank you

Dr Rodgers / Chair NHA

On Sat, Jul 3, 2021 at 8:43 PM 冰之焰 <bzy8811@qq.com<mailto:bzy8811@qq.com>> wrote:
Dear Dr Rodgers,
Hope you doing all well. My name's Ruan Xiangju, the site management group leader and the authorized site representative of China for 2023 pacific games stadium project.
First of all, we all are very appreciated of your support for the site UXO work on both plots on our early stage. So far the second round of UXO has come to an end and estimated to put a finishing touch prior the date of 5th July which is 4 days late as we agreed on previously that to be completed before July 1st.As of today as I am writing this letter, the whole construction schedule has been postponed for approximately 40 days owning to the consequences of UXO work.
In addition, please allow me to briefly introduce the situations concerning with the borrow area. Because of the ground level of the two plots in this project is naturally lower than the Kukumu highway, we initially need to match up the differences by filling the plots of earth soil to the amount of roughly 170,000 cubic

Conclusion:

i. In contract point of view each day delay would attract a penalty ranges from 1% to 10% of the current contract sum charge on a daily basis.
ii. For PMU each day is a countdown for the delivery time of the 2023 games.

END.

P1

ANZ

Australian and New Zealand Banking Group Limted (ANZ)

STAMP DUTY PAID

HONIARA, SOLOMON ISLANDS

DATE 31 08 21 (D D M M Y Y)

PAY SI BATTLE AREA CLEARANCE OR BEARER

THE SUM OF FOUR HUNDRED AND SIXTY NINE THOUSAND FIVE HUNDRED AND FIFTY FOUR DOLLARS 90/100

SBD469,554.90

NOT NEGOTIABLE

PLEASE SIGN ABOVE THIS LINE

№ 1584148

DAVIS PUIA

31/8/21

ANZ

Australian and New Zealand Banking Group Limted (ANZ)

STAMP DUTY PAID

HONIARA, SOLOMON ISLANDS

DATE 31 08 21 (D D M M Y Y)

PAY SI BATTLE AREA CLEARANCE OR BEARER

THE SUM OF FOUR HUNDRED AND SEVENTY FIVE THOUSAND ONE HUNDRED AND SEVENTY NINE DOLLARS 90/100

SBD 475,179.90

NOT NEGOTIABLE

PLEASE SIGN ABOVE THIS LINE

№ 1584147

NATIONAL HOUSING AUTHORITY 5691140

PAYMENT VOUCHER

Payment: Voucher No: NHA/257/21	
NAME: SI Batttle Area Clearance	APPROVED BY EXECUTIVE DIRECTOR
Address:	Signed _____ Date 31/8/21
IF DIRECT CREDITS ISSUED: BANK REF #: _____ Signed _____	APPROVED BY FINANCIAL CONTROLLER Signed _____ Date 31/08/202

NHA CODE	GL NAME	FULL DETAILS OF CLAIM	AMOUNT
6-2717	Other Local Other Costs	UXo - Betikama Borrowed Site	$588,708.0
2-1440	Withholding Tax Payable		-$44,153.1
6-2717	Other Local Other Costs		-$75,000.0

Cheque No: 1584148 for $469,554.90 Date 31/08/2021

Signature of claimant _____

PRINT NAME: DAVIS PUIA

Payment Voucher Prepared by _____ Date 31/08/21

S.I.B.A.C.
P.O. Box 943
Honiara
Solomon Islands
email: sibac2021@gmail.com
mob.: (+677) 7798397 / 7417013

INVOICE...

inv # 8

To:	THE CHIEF EXECUTIVE DIRECTOR PROJECT MANAGEMENT UNIT-NATIONAL HOSTING AUTHORITY P.O. BOX 2443, HONIARA, S.I.			BETIKAMA Borrow Site Hills 1 & 2	
From:	SIBAC PO Box 943 Honiara Contact: 7798397/7417013			Date: 27th Aug 2021	
ITEM #	Specification / Description	Unit	Qty	Unit Rate (SBD/Unit)	Amount (SBD)
1	Being for Mobilisation Payment of Betikama borrow Site UXO BAC job Hills 1 & 2 as per attached payment documents.	LS	50%	$ 1,177,416.00	$ 588,708.00
	Less Advance Payment	LS	1	$ 75,000.00	-$ 75,000.00
	BANKING DETAILS: Please pay to the following Bank Account; Pan Oceanic Bank Account #: 11501000890 Account Name: SOLOMON ISLANDS BATTLE AREA CLEARANCE				
				Grand Total (SBD):	$ 513,708.00

..."THANK YOU FOR YOUR BUSINESS"...

SOLOMON ISLANDS BATTLE AREA CLEARANCE
Date: 27/8/21
Sign:

Okay to pay.
27/8/2021

PAID
DATE 31/08/21 CHQ. No.
GL - 2717
Job - 2-2000-09

Machine hire will be considered on final pay -

PAYMENT CERTIFICATE NUMBER 1

CONTRACT: **UXO Survey and Disposals Betikama Borrow Site**

CONTRACTOR: **Solomon Islands Battle Area Clearance**

DATE: **27-Aug-21**

ORIGINAL CONTRACT SUM:		$	**1,177,416.00**
MOBILISATION PAYMENT	**50%**	$	**588,708.00**
Less Advance Payment		$	75,000.00
THIS CLAIM:		$	**513,708.00**
NET PAYMENT NOW DUE:		$	**513,708.00**
BALANCE OF CONTRACT		$	**513,708.00**

I here by Certify that the amount of **(SBD$513,708.00) FIVE HUNDRED AND THIRTEEN THOUSAND, SEVEN HUNDRED AND EIGHT DOLLARS AND ZERO CENTS** is now due to ***SOLOMON ISLANDS BATTLE AREA CLEARANCE.(SIBAC)***

Signed

Eldon Tepa
Executive Project Manager
National Hosting Authority Pacific Games 2023
Sea King Building

Executive Personal Secretary

CORPORATE SERVICES SUPPORT
MINISTRY OF FINANCE & TREASURY
P.O. BOX 26, Honiara, Solomon Islands
Telephone +677 21074 or +677 or 21075 | Facsimile: +677 27855 | Email: aqilabari@mof.gov.sb

"INSTITUTIONAL STRENGTHENING" through:
"Structure & People" "Systems & Processes" "Policy & Advice"

From: Jone Vave
Sent: Friday, 27 August 2021 9:44 AM
To: Alison Qilabari <aqilabari@mof.gov.sb>
Cc: Dr. Jimmie Rodgers <jrodgers@pmc.gov.sb>; jsika (jsika@tongscorp.com) <jsika@tongscorp.com>; Jimmie Rodgers <drjimmier@gmail.com>; Mckinnie P. Dentana <mdentana@mof.gov.sb>
Subject: RE: GTB Award Letter Approval - UXO Works at Betikama
Importance: High

Good Morning Alison,

I would like to kindly follow up on the matter below. Would appreciate it if you can facilitate for PS MOF to sign the award letter today.

Your support is greatly appreciated.

Kind regards,
Jone Vave

From: Jimmie Rodgers <drjimmier@gmail.com>
Sent: Wednesday, 25 August 2021 6:17 AM
To: Jone Vave <JVave@sol2023.com.sb>; Mckinnie P. Dentana <mdentana@mof.gov.sb>
Cc: Dr. Jimmie Rodgers <jrodgers@pmc.gov.sb>; jsika (jsika@tongscorp.com) <jsika@tongscorp.com>; Alison Qilabari <aqilabari@mof.gov.sb>
Subject: Re: GTB Award Letter Approval - UXO Works at Betikama

Dear Jone

Attached is the letter with my Signature

I am also forwarding to the Co-Chair for his signature.

EPS Alison please print for PSF to Singa and scan and sent to Jone

Thank you

SPM / Chair NHA

On Tue, Aug 24, 2021 at 3:12 PM Jone Vave <JVave@sol2023.com.sb> wrote:

Dear GTB Chairmen,

Please find attached amended Award letter addressed to SIBAC.

Appreciate your kind review and approval.

Kind regards,

Jone Vave

From: Jone Vave
Sent: Tuesday, 24 August 2021 9:23 AM
To: 'Jimmie Rodgers' <drjimmier@gmail.com>
Cc: Dr. Jimmie Rodgers <jrodgers@pmc.gov.sb>; Mckinnie P. Dentana <mdentana@mof.gov.sb>; jsika (jsika@tongscorp.com) <jsika@tongscorp.com>; Alison Qilabari <aqilabari@mof.gov.sb>
Subject: RE: GTB Award Letter Approval - UXO Works at Betikama

Good Morning Chair,

This was the template I was given to use for the Award letter. I can amend the document and address it to the bidder.

Regards,

Jone Vave

From: Jimmie Rodgers <drjimmier@gmail.com>
Sent: Monday, 23 August 2021 10:41 PM
To: Jone Vave <JVave@sol2023.com.sb>

Cc: Dr. Jimmie Rodgers <jrodgers@pmc.gov.sb>; Mckinnie P. Dentana <mdentana@mof.gov.sb>; jsika (jsika@tongscorp.com) <jsika@tongscorp.com>; Alison Qilabari <aqilabari@mof.gov.sb>
Subject: Re: GTB Award Letter Approval - UXO Works at Betikama

Mr Vave

Thank you

Please can you explain / advise as to why the Aware letter is headed Two whom it may concern and not a letter addressed to the bidder?

Co-Chair do you have a sample award letter the CTB uses? Just want to contrast and see if there are parts we can adapt on the GTB Award letters

Regards

Co-Chair / GTB

On Mon, Aug 23, 2021 at 2:21 PM Jone Vave <JVave@sol2023.com.sb> wrote:

Dear GTB Chairmen,
FC wishes to raise payment for the UXO works at Betikama borrow site. As per GTB resolution, I have attached the Award letter for SIBAC UXO works.
Would kindly appreciate either chairmen's review and approval.
Thank you for your support.
Kind regards,
Jone Vave
Project Manager - City Wide
Project Management Unit
[Email Signature]

C/-P.O. Box 2443
Honiara
Solomon Islands

Phone:
677 7308800

Facebook page:
Sol2023 XVII Pacific Games

NATIONAL HOSTING AUTHORITY
XVII 2023 PACIFIC GAMES

1.Executive Summary:

The brief report is to justify why PMU go ahead with the engagement without following the procurement process for securing of Betikama, SDA Mission site for the borrowed land and engagement of SIBAC, UXO, and SAFE SIGNAL, QA & QC teams for the site clearance.

2. Background Information;

There was an implementation agreement between the Solomon Islands government and the Peoples Republic of China (PRC) for the development of the games facilities at King George East and West and one of it was for the SI government to provide for the construction sites, borrowed land for ground fill. And not until recently, NHA realise after CCECC put pressure on NHA to quickly organise the borrowed sites for extraction of fill ground for backfill of KGVI school and Panatina sites.

3. Uprising Issues:

NHA failed to deliver on time the borrowed land to CCECC and CCECC has claimed that NHA his already caused 40 days delay to their contract and thus put PMU team in an awkward position, being the engine for delivering all the games facilities on time for the 2023 games.

4. Borrowed Land and Issues to be Resolved

i. Getting free landfill to meet the specifications was a challenge.
ii. Initially were going to go with SINU; however, they provided small mounds and hills in various locations which could not service the requirements of the project.
iii. We approached SDA Mission who owns the Betikama site confirmed they could assist and at a rate of $25/m3.
iv. A site inspection between NHA, SDA Mission and CCECC (contractor) confirmed the site as suitable for quantity and quality to suit the needs of the project.
v. For this site, it was requested that an environmental impact assessment be completed.
vi. This process involves an environmental assessment, approvals from the Ministry of Mines and the Ministry of Environment for approvals.
vii. The process of getting development permit from Guadalcanal Provincial Government also been approved.
viii. PMU has completed the reports and received the relevant approvals as of 2 July 2021.

ix. KGVI school is being impacted by illegal settler Judith Maclean. Contractor is concerned given lawyer is involved.
x. We have been pressured by CCECC and SPM to expedite the Borrowed Land ready for CCECC to use as per MOU
xi. UXO clearance and QC, QA needs to be done before extraction of ground fill can be done.
xii. Having delayed the process in contract point of view each day delay would attract a penalty ranges from 1% to 10% of the current contract sum.
xiii. For PMU each day is a countdown for the delivery time of the 2023 games.
xiv. We are caught unprepared on this issue which to my understanding this supposed to be organise done long time ago to avoid such last minute rush.

Quotations Summary:

Item	Supplier / Company	Qty	Unit	Rate	Amount
1	SDA Mission Borrowed Land, Betikama	120,000	m3	25.00	$3,000,000.00
2	SIBAC UXO	60,077	m2	19.69	$1,177,416.00
3	SAFE SIGNALS	60,077	m2	8	$480,616.00
				Total	**$4,658,032.00**

Official Approval by PMU

Prepared by: CA — Date 20/07/2021		Endorse	
Executive ~~Director~~ PMU — Date 20.07.21		Approved	Not Approved

Recommendation.

1. Approval for SDA mission borrowed at $3,000,000.

2. SIBAC UXO 2

3.

GAMES TENDER BOARD
NATIONAL HOSTING AUTHORITY

Ref: GTB03/21 **Date**: 25 August 2021

To: Reinhard Alalo
Solomon Islands Battle Area Clearance
P.O. Box 943
Honiara
Solomon Islands

Dear Sir,

By circulation of paper in a meeting of the NHA GTB on the 21st of July 2021, GTB considered the request for the award of UXO works done by your firm on Betikama Site. GTB was advised of the urgency of the work that required PMU to request for normal waiver of the process. The cost of the UXO is SBD$1,177,416.00. Upon deliberation, GTB therefore approved the amount of SBD$1,177,416.00 for the UXO works.

GTB Resolution:

Based on the papers presented to GTB and upon its deliberation, GTB resolved that the approved amount for the payment to SIBAC for its UXO works done at Betikama Site is SBD$1,177,416.00.

The GTB members confirm their decision by affixing their signatures hereto:

Signature		
Name	Dr Jimmie Rodgers	Mr Mckini Dentana
Designation	Co-Chair Games Tender Board, Chair NHA	Co-Chair Games Tender Board, PS MOFT

Dated this 25th Day of August 2021
Attached/....

UXO Payment Scrutiny Report

UXO work was required to be done again on an urgency basis due to impact of CCECC construction work on the 2023 Pacific Games Stadium Projects on the east and west side of KGVI school.

This need arose following CCECC's discovery of bomb on a site previously cleared as free from UXO.

PMU proceeded and awarded job to SIBAC without tender on the basis of NHA's approved preferred supplier and the fact that at that time, they were the only ones who own a loop machine recommended by EOD team from the Police.

This procurement process was rushed because of urgency and ITB and GTB were requested to waive the process. Process waiver prepared, presented to ITB and GTB and was approved.

Challenges NHA Secretariat, ITB and GTB Secretariat faced.

The documentations were presented to Secretariat at the time of the ITB meeting just 2 hours before GTB Meeting. GTB was also not given time to review the documents.

Challenges with SIBAC's quotations;

- PMU/NHA tender process or fair bidding process was not done giving the contractor opportunity to quote whatever it wants to quote outside of what would normally be requested to be quoted under usual procurement process.
- Despite direct appointment to SIBAC, there was no contract put in place right from the beginning prior to awards.
- SIBAC then requested variations provided for UXO should not be accepted unless the variation is due to NHA's decision.
- SIBAC quoted for machines that are forms part of the UXO business. As a service contracted firm to do UXO, it was not expected to quote for use of its machines. NHA/PMU must clearly specify the scope of work that UXO firms should quote for. Currently the quotes received are not consistent. Different firms and quoting different items because the firms are handpicked as they are NHA's preferred suppliers.

Recommendations;

1. Procurement Process must be followed.
    a. UXO Firms are to be invited to bid as per simple procurement process. Invitations must clearly spell out scope of work to be quoted Submissions must be in a
    b. Comparative Bid analysis to be made and award service to be best firm and cheapest
    c. Get compliance team to check it

21/8/21

d. Get ED to approve it
e. Negotiate and Contract
f. Sign contract before work commences

Where New sites are required – as much as possible, advertisement should be put out and follow the procurement process.

2. SIBAC's variations has not been approved by ITB/GTB, and as approved by NHA, its questionable quotes must be deducted from its approved quotations.

3. NHA PMU is advising that SIBAC will vary its quote for KGVI Plot 1. GTB secretariat ought to convey GTB decisions to them that they may submit it but payment depends on whether or not approved by GTB and PMU or NHA Secretariat does not have the authority to guarantee that it will be approved. It is subject to ITB and GTB alone.



PACIFIC GAMES
SOLOMON ISLANDS

CONTRACT OF ENGAGEMENT

Contract #: GTB 04/21

THIS CONTRACT ("Contract") is entered into this 6th day of July 2021, by and between the National Hosting Authority ("the Client") having its principal place of business at **Sea King Building, MID Works Drive**, and **Solomon Islands Battle Area Clearance (SIBAC)** ("the Contractor") having its principal office located at **Naha 2, East Honiara**

WHEREAS, the Client wishes to have the Contractor perform the services hereinafter referred to, and

WHEREAS, the Contractor is willing to perform these services,

NOW THEREFORE THE PARTIES hereby agree as follows:

1. Services

(i) The Contractor shall perform the services specified in Annex A, "Terms of Reference and Scope of Services," which is made an integral part of this Contract ("the Services").

(ii) The Contractor shall provide the personnel listed in Annex B, "Contractor's Personnel," to perform the Services.

(iii) The Contractor shall submit to the Client the reports in the form and within the time periods specified in Annex C, "Contractor's Reporting Obligations."

2. Term

The Contractor shall perform the Services during the period commencing 6th July 2021 and continuing through 31st July 2021, or any other period as may be subsequently agreed by the parties in writing.

3. Payment

A. Ceiling

For Services rendered pursuant to Annex A, the Client shall pay the Contractor an amount not to exceed **~~$1,177,416.00~~ SBD**. This amount has been established based on the understanding that it includes all of the Contractors costs and profits as well as any tax obligation that may be imposed on the Contractor.

B. Schedule of Payments

The schedule of payments is specified below:

- 50% shall be paid upon signing on of contract.
- 50% shall be paid upon receipt of a final report along with certification that the site are UXO free.

C. Payment Conditions

Payment shall be made in Solomon Islands Bokolo Dollars, no later than 15 days following submission by the Consultant of invoices in duplicate, to the Coordinator designated in paragraph 4

D. Tax Liability

The parties agree that unless the Contractor furnishes a legal exemption order for withholding taxes, then the Contractor agrees that the fees shown are gross amounts. NHA shall deduct such withholding tax as required by the Solomon Islands law, from the payment owning to the Contractor, and shall remit the tax amount directly to the Government authorities, and provide such proof of remittance to the Contractor on a timely basis, and at the end of the fiscal year, provide a summary of all taxes paid.

4. Project Administration

A. Coordinator.

The Client designates Executive Director- PMU as Client's Coordinator; the Coordinator will be responsible for the coordination of activities under this Contract, for acceptance and approval of the reports and of other deliverables by the Client and for receiving and approving invoices for the payment.

B. Reports.

The reports listed in Annex C, "Contractor's Reporting Obligations," shall be submitted in the course of the assignment, and will constitute the basis for the payments to be made under paragraph 3.

5. Performance Standards

The Contractor undertakes to perform the Services with the highest standards of professional and ethical competence and integrity. The Contractor shall promptly replace any employees assigned under this Contract that the Client considers unsatisfactory. If the Contractor after written notice is still considered not performing in accordance with Clause 1 "Services", the Client may terminate the contract by written notice.

6. Confidentiality

The Contractor shall not, during the term of this Contract and within two years after its expiration, disclose any proprietary or confidential information relating to the Services, this Contract or the Client's business or operations without the prior written consent of the Client.

7. Ownership of Material

Any studies reports or other material, graphic, software or otherwise, prepared by the Consultant for the Client under the Contract shall belong to and remain the property of the Client. The Contractor may retain a copy of such documents and software.

8. Contractor not to be engaged in Certain Activities

The Contractor agrees that, during the term of this Contract and after its termination, the Contractor and any entity affiliated with the Contractor, shall be disqualified from providing goods, works or services (other than the Services and any continuation thereof) for any project resulting from or closely related to the Services.

9. Insurance

The Contractor will be responsible for taking out any appropriate insurance coverage, including the liability of the Contractor.

10. Assignment

The Contractor shall not assign this Contract or sub-contract any portion of it without the Client's prior written consent.

11. Law Governing Contract and Language

The Contract shall be governed by the laws of The Solomon Islands and the language of the Contract shall be English.

12. Dispute Resolution

Any dispute arising out of the Contract, which cannot be amicably settled between the parties, shall be referred to adjudication/arbitration in accordance with the laws of the **Solomon Islands**.

FOR THE CLIENT

Signed by _____

Title: ED

Date: 23/7/21

FOR THE CONTRACTOR

Signed by _____

Title: DIRECTOR

Date: 6/7/2021

SOLOMON ISLANDS BATTLE AREA CLEARANCE
Date: 6/7/21
Sign: _____

WITNESS

Signed by _____

Title: ED.

Date: 28/7/21

List of Annexes

Appendix A – Scope of the Services

1.0.0: Background

Solomon Islands is preparing to host the 2023 Pacific Games in Honiara and the National Hosting Authority (NHA) is preparing sites to prepare sporting facilities within Honiara. The construction of the main stadium has commenced by CCECC. A requirement of the construction process is to dispose the top soil of the site and backfilled using gravel. SDA Church Management has approved certain plots within the Betikama Camp Ground Site boundary for CCECC to collect these gravels. However, before excavation starts, a UXO survey needs to be carried out on the plots to ensure the areas are UXO free.

The NHA therefore calls on registered companies and firms to submit quotations for the works described herein.

2.0.0: Objectives

The NHA invites companies and/or contractors to provide the following:

1. Provide quotations for UXO of Betikama borrow site.

3.0.0: Project Information

Project Site	Perpetual Estate (PE)Title owner	NHA REF NO#
Betikama Camp Ground Site	Seven Day Adventist Church (SDA)	GTB 04/21

3.0.1: Propose Project Site

(Refer to google map images below)

4.0.0: Scope of Works.

The scope of work to be carried out by the contractor is expected to include, but is not limited to the following:

- To mobilize and visit the identified development sites. This includes: site inspection, site marking, set admin and safe parking area, required vegetation clearance and all other necessary project control measures on site to ensure all working areas are cleared at all times throughout the duration of the project.
- To clear, detect/identify and remove UXO's and other chemical munitions that has the risk and hazard from human lives.
- Escorting and disposal of UXO's and other explosive materials as per established and authorized protocols.
- To deliver the expected work output in a timely manner.
- To provide the required certification of works, and to register such certificate with relevant authorities.
- Clear the area systematically of all bigger metal objects

- Remove all Metal signals from the ground and place in a metal collection point
- Cooperate with the external QC & QA contractor.
- Report all ERW found to the RSIPF EOD team
- Report all ERW found to the External QA/QC team
- GPS & record ERW only (not metal waste)
- Do not report on empty 50 calibre brass or Bullet heads
- Prior to starting the task demonstrate the detector search depth to the QA/QC team
- Have your SOP on site at all times

UXO Area

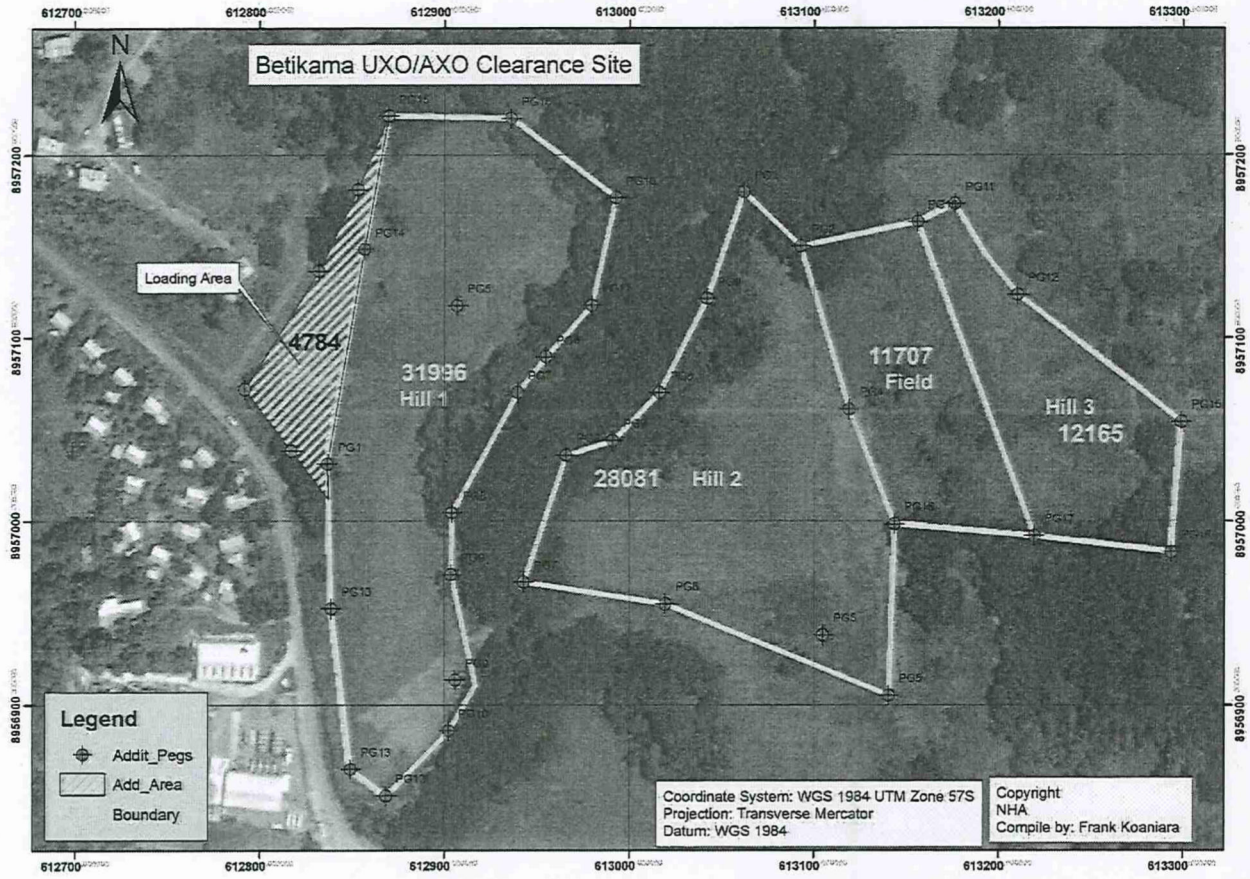
The total area to be UXO'd is as follows:

- Hill 1: 31,996 m^2
- Hill 2: 28,081m^2

Total Area= 60,077m^2 (Refer GIS Map provided.)

Project Site: Betikama Borrow site.

(Refer to GIS MAP below)



5.0 Tools and Equipment

- All other UXO survey tools and equipment to be provided by the contractor.
- Excavator if and when excavation works will be required.

6.0 Conditions of Excavator

The contractor is expected to include charges for excavator in their costings. However, only actual work hours must be reflected and a log sheet of the excavator to be submitted with the final invoice after completion of works.

7.0 Reporting Requirements

The contractor(s) is/are expected to send a daily report on work progress to the PMU designated officers Mr. Eldon Tepa, Mr. Elwyn Maetia and Mr. Charles Biliki. The daily report should highlight progress of the work, UXOs found, amount of debris and ground works removed and any other information deemed as vital for the NHA/PMU's knowledge.

8.0 Submission

Pricing

All pricing shall EXCLUDE GST. The NHA is exempt from GST and a certificate will be provided at time of contract.

Contractor must provide indication of when the work can be conducted and completed

9.0 Resources & Equipment

Provide description of all available equipment's under your control.

10.0 Skills & Experience

Minimum requirements to meet qualifications,

- Have professional and technical experts in the identification, removal, transportation and disposal of all WWII munitions for the past 10 – 20 years.
- Trained Explosive ordnance clearance operators with recognized qualifications in the field and at least 3-5 years relevant experience.
- TIN Number. Must be legally registered.
- Experience of company with similar work.
- Schedule of Works-Proposed schedule to complete all works by the required completion date.
- Valid liability insurance policy in place showing the limits of liability.
- Good working history with no background of non-compliance. (This will be verified with the EOD Team).

Appendix B - Consultant's Personnel

Contractor will need to have the proper qualified and experienced personnel that will ensure that all that are specified in the TOR in appendix A are achieved. Refer to CVs attached.

Appendix C – Consultant's Reporting Requirements

The Contractor is expected to report to the Project Management Unit. Any invoices submitted as claim for any payment will be verified by the PMU and forwarded to the Client appointed coordinator stated in paragraph 4 of this contract for approval.

Appendix D – Cost of the Services

1. Betikama borrow site.

Item	Unit	Qty	Rate	Total Cost
General & Preliminary Items				**$119,300.00**
Specific UXO survey work Items.				**$1,058,116.00**
Grand Total				**$1,177,416.00**

C/-P.O. Box 2443
Honiara
Solomon Islands

Phone:
677 7308800

Facebook page:
Sol2023 XVII Pacific Games

NATIONAL HOSTING AUTHORITY
XVII 2023 PACIFIC GAMES

1.Executive Summary:

The brief report is to justify why PMU go ahead with the engagement without following the procurement process for securing of Betikama, SDA Mission site for the borrowed land and engagement of SIBAC, UXO, and SAFE SIGNAL, QA & QC teams for the site clearance.

2. Background Information;

There was an implementation agreement between the Solomon Islands government and the Peoples Republic of China (PRC) for the development of the games facilities at King George East and West and one of it was for the SI government to provide for the construction sites, borrowed land for ground fill. And not until recently, NHA realise after CCECC put pressure on NHA to quickly organise the borrowed sites for extraction of fill ground for backfill of KGVI school and Panatina sites.

3. Uprising Issues:

NHA failed to deliver on time the borrowed land to CCECC and CCECC has claimed that NHA his already caused 40 days delay to their contract and thus put PMU team in an awkward position, being the engine for delivering all the games facilities on time for the 2023 games.

4. Borrowed Land and Issues to be Resolved

i. Getting free landfill to meet the specifications was a challenge.
ii. Initially were going to go with SINU; however, they provided small mounds and hills in various locations which could not service the requirements of the project.
iii. We approached SDA Mission who owns the Betikama site confirmed they could assist and at a rate of $25/m3.
iv. A site inspection between NHA, SDA Mission and CCECC (contractor) confirmed the site as suitable for quantity and quality to suit the needs of the project.
v. For this site, it was requested that an environmental impact assessment be completed.
vi. This process involves an environmental assessment, approvals from the Ministry of Mines and the Ministry of Environment for approvals.
vii. The process of getting development permit from Guadalcanal Provincial Government also been approved.
viii. PMU has completed the reports and received the relevant approvals as of 2 July 2021.

ix. KGVI school is being impacted by illegal settler Judith Maclean. Contractor is concerned given lawyer is involved.
x. We have been pressured by CCECC and SPM to expedite the Borrowed Land ready for CCECC to use as per MOU
xi. UXO clearance and QC, QA needs to be done before extraction of ground fill can be done.
xii. Having delayed the process in contract point of view each day delay would attract a penalty ranges from 1% to 10% of the current contract sum.
xiii. For PMU each day is a countdown for the delivery time of the 2023 games.
xiv. We are caught unprepared on this issue which to my understanding this supposed to be organise done long time ago to avoid such last minute rush.

Quotations Summary:

Item	Supplier / Company	Qty	Unit	Rate	Amount
1	SDA Mission Borrowed Land, Betikama	120,000	m3	25.00	$3,000,000.00
2	SIBAC UXO	60,077	m2	19.69	$1,177,416.00
3	SAFE SIGNALS	60,077	m2	8	$480,616.00
				Total	**$4,658,032.00**

Official Approval by PMU

Date 20/07/2021 **Prepared by: CA**	Endorse	
Date 20.07.21 **Executive ~~Director~~ PMU**	Approved	Not Approved

National Hosting Authority
Meeting Minutes

Games Tender Board (GTB) Meeting

Date:	21 July 2021	
Venue:	NHA Conference Room	
Time:	2:40pm	
Secretary:	Jone Vave	
Attendees:	Co-chair:	1. Dr. Jimmie Rodgers - SPM
	Co-chair:	2. Mr. Joe Sika – NSC Chair
	Member:	3. Mr. Mcfaddean Aoracinisaka – Director PG2023 Cabinet Sub Committee
	Member:	4. Leslie Penibanga – Deputy Accountant General
	Member:	5. Jesper H Anisi – GOC Representative
		6. Edward Waiwaki – AG Representative
Apologies:	Vice Chair:	1. Susan Sulu – PS MNPDC
	Member:	2. Mr. McKinnie Dentana – PS MOFT
	Member:	3. GHP Committee Member
	Member:	4. Mr. Stephen Maesiola – PS MID
		5. Jimmy Nuake – DPS MID

Thursday 21 June 2021 *Minutes*

Agenda:

1. Opening Prayer
2. Chairman's welcome and opening remarks
3. Main Agenda
    a. Awarding of PG2023 Football Training Center (New SIFF Academy)
4. AOB
    a. UXO Works at Betikama
    b. Plot 1 PRC Site UXO
    c. WIKA Variation
    d. Payment for Betikama Borrowed land - $SBD3 Million
5. Closing Prayer

Outcomes:

1. Chair gives Board members time to read through meeting documents
2. Opening Prayer by Joe Sika
3. Welcome and opening remarks from Dr. Rodgers (GTB Co Chair)
4. Brief Introduction of Present Board Members
5. Apologies from:
    a. Mr. Mckinnie Dentana – PS MOFT
    b. Mr Maesiola – PS MID
    c. Mr. Jimmy Nuake – DPS MID
    d. Martin Rara – GOC Chair

Agenda: Deliberating the responses from CCECC and JED
Presenter: Dr. Jimmie Rodgers
Discussion:

GTB Chair

- GTB members could not make decision last meeting and agreed to reconvene today to deliberate on SIFF Academy Project.
- The Board requested the secretariat to request further information from JED and CCECC.

The Executive Project manager (EPM) is invited to provide updates on the outcomes of the requests assigned to him last week.

Executive Project Manager (EPM)

- Requested further information from the two companies last week.
- CCECC provided their response on 19/06/21 and JED provided theirs on 20/06/21.
- JED was asked to respond to the following queries,
  1. Submit updated project delivery;
  2. Submit structure of Project delivery team;
  3. Confirm financial capacity to manage a project of this nature noting that payment may be delayed up to 6 months;
  4. Submit project's cash flow for project duration and;
  5. Confirm the indicative value of variations for additional bulk works
- JED's response:
  1. JED updated project delivery states they will complete the project by August 2022.
     - ITB has assessed and confirmed it is reasonable and within the current market speed.
  2. ITB confirmed that the individuals in the team have experience for the project.
     - Kenneth Bo'o is the Project manager
     - He will resign from his position in SINU if JED is awarded.
     - EPM highlighted that they have no experience working together.
  3. Super Entertainment Center has agreement with JED to give $SBD5 million upon being awarded the project. EPM flagged that NHA will have no control over the contracts JED have with other entities.
     - JQY submitted letter from BSP indicates they have $SBD7m overdraft. No clear indication about how much of overdraft is spent and where it is sitting.

4. Cash flow projection are reasonable for allocated activities. Baseline cost to deliver $SBD50m excluding profit margin and other contingency. $SBD63m total value including profit margin and contingencies.
5. JED previously allowed for variation of earth bulk works due to incomplete design but now stated there will be no additional variation. Earth bulk works included in $63m budget.

- Overall JED strengthened their submission and provided clear picture.

- CCECC requested to respond to following queries:
    1. Submit updated Project Delivery
    2. Confirm CCECC's capacity to deliver on time and to required standards;
    3. Submit project Delivery team structure;
    4. Confirm financial capacity to manage project noting that payments may be delayed for 6 months;
    5. Submit cash flow projection for project duration;
    6. Confirm that CCECC has Solomon Island bank accounts and currently trading out of it;

CCECC's Response

1. program indicates work will be completed by 30/01/23, approximately 4 months after JED.
2. CCECC nearing completion on some projects in Honiara thus will have people and machinery on standby. Confirm they have capacity to deliver and will not impact other ongoing projects with MID.
    - CCECC partnered with Kramer Ausenco as their designer. Kramer Ausenco has experience in country and in pacific to deliver and design projects to required standards.
3. Submitted staff list and qualifications and stated they are committed to project if awarded.
4. Confirm they have financial capacity and proven it with SINIS project.
5. ITB assessed their cash flow projection and confirmed that it is fair, reasonable and within current market parameters.
6. Provided bank documents to confirm they have account in Solomon Islands and are operating under it.

- CCECC provided a lengthy explanation for why they were not meeting obligations under MID Contracts. Reasons are associated between MID and CCECC and would be best for GTB members to look at the explanation themselves to gauge if CCECC response is reasonable.

- After review and deliberation of the responses, ITB has decided to leave the decision to GTB to award the contract.

- Chair confirms responses from JED and CCECC.
- Chair notes the key differences between two responses is 1) the budget and 2) proof of project delivery which JED has not provided enough proof of. Important aspect is to assess the ability to deliver project on time and budget which both have stated they can.

Chair gives board members time to ask questions to ET

- Board member queries the number of locals to work with the projects?
  - EPM response: currently CCECC adopting minimum 1:3 or max 1:4 (Chinese to Local). This can be negotiated in the contract if CCECC is awarded.
- Board member queries if all Chinese staff currently in country?
  - EPM response: Yes, all staff stated for SIFF project are in country.

EPM Leaves room to give GTB members to deliberate on Main agenda

Action point:

- n/a

Agenda: Deliberation of SIFF Project **Presenter:** Dr. Rodgers

Discussion:

Chair gives opportunity for members to share opinions.

Director PG2023 Cabinet Sub-committee

- maintains original position with awarding project to local contractor after new information ITB provided.
- Despite JED not having experience, they should be given opportunity to prove they can deliver such project.
- Building not complex and can be done by local contractor.

GOC Representative

- Matthew Wale raises a point that we should protect local contractors
- If we go for local, we can ask them to reduce costs.
- Project should be awarded to local contractor.

AG Representative

- Project should be awarded to local contractor

Deputy Accountant General

- Safest way is CCECC in terms of delivering project
- JED is qualified on paper but they have no previous experience of working together.
- Awarding contract to JED will come with lots of risks.
- CCECC has proven track of delivering projects but not good to give all money to Chinese companies.
- Retendering seems likely if board does not want to award it to Chinese company.

GFC Chair

- Supports motion that local company be given the project.
- Biggest work JED worked on is 2 million
- Financial capacity is a risk even though JED have support from Pacific casino and JQY. Indicates that funding is not within JED.
- There is a risk, if there's a disagreement between JED and donors.
- JED may not be the best local company even though we want a local company to be awarded.
- Project should be retendered

GTB Chair

- All GTB members want to see the project awarded to local company.
- Confirms comments from GOC rep that it is in GTB capacity to request cost reduction from JED.
- GTB have to ensure project is delivered at all cost.
- Key aspect of project is to deliver fields to FIFA standards that will be used for PG.
    - Building aspect of project is to ensure NHA honor deal with SIFF.
- Chair queries whether initial design and build project scope involve works for the fields as well.

GFC Chair

- Initial scope was only for building. Fields was later requested by SIFF to have higher priority than the buildings.
- Fields was later included as variation to initial scope. Field now included in the project scope.
- Current elevation of MAL is about 1m lower than road
- Bulk of the work is to bring the level up to the road level and design for drainage

GTB Chair

- If retender, there has to be a justified reason for it and the scope has to provide more emphasis on fields.
- If decision was made objectively, CCECC should be awarded because of proven track record of delivering projects, budget and experience.

GOC Rep

- After hearing what Leslie mentioned, there is a lot of risk involved for local companies.
- Agree for Board to retender.
- If board was to make a decision now, CCECC should be awarded based on costs.

AG Rep

- In light of new information, there is risk with local contractor.
- Supports motion to retender, but if CCECC bids again, then should award it to CCECC because of a good record of delivering project.

Deputy Accountant General

- If retendering, have to consider local companies and do restrictive tender.
- Provide clear specifications of what is required
- Restrictive tender is when what we want is specialized and only certain companies can provide them.

GTB Chair

- If decision is made objectively, CCECC would be awarded the contract.
- It is clear that GTB members would like to promote local content.
- Contractors that have already submitted don't need to submit again for the retender.
- Restricted tender is only to Local companies.

GFC Chair

- If we retender, we need to define local company to avoid confusion.

Deputy Accountant General

- Main guide to restrictive tender is the potential to deliver
- Only going to people that we know can deliver
- Restrictive tender is open for 7 days
- We can get a decision report within a month

GTB Chair

- After extensive discussion, GTB has decided to retender the SIFF Project

- Note that ITB did not provide recommendation and left it GTB to make decision.
- Whilst there is a clear difference between CCECC in terms of cost, experience and proof of delivery, it wasn't enough to convince board to award them the project.
    - Reason is because board would like to use PG as capacity building catalyst for local company.
- Board agree to do restrictive tender.
- Give them 14 days from the day documents are given to bidders
- General sense is to appoint local contractor.
- Appointment of CCECC hast to be last resort if no local companies can deliver
- Reasons for retendering is:
    - There has not been much emphasis provided to the fields in bid submissions. Needs more clarity on the importance of fields
    - Board would like to encourage participation of local companies that can deliver projects of such magnitude.
    - Budget.

Action point:

- SIFF project shall be retendered.
- Retendering shall be done through restrictive tendering and only selected companies shall be invited to submit bids.
- Joe Sika to sit with Secretariat to ensure documents are accurate.
- Leslie to provide list of Local companies for restrictive tendering.
- Jone to circulate decision of meeting to other board members.

Agenda: AOB – WIKA variation for Flooring **Presenter:** Dr. Rodgers

Discussion:

EPM

- Variation to construct and install international flooring
- Initially WIKA planned to install Gerflo in the stadium.
- After consultation with Clint and research, plastic flooring was selected as the best flooring
- Gerflo has lifespan of 15 yr, plastic flooring has 35 yr lifespan.
- There are no specialized skills in country to replace flooring thus team have decided to select longer lasting floors.
- Decision is to have both SI futsal stadium and SINIS to have the same type of flooring.
- This variation is for flooring at
    - Solomon Islands futsal stadium Hall &
    - SINIS
- Cost for new plastic flooring:
    - SI Futsal Stadium - $SBD2.45m
    - SINIS - $SBD1.108m

- The same flooring will cover all the flooring and not just the playing surface.
- This is to avoid having sections of the court deteriorating at different times.
- Amount for GTB to approved is 3.7m and includes 200k to allow for cost fluctuations in exchange rates.
- Variation amount for approval is within budget and in 2021 procurement work plan.
- Product comes from Europe through an agent in Australia.
- Production and lead time to arrive in Honiara is 7-8 months.

EPM and Secretariat Leaves room for GTB to deliberate

Board Decision:

- Board members agree to approve the variation since it is within budget.

✓ Motion moved by *Jasper Anisi*
✓ Seconded by *Leslie Penibanga*

Agenda: AOB - UXO Works at Betikama, Plot 1 PRC site excavation and Payment for Betikama Borrowed land - $SBD3 Million

EPM and Secretariat invited to explain

1. <u>Payment for Betikama Borrowed land - $SBD3 Million.</u>
   - KG west and east site currently sits below flood plain and road level.
   - Betikama site was identified as source of backfill material to bring KG site to same level as the roads.
   - Current market rate for backfill material is $SBD200 – $SBD250/m3.
   - Agreement was reached between Seventh Day Adventist Mission and NHA to purchase backfill material at $SBD25/m3.
   - UXO works must be completed before excavation works begin thus the request to GTB for payment approval.
   - Estimated Cost of backfill material at Betikama site is $SBD3 million for 120,000 m3.
     - $SBD3 million is cost for backfill material.
   - NHA will monitor amount of material moved from excavation site by having a staff on excavation site to count number of loaders moving out of the site and then correspond it to number of loaders arriving at KG site.

2. Plot 1 PRC site UXO – KG west Site
   - UXO had to be redone to ensure the site is UXO free.
   - Initial UXO scope was done at depth up to 2m.
   - New UXOs were found at a depth of 4m therefore the new scope is for UXO works up to 6m deep.
   - Sites have been redone and cleared thus seeking retrospective approval for UXO payments.
   - UXO cost for Plot 1 KG West site is $SBD570,900.00
   - ITB identified that charge for hiring of equipment is included in $SBD570,900.00.
   - Cost may reduce if SIBAC agrees to remove charge for loop machine.
3. UXO Works at Betikama Site
   - Costs for UXO works at Betikama was initially 1.38m.
   - A few inconsistency was identified in their pricings and after negotiations, cost was reduced to $SBD1.17m.
   - In addition, cost for Quality assurance check is $SBD480,000.
   - Total site area 60,000m2, SIBAC clearing the area at a rate of $SBD19.69/m2 – rate is for initial clearing plus machinery.
   - QA works is at $8/m2
   - 2 different contractors working on site (SIBAC did UXO and Safe Signals did QA), first one does vegetation and UXO clearance, next contractor does second UXO clearance using the same calibrated machine.
   - ITB identified that the contractor included charge for hiring of Loop machine in the $SBD1.17m. ITB has agreed not to accept that cost because the loop machine was bought in on tax exemption with the purpose of using it for PG2023 works.
   - Total cost for UXO works at Betikama and Plot 1 = 1.17m + 0.57m = $SBD1.74m
   - Cost may reduce if SIBAC agrees to remove charge for loop machine.

Deliberation on $3m payment for Betikama Borrowed land.

Board Decision:

- Board agree that the cost is very cheap compared to current market rates and should be approved.
- Board notes that Betikama site can potentially be used as backfill material for SIFF project as well.

✓ Motion moved by *Mr. McFaddean*
✓ Seconded by *Jasper Anisi*

Deliberation on UXO Works for Betikama and Plot 1 PRC site

Board Decision:

- Board agrees to investigate the inclusion of equipment hire included in UXO costs and whether it should be included or not.
- Board suggests to include 10% retention to UXO contractors and a retention period of 3 months after excavation works have been completed.
    - Meaning for every payment to contractors, 10% of the amount is retained.
- Board agrees to approve payment of UXO works for Betikama and Plot 1 KGVI West PRC site

✓ Motion Moved by Dr. Jimmie Rodgers
✓ Seconded by Joe Sika

Meeting adjourned @ 5:48pm

Closing prayer by ***Jasper Anisi***

Secretary: _____ Date: 27 July 2021

Chairman: _____ Date: _____

Minute

To: FC

From: PC

Date: 27/07/21

Location: Sea King Building

FC,

Find attached documentations for UXO works at Betikama borrow site. Note that the works have been approved by the GTB as per the minute of meeting attached. Approval was granted on the basis that a negotiation be struck with SIBAC to lower or exclude the hire charge of equipment from their invoice.

However, for now, please facilitate 50% mobilization payment as works need to re-commence. Any deduction for the hire charge can be done on the final payment upon completion of the works.

Regards

PC

NATIONAL HOSTING AUTHORITY EXECUTIVE DIRECTOR SOLOMONS 2023 PACIFIC GAMES

2 following ED PMU consultation with SIBAC it is recommended that the invoices as presented to ITB/GTB are paid as they are.

NATIONAL HOSTING AUTHORITY EXECUTIVE DIRECTOR SOLOMONS 2023 PACIFIC GAMES 2/8/21

ED

1. The amount approved by GTB is $1093,416.00
   - Contract to be amended.
   - Award letter to be attached.
   - ED's report on procurement of 4x10's and related issues to be noted and past mistakes must not be allowed to be repeated.

PACIFIC GAMES
SOLOMON ISLANDS

TECHNICAL EVALUATION COMMITTEE
National Hosting Authority

Ref: GTB 04/21 Date: 21st July 2021

The Chairman
NHA Board/Games Tender Board
P.O Box 2443
HONIARA

Dear Sir,

REQUEST TO APPROVE URGENT UXO SURVEY WORKS FOR BETIKAMA- BORROW SITE FOR CCECC

The TEC met and deliberated on the submission for the purpose of an urgent UXO survey at the Betikama area where plots have been identified to be used as borrow sites for CCECC's construction works. The works were critically urgent as the overall timeframe to completion of the PRC funded stadiums project had been delayed by 42 days due to lack of borrow land. Due to this urgency and the lack of UXO firms with the relevant equipment to carry out a thorough and proper scanning, due process could not be followed.

On this note Sir, I am hereby requesting you to waive requirement under FI in compliance to the CTB Chairman's memorandum reference 479/5/1 dated 26th February 2016 regarding Granting of Bid Waiver.

Approval is hereby sought for waiver of the open tendering requirement under FI's and kindly request that you grant retrospective approval of this payment.

Thank you in advance for your consideration and/or approval.

Christian Nieng

Executive Director/ITB (TEC) Chair

S.I.B.A.C.
P.O. Box 943
Honiara
Solomon Islands
email: sibac2021@gmail.com
mob.: (+677) 7798397 / 7417013

BILL OF QUANTITIES

Job Title: *BETIKAMA BORROW SITES Hills one and two including LOADING SITE*
Job Ref. №: *ITB 19/21*

Job Locality: *BETIKAMA SCHOOL AREA- CAMP SITE BORROW SITES Hills one and two including LOADING SITE.*

ITEM №	WORK DESCRIPTION	UNIT	QTY.	UNIT RATE [SBD/Unit]	AMOUNT [SBD]
1.0	**GENERAL & PRELIMINARY ITEMS**				
1-GI1.1	**Provision for Safety & Hazard Management practice for duration of Job;** ** Safety attire on-site;* ** Ensure Safe & Accident Preventive work method for all on-site activities;* ** Conduct on-site 'Safety & Hazard' training/giudance for all operators;*	LS	1.0	10,000.00	10,000.00
2-GI1.2	**Provision for Compilation/Submission of;** ** Daily Accomplishment Reports [DAR].* ** Job Completion Reports [JCR].*	LS	1.0	13,000.00	13,000.00
3-PI1.1	**Provision for (*excl. any & all heavy plant & t/trucks*);** ** Mobilization* ** De-mobilization*	LS	3.0	2,500.00	7,500.00
4-PI1.2	**Provision for Maintenance of Site Establishment throughout duration of Job;** ** Vehicle hiring (4No. vehicle)* ** Maintenance of staff on-site*	LS	1.0	88,800.00	88,800.00
				Sub-Total for GENERAL & PRELIMINARY ITEMS C2S:	**119,300.00**
2.0	**SPECIFIC 'UXO QC&A SURVEY' WORK ITEMS**				
5-S2.1A	**Charge for use of Specialized Scanning Equipment; *Large Loop *Magnex** ** **1No.** Shallow metal detector* ** Miscellaneous small equipment (eg. GPS hand-held unit, Camera, etc.)*	8hr-Day	24.0	3,500.00	84,000.00 X
6-S2.1B	**Charge for use of excavator @$1,300/hr for 3 excavators;** ** Excavation of suspect spots* ** Extraction/Loading spoils onto trucks for disposal*	8hr-Day	15.0	31,200.00	468,000.00
7-S2.1C	**Charge for use of dump-truck @$1,000/hr for;** ** Haulage of spoils to approved designated holding/disposal site(s)*	8hr-Day	30.0	850.00	25,500.00
8-S2.2	**Vegetation Removal** ** Removal & disposal of sparodic clusters of light vegetation within area ear-marked for UXO QC&A Survey Work*	sq.m	24.0		0.00
9-S2.3	**Non-Technical Survey, Technical Survey, plus Planned Systematic Search & Controlled BAC and internal QC&A over pre-cleared area (*Betikama borrow sites Hills 1 and 2*) at the proposed Site.** ** Visual inspection, Surface (0 -30cm) and Sub-surface scanning (30cm – 4m) using Magnex 120-L2 Magnetometer & Large-Loop Locater, respectively, within the 64,861 m2 of the Betikama Borrow Sites SDA Camp Site (Betikama Adventist Secondary School) perimeter;* ** BAC surveys;* ** Liaison with RSIP Bomb Disposal Unit;* ** Issuing of Clearance Certificate to Client;* ** Data Entry of completed UXO Clearance for SIG war zone*	sq.m	60,077.0	8.00	480,616.00
				sub-Total for specific 'UXO BAC' item C2S:	**$ 1,058,116.00**
				Total AMOUNT C2S:	**$ 1,177,416.00**

- 84 000
= $1093,416.00

..."Thank you for your business"...

Minute

To: FC

From: PC

Date: 27/07/21

Location: Sea King Building

FC,

Find attached documentations for UXO works at Betikama borrow site. Note that the works have been approved by the GTB as per the minute of meeting attached. Approval was granted on the basis that a negotiation be struck with SIBAC to lower or exclude the hire charge of equipment from their invoice.

However, for now, please facilitate 50% mobilization payment as works need to re-commence. Any deduction for the hire charge can be done on the final payment upon completion of the works.

Regards

PC

NATIONAL HOSTING AUTHORITY EXECUTIVE DIRECTOR SOLOMON 2023 PACIFIC GAMES

following PMC consultation with supplier it is recommended that the invoices as presented to ITB/GTB are paid as they are.

1. The amount approved by GTB is $1093,416.00
2. Contract to be amended.
3. Award letter to be attached.
4. ED's report on procurement of 4x10's and related issues to be noted and past mistakes must not be allowed to be repeated.

2/8/21

ED

PACIFIC GAMES
SOLOMON ISLANDS

TECHNICAL EVALUATION COMMITTEE
National Hosting Authority

Ref: GTB 04/21 Date: 21st July 2021

The Chairman
NHA Board/Games Tender Board
P.O Box 2443
HONIARA

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Approval is hereby sought for waiver of the open tendering requirement under FI's and kindly request that you grant retrospective approval of this payment.

Thank you in advance for your consideration and/or approval.

Christian Nieng

Executive Director/ITB (TEC) Chair

S.I.B.A.C.
P.O. Box 943
Honiara
Solomon Islands
email: sibac2021@gmail.com
mob.: (+677) 7798397 / 7417013

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Job Ref. №: *ITB 19/21*

Job Locality: *BETIKAMA SCHOOL AREA- CAMP SITE BORROW SITES Hills one and two including LOADING SITE.*

ITEM №	WORK DESCRIPTION	UNIT	QTY.	UNIT RATE [SBD/Unit]	AMOUNT [SBD]
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				Total AMOUNT C2S:	**$ 1,177,416.00**

- 84 000
= $1093,416.00

ANZ

Australian and New Zealand Banking Group Limted (ANZ)

STAMP DUTY PAID

HONIARA, SOLOMON ISLANDS

DATE 1 0 0 9 2 1
D D M M Y Y

PAY S1 BATTLE AREA CLEARACE OR BEARER

THE SUM OF FOUR HUNDRED AND TWENTY SIX THOUSAND EIGHT HUNDRED AND THIRTEEN DOLLARS 30/100

SBD 426,813-30

NOT NEGOTIABLE

PLEASE SIGN ABOVE THIS LINE

PLEASE SIGN ABOVE THIS LINE

№ 1584175

NATIONAL HOSTING AUTHORITY 5691140

DAVIS POIA

Beti Cannon

Final Payment

PAYMENT VOUCHER

Payment: Voucher No:	
NAME: SI Battle Area Clearance (SIBAC)	APPROVED BY EXECUTIVE DIRECTOR
Address:	Signed _____ Date 10/9/21
IF DIRECT CREDITS ISSUED: BANK REF #: _____ Signed _____	APPROVED BY FINANCIAL CONTROLLER Signed _____ Date 10/09/2021

NATIONAL HOSTING AUTHORITY EXECUTIVE DIRECTOR SOL2023 PACIFIC GAMES

NHA CODE	GL NAME	FULL DETAILS OF CLAIM	AMOUNT
6-2717 2-1440 2-1330	Other Local Other Costs Withholding Tax Payable Retention	Final Payment - Betikama Site	$588,708.00 -$44,153.10 -$117,741.60

Cheque No: 1584175 for $426,813.30 Date 10/09/2021

Signature of claimant _____

PRINT NAME: DAVIS PULA

Payment Voucher Prepared by _____ Date 10/9/21

S.I.B.A.C.

P.O. Box 943
Honiara
Solomon Islands

email: sibac2021@gmail.com
mob.: (+677) 7798397 / 7417013

INVOICE

Date: Thu 02 Sep, 2021

To: Mr. Eldon Tepala
The Chief Executive Director
NHA
PO Box 2443
Honiara
Solomon Islands.

From: S.I.B.A.C.
PO Box 943
Honiara

Job Title: BETIKAMA BORROW SITE Hills 1 & 2 including LOADING SITE

Job Ref. №: ITB 19/21

Job Locality: SDA MISSION Camp Site opposite the Lungga Power House, heading up to Betikama Adventist High School.

ITEM №	WORK DESCRIPTION	UNIT	QTY.	UNIT RATE [SBD/Unit]	AMOUNT [SBD]
1.0	Being for FINAL payment of BETIKAMA borrow site; UXO BAC SURVEY.	LS	1.00		$ 1,177,416.00
2.0	Less paid invoice for MOBILISATION payment.				$ (513,708.00)
3.0	Less 10% RETENTION				$ (117,741.60)
	Banking details: Please pay to the following account: POB SOLOMON ISLANDS BATTLE AREA CLEARANCE A/C No: 11501000890				
				TOTAL AMOUNT C2S:	$545,966.40

SOLOMON ISLANDS BATTLE AREA CLEARANCE
Date: 2/9/21
Sign:

..."Thank you for your business"...

NATIONAL HOSTING AUTHORITY
EXECUTIVE DIRECTOR
SOL2023 PACIFIC GAMES

31/08/2021

Four Hundred and Sixty Nine Thousand Five Hundred and Fifty Four Dollars and 90

***469,554.90

SI Batttle Area Clearance
Homiara

1584148		31/08/2021	$469,554.90
SI Batttle Area Clearance			
A.B.N.	6-2717	Other Local Other Costs	$588,708.00
	2-1440	Withholding Tax Payable	-$44,153.10
	6-2717	Other Local Other Costs	-$75,000.00
A.C.N.			

UXo - Betikama Borrowed Site

NATIONAL HOSTING AUTHORITY

SOL2023 Pacific Games

SINGLE PAYMENT CONTRACT COMPLIANCE CHECKLIST

Required Documents	Division	NHA Secretariat	Comments
Purchase Requisition & Payment Voucher			
Signed Contract	✓	✓	
Tender Evaluation Report	✓	✓	
Tender Award by GTB/ITB	✓	✓	
Copy of Advertisement (including dates of advertisement			
Bid Waiver (must include grounds for waiver)	✓	✓	
ICT Checklist (if for ICT goods)			
Original Invoice	✓	✓	
Certification of work completed/goods received (includes final reports)	✓	✓	
Compliance Checks required			
Tender advertisements made at least two weeks before tender closing date			
Contract form approved	✓	✓	
Check payment is inaccordance with payment provisions in contract	✓	✓	
PR/PV has been signed by authorized person			
Check amount on PR/PV matches the signed contract/invoice			
Name on PR/PV matches signed contract	✓	✓	
Account code used is correct			
Check bid waiver /restrictive tender is for a valid reason	✓	✓	
Check expenditure is acceptable and proper use of NHA/SIG monies	✓	✓	
Check calculations on invoice are correct	✓	✓	
Cheack price and rates are reasonable	✓	✓	

Note: IF any of the above cannot be certified, please include an explanation as to why. This will speed up the compliance process.

Divisional Compliance Performed By

Signed: _____

Name and Position: L.B, PC

Date: 6/9/24

NHA Compliance Performed By

Signed: _____

Name and Position: R Rhoso

Date: 09/09/2024

PAYMENT CERTIFICATE NUMBER 2

CONTRACT: **UXO Survey and Disposals Betikama Borrow Site**

CONTRACTOR: **Solomon Islands Battle Area Clearance**

DATE: **10-Sep-21**

Already deducted on first payment.

Please Amend

10/9/2021

ORIGINAL CONTRACT SUM:		$	**1,177,416.00**
MOBILISATION PAYMENT	**50%**	$	**588,708.00**
~~Less Advance Payment~~		$	~~75,000.00~~
Subtotal		$	513,708.00
Less Retenton	10%	$	117,741.60
THIS CLAIM:		$	**545,966.40**
NET PAYMENT NOW DUE:		$	**545,966.40**
BALANCE OF CONTRACT		$	**545,966.40**

I here by Certify that the amount of **(SBD$545,966.40) FIVE HUNDRED AND FORTY FIVE THOUSAND, NINE HUNDRED AND SIXTY SIX DOLLARS AND FORTY CENTS** is now due to ***SOLOMON ISLANDS BATTLE AREA CLEARANCE.(SIBAC)***

Signed

Eldon Tepa
Executive Project Manager
National Hosting Authority Pacific Games 2023
Sea King Building

Cover Page

Solomon Islands Battle Area Clearance

UXO SURVEY OF BORROW SITE – BETIKAMA SITES

Final Report

Project Client: NHA

Project Type:
UXO BAC Clearance

Project Site:
Betikama/Camp Site

Operation Start Date:
06/July/2021

Operation End Date:

22/August/2021



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S.I.B.A.C.

P.O. Box 943
Honiara
Solomon Islands

Email: reinhadtalalo@gmail.com
Mobile: (677) 7798397

Report Completion Letter

Mr. Eldon Tepa
Chief Executive Director
Project Management Unit
National Hosting Authority,
P.O. Box 2443,
Honiara, Solomon Islands.

Attn.: Charles Biliki

Dear SIR;

RE: COMPLETION REPORT FOR THE 'UXO SURVEY OF BORROW SITE – BETIKAMA SITES'

The *Solomon Islands Battle Area Clearance* firm [S.I.B.A.C.] is pleased to present to your good office this *Job Completion Report* [JCR] containing the UXO/AXO *Clearance/Survey Certificate* plus all the Technical details of this UXO/AXO Technical Survey Work performed over the entire UXO SURVEY OF BORROW SITE – BETIKAMA SITES area [the Site], which commenced on 06/July/2021 and finished on 22/August/2021.
S.I.B.A.C. would like to assure you that the UXO/AXO Survey (*and subsequent Clearance*) at the Site was done according to, and adhered to International Mine Action Standards and National Mine Action Standards. Technical Survey to a maximum depth of 4 meters was carried out throughout the area. SIBAC is looking forward to continue working with the National Hosting Authority [NHA] of the Solomon Islands Government [SIG] and it's Donor Partners in any future required UXO Assessment and Clearance works anywhere in the Solomon Islands.

Thank you for believing in S.I.B.A.C. hence entrusting S.I.B.A.C. to carry out this UXO/AXO Survey (*and subsequent Clearance*) Job for the NHA at BORROW SITE – BETIKAMA SITES

Yours Faithfully,

SOLOMON ISLANDS BATTLE AREA CLEARANCE
Date:
Sign:

Reinhard Alalo

Managing Director S.I.B.A.C.

UXO/AXO Clearance Certificate

COMPLETION - CLEARANCE CERTIFICATION AND REPORT		
Map Name	UXO SURVEY OF BORROW SITE – BETIKAMA SITES area	**MAP REFRENCE & NAME OF CLEARANCE Area**
		UXO SURVEY OF BORROW BETIKAMA Site; Refer to Map Locations

PART 1- DETAILS OF CLEARANCE OR SURVEY			
Name of clearance organization:	Solomon Islands Battle Area (SIBAC)	**Date Start:**	6-Jul-21
		Finish Date:	8/22/2021
Clearance or survey : Survey (with Clearance)		**Quantity and types of munitions located**: Refer attached ERW Data Sheet	

Methods & Technologies used:

Large Loop Magnometer set at figure 8, threshold of 40 and delay - 200 (2) Magnex 120 set at mod 2 & 3 for both shallow and deep search. Calibration Pit established on site. The following munitions were used as calibration items at the depths stated below.
(1) 1 x US MKII Hand Grenade placed at 30cm depth
(2) 1 x US 50mm projectile was placed at a depth of 40cm
(3) 1 x US 60mm mortar was placed at a depth of 50cm
(4) 1 x US 75mm projectile was placed at a depth of 70cm
(5) 1 x US 90mm projectile was placed at a depth of 1 meter

Quantity and types of UXO destroyed on site: N/A	**Depth of clearance**: 4 meters	**Square meters of cleared: area 60,077m²**
Is area now metal free?: Free from UXO/AXO only.		**Type & locations of cleared area marking**(see attach maps)
Quality Assurance carried out by:		**Quality Control carried out by:**

PART 2 - DECLARATIONS	
A. Declaration by certified (IMAS) operator field Manager: I declare that the area described in this document has been cleared in accordance with International Mines Action Standards, and that to the best of my knowledge and belief, it is free of, Unexploded ordnances only to the depths stated on this form.	**B. Declaration by Responsible Authority:** NB: No authorized firm is legally mandated to oversee Quality Control management and validation.(1) This Declaration of clearance is accepted.(2) The area described in this report is accepted as clear of unexploded ordnances only
Name: Mr. Reinhard Alalo	**Name:**
Position/Title: Site Manager	**Name of organization:**
Signature:	**Signature:**
Date:	**Date:**
THIS DOCUMENT HAS BEEN DISTRIBUTED AS SHOWN BELOW	
a. Original to: Client- NHA	**b.Copy to:** SIG RSIPF Database
c. Copy to: G Province Database	**d.Copy to:**

PROJECT OVERVIEW

Project Information

Project Site	Perpetual Estate (PE)Title owner	NHA REF NO#
Betikama School area.	Seven Day Adventist (SDA)	ITB I9/21

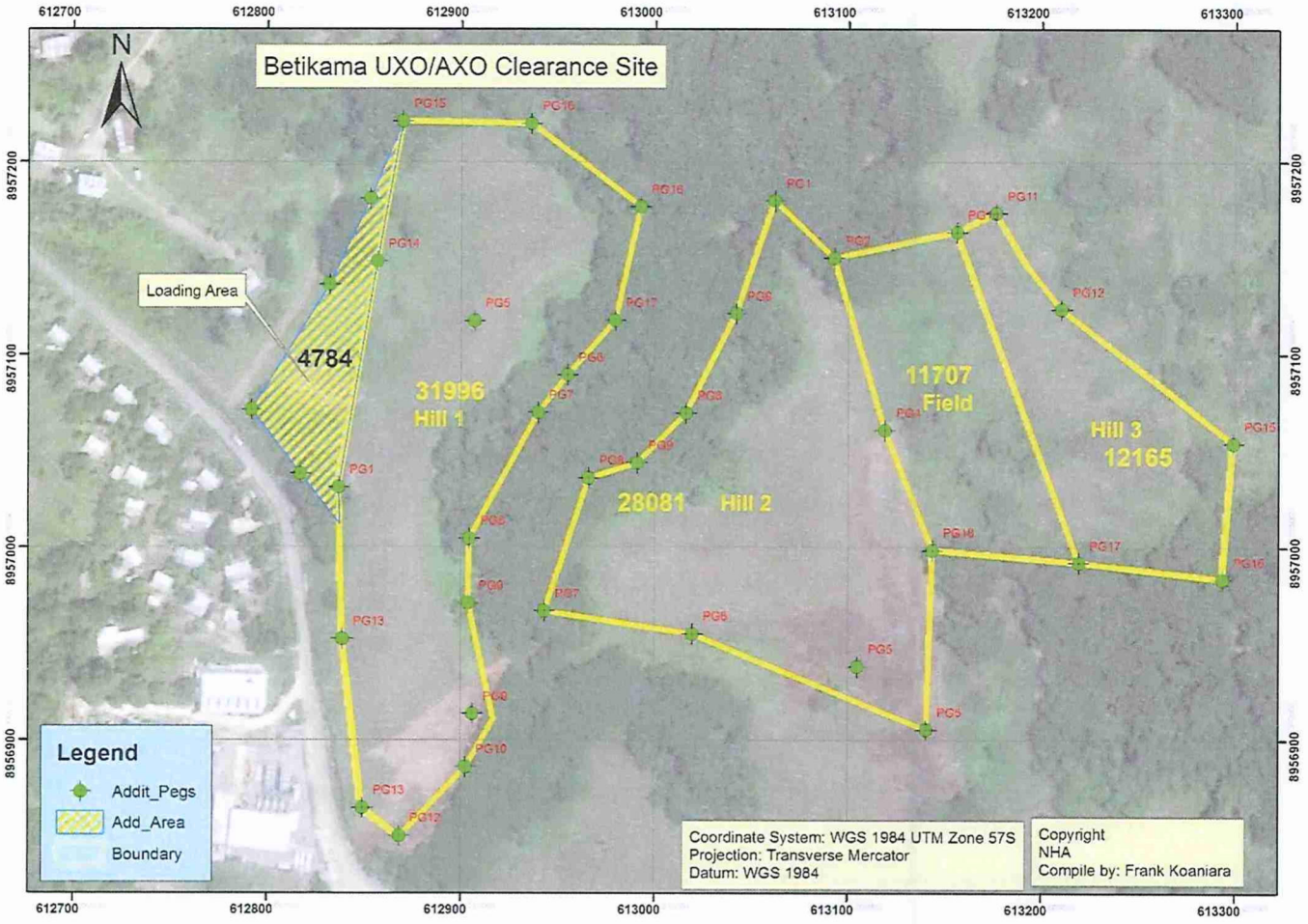
Background

Solomon Islands is preparing to host the 2023 Pacific Games in Honiara and the National Hosting Authority (NHA) is preparing sites to prepare sporting facilities within Honiara. The construction of the main stadium has commenced by CCECC. A requirement of the construction process is to dispose the top soil of the site and backfilled using gravel. SDA Church Management has approved certain plots within their betikama school boundary for CCECC to collect these gravels. However, before excavation starts, a UXO survey needs to be carried out on the plots to ensure the areas are UXO free.

Objection

- Carry out UXO clearance of these borrow sites

Propose Project Site



Scope of Work

The scope of work to be carried out include, but is not limited to the following:

- To mobilize and visit the identified development sites. This includes: site inspection, site marking, set admin and safe parking area, required vegetation clearance and all other necessary project control measures on site to ensure all working areas are cleared at all times throughout the duration of the project.
- To clear, detect/identify and remove UXO's and other chemical munitions that has the risk and hazard from human lives.
- Escorting and disposal of UXO's and other explosive materials as per established and authorized protocols.
- To deliver the expected work output in a timely manner.
- To provide the required certification of works, and to register such certificate with relevant authorities.
- Clear the area systematically of all bigger metal objects
- Remove all Metal signals from the ground and place in a metal collection point
- Cooperate with the external QC & QA contractor.
- Report all ERW found to the RSIPF EOD team
- Report all ERW found to the External QA/QC team
- GPS & record ERW only (not metal waste)
- Prior to starting the task demonstrate the detector search depth to the QA/QC team
- Have your SOP on site at all times

UXO Area

The total area to be UXO'd is as follows:

- Hill 1: 31,996 m^2
- Hill 2: 28,081m^2

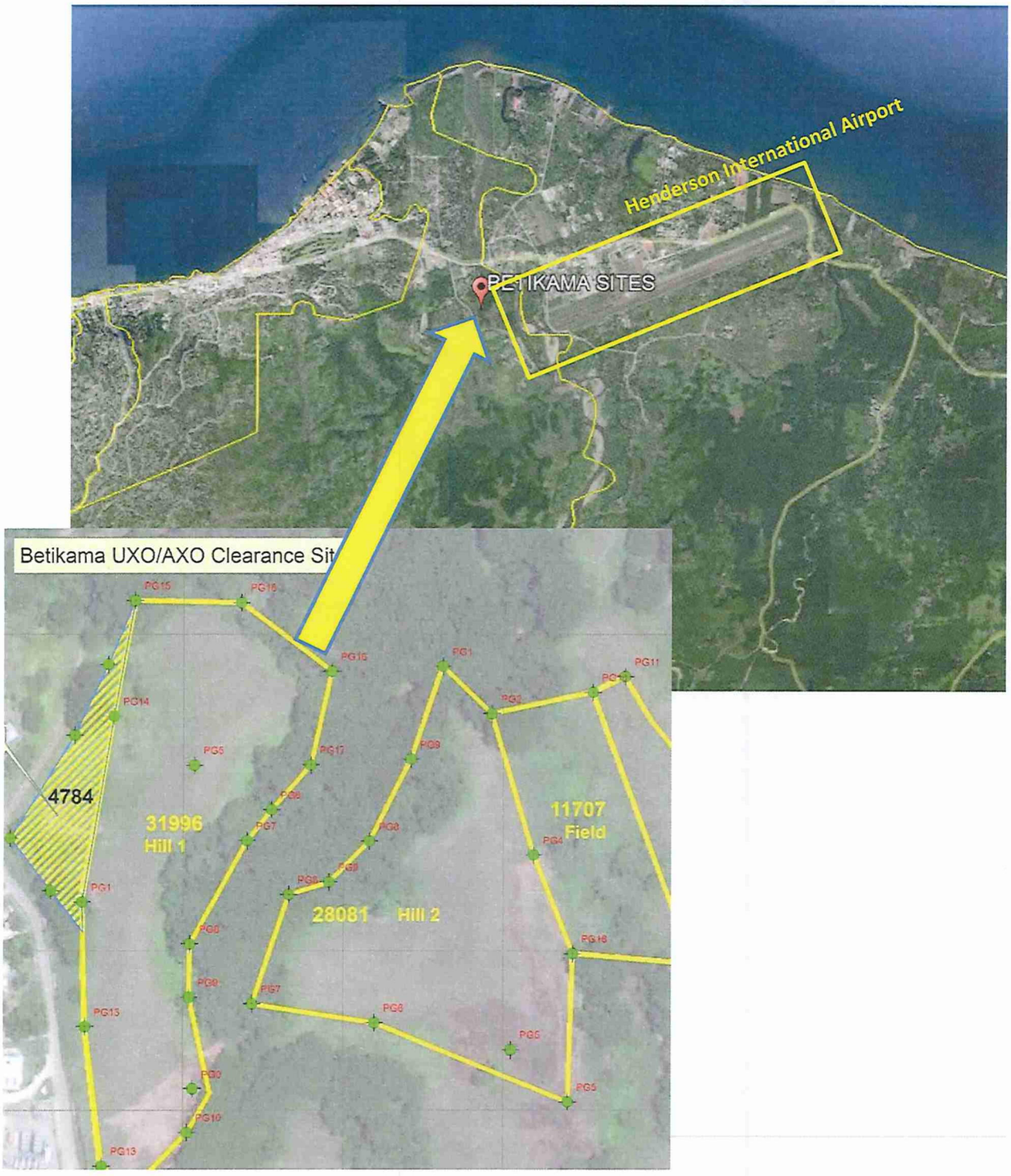
Total Area= 60,077m^2

Historical Data Compilation UXO SURVEY OF BORROW SITE

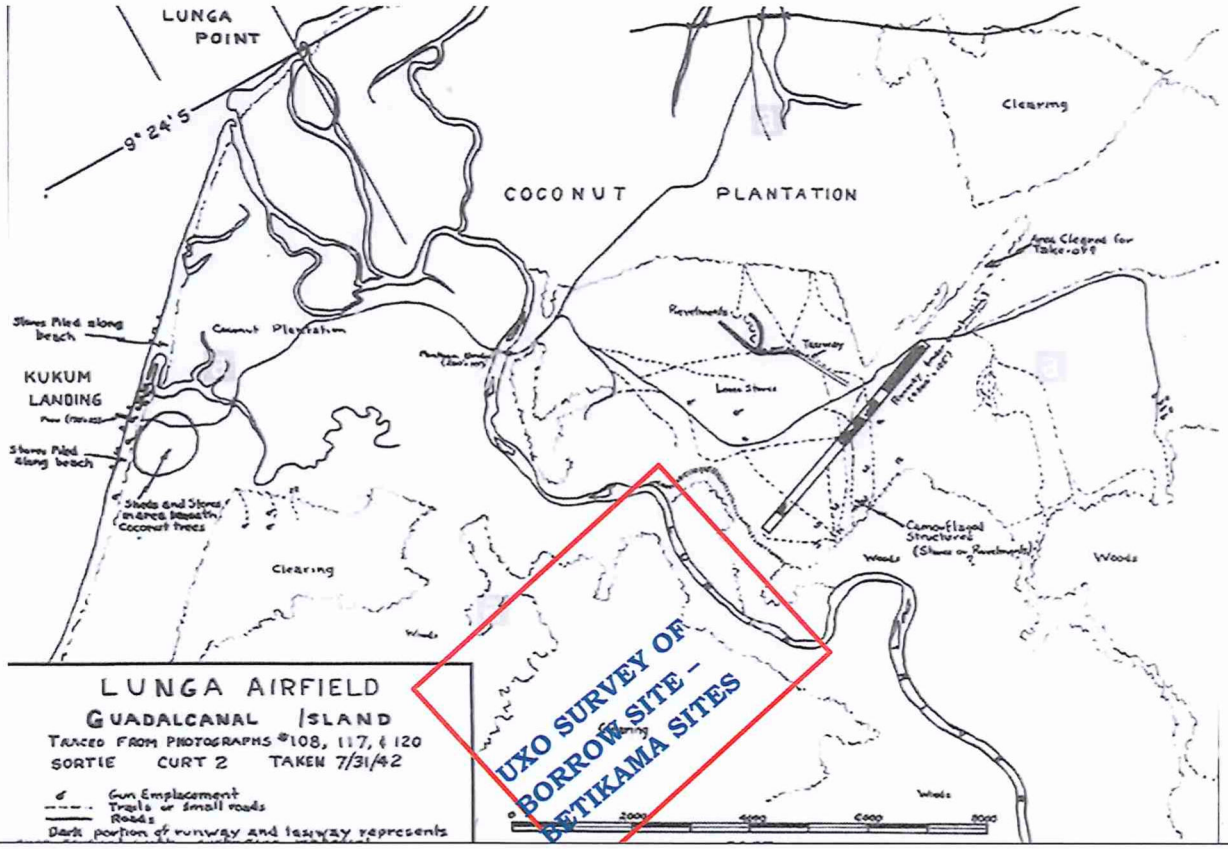
Desktop Survey		**Surveyor Responsible**		Frank Konairara Tabai	
Date of Survey Assessment	06/July/2021	**Date Assessment Complete**		11/July/2021	
ORIENTATION					
Province / Region	Guadalcanal	**Ward**	Tandai	**Population:**	14806



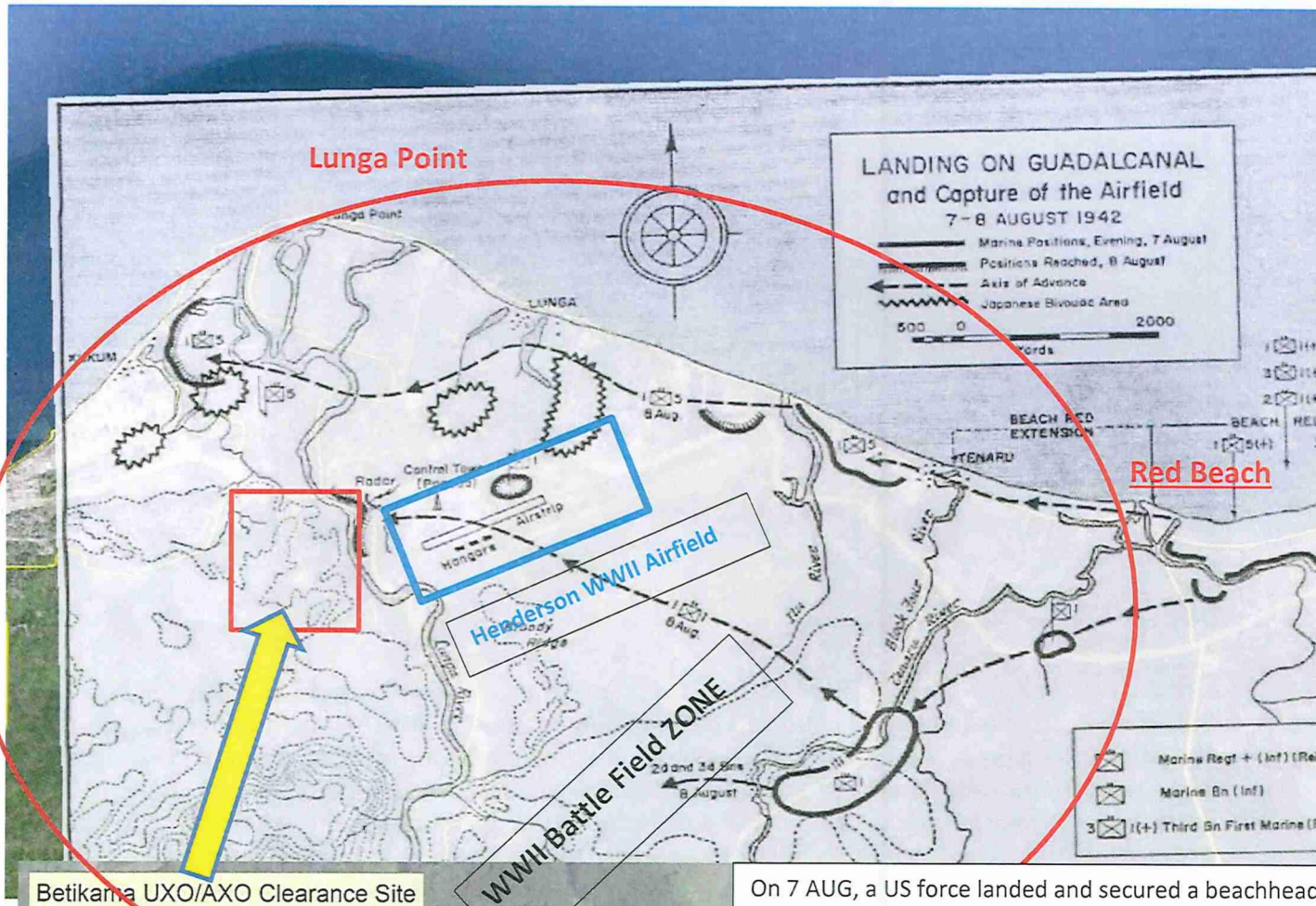
Location of Betikama Borrow Site

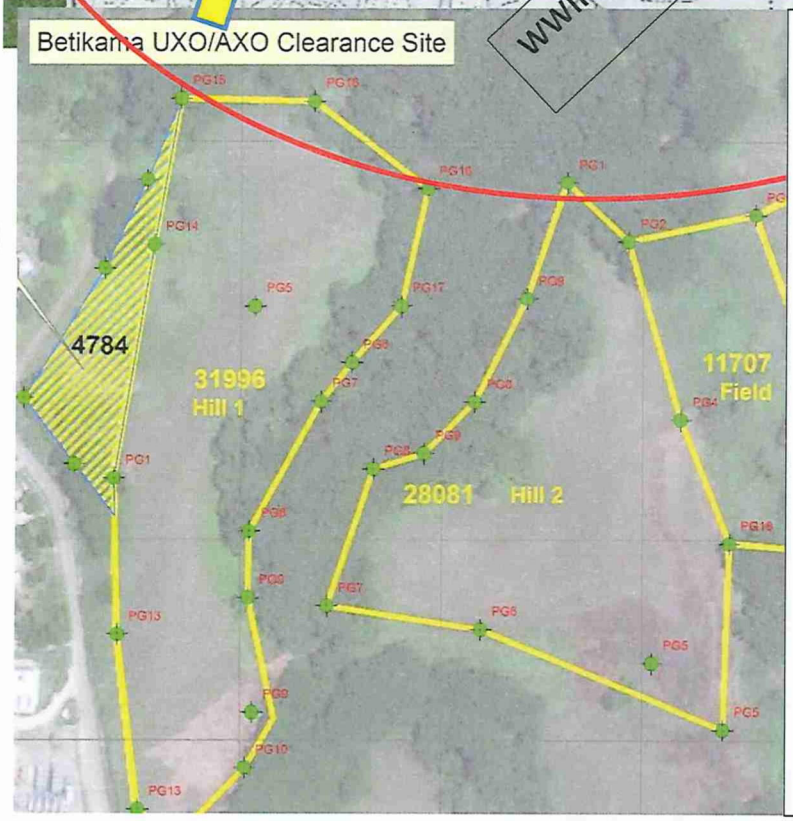


CHRONOLOGY OF SIGNIFICANT MILITARY ACTIVITIES (JUL 42 – FEB 43)
JAPANESE INVASION AND OCCUPATION (JUL 1942)



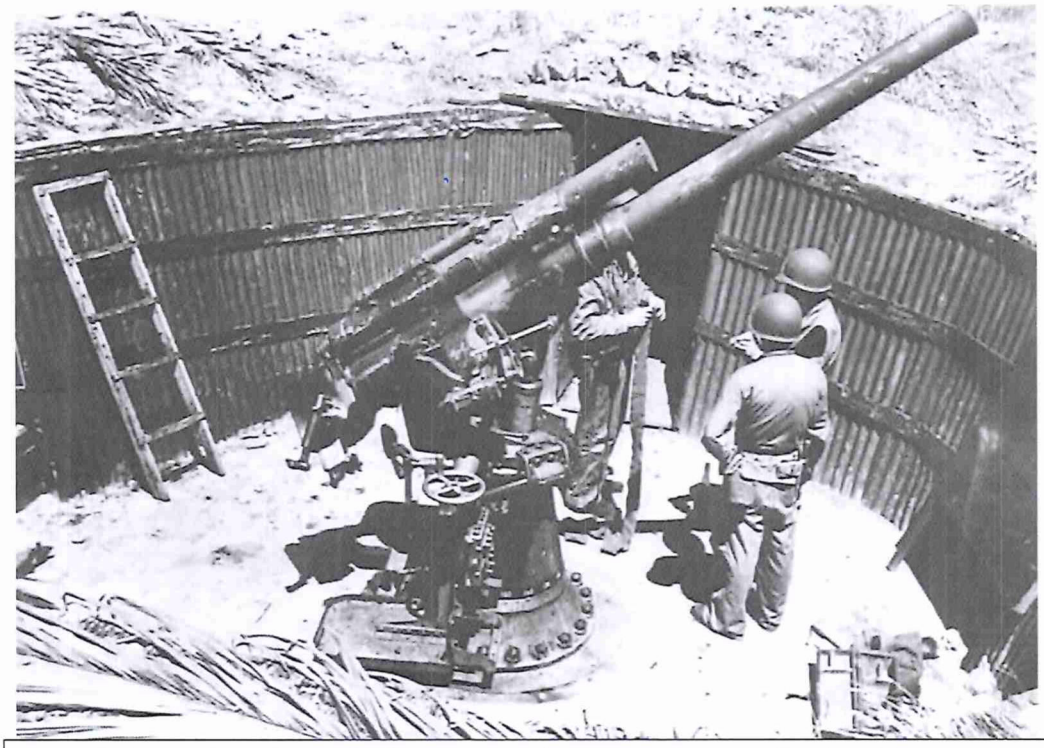
This first period of the conflict within Guadalcanal involved the Japanese establishment of an Airfield (Henderson Field) and logistics base at the Eastern Edge of Honiara in what is now known as Ranaldi Industrial Area in the Eastern end of Panatina ward. During the war it was described by the Americans as in what was then known as 'Kukum'. The Japanese selected this beach as their main landing and supply storage area for the construction of an airfield further east of the Lunga River using the existing road and river crossing. The airfield site was chosen because it was a flat plain and not covered by forest. While the coconut plantations of the coast, bridge over river and coastal road also allowed a route for transportation of goods. The Force that landed on Guadalcanal consisted mainly of construction elements Approximately 2,500 laborers – mostly Korean conscripted laborers - of the 11th and 13th Construction Unit along with Japanese soldiers and limited combat support elements including artillery. It is probable that the Japanese did not expect the Allies to attack the Airfield so quickly, as most capable infantry units were concentrated on the securing the British administrative capital at Tulagi and neighboring islands. Between 4 JULY and Aug 7 1942, the time of the American Invasion, the Japanese had successfully constructed *'large semi-permanent camps, finger wharves, bridges, machine shops, two large radio stations, ice plants, two large and permanent power plants, and elaborate air compressor plant for torpedoes"*, mostly in the Kukum coastal area and around the completed Air Strip established at what is now known as 'Henderson Field'. From the map drawn from a US aerial photograph (Above TOP) we can see this general deployment: Piers for landing supplies, main supply area and camp within the coconut plantation near the coast and airfield across the Lunga river to the East. We can also see that Artillery was positioned within the cleared area to the East of the main camp and at points around the Airfield. Supply routes were via the previously constructed road between the landing/supply area and the airfield. It can be assumed that the Japanese prepared some defensive positions, however, it is likely that their focus during this period was on the construction of the airfield and they were not adequately prepared for the US attack. The below US reconnaissance photograph (Aug 1942) highlights the location of anti-aircraft positions and stores IVO Kukum Beach





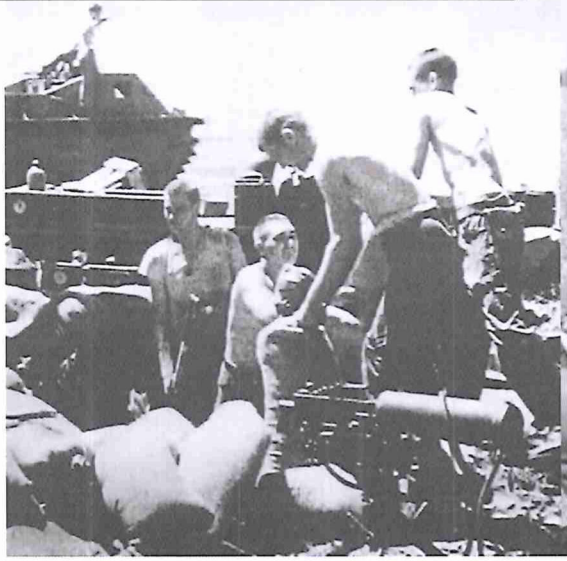
On 7 AUG, a US force landed and secured a beachhead at 'Red Beach' to the East of 'Lunga Point' and Tenaru River. 'Combat Group A' composed of approximately 11 000 soldiers including the 1st and 5th Marine Regiments, divisional artillery, and support units including engineers and support elements. There was no Japanese resistance / presence.

Spearheaded by the 5th Marine Regiment, the Americans Crossed the Lunga River at 1430 on 8 AUG and reached the abandoned 'main encampment' of the Japanese South of Kukum Beach. Japanese Forces, which had been subject to some Naval Bombardment at that location, had abandoned their camps and retreating to the West bank of Matanikao river.



The defense itself would be centered on Henderson field, with the strongest positions of the perimeter placed along the beach proper as a precaution against counter-landings. This sector was organized in two regimental subsectors. Automatic weapons were sighted for water's edge defense. .30 caliber machine guns were set up so that their final protective lines would lie along the actual edge of the beach. The heavier weapons, .50 caliber machine guns and 37mm guns, were so emplaced as to be able to deliver anti-boat fire. Emplacements were dug some distance back of the beach for the half-track 75mm, but the weapons themselves were kept mobile in readiness for movement forward to other prepared positions near the water's edge.

US Marine shoreline defenses: Machine gun and mortar positions and 75mm Half track





PROJECT PERFORMANCE & DELIVERABLES

OVERVIEW OF WORK PROGRESSION

WORK METHOD

The construction approach embraced under this Contract is labour intensive (*use of light portable tools, eg manual scanners, chainsaw, ropes, etc.*) with the support of a select few machineries (*ie. tracked excavator, backhoe loader and tipper truck*). This action may seem duplicitous however it is solely to minimize the vibratory disturbance the Site shall be subjected to since the intent of the Contractor is not to trigger any unplanned blasting incidents on site but rather to remove any and all UXO / AXO items intact for safe & proper disposal.

The search area described in this report was conducted utilizing high performance equipment for both deep and shallow search. A Large Loop Magnetometer in parallel 2 x 1 meters configuration and two (2) Magnex120 in parallel 1 x 1m configuration were used to search and scan the area. All search actions were conducted in accordance to the International Mine Action Standards and SIBAC SOP.

Site Setup

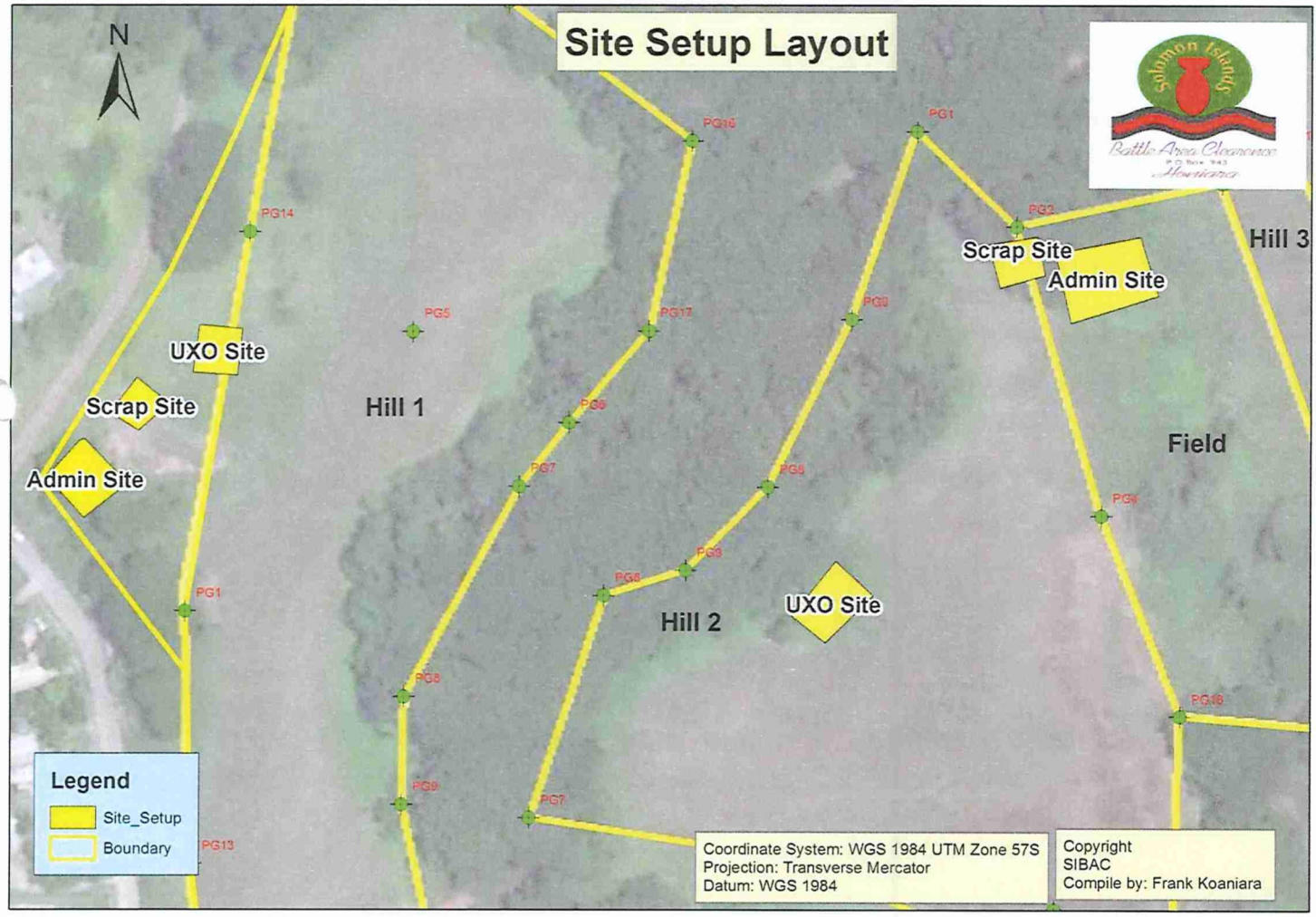
The BAC UXO/AXO SURVEY Work plan setup

Site Setup	• Identify Parking Area • Administration Area • MEDEVAC • UXO Site • Scrap Site
	• Actual UXO/AXO clearance

UXO Work flow Stage

- We do Site Survey
- We do visual Search
- Surface clearance: 0-30cm depth
- Sub-surface clearance: 30cm-6m depth
- vegetation Clearance
- Loop Scanning
- Establishing Targets
- Pin Pointing
- Manual/Excavation Digging

Site Setup Layout



Calibration Items

(1) 1 x US MK II hand grenade was placed at a depth of 30cm

(2) 1 x US 50mm projectile was placed at a depth of 40cm

(3) 1 x US 60mm mortar was placed at a depth of 50cm

(4) 1 x US 75mm projectile was placed at a depth of 70cm

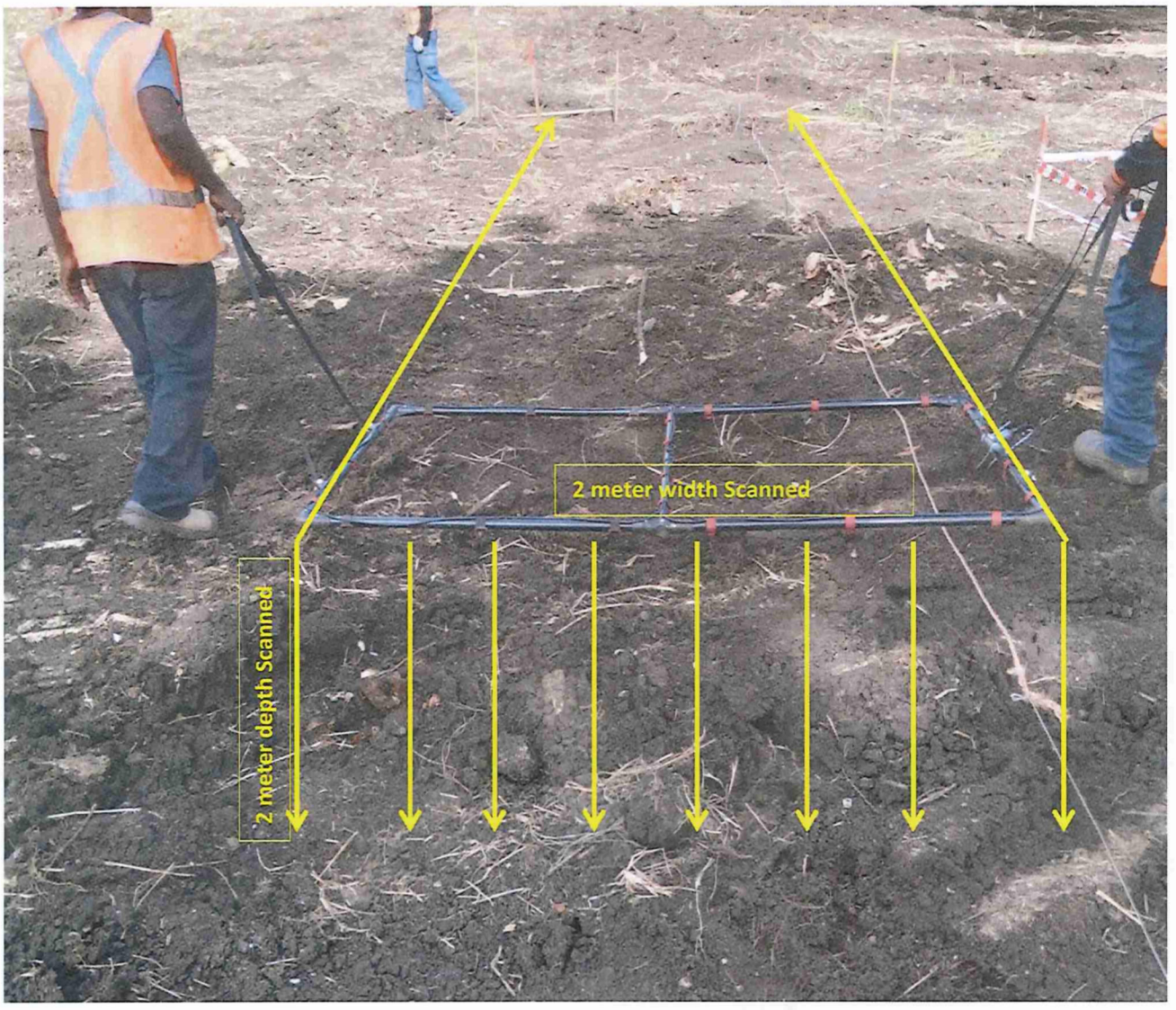
(5) 1 x US 90mm projectile was placed at a depth of 1 meter

The above items were used to calibrate the two deep search magnetometers at the given depths, and are very effective and efficient. (1) Large Loop magnetometer was calibrated at the following settings – LIN – 200, THRESHOLD of 40cm from the depths of the item, whiles the Magnex 120, was set at MOD 2 sensitivity for shallow targets and MOD 3 for deep targets

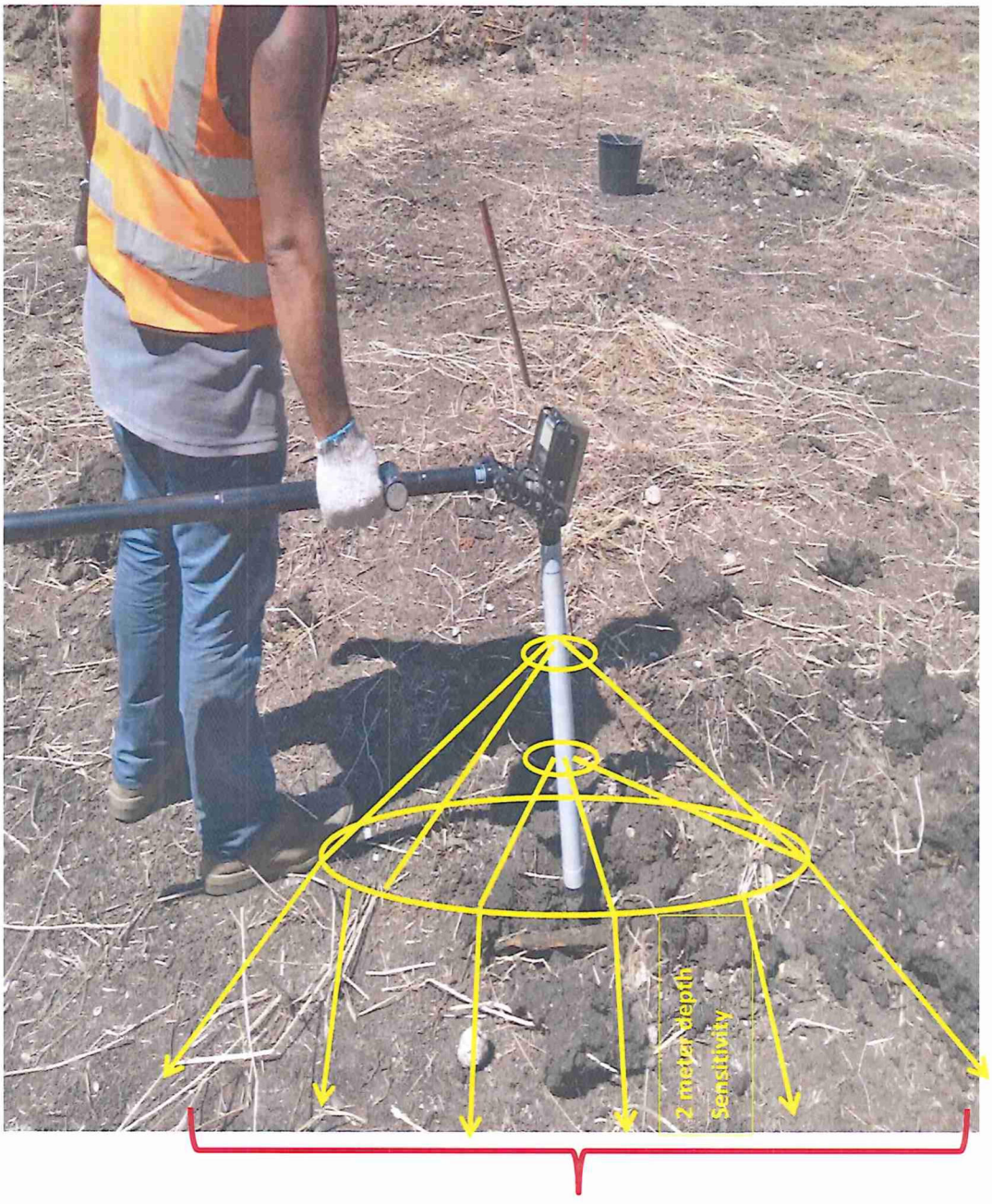
Specialized Scanning Equipment and Portable Tools Used

2 x GPS; 1 x Magnex120; 1 x Large-Loop; 1 x Laptop; 2 x Axes; 5 x Bush-, 8 x spades , 8 crowbar, knives; 5 x Coils of
Rope;

Loop Scanning method

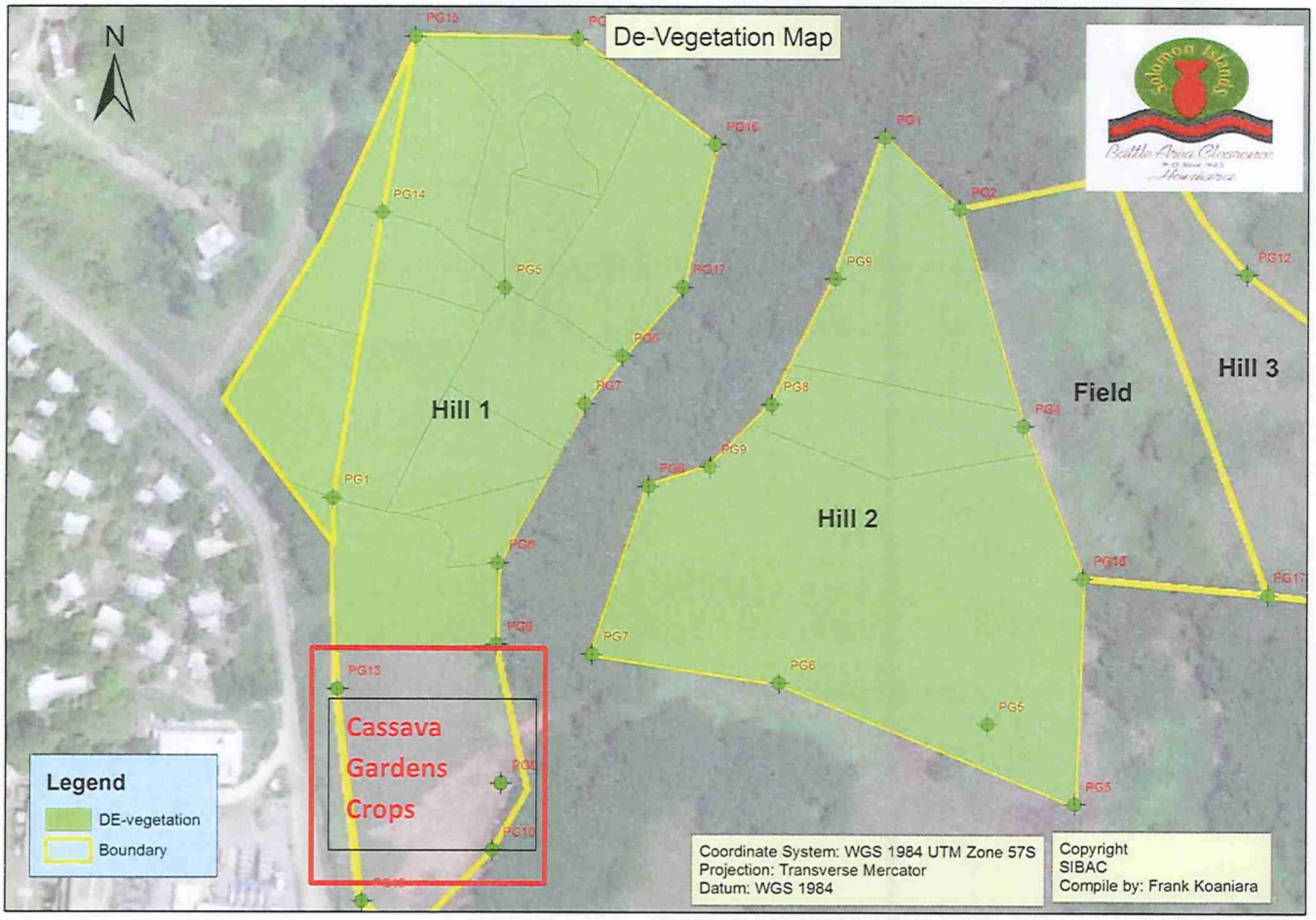


Magnex Pin Point method



2meter diameter Sensitivity

De-Vegetation Clearance

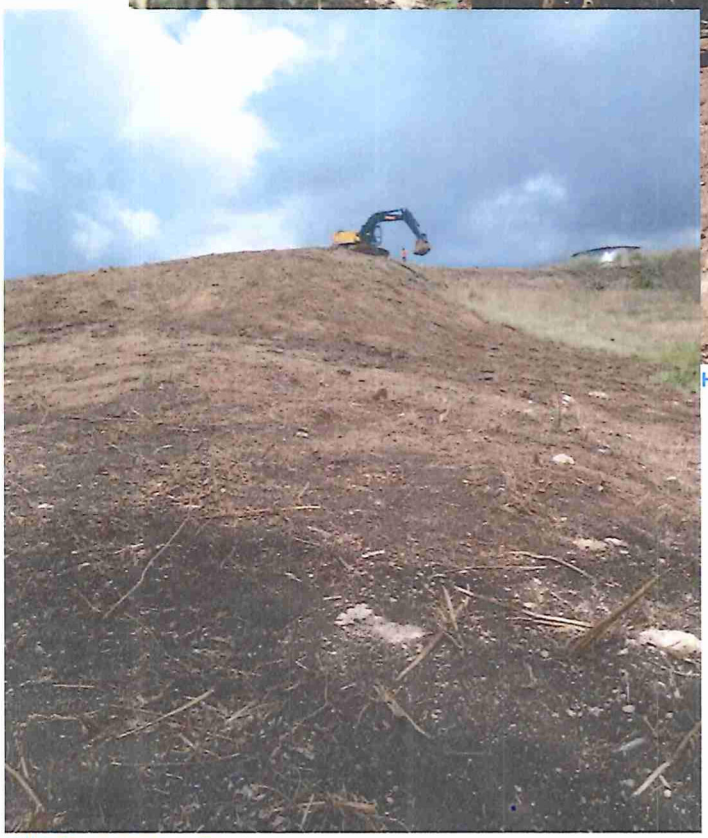


De-vegetation Clearance Hill 1 and Hill 2 Map



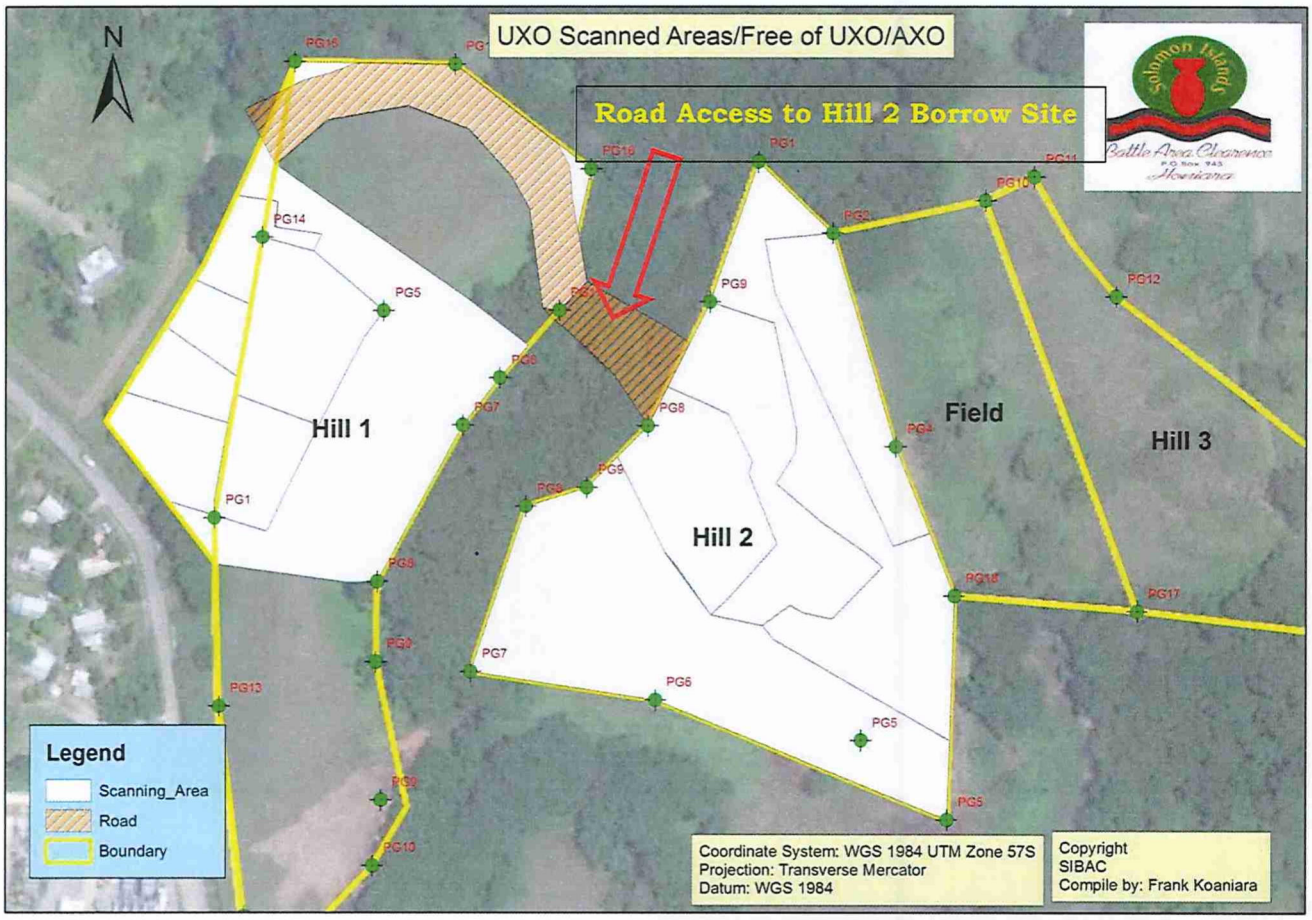


Hill 1 De-vegetation Clearance



Hill 2 De-vegetation Clearance

UXO Scanned Area

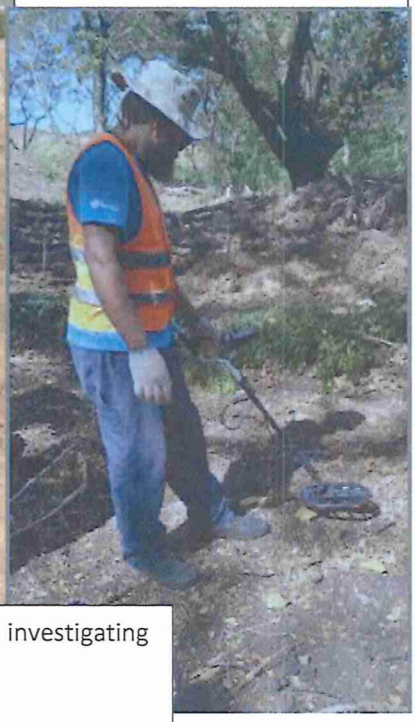


The above Map show the UXO/AXO Survey Scanning Was done, Hill 2 was total UXO Free, after the QC Team has to the Final Checks. Hill 1 is still need for internal QC before any Final QC work.

The Road Access was scanned and check by QC team and is free of UXO/AXO

- Loop Scanning
- Pin Pointing

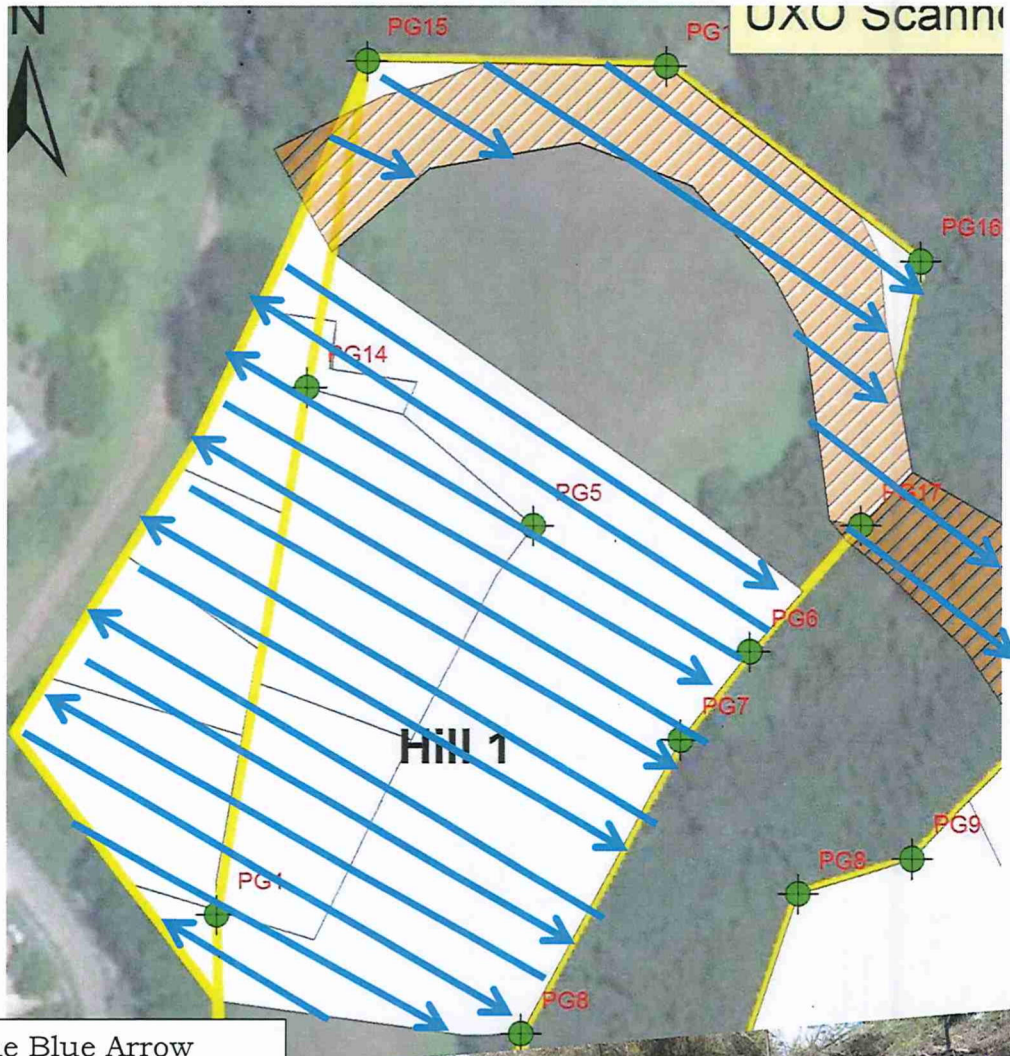




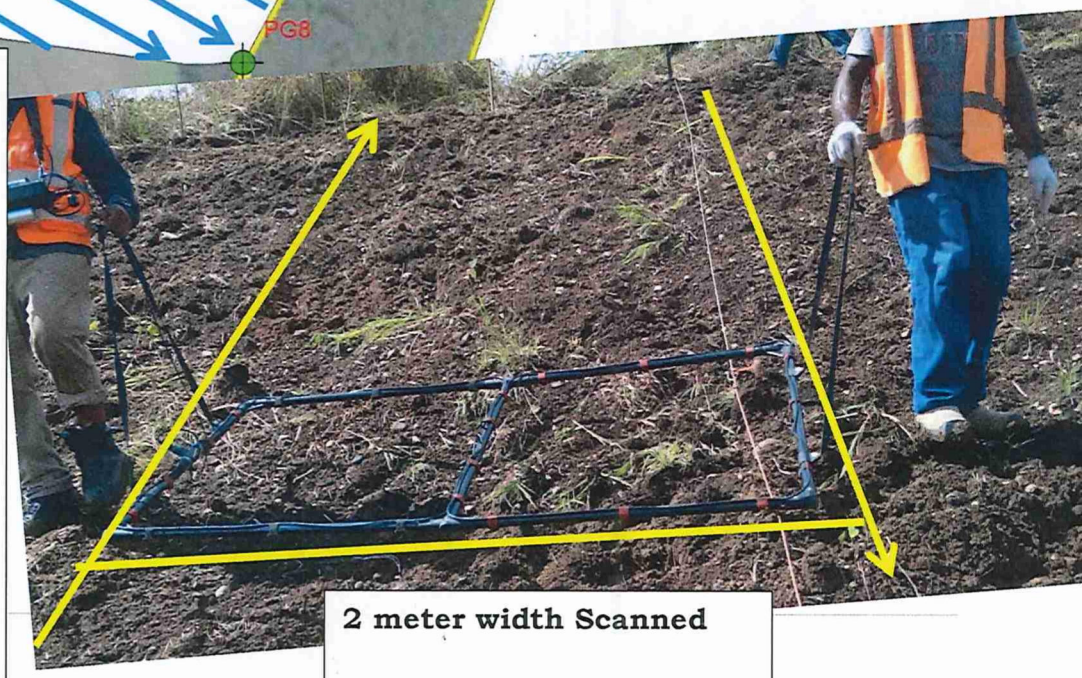
Loop Scanning on the 45 degree Slop Hill, investigating the slope hill for ERW



BAC Scanning Ordering Hill 1

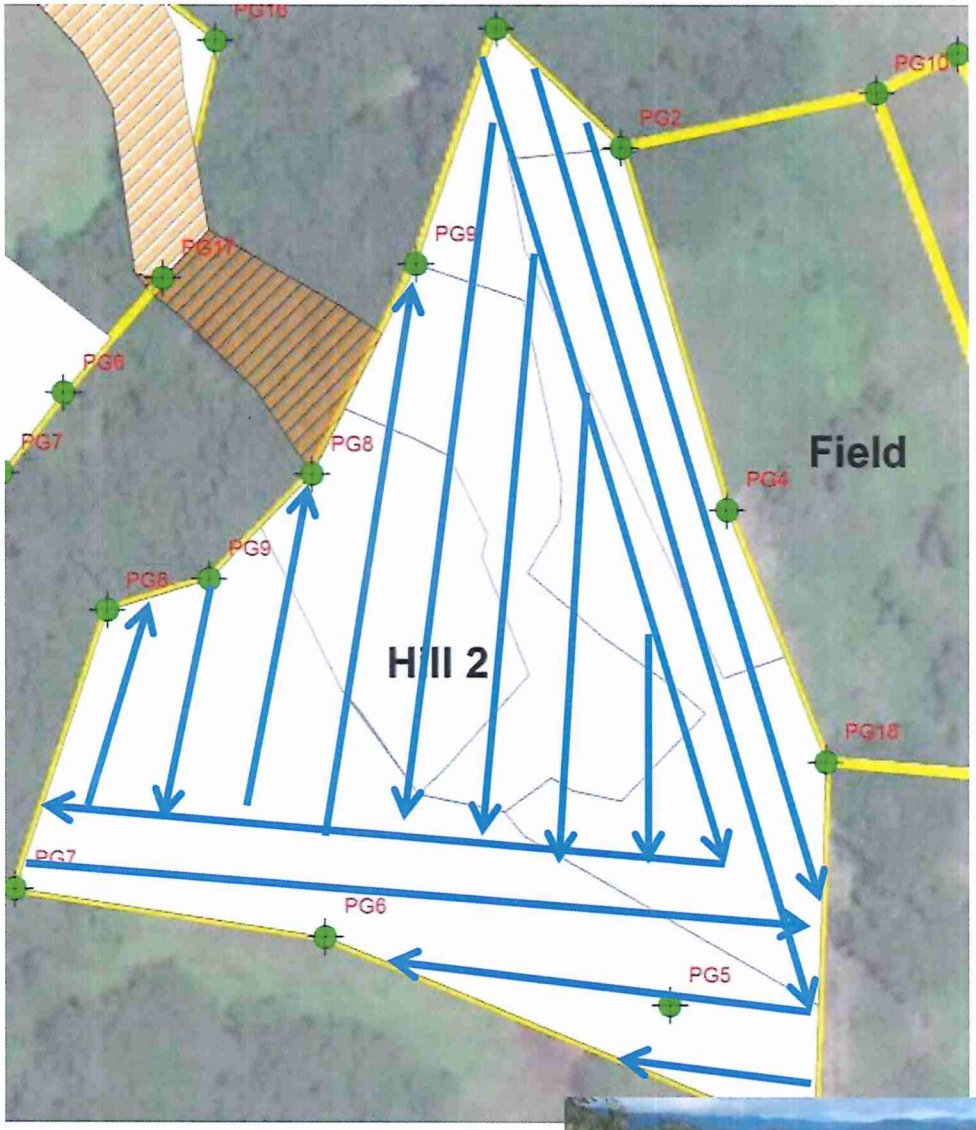


The Blue Arrow indicates the Loop Scanning parallels to each other width of 2 meter, according to Loop 2 meter width scanned arrange, up the elevation of 20 meter, on the slope of 35 degree

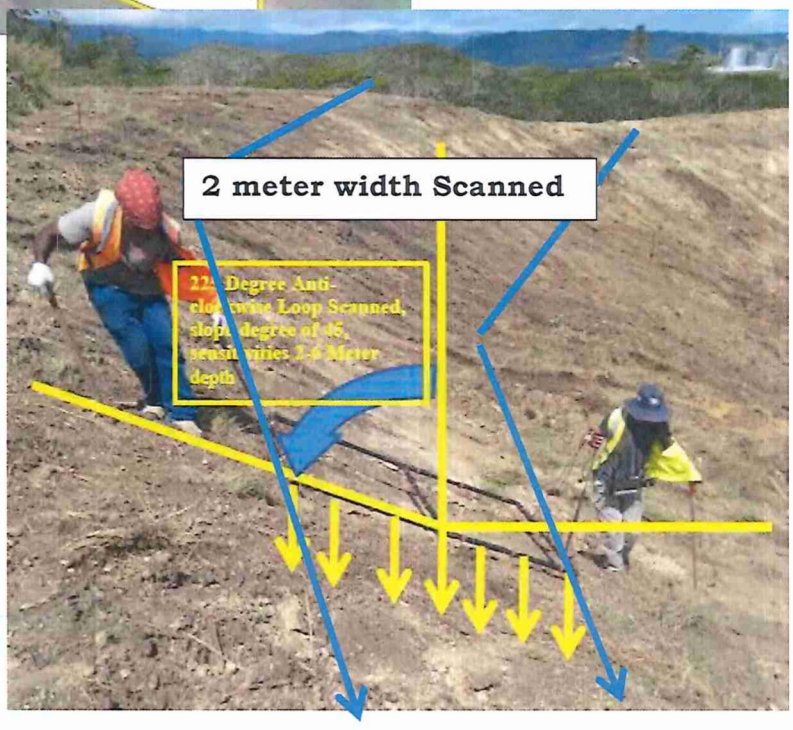


2 meter width Scanned

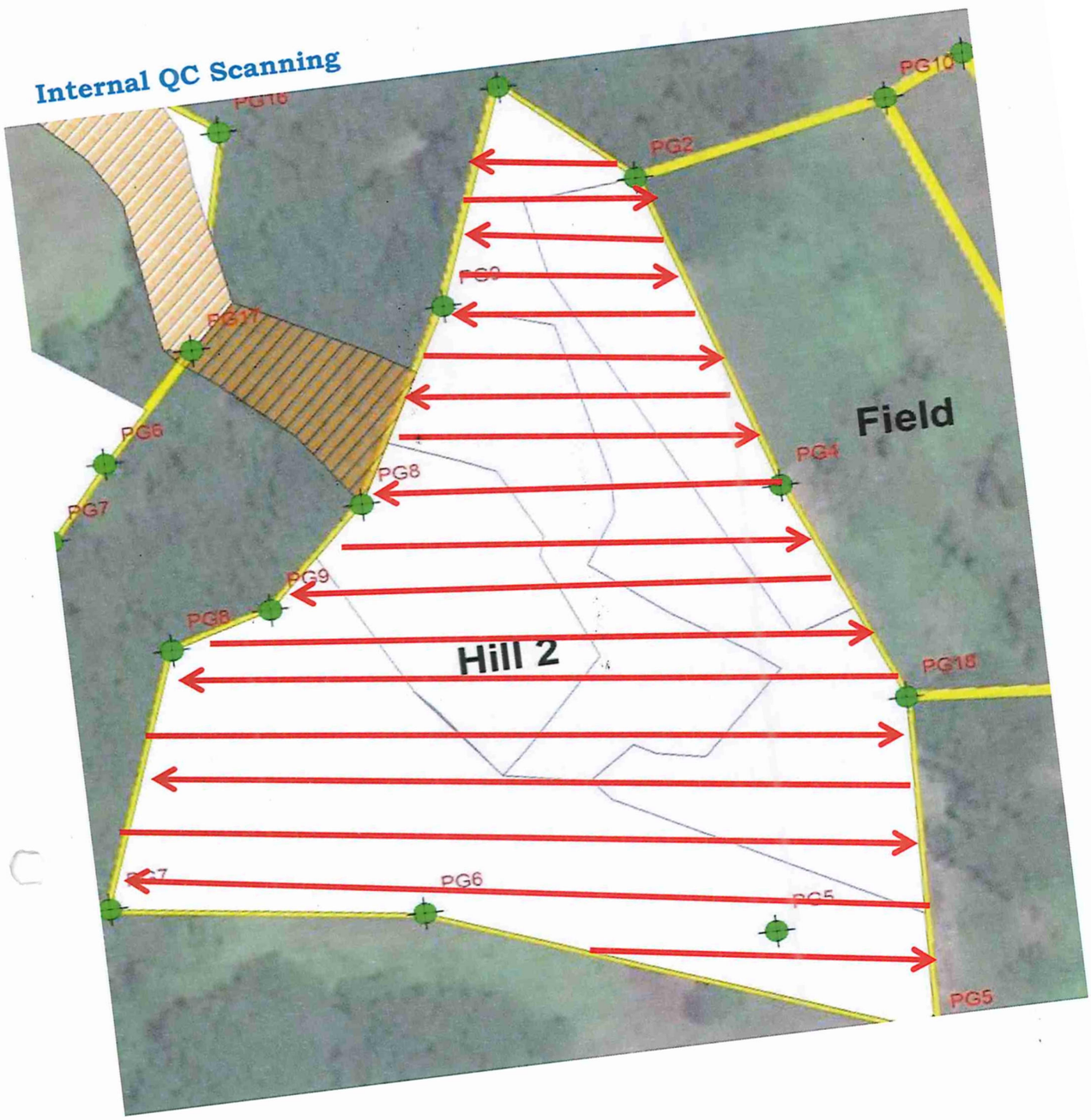
BAC Scanning Ordering Hill 2



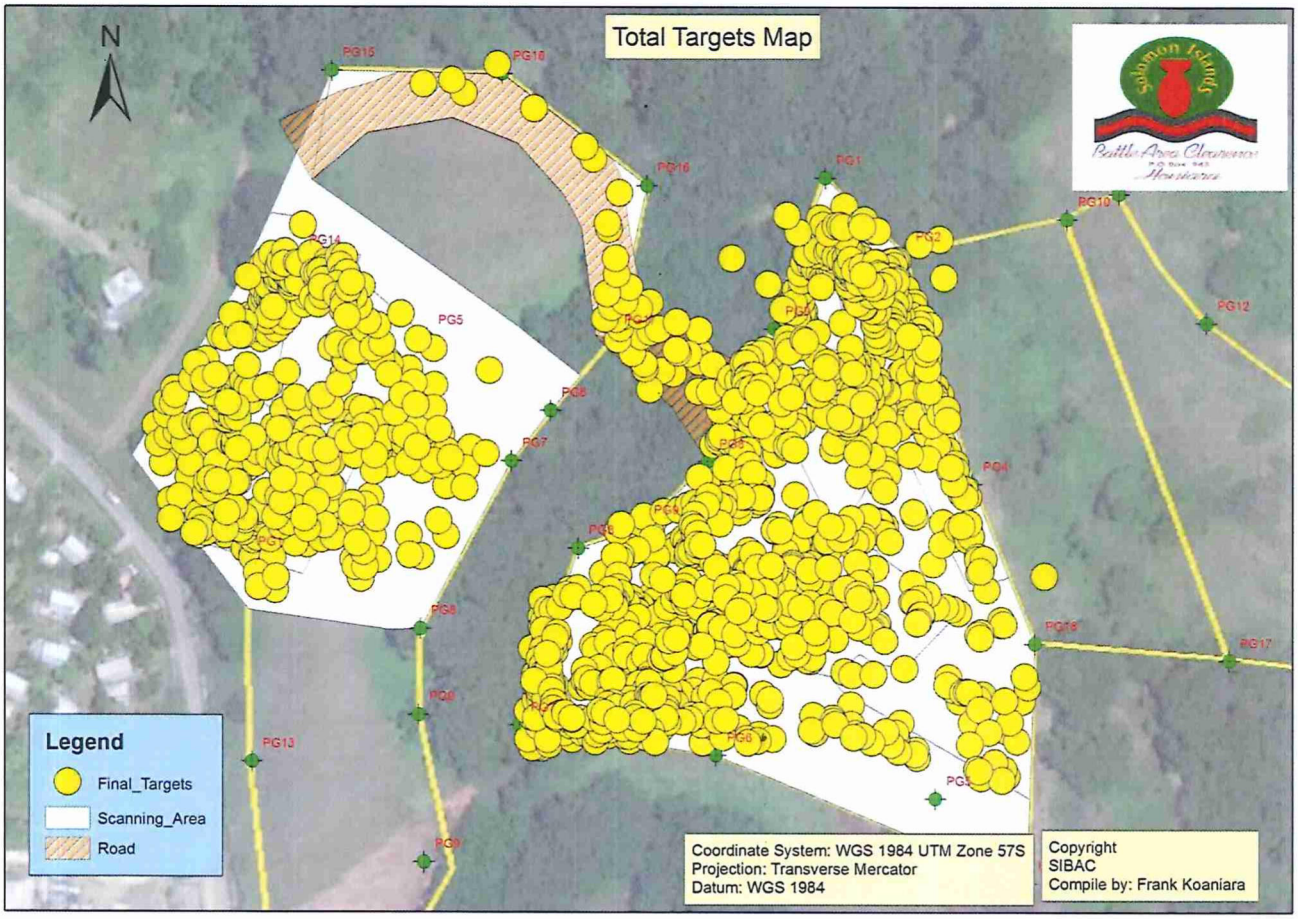
The Blue Arrow indicates the Loop Scanning angles to each other width of 2 meter, according to Loop 2 meter width scanned arrange, up the elevation of 20 meter, on the slope of 45 degree



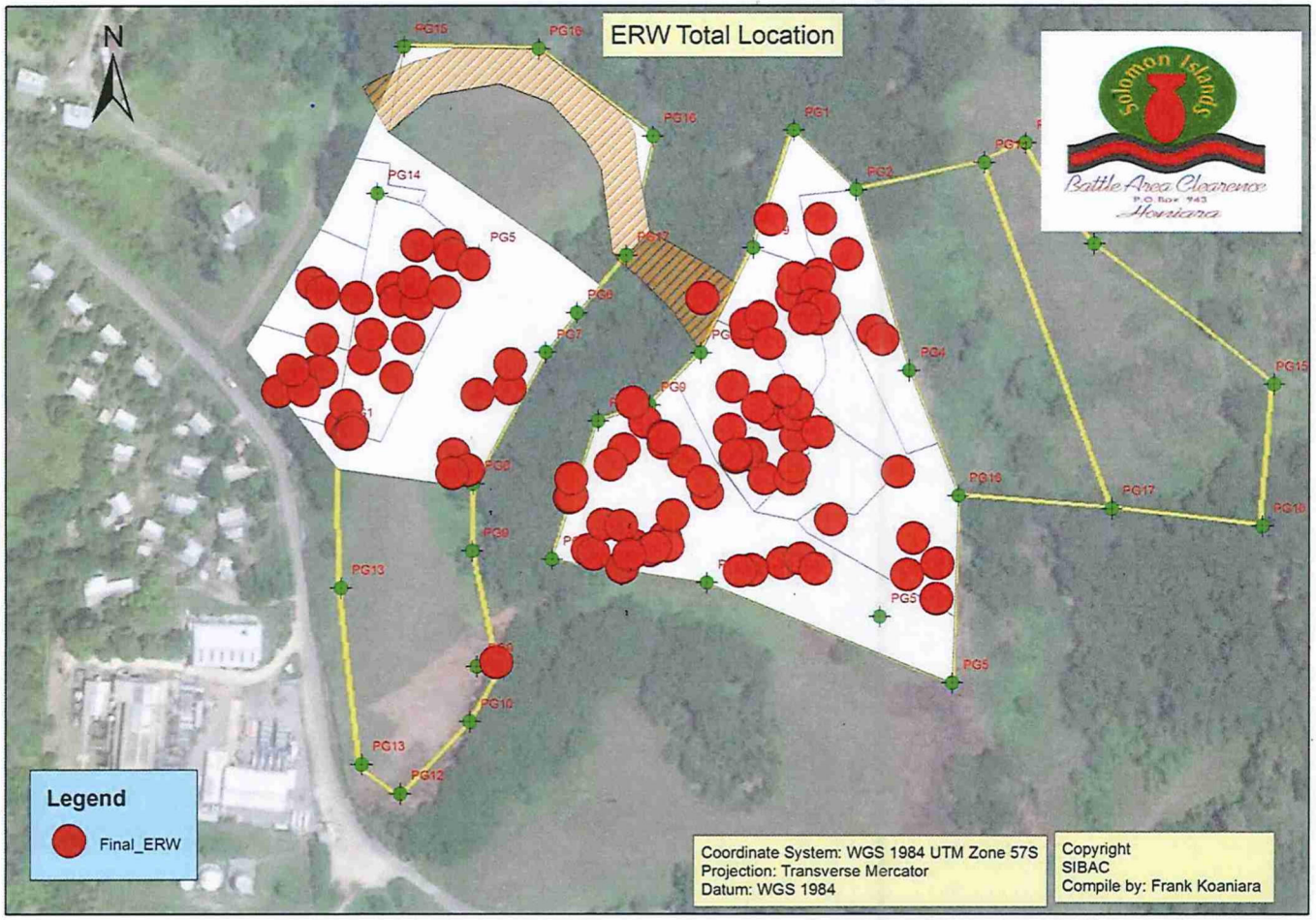
Internal QC Scanning



Total Targets investigated Map



Total ERW found Locations



Total ERW Locations:105

Total ERW Found: 1241

Total Projectiles: 37

Total Mortar: 45

Total Grenade: 5

Other ERW: 1153

ERW Items Found

Total ERW found at Hill 2 was identify by IMAS L3 Reinhard Alalo and ready for EOD hell Point Team for Collection and safe remove for disposal by EOD Experts

- 44 x US 60mm Mortar M49A2 - HE
- 5 x US Hand Grenade Mk2 - HE
- 12 x US 90mm Projectile M71 HE and 1x AP
- 5x US 105mm Projectile M1 HE
- 3xUS 37mm Projectile M54 HE
- 28 x US TSQ FUSE
- 10 x PD FUSE
- 151 x US 9mm Bullets





ERW Found at Hill 2





90mm Projectile and 81mm Mortar

ERW Found at Hill 1







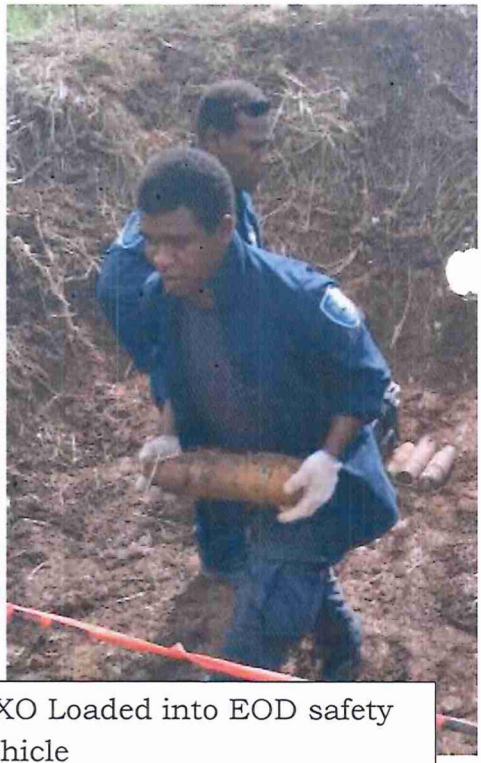
941 x 303, 5.56mm Bullets

EOD Team

EOD Team Transport UXO/AXO to Safe place for Disposal

EOD Team UXO collection





UXO Loaded into EOD safety vehicle



Final NEQ record information of ERW Projectiles Found at Betikama

UXO NEQ information

- **Total NEQ ERW: 86**
- **Total NEQ(kg): 61.74**
- **Total NEQ(lbs): 136.00**
- **Total NEQ(US Ton): 0.07**

Heavy Equipment Used

3 x Hired Excavator

On-Site Personnel;

SIBAC Personnel:

1 x IMAS 3 Supervisor; 2 x IMAS 3 Operators; 1 x GIS Technician/IMSMA/IM; 20 x Assistant Operators(experience only); 1 x Logistic Officer; 1 x Cook;

TRGC Personnel:

1 x Heavy Plant Operator; 2 x Spotters;

Information Management Platform

- Information Management System for Mine Action (IMSMA)
- ArcGIS for Survey Mapping
- Quantum GIS (QS) inter-Data change

SAFETY MANAGEMENT PRACTICE

Though not explicitly stated in the Contractor's Obligation under the Contract Agreement, nor is it a specific Pay Item, Safety practice was strictly adhered to at all times during working times, be it day or night.

For instance;

- The work area was well cordoned-off from the public using hazard tapes, ensuring that the public was fully aware that hazardous work activity was taking place within the cordoned areas;
- A clear communication channel existed between the Contractor andthe OIC of the RSIP's EOD at all times;
- All personnel were properly attired in proper safety PPE;
- A mechanically sound vehicle was onsite at all times during the entire duration of the work;

ENVIRONMENTAL MANAGEMENT PRACTICE

In consonance with good work practice and a little bit of common sense, environmental friendly work methods were strictly adhered to at all times during working times, be it day or night. It must be noted that an inherent attribute to all field operation activities is that trees shall be cut down; the soil shall be disturbed; there shall be noise & dust and so on and so forth. Such disturbance to the natural and built environment is just unavoidable.

What is of importance is that during all field operation, all effort within physical & financial means is taken to minimize the impact/effect of all field operational activities on its surroundings, be it natural and/or man-made.

CONCLUSION

- The UXO Clearance was done
- All the UXO/AXO was identify and Removed by our Level 3 IMAS Personal.
- The **identification and reporting** of Explosive Munitions [UXO/AXO] from triggered occurrences to RSIP EOD for proper transfer & subsequent disposal;
- Issuance of a **UXO Clearance Certificate** deeming the Site as "Safe" for intended purpose only.

The above listed have been done in accordance with the Contract's Scope of Works.

APPENDIX A – Betikama ERW DATA SHEET

DATA SHEET OF ERW Ammunition NEQ Record



SIBAC Ammunition NEQ Record

E	N	Origin	ERW	NEQ (grams)	QTY	Total NEQ	Details	RSIPF
612998	8957027	USA	90mm Proectile M71 - HE		1		UXO AN-MK 219	✓
612844	8957030	USA	90mm Proectile M71 - HE		1		UXO AN-MK 219	✓
61866	8957057	USA	90mm Proectile M71 - HE		1		UXO AN-MK 219	✓
612844	8957032	USA	90mm Proectile M71 - HE		2		UXO AN-MK 219	✓
612841	8957043	USA	105mm Projectile M1 - HE		1		AXO Fuzed	✓
612808	8957050	USA	105mm Projectile M1 - HE		1		AXO Fuzed	✓
612876	8957123	USA	105mm Projectile M1		1		AXO Fuzed	✓

			- HE					
612891	8957123	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
612904	8957113	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
612875	8957104	USA	81mm Mortar M43A1 - HE		1		AXO Fuzed	✓
612890	8957100	USA	37mm Projectile M54 - APC		1		AXO Fuzed	✓
612912	8957044	USA	105mm Projectile M1 - HE		1		AXO Fuzed	✓
612894	8957010	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
612901	8957011	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
612827	8957060	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
612830	8957100	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
612906	8957049	USA	37mm Projectile M54 - APC		1		AXO Fuzed	✓
613106	8957076	USA	60mm Mortar M49A2 - HE		44		AXO Fuzed	✓
613106	8957081	USA	Hand Grenade Mk2 - HE		3		AXO Fuzed	✓
613088	8957118	USA	20mm Projectile Mk 1 - HE		1		AXO Fuzed	✓
613051	8957135	USA	105mm Projectile M1 - HE		1		AXO Fuzed	✓
613075	8957108	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613074	8957087	USA	90mm Proectile M71 -		1		AXO Fuzed	✓

			HE					
613074	8957039	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613064	8957044	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613058	8957049	USA	105mm Projectile M1 - HE		1		AXO Fuzed	✓
613050	8957074	USA	105mm Projectile M1 - HE		1		AXO Fuzed	✓
613058	8957049	USA	105mm Projectile M1 - HE		1		AXO Fuzed	✓
613075	8957108	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613074	8957087	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613074	8957030	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613058	8957051	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613039	8957080	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613056	8957064	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613063	8957013	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
612989	8957035	USA	Hand Grenade Mk2 - HE		1		AXO Fuzed	✓
612977	8956963	USA	Hand Grenade Mk2 - HE		1		AXO Fuzed	✓
612961	8956971	USA	37mm Projectile - HE M63		1		AXO Fuzed	✓
613066	8956967	USA	37mm Projectile - HE		1		AXO Fuzed	✓

			M63					
613036	8956961	USA	37mm Projectile - HE M63		1		AXO Fuzed	✓
613057	8956965	USA	105mm Projectile M1 - HE		1		AXO Fuzed	✓
			Total Items	**86**				
			Total NEQ (kg)	**61.74**				
			Total NEQ (lbs)	**136.00**				
			Total NEQ (US ton)	**0.07**				

DATA SHEET OF all ERW Ammunition

CODE_ID	Model	Quantity	Country	Category	Comment	Date_Found	Easting	Northing
BTK1	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/22/2021	612894	8957019
BTK2	FD FUZE	1	US	FUZE	Removed	7/8/2021	612839	8957034
BTK3	105mm Projectile M1 - HE	1	US	Projectile	Removed	8/22/2021	613057	8956965
BTK4	37mm Projectile - HE M63	1	US	Projectile	Removed	8/22/2021	613066	8956967
BTK5	90mm CASING	1	US	Projectile	Removed	8/22/2021	613073	8956962
BTK6	FUZE M54 TSQ	1	US	FUZE	Removed	8/22/2021	613042	8956962
BTK7	37mm Projectile - HE M63	1	US	Projectile	Removed	8/22/2021	613036	8956961
BTK8	PD FUZE	1	US	FUZE	Removed	8/20/2021	612983	8956974
BTK9	PD FUZE	1	US	FUZE	Removed	8/20/2021	612999	8956978
BTK10	PD FUZE	1	US	FUZE	Removed	8/20/2021	613000	8956973
BTK11	.762 Cart	1	US	SAA	Removed	8/20/2021	612991	8956971
BTK12	PD FUZE	1	US	FUZE	Removed	8/20/2021	612994	8956973
BTK13	Hand Grenade Mk2 - HE	1	US	Grenade	Removed	8/20/2021	612977	8956963
BTK14	FUZE	1	US	FUZE	Removed	8/20/2021	612952	8956997
BTK15	PD FUZE	1	US	FUZE	Removed	8/20/2021	612952	8956998
BTK16	PD FUZE	1	US	FUZE	Removed	8/20/2021	612952	8957007
BTK17	37mm Projectile - HE M63	1	US	Projectile	Removed	8/20/2021	612961	8956971
BTK18	PD FUZE	1	US	FUZE	Removed	8/20/2021	612963	8956970

BTK19	9MM CUT BALL	151	US	SAA	Removed	8/20/2021	613081	8956987
BTK20	Hand Grenade Mk2 - HE	1	US	Grenade	Removed	8/19/2021	612989	8957035
BTK21	PD FUZE	1	US	FUZE	Removed	8/19/2021	613031	8957031
BTK22	PD FUZE	1	US	FUZE	Removed	8/19/2021	613002	8956989
BTK23	PD FUZE	1	US	FUZE	Removed	8/19/2021	612978	8957021
BTK24	PD FUZE	1	US	FUZE	Removed	8/19/2021	612982	8957045
BTK25	PD FUZE	1	US	FUZE	Removed	8/19/2021	612968	8956984
BTK26	PD FUZE	1	US	FUZE	Removed	8/19/2021	612977	8956984
BTK27	PD FUZE	1	US	FUZE	Removed	8/19/2021	612972	8957014
BTK28	PD FUZE	1	US	FUZE	Removed	8/19/2021	612981	8956969
BTK29	50 CAL	1	US	SAA	Removed	8/18/2021	613118	8956959
BTK30	PD FUZE	1	US	FUZE	Removed	8/18/2021	613008	8957016
BTK31	PD FUZE	1	US	FUZE	Removed	8/18/2021	613020	8957000
BTK32	PD FUZE	1	US	FUZE	Removed	8/18/2021	613017	8957006
BTK33	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/12/2021	613039	8957080
BTK34	PD FUZE	1	US	FUZE	Removed	8/13/2021	613032	8957053
BTK35	PD FUZE	1	US	FUZE	Removed	8/13/2021	613039	8957084
BTK36	.762 Cart	1	US	SAA	Removed	8/13/2021	613017	8957097
BTK37	50 CAL	1	US	Projectile	Removed	8/13/2021	613052	8957039
BTK38	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/13/2021	613056	8957046
BTK39	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/13/2021	613063	8957028

BTK40	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/13/2021	613063	8957039
BTK41	PD FUZE	1	US	FUZE	Removed	8/13/2021	613041	8957019
BTK42	105mm Projectile M1 - HE	1	US	Projectile	Removed	8/13/2021	613048	8957007
BTK43	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/13/2021	613061	8957007
BTK44	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/13/2021	613063	8957013
BTK45	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/13/2021	613039	8957019
BTK46	50 CAL	1	US	SAA	Removed	8/13/2021	613034	8957018
BTK47	PD FUZE	1	US	FUZE	Removed	8/13/2021	613034	8957019
BTK48	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/13/2021	613044	8957043
BTK49	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/10/2021	613075	8957108
BTK50	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/11/2021	613074	8957087
BTK51	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/11/2021	613074	8957030
BTK52	105mm Projectile M1 - HE	1	US	Projectile	Removed	8/11/2021	613058	8957049
BTK53	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/11/2021	613064	8957044
BTK54	50 CAL	1	US	SAA	Removed	8/11/2021	613046	8957087
BTK55	PD FUZE	1	US	FUZE	Removed	8/11/2021	613061	8957098
BTK56	PD FUZE	1	US	FUZE	Removed	8/11/2021	613062	8957106
BTK57	PD FUZE	1	US	FUZE	Removed	8/11/2021	613073	8957104
BTK58	PD FUZE	1	US	FUZE	Removed	8/11/2021	613072	8957093
BTK59	PD FUZE	1	US	FUZE	Removed	8/11/2021	613077	8957092
BTK60	PD FUZE	1	US	FUZE	Removed	8/11/2021	613068	8957087

BTK61	105mm Projectile M1 - HE	1	US	Projectile	Removed	8/11/2021	613050	8957074
BTK62	PD FUZE	1	US	FUZE	Removed	8/10/2021	613133	8956965
BTK63	.762 Cart	1	US	SAA	Removed	8/10/2021	613133	8956947
BTK64	PD FUZE	1	US	FUZE	Removed	8/10/2021	613121	8956977
BTK65	PD FUZE	1	US	FUZE	Removed	8/9/2021	613075	8957136
BTK66	20mm Projectile Mk 1 - HE	1	US	Projectile	Removed	8/9/2021	613088	8957118
BTK67	Hand Grenade Mk2 - HE	1	US	Grenade	Removed	8/9/2021	613102	8957081
BTK68	60mm Mortar M49A2 - HE	44	US	Mortar	Removed	8/9/2021	613106	8957076
BTK69	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/27/2021	613058	8957051
BTK70	PD FUZE	1	US	FUZE	Removed	8/10/2021	613133	8956965
BTK71	.762 Cart	1	US	SAA	Removed	8/10/2021	613133	8956947
BTK72	PD FUZE	1	US	FUZE	Removed	8/10/2021	613114	8957011
BTK73	PD FUZE	1	US	FUZE	Removed	8/10/2021	613121	8956977
BTK74	105mm Projectile M1 - HE	1	US	Projectile	Removed	8/10/2021	613051	8957135
BTK75	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/11/2021	612827	8957060
BTK76	FUZE	1	US	FUZE	Removed	7/12/2021	612829	8957076
BTK77	.762 Cart	1	US	SAA	Removed	7/12/2021	612825	8957104
BTK78	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/12/2021	612830	8957100
BTK79	FUZE	1	US	FUZE	Removed	7/12/2021	612846	8957097
BTK80	37mm Projectile M54 - APC	1	US	Projectile	Removed	7/12/2021	612906	8957049
BTK81	PD FUZE	1	US	FUZE	Removed	7/12/2021	612922	8957052

BTK82	PD FUZE	1	US	FUZE	Removed	7/12/2021	612922	8957064
BTK83	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/12/2021	612901	8957011
BTK84	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/12/2021	612894	8957010
BTK85	.762 Cart	4	US	SAA	Removed	7/12/2021	612864	8957102
BTK86	105mm Projectile M1 - HE	1	US	Projectile	Removed	7/7/2021	612808	8957050
BTK87	PD FUZE	1	US	FUZE	Removed	7/7/2021	612872	8957077
BTK88	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/8/2021	612891	8957123
BTK89	303. 5.56mm Bullets	941	US	SAA	Removed	7/8/2021	612866	8957095
BTK90	105mm Projectile M1 - HE	1	US	Projectile	Removed	7/8/2021	612876	8957123
BTK91	PD FUZE	1	US	FUZE	Removed	7/8/2021	612876	8957094
BTK92	81mm Mortar M43A1 - HE	1	US	Mortar	Removed	7/8/2021	612875	8957104
BTK93	37mm Projectile M54 - APC	1	US	Projectile	Removed	7/8/2021	612890	8957100
BTK94	PD FUZE	1	US	FUZE	Removed	7/8/2021	612893	8957118
BTK95	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/8/2021	612904	8957113
BTK96	105mm Projectile M1 - HE	1	US	Projectile	Removed	7/7/2021	612841	8957043
BTK97	PD FUZE	1	US	FUZE	Removed	7/7/2021	612842	8957029
BTK98	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/7/2021	612866	8957057
BTK99	PD FUZE	1	US	FUZE	Removed	7/7/2021	612850	8957066
BTK100	9MM CUT BALL	1	US	SAA	Removed	7/7/2021	612854	8957079
BTK101	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/7/2021	612844	8957032
BTK102	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/6/2021	612998	8957027

BTK103	PD FUZE	1	US	FUZE	Removed	7/6/2021	612915	8956916
BTK104	PD FUZE	1	US	FUZE	Removed	7/6/2021	612829	8957060
BTK105	90mm Projectile M71 - HE	1	US	Projectile	Removed	7/6/2021	612844	8957030

Report Approved by: Reinhard Alalo

(SIBAC, Director)

Report Submitted by: Frank Konairara Tabai

(SIBAC, Information Manager-IM)

Minute

To: FC

From: PC

Date: 10/09/21

Location: Sea King Building

FC,

Find attached the completion report and invoice for UXO works at Betikama borrow site. Note that this is for the final 50% of the works less a ten percent retention that will be withheld for 3 months to ensure proper clearance and disposal off UXO on site.

For now, please facilitate payment accordingly.

Sincerely

PC

Okay to pay as discussed.

16/9/2021

PACIFIC GAMES
SOLOMON ISLANDS

CONTRACT OF ENGAGEMENT

Contract #: GTB 04/21

THIS CONTRACT ("Contract") is entered into this 6th day of July 2021, by and between the National Hosting Authority ("the Client") having its principal place of business at **Sea King Building, MID Works Drive**, and **Solomon Islands Battle Area Clearance (SIBAC)** ("the Contractor") having its principal office located at **Naha 2, East Honiara**

WHEREAS, the Client wishes to have the Contractor perform the services hereinafter referred to, and

WHEREAS, the Contractor is willing to perform these services,

NOW THEREFORE THE PARTIES hereby agree as follows:

1. Services

(i) The Contractor shall perform the services specified in Annex A, "Terms of Reference and Scope of Services," which is made an integral part of this Contract ("the Services").

(ii) The Contractor shall provide the personnel listed in Annex B, "Contractor's Personnel," to perform the Services.

(iii) The Contractor shall submit to the Client the reports in the form and within the time periods specified in Annex C, "Contractor's Reporting Obligations."

2. Term

The Contractor shall perform the Services during the period commencing 6th July 2021 and continuing through 31st July 2021, or any other period as may be subsequently agreed by the parties in writing.

3. Payment

A. Ceiling

For Services rendered pursuant to Annex A, the Client shall pay the Contractor an amount not to exceed **~~$1,177,416.00~~ SBD**. This amount has been established based on the understanding that it includes all of the Contractors costs and profits as well as any tax obligation that may be imposed on the Contractor.

B. Schedule of Payments

The schedule of payments is specified below:

- 50% shall be paid upon signing on of contract.
- 50% shall be paid upon receipt of a final report along with certification that the site are UXO free.

C. Payment Conditions

Payment shall be made in Solomon Islands Bokolo Dollars, no later than 15 days following submission by the Consultant of invoices in duplicate, to the Coordinator designated in paragraph 4

D. Tax Liability

The parties agree that unless the Contractor furnishes a legal exemption order for withholding taxes, then the Contractor agrees that the fees shown are gross amounts. NHA shall deduct such withholding tax as required by the Solomon Islands law, from the payment owning to the Contractor, and shall remit the tax amount directly to the Government authorities, and provide such proof of remittance to the Contractor on a timely basis, and at the end of the fiscal year, provide a summary of all taxes paid.

4. Project Administration

A. Coordinator.

The Client designates Executive Director- PMU as Client's Coordinator; the Coordinator will be responsible for the coordination of activities under this Contract, for acceptance and approval of the reports and of other deliverables by the Client and for receiving and approving invoices for the payment.

B. Reports.

The reports listed in Annex C, "Contractor's Reporting Obligations," shall be submitted in the course of the assignment, and will constitute the basis for the payments to be made under paragraph 3.

5. Performance Standards

The Contractor undertakes to perform the Services with the highest standards of professional and ethical competence and integrity. The Contractor shall promptly replace any employees assigned under this Contract that the Client considers unsatisfactory. If the Contractor after written notice is still considered not performing in accordance with Clause 1 "Services", the Client may terminate the contract by written notice.

6. Confidentiality

The Contractor shall not, during the term of this Contract and within two years after its expiration, disclose any proprietary or confidential information relating to the Services, this Contract or the Client's business or operations without the prior written consent of the Client.

7. Ownership of Material

Any studies reports or other material, graphic, software or otherwise, prepared by the Consultant for the Client under the Contract shall belong to and remain the property of the Client. The Contractor may retain a copy of such documents and software.

8. Contractor not to be engaged in Certain Activities

The Contractor agrees that, during the term of this Contract and after its termination, the Contractor and any entity affiliated with the Contractor, shall be disqualified from providing goods, works or services (other than the Services and any continuation thereof) for any project resulting from or closely related to the Services.

9. Insurance

The Contractor will be responsible for taking out any appropriate insurance coverage, including the liability of the Contractor.

10. Assignment

The Contractor shall not assign this Contract or sub-contract any portion of it without the Client's prior written consent.

11. Law Governing Contract and Language

The Contract shall be governed by the laws of The Solomon Islands and the language of the Contract shall be English.

12. Dispute Resolution

Any dispute arising out of the Contract, which cannot be amicably settled between the parties, shall be referred to adjudication/arbitration in accordance with the laws of the **Solomon Islands.**

FOR THE CLIENT

Signed by _____

Title: ED

Date: 23/7/21

FOR THE CONTRACTOR

Signed by _____

Title: DIRECTOR

Date: 6/7/2021

WITNESS

Signed by _____

Title: ED.

Date: 28/7/21

SOLOMON ISLANDS BATTLE AREA CLEARANCE
Date: 6/7/21
Sign:

List of Annexes

Appendix A – Scope of the Services

1.0.0: Background

Solomon Islands is preparing to host the 2023 Pacific Games in Honiara and the National Hosting Authority (NHA) is preparing sites to prepare sporting facilities within Honiara. The construction of the main stadium has commenced by CCECC. A requirement of the construction process is to dispose the top soil of the site and backfilled using gravel. SDA Church Management has approved certain plots within the Betikama Camp Ground Site boundary for CCECC to collect these gravels. However, before excavation starts, a UXO survey needs to be carried out on the plots to ensure the areas are UXO free.

The NHA therefore calls on registered companies and firms to submit quotations for the works described herein.

2.0.0: Objectives

The NHA invites companies and/or contractors to provide the following:

1. Provide quotations for UXO of Betikama borrow site.

3.0.0: Project Information

Project Site	Perpetual Estate (PE)Title owner	NHA REF NO#
Betikama Camp Ground Site	Seven Day Adventist Church (SDA)	GTB 04/21

3.0.1: Propose Project Site

(Refer to google map images below)

4.0.0: Scope of Works.

The scope of work to be carried out by the contractor is expected to include, but is not limited to the following:

- To mobilize and visit the identified development sites. This includes: site inspection, site marking, set admin and safe parking area, required vegetation clearance and all other necessary project control measures on site to ensure all working areas are cleared at all times throughout the duration of the project.
- To clear, detect/identify and remove UXO's and other chemical munitions that has the risk and hazard from human lives.
- Escorting and disposal of UXO's and other explosive materials as per established and authorized protocols.
- To deliver the expected work output in a timely manner.
- To provide the required certification of works, and to register such certificate with relevant authorities.
- Clear the area systematically of all bigger metal objects

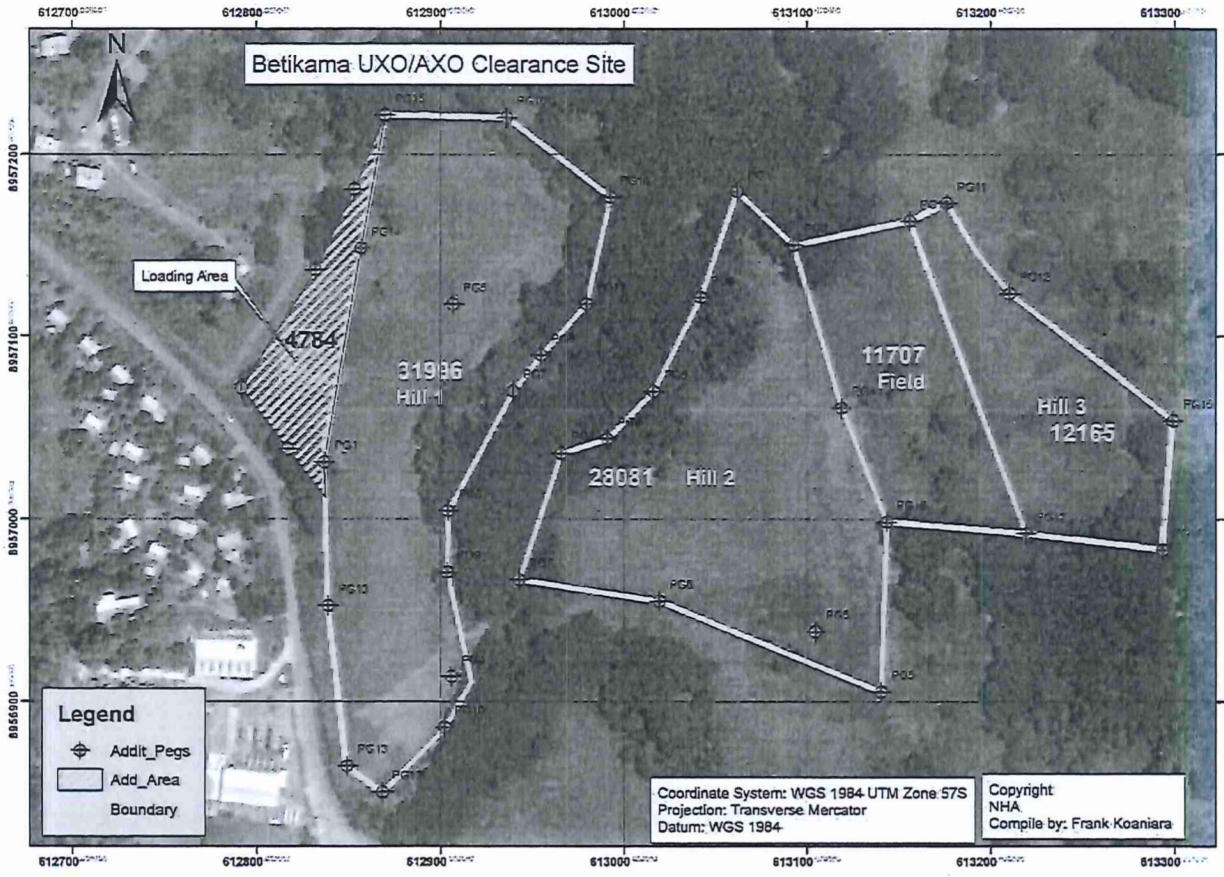
- Remove all Metal signals from the ground and place in a metal collection point
- Cooperate with the external QC & QA contractor.
- Report all ERW found to the RSIPF EOD team
- Report all ERW found to the External QA/QC team
- GPS & record ERW only (not metal waste)
- Do not report on empty 50 calibre brass or Bullet heads
- Prior to starting the task demonstrate the detector search depth to the QA/QC team
- Have your SOP on site at all times

UXO Area
The total area to be UXO'd is as follows:

- Hill 1: 31,996 m^2
- Hill 2: 28,081m^2

Total Area= 60,077m^2 (Refer GIS Map provided.)

Project Site: Betikama Borrow site.
(Refer to GIS MAP below)



5.0 Tools and Equipment

- All other UXO survey tools and equipment to be provided by the contractor.
- Excavator if and when excavation works will be required.

6.0 Conditions of Excavator
The contractor is expected to include charges for excavator in their costings. However, only actual work hours must be reflected and a log sheet of the excavator to be submitted with the final invoice after completion of works.

7.0 Reporting Requirements
The contractor(s) is/are expected to send a daily report on work progress to the PMU designated officers Mr. Eldon Tepa, Mr. Elwyn Maetia and Mr. Charles Biliki. The daily report should highlight progress of the work, UXOs found, amount of debris and ground works removed and any other information deemed as vital for the NHA/PMU's knowledge.

8.0 Submission
Pricing
All pricing shall EXCLUDE GST. The NHA is exempt from GST and a certificate will be provided at time of contract.
Contractor must provide indication of when the work can be conducted and completed

9.0 Resources & Equipment
Provide description of all available equipment's under your control.

10.0 Skills & Experience
Minimum requirements to meet qualifications,

- Have professional and technical experts in the identification, removal, transportation and disposal of all WWII munitions for the past 10 – 20 years.
- Trained Explosive ordnance clearance operators with recognized qualifications in the field and at least 3-5 years relevant experience.
- TIN Number. Must be legally registered.
- Experience of company with similar work.
- Schedule of Works-Proposed schedule to complete all works by the required completion date.
- Valid liability insurance policy in place showing the limits of liability.
- Good working history with no background of non-compliance. (This will be verified with the EOD Team).

Appendix B - Consultant's Personnel

Contractor will need to have the proper qualified and experienced personnel that will ensure that all that are specified in the TOR in appendix A are achieved. Refer to CVs attached.

Appendix C – Consultant's Reporting Requirements

The Contractor is expected to report to the Project Management Unit. Any invoices submitted as claim for any payment will be verified by the PMU and forwarded to the Client appointed coordinator stated in paragraph 4 of this contract for approval.

Appendix D – Cost of the Services

1. Betikama borrow site.

Item	Unit	Qty	Rate	Total Cost
General & Preliminary Items				**$119,300.00**
Specific UXO survey work Items.				**$1,058,116.00**
Grand Total				**$1,177,416.00**

UXO Payment Scrutiny Report

UXO work was required to be done again on an urgency basis due to impact of CCECC construction work on the 2023 Pacific Games Stadium Projects on the east and west side of KGVI school.

This need arose following CCECC's discovery of bomb on a site previously cleared as free from UXO.

PMU proceeded and awarded job to SIBAC without tender on the basis of NHA's approved preferred supplier and the fact that at that time, they were the only ones who own a loop machine recommended by EOD team from the Police.

This procurement process was rushed because of urgency and ITB and GTB were requested to waive the process. Process waiver prepared, presented to ITB and GTB and was approved.

Challenges NHA Secretariat, ITB and GTB Secretariat faced.

The documentations were presented to Secretariat at the time of the ITB meeting just 2 hours before GTB Meeting. GTB was also not given time to review the documents.

Challenges with SIBAC's quotations;

- PMU/NHA tender process or fair bidding process was not done giving the contractor opportunity to quote whatever it wants to quote outside of what would normally be requested to be quoted under usual procurement process.
- Despite direct appointment to SIBAC, there was no contract put in place right from the beginning prior to awards.
- SIBAC then requested variations provided for UXO should not be accepted unless the variation is due to NHA's decision.
- SIBAC quoted for machines that are forms part of the UXO business. As a service contracted firm to do UXO, it was not expected to quote for use of its machines. NHA/PMU must clearly specify the scope of work that UXO firms should quote for. Currently the quotes received are not consistent. Different firms and quoting different items because the firms are handpicked as they are NHA's preferred suppliers.

Recommendations;

1. Procurement Process must be followed.
    a. UXO Firms are to be invited to bid as per simple procurement process. Invitations must clearly spell out scope of work to be quoted Submissions must be in a
    b. Comparative Bid analysis to be made and award service to be best firm and cheapest
    c. Get compliance team to check it

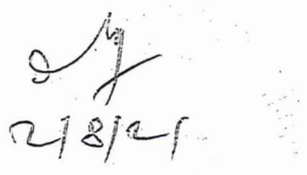
21/8/21

d. Get ED to approve it
e. Negotiate and Contract
f. Sign contract before work commences

Where New sites are required – as much as possible, advertisement should be put out and follow the procurement process.

2. SIBAC's variations has not been approved by ITB/GTB, and as approved by NHA, its questionable quotes must be deducted from its approved quotations.

3. NHA PMU is advising that SIBAC will vary its quote for KGVI Plot 1. GTB secretariat ought to convey GTB decisions to them that they may submit it but payment depends on whether or not approved by GTB and PMU or NHA Secretariat does not have the authority to guarantee that it will be approved. It is subject to ITB and GTB alone.



PACIFIC GAMES
SOLOMON ISLANDS

GAMES TENDER BOARD
NATIONAL HOSTING AUTHORITY

Ref: GTB03/21 **Date**: 25 August 2021

To: Reinhard Alalo
Solomon Islands Battle Area Clearance
P.O. Box 943
Honiara
Solomon Islands

Dear Sir,

By circulation of paper in a meeting of the NHA GTB on the 21st of July 2021, GTB considered the request for the award of UXO works done by your firm on Betikama Site. GTB was advised of the urgency of the work that required PMU to request for normal waiver of the process. The cost of the UXO is SBD$1,177,416.00. Upon deliberation, GTB therefore approved the amount of SBD$1,177,416.00 for the UXO works.

GTB Resolution:

Based on the papers presented to GTB and upon its deliberation, GTB resolved that the approved amount for the payment to SIBAC for its UXO works done at Betikama Site is SBD$1,177,416.00.

The GTB members confirm their decision by affixing their signatures hereto:

Signature		
Name	Dr Jimmie Rodgers	Mr Mckini Dentana
Designation	Co-Chair Games Tender Board, Chair NHA	Co-Chair Games Tender Board, PS MOFT

Dated this 25th Day of August 2021
Attached/....

C/-P.O. Box 2443
Honiara
Solomon Islands

Phone:
677 7308800

Facebook page:
Sol2023 XVII Pacific Games

NATIONAL HOSTING AUTHORITY
XVII 2023 PACIFIC GAMES

1.Executive Summary:

The brief report is to justify why PMU go ahead with the engagement without following the procurement process for securing of Betikama, SDA Mission site for the borrowed land and engagement of SIBAC, UXO, and SAFE SIGNAL, QA & QC teams for the site clearance.

2. Background Information;

There was an implementation agreement between the Solomon Islands government and the Peoples Republic of China (PRC) for the development of the games facilities at King George East and West and one of it was for the SI government to provide for the construction sites, borrowed land for ground fill. And not until recently, NHA realise after CCECC put pressure on NHA to quickly organise the borrowed sites for extraction of fill ground for backfill of KGVI school and Panatina sites.

3. Uprising Issues:

NHA failed to deliver on time the borrowed land to CCECC and CCECC has claimed that NHA his already caused 40 days delay to their contract and thus put PMU team in an awkward position, being the engine for delivering all the games facilities on time for the 2023 games.

4. Borrowed Land and Issues to be Resolved

i. Getting free landfill to meet the specifications was a challenge.
ii. Initially were going to go with SINU; however, they provided small mounds and hills in various locations which could not service the requirements of the project.
iii. We approached SDA Mission who owns the Betikama site confirmed they could assist and at a rate of $25/m3.
iv. A site inspection between NHA, SDA Mission and CCECC (contractor) confirmed the site as suitable for quantity and quality to suit the needs of the project.
v. For this site, it was requested that an environmental impact assessment be completed.
vi. This process involves an environmental assessment, approvals from the Ministry of Mines and the Ministry of Environment for approvals.
vii. The process of getting development permit from Guadalcanal Provincial Government also been approved.
viii. PMU has completed the reports and received the relevant approvals as of 2 July 2021.

ix. KGVI school is being impacted by illegal settler Judith Maclean. Contractor is concerned given lawyer is involved.
x. We have been pressured by CCECC and SPM to expedite the Borrowed Land ready for CCECC to use as per MOU
xi. UXO clearance and QC, QA needs to be done before extraction of ground fill can be done.
xii. Having delayed the process in contract point of view each day delay would attract a penalty ranges from 1% to 10% of the current contract sum.
xiii. For PMU each day is a countdown for the delivery time of the 2023 games.
xiv. We are caught unprepared on this issue which to my understanding this supposed to be organise done long time ago to avoid such last minute rush.

Quotations Summary:

Item	Supplier / Company	Qty	Unit	Rate	Amount
1	SDA Mission Borrowed Land, Betikama	120,000	m3	25.00	$3,000,000.00
2	SIBAC UXO	60,077	m2	19.69	$1,177,416.00
3	SAFE SIGNALS	60,077	m2	8	$480,616.00
				Total	$4,658,032.00

Official Approval by PMU

Date 20/07/2021 Prepared by: CA	Endorse	
Date 20.07.21 Executive ~~Director~~ PMU	Approved	Not Approved

National Hosting Authority
Meeting Minutes

Games Tender Board (GTB) Meeting

Date:	21 July 2021	
Venue:	NHA Conference Room	
Time:	2:40pm	
Secretary:	Jone Vave	
Attendees:	Co-chair:	1. Dr. Jimmie Rodgers - SPM
	Co-chair:	2. Mr. Joe Sika – NSC Chair
	Member:	3. Mr. Mcfaddean Aoracinisaka – Director
	Member:	PG2023 Cabinet Sub Committee
		4. Leslie Penibanga – Deputy Accountant
	Member:	General
	Member:	5. Jesper H Anisi – GOC Representative
		6. Edward Waiwaki – AG Representative
Apologies:	Vice Chair:	1. Susan Sulu – PS MNPDC
	Member:	2. Mr. McKinnie Dentana – PS MOFT
	Member:	3. GHP Committee Member
	Member:	4. Mr. Stephen Maesiola – PS MID
		5. Jimmy Nuake – DPS MID

Thursday 21 June 2021 *Minutes*

Agenda:

1. Opening Prayer
2. Chairman's welcome and opening remarks
3. Main Agenda
    a. Awarding of PG2023 Football Training Center (New SIFF Academy)
4. AOB
    a. UXO Works at Betikama
    b. Plot 1 PRC Site UXO
    c. WIKA Variation
    d. Payment for Betikama Borrowed land - $SBD3 Million
5. Closing Prayer

Agenda: Deliberating the responses from CCECC and JED
Presenter: Dr. Jimmie Rodgers
Discussion:

GTB Chair

- GTB members could not make decision last meeting and agreed to reconvene today to deliberate on SIFF Academy Project.
- The Board requested the secretariat to request further information from JED and CCECC.

The Executive Project manager (EPM) is invited to provide updates on the outcomes of the requests assigned to him last week.

Executive Project Manager (EPM)

- Requested further information from the two companies last week.
- CCECC provided their response on 19/06/21 and JED provided theirs on 20/06/21.
- JED was asked to respond to the following queries,
  1. Submit updated project delivery;
  2. Submit structure of Project delivery team;
  3. Confirm financial capacity to manage a project of this nature noting that payment may be delayed up to 6 months;
  4. Submit project's cash flow for project duration and;
  5. Confirm the indicative value of variations for additional bulk works
- JED's response:
  1. JED updated project delivery states they will complete the project by August 2022.
     - ITB has assessed and confirmed it is reasonable and within the current market speed.
  2. ITB confirmed that the individuals in the team have experience for the project.
     - Kenneth Bo'o is the Project manager
     - He will resign from his position in SINU if JED is awarded.
     - EPM highlighted that they have no experience working together.
  3. Super Entertainment Center has agreement with JED to give $SBD5 million upon being awarded the project. EPM flagged that NHA will have no control over the contracts JED have with other entities.
     - JQY submitted letter from BSP indicates they have $SBD7m overdraft. No clear indication about how much of overdraft is spent and where it is sitting.

- After review and deliberation of the responses, ITB has decided to leave the decision to GTB to award the contract.

- Chair confirms responses from JED and CCECC.
- Chair notes the key differences between two responses is 1) the budget and 2) proof of project delivery which JED has not provided enough proof of. Important aspect is to assess the ability to deliver project on time and budget which both have stated they can.

Chair gives board members time to ask questions to ET

- Board member queries the number of locals to work with the projects?
  - EPM response: currently CCECC adopting minimum 1:3 or max 1:4 (Chinese to Local). This can be negotiated in the contract if CCECC is awarded.
- Board member queries if all Chinese staff currently in country?
  - EPM response: Yes, all staff stated for SIFF project are in country.

EPM Leaves room to give GTB members to deliberate on Main agenda

Action point:

- n/a

GFC Chair

- Initial scope was only for building. Fields was later requested by SIFF to have higher priority than the buildings.
- Fields was later included as variation to initial scope. Field now included in the project scope.
- Current elevation of MAL is about 1m lower than road
- Bulk of the work is to bring the level up to the road level and design for drainage

GTB Chair

- If retender, there has to be a justified reason for it and the scope has to provide more emphasis on fields.
- If decision was made objectively, CCECC should be awarded because of proven track record of delivering projects, budget and experience.

GOC Rep

- After hearing what Leslie mentioned, there is a lot of risk involved for local companies.
- Agree for Board to retender.
- If board was to make a decision now, CCECC should be awarded based on costs.

AG Rep

- In light of new information, there is risk with local contractor.
- Supports motion to retender, but if CCECC bids again, then should award it to CCECC because of a good record of delivering project.

Deputy Accountant General

- If retendering, have to consider local companies and do restrictive tender.
- Provide clear specifications of what is required
- Restrictive tender is when what we want is specialized and only certain companies can provide them.

GTB Chair

- If decision is made objectively, CCECC would be awarded the contract.
- It is clear that GTB members would like to promote local content.
- Contractors that have already submitted don't need to submit again for the retender.
- Restricted tender is only to Local companies.

GFC Chair

- If we retender, we need to define local company to avoid confusion.

Deputy Accountant General

- Main guide to restrictive tender is the potential to deliver
- Only going to people that we know can deliver
- Restrictive tender is open for 7 days
- We can get a decision report within a month

GTB Chair

- After extensive discussion, GTB has decided to retender the SIFF Project

- The same flooring will cover all the flooring and not just the playing surface.
- This is to avoid having sections of the court deteriorating at different times.
- Amount for GTB to approved is 3.7m and includes 200k to allow for cost fluctuations in exchange rates.
- Variation amount for approval is within budget and in 2021 procurement work plan.
- Product comes from Europe through an agent in Australia.
- Production and lead time to arrive in Honiara is 7-8 months.

EPM and Secretariat Leaves room for GTB to deliberate

Board Decision:

- Board members agree to approve the variation since it is within budget.

✓ Motion moved by *Jasper Anisi*
✓ Seconded by *Leslie Penibanga*

Agenda: AOB - UXO Works at Betikama, Plot 1 PRC site excavation and Payment for Betikama Borrowed land - $SBD3 Million

EPM and Secretariat invited to explain

1. Payment for Betikama Borrowed land - $SBD3 Million.
   - KG west and east site currently sits below flood plain and road level.
   - Betikama site was identified as source of backfill material to bring KG site to same level as the roads.
   - Current market rate for backfill material is $SBD200 – $SBD250/m3.
   - Agreement was reached between Seventh Day Adventist Mission and NHA to purchase backfill material at $SBD25/m3.
   - UXO works must be completed before excavation works begin thus the request to GTB for payment approval.
   - Estimated Cost of backfill material at Betikama site is $SBD3 million for 120,000 m3.
     - $SBD3 million is cost for backfill material.
   - NHA will monitor amount of material moved from excavation site by having a staff on excavation site to count number of loaders moving out of the site and then correspond it to number of loaders arriving at KG site.

Deliberation on UXO Works for Betikama and Plot 1 PRC site

Board Decision:

- Board agrees to investigate the inclusion of equipment hire included in UXO costs and whether it should be included or not.
- Board suggests to include 10% retention to UXO contractors and a retention period of 3 months after excavation works have been completed.
    - Meaning for every payment to contractors, 10% of the amount is retained.
- Board agrees to approve payment of UXO works for Betikama and Plot 1 KGVI West PRC site

✓ Motion Moved by Dr. Jimmie Rodgers
✓ Seconded by Joe Sika

Meeting adjourned @ 5:48pm

Closing prayer by ***Jasper Anisi***

Secretary: _____ Date: 27 July 2021

Chairman: _____ Date: _____

Transaction or Request Lodgement Receipt

Transaction or Request Description:	ANZ to Other Bank Transfer
Transaction or Request Status:	Held for Authorisation
Date / Time:	08/12/2021 16:36
Transaction Number:	AEK40735

Transaction Details:

ANZ to Other Bank Transfer

From Account: 5691140
Transfer Amount in Local Currency: SBD 117,741.60
Transfer From Amount: SBD 117,741.60
Indicative :
My Reference: UXO-Retention-BS

Payment Details

Account Name: SI Bat
Account Number: 011
Bank Name: Pan Ocea
Reference To Payee :

Pay Date : 08/12/2021

Comments:

* * * * * * * * * * Autl
08/12/2021 16:36 Debt
Authorisation Required
* * * * * * * * * * * *

Beti Kamo
UXO
Retention

©Copyright Australia an [illegible] 522, 1996-2021. ANZ's colour blue is a trade mark of A[illegible].

PAYMENT VOUCHER

Payment: Voucher No:	
NAME: SI Battle Area Clearance (SIBAC)	APPROVED BY EXECUTIVE DIRECTOR
Address:	Signed _____ Date 8/12/21
IF DIRECT CREDITS ISSUED: BANK REF #: _____ Signed _____	APPROVED BY FINANCIAL CONTROLLER Signed _____ Date 8/12/21

NHA CODE	GL NAME	FULL DETAILS OF CLAIM	AMOUNT
2-1330	Retention	Retention Payment - Betikama Site	$117,741.60

Cheque No: I Trans for $117,741.60 Date 8/12/2021

Signature of claimant _____

PRINT NAME: _____

Payment Voucher Prepared by _____ Date 8/12/21

INVOICE

SOLOMON ISLANDS BATTLE AREA CLEARANCE
P.O.BOX 943, Honiara
Email: sibac2021@gmail.com

Mobile: (677) 7696961 / 7624271

TO: NHA **Procurement/ Accounts Unit**	**Bank Name : PAN OCEANIC BANK (POB)** **Bank Account: 011501000890**
REF: – Retention 10% UXO/Clearance BAC Betikama.	**INVOICE Number:2411202101**

ITEM	Specifications /Descriptions	Unit	Quantity	Rate	Total Cost
UXO Clearance	Retention 10%				$ 117,741.60
	TOTAL AMOUNT: SBD				**$ 117,741.60**

Signature :_____

Date: 24/Nov/2021

SOLOMON ISLANDS BATTLE AREA CLEARANCE
Date:
Sign:

PAID
DATE 8/12/21 CHQ. No. IBTrans
GL-21330

10/09/2021

Four Hundred and Twenty Six Thousand Eight Hundred and Thirteen Dollars and 30

***426,813.30

SI Battle Area Clearance (SIBAC)
P O Box 943

1584175		10/09/2021	$426,813.30
SI Battle Area Clearance			
	6-2717	Other Local Other Costs	$588,708.00
A.B.N.	2-1440	Withholding Tax Payable	-$44,153.10
	2-1330	Retention	-$117,741.60
A.C.N.			

Final Payment - Betikama Site

C/-P.O. Box 2443
Honiara
Solomon Islands

Phone:
677 7308800

Facebook page:
Sol2023 XVII Pacific Games

NATIONAL HOSTING AUTHORITY
XVII 2023 PACIFIC GAMES

MEMO

To: Eldon Tepa **Date**:1st December 2021

Thru: Charles Biliki

From: Elwyn Maetia

Re: Retention 10% UXO Clearance BAC Betikama Comp Site Borrowed Land

National Hosting Authority in its preparation for the games 2023, secure Betikama Camp Site Borrowed Land for extraction of soil for the CCECC construction sites at KG VI school East and West.

An UXO Contractor was engaged to carry out the site clearance in preparation for the soil extraction and below is the detail of the contract.

Contractor: **Solomon Islands Battle Area Clearance (SIBAC)**
Date of commencement of work: **06th July 2021**
Completion date: **22nd August 2021**

Contract Sum: SBD$1,177,416.00
10% Retention: **SBD$117,741.60**

The three months Defect Liability period for the retention starts on the 22nd August 2021 and laps on the 22nd November 2021 without any defect. And hence, the retention sum is now due to release, paid direct to SIBAC.

Thank you and Regards.

GAMES FACILITIES COMMITTEE

PROJECT MANAGEMENT UNIT

NATIONAL HOSTING AUTHORITY, SOLOMON ISLANDS GOVERNMENT
PURCHASE REQUISITION

Project Name: UXO CLEARANCE
Project No.: BETIKAMA SITE

QUANTITY	UNIT	DESCRIPTION	PURCHASING OFFICER USE ONLY		
		(Full and clear details of payment)	SUPPLIER	ORDER NO.	COST
1	Item	RETENTION PAYMENT FOR SIBAC	SOLOMON ISLANDS BATTLE AREA	-	$117,741.60
		10% OF CONTRACT SUM SBD$117,741.60	CLEARANCE (SIBAC)		
				Totals	$117,741.60

Approval is requested to incur expenditure on the above

Estimated Cost (SBD): 117,741.60 Date: 1/12/2021

Requisition Officer (Name): Elwyn Maetia Sign:

Account No: 6-2004
Title: CONSULTANCY FEE

Funds available on this account: $3,349,769.00

Supervisors Certification (Accountable Officer): 7/12/21

Certifying Officer (Name): Eldon Tepa Sign:

Post: Executive Director, GFC

Department/Ministry: PMU, GFC/OPMC

Authority is granted for expenditure not exceeding:

SBD$ 117,741.60

Signed:

Name: E Nieau

Note: Authority for expenditure must be given by accounting officer or his/her deligated

Checklist

Is the value under $SBD10,000?	✗
Is the value between $10,001 & $100,000?	
Is the value between $100,001 & $500,000?	✓
Is the value more than $500,001?	

Are the correct supporting documents attached? Yes

Sign:

2023 PACIFIC GAMES

GAMES FACILITIES COMMITTEE

PROJECT MANAGEMENT UNIT

Date: _____

PACIFIC GAMES
SOLOMON ISLANDS

PG NATIONAL HOSTING AUTHORITY

COMPLIANCE CHECKLIST – ADVANCE PURCHASES (up to $100,000 SBD)

Required documents:	FI Ref	Dept	NHA	Comments
Purchase Requisition (PR) & Payment Voucher (PV)	P7 35	✓		
Pro-forma Invoice	P7 99	✓		
Verbal Quotation Form (if below $20,000 SBD)	P7 12			
Three Written Quotes and Bid Analysis (if above $20,000 and these goods/services are not waived in FI's -Domestic Travel, Hotel Accom, Freight, Market and Perishable Goods)	P7 9, P7 10 & P7 13	✓		
Bid Waiver (if not following prescribed procurement method in the FI's)	P7 10.3 & 10.4, P7 7.1 (f)			
ICT Checklist attached (if for ICT equipment)				
Compliance checks required:				
Check supplier doesn't accept LPO's				
Check no other supplier will supply same goods using an LPO				
PV/PR has been signed by authorized person (and not approving payment to themselves)	P7 44			
Check amount on PV/PR matches Pro-forma Invoice				
Account code used is correct	P7 38.5(e)	✓		
Vendor name on PV/PR matches Pro-forma Invoice	P7 38.5(e)	✓		
Check calculations on Pro-forma Invoice are correct	P7 43.2(c)	✓		
Check Bid Waiver is for a Valid Reason				
Check selection of supplier is justified on Bid Analysis		✓		
Check Expenditure is acceptable and proper use of SIG/project money	P7 43.2(a)	✓		
Check second and third quotes are from genuine suppliers				
Check price and rates are reasonable	P7 43.2(b)	✓		
Description has enough detail		✓		
Budget OK		✓		
Invoice posting:				

Note: If any of the above is not able to be certified please include an explanation of why. This will speed up the compliance process.

Department Compliance performed by:

Signed: _____

Name and Position: DEEIMA KEHATIVLE

COMPLIANCE UNIT.

PACIFIC GAMES
SOLOMON ISLANDS

CONTRACT OF ENGAGEMENT

Contract #: GTB 04/21

THIS CONTRACT ("Contract") is entered into this 6th day of July 2021, by and between the National Hosting Authority ("the Client") having its principal place of business at **Sea King Building, MID Works Drive**, and **Solomon Islands Battle Area Clearance (SIBAC)** ("the Contractor") having its principal office located at **Naha 2, East Honiara**

WHEREAS, the Client wishes to have the Contractor perform the services hereinafter referred to, and

WHEREAS, the Contractor is willing to perform these services,

NOW THEREFORE THE PARTIES hereby agree as follows:

1. **Services**
   (i) The Contractor shall perform the services specified in Annex A, "Terms of Reference and Scope of Services," which is made an integral part of this Contract ("the Services").
   (ii) The Contractor shall provide the personnel listed in Annex B, "Contractor's Personnel," to perform the Services.
   (iii) The Contractor shall submit to the Client the reports in the form and within the time periods specified in Annex C, "Contractor's Reporting Obligations."

2. **Term**
   The Contractor shall perform the Services during the period commencing 6th July 2021 and continuing through 31st July 2021, or any other period as may be subsequently agreed by the parties in writing.

3. **Payment**
   A. Ceiling
   For Services rendered pursuant to Annex A, the Client shall pay the Contractor an amount not to exceed **$1,~~177,416.00~~ SBD**. This amount has been established based on the understanding that it includes all of the Contractors costs and profits as well as any tax obligation that may be imposed on the Contractor.

   B. Schedule of Payments
   The schedule of payments is specified below:
   - 50% shall be paid upon signing on of contract.
   - 50% shall be paid upon receipt of a final report along with certification that the site are UXO free.

   C. Payment Conditions
   Payment shall be made in Solomon Islands Bokolo Dollars, no later than 15 days following submission by the Consultant of invoices in duplicate, to the Coordinator designated in paragraph 4

D. Tax Liability

The parties agree that unless the Contractor furnishes a legal exemption order for withholding taxes, then the Contractor agrees that the fees shown are gross amounts. NHA shall deduct such withholding tax as required by the Solomon Islands law, from the payment owning to the Contractor, and shall remit the tax amount directly to the Government authorities, and provide such proof of remittance to the Contractor on a timely basis, and at the end of the fiscal year, provide a summary of all taxes paid.

4. Project Administration

A. Coordinator.

The Client designates Executive Director- PMU as Client's Coordinator; the Coordinator will be responsible for the coordination of activities under this Contract, for acceptance and approval of the reports and of other deliverables by the Client and for receiving and approving invoices for the payment.

B. Reports.

The reports listed in Annex C, "Contractor's Reporting Obligations," shall be submitted in the course of the assignment, and will constitute the basis for the payments to be made under paragraph 3.

5. Performance Standards

The Contractor undertakes to perform the Services with the highest standards of professional and ethical competence and integrity. The Contractor shall promptly replace any employees assigned under this Contract that the Client considers unsatisfactory. If the Contractor after written notice is still considered not performing in accordance with Clause 1 "Services", the Client may terminate the contract by written notice.

6. Confidentiality

The Contractor shall not, during the term of this Contract and within two years after its expiration, disclose any proprietary or confidential information relating to the Services, this Contract or the Client's business or operations without the prior written consent of the Client.

7. Ownership of Material

Any studies reports or other material, graphic, software or otherwise, prepared by the Consultant for the Client under the Contract shall belong to and remain the property of the Client. The Contractor may retain a copy of such documents and software.

8. Contractor not to be engaged in Certain Activities

The Contractor agrees that, during the term of this Contract and after its termination, the Contractor and any entity affiliated with the Contractor, shall be disqualified from providing goods, works or services (other than the Services and any continuation thereof) for any project resulting from or closely related to the Services.

9. Insurance

The Contractor will be responsible for taking out any appropriate insurance coverage, including the liability of the Contractor.

10. Assignment

The Contractor shall not assign this Contract or sub-contract any portion of it without the Client's prior written consent.

11. Law Governing Contract and Language

The Contract shall be governed by the laws of The Solomon Islands and the language of the Contract shall be English.

12. Dispute Resolution

Any dispute arising out of the Contract, which cannot be amicably settled between the parties, shall be referred to adjudication/arbitration in accordance with the laws of the **Solomon Islands.**

FOR THE CLIENT

Signed by _____

Title: ED

Date: 23/7/21

FOR THE CONTRACTOR

Signed by _____

Title: DIRECTOR

Date: 6/7/2021

SOLOMON ISLANDS BATTLE AREA CLEARANCE
Date: 6/7/21
Sign:

WITNESS

Signed by _____

Title: ED.

Date: 28/7/21

List of Annexes

Appendix A – Scope of the Services

1.0.0: Background

Solomon Islands is preparing to host the 2023 Pacific Games in Honiara and the National Hosting Authority (NHA) is preparing sites to prepare sporting facilities within Honiara. The construction of the main stadium has commenced by CCECC. A requirement of the construction process is to dispose the top soil of the site and backfilled using gravel. SDA Church Management has approved certain plots within the Betikama Camp Ground Site boundary for CCECC to collect these gravels. However, before excavation starts, a UXO survey needs to be carried out on the plots to ensure the areas are UXO free.

The NHA therefore calls on registered companies and firms to submit quotations for the works described herein.

2.0.0: Objectives

The NHA invites companies and/or contractors to provide the following:

1. Provide quotations for UXO of Betikama borrow site.

3.0.0: Project Information

Project Site	Perpetual Estate (PE)Title owner	NHA REF NO#
Betikama Camp Ground Site	Seven Day Adventist Church (SDA)	GTB 04/21

3.0.1: Propose Project Site

(Refer to google map images below)

4.0.0: Scope of Works.

The scope of work to be carried out by the contractor is expected to include, but is not limited to the following:

- To mobilize and visit the identified development sites. This includes: site inspection, site marking, set admin and safe parking area, required vegetation clearance and all other necessary project control measures on site to ensure all working areas are cleared at all times throughout the duration of the project.
- To clear, detect/identify and remove UXO's and other chemical munitions that has the risk and hazard from human lives.
- Escorting and disposal of UXO's and other explosive materials as per established and authorized protocols.
- To deliver the expected work output in a timely manner.
- To provide the required certification of works, and to register such certificate with relevant authorities.
- Clear the area systematically of all bigger metal objects

- Remove all Metal signals from the ground and place in a metal collection point
- Cooperate with the external QC & QA contractor.
- Report all ERW found to the RSIPF EOD team
- Report all ERW found to the External QA/QC team
- GPS & record ERW only (not metal waste)
- Do not report on empty 50 calibre brass or Bullet heads
- Prior to starting the task demonstrate the detector search depth to the QA/QC team
- Have your SOP on site at all times

UXO Area

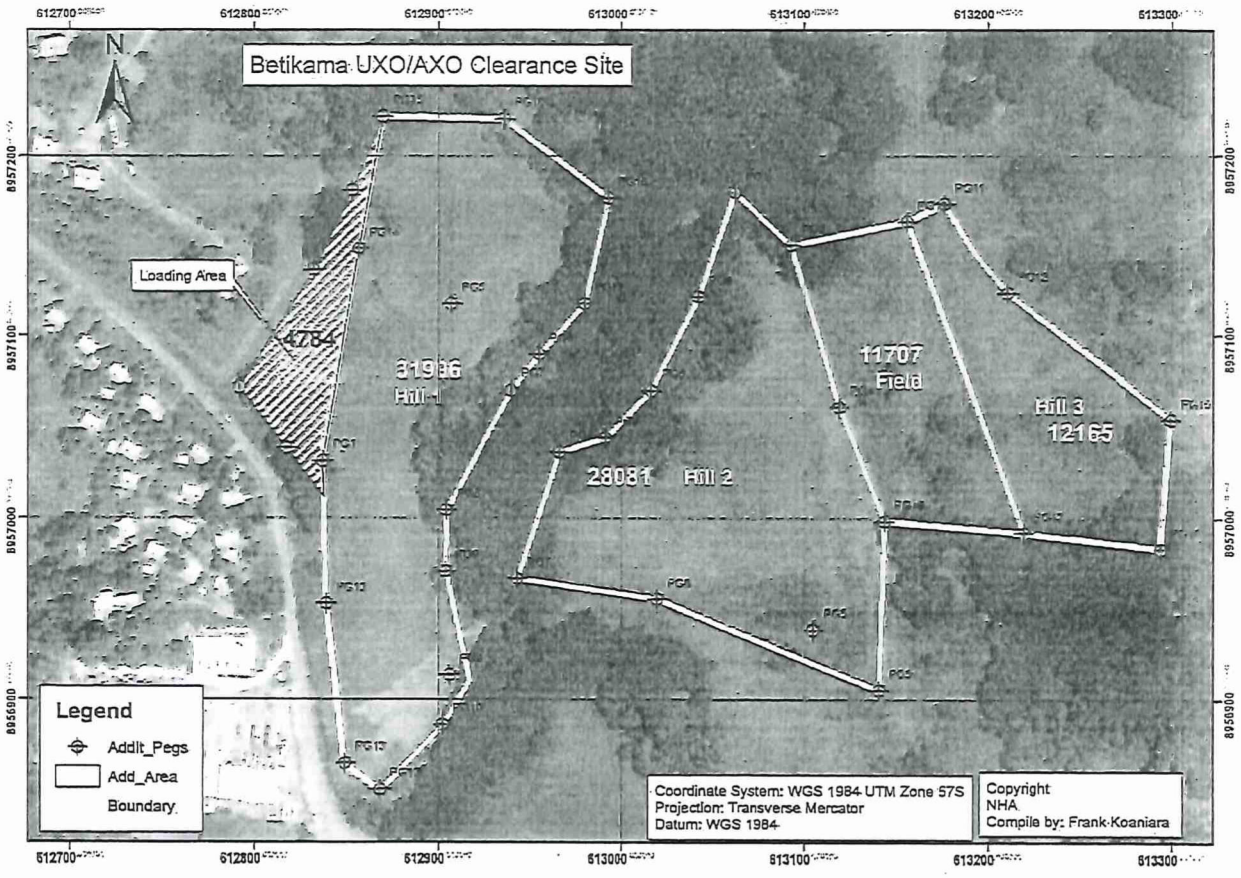
The total area to be UXO'd is as follows:

- Hill 1: 31,996 m^2
- Hill 2: 28,081m^2

Total Area= 60,077m^2 (Refer GIS Map provided.)

Project Site: Betikama Borrow site.

(Refer to GIS MAP below)



5.0 Tools and Equipment

- All other UXO survey tools and equipment to be provided by the contractor.
- Excavator if and when excavation works will be required.

6.0 Conditions of Excavator

The contractor is expected to include charges for excavator in their costings. However, only actual work hours must be reflected and a log sheet of the excavator to be submitted with the final invoice after completion of works.

7.0 Reporting Requirements

The contractor(s) is/are expected to send a daily report on work progress to the PMU designated officers Mr. Eldon Tepa, Mr. Elwyn Maetia and Mr. Charles Biliki. The daily report should highlight progress of the work, UXOs found, amount of debris and ground works removed and any other information deemed as vital for the NHA/PMU's knowledge.

8.0 Submission

Pricing

All pricing shall EXCLUDE GST. The NHA is exempt from GST and a certificate will be provided at time of contract.

Contractor must provide indication of when the work can be conducted and completed

9.0 Resources & Equipment

Provide description of all available equipment's under your control.

10.0 Skills & Experience

Minimum requirements to meet qualifications,

- Have professional and technical experts in the identification, removal, transportation and disposal of all WWII munitions for the past 10 – 20 years.
- Trained Explosive ordnance clearance operators with recognized qualifications in the field and at least 3-5 years relevant experience.
- TIN Number. Must be legally registered.
- Experience of company with similar work.
- Schedule of Works-Proposed schedule to complete all works by the required completion date.
- Valid liability insurance policy in place showing the limits of liability.
- Good working history with no background of non-compliance. (This will be verified with the EOD Team).

Appendix B - Consultant's Personnel

Contractor will need to have the proper qualified and experienced personnel that will ensure that all that are specified in the TOR in appendix A are achieved. Refer to CVs attached.

Appendix C – Consultant's Reporting Requirements

The Contractor is expected to report to the Project Management Unit. Any invoices submitted as claim for any payment will be verified by the PMU and forwarded to the Client appointed coordinator stated in paragraph 4 of this contract for approval.

Appendix D – Cost of the Services

1. **Betikama borrow site.**

Item	Unit	Qty	Rate	Total Cost
General & Preliminary Items				**$119,300.00**
Specific UXO survey work Items.				**$1,058,116.00**
Grand Total				**$1,177,416.00**

Deliberation on UXO Works for Betikama and Plot 1 PRC site

Board Decision:

- Board agrees to investigate the inclusion of equipment hire included in UXO costs and whether it should be included or not.
- Board suggests to include 10% retention to UXO contractors and a retention period of 3 months after excavation works have been completed.
    - Meaning for every payment to contractors, 10% of the amount is retained.
- Board agrees to approve payment of UXO works for Betikama and Plot 1 KGVI West PRC site

✓ Motion Moved by Dr. Jimmie Rodgers
✓ Seconded by Joe Sika

Meeting adjourned @ 5:48pm

Closing prayer by ***Jasper Anisi***

Secretary: _____ Date: 27 July 2021

Chairman: _____ Date: _____

Cover Page

Solomon Islands Battle Area Clearance

UXO SURVEY OF BORROW SITE – BETIKAMA SITES

Final Report

Project Client: NHA

Project Type:
UXO BAC Clearance

Project Site:
Betikama/Camp Site

Operation Start Date:
06/July/2021

Operation End Date:

22/August/2021



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S.I.B.A.C.
P.O. Box 943
Honiara
Solomon Islands
Email: reinhadtalalo@gmail.com
Mobile: (677) 7798397

Report Completion Letter

Mr. Eldon Tepa
Chief Executive Director
Project Management Unit
National Hosting Authority,
P.O. Box 2443,
Honiara, Solomon Islands.

Attn.: Charles Biliki

Dear SIR;

RE: COMPLETION REPORT FOR THE 'UXO SURVEY OF BORROW SITE – BETIKAMA SITES'

The *Solomon Islands Battle Area Clearance* firm [S.I.B.A.C.] is pleased to present to your good office this *Job Completion Report* [JCR] containing the UXO/AXO *Clearance/ Survey Certificate* plus all the Technical details of this UXO/AXO Technical Survey Work performed over the entire UXO SURVEY OF BORROW SITE – BETIKAMA SITES area [the Site], which commenced on 06/July/2021 and finished on 22/August/2021.
S.I.B.A.C. would like to assure you that the UXO/AXO Survey (*and subsequent Clearance*) at the Site was done according to, and adhered to International Mine Action Standards and National Mine Action Standards. Technical Survey to a maximum depth of 4 meters was carried out throughout the area. SIBAC is looking forward to continue working with the National Hosting Authority [NHA] of the Solomon Islands Government [SIG] and it's Donor Partners in any future required UXO Assessment and Clearance works anywhere in the Solomon Islands.

Thank you for believing in S.I.B.A.C. hence entrusting S.I.B.A.C. to carry out this UXO/AXO Survey (*and subsequent Clearance*) Job for the NHA at BORROW SITE – BETIKAMA SITES

Yours Faithfully,

Reinhard Alalo

Managing Director S.I.B.A.C.

UXO/AXO Clearance Certificate

COMPLETION - CLEARANCE CERTIFICATION AND REPORT		
Map Name	UXO SURVEY OF BORROW SITE – BETIKAMA SITES area	**MAP REFRENCE & NAME OF CLEARANCE Area**
		UXO SURVEY OF BORROW BETIKAMA Site; Refer to Map Locations

PART 1- DETAILS OF CLEARANCE OR SURVEY			
Name of clearance organization:	Solomon Islands Battle Area (SIBAC)	**Date Start:**	6-Jul-21
		Finish Date:	8/22/2021
Clearance or survey : Survey (with Clearance)		**Quantity and types of munitions located**: Refer attached ERW Data Sheet	

Methods & Technologies used:

Large Loop Magnometer set at figure 8, threshold of 40 and delay - 200 (2) Magnex 120 set at mod 2 & 3 for both shallow and deep search. Calibration Pit established on site. The following munitions were used as calibration items at the depths stated below.
(1) 1 x US MKII Hand Grenade placed at 30cm depth
(2) 1 x US 50mm projectile was placed at a depth of 40cm
(3) 1 x US 60mm mortar was placed at a depth of 50cm
(4) 1 x US 75mm projectile was placed at a depth of 70cm
(5) 1 x US 90mm projectile was placed at a depth of 1 meter

Quantity and types of UXO destroyed on site: N/A	**Depth of clearance**: 4 meters	**Square meters of cleared: area 60,077m²**
Is area now metal free?: Free from UXO/AXO only.	**Type & locations of cleared area marking**(see attach maps)	
Quality Assurance carried out by:	**Quality Control carried out by:**	

PART 2 - DECLARATIONS	
A. Declaration by certified (IMAS) operator field Manager: I declare that the area described in this document has been cleared in accordance with International Mines Action Standards, and that to the best of my knowledge and belief, it is free of, Unexploded ordnances only to the depths stated on this form.	**B. Declaration by Responsible Authority:** NB: No authorized firm is legally mandated to oversee Quality Control management and validation.(1) This Declaration of clearance is accepted.(2) The area described in this report is accepted as clear of unexploded ordnances only
Name: Mr. Reinhard Alalo	**Name:**
Position/Title: Site Manager	**Name of organization:**
Signature:	**Signature:**
Date:	**Date:**
THIS DOCUMENT HAS BEEN DISTRIBUTED AS SHOWN BELOW	
a. Original to: Client- NHA	**b.Copy to:** SIG RSIPF Database
c. Copy to: G Province Database	**d.Copy to:**

PROJECT OVERVIEW

Project Information

Project Site	Perpetual Estate (PE)Title owner	NHA REF NO#
Betikama School area.	Seven Day Adventist (SDA)	ITB I9/21

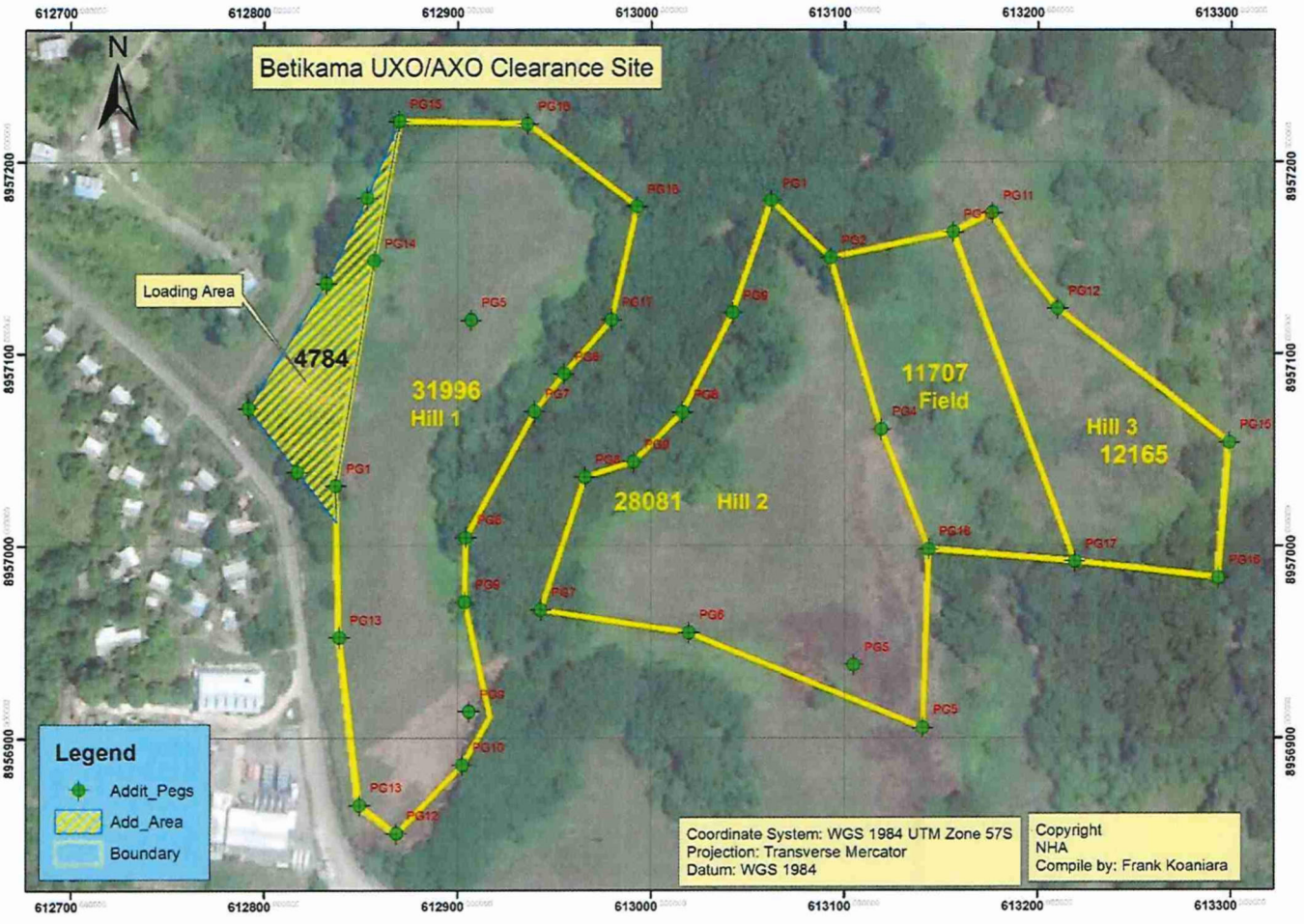
Background

Solomon Islands is preparing to host the 2023 Pacific Games in Honiara and the National Hosting Authority (NHA) is preparing sites to prepare sporting facilities within Honiara. The construction of the main stadium has commenced by CCECC. A requirement of the construction process is to dispose the top soil of the site and backfilled using gravel. SDA Church Management has approved certain plots within their betikama school boundary for CCECC to collect these gravels. However, before excavation starts, a UXO survey needs to be carried out on the plots to ensure the areas are UXO free.

Objection

- Carry out UXO clearance of these borrow sites

Propose Project Site



Scope of Work

The scope of work to be carried out include, but is not limited to the following:

- To mobilize and visit the identified development sites. This includes: site inspection, site marking, set admin and safe parking area, required vegetation clearance and all other necessary project control measures on site to ensure all working areas are cleared at all times throughout the duration of the project.
- To clear, detect/identify and remove UXO's and other chemical munitions that has the risk and hazard from human lives.
- Escorting and disposal of UXO's and other explosive materials as per established and authorized protocols.
- To deliver the expected work output in a timely manner.
- To provide the required certification of works, and to register such certificate with relevant authorities.
- Clear the area systematically of all bigger metal objects
- Remove all Metal signals from the ground and place in a metal collection point
- Cooperate with the external QC & QA contractor.
- Report all ERW found to the RSIPF EOD team
- Report all ERW found to the External QA/QC team
- GPS & record ERW only (not metal waste)
- Prior to starting the task demonstrate the detector search depth to the QA/QC team
- Have your SOP on site at all times

UXO Area

The total area to be UXO'd is as follows:

- Hill 1: 31,996 m^2
- Hill 2: 28,081m^2

Total Area= 60,077m^2

Historical Data Compilation UXO SURVEY OF BORROW SITE

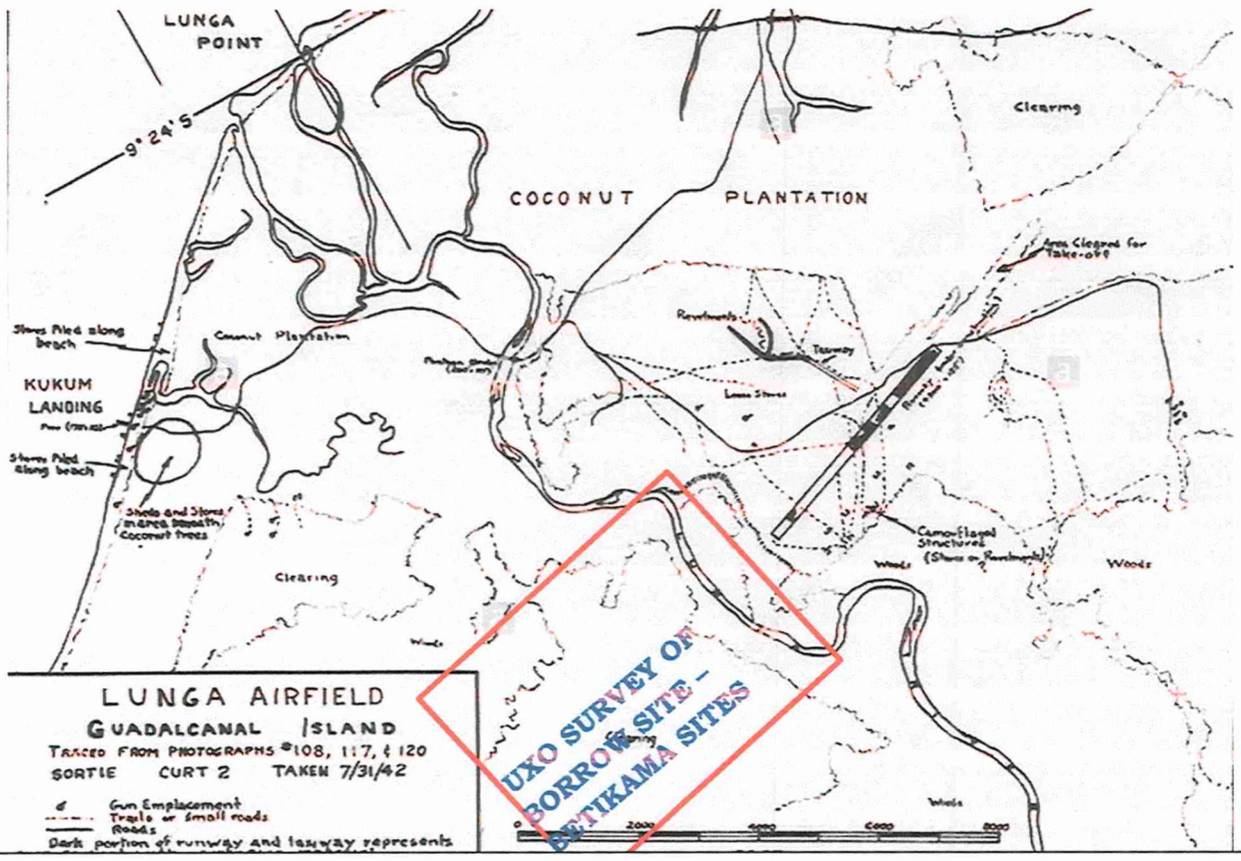
Desktop Survey		**Surveyor Responsible**		Frank Konairara Tabai	
Date of Survey Assessment	06/July/2021		**Date Assessment Complete**	11/July/2021	
ORIENTATION					
Province / Region	Guadalcanal	**Ward**	Tandai	**Population:**	14806



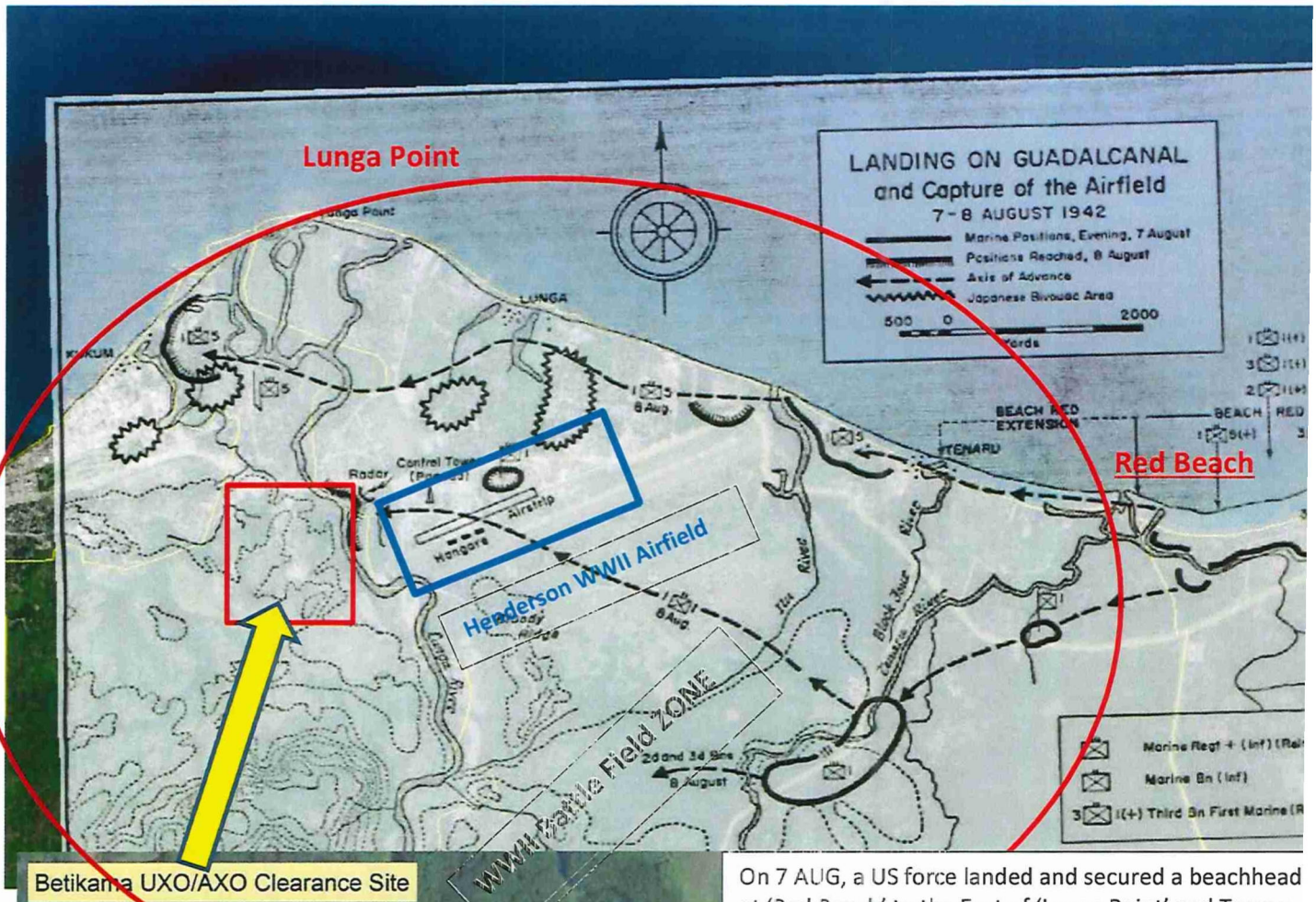
Location of Betikama Borrow Site

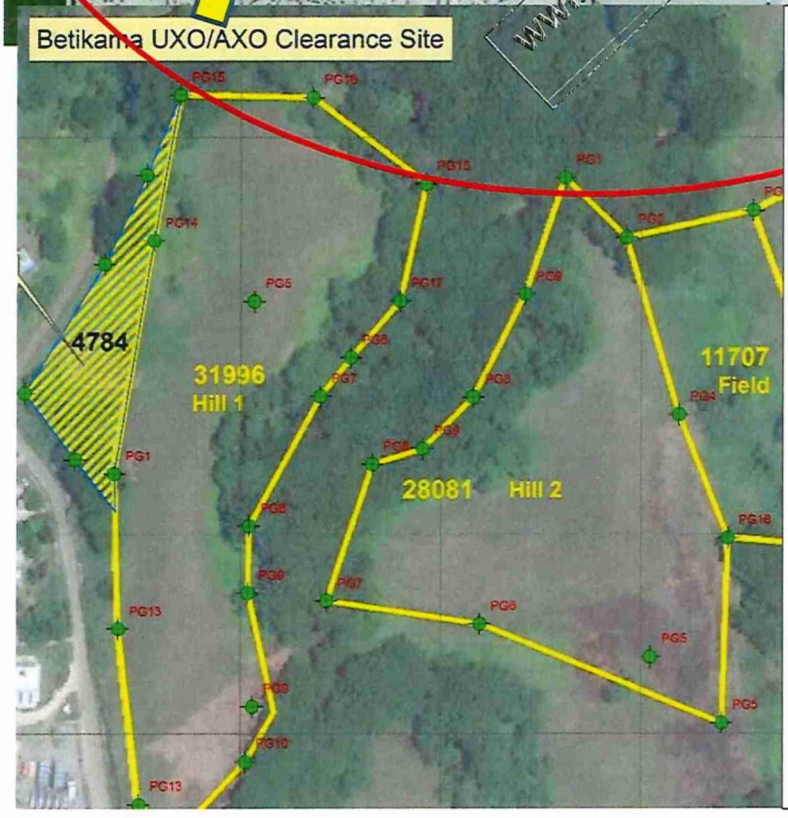


CHRONOLOGY OF SIGNIFICANT MILITARY ACTIVITIES (JUL 42 – FEB 43)
JAPANESE INVASION AND OCCUPATION (JUL 1942)



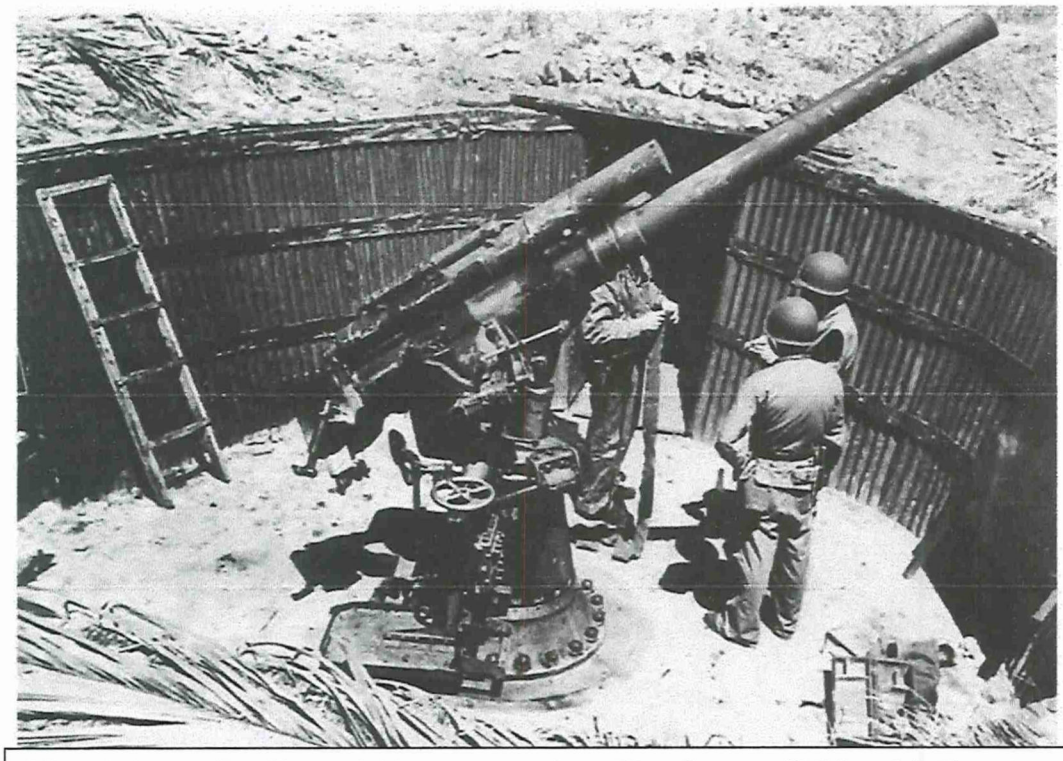
This first period of the conflict within Guadalcanal involved the Japanese establishment of an Airfield (Henderson Field) and logistics base at the Eastern Edge of Honiara in what is now known as Ranaldi Industrial Area in the Eastern end of Panatina ward. During the war it was described by the Americans as in what was then known as 'Kukum'. The Japanese selected this beach as their main landing and supply storage area for the construction of an airfield further east of the Lunga River using the existing road and river crossing. The airfield site was chosen because it was a flat plain and not covered by forest. While the coconut plantations of the coast, bridge over river and coastal road also allowed a route for transportation of goods. The Force that landed on Guadalcanal consisted mainly of construction elements Approximately 2,500 laborers – mostly Korean conscripted laborers - of the 11th and 13th Construction Unit along with Japanese soldiers and limited combat support elements including artillery. It is probable that the Japanese did not expect the Allies to attack the Airfield so quickly, as most capable infantry units were concentrated on the securing the British administrative capital at Tulagi and neighboring islands. Between 4 JULY and Aug 7 1942, the time of the American Invasion, the Japanese had successfully constructed *'large semi-permanent camps, finger wharves, bridges, machine shops, two large radio stations, ice plants, two large and permanent power plants, and elaborate air compressor plant for torpedoes",* mostly in the Kukum coastal area and around the completed Air Strip established at what is now known as 'Henderson Field'. From the map drawn from a US aerial photograph (Above TOP) we can see this general deployment: Piers for landing supplies, main supply area and camp within the coconut plantation near the coast and airfield across the Lunga river to the East. We can also see that Artillery was positioned within the cleared area to the East of the main camp and at points around the Airfield. Supply routes were via the previously constructed road between the landing/supply area and the airfield. It can be assumed that the Japanese prepared some defensive positions, however, it is likely that their focus during this period was on the construction of the airfield and they were not adequately prepared for the US attack. The below US reconnaissance photograph (Aug 1942) highlights the location of anti-aircraft positions and stores IVO Kukum Beach





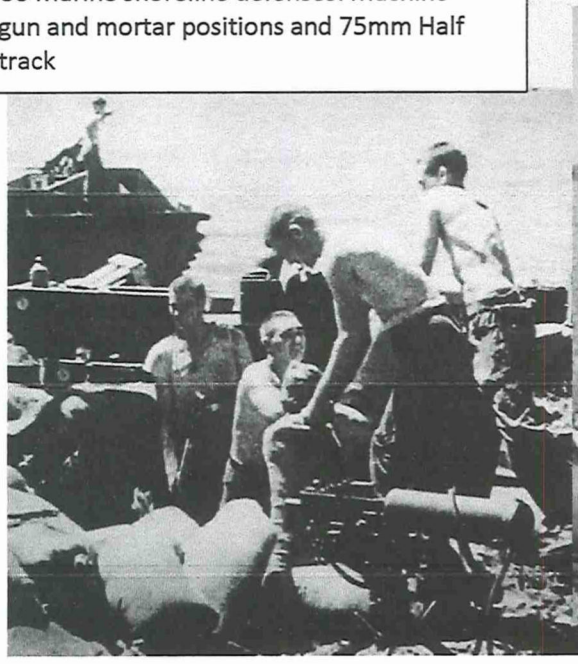
On 7 AUG, a US force landed and secured a beachhead at 'Red Beach' to the East of 'Lunga Point' and Tenaru River. 'Combat Group A' composed of approximately 11 000 soldiers including the 1st and 5th Marine Regiments, divisional artillery, and support units including engineers and support elements. There was no Japanese resistance / presence.

Spearheaded by the 5th Marine Regiment, the Americans Crossed the Lunga River at 1430 on 8 AUG and reached the abandoned 'main encampment' of the Japanese South of Kukum Beach. Japanese Forces, which had been subject to some Naval Bombardment at that location, had abandoned their camps and retreating to the West bank of Matanikao river.



The defense itself would be centered on Henderson field, with the strongest positions of the perimeter placed along the beach proper as a precaution against counter-landings. This sector was organized in two regimental subsectors. Automatic weapons were sighted for water's edge defense. .30 caliber machine guns were set up so that their final protective lines would lie along the actual edge of the beach. The heavier weapons, .50 caliber machine guns and 37mm guns, were so emplaced as to be able to deliver anti-boat fire. Emplacements were dug some distance back of the beach for the half-track 75mm, but the weapons themselves were kept mobile in readiness for movement forward to other prepared positions near the water's edge.

US Marine shoreline defenses: Machine gun and mortar positions and 75mm Half track





PROJECT PERFORMANCE & DELIVERABLES

OVERVIEW OF WORK PROGRESSION

WORK METHOD

The construction approach embraced under this Contract is labour intensive (*use of light portable tools, eg manual scanners, chainsaw, ropes, etc.*) with the support of a select few machineries (*ie. tracked excavator, backhoe loader and tipper truck*). This action may seem duplicitous however it is solely to minimize the vibratory disturbance the Site shall be subjected to since the intent of the Contractor is not to trigger any unplanned blasting incidents on site but rather to remove any and all UXO / AXO items intact for safe & proper disposal.
The search area described in this report was conducted utilizing high performance equipment for both deep and shallow search. A Large Loop Magnetometer in parallel 2 x 1 meters configuration and two (2) Magnex120 in parallel 1 x 1m configuration were used to search and scan the area. All search actions were conducted in accordance to the International Mine Action Standards and SIBAC SOP.

Site Setup

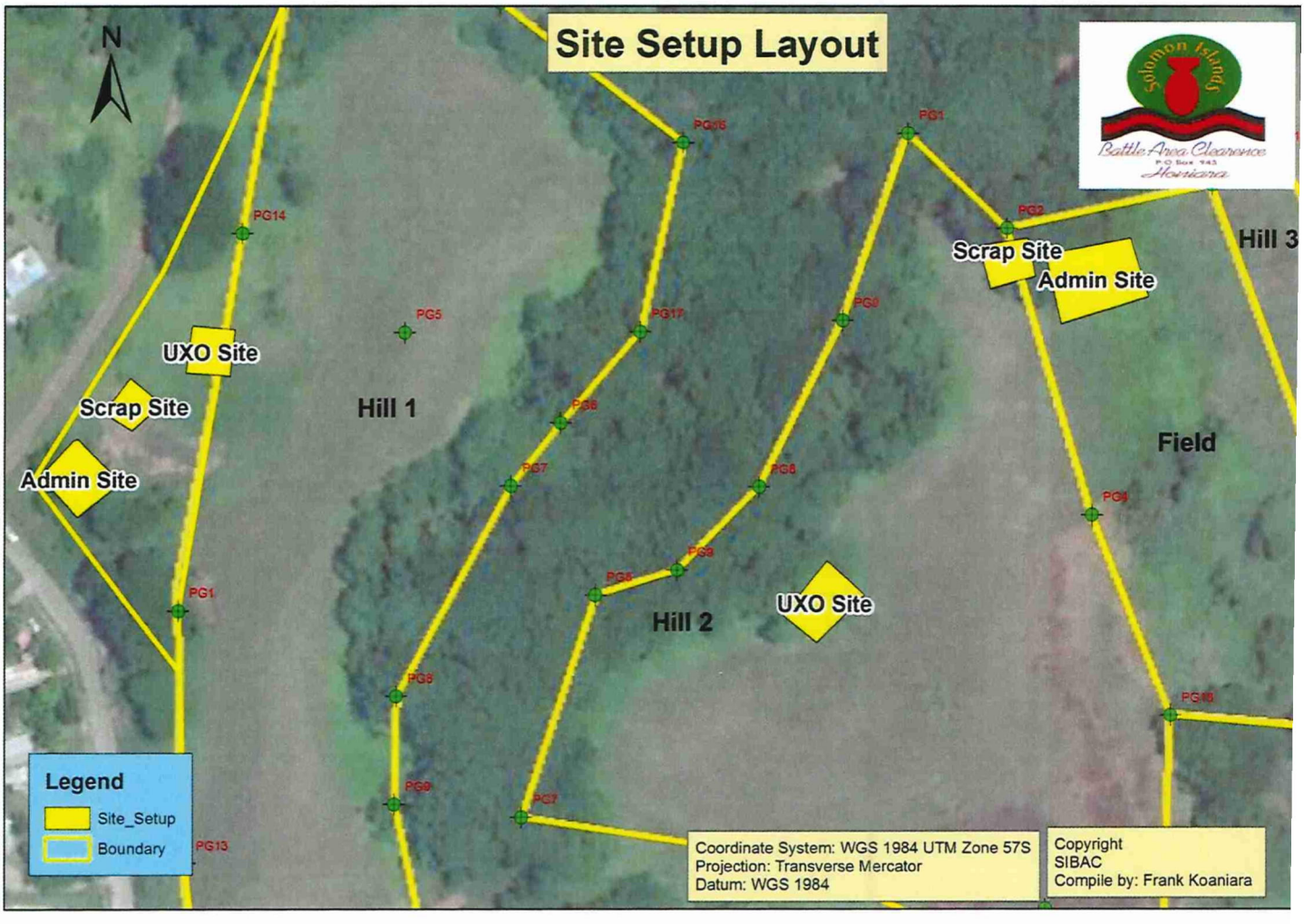
The BAC UXO/AXO SURVEY Work plan setup

Site Setup	• Identify Parking Area • Administration Area • MEDEVAC • UXO Site • Scrap Site
	• Actual UXO/AXO clearance

UXO Work flow Stage

- We do Site Survey
- We do visual Search
- Surface clearance: 0-30cm depth
- Sub-surface clearance: 30cm-6m depth
- vegetation Clearance
- Loop Scanning
- Establishing Targets
- Pin Pointing
- Manual/Excavation Digging

Site Setup Layout



Calibration Items

(1) 1 x US MK II hand grenade was placed at a depth of 30cm
(2) 1 x US 50mm projectile was placed at a depth of 40cm
(3) 1 x US 60mm mortar was placed at a depth of 50cm
(4) 1 x US 75mm projectile was placed at a depth of 70cm
(5) 1 x US 90mm projectile was placed at a depth of 1 meter

The above items were used to calibrate the two deep search magnetometers at the given depths, and are very effective and efficient. (1) Large Loop magnetometer was calibrated at the following settings – LIN – 200, THRESHOLD of 40cm from the depths of the item, whiles the Magnex 120, was set at MOD 2 sensitivity for shallow targets and MOD 3 for deep targets

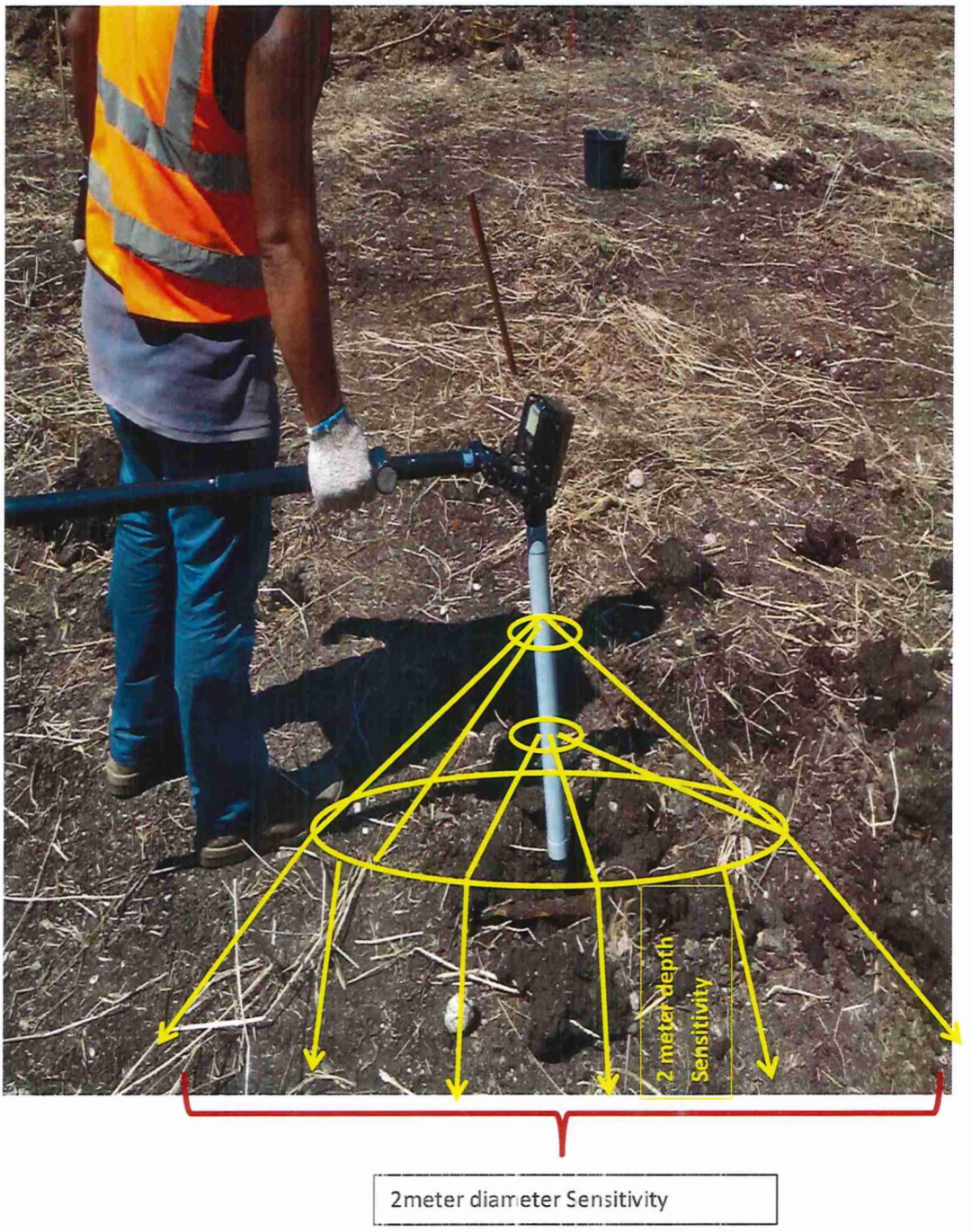
Specialized Scanning Equipment and Portable Tools Used

2 x GPS; 1 x Magnex120; 1 x Large-Loop; 1 x Laptop; 2 x Axes; 5 x Bush-, 8 x spades , 8 crowbar, knives; 5 x Coils of
Rope;

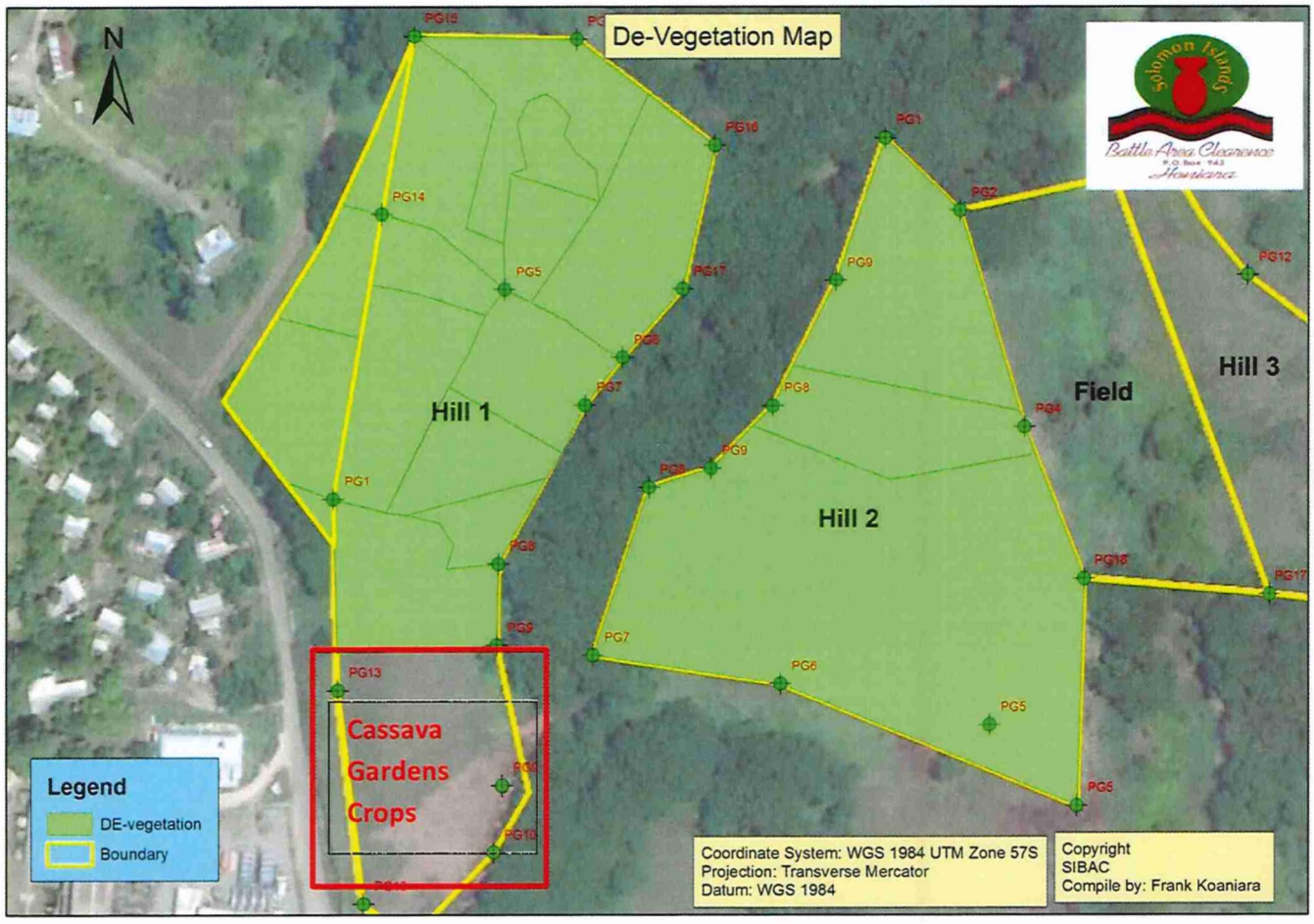
Loop Scanning method



Magnex Pin Point method



De-Vegetation Clearance

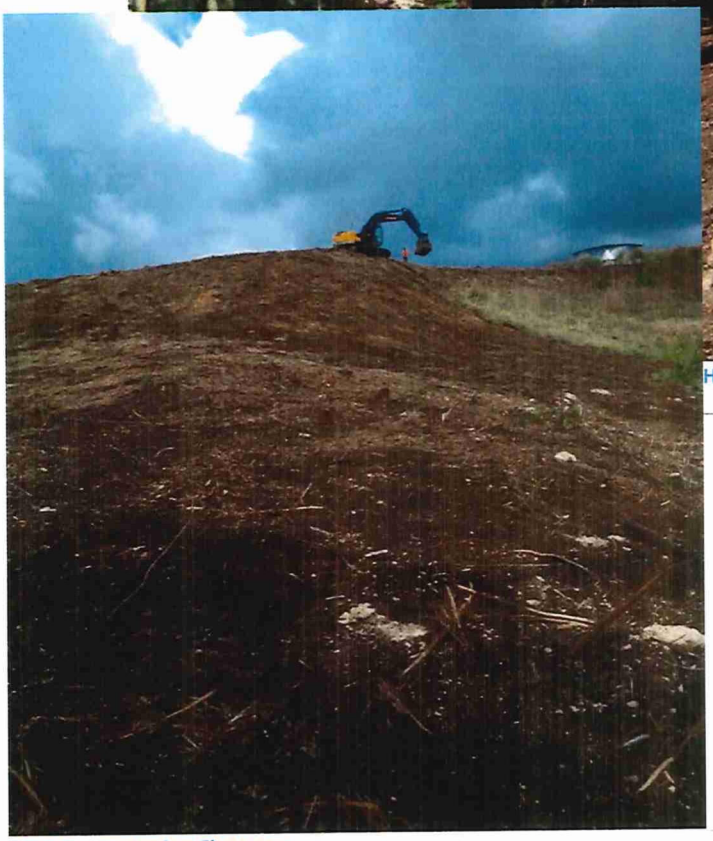


De-vegetation Clearance Hill 1 and Hill 2 Map



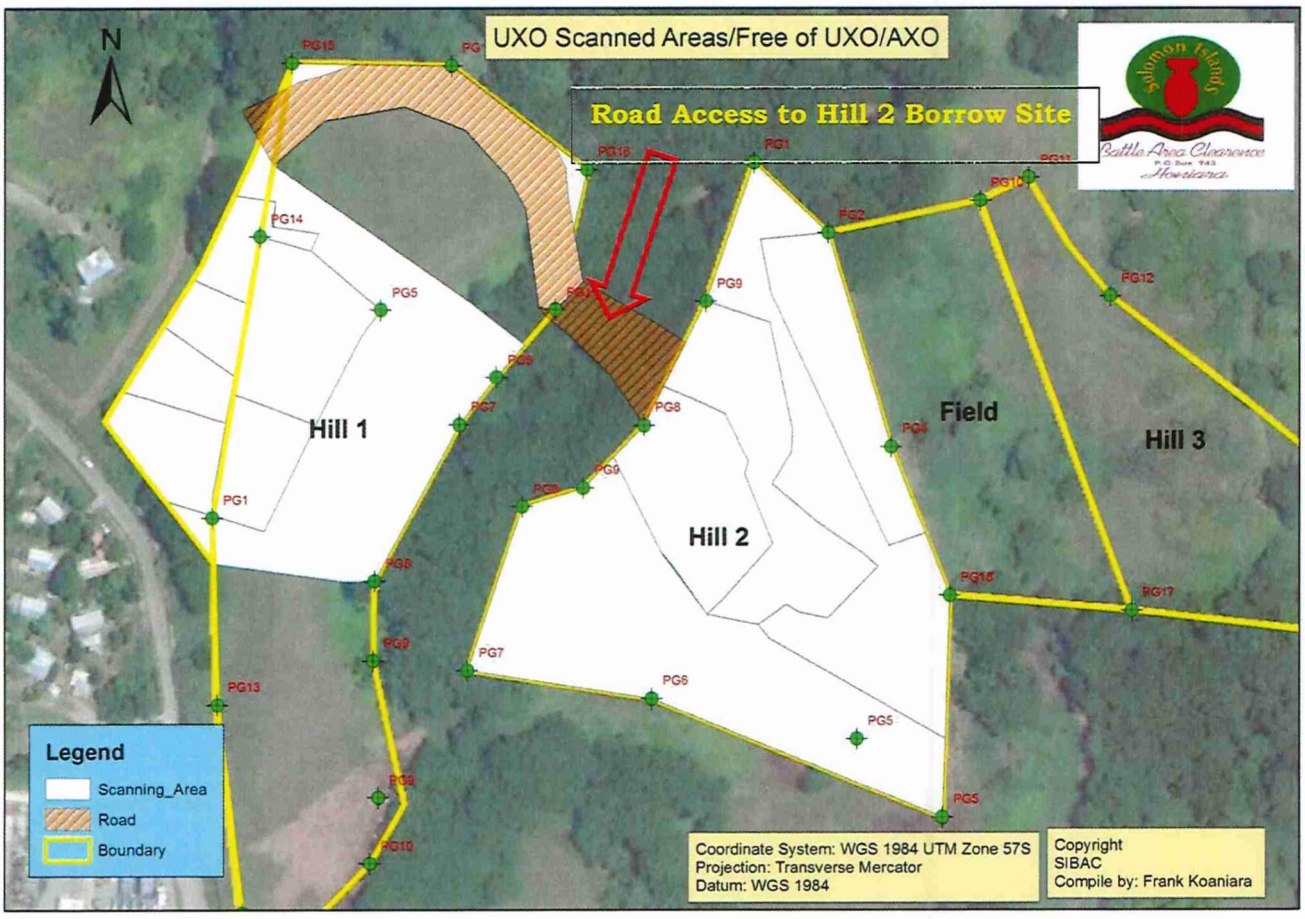


Hill 1 De-vegetation Clearance



Hill 2 De-vegetation Clearance

UXO Scanned Area



The above Map show the UXO/AXO Survey Scanning Was done, Hill 2 was total UXO Free, after the QC Team has to the Final Checks. Hill 1 is still need for internal QC before any Final QC work.

The Road Access was scanned and check by QC team and is free of UXO/AXO

- Loop Scanning
- Pin Pointing

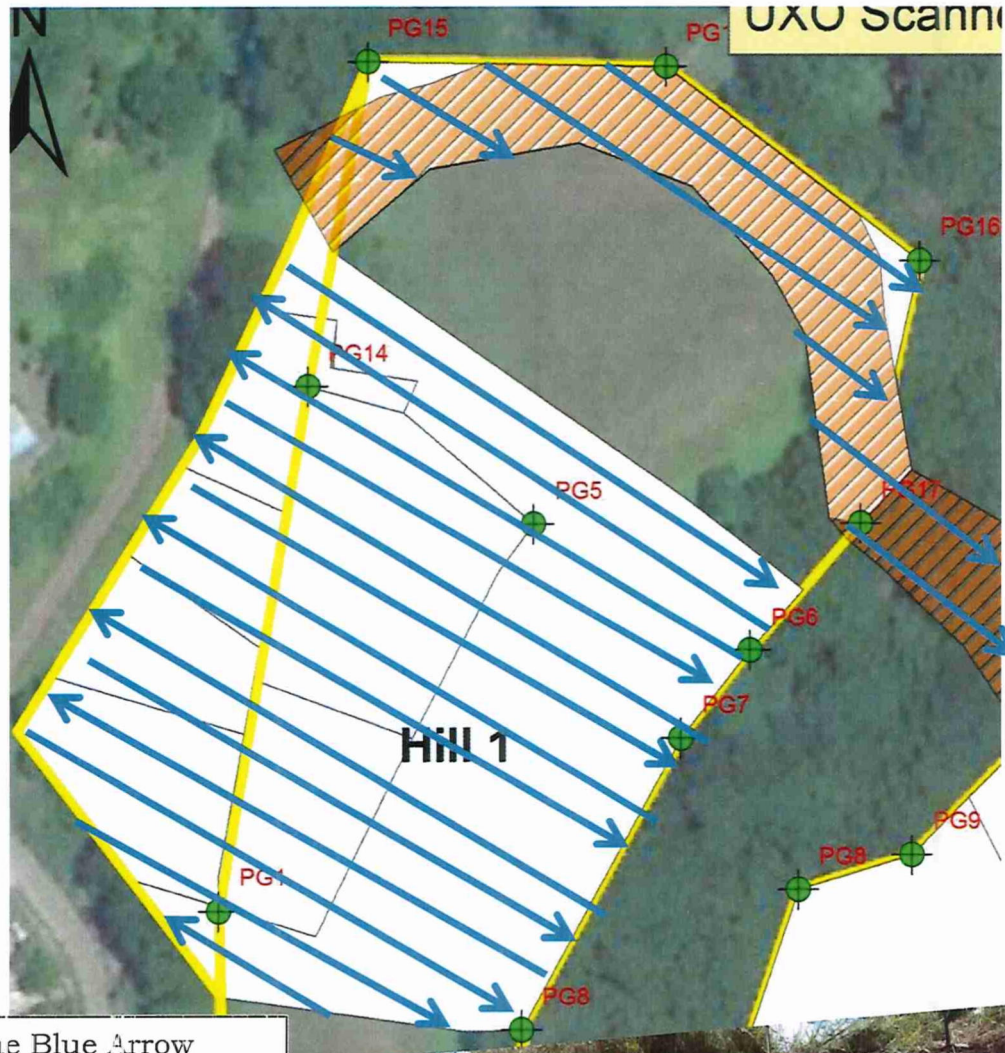




Loop Scanning on the 45 degree Slop Hill, investigating the slope hill for ERW



BAC Scanning Ordering Hill 1

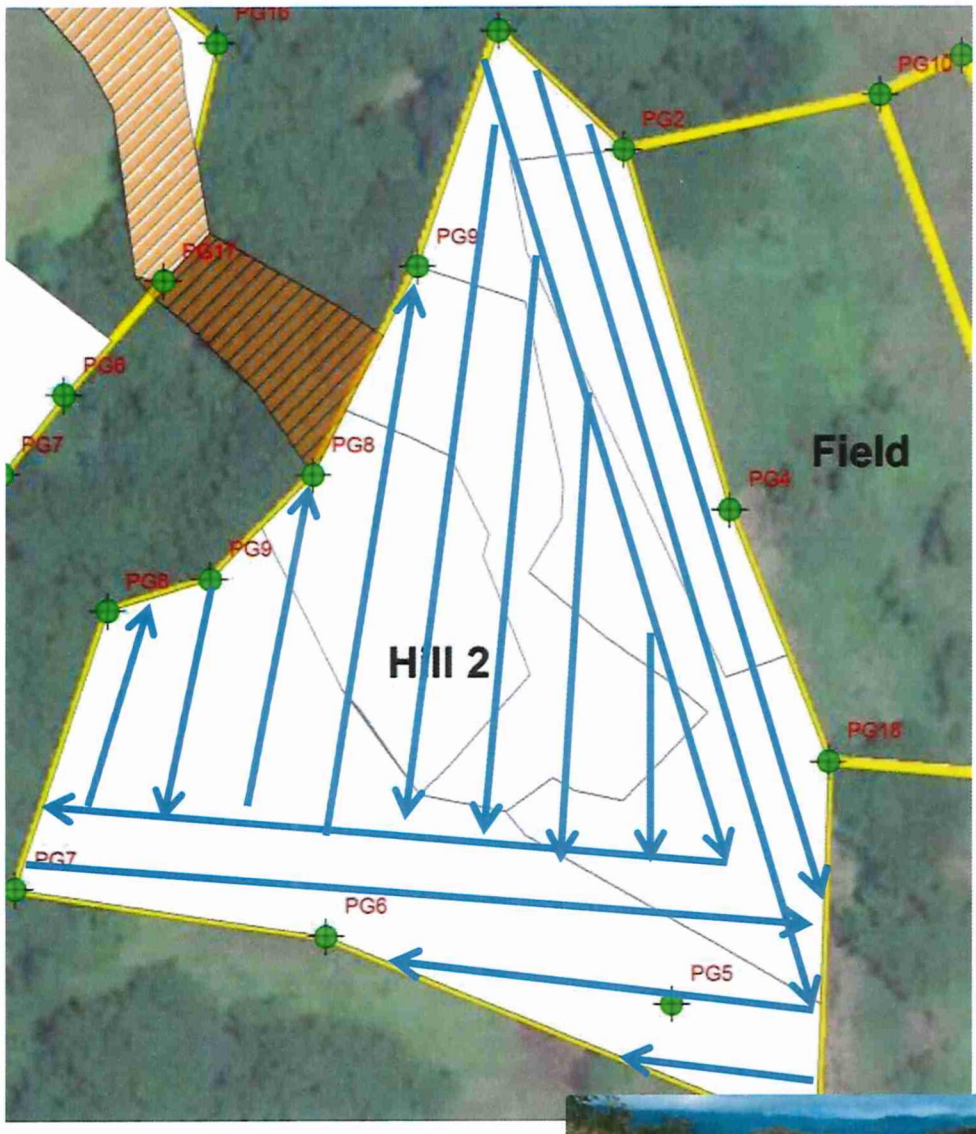


The Blue Arrow indicates the Loop Scanning parallels to each other width of 2 meter, according to Loop 2 meter width scanned arrange, up the elevation of 20 meter, on the slope of 35 degree

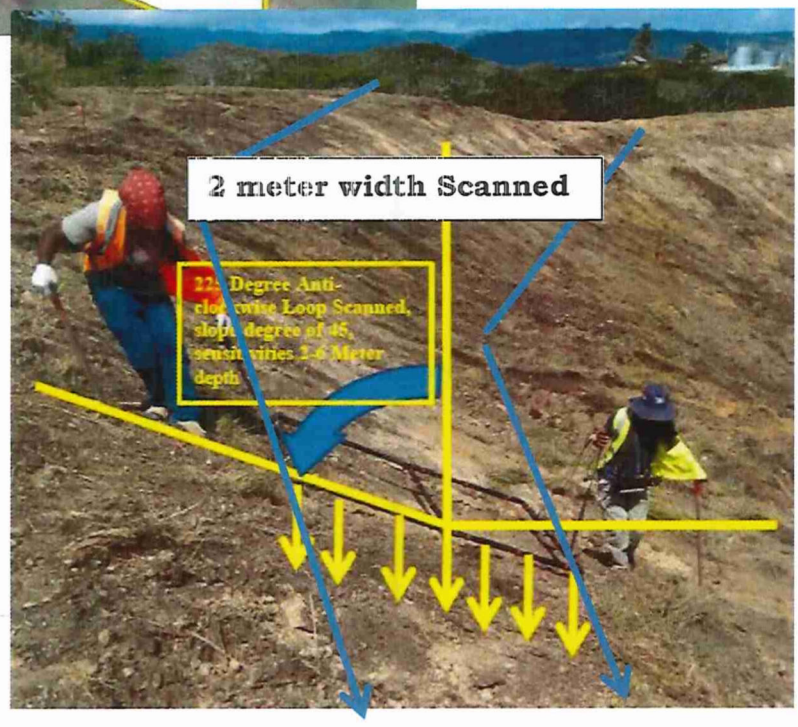


2 meter width Scanned

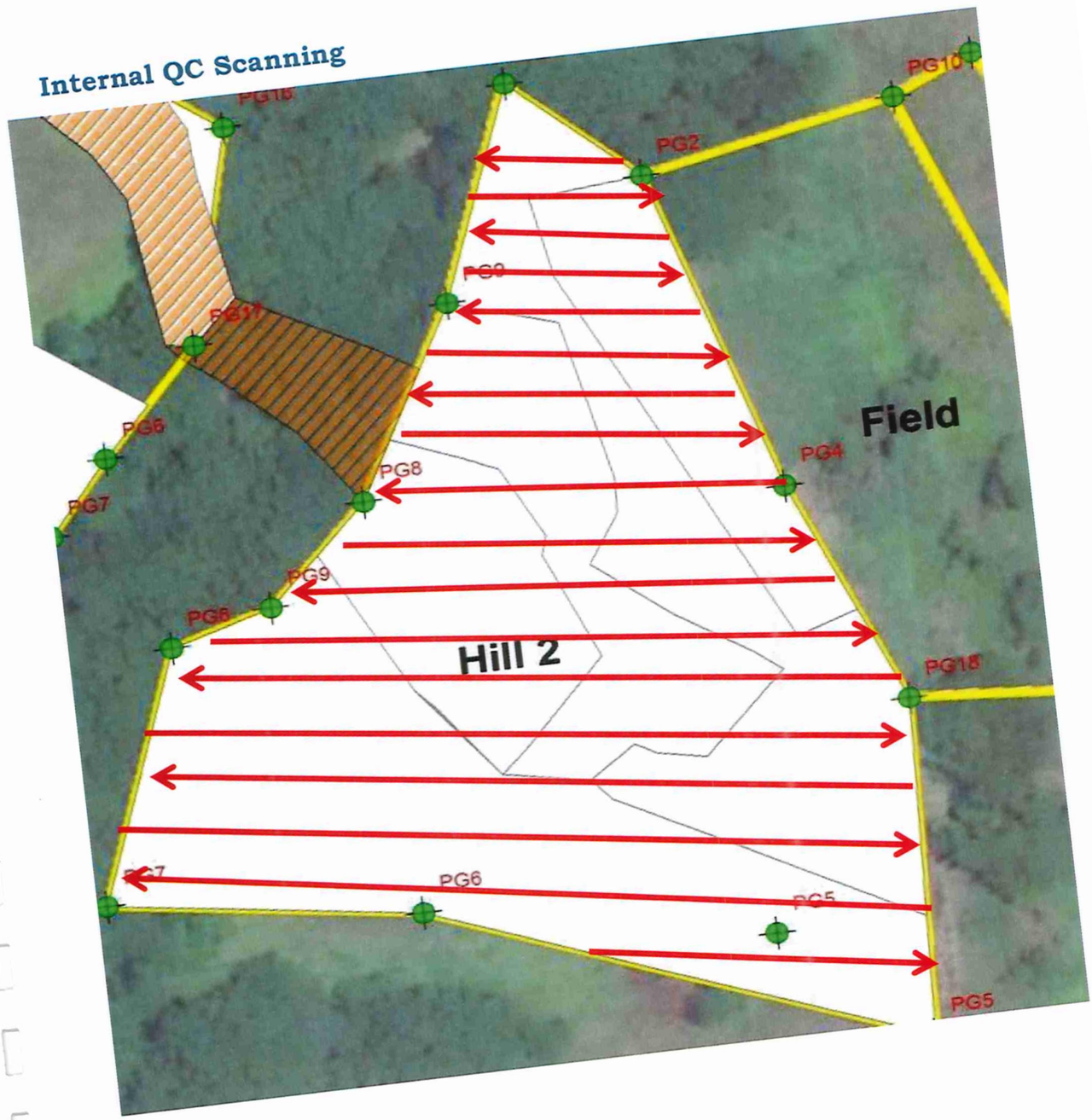
BAC Scanning Ordering Hill 2



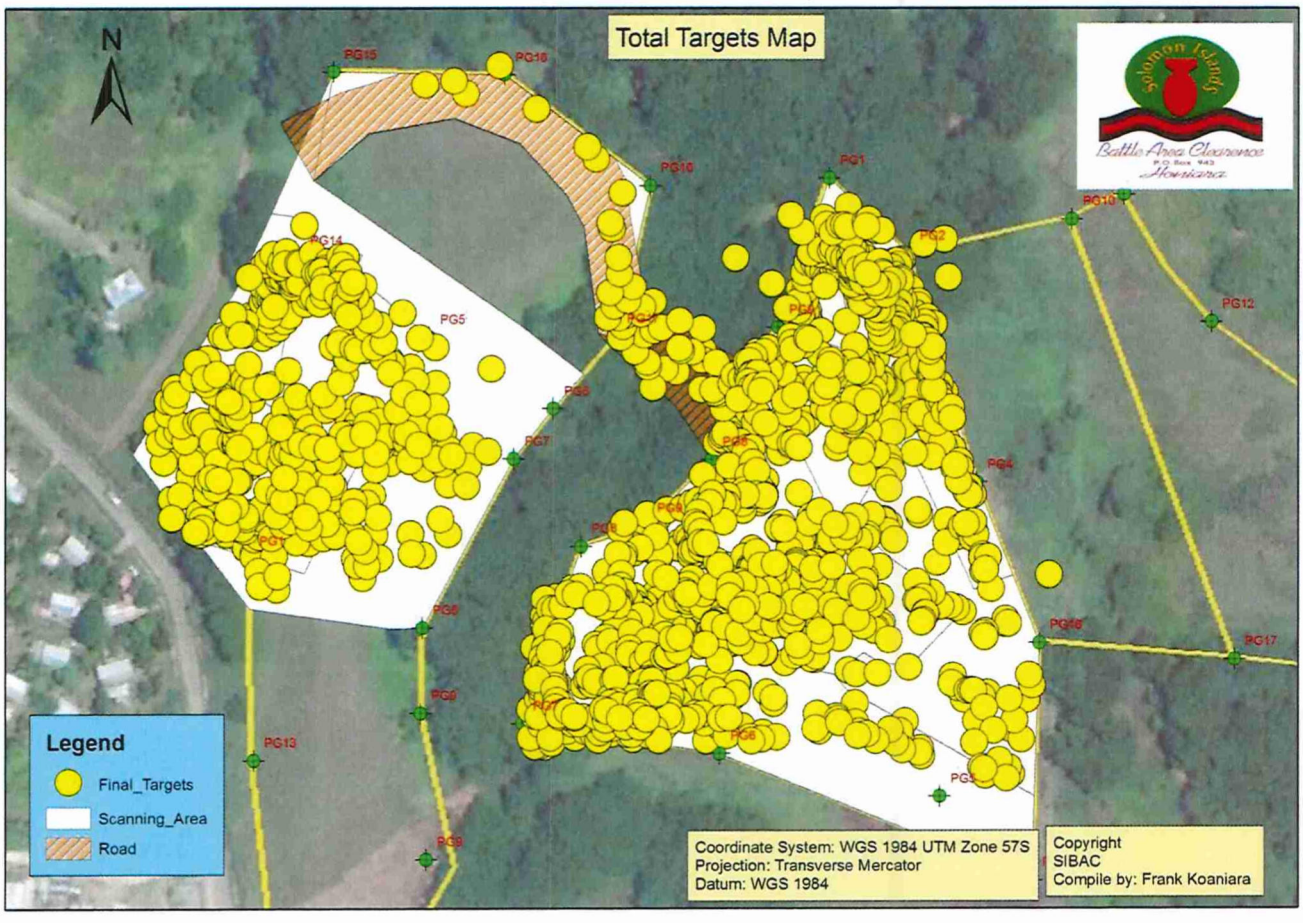
The Blue Arrow indicates the Loop Scanning angles to each other width of 2 meter, according to Loop 2 meter width scanned arrange, up the elevation of 20 meter, on the slope of 45 degree



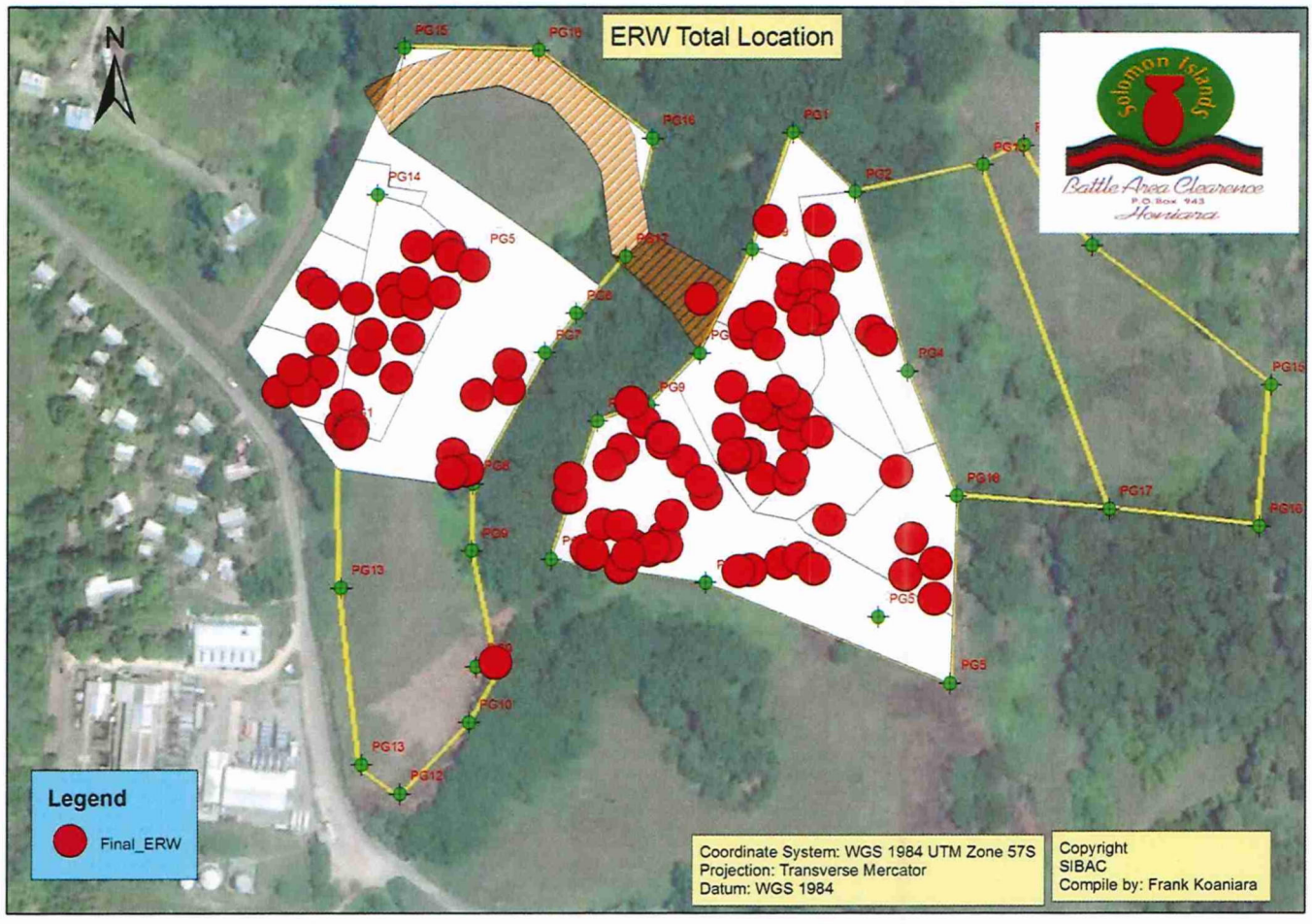
Internal QC Scanning



Total Targets investigated Map



Total ERW found Locations



Total ERW Locations: 105

Total ERW Found: 1241

Total Projectiles: 37

Total Mortar: 45

Total Grenade: 5

Other ERW: 1153

ERW Items Found

Total ERW found at Hill 2 was identify by IMAS L3 Reinhard Alalo and ready for EOD hell Point Team for Collection and safe remove for disposal by EOD Experts

- 44 x US 60mm Mortar M49A2 - HE
- 5 x US Hand Grenade Mk2 - HE
- 12 x US 90mm Projectile M71 HE and 1x AP
- 5x US 105mm Projectile M1 HE
- 3xUS 37mm Projectile M54 HE
- 28 x US TSQ FUSE
- 10 x PD FUSE
- 151 x US 9mm Bullets





ERW Found at Hill 2







90mm Projectile and 81mm Mortar

ERW Found at Hill 1





941 x 303, 5.56mm Bullets

EOD Team

EOD Team Transport UXO/AXO to Safe place for Disposal

EOD Team UXO collection







UXO Loaded into EOD safety vehicle

Final NEQ record information of ERW Projectiles Found at Betikama

UXO NEQ information

- **Total NEQ ERW: 86**
- **Total NEQ(kg): 61.74**
- **Total NEQ(lbs): 136.00**
- **Total NEQ(US Ton): 0.07**

Heavy Equipment Used

3 x Hired Excavator

On-Site Personnel:

SIBAC Personnel:
1 x IMAS 3 Supervisor; 2 x IMAS 3 Operators; 1 x GIS Technician/IMSMA/IM; 20 x Assistant Operators(experience only); 1 x Logistic Officer; 1 x Cook;

TRGC Personnel:

1 x Heavy Plant Operator; 2 x Spotters;

Information Management Platform

- Information Management System for Mine Action (IMSMA)
- ArcGIS for Survey Mapping
- Quantum GIS (QS) inter-Data change

SAFETY MANAGEMENT PRACTICE

Though not explicitly stated in the Contractor's Obligation under the Contract Agreement, nor is it a specific Pay Item, Safety practice was strictly adhered to at all times during working times, be it day or night.
For instance;

- The work area was well cordoned-off from the public using hazard tapes, ensuring that the public was fully aware that hazardous work activity was taking place within the cordoned areas;
- A clear communication channel existed between the Contractor andthe OIC of the RSIP's EOD at all times;
- All personnel were properly attired in proper safety PPE;
- A mechanically sound vehicle was onsite at all times during the entire duration of the work;

ENVIRONMENTAL MANAGEMENT PRACTICE

In consonance with good work practice and a little bit of common sense, environmental friendly work methods were strictly adhered to at all times during working times, be it day or night. It must be noted that an inherent attribute to all field operation activities is that trees shall be cut down; the soil shall be disturbed; there shall be noise & dust and so on and so forth. Such disturbance to the natural and built environment is just unavoidable.
What is of importance is that during all field operation, all effort within physical & financial means is taken to minimize the impact/effect of all field operational activities on its surroundings, be it natural and/or man-made.

CONCLUSION

- The UXO Clearance was done
- All the UXO/AXO was identify and Removed by our Level 3 IMAS Personal.
- The **identification and reporting** of Explosive Munitions [UXO/AXO] from triggered occurrences to RSIP EOD for proper transfer & subsequent disposal;
- Issuance of a **UXO Clearance Certificate** deeming the Site as "Safe" for intended purpose only.

The above listed have been done in accordance with the Contract's Scope of Works.

APPENDIX A – Betikama ERW DATA SHEET

DATA SHEET OF ERW Ammunition NEQ Record



SIBAC Ammunition NEQ Record

E	N	Origin	ERW	NEQ (grams)	QTY	Total NEQ	Details	RSIPF
612998	8957027	USA	90mm Proectile M71 - HE		1		UXO AN-MK 219	✓
612844	8957030	USA	90mm Proectile M71 - HE		1		UXO AN-MK 219	✓
61866	8957057	USA	90mm Proectile M71 - HE		1		UXO AN-MK 219	✓
612844	8957032	USA	90mm Proectile M71 - HE		2		UXO AN-MK 219	✓
612841	8957043	USA	105mm Projectile M1 - HE		1		AXO Fuzed	✓
612808	8957050	USA	105mm Projectile M1 - HE		1		AXO Fuzed	✓
612876	8957123	USA	105mm Projectile M1		1		AXO Fuzed	✓

			- HE					
612891	8957123	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
612904	8957113	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
612875	8957104	USA	81mm Mortar M43A1 - HE		1		AXO Fuzed	✓
612890	8957100	USA	37mm Projectile M54 - APC		1		AXO Fuzed	✓
612912	8957044	USA	105mm Projectile M1 - HE		1		AXO Fuzed	✓
612894	8957010	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
612901	8957011	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
612827	8957060	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
612830	8957100	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
612906	8957049	USA	37mm Projectile M54 - APC		1		AXO Fuzed	✓
613106	8957076	USA	60mm Mortar M49A2 - HE		44		AXO Fuzed	✓
613106	8957081	USA	Hand Grenade Mk2 - HE		3		AXO Fuzed	✓
613088	8957118	USA	20mm Projectile Mk 1 - HE		1		AXO Fuzed	✓
613051	8957135	USA	105mm Projectile M1 - HE		1		AXO Fuzed	✓
613075	8957108	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613074	8957087	USA	90mm Proectile M71 -		1		AXO Fuzed	✓

			HE					
613074	8957039	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613064	8957044	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613058	8957049	USA	105mm Projectile M1 - HE		1		AXO Fuzed	✓
613050	8957074	USA	105mm Projectile M1 - HE		1		AXO Fuzed	✓
613058	8957049	USA	105mm Projectile M1 - HE		1		AXO Fuzed	✓
613075	8957108	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613074	8957087	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613074	8957030	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613058	8957051	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613039	8957080	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613056	8957064	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
613063	8957013	USA	90mm Proectile M71 - HE		1		AXO Fuzed	✓
612989	8957035	USA	Hand Grenade Mk2 - HE		1		AXO Fuzed	✓
612977	8956963	USA	Hand Grenade Mk2 - HE		1		AXO Fuzed	✓
612961	8956971	USA	37mm Projectile - HE M63		1		AXO Fuzed	✓
613066	8956967	USA	37mm Projectile - HE		1		AXO Fuzed	✓

			M63					
613036	8956961	USA	37mm Projectile - HE M63		1		AXO Fuzed	✓
613057	8956965	USA	105mm Projectile M1 - HE		1		AXO Fuzed	✓
			Total Items	**86**				
			Total NEQ (kg)	**61.74**				
			Total NEQ (lbs)	**136.00**				
			Total NEQ (US ton)	**0.07**				

DATA SHEET OF all ERW Ammunition

CODE_ID	Model	Quantity	Country	Category	Comment	Date_Found	Easting	Northing
BTK1	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/22/2021	612894	8957019
BTK2	FD FUZE	1	US	FUZE	Removed	7/8/2021	612839	8957034
BTK3	105mm Projectile M1 - HE	1	US	Projectile	Removed	8/22/2021	613057	8956965
BTK4	37mm Projectile - HE M63	1	US	Projectile	Removed	8/22/2021	613066	8956967
BTK5	90mm CASING	1	US	Projectile	Removed	8/22/2021	613073	8956962
BTK6	FUZE M54 TSQ	1	US	FUZE	Removed	8/22/2021	613042	8956962
BTK7	37mm Projectile - HE M63	1	US	Projectile	Removed	8/22/2021	613036	8956961
BTK8	PD FUZE	1	US	FUZE	Removed	8/20/2021	612983	8956974
BTK9	PD FUZE	1	US	FUZE	Removed	8/20/2021	612999	8956978
BTK10	PD FUZE	1	US	FUZE	Removed	8/20/2021	613000	8956973
BTK11	.762 Cart	1	US	SAA	Removed	8/20/2021	612991	8956971
BTK12	PD FUZE	1	US	FUZE	Removed	8/20/2021	612994	8956973
BTK13	Hand Grenade Mk2 - HE	1	US	Grenade	Removed	8/20/2021	612977	8956963
BTK14	FUZE	1	US	FUZE	Removed	8/20/2021	612952	8956997
BTK15	PD FUZE	1	US	FUZE	Removed	8/20/2021	612952	8956998
BTK16	PD FUZE	1	US	FUZE	Removed	8/20/2021	612952	8957007
BTK17	37mm Projectile - HE M63	1	US	Projectile	Removed	8/20/2021	612961	8956971
BTK18	PD FUZE	1	US	FUZE	Removed	8/20/2021	612963	8956970

BTK19	9MM CUT BALL	151	US	SAA	Removed	8/20/2021	613081	8956987
BTK20	Hand Grenade Mk2 - HE	1	US	Grenade	Removed	8/19/2021	612989	8957035
BTK21	PD FUZE	1	US	FUZE	Removed	8/19/2021	613031	8957031
BTK22	PD FUZE	1	US	FUZE	Removed	8/19/2021	613002	8956989
BTK23	PD FUZE	1	US	FUZE	Removed	8/19/2021	612978	8957021
BTK24	PD FUZE	1	US	FUZE	Removed	8/19/2021	612982	8957045
BTK25	PD FUZE	1	US	FUZE	Removed	8/19/2021	612968	8956984
BTK26	PD FUZE	1	US	FUZE	Removed	8/19/2021	612977	8956984
BTK27	PD FUZE	1	US	FUZE	Removed	8/19/2021	612972	8957014
BTK28	PD FUZE	1	US	FUZE	Removed	8/19/2021	612981	8956969
BTK29	50 CAL	1	US	SAA	Removed	8/18/2021	613118	8956959
BTK30	PD FUZE	1	US	FUZE	Removed	8/18/2021	613008	8957016
BTK31	PD FUZE	1	US	FUZE	Removed	8/18/2021	613020	8957000
BTK32	PD FUZE	1	US	FUZE	Removed	8/18/2021	613017	8957006
BTK33	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/12/2021	613039	8957080
BTK34	PD FUZE	1	US	FUZE	Removed	8/13/2021	613032	8957053
BTK35	PD FUZE	1	US	FUZE	Removed	8/13/2021	613039	8957084
BTK36	.762 Cart	1	US	SAA	Removed	8/13/2021	613017	8957097
BTK37	50 CAL	1	US	Projectile	Removed	8/13/2021	613052	8957039
BTK38	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/13/2021	613056	8957046
BTK39	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/13/2021	613063	8957028

BTK40	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/13/2021	613063	8957039
BTK41	PD FUZE	1	US	FUZE	Removed	8/13/2021	613041	8957019
BTK42	105mm Projectile M1 - HE	1	US	Projectile	Removed	8/13/2021	613048	8957007
BTK43	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/13/2021	613061	8957007
BTK44	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/13/2021	613063	8957013
BTK45	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/13/2021	613039	8957019
BTK46	50 CAL	1	US	SAA	Removed	8/13/2021	613034	8957018
BTK47	PD FUZE	1	US	FUZE	Removed	8/13/2021	613034	8957019
BTK48	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/13/2021	613044	8957043
BTK49	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/10/2021	613075	8957108
BTK50	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/11/2021	613074	8957087
BTK51	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/11/2021	613074	8957030
BTK52	105mm Projectile M1 - HE	1	US	Projectile	Removed	8/11/2021	613058	8957049
BTK53	90mm Proectile M71 - HE	1	US	Projectile	Removed	8/11/2021	613064	8957044
BTK54	50 CAL	1	US	SAA	Removed	8/11/2021	613046	8957087
BTK55	PD FUZE	1	US	FUZE	Removed	8/11/2021	613061	8957098
BTK56	PD FUZE	1	US	FUZE	Removed	8/11/2021	613062	8957106
BTK57	PD FUZE	1	US	FUZE	Removed	8/11/2021	613073	8957104
BTK58	PD FUZE	1	US	FUZE	Removed	8/11/2021	613072	8957093
BTK59	PD FUZE	1	US	FUZE	Removed	8/11/2021	613077	8957092
BTK60	PD FUZE	1	US	FUZE	Removed	8/11/2021	613068	8957087

BTK61	105mm Projectile M1 - HE	1	US	Projectile	Removed	8/11/2021	613050	8957074
BTK62	PD FUZE	1	US	FUZE	Removed	8/10/2021	613133	8956965
BTK63	.762 Cart	1	US	SAA	Removed	8/10/2021	613133	8956947
BTK64	PD FUZE	1	US	FUZE	Removed	8/10/2021	613121	8956977
BTK65	PD FUZE	1	US	FUZE	Removed	8/9/2021	613075	8957136
BTK66	20mm Projectile Mk 1 - HE	1	US	Projectile	Removed	8/9/2021	613088	8957118
BTK67	Hand Grenade Mk2 - HE	1	US	Grenade	Removed	8/9/2021	613102	8957081
BTK68	60mm Mortar M49A2 - HE	44	US	Mortar	Removed	8/9/2021	613106	8957076
BTK69	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/27/2021	613058	8957051
BTK70	PD FUZE	1	US	FUZE	Removed	8/10/2021	613133	8956965
BTK71	.762 Cart	1	US	SAA	Removed	8/10/2021	613133	8956947
BTK72	PD FUZE	1	US	FUZE	Removed	8/10/2021	613114	8957011
BTK73	PD FUZE	1	US	FUZE	Removed	8/10/2021	613121	8956977
BTK74	105mm Projectile M1 - HE	1	US	Projectile	Removed	8/10/2021	613051	8957135
BTK75	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/11/2021	612827	8957060
BTK76	FUZE	1	US	FUZE	Removed	7/12/2021	612829	8957076
BTK77	.762 Cart	1	US	SAA	Removed	7/12/2021	612825	8957104
BTK78	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/12/2021	612830	8957100
BTK79	FUZE	1	US	FUZE	Removed	7/12/2021	612846	8957097
BTK80	37mm Projectile M54 - APC	1	US	Projectile	Removed	7/12/2021	612906	8957049
BTK81	PD FUZE	1	US	FUZE	Removed	7/12/2021	612922	8957052

BTK82	PD FUZE	1	US	FUZE	Removed	7/12/2021	612922	8957064
BTK83	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/12/2021	612901	8957011
BTK84	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/12/2021	612894	8957010
BTK85	.762 Cart	4	US	SAA	Removed	7/12/2021	612864	8957102
BTK86	105mm Projectile M1 - HE	1	US	Projectile	Removed	7/7/2021	612808	8957050
BTK87	PD FUZE	1	US	FUZE	Removed	7/7/2021	612872	8957077
BTK88	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/8/2021	612891	8957123
BTK89	303. 5.56mm Bullets	941	US	SAA	Removed	7/8/2021	612866	8957095
BTK90	105mm Projectile M1 - HE	1	US	Projectile	Removed	7/8/2021	612876	8957123
BTK91	PD FUZE	1	US	FUZE	Removed	7/8/2021	612876	8957094
BTK92	81mm Mortar M43A1 - HE	1	US	Mortar	Removed	7/8/2021	612875	8957104
BTK93	37mm Projectile M54 - APC	1	US	Projectile	Removed	7/8/2021	612890	8957100
BTK94	PD FUZE	1	US	FUZE	Removed	7/8/2021	612893	8957118
BTK95	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/8/2021	612904	8957113
BTK96	105mm Projectile M1 - HE	1	US	Projectile	Removed	7/7/2021	612841	8957043
BTK97	PD FUZE	1	US	FUZE	Removed	7/7/2021	612842	8957029
BTK98	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/7/2021	612866	8957057
BTK99	PD FUZE	1	US	FUZE	Removed	7/7/2021	612850	8957066
BTK100	9MM CUT BALL	1	US	SAA	Removed	7/7/2021	612854	8957079
BTK101	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/7/2021	612844	8957032
BTK102	90mm Proectile M71 - HE	1	US	Projectile	Removed	7/6/2021	612998	8957027

BTK103	PD FUZE	1	US	FUZE	Removed	7/6/2021	612915	8956916
BTK104	PD FUZE	1	US	FUZE	Removed	7/6/2021	612829	8957060
BTK105	90mm Projectile M71 - HE	1	US	Projectile	Removed	7/6/2021	612844	8957030

Report Approved by: Reinhard Alalo

(SIBAC, Director)

Report Submitted by: Frank Konairara Tabai

(SIBAC, Information Manager-IM)