

**Series: AWM95**  
Australian Army commanders' diaries  
[Vietnam]

Engineer units

**Item number: 4/2/76**

**Item: 1 Field Squadron**

Narrative

Annexes

[1-31 Oct 1971]

**SECRET**

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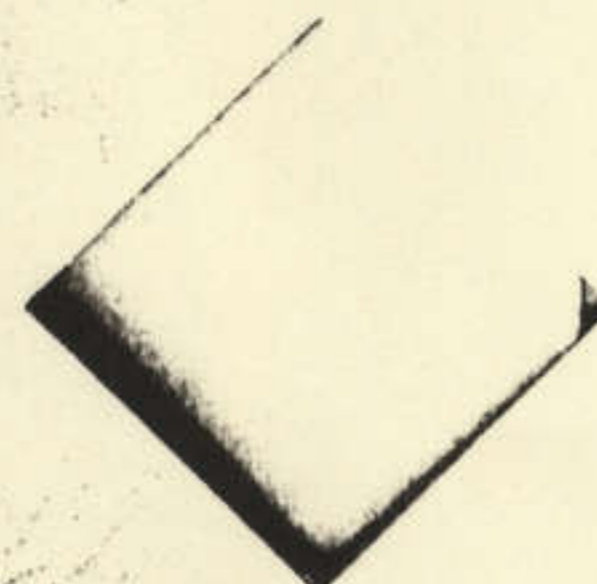
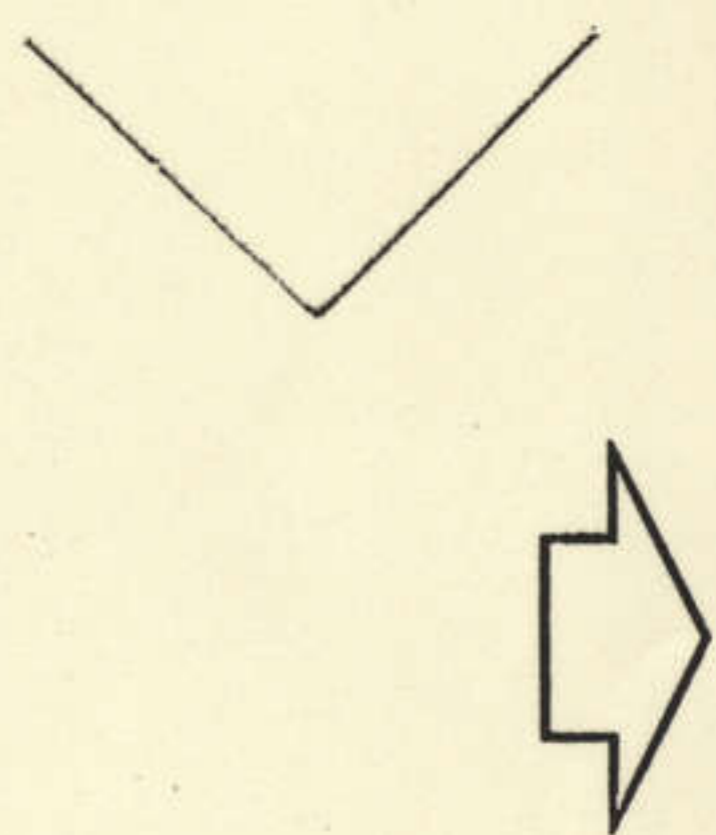
AWM 95 [4/2/Oct 71]

1 FD 50N

(BRANCH/DIRECTORATE)

**WORKING PAPERS  
TO BE PASSED BY HAND**

OCT 71



**NOTE:**

All official correspondence must be attached to the Central Registry file.

The inside front cover of the Central Registry file must bear reference to the existence and normal location of these papers.

**SUBJECT:** .....

NOT A REGISTRY FILE

THESE PAPERS ARE USUALLY HELD BY ..... (Appointment) AND ARE TO BE RETURNED TO HIM ON COMPLETION OF ACTION.

BRANCH/DIRECTORATE RE  
AHQ FILE: / /

COVERING LETTER

Reference No. ....

To: OIC, Military History Section, AHQ.

1. I enclose Commanders Diary (AF C 2118) (Adapted) as indicated at Part 2.

2. Please return receipt below.

8/11/71 (Signature) Appointment 2IC 1<sup>st</sup> Fd Sqn RAE (OC Unit or senior staff officer)

SECRET

ORIGINAL } Strike out where
DUPLICATE } not applicable

COMMANDERS DIARY

OF

Unit or Formation 1<sup>st</sup> Fd Sqn GP RAE

From 1 Oct 71 To 31 Oct 71

INDEX

Narrative (AF C 2118)

ANNEXES

- \* A Duty officer's log
\* B Messages connected with log
C Operation orders and instructions issued
D Operation orders and instructions received
\* E Sitreps issued
F Orders of battle and location reports issued
G Intelligence reports and summaries issued; appreciations made
H Administrative orders and instructions issued
I Administrative orders and instructions received
J Administrative reports and bulletins; ammunition returns; field strength returns
\* K Standing orders issued
L Commander's policy and demi-official letters
M Action reports (if required)
N Other papers, eg, maps and diagrams, air photos, reports from sub units
O Periodical summaries of operations
Z Top Secret Supplementary Diary

Enclosure Numbers

to
to
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\* Only to be included during operations.
† Cross out whichever is not applicable.

† NIL
† RETAINED
† Despatched to
on.....

PART 3

COMMANDERS DIARIES  
INSTRUCTIONS

AIM

1. The aim of a Commanders Diary is to provide data on which to base future improvements in Army training, equipment, organization and administration, and to furnish historians with a record of the activities of units and formations in operational and non-operational periods in peace and in war.

GENERAL

2. Entries are to be made daily on AF C 2118 (Adapted) each entry being initialled by the officer detailed to keep it.

3. Commanders Diaries will conform with the rules for drafting orders given in "Staff Duties (Australia)" Chapter 2, Section 12.

RESPONSIBILITY

During Non-operational Periods

4. A Commanders Diary is to be compiled by commanders of all formations.

During Operational Periods (1)

- 5. A Commanders Diary is to be compiled in duplicate by:
  - a. Commanders of all formations.
  - b. Each branch of the staff at formation headquarters commanded by a brigadier or above.
  - c. Heads of services not below the rank of lieutenant colonel.
  - d. Personal staffs and officers holding special appointments.
  - e. Unit commanders.
  - f. Commanders of a detachment of a unit when so ordered.

COMPILATION

- 6. Both original and duplicate copies are to consist of:
  - a. Cover (AF C 2119) (Adapted).
  - b. Index as printed on cover.
  - c. Narrative (AF C 2118) (Adapted).
  - d. Annexes as shown in the Index.

7. All details of the unit or formation (if a detachment is concerned, the name of the parent unit), period covered and enclosure numbers of the annexes are to be shown on the cover. If there has been a change of command since the last report, the date of assumption by the new commanding officer is to be included.

8. The annexes are to be assembled in the groups shown on the cover. If there are no enclosures for an annex NIL will be entered on the cover. If additional annexes are convenient for a particular headquarters, starting at B.

for operations form Annex "Z", "TOP SECRET" the document. It is to be prepared and disposed of as

CONTENTS

as well as map references), establishment, equipment

l orders given.

the day's fighting, including company movements.

Commander with regard to equipment, tactics, organization

of special importance.

of officers, men and equipment.

of equipment captured.

of personnel employed in the time not accounted for. The type of

and to save work as much information as possible is to be given. All orders issued and received, routine returns, etc. All orders and the time of receipt or despatch is to be given.

of the annexes, but need not give a precis of any of them.

(continued on back cover)

VE C 318 (V44154)

SECRET

BVKL 3

COLLECTING TELLER

BVKL 1

DISPOSAL

13. **Original Commander's Diary.** This is to be forwarded monthly, unless otherwise ordered, by seventh day of the succeeding month direct to AHQ.

14. **Duplicate Commander's Diary.** This must be clearly marked as a duplicate. It is to be sent separately from the original to AHQ one month after the original has been despatched but not before the former has been acknowledged.

15. When overseas, both copies of diaries are to be sent through the Army Records organization in the overseas theatre but at different times.

16. **TOP SECRET Supplementary Diaries.**

a. The documents referred to in Paragraph 9 together with a list of them made out on AF C 2118 (Adapted) must be placed in separate cover (AF C 2119) (Adapted). All details must be filled in and the cover clearly marked in red: "ANNEX Z — OFFICER ONLY". It may be convenient to group the papers by appendices.

b. Supplementary diaries must be forwarded under the normal rules for TOP SECRET correspondence, to AHQ. The inner envelope must be plainly marked:

TOP SECRET

ANNEX Z to

Commanders Diary of.....(Formation or Unit)

From.....to.....(Dates)

c. The duplicate supplementary diaries must be despatched as shown in Paragraph 14 as soon as receipt of the original has been acknowledged.

COMPILATION

Both original and duplicate copies are to consist of:

- a. Cover (AF C 2119) (Adapted).
- b. Index as printed on cover.
- c. Narrative (AF C 2118) (Adapted).
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annexes, but need not give a breakdown of any of them.

COMMANDERS DIARY NARRATIVE

UNIT 1 SCN

MONTH AND YEAR OCT 71

OFFICER COMMANDING MAJ R.P. KUDNIG

DATE	EVENT OR INFORMATION	ANNEX LETTER AND ENCLOSURE No
1 Oct	Construction of BARIA TOC continues. The unit provided 9 mini teams for Cavalry Ops.	
2 Oct	No significant operational activity.	
3 Oct	Support for Cavalry operations continues with mini teams provided nightly for APs in the 1 ATF Base defence AOs.	
4 Oct	No significant operational activity.	
5 Oct	TD15 dozer closed FSB DEBBIE.	
6 Oct	A TD15 dozer and D4 dozer completed the destruction of FSB ROBIN. A Case Size 0 backhoe assisted 4 RAR in construction of new gun bunkers on NUI DAT HILL.	
7 Oct	TD15 assisted ARVN Arty with bund construction in JWTC area.	
8 Oct	No significant operational activity.	
9 Oct	Construction of BARIA TOC continues.	
10 Oct	Provision of mini teams for Cavalry ops continues.	
11 Oct	No significant operational activity.	
12 Oct	No significant operational activity.	
13 Oct	1 Fd Sqn Rear Party, Fd Tp (-), now located in 4 RAR area in preparation of unit withdrawal to VUNG TAU. The Tp (-) is now responsible for the MT and ST Support to 4 RAR Bn Gp. One D4 dozer remains with the Tp (-).	
14 Oct	Withdrawal of elements to VUNG TAU commenced in conjunction with movement of stores.	

COMMANDERS DIARY NARRATIVE

UNIT 1 SQN

MONTH AND YEAR OCT 71

OFFICER COMMANDING MAJ R. P. KUDNIG

DATE	EVENT OR INFORMATION	ANNEX LETTER AND ENCLOSURE No
15 Oct	Clean up of Area continues.	
16 Oct	The unit withdrew complete from NUI DAT to VUNG TAU. 1 Fd Sqn becomes non-operational.	

N. DEFINES  
CHASTITY BELT  
AS AN ANTI TRUST  
SUIT

NDN SAYS IF IT PAYS TO  
BE IGNORANT, WHY IS  
EVERYBODY BROKE?

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# Nui Dat News

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## EDITORIAL

As NDN rambles into its twelfth edition, and, happily, its last in Vietnam, I would like to thank all who have contributed in any way to making the NDN what it has been over the past few months. Hopefully, the rag of 1 Fd Sqn Gp will continue on in Australia, but even if it doesn't, as long as it has given you a bit of a giggle when all else has seemed blue, NDN has achieved its goal, for one thing none of us can afford to lose is our sense of humor.

To all NDN readers, I wish you a safe return home, a merry Christmas and a most prosperous new year.

Ed

### A FAREWELL TO VIETNAM BY THE OC

This is the last edition of the Nui Dat News to be written in Vietnam. It is also the last edition before the bulk of our Squadron Group disperses, some to civil life and some to other units in RAE.

It is therefore opportune for me to tell you of some of our achievements in 1971 and to congratulate you on your efforts in attaining these.

In the main you are young men. We hear a lot of criticism of today's young men - that they are irresponsible, that they are permissive and that they have not developed that grit and determination characteristic of their fathers and grandfathers. I think the truth lies closer to the fact that they are presented with a bewildering variety of opportunities in every conceivable area of endeavour and that, true to human nature, they feel they must sample each variety before making a final selection. The selection was easier for their fathers and grandfathers as the choices were fewer: moreover, the recent dramatic changes in technology have necessarily re-modelled some of those personal characteristics considered so important by previous generations.

Your performance while I have commanded 1 Fd Sqn Gp has but confirmed a strong belief of mine - that Australia's young people are as able or more able than their fathers and grandfathers in all those activities important in a society. What you must have, however, is guidance to make that final selection of opportunities and it is the essential responsibility of those a little older than you to give you this guidance with honesty, courage and lack of prejudice.

To detail your achievements for 1971 would take far too long, so I will merely list the most obvious results of your efforts - those efforts of each and every member of 1 Fd Sqn Gp.



Combat Support to Other Arms

Number of Bunkers destroyed :800  
 Tunnels destroyed :25 tunnels, a total of 7000 meters.  
 Number of mine incidents and booby traps involving field engineers;  
     a. Located and destroyed :22 (all by Sappers)  
     b. Detonated by APCs :32 (30 sappers WIA)  
 Number of FSB/NDPs constructed :50

Mechanical Mine Clearing

Number of minefields cleared or partially cleared :21  
 Number of mines and munitions destroyed;  
     a. 3000 M16s  
     b. 150 M14s  
     c. 500 Miscellaneous items

Land Clearing

Total area cleared :3668 acres  
 Names of areas cleared :AO Mango  
                                   Tanh Ru  
                                   Route 327  
                                   Route 23  
                                   Long Green  
                                   Nui Dat

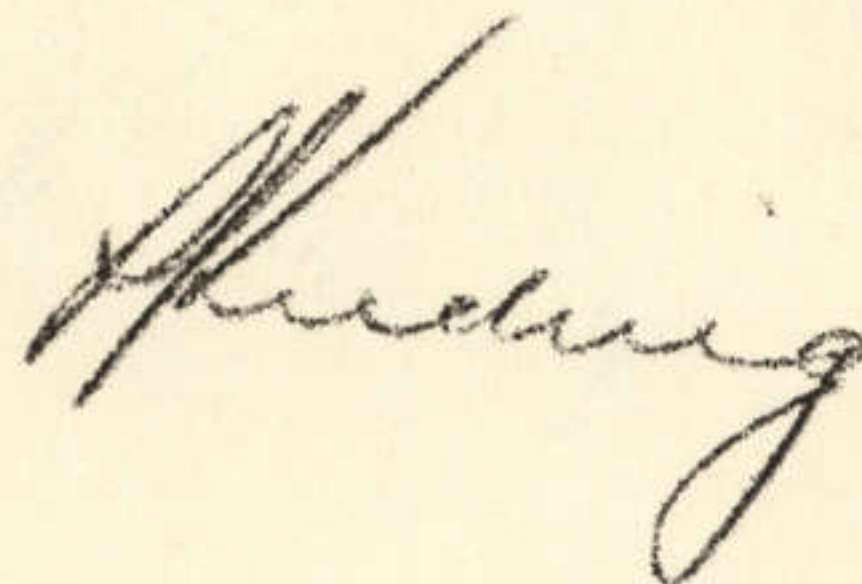
Defence Stores

Tonnage of stores supplied :1000 short tons  
Maintenance of 1 ATF Base  
 Total water supplied @ 80,000 gals a day :21,600,000 gals  
 Mileage of road maintained :7 sealed  
                                           28 formed

Miscellaneous Tasks

Reconstruction of Province roads :5000 meters  
 Construction of Command Post for Sector HQ :Value A\$42,000  
                                           Manhours 11,200

Thank you, you have done well



Well, by all accounts, the swan song of the snakes pit was far from gracefull. The ever open eye of NDN caught these little acts. There was The Beast from Belsen - Burnem Bickel, clinging to a post im the mess, whispering in its ear (bet you didnt know posts had ears. Ask Burnie) "Dont let me leave." He was later seen to sag gracefully to the floor.

And who was that hairy chappie who said Harry the Beast wasnt game - eh! By the way Capt Lowe, ave you got arf a moe?

Big Black Ian and Dennis Ash, we feel, make a good pair, what with Dennis trying to pick a blue with the curtains in the mess (he lost - fell down) and Ian performing peculiar gyrations (he called it Scottish Dancing) they both would make a striking couple on a ballroom floor.

And speaking of balls, who stole Harry Eustaces. Threw a tantrum when he couldnt find it on the night of the DO. Now who but Harry is strong enough to make off with the bloody thing. Bet he sent it home MFO - or are there better ways to spend an evening back in Aust?

The mysterious Arab from 3 Tp even came into the lime light, or should I say dark - seems he made it back to the troop on all fours. What was it Merv, no moon or were you just plain BLIND?

Crash Cummings lived up to his nick name - as usual - crashed. Vungers too much for you Bill?

A circus wouldnt be a circus without Gypsy Rose Lou the Singing SQ - was it the Brig or the CE you called Sweetness, Lou?

Cf course, no Captain deserts a sinking ship, least of all Tuff Stuff Bob the dreaded PMC. Why he was still in the mess, just on guard so he says, at 8 AM next morning.

In all, though, it was a splendid evening enjoyed by all and a credit to the mess and all who assisted in the preparation.

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- GOOSE NEWS IN ABSENTIA -

I am sure all our bird lovers will be interested to know that our Roving Reporter has discovered a most astounding fact. You just wouldnt believe who flew, united, south for the winter. However did you guess - the Nine Foot Goose and the One Eyed Bird. Yes they have left us so this draws to a close, our colum on Goose News.

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Her precocious six year old daughter came tugging at the mothers skirt, asking, "Mummy, can I have a baby?"

"Of course not, dear," the mother replied, without missing a stroke in her ironing.

"Are you sure?" the little girl persisted.

"Certainly," said the mother.

As she ran to rejoin her playmates in the yard, the child called out, "All right, you boys, same game!"

CLASSIFIED SECTION: WANTED - One DRY mattress. Any price paid. Apply  
RED C/- 1 Fd Sqn Orderly Room.

NDN comment: Why Red? Rain get in the hut?

We of NDN wish we were able to report on the Officers Mess DO but we  
cant seem to find out just what they got up to. They are keeping it very  
quiet. Was it that good Gents?

---

Managed to get the goods on the Reo of 21 EST, Lt Bitcon (You charmer you)  
Seems when he arrived in country, he bought a comb so he could look 'just so'  
before going into the Officers Mess. Its ok Sir, you were among fiends.

---

Banish the use of the four letter words  
whose meanings are never obscure.  
The Angles and Saxons, those bawdy old birds,  
Were vulgar, obscene and impure.  
But cherish the use of the weak-kneed phrase  
That never quite says what you mean;  
You'd better be known for your hypocrite ways  
Than as vulgar, impure or obscene.  
When nature is calling, plain speaking is out.  
When ladies, God bless 'em, are milling about,  
You may wee-wee, make water, or empty the glass;  
You can powder your nose; even 'Johnnie' may pass;  
Shake the dew off the lily, see the man 'bout the dog,  
Or when everyones soused, it's condensing the fog.  
But be pleased to remember if you would know bliss  
That only in Shakespere do characters.....

---

RAQUEL WELCH PUTS HERSELF OUT TO PLEASE PEOPLE!

Cant beat that Transport push. Seems one of them arrived in Vungers to  
find a phone in his hut. Rang for room service and, wouldnt you know it -  
bloody EMU had the line disconnected. No sense of humor.

And speaking of phones, did you know that Lou found his missing phone.  
HQ Tp again. Seems someone had cunningly hidden it in a tent. Yes, the local  
bookie no less.

Who said the Dat was rough. Cant convince Mick Heffernan of that. Reckons  
he would rather tip toe through the minefield than stay down here. Seems a  
bolt of lightning bowled him over yesterday. Bright spark!

The little white haired spinster was rocking on the front porch of her home with her tom cat at her feet when a good fairy suddenly appeared and offered her three wishes.

"Go on," the little old lady said disbelievingly. "If you can grant wishes, lets see you turn this rocking chair into a pile of gold".

A wave of the good fairys wand and the spinster found herself atop a pile of pure gold. Her face lighting up, she asked, "I get two more wishes?"

"Yes," the good fairy assured her. "Anything your heart desires."

" Then make me into a beautiful voluptuous young girl," she ordered. Another wave of the wand and her wish was granted.

"Now," she said, "make my faithful old cat into a tall, dark and handsome young man."

The good fairy waved her wand and disappeared as the third wish came true and a muscular swain stood where the tomcat had just been sleeping.

The young man approached the once old lady, took her in his arms and murmured gently, "Now arent you sorry you sent me to the vet?"

FINIS

# HOW TO HOUSE BREAK A DOG



7 Oct 71

D Engrs

1 FD SQN GP PERIODICAL TECHNICAL REPORT  
AS AT 30 SEP 71

Reference: A. D Engrs 723-R1-29 dated 23 Jul 71.

Operations, Activities and Works

1. Operations are quickly declining in accordance with Plan Interfuse.
2. The only large works committment remaining is construction of the Command Post in BARIA. It is progressing to schedule and should be completed by 16 Oct 71.

Personnel

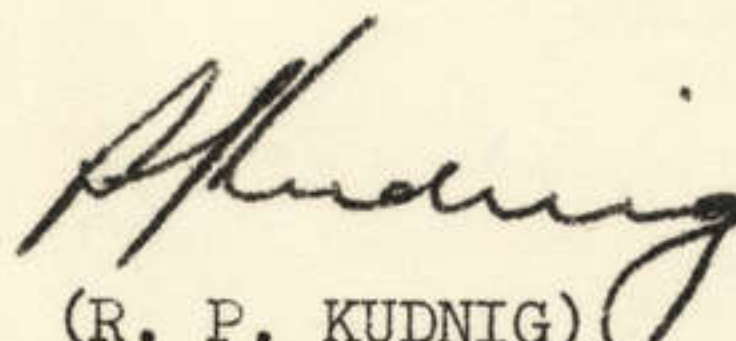
3. 21 Engr Sp Tp has left NUI DAT and plans have been made for the march out to Australia of advance parties for each unit in the Field Squadron Group.

Equipment

4. Cleaning and preserving for return to Australia is well under way.

Training

5. All training has now ceased.
6. The one day seminar on responsibilities of a Senior NCO provoked worthwhile discussion.

  
(R. P. KUDNIG)  
Maj  
OC

- Annexes:
- A. Operations, Activities and Works
  - B. Personnel
  - C. Equipment
  - D. Training

OPERATIONS, ACTIVITIES AND WORKS

Operations

1. During the month the unit continued to provide support to 1 ATF on operations. The following operations are of interest for the period:
  - a. Operation NORTH WARD 6 Aug 71 to 19 Sep 71
  - b. Operation CUDLEE CREEK 23 Aug 71 to 14 Sep 71
  - c. Operation MOUNT TORRENS 18 Sep 71 to 19 Sep 71
  - d. Operation IVANHOE 20 Sep 71 Continues
2. Operation NORTH WARD. A 4 RAR/NZ (ANZAC) Bn operation in AO BIRDSVILLE which continued from the previous month. The aim of the operation being to interdict enemy supply routes into the populated areas along Route 2.
3. Operation CUDLEE CREEK. A 3 RAR operation in AO INGLEWOOD North of Route 23.
4. Operation MOUNT TORRENS. A 3 RAR operation to search the Eastern Province border and into WESTERN BINH TUY. This area had not been searched by Australian Forces for over 8 months.
5. Operation IVANHOE. A 1 ATF Operation to search and destroy enemy elements in the NUI SAO/CU MY area centre of mass YS 5487.
6. The MCT has now ceased operations and the LCT is presently conducting minor clearance operations in and around 1 ATF base area.

Activities and Works

7. Reconstruction of Route 327 east of BINH GIA is now complete. (See Plant Troop Report).
8. The construction of the Tactical Operational Centre (TOC) at BARIA Sector HQ still continues. A separate report is attached.
9. Essential maintenance work in the 1 ATF base area continues.

- Appendices:
1. 1 Troop Monthly Report
  2. 2 Troop Monthly Report
  3. 3 Troop Monthly Report
  4. Land Clearing Team Monthly Report
  5. BARIA TOC Report
  6. Plant Troop Report
  7. 21 Engr Sp Tp Monthly Report
  8. Bunker Demolition Report

AFTER ACTION REPORT

Operations: NORTH WARD and IVANHOE                                By:        SSgt H. BIRD  
AOs:                     BIRDSVILLE and TRAC SPECIAL AO                                For:        OC 1 Fd Sqn Gp  
FSBs:                     DEBBIE and MAREE                                                        Date:      30 Sep 71  
Maps:                     VIETNAM, Series L, Sheet 6A, 1:50,000

General

1.            From 1 - 20 Sep 71 4 RAR/NZ (ANZAC) Bn continued with operation NORTH WARD in the TRAC SPECIAL AO to the North East of COURTENAY HILL.
2.            On the 21 Sep 71, due to a heavy contact involving D Coy with a large force of 33 NVA at YS 513857, 3 RAR were reacted from the XUYEN MOC area, and 1 ATF operation IVANHOE was mounted.
3.            As at the 30 Sep, operation IVANHOE continues.
4.            Throughout the month HQ 4 RAR remained at COURTENAY HILL.

1 Troop Activities

5.            Main activities during Sep 71 have been to:
  - a.           support 4 RAR/NZ (ANZAC) Bn;
  - b.           maintain a forward Tp HQ;
  - c.           provide mini teams for cavalry operations; and
  - d.           instruct 1 ARU personnel in minewarfare.

Results

6.            The following are the results for operations NORTH WARD and IVANHOE (4 RAR only).
  - a.           Enemy casualties
    - (1)    VC KIA       14
    - (2)    VC WIA       6
    - (3)    VC PW       Nil
    - (4)    VC HOI CHANH   Nil
    - (5)    Detainees       Nil



Own Casualties

- (1) Aust/NZ KIA 5
- (2) Aust/NZ WIA 24

c. Weapons and Ammunition Captured

- (1) 4 x RPG 2 rounds
- (2) 2 x 82 mm mortar rounds
- (3) 5 x Chicom grenades
- (4) 2 x US Bangalore Torpedoes
- (5) 60 x 7.62 mm (short)
- (6) 6 x AK47
- (7) 1 x Russian rifle
- (8) 2 x Chicom pistols

d. Mine Incidents

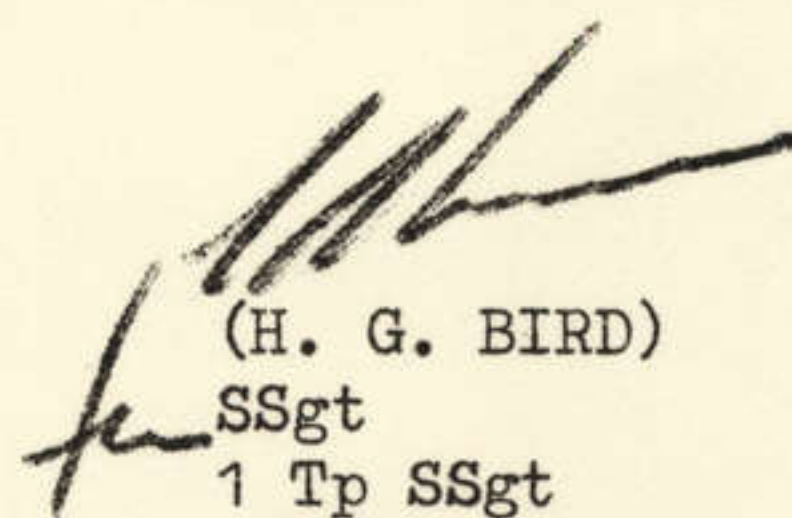
- (1) At YS 490895 (approximately 1 mile East of COURTENAY HILL) an APC from A Sqn 3 Cav Regt detonated a HE Chicom block charge mine.
- (2) At YS 486895 another APC, whilst on route to the incident area, also detonated a similar pattern mine. Both were activated by a pressure/elec switch. Both APCs were extensively damaged and 4 Australians were wounded.

e. Enemy Installations Destroyed. 40 bunkers.

Comments

7. This month has, with the exception of the large amount of bunker demolition carried out from 21 - 25 Sep, been very quiet, and teams have done little but act as rifleman.

8. The new method of bunker demolition outlined in appendix 8 to this report has been extensively used and proven to be effective.

  
(H. G. BIRD)  
SSgt  
1 Tp SSgt

AFTER ACTION REPORT

Operations: CUDLEE CREEK, MOUNT TORRENS,  
IVANHOE By: Capt J. TICK

AOs: XUYEN MOC, INGLEWOOD,  
BIRDSVILLE For: OC 1 Fd Sqn Gp

FSBs: TANUNDA, SHIRLEY, MAREE Date: 30 Sep 71

Maps: XUYEN MOC 1:50,000. BIN CHAU 1:25,000. BINH BA 1:50,000.

General

1. During the period 1 - 14 Sep 71 3 RAR continued operation CUDLEE CREEK in the XUYEN MOC AO.
2. Operation MOUNT TORRENS began on 17 Sep in the area of the Province Border East of XUYEN MOC. It concluded on 19 Sep 71 when the battalion was reacted to AO BIRDSVILLE after 4 RAR made heavy contact with 33 NVA Regt.
3. 1 ATF operation IVANHOE began on 19 Sep and continues.

2 Troop Activities

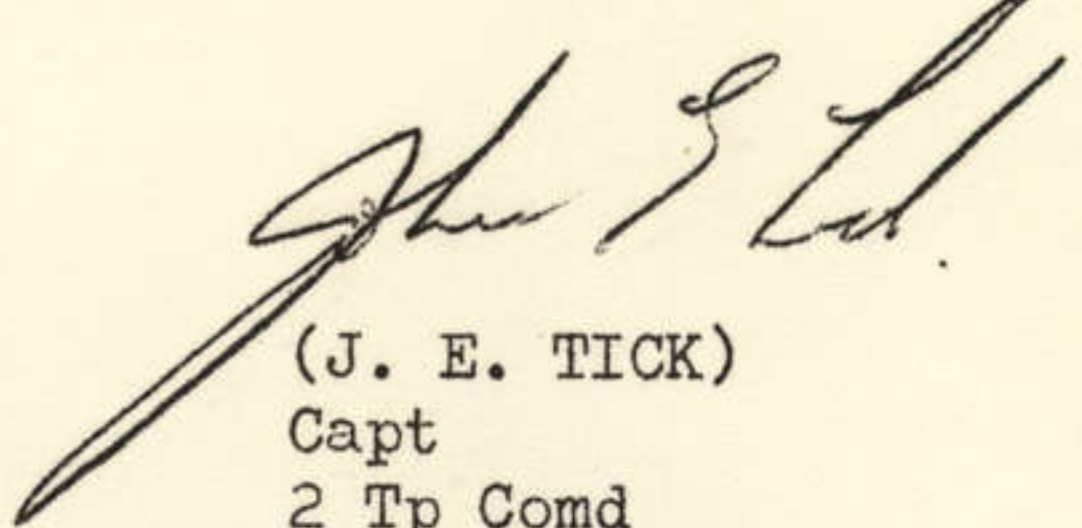
4. 2 Tp was employed on the following activities:
  - a. Close support of 3 RAR;
  - b. Support of elements of A Sqn 3 Cav Regt; and
  - c. Repair and maintenance tasks as directed by OC 1 Fd Sqn. In particular: the redecking of the VINH THANH bridge; re-erection of the East perimeter gate; and the rebuilding of the 1 Fd Sqn No 2 magazine.

Results

5. The following results were achieved by 3 RAR during operations CUDLEE CREEK, MOUNT TORRENS and IVANHOE.
  - a. Enemy Casualties. Nil.
  - b. Friendly Casualties. Nil.
  - c. Mine Incidents. Nil.
  - d. Enemy Installations Destroyed
    - (1) In YS 5785 a bunker system consisting of four groups of six bunkers was located. This system was an extension of the system found by D Coy 4 RAR. The bunkers were 10' x 5' x 5' with 2' OHP consisting of freshly cut logs.

roop Commanders Comments

6. 2 Tp remained heavily committed to operational tasks for most of Sep. Several maintenance tasks were completed by Tp tradesmen and this provided a refreshing change from operations.

  
(J. E. TICK)  
Capt  
2 Tp Comd

AFTER ACTION REPORT

Operations: NORTH WARD, CUDLEE CREEK,  
MOUNT TORRENS, IVANHOE

By: SSgt M. D. SPRIGGS

AOs: BIRDSVILLE, XUYEN MOC, INGLEWOOD

For: OC 1 Fd Sqn Gp

FSBs: ROBIN, DEBBIE, MAREE, SHIRLEY,  
CENTENARY

Date: 30 Sep 71

Maps: VIETNAM, Series L, sheet 6430, edition 2, 1:50,000

General

1. a. 3 Troop continued to give operational support to other arms.
- b. Personnel were provided to assist in:
  - (1) Mine incident training of reinforcements;
  - (2) Construction and maintenance tasks in 1 ATF base area; and
  - (3) Construction of a Tactical Operations Centre (TOC) at BARIA.

Units Supported

2. a. A Sqn 3 Cav Regt.
- b. 1 Fd Sqn.
- c. 17 Const Sqn.
- d. 1 Aust CA unit.

Tasks

3. Tasks performed by the troop during the period were:
  - a. (1) Support of Cavalry operations in the areas of ROBIN, DEBBIE, MAREE, SHIRLEY, CENTENARY, XUYEN MOC, Route 327 and NUI DAT 3;
  - (2) Mine incident training for reinforcements of 1 Fd Sqn and 17 Const Sqn;
  - b. Provision of 1 Senior NCO and 7 OR tradesmen for 17 Const Sqn and 1 Aust CA unit;
  - c. Detachment of 1 OR for Provost duties;
  - d. Detachment of the troop officer for LO duties at BIEN HOA;
  - e. Troop Commander continues as projects officer at BARIA TOC; and

- f. Preparation and clean up of the troop area for RTA continues.

Deployment

4. a. Troop HQ located at NUI DAT.  
b. Support elements as shown in para 3.

Duration

5. 1 Sep 71 to 30 Sep 71.

Results

6. A quantity of blinds located and destroyed.

Training

7. Four personnel attended retraining periods in the mines room and recognition lane.

Troop Commanders Comments

8. The reduction of the number of personnel is mainly due to the emphasis of work now on the withdrawal of the unit, and also for the growing requirement of personnel at the Tactical Operations Centre (TOC) worksite.

*Spiggs LT*  
*for*

(M. D. SPRIGGS)  
SSgt  
3 Tp SSgt

LAND CLEARING REPORT

Map: NUI DAT Special, 1:10,000

By: Sgt D. F. WOOD

For: OC 1 Fd Sqn Gp

Date: 30 Sep 71

General

1. Tasks performed by 1 Fd Sqn LCT as laid down by HQ 1 ATF were as follows:
  - a. Task 1. The clearance of the outer and inner perimeters of the 1 ATF Base at NUI DAT.
  - b. Task 2. The clearance of the proposed defensive positions at 4 RAR Gp new location.
2. Task 1
  - a. Land Clearing was employed on the outer and inner perimeters of 1 ATF Base area. The total area cleared was 3,200,000 sq metres employing 5 D8Hs for the period 27 Aug - 16 Sep.
  - b. Some difficulties were encountered due to dampness. This resulted in some areas being left uncleared, but made little difference to the overall clearing.
3. Task 2
  - a. Land Clearing was again employed on the clearance of the proposed defensive position of 4 RAR Gp. This included the South East slope of NUI DAT HILL and the area bounded by 21 EST Stores Yard and D Coy 3 RAR.
  - b. Total area cleared was 200,000 sq metres, employing 5 D8Hs for a period of 6 days from 17 Sep - 22 Sep inclusive.
  - c. The clearing on the South East slope of NUI DAT HILL was hampered by a 415 volt power line running down the hill. This was eventually removed and the job was completed.

Serviceability

4.
  - a. During the reporting period 5 machines were available for work; 4 Land Clearing D8H plus 1 Mine Clearing D8.
  - b. The following services were carried out in addition to daily servicing :  
  
4 x 1000 hr services; and  
  
1 x 500 hr service.

Conclusion

5. All Land Clearing and Mine Clearing D8H have been stripped down and cleaning and repainting for RTA has been commenced.

D F Wood

(D. F. WOOD)

Sgt

OC LCT

BARIA TOC REPORT

AO: Territorial Forces AO

By: Capt E. TOMCZAK

Location: BARIA

For: OC 1 Fd Sqn Gp

Date: 30 Sep 71

General

1. Work on the BARIA Tactical Operations Centre (TOC) is continuing on schedule and it is presently anticipated that all work will be complete by the 16 Oct 71.

Work Force

2. The nucleus of the work force still remains from 1 Fd Sqn. However, with the demand for more tradesmen and the reduced operational commitment of the Sqn, (8) eight carpenters and an ACW form this group. The remaining labour was provided from:

- a. Assault Pioneer Platoon, 4 RAR/NZ (one section);
- b. Task force ready reaction company, one platoon;
- c. 1 Fd Sqn provided labour and tradesmen on an as required basis; and
- d. 1 Fd Sqn Wksp provided two welders for the final welding.

3. Assistance was received from 55 EWPS and from 17 Const Sqn.

Progress

4. a. During the first half of September stores for the site were moved from NUI DAT to BARIA for storage at site, to assist in the withdrawal of 21 EST to VUNG TAU and to provide easy access to the stores.
- b. Stages of Construction Completed
  - (1) The remaining two footings for the steel portal frames have been poured;
  - (2) Three and one half blast walls have been completed and filled with laterite;
  - (3) The concrete floor of the TOC has been poured;
  - (4) Sand bags required for blast protection for the roof of the TOC have been filled and stacked on pallets for easy movement when they are required; and



- (6) Steel frame portals are in position awaiting welding of cross bracing.

Comments

- 5.
- a. To assist in meeting the deadline of 16 Oct 71 for completion of the task, shift work is being implemented; and
  - b. Cooperation from 1 Fd Sqn Wksp, 21 EST, 55 EWPS and 17 Const Sqn has been very good.

*E. Tomczak*  
LT for.  
(E. TOMCZAK)  
Capt

## 1 ATF Base Tasks

4. Land Clearing. During the period 1 - 22 Sep the LCT was given the task of carrying out land clearing necessary for the upgrading of the base perimeter defensive positions, and the construction of defensive positions for 4 RAR. These tasks were carried out with a team that reduced from five D8 dozers on 1 Sep to three on 22 Sep, when the major task was completed. A separate report is contained in Appendix 4.
5. 1 ATF Internal Roads. Increased attention has been paid to the repair of unsealed road surfaces within NUI DAT, and a concentrated potholing programme has been in progress since 20 Sep.
6. Minor Tasks. The preparations for RTA have brought with them an increased demand for plant for area demolition and clean up tasks. The daily requirement for both the laterite pit and rubbish pit continues.

## Miscellaneous Tasks

7. During the period 3 - 10 Sep the construction of a POL point at BARIA was undertaken. It involved the use of a TD15B from 3 - 9 Sep and a Grader on 10 Sep.
8. Support was given to the South Vietnamese RF Artillery on two occasions. Both involved the construction of gun bunds, at the HORSESHOE feature on 18 Sep and at HOA LONG on 24 Sep.
9. Minor plant assistance was given to the BARIA TOC construction task throughout the month. This included the provision of an operator for a P and H crane on loan from 17 Const Sqn from 16 Sep to 29 Sep.

*D. J. Wood*  
(A. WHITE) *for To Comd*  
Capt  
OC Plant Tp

PLANT TROOP ACTIVITIES

General Outline

1. During Sep Plant Troop activities have been divided into two main channels: the normal operational/construction tasks throughout the province, and the preparation of plant and equipment for RTA.
2. The schedule for withdrawing plant for RTA preparation has been tied in with a planned reduction in commitment. To date approximately 40% of the squadron plant holding has been prepared for RTA and transferred to VUNG TAU for storage.

Operational Tasks

3. These tasks have been greatly reduced, and at present are confined almost completely to the establishment/destruction of FSBs.

a. FSB Tasks. The following plant assistance was given:

(1) COURTENAY HILL

1 x TD15B            21 - 24 Sep

1 x D4                14 Sep

(2) FSB ROBIN

1 x Case Backhoe    4 Sep

(3) FSB CENTENARY

1 x TD15B            15 Sep

(4) FSB MAREE

1 x TD15B            11 Sep

1 x D8                15 Sep

(5) FSB SHIRLEY

1 x D4                18 - 24 Sep

1 x Case Backhoe    18 - 23 Sep

b. Land Clearing Team. This team ceased operational tasks during August, and has remained in NUI DAT for refitting and base defence preparations.

c. Mine Clearing Team. During the month this team has been on standby. On 20 Sep it was reduced from two to one D8 dozer.

d. Mine Clearing Tanks. The two M48 tanks were repaired and cleaned and returned to the US forces at LONG BINH on 20 Sep.

21 ENGINEER SUPPORT TROOP  
PERIODICAL TECHNICAL REPORT  
AS AT 30 SEP 71

General

1. Stocktake. A stocktake commenced on the 22 Sep with Lt BITCON as stocktaking officer. Documentation for the stocktake will be completed on the 6 Oct 71.
2. F7-1 Ledgers. The troop account will change from E2C to F7-1 accounting procedures during the period 7 - 20 Oct 71.
3. RTA of Unit
  - a. The troops advance party is to RTA on the 14 Oct 71.
  - b. The main party is to return on the 23 Oct 71.
  - c. The troop has had nineteen (19) Op Interfuse postings. These are listed in paragraph 17.
4. Fire Service. The unit was released of its 1 ATF fire service responsibility on the 15 Sep 71. During the first 15 days of Sep the fire service received two calls for 6 hours work.

Stores Section

5. Defence Stores. The main call for defence stores during the reporting period was for base defence, for 4 RAR Gp and 198 Works Section in preparation for the post 16 Oct 71 period. A comparison of issues for Sep and Aug is shown in the table below.

	Aug	Sep
Dannert	310	1749
Sandbags	32200	16000
Barbed Wire	100	552
Pickets	2098	6771
RPG Screen (chain wire mesh)	8	6

6. Project/ R & M Stores. The BARIA TOC was the only call for stores.

Workshops

7. Fitters. The following summary covers repair-maintenance to equipments during the reporting period.
  - a. 125 KVA - One (1) 1000 hr service  
Three (3) general repairs

- b. 62.5 KVA - Two (2) 1000 hr services  
Two (2) 100 hr services  
Three (3) top overhauls  
Three (3) general repairs
- c. 20 KVA - One (1) overhaul  
One (1) general repair
- d. Pumps - One (1) overhaul  
Three (3) general repairs
- e. Washing machines - Three (3) general repairs
- f. Jobs completed - 26  
Jobs outstanding - 1 (awaiting parts)

8. Carpenters. The section was employed in:

- a. Construction of RTA boxes for the unit as well as assistance to 1 ATF;
- b. Normal R & M in 1 ATF base; and
- c. Total hours worked was 753.

9. Painters. This section was employed on painting of RTA boxes and unit B & C vehicles. Two painters worked a total of 414 hours.

10. Welders. This section was employed mainly in the cleaning and packing of unit equipment for RTA. One welder worked 210 hours.

11. Plumber. He was employed in the cleaning and packing of unit equipment for RTA and preparation for stocktake. 10 service calls were answered. One plumber worked 172 hours.

12. Refrigeration Mechanics

- a. This section carried out normal R & M within 1 ATF base.
- b. Assistance to other units in the movement of refrigeration and air conditioners for RTA.
- c. 21 Service Calls were answered.
- d. Total hours worked was 610.

13. Electricians

- a. The section carried out minor new works and area maintenance tasks.
- b. Minor new works projects accounted for a total of 116 man hours.
- c. Other man hours worked:
  - (1) R & M 128 hours;
  - (2) KVA 88 hours
  - (3) Washing machines 15 hours; and
  - (4) General maintenance/administration 48 hours.

## Water Production

14. Water figures for the month of Sep including comparison with Aug.

	September	August
Banana	395,499	690,120
Luscombe	652,498	548,900
Wombat	996,000	1,104,000
Total	2,043,997	2,343,020

## Unit Strength Details

15. As at the 30 Sep 71 the troop strength was 92 consisting of 2 Offrs and 90 ORs.

16. Deficient and Surplus by Trade

- |                         |                    |
|-------------------------|--------------------|
| a. Carpenter and Joiner | one (1) surplus    |
| b. Driver Op Spec Veh   | one (1) deficient  |
| c. Op MHE               | one (1) deficient  |
| d. Mech Elec            | four (4) deficient |
| e. Plant Op             | two (2) deficient  |
| f. Fitter Engr Eqpt     | one (1) surplus    |
| g. Med Asst             | one (1) deficient  |

## Op Interfuse Postings

17. a. To 55 EWPS

216750	Capt J. F. WEBSTER	
215741	Cpl A. L. DUSTING	(Clerk Tech)
4722102	Spr D. M. BERRY	(Fitter)
217288	Spr R. B. SNAPE	(C & J)
314340	Spr F. J. MITCHELL	(Fitter)
217093	Cpl J. G. WHALAN	(Fitter)
2796431	Spr N. J. HUNTLEY	(Elec)
5718146	Spr G. VAN DE WAGE	(Elec)
313340	Cpl R. T. WALSH	(Pl Op)
56049	Spr D. McDOUGALL	(S/Man)

	3800032	Spr	G. K. JAMES	(Driver)
	3800154	Spr	J. MASHFORD	(Elec)
b.	<u>To 198 Wks Sect</u>			
	3800449	Spr	P. A. WATSON	(C & J)
c.	<u>To Aust Fd Hosp</u>			
	243507	Spr	D. ROSS	(C & J)
d.	<u>To 17 Const Sqn</u>			
	1203264	Spr	R. G. GREER	(P & D)
e.	<u>To HQ AFV (CE Branch)</u>			
	3800581	Spr	K. E. MURPHY	(Elec)
f.	<u>To VUNG TAU Wks Section</u>			
	313651	Spr	P. G. MOORE	(Driver)
g.	<u>To 1 Fd Sqn</u>			
	39994	Cpl	I. C. KIBBLEWHITE	(Cook)
h.	<u>To Force Pool of Cooks 1 ALSG</u>			
	312923	Pte	G. LJEPOJEVIC	(Cook)



(J. F. WEBSTER)  
 Capt  
 OC

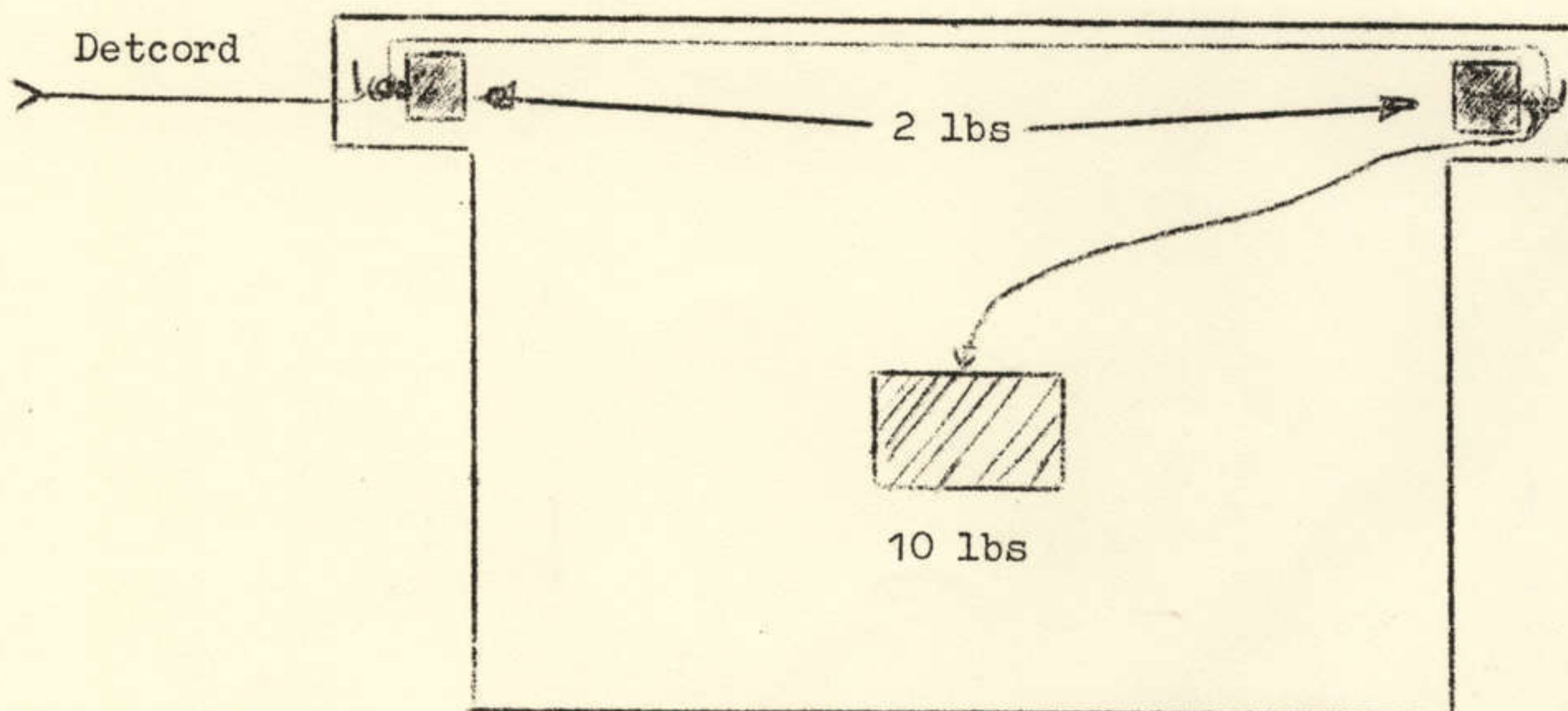
BUNKER DEMOLITION REPORT

1. Previous methods of bunker demolition have all been designed around the presumed necessity to destroy the main roof bearers.
2. The new method outlined in this report denies the necessity for such destruction, timbers are easily cut, and concentrates upon fracturing the walls to such a degree that their renovation is impracticable, and removing all of the earth OHP.
3. Its inception under operational conditions has proved to be 100% effective as well as significantly quicker (5 mins per bunker). A further advantage is that due to the simplicity of charge emplacement, a section of infantry can be employed instead of a CET. In these situations the supporting ST merely carry out the initial search and then lay out and connect the charges positioned by the infantry.
4. This method of operation was employed by a ST with D Coy 4 RAR, when 10 bunkers were destroyed in 40 minutes. In all cases the bunker roof was blown completely off, the earth OHP lost, and the walls collapsed beyond repair. In no case would it have been practicable for the enemy to have attempted renovation.
5. Method: The diagram illustrates the placement of charges.

Note

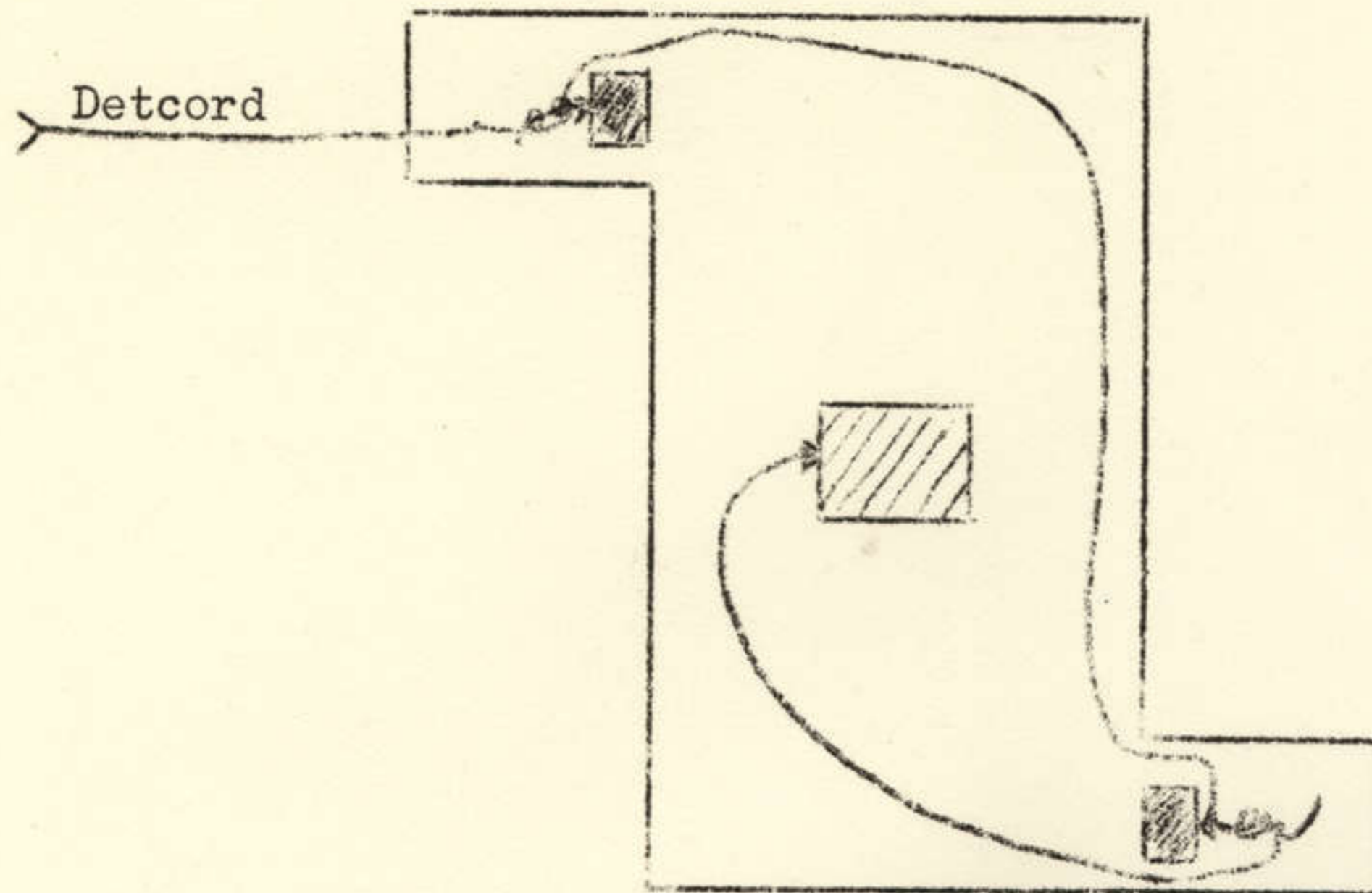
- a. Charges are not dug in or tamped.
- b. Small charges should be initiated from the outer side for best results.
- c. Largest charge should be initiated last.

'T' SHAPED BUNKERS  
FLOOR PLAN





'L' SHAPED BUNKERS  
FLOOR PLAN



6. This method is included in all No 1s Books and is taught to all reinforcements. 4 RAR prefer that only this method is used by the Splinter Teams with them for the reasons already outlined and are quite satisfied with the results obtained.

*I. J. Campbell*

(I. J. CAMPBELL)

Lt

Trials and Training Officer

ANNEX B TO  
1 FD SQN TECH REPORT  
DATED 30 SEP 71

PERSONNEL

STRENGTH STATE:

NAME OF UNIT	ESTABLISHMENT NO	ESTABLISHMENT STRENGTH	POSTED STRENGTH
1 Fd Sqn RAE	11/10/4(TW)	11 - 248	11 - 206
21 Engr Sp Tp	11/12/3(TW)	2 - 95	2 - 90

OFFICER POSTINGS - LOCAL ESTABLISHMENT:

1 Fd Sqn RAE

Date in SVN

OC	13371	Maj R.P. KUDNIG	14 Jan 71
2IC	64334	Capt D.I. PEGG	22 Oct 70
Admin Offr	38722	Lt J.W. PRITCHARD	5 Nov 70
QM	2900577	Lt C.W. STONE	3 Dec 70
1 Tp Comd	311582	Capt G.A. MORRIS	7 Apr 71
2 Tp Comd	216747	Capt J.E. TICK	25 Mar 71
3 Tp Comd	55020	Capt E. TOMCZAK	14 Jan 71
Plant Tp Comd	17108	Capt A.E. WHITE	11 Mar 71
1 Tp Offr	61768	Lt I.J. CAMPBELL	10 Nov 70
3 Tp Offr	2783880	Lt P.L. WEINGOTT	4 Feb 71
LO BIEN HOA	3176328	Lt J.E. DOSSETOR	11 Mar 71

21 Engr Sp Tp

OC	216750	Capt J.F. WEBSTER	22 Jul 71
2IC	335186	Lt J.G. BITCON	16 Sep 71

EXCESS OF RANK AND FILE TRADESMEN:

CARPENTERS AND JOINERS

	1736625	Spr G.M. LYNCH
	17094	Spr L.B. EHRLICH
<u>BLACKSMITH</u>	3797772	Spr E.A. CLARKE
<u>BRICKLAYER</u>	1736882	Spr D.W. MOLYNEUX
<u>WELDER</u>	2794752	Spr R.G. HERIOT
	5717498	Spr J.W. BELCHER
	255313	Spr R.J. HAMBLYN

PLUMBER & PIPE FITTER

3799676	Spr R.J. JONES
2276385	Spr G. SHOEMARK
3800011	Spr B.W. SMITH

243415	Cpl R.C. BAMENT
--------	-----------------

ARCH DTMN

3798079	Spr K.W. NEWTON
17365592	Spr G.L. GILLHAM

FITTER ENGR EQPT

1203462	Spr R.J. DENNIS
4721705	Spr J.W. SCANLAN

Deficiency of 42 personnel consist of:

- a. 30 restricted establishment positions due to OP TIMOTHY.
- b. 4 establishment positions restricted within the normal establishment.
- c. 8 establishment positions due to personnel moving to satisfy Movements requirements, posted but not arrived or not posted.

PLANT, VEHICLES AND EQUIPMENT

1. The squadron plant, vehicle and equipment state is shown in detail in the appendices to this annex.

- Appendices:
1. A and B vehicles and equipment (1 Fd Sqn)
  2. C vehicles and plant (1 Fd Sqn)
  3. C vehicles and plant (21 EST)
  4. A and B vehicles and equipment (21 EST)

A AND B VEHICLES, COMPRESSORS AND TRAILERS - 1 FD SQN RAE

Serial	Census Code No	Designation, Make, Model and Attachments	Establishment	Army No on Charge	Condition	Remarks
a.	b.	c.	d.	e.	f.	g.
1.	6600	<u>A Vehicles</u> Carrier Personnel Full Tracked M113A1	Nil	134-238 134-275	2A 3A	Returned to 2 AOD 30 Sep 71
2.	6028	<u>B Vehicles</u> Truck Utility ¾ Ton, Cargo Landrover	7	112-904 113-934 114-012 172-171 174-334 174-339 174-347 174-348	3C 3A 3A 2A 2A 2A 2A 2A	To be returned 2 AOD 4 Oct 71, AAF406 issued for disposal in theatre.  Accepted by 30 Term Sqn for shipping
3.	6006	Truck Utility ¾ Ton, Cargo Landrover, FFR	1	108-544	3A	Returned to 2 AOD
4.	6221	Truck Cargo 5 Ton with Winch F1 International	5	171-586 171-603 171-730 171-724 171-726	2A 2A 2A 2A 2A	Water Tank Carrier Accepted by 30 Term Sqn Water Tank Carrier

A AND B VEHICLES, COMPRESSORS AND TRAILERS - 1 FD SQN RAE

a.	b.	c.	d.	e.	f.	g.
		<u>B Vehicles (Cont)</u>				
5.	6257	Truck Dump 5 cu yds GS with winch F2 International	14	171-549 171-828 171-829 171-831 171-838 171-843 171-850 171-853 171-868 171-909 174-496 175-161 175-166 174-536	2A 2A 2A 2A 2A 2A 2A 2A 2A 2A 2A 2A 2A 2A	Accepted by 30 Term Sqn  Accepted by 30 Term Sqn  Accepted by 30 Term Sqn Accepted by 30 Term Sqn Accepted by 30 Term Sqn Accepted by 30 Term Sqn Accepted by 30 Term Sqn Accepted by 30 Term Sqn Accepted by 30 Term Sqn
6.	6815	Truck Tractor 35-60 Ton Scammel	Nil	101-964	2A	Ord Loan
7.	N/A	Truck Tractor 6 x 6 M123A1	Nil	2201350	3A	US Loan Store
		<u>Trailers</u>				
8.	6015C	Trailer ½ Ton Cargo	8	154-089 154-091 154-520 173-448	3A 3A 3A 3A	} Returned to Australia
9.	6016	Trailer 1 Ton Cargo	17	100-591 100-641 100-664	3C5 3A 3A	Returned to Australia " " " " " "
10.	6819	Trailer Tilt Bed 15 Ton Four Dual Wheel	3	102-040 108-725	2A 2A	

A AND B VEHICLES, COMPRESSORS AND TRAILERS - 1 FD SQN RAE

a.	b.	c.	d.	e.	f.	g.
		<u>Trailers (Cont)</u>				
11.	6828	Semi Trailer Lowbed 35 Ton Scammel	Nil	101-955	2A	
12.	N/A	Trailers 8 Wheel 50 Ton M15A2	Nil	0741101	3A	US Loan Store
13.	N/A	Trailer Tipping 3 Ton	6	Nil	-	
		<u>Compressors</u>				
14.	4091/07	Compressors Rotary, Power Driven, 2 Stage, 9 cfm, Trolley Mounted, Ingersoll Rand	1	112-467	3A	
15.	4091/05	Compressor, Rotary, Power Driven, 100 cfm, Model GR 100	3	118-083 118-088 118-333	3A 3A 3A	Accepted by 30 Term Sqn
16.	4091/07	Compressor, Rotary, Power Driven, Diesel Engine, 250 cfm, IR Model DR 250, Trailer Mounted	Nil	31858	3A	Force Pool

C VEHICLES AND ENGINEER PLANT - 1 FD SQN

Serial	Census Code No	Designation, Make, Model and attachments	Estb	Army No on Charge	Total Hours		Cond	Source	Remarks
					Since New	Since Comp O/Haul			
a.	b.	c.	d.	e.	f.	g.	h.	i.	j.
1.	6536/L2/G2	Tractor Full Tracked Low Speed Size 6 Cat D8H A/Dozer and Winch	6	98-529	2600		2B	F/Pool	VUNG TAU
				98-398	4882		2B	F/Pool	
				98-404	5021		2B	F/Pool	VUNG TAU
				98-783	1788		2B	F/Pool	New motor fitted. VUNG TAU
				98-524	4387		2B	F/Pool	VUNG TAU
				98-525	2320		2B	F/Pool	
2.	6536/K3/N10	Tractor Full Tracked Low Speed Size 6 Cat D8H B/Blade and Rippers	1	98-394	5925		2B	F/Pool	VUNG TAU
3.	6532/K9/N9	Tractor Full Tracked Low Speed Size 2 Cat D4D B/Blade and Rippers	3	98-120	2037		2B	1 Fd Sqn	
				98-121	2272		2B	1 Fd Sqn	VUNG TAU
				98-126	2168		2B	1 Fd Sqn	VUNG TAU
4.	6531/A16/P11	Tractor Full Tracked Low Speed Size 0 Case Backhoe and FEL	1	98-671	472		1B	1 Fd Sqn	
5.	6531/L32/N5	Tractor Full Tracked Low Speed Size 0 Case A/Blade and Rippers	2	98-302	1186		2B	1 Fd Sqn	VUNG TAU RTU
				98-318	1762		2B	1 Fd Sqn	VUNG TAU RTU
6.	6568/P13	Tractor Wheeled Industrial Size 8 Cat 966B with MP Bucket	2	97-176	1942		2B	1 Fd Sqn	VUNG TAU RTU
				98-185	2105		2B	1 Fd Sqn	



a.	b.	c.	d.	e.	f.	g.	h.	i.	
7.	6565C	Tractor Wheeled Industrial Size 5 MF 205 Mk 2	1	98-219	1387		2B	F/Pool	VUNG TAU
8.	6565C/P14	Tractor Wheeled Industrial Size 5 MF 205 Mk 2 FEL	1	98-209	1521		2B	F/Pool	Hr meter U/S
9.	1045/00	Roller Towed Vibrating 10,000 lb	1	80-801	597		2B	F/Pool	
10.	6509/0	Crane Wheel Mounted 20,000 lb lift Revolving Austin Western	1	98-359	972		2B	Ord Loan	
11.	6534/P3/A9	Tractor Full Tracked Low Speed Size 4 Cat 955K Backhoe and FEL	1	98-502	1302		1B	1 Fd Sqn	Cleaned for RTA. VUNG TAU
12.	6283	Auger Earth Truck Mounted 5 Ton GS with Winch	1	171-686	540		2B	Ord Loan	
13.	L34	Rome KG Blade	2	N/A				F/Pool	3 off

C VEHICLES AND ENGINEER PLANT - 21 EST

Serial	Census Code No	Designation, Make, Model and attachments	Estb	Army No on Charge	Total Hours		Cond	Source	Remarks
					Since New	Since Comp O/Haul			
a.	b.	c.	d.	e.	f.	g.	h.	i.	j.
1.	6501	Grader Road Motorised 12 Ft Blade Cat 12	2	97-117 98-162	4069 1900		3B 2B	21 EST 21 EST	Cleaned for RTA. VUNG TAU.
2.	6534/K8/N11	Tractor Full Tracked Low Speed Size 4	2	97-079 98-283	3090 1922		2B 2B	21 EST 21 EST	Cleaned for RTA. VUNG TAU.
3.	6568/P13	Tractor Wheeled Industrial Size 8 Cat 966B with MP Bucket	1	97-183	2023		2C	21 EST	
4.	6567/W22	Tractor Wheeled Industrial Size 7 Case with Forklift	1	98-690	756		1B	21 EST	Hour meter U/S 428
5.	6568/W3	Tractor Wheeled Industrial Size 8 Cat 966C with Forklift	1	98-472	1864		1B	21 EST	Hour meter U/S 1624
6.	7504/01	Truck Forklift Diesel Pneumatic Tyred Rough Terrain 6,000 lb	1	82-689	800		2B	21 EST	Hour meter U/S

A AND B VEHICLES, TRAILERS AND COMPRESSORS - 21 ENGR SP TP

Serial	Census Code No	Designation	Estb	Held	Army No	Cond	Remarks
<u>B Vehicles</u>							
1.	6221	Truck Cargo 5 Ton GS with Winch	2	2	171-577 171-729	406 406	Awaiting paper work- RTA 406 Number 524/71 - RTA
2.	6257	Truck Dump 5 Ton GS with Winch	2	2	171-892 171-514	406 2B	406 Number 527/71 - RTA
3.	-	Truck Fire Fighting US Loan	Nil	1	4D1300	1B	
4.	6028	Truck Utility ¾ Ton GS	6	6	113-929 174-270 174-302 174-345 112-903 174-335	406 1B 1B 1B 406 1B	RTA 6 Oct 71 RTA 6 Oct 71 RTA 6 Oct 71 RTA 6 Oct 71
5.	6006A	Truck Utility ¾ Ton FFR	1	1	175-344	1B	
6.	6048	Machine Shop Truck Mounted ¾ Ton GS	1	1	113-871	406	
7.	-	Prime Mover US Loan	Nil	1	05C84669	2B	
<u>Trailers</u>							
8.	6015G	Trailer Cargo ½ Ton (Aust) No 5	1	1	154-558	2B	
9.	6016	Trailer Cargo 1 Ton	1	1	100-596	406	
10.	6822	Semi Trailer Low Bed 25 Ton	1	1	101-619	2B	
11.	6017A	Machine Shop Trailer Mounted ½ Ton	1	1	100-649	2B	RTA 6 Oct 71
<u>Compressors</u>							
12.	4091/03	Compressor Rotary 250 cfm IR Model 250	Nil	1	118-338	2B	RTA 6 Oct 71

TRAINING

Mines and Explosives Familiarisation

1. The unit conducted training in the mines room, mine incident lane and booby trap lane, for 2 SAS, 1 ARU, 302 RF Bn and visiting CMF Officers. A total of 110 personnel attended seven one and one half hour instruction periods.

1 Troop

2. Six personnel received refresher training in the mines room.

2 Troop

3. Eight personnel received refresher training in the mines room.

3 Troop

4. Four personnel received refresher training in the mines room.

Exercise Lifesaver

5. The unit conducted Exercise Lifesaver for 50% of 1 Fd Sqn Gp.

Reinforcement Training

6. This continued until 19 Sep 71.

Minewarfare Course

7. This course was introduced to give students a more comprehensive knowledge of mines, booby traps, demolitions, destruction of blinds, bunker and tunnel search and destruction and voice procedure.

8. Seven students were assessed over the four day course to determine their ability to participate as team leaders (No 1s) of Mini and Splinter teams. Six were successful.

9. Where possible, VC type improvised mines and booby traps were used and students were practised in finding and neutralising these devices. The Sqn manufactured an improvised M16 mine to leap from the ground when activated.