

Series: AWM95
Australian Army commanders' diaries
[Vietnam]

Engineer units

Item number: 4/2/74

Item: 1 Field Squadron

Narrative

Operations Log

Annex

[1-31 Aug 1971]

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.

(Signature)..... Capt
2IC 1 Fd Sqn RAE
Appointment.....
(OC Unit or senior staff officer)

SECRET

ORIGINAL
DUPLICATE

Strike out where
not applicable

COMMANDERS DIARY

OF

Unit or Formation..... 1 FD SQN GP

From..... 1 Aug 71 To..... 31 Aug 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
- to
- to
- to
- to
- to
- to
- to
- to
- to
- to

† NIL
† RETAINED
† Despatched to

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

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, the relevant papers should be attached 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 and orders given. The day's fighting, including company movements. Commander with regard to equipment, tactics, organization

tential importance.

officers, men and equipment.

ment captured.

employed in the time not accounted for. The type of

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

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

(continued on back cover)

DISPOSAL

13. **Original Commander's Diary.** This is to be forwarded monthly, unless otherwise ordered, by the 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.

6. Both original and duplicate copies are to consist of:

- Cover (AF C 2119) (Adapted).
- Index as printed on cover.
- Narrative (AF C 2118) (Adapted).
- 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) must be 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 indicated.

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

COMMANDERS DIARY NARRATIVE

UNIT 1st Sqn

MONTH AND YEAR Aug 71

OFFICER COMMANDING Maj R.P. KUDNIG

DATE	EVENT OR INFORMATION	ANNEX LETTER AND ENCLOSURE No
1 Aug	No significant operational activity.	
2 Aug	MCT continued clearing task at LONG HAI.	
3 Aug	LCT recommenced land clearing task in the TAN RU area after a lull in activities due to operation IRON FOX.	
4 Aug	MCT returned to NUI DAT, activities at LONG HAI abandoned due to constant bogging. Mine incident on Route 2 YS 458889. 20 lbs mine detonated by a truck, the third last vehicle in the convoy. (US convoy). No casualties.	
5 Aug	The mineclearing tank, C/S 92T, recommenced operations on Route 2 but became unserviceable due to an electrical failure. A TD15 dozer moved to FSB KATE. At 1425 hrs YS 357900 a tank from C Sqn 1 Armd Regt detonated a mine. It was a 50 - 60 lbs block Chicom mine with a pressure/elec initiation. The tank sustained heavy damage. No casualties. The crater was 6 feet in diameter and 8 feet deep.	
6 Aug	FSB KATE closed and TD15 dozer returned to NUI DAT.	
7 Aug	One TD15 deployed to FSB LYNETTE for a closing down task.	
8 Aug	One TD15 dozer was moved to COURTENAY HILL with the mine clearing tank. TD15 closed a rubbish pit as well as opening a new one and levelling a helicopter LZ.	
9 Aug	No significant operational activity.	
10 Aug	A TD 15 dozer and backhoe deployed to open FSB CENTENARY at XUYEN MOC. Operation INVERBRACKIE.	
11 Aug	No significant operational activity.	
12 Aug	The 955K backhoe returned from FSB CENTENARY having completed defence construction tasks.	
13 Aug	The mine clearing M48 tank became unserviceable and returned to NUI DAT from CENTENARY HILL.	

COMMANDERS DIARY NARRATIVE

UNIT 1 Sqn

MONTH AND YEAR Aug 71

OFFICER COMMANDING Maj R.P. KUDNIG

DATE	EVENT OR INFORMATION	ANNEX LETTER AND ENCLOSURE No
14 Aug	No significant operational activity.	
15 Aug	No significant operational activity.	
16 Aug	1 X LCT D8 dozer returned to NUI DAT for major repairs, leaving 4 x D8's to complete Op HONEY II.	
17 Aug	The Sqn continued to move tanks to VUNG TAU for C Sqn 1 Armd Regt. The 'Scammel' primemover belonging to 1 Fd Sqn being the only serviceable vehicle in 1 ATF suitable for the task.	
18 Aug	An M48 mineclearing tank was moved to VUNG TAU for major engine overhaul. Reconstruction of Route 327 continues.	
19 Aug	LCT returned to NUI DAT. Operation HONEY II completed.	
20 Aug	No significant operational activity.	
21 Aug	Work on the construction of the BARIA TOC continues.	
22 Aug	No significant operational activity.	
23 Aug	No significant operational activity.	
24 Aug	Reconstruction of Route 327 continues.	
25 Aug	A TD15 dozer returned from FSB ROBIN having completed defence construction tasks.	
26 Aug	No significant operational activity.	
27 Aug	LCT commenced clearance of NUI DAT Base perimeter.	
28 Aug	No significant operational activity.	

COMMANDERS DIARY NARRATIVEUNIT 1st SqnMONTH AND YEAR Aug 71OFFICER COMMANDING Maj R.P. KUDNIG

DATE	EVENT OR INFORMATION	ANNEX LETTER AND ENCLOSURE No
29 Aug	Construction of Route 327 and the BARIA TOC postponed for 1 day due to GVN elections. Land clearing continues.	
30 Aug	D8 deployed to FSB ROBIN for perimeter clearing. Returned same day. CET from 3 Tp deployed for demolition of tunnel system, area YS 452642. 400 feet of tunnel destroyed.	
31 Aug	No significant change in operational activity.	

OPERATIONS LOG

Date. 1 Aug 71.....

To be maintained by the Duty Offr/2IC.

Page. 1....

DATE/TIME	FROM	TO	EVENT	ACTION
			PRE-PLANNED TASKS Nil.	
011610	48	0A	Mine Clearing Report - LONG HAI PF Training Centre. A. 011600H. B. 1500 sq m. C. Nil. D. Omitted. E. 8.	Ack.

Date 2 Aug 71

OPERATIONS LOG

To be maintained by the Duty Offr/2IC.

Page 1....

DATE/TIME	FROM	TO	TAKEN EVENT	ACTION
			PRE-PLANNED TASKS MCT continue clearing task at LONG HAI.	
020930	7	0A	Ration Strength - JUDITH TA 41 6 I 62 23 HOLDFAST 18 TOTAL 47	Ack.
ENTRY 021515	0A	79	Changed to new frequency 43.95 at 021300H. Passed in code. A section of cavalry attached to you from tomorrow. On arrival commence operations. Timing to be notified.	Ack.
021600	48	0A	Mine Clearing Report - LONG HAI PF Training Centre. A. 021600H B. 4500 sq m. C. Nil. D. Bogged 3 times. E. 8.	Ack.

OPERATIONS LOG

Date 3 Aug 71....

To be maintained by the Duty Offr/2IC.

Page 1....

DATE/TIME	FROM	TO	EVENT	ACTION
			PRE-PLANNED TASKS	
			LCT recommenced land-clearing task in the TAN RU after a lull in activities due to operation IRON FOX.	
031100	7	0A	Fuel and Store Requirements - JUDITH 1,000 gallons of dieso 500 gallons of water.	Ack.
031110	7	0A	Ration Strength - JUDITH TA 41 14 I 62 23 HOLDFAST 18 TOTAL 55	Ack.
031540	7	0A	Land Clearing Report - JUDITH A. 25,000 sq m. B. 17 x 2.75 rockets on pod destroyed on situ. C. 5 machines 1/2 day. D. YS 576716 one grave 3 months old containing one body dressed in black PJ trousers and red shirt. Body wrapped in green plastic.	Ack.
031615	48	0A	Mine Clearing Report - LONG HAI PF Trainig Centre A. 031615H. B. 50,000 sq m. C. 21. D. Bogged 3 times. E. 8.	Ack.

OPERATIONS LOG

Date...4 Aug 71...

To be maintained by the Duty Offr/2IC.

Page.1...

DATE/TIME	FROM	TO	TAKEN EVENT	ACTION
			PRE-PLANNED TASKS MCT returned to NUI DAT, activities at LONG HAI abandoned due to bogging.	
040832	7	0A	Ration Strength - JUDITH No change (55 members).	Ack.
041555	7	0A	Land Clearing Report - JUDITH A. 35,000 sq m. B. Nil. C. 4 machines 1 full day; 1 machine 7 hours. D. Continuation of Serial 18.	Ack.
ENTRY			Mine Incident. A. C/Bty 5/42 (US) Arty. B. 040910H Aug 71. C. YS 458889 D. Detonated. E. Poss C/C TNT. F. VC local. G. 20 lbs. H. Pressure electric. I. R.H. side of truck extensively damaged. J. Nil. K. Third last vehicle in convoy detonated mine.	

Date 5 Aug 71.....

OPERATIONS LOG

To be maintained by the Duty Offr/2IC.

Page...1...

DATE/TIME	FROM	TO	EVENT	ACTION
			PRE-PLANNED TASKS The mineclearing tank, 92T, recommenced operations but became unserviceable due to an electrical failure. TD 15 dozer deployed to FSB KATE.	
051120	7	0A	Ration Strength - JUDITH TA 41 14 I33 27 HOLDFAST 18 TOTAL 59 Fuel and Store Requirements - JUDITH 500 gallons of diesel, 250 gallons of water.	Ack.
051610	7	0A	Land Clearing Report - JUDITH A. 25,000 sq m. B. Nil. C. 3 machines all day; 1 machine 1/2 day. D. Continuation of Serial 18.	Ack.
ENTRY			Mine Incident A. T1 (C/1 Armd Regt) B. 051425H Aug 71. C. YS 357900. D. Detonated. E. Chicom block in a metal container. F. Chicom. G. 50 - 60 lb. Shrapnel was also found which indicates the use of RPG7. H. Pressure switch. I. L.H. centre suspension blown off and damaged. 4 road wheels damaged. J. Nil. K. Mine left crater 6' x 6'. New parts flown in.	

OPERATIONS LOG

Date 6 Aug 71.....

To be maintained by the Duty Offr/2IC.

Page 1.....

DATE/TIME	FROM	TO	EVENT	ACTION
			PRE-PLANNED TASKS FSB KATE closed and TD 15 dozer returned to NUI DAT.	
060905	7	0A	Ration Strength - JUDITH TA 41 12 I 33 27 HOLDFAST 18 TOTAL 57	Ack.
060940	7	0A	Fuel and Store Requirements - JUDITH 1,000 gallons of dieso and 500 gallons of water.	Ack.
061600	7	0A	Land Clearing Report - JUDITH A. 40,000 sq m. B. Nil. C. 4 machines all day. D. Nil.	Ack.

OPERATIONS LOG

Date. 7 Aug 71.....

To be maintained by the Duty Offr/2IC.

Page 1....

DATE/TIME	FROM	TO	TAKEN EVENT TAKEN	ACTION
			PRE-PLANNED TASKS One TD15 dozer cleared FSB LYNETTE.	
070747	7	0A	Fuel and Store Requirements - JUDITH 500 gallons of dieso and 250 gallons of water. Ration Strength - JUDITH TA 41 15 I 31 27 HOLDFAST 18 TOTAL 60	Ack.
071427	7	0A	Land Clearing Report - JUDITH A. 45,000 sq m. B. Nil. C. 4 machines full day. D. Repair of Wild Cat complete. Serial 18 will be completed this afternoon.	Ack.

Date 8 Aug 71.....

OPERATIONS LOG

To be maintained by the Duty Offr/2IC.

Page 1.....

DATE/TIME	FROM	TO	TAKEN	EVENT	TAKEN	ACTION
				PRE-PLANNED TASKS One TD15 dozer moved to COURTENAY HILL with the mine clearing tank. TD15 closed a rubbish pit as well as opening a new one and levelled a helicopter LZ.		
082035	79	0A		Fuel Requirements for 10 Aug 71. 500 gallons of dieso 2 x 44 gallons of OE 30 1 x 44 gallons of Mogas 250 gallons of water Ration Strength - no change.		Ack.

Date. 9 Aug 71.....

OPERATIONS LOG

To be maintained by the Duty Offr/2IC.

Page..1...

DATE/TIME	FROM	TO	EVENT	ACTION
			PRE-PLANNED TASKS Nil.	
091345	7	0A	Moving from old loc to new loc.	Ack.
091510	7	0A	All callsigns complete in VIVIAN.	Ack.

OPERATIONS LOG

Date 10 Aug 71

To be maintained by the Duty Offr/2IC.

Page 1

DATE/TIME	FROM	TO	EVENT	ACTION								
100810	7	0A	<p>PRE-PLANNED TASKS</p> <p>A TD15 dozer and 955K backhoe deployed to open FSB CENTENARY at XUYEN MOC.</p> <p>Ration Strength - VIVIAN.</p> <table><tr><td>TA 41</td><td>15</td></tr><tr><td>I 33</td><td>28</td></tr><tr><td>HOLDFAST</td><td>18</td></tr><tr><td>TOTAL</td><td>61</td></tr></table> <p>No fuel requirements for tomorrow.</p>	TA 41	15	I 33	28	HOLDFAST	18	TOTAL	61	Ack.
TA 41	15											
I 33	28											
HOLDFAST	18											
TOTAL	61											
101556	7	0A	<p>Land Clearing Report - VIVIAN</p> <p>A. 45,000 sq m.</p> <p>B. Nil.</p> <p>C. 5 machines 2 hours.</p> <p>D. Service day and construction of NDP.</p>	Ack.								

OPERATIONS LOG

Date. 11. Aug. 71...

To be maintained by the Duty Offr/2IC.

Page. 1...

DATE/TIME	FROM	TO	EVENT	ACTION
			PRE-PLANNED TASKS Nil.	
111041	7	ØA	Fuel Requirements - VIVIAN 1,000 gallons of dieso 500 gallons of water 1 x 44 gallons of OE30.	Ack.
111515	7	ØA	Land Clearing Report - VIVIAN A. 160,000 sq m. B. Nil. C. 4 machines full day, 1 machine ½ day. D. Nil.	Ack.

Date..12..Aug.71..

OPERATIONS LOG

To be maintained by the Duty Offr/2IC.

Page.1....

DATE/TIME	FROM	TO	EVENT	ACTION
			PRE-PLANNED TASKS The 955K backhoe returned from FSB CENTENARY having completed its defence construction task.	
120730	7	0A	Fuel and Store Requirements - VIVIAN 500 gallons of dieso, 250 gallons of water.	Ack.
120830	0A	7	You will receive an additional 250 gallons of water.	Ack.
120945	7	0A	Ration Strength - VIVIAN = 61	Ack.
121602	7	0A	Land Clearing Report - VIVIAN A. 120,000 sq m. B. Nil. C. 5 machines all day. D. Nil.	Ack.

OPERATIONS LOG

Date.13.Aug.71...

To be maintained by the Duty Offr/2IC.

Page.1....

DATE/TIME	FROM	TO	TAKEN EVENT	TAKEN ACTION
			PRE-PLANNED TASKS The M48 mine clearing tank returned from COURTENAY HILL.	
130830	7	0A	Ration Strength - VIVIAN - No change (61) Fuel Requirements - VIVIAN 1,000 gallons of dieso, 250 gallons of water.	Ack.
131520	7	0A	Land Clearing Report - VIVIAN A. 160,000 sq m. B. Nil. C. 3 machines full day, 2 machines half day. D. Nil.	Ack.

OPERATIONS LOG

Date 14. Aug. 71...

To be maintained by the Duty Offr/2IC.

Page 1.....

DATE/TIME	FROM	TO	EVENT	ACTION
141637	7	ØA	<p>PRE-PLANNED TASKS Nil.</p> <p>Land Clearing Report - VIVIAN</p> <p>A. 120,000 sq m.</p> <p>B. Nil.</p> <p>C. 5 machines all day.</p> <p>D. Nil.</p>	Ack.

OPERATIONS LOG

Date. 15. Aug. 71...

To be maintained by the Duty Offr/2IC.

Page. 1.....

DATE/TIME	FROM	TO	EVENT	ACTION
			PRE-PLANNED TASKS Case backhoe sent to BARIA for work on the BARIA CP.	
151000	7	ØA	Ration Strength - VIVIAN - 62 Fuel 1,000 gallons of dieso.	Ack.
151550	7	ØA	Land Clearing Report - VIVIAN A. 140,000 sq m. B. Nil. C. 4 machines all day, 1 machine 6 hours. D. Nil.	Ack.

OPERATIONS LOG

Date..16..Aug..71...

To be maintained by the Duty Offr/2IC.

Page¹.....

DATE/TIME	FROM	TO	EVENT	ACTION
			PRE-PLANNED TASKS Work on the BARIA TOC continues, 1 x D8 dozer returned to NUI DAT from LCT for major repairs.	
160850	7	ØA	Ration Strength - VIVIAN - 62	Ack.
162030	7	ØA	Fuel Requirements - VIVIAN 500 gallons of dieso 500 gallons of water	Ack.

OPERATIONS LOG

Date. 17. Aug. 71...

To be maintained by the Duty Offr/2IC.

Page. 1....

DATE/TIME	FROM	TO	EVENT	ACTION
			<p>PRE-PLANNED TASKS</p> <p>Squadron move 2 tanks to VUNG TAU for C Sqn 1. Armd Regt.</p> <p>Case Size "O" dozer moved to BARIA for construction work for the BARIA Sector TOC.</p>	
170750	0A 79	79 0A	<p>Water for VIVIAN today will be 750 gallons.</p> <p>Delete 500 gallons of dieso.</p>	Ack.
170925	0A	7	No rations required today.	Ack.
171600	0A	7	<p>Land Clearing Report - VIVIAN</p> <p>A. 240,000 sq m.</p> <p>B. Nil.</p> <p>C. 4 machines all day.</p> <p>D. Nil.</p>	Ack.

OPERATIONS LOG

Date 18. Aug. 71...

To be maintained by the Duty Offr/2IC.

Page...1...

DATE/TIME	FROM	TO	EVENT	ACTION
			<p>PRE-PLANNED TASKS</p> <p>Mine clearing M48 tank moved to VUNG TAU for engine replacement.</p> <p>Reconstruction of Route 327 continues.</p>	
181018	7	ØA	<p>Fuel and Rations - VIVIAN</p> <p>Nil fuel, nil rations.</p>	Ack.
181558	7	ØA	<p>Land Clearing Report - VIVIAN</p> <p>A. 60,000 sq m.</p> <p>B. Nil.</p> <p>C. 4 machines 6 hours.</p> <p>D. Task completed.</p>	Ack.

Date..19 Aug. 71..

OPERATIONS LOG

To be maintained by the Duty Offr/2IC.

Page.1....

DATE/TIME	FROM	TO	EVENT	ACTION
191600	7	0A	<p>PRE-PLANNED TASKS</p> <p>LCT returned to NUI DAT complete. Task finished.</p> <p>Land Clearing Report - VIVIAN</p> <p>A. 160,000 sq m.</p> <p>B. Nil.</p> <p>C. 2</p> <p>D. Nil.</p>	Ack.

Date 20 Aug 71

OPERATIONS LOG

..... To be maintained by the Duty Offr/2IC.

Page. 1

DATE/TIME	FROM	TO	TAKEN	EVENT	TAKEN	TAKEN	ACTION
				PRE-PLANNED TASKS Nil.			
				No transmissions of reporting interest.			

Date 21 Aug 71

OPERATIONS LOG

To be maintained by the Duty Offr/2IC.

Page 1

DATE/TIME	FROM	TO	TAKEN EVENT	TAKEN ACTION
			<p>PRE-PLANNED TASKS</p> <p>1 x Case dozer sent to BARIA Sector TOC. Construction continues.</p> <p>No transmissions of reporting interest.</p>	

Date 22 Aug 71

OPERATIONS LOG

To be maintained by the Duty Offr/2IC.

Page 1

DATE/TIME	FROM	TO	TAKEN EVENT	TAKEN ACTION
			PRE-PLANNED TASKS Nil.	
			No transmissions of reporting interest.	

OPERATIONS LOG

Date... 23 Aug 71

To be maintained by the Duty Offr/2IC.

Page 1....

DATE/TIME	FROM	TO	EVENT	ACTION
			<p>PRE-PLANNED TASKS Nil.</p> <p>No transmissions of reporting interest.</p>	

OPERATIONS LOG

Date.24.Aug.71..

To be maintained by the Duty Offr/2IC.

Page.1....

DATE/TIME	FROM	TO	EVENT	ACTION
			<p>PRE-PLANNED TASKS</p> <p>Construction of Route 327 continues.</p> <p>No transmissions of reporting interest.</p>	

OPERATIONS LOG

Date 25. Aug. 71...

To be maintained by the Duty Offr/2IC.

Page.1...

DATE/TIME	FROM	TO	EVENT	ACTION
			<p>PRE-PLANNED TASKS</p> <p>TD 15 returned from FSB ROBIN having completed defence construction task.</p> <p>No transmission of reporting interest.</p>	

OPERATIONS LOG

Date. 26 Aug 71

To be maintained by the Duty Offr/2IC.

Page 1

DATE/TIME	FROM	TO	TAKEN EVENT TAKEN	ACTION
			PRE-PLANNED TASKS Nil.	
			No transmissions of reporting interest.	

OPERATIONS LOG

Date.27.Aug.71..

To be maintained by the Duty Offr/2IC.

Page.....¹

DATE/TIME	FROM	TO	TAKEN EVENT TAKEN	ACTION
			PRE-PLANNED TASKS LCT commenced clearance of NUI DAT base perimeter.	
271550	79A	ØA	Land Clearing Report- NUI DAT A. 4650 sq m. B. Nil. C. 1 machine 3 hours. D. Nil.	Ack.

OPERATIONS LOG

Date 28 Aug 71

To be maintained by the Duty Offr/2IC.

Page ¹

DATE/TIME	FROM	TO	EVENT	ACTION
			<p>PRE-PLANNED TASKS</p> <p>LCT continues. Reconstruction of Route 327 continues.</p>	
281645	79A	ØA	<p>Land Clearing Report - NUI DAT</p> <p>A. 100,000 sq m.</p> <p>B. Nil.</p> <p>C. 3 machines all day.</p> <p>D. Nil.</p>	Ack.

OPERATIONS LOG

Date 29 Aug 71...

To be maintained by the Duty Offr/2IC.

Page 1.....

DATE/TIME	FROM	TO	EVENT	ACTION
291446	79A	ØA	<p>PRE-PLANNED TASKS</p> <p>Reconstruction of Route 327 recommenced. CET warned out for tunnel demolition with 1 ARU 301030H.</p> <p>Land Clearing Report - NUI DAT</p> <p>A. 40,000 sq m.</p> <p>B. Nil.</p> <p>C. 2 machines half day; 1 machine three hours.</p> <p>D. Nil.</p>	Ack.

Date..30..Aug..71..

OPERATIONS LOG

To be maintained by the Duty Offr/2IC.

Page¹.....

DATE/TIME	FROM	TO	TAKEN EVENT	TAKEN ACTION
			PRE-PLANNED TASKS Construction of ROUTE 327 recommenced. Demolition of 400 foot tunnel for 1 ARU. LCT continues around NUI DAT perimeter.	
301545	79A	0A	Land Clearing Report- NUI DAT A. 83,300 sq m. B. Nil. C. 2 machines all day. D. Nil.	Ack.

OPERATIONS LOG

Date. 31. Aug. 71...

To be maintained by the Duty Offr/2IC.

Page. 1...

DATE/TIME	FROM	TO	TAKEN EVENT	TAKEN ACTION
			<p>PRE-PLANNED TASKS</p> <p>Land clearing around NUI DAT perimeter continues. Construction of the BARIA TOC continues. Mine clearing tank, 92T to be picked up from VUNG TAU.</p>	
311410	79A	0A	<p>Land Clearing Report - NUI DAT</p> <p>A. 40,000 sq m.</p> <p>B. Nil.</p> <p>C. 3 machines half day.</p> <p>D. Nil.</p>	Ack.

10 Sep 71.

D Engrs

1 FD SQN GP PERIODICAL TECHNICAL REPORT
AS AT 31 AUG 71

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

Personnel

1. A reduction in operations has eased the manning situation to an acceptable level provided replacements are made as discussed with CE AFV.

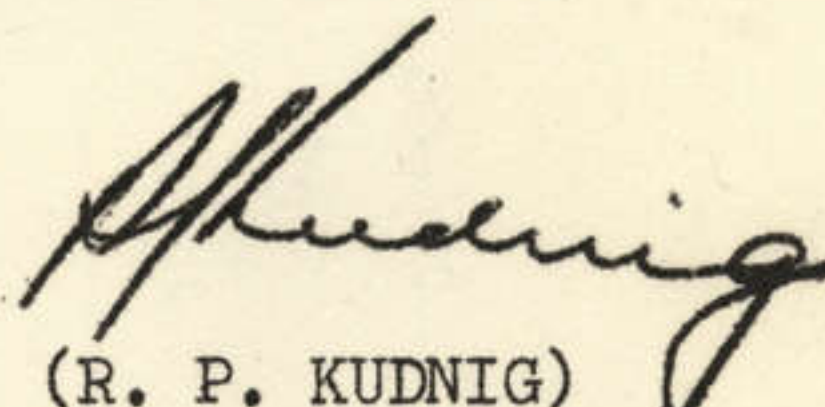
Training

2. The Advanced Minewarfare Course mentioned in the last Report is to be held early in September: one or two of these courses should solve the No 1 problem.

3. It is proposed to hold a one day seminar in September for Senior NCOs to discuss their responsibilities in the service.

Works

4. The construction of a Command Post in Baria for South Vietnamese forces is progressing well now that initial stores problems have been resolved.



(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 IRON FOX 27 Jul 71 to 5 Aug 71
 - b. Operation HONEY II 24 Jun 71 to 19 Aug 71
 - c. Operation INVERBRACKIE 10 Aug 71 to 22 Aug 71
 - d. Operation CUDLEE CREEK 23 Aug 71 - continues
 - e. Operation NORTH WARD 6 Aug 71 - continues
2. Operation IRON FOX. A 1 ATF operation in the TRAC Special AO NE of Courtenay Hill. The aim of this operation was to destroy HQ 274 Regt believed to be in that area.
3. Operation HONEY II. This was a 1 Fd Sqn LCT operation in the TAN RU area. It involved the clearance of access trails throughout the area and ended with the land-clearance of Route 327 to 200 metres either side from the SONG RAI river to BINH GIA village.
4. Operation INVERBRACKIE. This was a 3 RAR operation in AO XUYEN MOC, the aim being to seek and destroy the enemy and ultimately provide security to XUYEN MOC during local elections.
5. Operation CUDLEE CREEK. A 3 RAR operation in AO GLENELG North of Route 23.
6. Operation NORTHWARD. A 4 RAR/NZ (ANZAC) Bn operation in AO BIRDSVILLE to interdict enemy supply routes into the populated areas along Route 2.
7. The MCT conducted clearance operations at the PHUOC TUY PF Training Centre at LONG HAI.

Activities and Works

8. Reconstruction of Route 327 east of BINH GIA is now nearing completion and should finish on the 2 Sep 71. (See Plant Troop Report).
9. The construction of the Tactical Operational Centre at BARIA Sector HQ commenced during August. A separate report is attached.
10. Requests for engineer assistance were received from PHUOC TUY Province Authorities and the following engineer reports submitted to 1 ATF for consideration:
 - a. BINH BA RF Post Minefield,
 - b. BARIA POL Storage Area,
 - c. PHU MY Demonstration Farm, and
 - d. Proposed US 155 mm Howitzer Position at the HORSESHOE.

11. All new construction and most maintenance work has ceased in the 1 ATF base area due to the planned withdrawal in October 71. The recapping of kitchen floors has ceased.

12. During August the Recce/Works Section processed the following works and maintenance demands for installations and facilities within the 1 ATF base area:

- a. Twenty Demands for Engineer Works,
- b. Twenty demands for repair and maintenance,
- c. Six demands for defence stores, and
- d. Thirty two demands for quarry materials.

Appendices:

- 1. 1 Troop Monthly Report
- 2. 2 Troop Monthly Report
- 3. 3 Troop Monthly Report
- 4. Land Clearing Team Monthly Report
- 5. Mine Clearing Team Monthly Report
- 6. Tactical Operation Centre BARIA Report
- 7. Plant Troop Report
- 8. 21 Engr Sp Tp Report

AFTER ACTION REPORT

Operations: IRON FOX and NORTHWARD. By: Capt G. MORRIS, 1 Tp Comd.
AOs: BIRDSVILLE and TRAC SPECIAL. For: OC 1 Fd Sqn Gp.
FSBs: ROBIN, DEBBIE. Date: 31 Aug 71.
Maps: VIETNAM, Series L, Sheet 6A, 1:50,000.

General

1. From 1 - 5 Aug 71, 4 RAR/NZ (ANZAC) Bn continued with Operation IRON FOX in the TRAC SPECIAL AO to the North East of COURTENAY HILL.
2. On 5 Aug 71, this operation was concluded, 3 RAR were redeployed, and 4 RAR commenced Operation NORTH-WARD. This operation, which still continues, is aimed at the interdiction of enemy supply routes into the populated areas along Route 2.
3. Recent reports throughout the month indicated the strong possibility of a determined effort by enemy units to disrupt the elections on the 29 Aug. Such action did not, however, take place.
4. Throughout the month Battalion Headquarters remained at COURTENAY HILL.

1 Troop Activities

5. 1 Troops main activities during Aug 71 have been to:
 - a. Support 4 RAR/NZ (ANZAC) Bn;
 - b. provide a forward Tp HQ;
 - c. provide an operating team for the M48 mine clearing tank; and
 - d. provide mini teams for armoured and cavalry operations.

Results

6. The following are the results for Operations IRON FOX and NORTHWARD (4 RAR only).

a. Enemy Casualties

(1) VC KIA	8
(2) VC WIA	3
(3) VC PW	Nil
(4) VC HOI CHANH	Nil
(5) Detainees	Nil

b. Own Casualties

- (1) Aust/NZ KIA Nil.
- (2) Aust/NZ WIA Nil.

c. Mine Incidents

- (1) At YS 458889 (Route 2 approximately 1 mile South of COURTENAY HILL) a 5 ton truck of C Bty 5/42 (US) Artillery convoy detonated an estimated 20 lb charge. Initiation was by a pressure electric device. The truck was extensively damaged, but there were no casualties. The Splinter Team attached to Bn HQ at COURTENAY HILL later found a preparation area near the scene of the incident. As a result of this incident, the M48 mine clearing tank was deployed to COURTENAY HILL. The unsealed section of Route 2 (from the province border to COURTENAY HILL) is now cleared daily before vehicle movement is permitted.

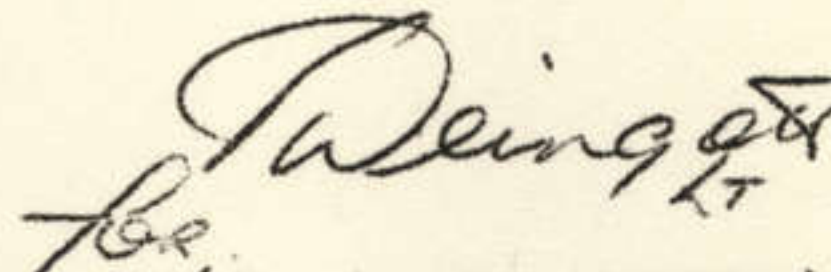
d. Enemy Installations Destroyed

- (1) Bunkers 48
- (2) Tunnels 1 (System discovered under buildings in CAM MY village).

Troop Commanders Comments

7. Aug 71 has been an active month, with all teams gaining a considerable amount of operational experience, but having little to do in the way of sapper tasks.

8. The improved standard of training being achieved through the efforts of the training and trials officer is well reflected in the increased proficiency of the reinforcement personnel. Vacancies on the No 1s course are eagerly sought and it is considered that the previous requirement, that a sapper spend from 5-6 months in country before being able to become a team leader, has been well and truly negated.


(G. A. N. MORRIS)
Capt
1 Tp Comd

AFTER ACTION REPORT

Operations: IRON FOX, INVERBRACKIE By: Capt J. TICK, 2 Tp Comd
AOs: TRAC SPECIAL, XUYEN MOC, GLENELG For: OC 1 Fd Sqn Gp
FSBs: KATE, ZIGGIE, CENTENARY Date: 31 Aug 71
Maps: XUYEN MOC, 1:50,000
 XA XUAN LOC, 1:50,000
 XA BINH BA, 1:50,000

General

1. Operation IRON FOX

- a. Operation IRON FOX continued from Jul until 6 Aug 71. In this operation 3 RAR were deployed as a blocking force whilst 4 RAR conducted the sweep.
- b. The Battalions aim was to block movement of enemy troops to the west and south west of the TRAC SPECIAL AO.
- c. 2 Tp 1 Fd Sqn provided splinter and mini teams for both infantry and cavalry, as well as the troop headquarters minus. A CET was based at FSB KATE as a ready reaction force. During this operation 2 Tp was fully committed.

2. Operation INVERBRACKIE

- a. 3 RAR commenced Operation INVERBRACKIE on the 10 Aug 71 and is continuing.
- b. The aim of the operation is to seek out and destroy the enemy in AO GLENELG and the XUYEN MOC AO.
- c. Due to the RTA administration being carried out by the Battalion there has been a tapering off of the requirement for splinter teams. Since the 25 Aug 71, when FSB ZIGGIE closed, the troop has had minimal deployment with 3 RAR.

3. Results of Operations

a. IRON FOX

- (1) Enemy Casualties. The following enemy casualties were inflicted by 3 RAR:
 - (a) 1 x VC KIA (BC)
 - (c) 1 x VC WIA (BT)
- (2) Friendly Casualties
 - (a) 5 x Aust WIA

(3) Weapons and Ammunition Captured

2 x AK47

49 x grenades (friction ignited)

62 x BLU 3B's

5 x M79 rounds (HE) (All ordnance destroyed)

7 x B40 RPG rounds

9 x 82 mm fuses

1 x 82 mm mortar rounds

3 x 60 mm mortar rounds

(4) Equipment

2 x VC packs

1 x US torch

1 x prismatic compass

(5) Food

1 x 25 lb bag of rice

1 x 7 lbs bag of coarse salt

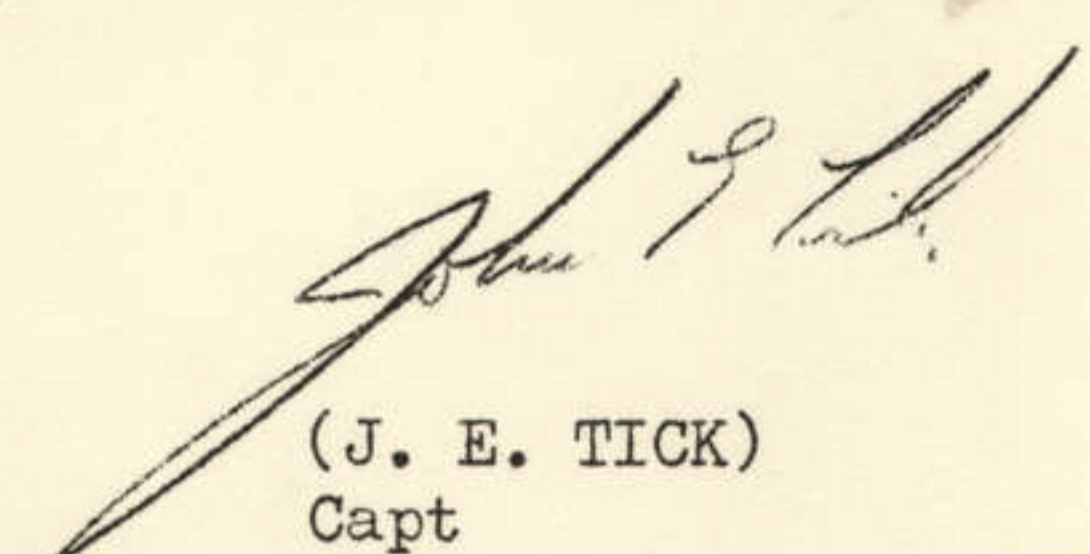
(6) Bunker Systems

(a) One large and 3 small bunker systems were destroyed. The large system consisted of 15 bunkers, 10' x 8' x 5' with 3' OHP.

b. Operation INVERBRACKIE. No official casualties have as yet been reported.

4. Training. Section training continued when operational commitments allowed. No training of supported units was undertaken.

5. Troop Commanders Comments. No major problems were encountered in either Operation IRON FOX or Operation INVERBRACKIE.


(J. E. TICK)
Capt
2 Tp Comd

AFTER ACTION REPORT

Operations: IRON FOX, NORTHWARD,
INVERBRACKIE, CUDLEE CREEK By: Capt E. TOMCZAK, 3 Tp Comd

AOs: TRAC SPECIAL, BIRDSVILLE,
XUYEN MOC, OTAGO For: OC 1 Fd Sqn Gp

FSBs/NDPs: DEBBIE, SUSAN, CHERIE, KATE,
ZIGGIE, ROBIN, CENTENARY, GARTH Date: 31 Aug 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) reinforcement training;
 - (2) construction and maintenance tasks in the 1 ATF base area; and
 - (3) construction of a Tactical Operations Centre (TOC) at BARIA.
 - c. The provision of mine incident and booby trap training and mines room instruction to other arms.

Units Supported

2.
 - a. A Sqn 3 Cav Regt
 - b. C Sqn 1 Armd Regt
 - c. 17 Const Sqn RAE
 - d. 1 Fd Sqn RAE
 - e. 1 ARU; and
 - f. JWTC

Tasks

3. Tasks performed by the troop during the period were:
 - a. (1) Support of Armoured operations in the areas of SUOI CA/SOC on the LONG KHANH/PHUOC TUY province border, West of Route 2 and
 - (2) Support of Cavalry operations in the areas of ZIGGIE, GARTH, CHERIE, SUSAN, KATE, ROBIN, DEBBIE, XUYEN MOC, Route 327;

- (3) Provision of mine and booby trap training for reinforcements of 1 Fd Sqn and 17 Const Sqn and elements of the JWTC; and
- (4) Provision of mines room instruction and mine incident training for 1 ARU personnel.
- 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. Provision of a CET for tunnel search and demolition in support of 1 ARU;
- e. Provision of the Tp officer for OC 1 Fd Sqn LCT;
- f. Troop Commander carrying out Projects officer duties at the BARIA TOC; and
- g. Returning troop stores and area clean up commenced in preparation for the withdrawal of the unit to Australia.

Deployment

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

Duration

- 5. 1 Aug 71 to 31 Aug 71.

Results

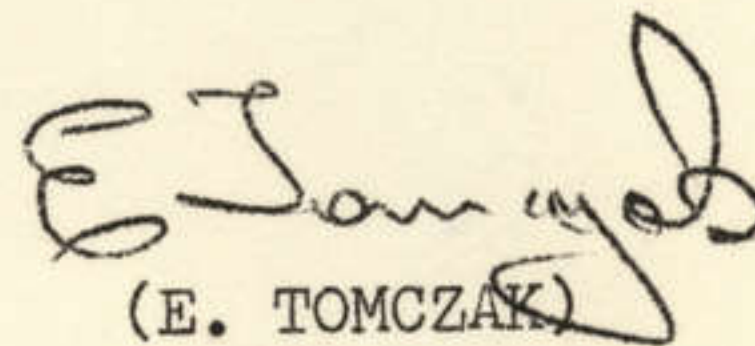
- 6. a. Tunnel system complex of approximately 400' destroyed;
- b. Quantity of blinds located and destroyed; and
- c. One 5" naval rocket blown in situation.

Training

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

Troop Commanders Comments

- 8. The employment of our more inexperienced FEs and tradesmen on trade tasks with the BARIA TOC has resulted in these people falling behind in FE training. It is, however, envisaged that these personnel will remain on trade tasks for the remainder of time that the unit has in country.


 (E. TOMCZAK)
 Capt
 3 Tp Comd

LAND CLEARING REPORT

<u>Operations:</u>	HONEY II	<u>By:</u>	Lt P. L. WEINGOTT
<u>AOs:</u>	GLENELG, LCT SPECIAL AO	<u>For:</u>	OC 1 Fd Sqn Gp RAE
<u>NDPs:</u>	JUDITH, VIVIAN	<u>Date:</u>	31 Aug 71
<u>Maps:</u>	XUYEN MOC, 1:50,000 Sheet 6430 II NUI DAT SPECIAL, 1:10,000		

General

1. 1 Fd Sqn LCT carried out the following tasks during the reporting period.
 - a. Completion of the cutting of fire trails in the TAN RU area on 9 Aug 71;
 - b. Redeployed to NDP VIVIAN YS 580772 on the 9 Aug 71 and completed clearance astride Route 327 on the 19 Aug 71;
 - c. Redeployment to NUI DAT. Operation HONEY II complete; and
 - d. Work commenced on cleaning around NUI DAT perimeter on the 27 Aug 71.

Deployment

2. a. The following elements remained in direct support of the LCT until 19 Aug 71,
 - (1) Cav Tp A Sqn 3 Cav Regt;
 - (2) An ACV from A Sqn 3 Cav Regt;
 - (3) One infantry Pl from 3 RAR;
 - (4) One petrol point operator from TFMA Pet Pl;
 - (5) One air dispatch operator from Det 176 Air Dispatch Coy; and
 - (6) Med assist from 1 Aust Fd Hosp.
- b. The following elements were on call for general support until 19 Aug 71:
 - (1) One sect 81 mm mortars from 3 RAR; and
 - (2) One sect A Fd Bty.

Results

3. a. Access trails completed on the 8 Aug 71, total area cleared 784 acres; and
- b. Clearance astride Route 327, for a distance of 200 m either side, completed on 19 Aug 71. Total area cleared 810 acres.

Serviceability

4.
 - a. During the reporting period 5 machines were available for land clearing. One D8 being returned on the 15 Aug 71 for engine and canopy replacement; and
 - b. In addition to daily servicing the following services were carried out:
 - (1) 1 x 50 hr;
 - (2) 2 x 250 hr; and
 - (3) 1 x 1,000 hrs on return to NUI DAT.

Comments

5.
 - a. Vegetation. Area astride Route 327 was found to be thick undergrowth with little or no heavy timber. Predominantly bamboo.
 - b. Terrain. No difficulties were encountered due to terrain. Certain areas were unable to be cleared owing to swampy conditions, enhanced by the wet season.
 - c. Rate of Progress
 - (1) In the access trail area average daily area cleared remained 13 acres per day.
 - (2) Astride Route 327, the daily average for 11 hr working day was 65 acres per day.
 - d. Soil Types
 - (1) Predominantly laterite with sandy silt in the lower areas; and
 - (2) Area east of YS 580772 astride Route 327 showed numerous outcrops of an unknown volcanic rock suitable for road base.

P. L. Weingott

(P. L. WEINGOTT)
Lt
OC LCT

MINE CLEARING REPORT

Operation: Minefield Clearance

By: Lt J. DOSSETOR

AO: Territorial Forces AO

For: OC 1 Fd Sqn Gp

Map: VUNG TAU (NE) 1:25,000

Date: 5 Aug 71

General

1. The Mine Clearing Team moved to LONG HAI to clear minefields around the perimeter and in neighbouring training areas of the PHUOC TUY PF Training Centre at 260800 H Jul 71.
2. Due to a priority task with 1 ATF on Operation IRON FOX the MCT redeployed from LONG HAI at 271200 H Jul 71. The MCT returned to LONG HAI at 300830 H Jul 71 to complete the task.

Minefields

3. Work was carried out in the following minefields:
 - a. Eastern side of Route 44 from YS 451490 to YS 453489, an area of 150 metres by 10 metres was cleared. Twenty eight M14s were detonated during the clearance on 26 Jul 71.
 - b. Southern side of the range entry road YS 451494, an area 100 metres by 30 metres in a suspected M16 minefield. No mines were detonated or sighted during clearance on 1 - 2 Aug 71.
 - c. Suspected VC mined area YS 451495, an area 50 metres by 50 metres. It was impossible to fully clear this area due to the rocky ground, but no evidence of any mines or booby traps was found.
 - d. Western side of the Training Centre from YS 449492 to YS 448494, an area 300 metres by 5 metres. This minefield was suspected of containing M16 and M14 mines. Twenty one M14 mines were detonated during clearance on the 3 Aug 71, although part of the field was under water up to 18 inches deep.
 - e. Behind the Training Centre from YS 451488 to YS 450491. Three separate attempts were made to enter this field (500 metres by 15 metres) from two different ends but the weight of the dozer broke through the surface crust and the machines bogged, making it impossible to clear the field with the mineclearing dozers.

Clearance Method

4. Due to the sandy soil, high water table and restricted operating areas it was necessary to clear the fields by sifting, i.e. working the dozers backwards and forwards.

5. Route 44 and the range entry road were closed for the required periods during the clearance of the respective minefields.

Problems Encountered

6. No minefield records exist for the areas cleared and there appeared to be no regularity in the fields.

7. Mechanical problems plagued the mine clearing safety APC causing a 1½ day delay in clearance.

8. Considerable trouble was found with the machines breaking through the sandy surface crust and bogging because of the high water table. A total of ten hours was lost due to bogging and it was impossible to use both machines at one time in case they became simultaneously bogged.

Conclusion

9. The Mine Clearing Team cleared mined and suspected areas around the PHUOC TUY PF Training Centre between 26 Jul - 4 Aug 71.

10. The minefield behind the Training Centre from YS 451488 to YS 450491 has not been cleared due to the nature of the ground in which the mines are laid.

J. E. Dossetor
for (J. E. DOSSETOR)
Lt
OC MCT

BARIA TOC REPORT

AO: Territorial Forces AO

By: Capt E TOMCZAK

Location: Sector HQ BARIA

For: OC 1 Fd Sqn Gp

Date: 31 Aug 71

General

1. Work on the BARIA Tactical Operations Centre (TOC) started on 12 Aug 71. The first week was spent on site preparation, entry/exit routes and drainage. Due to the high water table and the sandy/clay consistency of the soil a considerable amount of blast rock and 3 inch minus gravel was required to provide firm foundations for the main portal footings.

Work Force

2. The nucleus of the work force came from 1 Fd Sqn consisting of an ACW and three carpenters. The remaining labour was provided from:

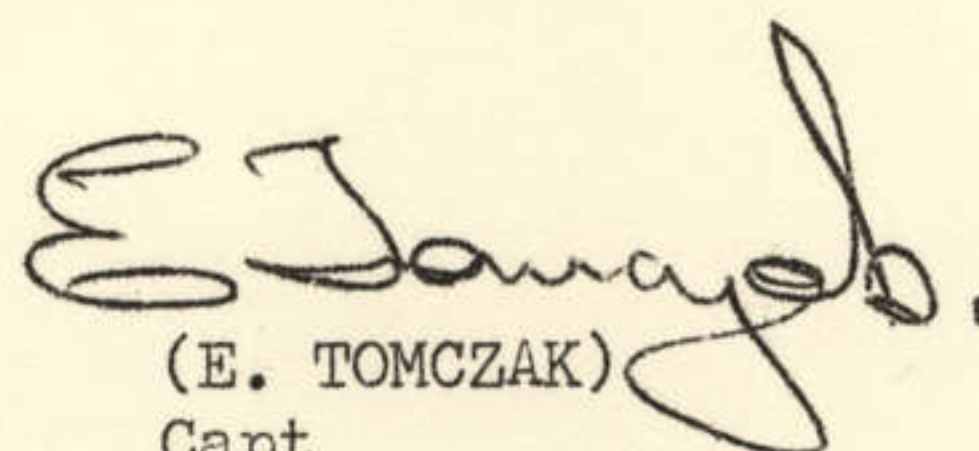
- a. Assault Pioneer Platoon 4 RAR/NZ (one section);
- b. Ready Reaction Coy 3 RAR (one section); and
- c. Other tradesmen were drawn from 1 Fd Sqn on an as required basis.

Progress

- 3.
 - a. The rate of progress has been slow due to the single factor that stores as listed in the specifications were not available and "in lieu" items were not acceptable. These stores problems have been overcome and it is now anticipated that the stages of construction nominated will be completed by the 16 Oct 71.
 - b. Stages of Construction Now Complete
 - (1) Ten of the twelve footings for the steel portals have been poured. The remaining two have been left to provide entry/exit routes to the site.
 - (2) Two sides of the blast wall have been partially completed. In fact only one other side will be completed before filling of same is commenced. This is also to allow for entry/exit to the site.
 - (3) Prefabrication of steel frame portals continues in NUI DAT.
 - (4) Prefabrication of roof trusses continues in NUI DAT.

Comments

4. Cooperation from 1 Fd Sqn Wksp, 21 Engr Sp Tp and 55 EWPS has been very good.


(E. TOMCZAK)
Capt
OIC

PLANT TROOP ACTIVITIES

General Outline

1. Operational and constructional tasks have continued to keep the troop fully occupied throughout the month and it remains convenient to use the following major categories:

- a. Operational Tasks;
- b. 1 ATF Major Tasks;
- c. 1 ATF Minor Tasks; and
- d. Miscellaneous Tasks.

Operational Tasks

2. Land clearing, mine clearing and FSB/NDP activities continue to form the bulk of this work.

- a. Land Clearing Team. This team was involved in the following tasks:
 - (1) Operation HONEY II continued from NDP JUDITH from 3 - 8 Aug 71, when the team was diverted to an additional task of clearing Route 327 from NDP VIVIAN. This lasted ten days from 19 Aug 71, when the team returned to NUI DAT.
 - (2) At present the team is involved with the task of clearing between and out to 400 metres from the NUI DAT base perimeter wire. Deployment of the team commenced 27 Aug 71 and by 31 Aug 71 three D8s had been repaired and commenced work.
- b. Mine Clearing Team. This team has been in NUI DAT since 4 Aug when the mine clearance in the LONG HAI village area was abandoned. During this time both D8s have been used in maintenance and construction in the base area. It is expected that the team has completed its clearing tasks and will in the near future be converted back to their original D8H state for RTA.
- c. FSB/NDP Tasks. The following plant assistance was required:
 - (1) FSB LYNETTE
 - 1 x TD 15B 7 Aug
 - (2) FSB KATE
 - 1 x D8 6-7 Aug
 - 1 x TD15B 5-6 Aug

(3) FSB CENTENARY

1 x TD15B	10-12 Aug
1 x Case Backhoe	11-12 Aug
1 x 955K	10-11 Aug

(4) FSB ROBIN

1 x TD15B	23-25 Aug
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(5) FSB ZIGGIE

1 x D4	21-25 Aug
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- d. M48 Mine Clearing Tank. On 15 Aug, a second M48 tank was received by the unit and from 7 Aug 71 onwards there was a continual requirement for one or other of the tanks for clearance of Route 2 in the COURTENAY area. Electrical and mechanical problems forced both tanks out of operations during the month, but at least one was kept operational until 31 Aug 71 when both tanks were non-operational. To the present date attempts to repair both tanks have been unsuccessful.

1 ATF Major Tasks

3. a. 1 ATF Internal Roads. Work has continued on NUI DAT roads as plant availability and weather has allowed.
- b. Route 327 Construction. This task was completed by 31 Aug. The causeway construction over paddy East of BINH GIA was completed to the stage where wheeled traffic could be comfortably taken, although more compaction equipment would be required before a lasting surface assured. In addition the BINH GIA village road was reshaped and compacted.
- c. Destruction of Vacated Lines. When C Bty 5/42 (US) Arty withdrew from NUI DAT, perimeter defences were altered and the vacated lines had to be destroyed and levelled. This work was carried out with the use of the mine clearing D8s and other dozers as available over the three week period.

1 ATF Minor Tasks

4. Normal maintenance and repair tasks within the NUI DAT base area continued.
5. Daily plant requirement for both laterite pit and rubbish dump continued.

Miscellaneous Tasks

6. Plant assistance was given to the BARIA TOC construction project in the form:
- a. Case B/B, 18-21 Aug & 23 Aug; and
- b. Case B/H, 15-17 Aug.
7. A D8 was deployed to FSB ROBIN on 31 Aug 71 to carry out perimeter land clearing task.

8. On 5 Aug 71, a grader and dozer were used to repair a section of road damaged by the mine clearing team during their DINH CO task.

9. The Scammel prime mover continued to be used to ferry the cleaned Centurion tanks to VUNG TAU for C Sqn 1 Armd Regt's withdrawal from theatre.



(A. WHITE)

Capt

OC Plant Tp

21 ENGINEER SUPPORT TROOP
PERIODICAL TECHNICAL REPORT
AS AT 31 AUG 71

General

1. Stocktake. The count of stores and reconciliation of discrepancies were carried out but the results were unacceptable to the OC. It is proposed that a progressive stocktake will be carried out as stores are packed for RTA.
2. RTA of Unit
 - a. It is required in HQ 1 ATF R553/1/10 of 26 Aug 71, Provisional Withdrawal timings, that 21 EST main body be available for RTA on 16 Oct 71.
 - b. There is also a requirement for a detachment of 21 EST to remain with the 4 RAR Gp till approximately 19 Mar 72, to supply power and water.
 - c. In order to meet 1 ATF requirements the following is provisionally planned.
 - (1) Close down of unit workshops over the period 4-11 Sep 71.
 - (2) Movement of advance party to VUNG TAU on the 15 Sep 71.
 - (3) Phasing of unit stores and personnel to VUNG TAU, 16-30 Sep 71.
 - (4) Due to the requirement of maintaining water points and power stations for the task force and defence stores for 4 RAR till 16 Oct 71, elements will remain to operate these facilities.
 - (5) C vehicles and operators are to be released back to the troop as soon as 1 Fd Sqn operational and works requirements are met.
3. All P26 action was stopped except for urgent operational requirements.

Stores Section

4. a. Defence Stores. A comparison of issues for Jul and Aug is shown in the table below.

	Jul	Aug
Dannert (rolls)	1128	310
Barbed Wire (coils)	226	100
Sandbags (bags)	173000	32200
Pickets (ea)	7482	2098
RPG Sreens (rolls)	94	8

- b. Project/R and M Stores. The only outstanding project at this stage requiring stores is the BARIA TOC. A number of problems have arisen in obtaining requested stores, the majority of which have been solved by "in lieu" items, some of which have had to be procured through VN Sources. A number of indents still remain unsatisfied but these at present look like being filled by in lieu issues.

Workshops

5. a. Fitters. The following summary covers repairs and maintenance to equipments during the reporting period:
- (1) 125 KVA - Three (3) 1000 hr services
Three (3) top overhauls
Three (3) general repairs
 - (2) 62.5 KVA - Three (3) 1000 hr services
One (1) 100 hr service
Two (2) top overhauls
Five (5) general repairs
 - (3) 20 KVA - Two (2) general repairs
 - (4) Pumps - Seven (7) ALCON overhauls
Two (2) ALCON general repairs
 - (5) Washing Machines - Eleven (11) general repairs
 - (6) Forrest Mill - One (1) general repair
 - (7) Cement Mixer, 16 cu ft - Two (2) general repairs
 - (8) Vibrator Concrete - Two (2) general repairs
 - (9) Outboard Motor - One (1) general repair
- b. The section worked 1208 hours to complete 48 tasks. Nine tasks are still outstanding awaiting parts.
- c. Carpenters
- (1) This section has been employed on:
 - (a) Construction of RTA boxes, and
 - (b) Normal R & M in 1 ATF base
 - (2) Total hours worked - three men 603 hours.
- d. Painters. Normal painting of signs and boxes, also concrete mixers and vehicles. Two painters worked a total 414 hours.
- e. Welders. This section was employed mainly on R & M tasks within 1 ATF. One welder worked a total 210 hours.
- f. Plumber. This section was employed on general R & M of 1 ATF, also laid water line for the 1 ATF vehicle wash. One plumber worked 172 hours. 9 service calls were answered.

g. Refrigeration Mechanics

- (1) This section carried out normal R & M.
- (2) Statistics are detailed:
 - (a) 29 Refrigerators,
23 Airconditioners,
6 Icemakers,
1 Water cooler, and
1 Deep freeze.
 - (b) 65 lb of F12 and 25 lb of F22 were used.
 - (c) 58 service calls were answered.
- (3) Total hours work 570 hours.

h. Electricians

- (1) The section carried out maintenance tasks and minor new work including lighting for 24 hour 1 ATF wash point.
- (2) Minor new works projects accounted for a total of 131 man hours.
- (3) Other man hours worked:
 - (a) R & M - 241 hours,
 - (b) KVA - 41 hours,
 - (c) Washing machines - 67 hours,
 - (d) General maintenance/administration - 45 hours.

Water Production

6.

Water Figures for the Month of Aug Including Comparison with Jul				
Location	Daily Ave Jul	Total Jul	Daily Ave Aug	Total Aug
Banana	19,161	594,008	22,262	690,120
Luscombe	20,770	622,400	17,706	548,900
Wambat	34,000	1,063,000	35,613	1,104,000
Total	73,931	2,279,408	75,581	2,343,020

Fire Service

7.
 - a. Five calls in Aug for a total of 38.5 man hours,
 - b. It is proposed to hand over fire fighting responsibilities on 15 Sep 71 with the transfer of the Aust tender to 161 fire fighting team at Luscombe and return US fire tender, and

- c. Training of personnel continues with actual practise on buildings being destroyed due to withdrawal of US Bty from NUI DAT.

Unit Strength Detail

8. As at 31 Aug 71, 2 Offr, 87 OR. Total 89:

a. Deficient the following

- (1) Spr Mech Elec, three.
 - (a) One deficient from 16 Jun 71. Replacement applied for retention.
 - (b) One deficient 19 Aug 71. Replacement 2 Sep 71.
 - (c) One deficient 5 Aug 71. Replacement 2 Sep 71.
- (2) Spr Stmn Tech one. Deficient 19 Aug 71. Replacement 2 Sep 71.
- (3) Spr Driver one. Deficient 19 Aug 71. Replacement 2 Sep 71.
- (4) Fitter Engr Eqpt, one. Deficient 16 Jun 71. Replacement 2 Sep 71.
- (5) Carpenter and Joiner, one. Deficient 5 Aug 71. Replacement 16 Sep 71.
- (6) Cpl Med Asst. Increase to Establishment. Arrival not known.



(J. F. WEBSTER)
Capt
OC

ANNEX B TO
1 FD SQN TECH REPORT
DATED 31 AUG 71

PERSONNEL

STRENGTH STATE:

NAME OF UNIT	ESTABLISHMENT NO	ESTABLISHMENT STRENGTH	POSTED STRENGTH
1 Fd Sqn RAE	11/10/4(TW)	11 - 248	11- 189
21 Engr Sp Tp	11/12/3(TW)	2 - 95	2- 87

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
Recce Offr	3176328	Lt J.E. DOSSETOR	11 Mar 71
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
MCT Comd	61768	Lt I.J. CAMPBELL	10 Nov 70
LCT Comd	2783880	Lt P.L. WEINGOTT	4 Feb 71
LO BIEN HOA	1200763	Lt H.J. PARUSEL	17 Sep 70

21 Engr Sp Tp

OC	216750	Capt J.F. WEBSTER	22 Jul 71
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EXCESS OF RANK AND FILE TRADESMEN:

CARPENTER AND JOINERS

	1736625	Spr G.M. LYNCH
	17094	Spr L.B. EHLICH
<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

2276385
4721450
3800011

Spr G. SHOEMARK
LCpl K.J. HODGE
Spr B.W. SMITH

ELEC MECH
(No 1 FE)

1202994

Cpl D.R. STRINGER

ARCH DTMN

3798079
1736592

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

FITTER ENGR EQPT

1203462
4721705

Spr R.J. DENNIS
Spr J.W. SCANLAN

Deficiency of 59 personnel consist of:

- a. 30 restricted establishment positions due to OP TIMOTHY.
- b. 4 establishment positions restricted within the normal establishment.
- c. 25 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 M 113 A1	Nil	134-238 134-275	2A 3A	(Used for (Mine Clearing
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	AAF-F406 issued.
3.	6006	Truck Utility ¾ Ton, Cargo Landrover, FFR	1	108-544	3A	Due for return to 2 AOD on 3 Sep 71.
4.	6221	Truck Cargo 5 Ton with Winch F1 International	5	171-586 171-603 171-730 172-724 171-726	2A 2A 2A 2A 2A	Water Tank Carrier Water Tank Carrier
5.	6257	Truck Dump 5 cu yds GS with Winch F2 International	14	171-531 171-549 171-828 171-829 171-831	2Cx 2A 2A 2A 2A	Accident

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	Cont'd from previous page		171-838 171-843 171-850 171-853 171-868 171-909 174-496 175-161 175-166	2A 2A 2A 2A 2A 2A 2A 2A 2A	
6.	6815	Truck Tractor 35-60 Ton Scammel	Nil	101-964	2A	Ord Loan
7.	N/A	Truck Tractor 6x6 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	
9.	6016	Trailer 1 Ton Cargo	17	100-591 100-641 100-664	3C5 3A 3A	
10.	6819	Trailer Tilt Bed 15 Ton Four Dual Wheel	3	102-040 108-725	2A 2A	
11.	6828	Semi Trailer Lowbed 35 Ton Scammel	Nil	101-955	2A	
12.	N/A	Trailers 8 Wheel 50 Ton M15 A2	Nil	0741101	3A	US Loan Store
13.	N/A	Trailer Tipping 3 Ton	6	Nil	-	

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

a.	b.	c.	d.	e.	f.	g.
		<u>Compressors</u>				
14.	4091/07	Compressors Rotary, Power Driven, 2 Stage, 9 cfm, Trolley Mounted, Ingersoll Rand	1	112467	3A	
15.	4091/05	Compressor, Rotary, Power Driven, 100 cfm, Model GR 100	3	118083 118088 118333	3A 3A 3A	
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
AS AT 31 AUG 71

APPENDIX TO
ANNEX C TO
1 FD SQN PERIODICAL
TECHNICAL REPORT
AS AT 31 AUG 71

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 98-398 98-404 98-783 98-524 98-525	2591 4873 5000 1788 4382 3300		2B 2B 2B 2B 2B 2B	F/Pool F/Pool F/Pool F/Pool F/Pool F/Pool	Hour meter U/S New motor fitted 1788
2.	6536/K3/N10	Tractor Full Tracked Low Speed Size 6 Cat D8H B/Blade and Rippers	1	98-394	5900		2C3	1 Fd Sqn	Cracked carrier frame
3.	6532/K9/N9	Tractor Full Tracked Low Speed Size 2 Cat D4D B/Blade and Rippers	3	98-120 98-121 98-126	1980 2247 2168		2B 2B 2B	1 Fd Sqn 1 Fd Sqn 1 Fd Sqn	
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/L31/N5	Tractor Full Tracked Low Speed Size 0 Case A/Blade and Rippers	2	98-302 98-318	1186 1762		2B 2B	1 Fd Sqn 1 Fd Sqn	
6.	6568/P13	Tractor Wheeled Industrial Size 8 Cat 966B with MPB	2	97-176 98-185	1942 2105		2C1 2B	1 Fd Sqn 1 Fd Sqn	Cracked lift arms
7.	6565C	Tractor Wheeled Industrial Size 5 MF 205 Mk 2	1	98-219	1387		2B	F/Pool	
8.	6565C/P14	Tractor Wheeled Industrial Size 5 MF 205 Mk 2 FEL	1	98-209	1492		2B	F/Pool	

a.	b.	c.	d.	e.	f.	g.	h.	i.	j.
9.	1045/00	Roller Towed Vibrating 10,000 lb	Nil	80-801	595		2B	F/Pool	
10.	6509/0	Crane Wheel Mounted 20,000 lb lift Revolving Austin Western	Nil	98-359	924		2B	Ord Loan	
11.	6534/P3/A9	Tractor Full Tracked Low Speed Size 4 Cat 955K Backhoe and FEL	Nil	98-502	1302		1B	1 Fd Sqn	
12.	6283	Auger Earth Truck Mounted 5 Ton GS with Winch	Nil	171-686	540		2B	Ord Loan	
13.	L34	Rome KG Blade	Nil	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			
1.	6501	Grader Road Motorised 12 Ft Blade Cat 12	2	97-117 98-162	4067 1900		3B 2B	21 EST 21 EST	
2.	6534/K8/N11	Tractor Full Tracked Low Speed Size 4	2	97-079 98-283	3090 1922		2B 2B	21 EST 21 EST	
3.	6568/P13	Tractor Wheeled Industrial Size 8 Cat 966B with MPB	1	98-183	1900		2B	21 EST	
4.	6567/W22	Tractor Wheeled Industrial Size 7 Case with Forklift	1	98-690	626		1B	21 EST	Hour meter U/S 428
5.	6568/W3	Tractor Wheeled Industrial Size 8 Cat 966C with Forklift	1	98-472	1763		1B	21 EST	Hour meter U/S 1624
6.	7504/01	Truck Forklift Diesel Pneumatic Tyred Rough Terrain 6,000 lb	1	82-689	797		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 406 Number 524/71
2.	6257	Truck Dump 5 Ton GS with Winch	2	2	171-892 171-514	406 2B	406 Number 527/71
3.	6389A	Truck Fire Fighting 2½ Ton GS W/W	1	1	170-750	2B	
4.	-	Truck Fire Fighting US Loan	Nil	1	4D1300	1B	
5.	6028	Truck Utility ¾ Ton GS	6	6	113-929 174-270 174-302 174-345 112-903 174-335	2B 1B 1B 1B 2B 1B	
6.	6006A	Truck Utility ¾ Ton FFR	1	1	175-344	1B	
7.	6048	Machine Shop Truck Mounted ¾ Ton GS	1	1	113-871	3B	
8.	-	Prime Mover US Loan	Nil	1	05084669	2B	
<u>Trailers</u>							
9.	6015G	Trailer Cargo ½ Ton (Aust) No 5	1	1	154-558	2B	
10.	6016	Trailer Cargo 1 Ton	1	1	100-596	2B	
11.	6822	Semi Trailer Low Bed 25 Ton	1	1	101-619	2B	
12.	6017A	Machine Shop Trailer Mounted ½ Ton	1	1	100-649	2B	
<u>Compressors</u>							
13.	4091/03	Compressor Rotary 250 cfm IR Model 250	Nil	1	118-338	2B	

TRAINING

Mines and Explosives Familiarisation

1. The unit conducted training in the mines room, mine incident lane, booby trap lane and identification lane for 2 SAS, 1 ARU, 3 Cav, 408 RF Bn and visiting CMF Officers. A total of 162 personnel attended ten 1½ hour instruction periods.

1 Troop

2. Approximately six personnel attended continuation training in the mines room.

2 Troop

3. Approximately twelve personnel attended continuation training in the mines room.

3 Troop

4. Approximately eight personnel attended continuation training in the mines room.

Exercise Lifesaver

5. The unit continued to conduct Exercise Lifesaver for approximately 50% of 1 Fd Sqn Gp.

Reinforcement Training

6. This continued but on a fortnightly basis.