

AWM4

**Australian Imperial Force unit war diaries,
1914-18 War**

Engineers

Item number: 14/30/18 Part 2

Title: 11th Field Company, Australian
Engineers

April 1918



AWM4-14/30/18PART2

VOL III

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CONFIDENTIAL.

ORIGINAL.
DUPLICATE.
TRIPLICATE.

Australian Imperial Force.

WAR DIARY

OF

11TH FIELD COY. ENGINEERS.

FOR

APRIL · 1918

Signature of Officer compiling

Wen Norvianus Capt.

Signature of Officer Commanding

J. O. Madden Capt.

142

WAR DIARY

or

INTELLIGENCE SUMMARY

(Erase heading not required.)

Army Form C. 2118.

11th Hld Coy Eng 142
April Trip

Instructions regarding War Diaries and Intelligence Summaries are contained in F. S. Regs., Part II. and the Staff Manual respectively. Title pages will be prepared in manuscript.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BONNAY Sheet 62°	1 st April 1918		<p>Distribution of Coy thus: N°1 Section assisting N°2 Section and various - N°2 Section overhauling charges on BONNAY Bridges - N°3 Section, Bridges at CORBIE + LA NEUVILLE - N°4 Section, advanced Bgde H.Q.^{trs} at 519684 Sheet 62°NE. Surveyors on Reconnaissance & Survey of French System in Bgde Area - Surveyors commenced survey of French System in 11th Aus. Inf. Bgde area - Reconnaissance of Eng^r material in Bgde area completed and all information filed for future reference. N°4 Section progressing with construction of advanced Bgde H.Q.^s in Brick Works at 519684 - Mending and overhauling of Bridges in BONNAY area by N°2 Section progressing favourably and those also by N°3 Section in CORBIE & LA NEUVILLE area - Bridge over R. SOMME at BOUZENCOURT mined by Sappers from N°1 Section; Capt G Thirkell in charge - Coy Daily parade State forwarded O.B.W.</p>	
"	2 nd		<p>N°4 Section commence construction of new D.O. (working 3 Shifts of 8 hours each) for advanced Bgde H.Q.^{trs} in Chalk Pit at 62°NE 519086.</p>	<p>11 E R I O.B.W. Wm Williams left</p>

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BONNAY Sheet 62°	3 rd		Emergency Route for Field Artillery commencing from Road at 124 b 10.95 Sheet 62° with two main Bridges over R. ANCRE and finishing on Road at I 17 d 15.75, commenced by Sappers from Nos 1 and 2 Sections and party of Inf. Mining and overhauling of charges on Bridges in BONNAY area by No 2 Section completed - Plan of Emergency Route for Field Artillery forwarded - 1 OR attached from 10 th Field Coy A.E. <i>W.S.W.</i>	
"	4 th		Emergency Route for Field Artillery commencing from Road at 129 b 5 8 Sheet 62° with two main Bridges over R. ANCRE and finishing on Road anywhere between I 22 d 5.4 + I 22 b.5.1, commenced by party from 3 rd Aus. Pioneer Battalion, the above Route was reconnoitred by this Coy. Mining and overhauling of charges on Bridges in CORBIE and LA NEUVILLE areas by No 3 Section completed. <i>W.S.W.</i>	
"	5 th	5pm.	Survey of Trench System in Bgdi Area continued - Emergency Route for Field Artillery commenced by this Coy on 3 rd inst. reported open for traffic. Sketches of Bridges done by this Coy. forwarded <i>W.S.W.</i> <i>Blouet/McCormick Capt.</i>	

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BONNAY Sheet 62°	5 th	8pm	Owing to Bridges over R. ANCRE on Emergency Route commenced by party from 3 rd Aus Pioneer Battalion not being finished in time. A Weldon Lesth Bridge at approx. I 29 b 2.7 and a Pontoon Bridge at approx. I 23 c 25.60 were constructed by Sappers from this Coy. (Lieut S.W. Matters in charge) to carry Field Artillery - Emergency	O.S.W.
"	6 th	2.45am	Route reported open for traffic at 11.30 p.m. I.O.R. Lo Hospital (wounded). Bridge over R. SOMME at BOUZENCOURT blown up by Sappers from N°1 Section (Capt G. Turkell in charge) - Probably the first important bridge blown up by Aus. Engrs in France. Sketch of Bridge forwarded -	O.S.W.
"	7 th		Sappers from N°1 Section commence construction of New D.O. for Battalion H.Q. at I 22 d 14 working 3 shifts of 8 hours each. O.S.W.	O.S.W.
"	8 th	5.30pm	N°1 Section left BONNAY, marched to approx. I 19 c 3.4 Sheet 62° NE. and commenced constructing shelters for Section to live in - Daily Report to C.R.E. O.S.W.	HE 62/79
9 th	10 th		Work progressing favourably O.S.W. O.S.W. O.S.W. <i>Walter Williams, Capt.</i>	O.S.W.

WAR DIARY

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(Erase heading not required.)

Summary of Events and Information

Remarks and references to Appendices

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BONNAY Sheet 62 ^a	11 th	7:30 pm	Sappers from N ^o 2 Section reported to Officer of 11 th Aus. M.G. Coy. & commenced construction of shelters for M.G. Crew - 1 OR rejoined Coy from 3 rd Echelon Base Records ROUEN. M.S.W.	
"	12 th		Daily report to C.R.E. 1 OR from Hospital. M.S.W.	11E 62/79
"	13 th		1 OR detached to Aus. Corps Workshops - 1 OR from Hospital. M.S.W.	
"	14 th		M.S.W.	
"	15 th		M.S.W.	
"	16 th		M.S.W.	
"	17 th		Officer and party from 2 nd Aus. Tunnelling Coy. arrived at BONNAY and arranged details with Capt. O.B. Williams for taking over responsibility for demolition of all Bridges in charge of this Coy. 2 nd Lieut. H.E.S. Melbourne taken on strength from Engineers Cadet Training Battalion U.K. M.S.W.	
"	18 th		Bridges in BONNAY, CORBIE, LA NEUVILLE area handed over to 2 nd Aus. Tunnelling Coy Plans showing position of charges forwarded. Sappers from N ^o 2 Section commence construction of rear Batt ^y HQ "D". M.S.W. H.W. Williams, Capt.	11E 66/21

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			Summary of Events and Information	Remarks and references to Appendices
Place	Date	Hour		
BONNAY	18 th		at J 13 d 3.4 Sheet 62° NE - N°3 Section. Lieut. W.H. Thomas in charge, left CORBIE marched to BONNAY & billeted - 1 OR from Hospital - 1 OR Reinforcement taken on strength - Saw-mill started at CORBIE cutting timber for Coy, etc. O.B.W.	
"	19 th	530 am	Sappers from N°2 Section commence construction of advanced Battalion H.Q. ^{1/2} "B" at J 17 b c 3.7 Daily report to C.R.E. O.B.W.	11 E 62/79
"	"	830 am	Remainder of N°2 Section, Sergt. W. Thompson in charge, left BONNAY marched to J 19 c 3.4 near N°1 Section and commence constructing shelters to live in. Sappers from N°3 Section commence work in Emergency foot Bridge for Inf. over R. ANCRE at I 23 b 1.3, also improvements of Emergency Route at I 18 c 5.5 O.B.W.	
"	20 th		Sappers from N°3 Section with party of Inf. commence work on advanced Bgde H.Q. and left and Right Batt ⁿ H.Q. for Second Defence Zone at approx. I 1 d 9.0, I 4 d 2.6, I 5 b 5.2. (Sheet 62° NW) respectively. O.B.W.	
"	"	730 pm	Sappers from N°3 Section reported to 11 th M.G. Coy for purpose of constructing a H.Q.D.O at J 10 c 83. Sheet 62° NE. - 2 OR from Hospital O.B.W.	

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Blouin Williams Capt.

WAR DIARY

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Summary of Events and Information

Remarks and references to Appendices

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BONNAY	21 st	7:30 am	Sappers from No 1 Section commence construction of Coy. HQ ¹²² at J17 d 35 20 Sheet 62° NE. 15 th Ludd Coy A.E. take over that portion of line from R. SOMME to Southern grid line of Square 23 Sheet 62° NE. Plans etc handed over to 15 th Ludd Coy. A.E. - 11 th Aus. Inf Bgde Front now runs from southern grid line of Square 23 to grid line through J12 central 1 OR. to Hospital. (sick) <i>W.S.W.</i>	
"	22 nd		Saw Mill shifted from CORBIE to I 17 d 88. Sheet 62° 4 commenced producing Mining timber from ANCRE Valley. <i>W.S.W.</i>	
"	23 rd		Honours and Awards - (3 rd Aus DRO 405 para 1856 of 21/4/18) Under Authority delegated to him the Corps Commander has awarded the Military M. to the unmentioned OR. No 9579 Sergt R B Oliver - No 9522 L/Cpl W. Johns - 3 OR. To Hospital (Sick) <i>W.S.W.</i>	
"	24 th	4 am	Owing to heavy shelling of BONNAY with HE and gas shells, Coy HQ & Nos 3, 4 Sections moved to new lines at FRANVILLERS C28 d 95.56 Sheet 62° Saw-Mill stopped by gas in ANCRE Valley.	
FRANVILLERS		7 pm	Nos 1 and 2 Sections upon Coy - from Quarry J19 c. 3.4 Work carried on <i>W.S.W.</i>	

FRANVILLERS
C28 d 95.56
Sheet 62°

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W.S.W.

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142

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(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
FRANVILLERS C28-D-9565	24 th	7 pm	by Sections - <u>Lieut S.W. Matters to Hospital (Wounded)</u> - <u>2nd/Lieut H.E.S. Melbourne to Hospital (wounded)</u> - <u>1 OR wounded and remaining on duty.</u> <u>2 OR to Hospital (Sick)</u> <u>OT&W.</u>	
"	25 th		<u>2nd/Lieut E.H. Rhodes taken on strength ex transfer from 10th Field Coy A.E.</u> <u>1 OR to Hospital (Sick).</u> <u>4 OR Reinforcements taken on strength.</u> <u>OT&W.</u>	
"	26 th		<u>A,B,C+D Battalion HQ^{rs} D.O. progressing favourably - Sappers from N^o3 Section patrolling and improving Bridges on Emergency Route over R ANCRE near BONNAY. Divisional Engrs Dump removed from BONNAY to FRANVILLERS, material to be handed over to 10th Field Coy. A.E. Work on advanced Bqde HQ^{rs} at J19C8.6 progressing favourably - Owing to D.O. being vacated by 11th Aus Inf Bqde work has been handed over to 15th Field Coy. A.E. Sappers from N^o4 Section commenced opening in wall at J1C72 for New Bqde HQ^{rs} backwork very hard and progress very slow. Lieut R.G. Rutledge to Hospital (Injured) - Weekly Report to CR.6 - <u>1 OR to Hospital</u></u>	11E62/79 <u>OT&W</u>
"	27 th		<u>Coy bus transport left FRANVILLERS, marched to I6 Central Shed 62^o & bivouaced. 1 OR. Attached returned to 10th Field Coy A.E. 1 OR. to Hospital</u>	<u>OT&W</u>

Wm. J. Williams, Capt.

WAR DIARY

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142

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~~INTELLIGENCE SUMMARY.~~

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
CAMP	April 1918 28 th		4 OR attached for duty from 11 th Aus. L.T.M Bty 3 OR. to Hospital O/Slo.	
16 central	29 th		O/Slo	
Sheet 62 ^o	30 th		In view of pending relief of 11 th Aus. Inf. Bgde by 9 th Aus. Inf. Bgde officers from 9 th Suld Coy A.E. were shown over Sector to become acquainted with work being done by this Coy. - Coy daily parade state forwarded with appendices, also Plan of 11 th Aus. Inf. Bgde Sector - 10A to Hospital - 10R. from Hospital. O/Slo.	HE A 1

W. J. Williams Capt

142

18,000-12/17-572

WAR DIARY

OF

11th. FIELD COMPANY ENGINEERS.

FOR

APRIL. 1918

LIST OF APPENDICES.

No.	Subject.
11/4/1918	11.E. A.1. Daily parade state of Company.
8/4/1918	11.E.62/79 Daily report to C.R.E.
17/4/1918	11.E.62/79 Daily report to C.R.E.
18/4/1918	11.E.66/21 Bridges handed over to 2nd.Aust.Tunnelling Coy.
19/4/1918	11.E.62/79 Daily report to C.R.E.
20/4/1918	11.E.62/79 Weekly report to C.R.E.
30/4/1918	11.E. A.1. Daily parade state of Company.

LIST OF PLANS.

Print 1/10,000	8 11th Aus. Inf. Bgde. Sector (Trenches corrected up to 30/5/1918.
" B.C.D Bridges	9 Bonnay Area Shewing position of charges etc;
" 6.CCS.D.E.F.H.Bdgs	10 Corbie La Neuville Area Shewing position of charges etc;
" 1/5,000	11 Shewing Emergency Routes for Field Artillery over R. ANCRE N.E. & S.W. of Bonnay.
" Sketch	12 Shewing result of demolition of Bridge over R. ANCRE at BOUZENCOURT near SAILLY-LE-SEC.
" "	13 Bridges over R. ANCRE on Emergency Route for Field Artillery N.EAST. of BONNAY.
" "	14 Panoramic View of ANCRE VALLEY from J.15.a5.2. Sheet 62dNE.
" "	15 Panoramic View of SOMME VALLEY from O.P. I.30. b. 1.8. Sheet 62dNE.
" 1/20,000 E.68/9/17.	16 Report on Bridges with Print attached. <i>part only.</i>

THIRD AUSTRALIAN DIVISION

PARADE STATE AS AT NOON... ^{at 2.30} April 1918

UNIT	Actually with Unit		With Leave		Without Leave		Sick		Detached from Unit for all reasons (Detailed on back)	Total Strength	Establishment		Wanting to Complete		Attached	
	Off.	NCOs	Men	Off.	NCOs	Men	Off.	NCOs			Men	Off.	NCOs	Men		Off.
11 th Field Coy. AE																
April 1 st	6	32	171	1	1	18			1	12	7	34	202	7	34	196
30 th	6	33	187						3	14	9	33	204	7	34	196

11TH FIELD COMPANY
ENGINEERS,
3RD AUSTRALIAN DIV.
R. 11E 91
Date 1/4/18

Wm. Williams Capt.
for O.C. 11th Field Coy. Aust. Engineers

Appendix 2

THIRD AUSTRALIAN DIVISION
11 Field Company Engineers.

11.E.
62/79

8/4/18.

C.R.E.
3rd. Aust. Div.

WORKS REPORT.

- No. 1 Section. Construction of double battalion Head Quarters at J. 22.d.14, continued, tunnels commenced. Also Battalion Head Quarters at J. 21. c. 35. (24 hours).
- No. 2 Section Guards on Bonnay bridges and camp duties. Also patrol of emergency bridges.
- No. 3 Section Guards on CORBIE bridges.
- No. 4 Section Work on 11th Brigade battle Head Quarters continued. Drives on each end as follows :- E drive 6' x 3' now in 34', W drive 6' x 3' now 24'. Also ventilation shaft and emergency exit have been commenced. Camouflage of work is partially completed. (24 hours).

Surveyors working on surveys, plans of trenches, relief map.



Capt.
for O. C. 11th Field Coy. Engineers.

THIRD AUSTRALIAN DIVISION
11th. Field Coy. Engineers.

Appendix 3
11.E.
62/79

12/4/1918.

C. R. E.
3rd. Australian Division.

DAILY WORKS REPORT TO 12/4/1918.

- No. 1 Section Work on advanced Battalion Head Quarters continued. Two shelters 100%. 1 shelter 80%.
Centre drive: in 25 feet.
Right drive: in 12 feet.
Excavation for two small English shelters, 60%.
 - No. 2 Section Guards on BONNAY Bridges; camp duties. Erection of baths for 11th Brigade. Blacksmith work for 11th Brigade T. M. Coy.
 - No. 3 Section Guards on CORBIE bridges.
 - No. 4 Section Work on 11th Brigade Battle Head Quarters continuing; good progress.
- Surveyors: As before.

W. J. Williams
 Captain.
 for O.C. 11th Field Company Engineers.

142

Appendix 4

THIRD AUSTRALIAN DIVISION
11th Field Company, Engineers.

11TH AUSTRALIAN DIVISION
ENGINEERS,
3RD AUSTRALIAN DIV.
No. 11E 66/21
Date 18/4/1918.

BRIDGES AT BONNAY HANDED OVER TO 2nd AUSTRALIAN TUNNELLING COMPANY.

Reference: Australian Corps: Instructions for the Defensive No. 10.
of 14th April, 1918, Table "C".

<u>Serial No.</u>	<u>River.</u>	<u>Location.</u>	
17	Ancre	I.23.b.3.6.	Bonnay
37	"	I.23.b.6.3.	"
53	"	I.18.c.	"
54	"	I.23.c.	"
		I.23.d.3.7.	H.B.W.

Handed over by

W. B. Williams Captain.

for O.C., 11th Field Coy. Aust. Engineers.

Taken over by

G. M. Looch Lieut.

for O.C., 2nd Australian Tunnelling Company.

DISTRIBUTION:

C. R. E. 3rd Aust. Div.	1 copy
"	1 "
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2nd Aust. Tunnelling Co	1 "
War Diary ✓	1 "
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Appendix.4

Appendix.4

THIRD AUSTRALIAN DIVISION
11th Field Company, Engineers

11th FIELD COMPANY	
ENGINEERS,	
8th AUSTRALIAN DIV.	
11E 66/31	
No.	19/4/1918
Date	

BRIDGES AT CORBIE HANDED OVER TO 2nd AUSTRALIAN TUNNELLING COY.

Reference: Australian Corps, Instruction for the Defensive, No. 10, of 14th April, 1918, Table "C".

<u>Serial No.</u>	<u>River.</u>	<u>Location.</u>	
1	Somme	O.S.C.4.7.	Corbie.
2	"	O.S.C.3.5.	"
3	"	O.S.C.2.0.	"
5	"	O.4.d.5.4.	Fouilloy.
18	Ancre	I.33.d.3.7.	La Neuville
38	"	I.33.d.0.0.	"
--	ø	I.33.C.8.3.	"

NOTE: ø This bridge is not included in the Aust. Corps. Circular quoted above.

Handed over by

W. H. Thomas
Lieut.
for C.C. 11th Field Coy. Engineers.

Taken over by

L. de V. ...
Lieut.
for C.C. 2nd Aus. Tunnelling Company.

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142

War Diary

THIRD AUSTRALIAN DIVISION
11th Field Company, Engineers

<i>Appendix 4</i>	
11TH FIELD COMPANY	
ENGINEERS,	
3RD AUSTRALIAN DIV.	
No.	11E/66/21
Date	22/4/1918

BRIDGE AT BONNAY HANDED OVER TO 2nd AUSTRALIAN TUNNELLING COMPANY.

Reference: Australian Corps, "Instructions for the Defensive, No. 10" of 14th April, 1918, Table "C 1".

<u>Serial No.</u>	<u>River.</u>	<u>Locality.</u>
		I.23.d.6.7. Bonnay (Road bridge over railway.)

Handed over by

W. H. Williams
Captain,
for O.C. 11th Field Coy. Engineers

Taken over by

W. J. ...
Lieut.,
for O.C. 2nd Australian Tunnelling Co.

THIRD AUSTRALIAN DIVISION.
11th. Field Coy. Engrs.

Appendix 5
11.E.
62/79.

C. R. E.
3rd. Australian Division.

19th. April. 1918.

DAILY WORKS REPORT TO 19/4/1918.

- No. 1 Section Work on advanced and reserve Battalion Headquarters continued; advanced Battalion Headquarters. Two shelters and drives floored and handed over to Battalions for occupation. Work resumed on the other drive which is being extended a few feet and then will turn in to join up other two drives. "C" Battalion Head Quarters: Excavation for shelter 100%. Framework for shelter 20%. Drive 17 ft in.
- No. 2 Section Commenced work on advanced left Battalion Headquarters at J.17.b.3.4. (Approx.) Working three shifts of 8 hours each. Also work commenced on rear "D" Battalion Headquarters at J.13.d.3.4. Working 3 shifts of 8 hours each. 1 guard on bridge over railway at BONNAY. 2 men on blacksmith work.
- No. 3 Section Work on emergency foot bridges over ANCRE for Infantry noted below, and improvement of emergency route at I.18.c. 5.5. E. of BONNAY. Camp duties One man on aeroplane sights for Lewis Guns. Four engine driving at Saw-Mill at CORBIE.
- No. 4 Section. Work on 11th Brigade Battle Headquarters continued: good progress being made. 6 men timber getting.
- Surveyors: As usual.
- General. (Ref. sheet 62D N.W. 1/20,000). Routes for passage of Infantry only across the ANCRE valley on S.W. outskirts of BONNAY have been prepared, light foot bridges being at I 23.b.4.0. and B.23.b.1.3. A second crossing for Infantry exists at I.23.a.8.2. and I.18.c.90.87, this track meeting BONNAY-HEILLY Road at I.12.c.3.2. and road across the valley at I.18.d.4.2.

Wm. Whitman
Captain.
for O.C. 11th. Field Coy. Engrs.

142
THIRD AUSTRALIAN DIVISION
11th Field Company, Engineers

11th FIELD COMPANY
ENGINEERS
2nd AUSTRALIAN DIV.
No. 11E 62/79
Date 26/4/1918.

Appendix 617

WORKS REPORT FOR WEEK ENDED 6 a.m. FRIDAY,
26th April, 1918.

I. GENERAL:

Company employed in area held by 11th A. I. Brigade North of the SOMME, and situated, until the morning of the 24th instant, as follows :-- Headquarters and two sections in BONNAY; two sections in quarry at J.19.c.3.4.; Horse lines at FRANVILLERS. Owing to enemy shelling company was withdrawn to FRANVILLERS on the 24th instant, and 11th Brigade advanced Headquarters having been moved to HEILLY a site has been reconnoitred for camp at I.6.central. Weather has been favourable, but enemy activity on 24th inst. interfered with certain work.

II. DEFENCES:

Condition of defences within the area at 6 a.m. 26th Apl. 1918, shown on plan following this report, to scale 1/10,000, together with proposed work and work carried out during the week by Infantry and Pioneers.

III. WORK BY COMPANY:

- This has been chiefly on accommodation.
- (1) Advanced Brigade Headquarters (68, J.19.d.0.4.) Chamber for G.O.C. lined and furnished. Eastern ^{Cross} cut advanced 38 ft., western cross-cut 34 ft., 46 ft. remaining to connect. Outside office gas proofed. Decauville track and side-tipping truck installed.
 - (2) Right Line Battalion Headquarters, (68, J.22.d.2.4.) Western drive advanced 15 ft. through very bad ground. R. A. P. started. Central and eastern shelters and drives occupied.
 - (3) Left Line Battalion Headquarters (68, J.17.b.2.5.). Two splinter-proof shelters erected and handed over. Brushwood screen 30' x 30' erected and excavation for tunnelled system started.
 - (4) Support ("C") Battalion Headquarters. (68, J.21.c.35.45.) Splinter-proof shelter completed, and tunnel driver 26 feet. Brushwood screen for second tunnel erected; excavation for shelter made.
 - (5) Reserve ("D") Battalion Headquarters. (68, J.15.d.4.4.) Vertical shaft started, equipped with winch and down 16 ft. and timbered. One Small English shelter, one frame shelter erected.
 - (6) Company Headquarters in 68, J.17.d.6.4.) Old dugout repaired.

- (7) Machine Gun Company Headquarters at 62, J.10.c.3.4. Splinter proof dugout roofed with girders and completed. Old dugout repaired.
- (8) New Brigade Headquarters in HEILLY. Traverse erected outside cellar. Headings for shell proof dugout started through brick wall at J.1.c.7.2.
- (9) Saw Mill. A steam plant in CORBIE was started and run on logs in yard until 22nd inst. when mill was shifted to I.17.d.8.8. and has since supplied demands for mining timber.
- (10) Brigade Headquarters for Second Zone (I.1.d.8.0.) Excavation for shelter 100%; frames started.
- (11) Battalion Headquarters, Second Zone. Brushwood screens erected and excavations started, but change in disposition in the Zone has led to most of work being abandoned.
- (12) Bath fixed for 11th Field Ambulance at QURRIEU.
- (13) Bridge over one stream of ANGRE for Artillery at I.17.d.8.8. constructed, and repaired after damage from shell fire. Two foot bridges also erected.
- (14) Tradesmen have been employed on clips for L.T. Mortar, dogs and spikes for bridges, Incinerator for BONNAY, assisting 10th Field Ambulance, etc.
- (15) Surveyors: 1/10,000 map of area completed and being printed. Relief map of area, 80%. Surveys of defences continued.

R. J. Donaldson

Major.
O.C., 11th Field Coy., Aust. Engineers.

142

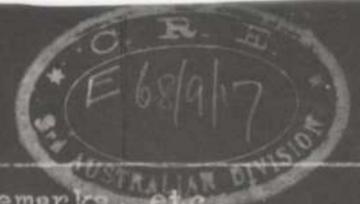
Appendix 16

142

11TH FIELD COMPANY
ENGINEERS,
8RD AUSTRALIAN DIV.
Date.....

1176

REPORT ON BRIDGES.



Bridge	Description	Responsibility.	Charges, Remarks, etc.
A	I.33.c.6.1. Light girder bridge, span 25', width 12', 4/12"x 3" R.S.J.	9th. Field Co. A.E.	Not prepared for demolition. This bridge not considered of tactical importance.
B	I.33.d.0.0. Light girder bridge, span 14', width 12', 4/9"x 3" R.S.J.	9th. Field Co. A.E. at present in charge 11th. Field Co. A.E.	Prepared for demolition.
C	I.33.d.7.7. LA NEUVILLE. Three girders and jack arches, Total span 21'6".	11th. Field Co. A.E.	Charge 65 slabs guncotton, 15 slabs per girder and 20 slabs in trench across road on top of jack arches. I.F.
D	0.5.c.4.7. CORBIE. Single span 30', 3 girders & jack arch bridge with supported footpath each side.	11th. Field Co. A.E.	Charge 69 slabs, 21 slabs on each girder and 3 slabs on each of two light girders supporting footpath. E. & I.F.
E	0.5.c.4.4. CORBIE. Single span 45', 3 girders and jack arches 16' roadway and supported footpath of 4' each side of light channel irons.	11th. Field Co. A.E.	Charge 75 slabs guncotton, 21 slabs on each of outside main girders, on centre girder 27 slabs and 3 slabs on each of footpath girders. I.F.
F	0.5.c.2.0. CORBIE. Single span brick arch, 25' span, arch ring 2'3" thick. Roadway 16', 4' sidewalk on light beams.	11th. Field Co. A.E.	Charge 94 slabs guncotton, 75 slabs laid in trench on top of arch and pave replaced. 5 slabs on each of the 4 beams carrying sidewalk. I.F.
G	0.10.b.9.9. CORBIE.	11th. Field Co. A.E.	
H	0.4.d.6.4. Reinforced concrete, 3 spans each 24'. 10' roadway.	9th. Field Co. A.E.	Prepared for demolition.
I	0.2.b.6.2. Railway Bridge.	French.	Prepared for demolition.
J	J.34.b.4.2. BOUZENCOURT. Bridge 7. Iron davit lift.	11th. Field Co. A.E.	Charge 26 slabs guncotton placed on main girder. Partly demolished by shell fire. Passable for infantry and not for vehicles. E.

Bridge	Location.	Description.	Responsibility.	Charges, Remarks, etc.
K	I.23.b.35.60. BONNAY.	Two masonry arches with central pier 5'6" thick, arch ring 15". Width of roadway 15'6".	11th. Field Co. A.E.	Charge 210 slabs guncotton placed on crown of arches in gutter through roadway, 110 slabs on S. end. 100 slabs on N. end. I.F.
L	I.23.b.6.3. BONNAY.	Reinforced concrete bridge. 4 girders 12" x 12"	11th. Field Co. A.E.	Charge 32 slabs guncotton; 8 slabs placed on each girder. Charges 7'3" from N. end. I.F.
M	I.23.d.7.6. BONNAY.	Bridge over railway. Brick arch span 24'6", width 23', roadway 20', arch ring 27".	11th. Field Co. A.E.	Charge 300 lbs. ammonal, 80 slabs guncotton. Placed in trench on top of arch. E. & I.F.
N	I.17.d.9.3.	Span 15', width 11'. Brick abutments 6(?) - 7" steel rails. 9" round logs for decking.	10th. Field Co. A.E.	Not charged. Transport cannot get right across river here as there are 4 arms and only one bridged.
O	J.7.b.0.4.	Foot lift bridge, very frail, 2' roadway.	10th. Field Co. A.E.	Not charged.
P	J.7.b.2.7.	Brick bridge with extension on eastern side, built of wooden lattice girders supporting bearers and footway.	10th. Field Co. A.E.	Charge 51 slabs in three courses laid across road over brickwork (a charge of 13 slabs is in position under woodwork laid by English Troop Coy.) Charge not laid yet.
Q	J.7.b.1.9.	Concrete bridge.	10th. Field Co. A.E.	Charge 122 slabs guncotton laid in trench across road. Charge not laid yet.
R	J.3.c.9.8.	Single brick arch, 2 girder, arch ring 21", span 21'. Total length 39', width 18'	10th. Field Co. A.E.	Charge 288 slabs each haunch.
S	J.4.a.2.5.	Single brick arch. Width 21'. arch ring 12". Span 9'. Total length 18'.	10th. Field Co. A.E.	Charge 122 slabs laid across crown of arch. This water-course fordable anywhere at present.
T	J.4.a.7.1.	Steel girdered bridge in brick piers. 3 main girders with steel rails underneath supporting flat arched brick flooring.	10th. Field Co. A.E.	Charge 8 slabs per girder.

Bridge.	Location.	Description.	Responsibility.	Charges, Remarks, etc.
U	J.4.b.7.4.	Stone arched railway bridge, 2 spans, total span 42', width 23', total length 50'. Keystones 24"x 10". Ringstones 15"x 10".	10th. Field Co. A.E.	Charges, 200 slabs guncotton each haunch of arch.
W	D.29.d.50.05.	6 I Beams 9"x 4".	10th. Field Co. A.E.	Charge 31 lbs. per beam on webs.
X	J.5.b.8.8.	Stone Arch Bridge. 15' span 15" ring.	10th. Field Co. A.E.	Charge 30 lbs. on each haunch 3' from springing.
Y	D.30.d.6.8.	Composite Bridge, Side bearers 3. Timber 12"x 6". Central steel girder 16"x 8"x $\frac{3}{4}$ ".	10th. Field Co. A.E.	Charge 5 lbs. each laid on timber beams.

NOTE: E in remarks column denotes electric demolition.
I.F. " " " " instantaneous fuze.

1 slab of guncotton = 15 oz.

April 2nd. 1918.

H. Williams
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