

AWM4
Australian Imperial Force unit war diaries,
1914-18 War

Engineers

Item number: 14/32/29

Title: 13th Field Company, Australian
Engineers

July 1918



AWM4-14/32/29

198

18,000-12/1 -8723

CONFIDENTIAL.

ORIGINAL.
~~DUPLICATE.~~
~~TRIPLICATE.~~

Australian Imperial Force.

WAR DIARY

OF

13th Field Company Aust. Engrs.

FOR

July

1918.

Complete

Signature of Officer compiling

*E.P. Norman Capt for
R.B. Carr Major*

Signature of Officer Commanding

E.P. Norman Capt

WAR DIARY

Army Form C. 2118.

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

INTELLIGENCE SUMMARY.

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
			Reference Sheet 62° 1:40000.	
DAOURS	JULY 1st.		<p>Present dispositions of Company as follows - H.Q and Nos 1, 2 & 4 sections in forward dugouts at J19C 6.4. No 3 section in billets DAOURS 01a central - Transport at H 36a 4.4. The programme of works for the remaining period of the tour of duty of the Company in the line is somewhat obscure on account of the forthcoming operations, on the results of which depend the chief centres of activity of the Company. Previous to the operation, the main works in the forward area will be the establishment of such forward R.E dumps, R.A.P's, Headquarters, tracks etc as are necessary for the success of the operations on this sector, the boundaries of which are as follows. - N. Boundary: along grid line J20C 0.0. - J23C 0.0. thence through J30a 6.0. - the South Boundary runs along grid line J31a 0.0. - J22a 3.0 thence along road J32 a 8.6. - P3C 5.6.</p> <p>No 1 section worked on Artillery dugouts at J14a 8.2, J14a 8.8, J19a 8.6 J14 C5.5. and I30a 7.6. No 2 section worked on dugout for signals at J19C5.4, R.A.P at J33d 3.7 Coy H.Q. dugout at J33d 9.5. and water supply for Baths at J25d 2.5. No 3 section Guarding Bridge at 02b 0.6, patrolling river SOMME, erecting Nissen huts at H 34d 2.1. and detailed work. No 4 section laying duckboards at J33d 6.7, excavating new C.T. at J29a 0.1. and dugouts at J29a 8.6. CAPT. FARR and party on deep dugout for Artillery at J19C 8.6. Present Company strength 8 Officers 240 NCOs and men</p>	<p>Appendices A - E (inclusive)</p> <p>x Appendix J</p>
do.	2nd		<p>Nos 1 and 2 sections no change of work. No 3 section erecting Nissen huts at H 32d 2.1 and N4d 0.2. Guarding bridge at 02b 0.6. improvising screen pickets and machine gun carriers. No 4 section laying duckwalks at J34d 7.7, working on Relay posts at J32b 0.8 at J27C 6.0. forming track J27C 1.3. - J33d 1.7. (BROOKLYN TRACK) * Repairing entrance to dugout at J35b 1.8. and constructing "Knife rests" CAPT. FARR and party as yesterday</p>	<p>EPN</p> <p>Appendix M</p> <p>* Appendix H</p>
do	3rd		<p>No 1 section on Artillery dugouts at J19a 8.6 J14C5.5 and I30a 8.6 No 2 section worked on signal dugout at J19C5.4, R.A.P. at J33d 3.7 and C.T. at J33d 2.7. No 3 section no change. No 4 section worked on deep dugout at J35b 1.8, completed Relay posts at J32b 0.8. and J27C 6.0, marked out track at J27d 4.5. CAPT FARR and party as yesterday.</p>	<p>EPN</p>

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1918

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INTELLIGENCE SUMMARY.

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	JULY		Reference sheet 62° 1:40,000	
DAOURS	4 th		HAMEL offensive successfully carried out* - all objectives gained and held. LIEUT. MCKAY and 8% accompanied infantry "over the top" on reconnaissance duty*. Nos 1+2 sections no change of work. No 3 section cleaning locks at DAOURS and CORBIE and works already in hand. No 4 marking out tracks and erecting notice boards. CAPT. FARR and party as yesterday. Reconnaissance party captured a machine gun & three prisoners*	*Appendix A-E *Appendix C
do	5 th		No 1 section as yesterday. No 2 section erected bridge over small canal at J32b4.6. supplied guides to R.E dumps. water supply to baths at J25d25. No 3 section no change. No 4 section repairing Coy H.Q. at J35a5.5. damaged by shell fire. and commenced dugout at J35b1.8. O.C. reconnoitered ground taken in operations on 4 th inst. CAPT. FARR and party as heretofore.	EPA EPA
do	6 th		No 3 sections moved from DAOURS to forward positions in relief of No 2 section. No 2 section took over duties from No 1 section who moved back to DAOURS in relief of No 3 section. No 1 section guarding Bridge at 02b0.6 and patrolling River SOMME. No 2 section worked on dugouts at J19a8.6 J14c5.5. and J30a8.6. No 4 section repairing pump at J28c5.6. repairing dugout at J35a5.5. and constructing timber frame for O.P. Capt. FARR and party no change. Brigade sector now runs - North Boundary - along grid line J20c0.0 - J22d0.0. thence through J30c0.0. South Boundary Pia 0.6 - P2c2.6 - P2c8.2 - P2c85.00 - P5d0.0.	EPA EPA
do	7 th		No 1 section as yesterday and in addition carried out numerous detailed works. No 2 section - no change. No 3 section worked on reserve line at J28d2.8. dugout at J33d9.5. and R.A.P. at J32d3.7. and new dugout at P4a8.7. No 4 section on dugouts at J35b1.8. and J35a5.5. and water supply at J28c5.6. CAPT. FARR and party - no change.	EPA
do	8 th		12 th Aust. Inf Brigade straightened their line* in which this Coy played no part. Nos 1, 2. and 3 sections no change of work. No 4 sections continued with works already in hand and in addition cleaned and improved BOB DOWN AVENUE at J29a11. CAPT FARR and party no change of work. LIEUT BELL promoted to CAPTAIN	*Appendix E EPA

WAR DIARY

Army Form C. 2118.

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or
INTELLIGENCE SUMMARY.

(Erase heading not required.)

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	JULY		Reference Sheet G2 ^D 1:40.000	
DAOURS	9 th		No 1 + 2 sections - no change of work. No 3 section worked on R.A.P. for 45 th Battalion at J33d3.7 and widened DIGGERS AVENUE. No 4 section as yesterday. CAPT. J.W. BELL relinquished duties as transport officer being transferred to 2 nd Aust. Divnl. Engrs. LIEUT J.F.C. BEST relinquished command of No 4 section and assumed command of Transport section vice CAPT. BELL. 2/LT MERROTSY assumed command of No 4 section vice LT. BEST.	
do.	10 th		No 1 + 2 sections no change of work. No 3 section excavated C.T. at P4a3.7 and worked on R.A.P. at P4b9.3. Battalion H.Q. at J33c9.6 and dugout at P4c6.8. No 4 no change.	
do.	11 th		No 1 + 2 sections as yesterday. No 3 excavated C.T. at P4d1.9 and proceeded with dugouts and R.A.P. as yesterday. No 4 section moved to mill buildings DAOURS 01a5.5. Present dispositions of Coy as follows H.Q. + Nos 2 + 3 sections in dugouts J19c6.4. Nos 1 and 4 sections in billets DAOURS 01a5.5. Transport H36a4.4.	
do FRECHENCOURT	12 th		Coy relieved in present sector by 9 th Field Coy, 3 rd Aust. Divnl. Engrs. H.Q. and No 2 section moved direct to camp vacated by 9 th Field Coy at B23 central near FRECHENCOURT. No 3 section moved independently to DAOURS 01a5.5. No 1 section moved from DAOURS to B23 central FRECHENCOURT. Transport moved to transport lines vacated by 9 th Field Coy at B29a9.4. Disposition of Coy as follows - H.Q. and Nos 1 + 2 sections camped at B23 central, Nos 3 + 4 sections in mill Buildings DAOURS 01a5.5. Transport B29a9.4.	Appendices F-H
FRECHENCOURT	13 th		No 1 section guarding bridges at B29d9.9. B30a9.7 B30a9.5.75. B24c4.7. and camp duties. No 2 + 3 + 4 sections camp duties. No 1 section also guarding Road mine at 17b65. H6c6.8.	
do	14 th		No change of work. No 3 + 4 sections moved to bivouacs at N12d3.2. - site of proposed bridge. 2/LT E. POTTS joined company. No 1 section removing road mine at H6c6.8.	Appendix M
do	15 th		No change of work. Nos 1 + 2 sections moved camp from B23 central to B29 central on account of unsatisfactory sanitary conditions of camp. No 1 section guards as heretofore, removing road mine H6c6.8.	
do	16 th		As yesterday No 1 section guarding bridges at B29d9.9. B30a9.7 B30a9.5.75. and B24c4.7. No 2 sections on camp duties. Nos 3 + 4 sections salvaging timber in vicinity VAIRE-SOUS-CORBIE and HAMEL. Present dispositions of Coy as follows. H.Q. + Nos 1 + 2 sections B29 central and HAMEL. No 3 + 4 sections N12d3.2. Transport B29a9.4.	

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INTELLIGENCE SUMMARY.

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
			Reference Sheet 62° 1' 40,000	
FRECHEN-COURT	JULY 17 th	1-	boy on works as yesterday.	
do	18 th		No 1 section guarding Bridges at B29 d 9.9. B30 a 9.7 B30 a 9.5.75 and B24 c 4.7 and road mine at I 7 b 6.5. No 2 section, making Lewis gun carriers and camp duties. Nos 3+4 sections working on New heavy Bridge at N12 d 3.2.*	* appendices M and N
do	19 th		No 1 section as yesterday. No 2 section worked on dugout at H6 c 9.1. Nos 3+4 sections no change.	
do	20 th		In morning works as heretofore - work suspended in afternoon and boy sports meeting held at camp at B29 central.	
do	21 st		No change of work. - Temp 2/Cpl TRUB I.G. ^{4 Gappers} HARRIS G.M. and WEAVER G.M. awarded Military medal.	
do	22 nd		Works as yesterday. CAPT. NORMAN EP-MC 12 th Field Coy. posted to this Coy temporarily.	
do	23 rd		OC. (MAJOR CARR) and CAPT FARR proceeded on leave to UK. CAPT NORMAN assumed command of Company during OC's absence.	
do	24 th		Nos 1, 3+4 sections - no change. No 2 section worked on delouser at H6 c 9.1. for 12 th Field ambulance.	
do	25 th		No change.	
do	26 th		Nos 1, 3+4 sections no change. No 2 section on delouser at H6 c 9.1.	
do	27 th		No change.	
do	28 th		Present dispositions of Company - HQ + Nos 1-2 sections FRECHENCOURT (B29 central) Nos 3-4 sections at N12 d 2.3 (site of New Bridge) Drivers at B29 a 9.4. Hostile Bombing planes active - bombs being dropped at transport lines - one horse killed	
do	29 th		No change	
do	30 th		Nos 1, 3+4 sections no change - No 2 sections constructing Bangalore torpedoes	
do	31 st		No 1 section moved from FRECHENCOURT to BOVES as advance party to Coy. which will move tomorrow. - No 1 section camped at TTC 0.4	

D. D. & L., London, E.C. (A10266) Wt W5300/P713 750,000 2/13 Sch. 52 Forms/C2118/16

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WAR DIARY

OF

13th Field Coy Aust Engineers

FOR

July 1918.

LIST OF APPENDICES.

No.	Subject.
A I	HAMEL OFFENSIVE Extracts from 4 th Aust. Div order N° 128
A II	" " " " Instructions N° 7 issued in conjunction with above order
A III	" " " " C.R.E.'s instructions re runners
A IV	" " " " " " " " " " re R.E dumps.
B I	" " " " 11 th Aust. Inf Bde order N° 127
B II	" " " " Instructions N° 1 by 11 th A.I. Bde
B III	" " " " Administrative Instructions issued with above
B IV	" " " " 11 th Aust. Inf Bde order N° 128
B V	" " " " 11 th Aust Inf Bde Circular N° 2
B VI	" " " " " " " " " " N° 3
B VII	" " " " " " " " " " N° 4
B VIII	" " " " maps issued with above.
C I	" " " " Report on Reconnaissance of captured area
C II	" " " " Receipt for prisoners captured
D I	" " " " Communications in connection with reorganisation of Bde front
D II	" " " " 4 th Aust. Div instructions for defence N° 15
D III } D IV }	" " " " Defence scheme re captured territory
E I	" " " " 12 th Aust Inf Bde order N° 216
E II	" " " " Maps in conjunction with above
E III	" " " " Table "A" to accompany above order N° 216
E IV	" " " " Artillery Barrage map issued with above order

WAR DIARY

OF

13th Field Coy Engineers A.I.F.

FOR

July

1918

LIST OF APPENDICES.

No.	Subject.
FI	Divisional Engineer order re relief by 3 rd Aust. Divnl Engineers.
FII	Communications re above relief
FIII	Extracts from 4 th Aust. Div. Administrative instructions N° 87.
FIV	12 th A.I. Bde communication re relief by 3 rd Aust. Div.
FV	12 th A.I. Bde Order N° 218.
G.	Handing over Report to 9 th Field Coy A.E.
H.	map of defences as handed over to 9 th F.C.A.E.
J	Transport activities June 1 st to July 12 th .
K.	Visit of French Premier to troops after HAMEL.
LI	Communications re methods of wiring
LII	Ob's report on above.
M.	Bridge at N12d 3.2
N.	Pile driven used at above Bridge
O	Works report for month
P.	Graphs shewing bay strengths etc.
Q	Instructions for Defensive

EXTRACTS FROM FOURTH AUSTRALIAN DIVISIONAL ORDER NO. 128.

Headquarters,
29th June, 1918.

1. INTENTION.

An attack will be delivered on the left of the 2nd Aust. Divisional front and on the 4th Aust. Divisional front, on a date and hour which will be notified later, with a view to the capture of the Spur running from the main VILLERS BRETONNEUX Plateau at P.25. central, about 1,000 yards East of VAIRE and HAMEL Woods, East of HAMEL to the present front line at the S.E. end of BOUZENCOURT.

On the Right and Centre of this advance the objective includes no defined system of trenches; on the left, from East of HAMEL Village (inclusive), it is defined by an old British trench system at present used by the enemy.

3. INFANTRY DISTRIBUTION.

The attack will be delivered by the following formations:-

6th Aust. Inf. Bde. (less two Battalions).
4th Aust. Inf. Bde. (plus 2 Coys. United States Infantry)
11th Aust. Inf. Bde. (plus 2 Coys. United States Infantry)

in that order from right to left, under the orders of the G.O.C. 4th Aust. Division. The Companies United States Infantry, allotted to the 4th and 11th Aust. Infantry Brigades will be used in the attack at the discretion of Brigade Commanders.

8. ARTILLERY.

(a) The Artillery will put down normal harassing fire, (in accordance with the programme lately instituted,) with the exception of gas, from Zero minus 8 minutes to Zero, to drown the noise of approaching tanks, who will leave their forming up line not less than 8 minutes before Zero. The Tank Commander will make arrangements to secure as accurately as possible synchronization of arrival at the Infantry Taped Line.

(b) The actual barrage will drop at Zero on the "Start Line" shown on the attached map, and after remaining thereon for four minutes will advance by lifts of 100 yards at intervals of three minutes, as shown on the barrage map (to be issued later,) to the "HALT LINE" where there will be a pause of 10 minutes. After the pause the barrage will lift 100 yards at intervals of 4 minutes up to 400 yards beyond the Blue line.

(c) On arrival at the "HALT LINE" a thick smoke screen will be built up to indicate the beginning of the 10 minutes halt. Eight minutes afterwards a thick smoke screen will again be built up to indicate that the advance is about to be resumed.

(d) After passing the Blue line the barrage will advance at a rate of 100 yards in four minutes, to a line 400 yards beyond, where it will continue as a standing barrage to cover consolidation, for a period to be notified later.

(e) From Zero hour on, a special programme of intense Counter-Battery action will be carried out.

10. DUMPS.

Brigade Commanders and Machine Gun Battalion Commanders will submit without delay lists of Ammunition, Engineer material, etc. which they require dumped and notify the localities selected for the dumps. The work of dumping the stores will then be carried

out by the troops in the line.

Every care will be taken to conceal dumps from aerial observation and to prevent preparations from being given away by abnormal movement by day or noise by night.

12. FIELD ENGINEERS.

A Field Coy will be allotted to each Brigade taking part in the attack. These will be employed in conjunction with Special Infantry Units, for the establishment of a system of strong posts in rear of the final objective along the line of the eventual Support System.

4th Field Company.
12th Field Company.
13th Field Company.
4th Pioneer Battalion.
War Diary.
File.



The above extracts from 4th Aust. Divisional Order No. 128 are forwarded for your information.

30th June, 1918.

R. J. ...
Lieut-Colonel,
C.R.E. 4th AUSTRALIAN DIVISION.



SECRET.

FOURTH AUSTRALIAN DIVISION.

INSTRUCTION NO. 7 issued with Divisional Order No. 128.

ENGINEERS AND PIONEERS.

FOOT BRIDGES.

1. O.C., 12th Field Company will patrol the foot bridges in the Divisional Area and effect any necessary repairs as soon as possible. The guards on all bridges will be reduced to a minimum to avoid casualties. Guards on road mines will be temporarily withdrawn. The sections responsible for guarding the DAOURS and LA NEUVILLE groups, with the exception of the bridge guards, will be held in reserve for special work in case emergency. Spare gear for repairing foot bridges will be kept available for immediate use. Any bridge which is damaged beyond immediate repair should be reported to this Office.
2. O.C., 13th Field Company will detail a party under an Officer to reconnoitre the area captured by 11th Brigade, giving locations of deep dugouts. He will also supervise the erection of notice boards on principal tracks, and also boards with arrows pointing to Battalion and Brigade H.Q., Front Line, etc.
3. O.C., 13th Field Company will detail an Officer to do liaison work between 11th Brigade and C.R.E. His duties will be -
 - (a) To keep C.R.E. acquainted with the tactical situation.
 - (b) Report on new work required.
 - (c) Reports should be sent in every two hours from the commencement of the operations, until further instructions from C.R.E. in accordance with runner time-table to be notified later.

DUMPS.

4. R.E. Dumps, containing barbed wire, long and short screw pickets and sandbags will be established at -

P.13.D.35.35
P.14.A.05.90 } Centre Brigade.

P.8.B.0.4
P.2.A.5.5
J.33.D.1.5 } Left Brigade.

2nd Division to arrange) Right Brigade.

ROADS.

5. O.C., 4th Field Company will maintain a road patrol on main traffic routes East of CORBIE and South of the RIVER SOMME. C.O., 4th Pioneer Battalion will maintain a road patrol on main traffic routes East of CORBIE and North of the RIVER SOMME. Roads between CORBIE and DAOURS are being dealt with by Corps Roads Officers, who have been instructed by Chief Engineer to maintain a standing patrol to effect immediate repairs.

P.T.O.

(2).

CONSOLIDATION.

6. Each Brigade will dig selected Strong Points in its area to be later joined up as Support Line.

C.O., 4th Pioneer Battalion will detail two Companies to dig two C.T's. in Centre Brigade Area, from the front line back over the crest of the ridge, connecting up the Left and Right Strong Points in P.21.A. and P.16.A. respectively to the Front Line. C.O., 4th Pioneer Battalion will instruct the Company Commanders concerned to get in touch with O.C., 4th Field Company in order that the work may be co-ordinated. One (1) Company of Pioneers to be attached to each of the Left and Right Brigades from their respective Divisions for similar C.T's. in their Brigade areas (by arrangement with G.O's.C., 3rd and 2nd Divisions respectively).

Right Brigade Company to join up C.T. running through P.19.D. to Line.

Left Brigade Company to dig C.T. over crest of ridge in P.10.B. to Front Line.

7. The 4th Field Company will work in conjunction with 4th Inf. Brigade. The 6th Field Company will work in conjunction with 6th Inf. Brigade.

O.C., 4th Field Company will send in reports to C.R.E. as laid down in Para. 3. In addition he will arrange to have a reconnaissance made of the area captured by 4th Brigade for tunnelled dugouts, erect necessary notice boards and push forward tracks and roads into captured area.

Lieut-Colonel,
C.R.E., 4th AUSTRALIAN DIVISION.

Issued to all recipients of Divisional Order NO. 126.

[Faint, mostly illegible text, likely bleed-through from the reverse side of the page.]

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APPENDIX A

APPENDIX A III Headquarters,
4th Aust. Div. Engrs.,
1st July, 1918.

HDQRS 4TH AUS.
DIV. ENGRS.
No. DB2469
DATE 1/7/18

O.C. 13th Fd. Coy, A.E.

Please detail 1 N.C.O. and 3 cyclist orderlies to take up quarters in cellar at 13th Brigade Headquarters, CORBIE, reporting not later than 2 a.m. on Zero day.

The N.C.O. will be responsible for despatch by these orderlies of messages from Forward to C.R.E., the following timetable to be strictly adhered to.

<u>Dep. CORBIE.</u>	<u>Dep. C.R.E. Office.</u>
6 a.m.	7 a.m.
8 a.m.	9 a.m.
10 a.m.	11 a.m.
12 noon	1 p.m.
2 p.m.	3 p.m.
4 p.m.	5 p.m.)
6 p.m.	7 p.m.) If necessary.

O.C. 4th and 13th Field Coy's (ref. Instruction No.7 issued with Div. Order No. 128) will arrange for their reports to reach CORBIE in time to be forwarded to C.R.E. in accordance with the above timetable.

Messages from C.R.E. will be sent to CORBIE, where they will be picked up by Coy runners.

O.C. 13th Field Coy will provide an extra shift to work from 6 p.m. till the following morning if it is found necessary.

John D. Smith
Lieut-Colonel,
C.R.E. 4th AUSTRALIAN DIVISION.

Copies to -
13th Field Coy.
4th Pioneer Bn.
4th Field Coy.

APPENDIX. A IV

APPENDIX A IV

CONFIDENTIAL.Headquarters,
4th Aust. Div. Engrs.,
28th June, 1918.O.C. 13th Field Company, A.E.

Dumps will be formed in the vicinity of,-

P.8.b.0.4.

P.2.d.5.5.

J.33.d.1.5.

The following stores are required in each Dump,-

300 long Screw Pickets.

600 short Pickets.

150 coils Barbed Wire (small).

400 Sandbags. (Balance of 2000 are being
carried by the Brigade.)12th Brigade are making Dumps of Ammunition, etc., at
the same locations; please keep in touch with the Brigade so that
the positions of the Dumps coincide.

*Picks & Shovels
Wire cutters
White topped pickets 3'
Red gum shovels
2 1/2 ft*

I. F. J. Waldron

Lieut- & Adjt.,
for C.R.E. 4th AUSTRALIAN DIVISION.

SECRET.

Copy No. 18

11th. AUSTRALIAN INFANTRY BRIGADE ORDER No. 127.
 Brigade Headquarters.
 1st. July, 1918.

1. The 11th. Australian Infantry Brigade will relieve the Left Battalion 13th. Aust. Infantry Brigade and the Right Battalion 12th. Aust. Infantry Brigade on "X/Y" night, moving in accordance with the attached Table.
2. Brigade and Battalion Boundaries on completion of the relief will be as follows:-
 - Between 11th. and 4th. Australian Infantry Brigades - P.8. Central - P.1.c.0.0.- Canal at O.6.a.5.0., thence West along the Canal.
 - Between 11th. and 12th. Australian Infantry Brigades - Canal (exclusive to 11th. Brigade) from the front line at BOUZEN-COURT (inclusive to 11th. Brigade) to Footbridge at I.30.d.6.0. (Bridge inclusive to 11th. Brigade) thence West along the grid line.
 - Between 43rd. and 42nd. Battalions - P.2.b.60.05 along G.T. (inclusive to 43rd. Battalion) to Support Line at P.2.a.4.0.
3. Battalions will be accommodated in the forward area on "X/Y" night and "Y" day as follows:-
 - 43rd. Battalion in the front and support lines and C.T's between the same as the Right Battalion Area as defined by the above boundaries.
 - 42nd. Battalion in the front and support lines and C.T's between the same in Left Battalion area as defined by the above boundaries.
 - 44th. Battalion in close support in the reserve line throughout the Brigade Area.
 - 41st. Battalion in J.13.b. and d.
 - 11th. Machine Gun Coy. and 11th. L.T.M. Battery in defensive positions throughout the Brigade Area having regard to assembly on "Y/Z" night.
4. The 42nd. Battalion and the 12th. Australian Infantry Brigade will establish a mutual post South of the SOMME.
5. During the approach Units will move by Platoons at 200 yards distance and every care will be taken to prevent observation by the enemy. Troops will halt and lie down if Enemy Aeroplane is overhead.
6. Command of the Sector being relieved will pass to G.O.C. 11th. Australian Infantry Brigade on completion of the relief.
7. The 11th. L.T. M. Battery personnel will move with the Battalions to which Sections will be attached for the operation. Transport for the Mortars will be arranged by the Staff Captain.

L.A. Vasey.

Major.
 Brigade Major, 11th. Aust. Infantry Brigade.

Distribution.

Copy No. 1. G.O.C.
 2. B. M.
 3. S. C.
 4. 41st. Battalion.
 5. 42nd. Battalion.
 6. 43rd. Battalion.
 7. 44th. Battalion.
 8. 11th. T.M. Battery.
 9. 11th. M.G. Company.
 10. Brigade Sig. Sec.
 11/ 12. 4th. Aust. Division.
 13. C.R.A., 4th. Aust. Div.

Copy No. 14. C.R.E., 4th. Aust. Div.
 15. 4th. Aust. Inf. Bde.
 16. 12th. Aust. Inf. Bde.
 17. 13th. Aust. Inf. Bde.
 18. 13th. Field Coy. Eng.
 19. 13th. Field Amb.
 20. 870th. Coy. A.S.C.
 21. 4th. M.G. Battalion.
 22. 8th. Tank Battalion.
 23. "C" Coy. 8th. Tank Bn.
 24. 3rd. Aust. Divn.
 25/27. War Diary.
 28. File.

13

SECRET.

Copy No.....

11th. AUSTRALIAN INFANTRY BRIGADE.

Brigade Headquarters.

1st. July, 1918.

HAMEL OFFENSIVE INSTRUCTION No. 1.

NOTE: Zero day is assumed to be "Z" day, the day before Zero "Y" day and two days before Zero, "X" day. "A" day is the day following Zero day.

1. INTENTION. - On "Z" day at an hour to be notified later the 11th. Australian Infantry Brigade acting under the orders of the G.O.C. 4th. Australian Division will attack and capture the Village of HAMEL and consolidate a line to be known as the BLUE Line.

2. FLANK TROOPS. The 4th. Australian Infantry Brigade will attack on our right, the 15th. Battalion being next to our most Southern Battalion. The 12th. Aust. Infantry Brigade is in defence of area North of River SOMME but is not attacking.

3. ALLOTMENT OF INFANTRY.

(a). The 43rd. Battalion will within the boundaries shown on the attached Map "A" capture and mop up HAMEL. After clearing the Town all troops will be withdrawn from it.

(b). The 44th. Battalion will avoiding the Town of HAMEL "leap-frog" through 43rd. Battalion and capture and consolidate the BLUE Line in the South Battalion area.

(c). The 42nd. Battalion will capture and consolidate the BLUE Line within the Northern Battalion area.

(d). The 41st. Battalion will be Brigade Reserve and located in J.31., J.32., P.1.a. and c., P.2.a. and c.

4. ARTILLERY ACTION.

The advance to the BLUE Line will be covered by a creeping barrage of field and heavy artillery.

The "Start line" of the most Westerly 18.pdr. barrage is shown on Map "A".

From Zero minus 8 minutes until Zero normal artillery harassing fire, using a large proportion of Smoke shell will be maintained. This harassing fire must not be mistaken for the commencement of the creeping barrage which will be easily recognisable by the intensity of fire.

The creeping barrage will open on the "Start line" at Zero, the first round of each gun being a Smoke shell.

This barrage will remain on the "Start line" until Zero plus 4 minutes after which it will lift 100 yards every 3 minutes for ten lifts, i.e., the tenth lift will be made at Zero plus 31 minutes.

For next ten minutes the barrage (i.e., from Zero plus 31 minutes to Zero plus 41 minutes) will remain stationary. In order to indicate that a halt is taking place the first two rounds per gun fired on this halt line will be Smoke, and in order to indicate that the barrage is about to advance again, another Smoke screen will be built up during the last two minutes of the halt.

At Zero plus 41 minutes the barrage will lift 100 yards and thereafter will continue to advance at the rate of 100 yards in 4 minutes finally coming to rest and forming a protective barrage 400 yards East of the BLUE Line. This protective barrage will last until Zero plus 125 minutes.

P.T.O.

4. (Continued).

Rates of fire of 18 pdrs. - Zero to Zero plus 31 minutes 3rds.
p.g.p.m.

Zero plus 31 to Zero plus 39. - 1 round p.g.p.m., except for the 500 yards front of the barrage where it passes through HAMEL where the rate of fire will remain at 3 rds. p.g.p.m.

Zero plus 39 minutes until commencement of protective barrage 3 rds. p.g.p.m.

During the protective barrage it will drop down to 1 round p.g. Cease fire Zero plus 123 minutes.

An Artillery Barrage Map has been issued (to Bde. Units only).

It will be noted that artillery barrage does not allow of all infantry reaching the BLUE Line simultaneously. Heavy Artillery will carry on a counter battery programme from Zero hour to Zero plus 2 hours on Australian Corps front, and also on front of Flank Corps.

In the event of the enemy opening an intense bombardment of our front prior to Zero hour counter battery will commence forthwith.

5. TANKS.

1 Section (3 tanks) of "C" Coy. 13th. Tank Battalion are allotted to 42nd. Battalion for capture of BLUE Line.

2 Sections (6 tanks) of "O" Coy. 8th. Tank Battalion are allotted to 43rd. Battalion for capture of HAMEL.

2 Sections (6 tanks) of "O" Coy. 8th. Tank Battalion are allotted to 44th. Battalion for capture of BLUE LINE; one Section moving North and one South of the Village of HAMEL.

2 Sections (6 tanks) of "A" Coy. 8th. Tank Battalion acting as liais with 4th. Brigade and 11th. Brigade for the capture of the BLUE Line. These will move in two lines (1 Section to each line).

There are 2 Sections (6 tanks) of "B" Coy. 13th. Tank Battalion acting in immediate reserve of "C" Coy. 8th. Tank Battalion.

Two carrying tanks are also allotted to this Brigade.

Above tanks will be duly marked by Battalions concerned with their Regimental A.I.F. colours - Reserve tanks by Brigade colour.

On "Y/Z" night the tanks will assemble about 1000 yards West of the Infantry taped line of assembly and will commence to move forward to the attack at Zero minus 8 minutes.

6. AEROPLANES.

Two Contact 'planes will fly from Zero to Zero plus 2 hours and one from Zero plus two hours until dark. They will call for flares by means of firing White lights and sounding a series of A's on the Klaxon Horn. Flares will not be called for until about Zero plus 90 minutes and will only be lit by the most forward troops. These contact 'planes will be marked by having two small black flags attached to the triangular 'plane near the tail of the machines.

A counter-attack 'plane will fly from Zero to dark. This 'plane will be marked by having a streamer attached to the Right Strut and on seeing an enemy concentration for a counter-attack will fire a S.O.S. Signal consisting of a parachute White flare giving off large quantities of smoke in the direction from which enemy is assembling or counter-attacking.

Special Aeroplanes have been detailed to drop S.A.A. for Infantry and Vickers Guns. Pumps for Infantry will be formed at P.4.d.2.2. and P.10.d.00.82. These positions will be marked by a "N" made of strips of white cloth 6ft. x 1ft. These "N's" will be placed, the former by 42nd. and the latter by 44th. Battalion. Vickers Guns requiring S.A.A. will place out a "V" made of White strips 6 ft. x 1ft. These 'planes are marked by the lower 'planes being painted black from the wing tips for 2ft. towards the body. Every endeavour will be made to salve the parachutes in dropping this S.A.A.

7. MACHINE GUNS.

(a). 11th. M.G. Coy.

(i) Three Guns will follow the 44th. Battalion to consolidate in the BLUE Line.

The roles of these guns will be one gun in P.10.d. to fire into the valley in P.17.a.

Two guns for the protection of the spur running through P.11.a.

(ii). One gun to follow the 42nd. Battalion for the protection of the valley of the SOMME.

(iii). Eight guns to consolidate about 1000 yards West of the BLUE Line with the following roles:-

Two guns for the protection of the Western slope of the spur in P.10.b.

Two guns for the protection of the spur in P.9.b.

One gun for the protection of the Southern exits from

HAMEL.

One gun for the protection of the Northern exits from

HAMEL.

Two guns for the protection of the Western slopes of the spur in P.4.b. and d.

As a secondary role these 8 guns will be prepared to put down a "S.O.S." barrage not less than 500 yards East of the BLUE Line in the valley in P.11.c. and P.17.a.

This will extend Southwards the S.O.S. in para. 4(b) below.

(iv). Four guns plus four extra guns of the 3rd. M.G. Battalion in J.33. to give covering and neutralising fire on selected targets during the infantry advance.

(b). OTHER MACHINE GUNS.

(i). Four guns of the 24th. M.G. Coy. will give covering fire on selected spots in HAMEL during the early stages of the advance.

(ii). Fourteen guns emplaced in J.28. and J.34. will give covering and neutralising fire on selected spots during the advance; after the BLUE Line has been gained these guns will be prepared to put down a S.O.S. barrage not less than 500 yards East of the BLUE Line in P.5.c. and P.11.

(c). NO Machine Gun fire will be opened until Zero plus 3 minutes.

(d). C.O. 44th. Battalion must ensure that his advancing infantry have normal safety clearance of machine guns firing from P.1.

8. ASSEMBLY. The forward taped line of assembly will be along the line:

P.8. Central.

P.9.a. 0.4.

P.3.b. 2.5.

This line will on "Y/Z" night be marked with pegs painted White on our side. These pegs will be joined up by tape and tapes will be led back through the gaps in the wire from certain of these pegs to the front line to guide the troops on to the Assembly Line. Wire will be cut for the gaps on "X/Y" night though it will not be removed until "Y/Z" night.

The 43rd. Battalion will assemble on this line with their rearmost troops closed up so that the Battalion has not a greater depth than 100 yards, thus allowing the 44th. Battalion to assemble well forward and clear our front line before the enemy's barrage comes down.

The 42nd. and 44th. Battalions will assemble as far forward as possible except that if so desired their reserve Coys. need not leave our present front line before Zero plus 30 minutes by which time they must be West of it.

During the first four minutes of the barrage the leading troops will get as close up to it as possible, the troops in rear closing

Two Platoons of 42nd. Battalion will assemble in J.34.c. in order to ensure that no gap occurs on our left flank.

P.T.O.

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8. (Continued).

One Platoon of each of the 43rd. and 44th. Battalions will assemble in the 15th. Battalion Area in order that touch may continually be maintained with the latter. For the same reason one platoon of 15th Battalion will assemble in the 43rd. Battalion Area.

Similarly one Section of the 43rd. and 44th. Battalions will assemble in the 42nd. Battalion Area and one Section of the latter in the 43rd. Battalion Area.

Each Battalion will detail two Officers who are not taking part in the action to supervise the assembly of the Battalion; this supervision being in addition to that of Company and Platoon Commanders.

The assembly of all Units is to be complete by Zero minus 15 minutes and immediately reported to Brigade Headquarters.

9. Mopping up.

Areas for mopping up are to be allotted to Companies, Platoons, and Sections.

Battalion mopping up areas are shown in Map "A"

11. Headquarters.

The location of Headquarters will be :-

- Brigade Headquarters. J. 25.d. 27.40. ("X/Y" night, "Y" day and "Y/Z" night).
- 41st. Battalion. J. 15.d. ("X/Y" night and "Y" day).
- 42st. Battalion. J. 25.d. 27.40. ("Y/Z" night).
- 42nd. Battalion. J. 28.a. 6.7. ("X/Y" night, "Y" day and "Y/Z" night).
- 43rd. and 44th. Battalions. P. 1.a. 4.4. (do do).
- Rear Brigade H.Q. -BUSSY. Billets Nos. 35 and 36.

ACKNOWLEDGE.

L.A. Tasey

Major.

Brigade Major, 11th Aust. Infantry Brigade.

Distribution.

- Copy No. 1. G.O.C.
- 2. B. M.
- 3. S. C.
- 4. 41st. Battalion.
- 5. 42nd. Battalion.
- 6. 43rd. Battalion.
- 7. 44th. Battalion.
- 8. 11th. T.M. Battery.
- 9. 11th. M.G. Company.
- 10. 4th. M.G. Battalion.
- 11. 4th. Aust. Inf. Brigade.
- 12. 12th. Aust. Inf. Bde.
- 13. 13th. Aust. Inf. Brigade.
- 14. C.R.A., 4th. Aust. Divn.
- 15. C.R.E. do do
- 16/19. 4th. Aust. Division.
- 20/21. 3rd. Aust. Division.
- 22. 15th. Aust. Field Amb.
- 23. 13th. Field Coy. Engrs.
- 24. 8th. Tank Battalion.
- 25. "C" Coy. 8th. Tank Battalion.
- 26. 11th Brigade Sig. Section.
- 27. 4th. Divl. Signal Coy.
- 28. 4th. Divl. Pioneers.
- 29/31. War Diary.
- 32. File.

11th. AUSTRALIAN INFANTRY BRIGADE.
Brigade Headquarters.
1st. July, 1918.

APPENDIX B III 19

Administrative Instruction No.1.
Issued with HAMEL Offensive Instruction No.1.

- SUPPLIES. 1. Supply will be by normal method. A special reserve of Iron Rations and Water has been placed in dumps as per Schedule "A" attached.
- TRANSPORT. 2. (a). Battalions will use their pack transport augmented by American transport for carrying material forward from Brigade dumps.
(b). Transport personnel will reconnoitre routes to be used on "Z" day and "Z/A" night and following night. Carrying parties will be detailed to carry material forward from locations where Pack transport will unload to Forward, Support and Reserve Coys.
(c). Transport lines will be established at the following places and immediately made proof against hostile bombing:-
- | | |
|------------------|-------------|
| 41st. Battalion: | H.28.b.5.0. |
| 42nd. Battalion: | H.28.d.7.7. |
| 43rd. Battalion: | H.35.a.5.0. |
| 44th. Battalion: | H.35.d.2.0. |
- AMMUNITION. 3. Dumps are established as per Schedule "A".
Battalion dumps will be drawn on first. Units arranging to keep their dumps filled by drawing from the Brigade dumps. Ammunition on Zero day will also be dropped per means of parachutes from aeroplanes, at dumps as per Schedule "A".
- HOT FOOD CONTAINERS. 4. Each Battalion has been issued with Hot Food Containers.
- WATER BOTTLES. 5. Additional water bottles to the number of 700 per Battalion will be issued to Units at their Transport Lines at 6.p.m. on "Y/Z" day.
- CHLORIDE OF LIME. 6. In dumps as per Schedule "A".
- SUPPLY TANKS. 7. Two Supply Tanks are available for the Brigade. They will establish forward dumps at approximately P.4.Central and P.10.d.00.82. fifteen minutes after the capture of the final objective. Material in dumps as per Schedule "A". Tanks will be marked on sides "11th. Brigade Supply Tanks".
- TANKS. 8. Units will arrange to have Battalion signs attached to their fighting tanks. Reserve tanks for this Brigade will have the 11th. Brigade oval coloured blue attached - size 15" x 3".
- PRISONERS OF WAR. 9. (1). 10 M.H.P. will report to Forward Brigade H.Q. of the 4th., 6th., and 11th. Brigades at 10 p.m. on the Evening of the "Y/Z" night.
They will take over all Prisoners of War after interrogation from the Brigades concerned and escort them to a forward P.O.W. Collecting Station at CORBIE. Map Location Sheet 62D., 0.5.c.8.8.
(2). Units will do their utmost to send all Prisoners to the Brigade Headquarters as expeditiously as possible and will not use the Prisoners for stretcher bearing unless the position absolutely warrants it.
(3). The P.O.W. will be taken from the forward collection Station at CORBIE under M.H.P. escort to the rear Division P.O.W. at N.11.c.8.8. and from there will be taken to the Corps P.O.W. Cage at POULAINVILLE.
(4). 11th. Bde.H.Q. is at J.25.d.27.40.
4th. Bde. H.Q. is at F.7.a.0.3.
Attention is directed to S.S. 135, Sec.27, and page 87, Appendix "A".

STRAGGLER POSTS.

10. Divisional Straggler Posts will be maintained at the following points:-

- No.1. I.33.b.2.2. No.2. O.2.b.5.3.
- No.3. O.9.a.8.3. No.4. O.1.c.2.5.
- No.5. N.6.a.5.5.

Brigade Straggler Posts will be established by 41st. Battalion at J.32.a.80.60., J.31.Central, P.1.Central. Battalions will arrange Straggler Posts of their own in addition to the Divisional and Brigade Posts.

STRAGGLER COLLECTING STATION. The Divisional Straggler Collecting Station will be at N.8.c.9,5.

All Stragglers collected and who are found to be Medically Fit will be fed and sent back to their respective Brigade at the earliest possible moment.

APPENDIX.

B III

SALVAGE.

11. Each Battalion will have one Platoon of its reserve Coy. specially earmarked to deal with Salvage from Zero plus 3 hours onwards.

Units will select prior to Zero day the location where they will form their Salvage dump and notify their transport personnel. Salvage will then be collected by all returning limbers and pack animals and conveyed to the 4th. Divisional Salvage Dump at BUSSY. Salvage Area as per Map attached.

BURIALS.

12.(a). One Platoon of each reserve Coy. will be detailed for Burial purposes.

(b). They must not operate on this work, however, until the attack is finished when they are not likely to be required for tactical purposes.

MEDICAL ARRANGEMENTS.

13.(1). M.D.S. for WALKING CASES will be at N.4.c.9.2.

A.D.S. for STRETCHER CASES will be at N.4.c.9.2.

H.D.S. for STRETCHER CASES will be at G.29.c.5.3.

LES ALENCONS.

GAS CENTRE will be at G.29.c.5.3.

All Gassed Cases will be sent to this location.

(2). O.C. 15th. Aust. Field Ambulance will be responsible for evacuation from 4th. Aust. Divisional Sector as follows:-

WALKING CASES direct to C.C.S.

STRETCHER CASES to M.D.S. LES ALENCONS.

(3). R.M.Os. forward battalions will move with battalion and will select new R.A.P. in consultation with O.C. Battalion at suitable site notifying site as soon as possible to O.C. 13th. Aust. Field Ambulance and to A.D.M.S. Communication will be maintained by means of Field Ambulance Stretcher-bearers. Bearer Relay and Motor Loading Posts will be moved forward by C.O. 13th. Aust. Field Ambulance as situation warrants.

(4). Adequate stocks of Surgical and Medical requirements, stretchers and blankets have been placed at all Medical Posts and R.A.Ps.

(5). Full use is to be made for the evacuation of WALKING CASES of returning empty mechanical transport.

(6). R.A.Ps. and evacuations as per Schedule "B" attached.

WATER.

14.(a). Water points (drinking water) are situated as follows:-

N.15.b.5.9. H.35.c.5.6.

Water for Horses - N.6.c.5.2.

(b). Before water in HAMEL or BOUZENCOURT is used, samples must be tested by R.K.O.

Tablets for purifying water will be issued to all Units.

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APPENDIX B III

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APPENDIX B III

Page 3.

Administrative Instruction No.1.

1st. July, 1918.

"B" and "C" 15.
ECHELONS.

Administrative details, Q.M.Store, Orderly Room will be established at transport lines location as per para.2.(c).

"C" Echelon and remaining personnel of "B" Echelon will remain in ALLONVILLE Area. *capt Rockliffe M.C.*
"C" Echelon will be commanded by ~~Major LOTT,~~ *43rd. Battalion.*

CASUALTIES. 16.

Casualties will be reported promptly. 43rd. Battalion will detail one Officer to report to the M.D.S. at N.4.c.9.2., and 44th. Battalion will detail one Officer to report to the M.D.S. at G.29.c.5.3. on the afternoon of "Y" day, for the purpose of noting all casualties to assist in checking the Brigade Casualty Lists. Number, rank, name, date of casualty, nature of casualty, and Unit are required in each case.

DEAD ANIMALS. 17.

Units will bury all dead animals in their respective areas. Parties will be definitely detailed beforehand for this purpose.

REAR BRIG--
ADE H.Q.

18. Rear Brigade Headquarters will be established in BUSSY.

H. Hillary

Captain.

(R.B.)

A/Staff Captain, 11th. Aust. Inf. Brigade.

Distribution:

To all recipients of HAMEL Offensive Instruction No.1.

SCHEDULE "A".BATTALION DUMPS.

Dump.	Location.	Article.	Quantity in each Dump.
No.1. "A" Bn. (44th).	P.8.b.0.4.	Ammunition, S.A.A. (25,000 clip packed bandolier, 25,000 packet packed (or loose).	50,000.
No.2. "C" Bn. (43rd).	P.2.d.1.5.	" Grenades No.36. " " Mills No.23.mk.II. " Stokes 3" Assorted Rings.	300. 200. 250.
No.3. "B" Bn. (42nd).	J.33.d.1.5.	Rations, Iron. Water in Petrol Tins. Lime, Chloride, Barrels. Quantity of BarbWire, long and short pickets.	200. 200. 1. -

BRIGADE DUMPS.

No.1.	J.25.d.4.3.	Ammunition, S.A.A. " Grenades No.23.Mk.II. " Stokes 3" Assorted Rings.	20,000. 250. 500.
No.2.	O.6.d.1.3.	Rations, Iron. Water, gallons. Quantity of Barb wire, long and short pickets, sandbags and galvanised iron.	250. 400. -

FORWARD DUMPS IN NEW AREA ESTABLISHED BY TANKS.

No.1. "B" Bn.	P.4.Central.	Wire, Barb, Coils. Pickets, long.	100. 150.
No.2. "A" Bn.	P.10.d.00.82.	Pickets, short. Iron, Sheets. Bombs, T.M.(not detonated). Water, Tins. Ammunition, S.A.A.	300. 28. 150. 34. 10,000.

DUMPS ESTABLISHED BY AEROPLANES.

No.1.	P.4.d.2.2.	Ammunition, S.A.A.	20,000.
No.2.	P.10.d.00.82.	" "	20,000.

PRESENT ENGINEER DUMPS CONTAINING R.E. MATERIAL.

Locations.	J.34.a.80.45.
	J.32.c.10.80.
	P.2.d.50.50.
	P.8.a.20.80.
	P.1.d.90.30.

SECRET.

SCHEDULE "B".

MEDICAL ARRANGEMENTS.

Map Reference:- Sheets 62D. and 62E. 1/40,000.

	R. A. Ps.	Motor and Wagon Posts.	Motor Relay Posts.	Advanced Dressing Station.	Main Dressing Station.	Divisional Collecting Station.	Evacuation.
Right Bde.	0.24.a.5.7. 0.12.c.2.9. P.7.c.1.9. 0.6.d.3.6.	0.6.d.1.6. Hamelet. 0.17.c.3.7.	0.15.a.5.7.				<p>Right Sector. By hand carriage and wheeled stretcher to M.L.P. 0.6.d.8.5., thence through motor relay post 0.15.a.5.7. to A.D.S. Left Sector. By hand carriage and wheeled stretcher to M.L.P. J.26.Central and M.L.P. I.30.b.3.5.; thence through motor relay post I.32.a.2.5. to A.D.S. A.D.S. to M.D.S. By Divisional Amb. Transport. M.D.S. to G.C.S. By 3rd.M.A.C.</p>
Left Bde.	J.25.d.3.1. J.28.c.8.9. J.22.d.3.3. J.33.Central.	I.30.b.3.5. Smiths Farm. J.26.cent.	I.32.a.2.5.	K.4.c.9.2.	LES ALENCONS G.29.c.5.3.	H.19.b.0.6.	

APPENDIX.

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SECRET. 11TH AUSTRALIAN INFANTRY BRIGADE ORDER NO. 128. Copy No. 20.....

1. INFORMATION. The 202nd R.I.R., and portion of the 232nd R.I.R., and the Troops opposing us.
The 4th Australian Infantry Brigade is attacking on our right and the 12th Australian Infantry Brigade is holding the line on our left NORTH of the SOMME.
2. INTENTION. The 11th Australian Infantry Brigade acting under the orders of the G.O.C., 4th Australian Division will at Zero hour attack the Village of HAMEL and consolidate on the old British line running through P.4 and P.10 (Blue Line).
3. FRONTAGES. The Brigade Southern Boundary is the line P.8.central - P.10.d.65.30.
The Brigade Northern Boundary is the River SOMME (exclusive).
The inter-Battalion Boundary is the road P.3.c.4.7. - P.4.d.5.1., inclusive to Right Battalion, 43rd and 44th Battalions operating South of this road and the 42nd Battalion NORTH of it.
4. OBJECTIVES. The 43rd Battalion will capture and Mop Up the Village of HAMEL.
The 44th Battalion after leap frogging through 43rd Battalion will Mop Up the Right Battalion area up to the safety limits of the protective barrage, and consolidate on the Blue Line.
The 42nd Battalion will Mop Up in the Left Battalion area up to the safety limits of the protective barrage and consolidate on the Blue Line.
The 41st Battalion will be in Brigade Reserve.
5. REPORTS. Reports will be sent to Advanced Brigade Headquarters at J.25.d.27.40.

ACKNOWLEDGE.

Brigade Headquarters,
2nd July 1918.
EJR

L.A. Vasey
Major.
Brigade Major, 11th Inf. Bde. A.I.D.

DISTRIBUTION.

To all recipients of HAMEL Offensive Instructions Nos., 1, 2, 3 and 4.

Headquarters,

2nd July 1918.

APPENDIX B.V.

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HAMEL OFFENSIVE CIRCULAR NO. 2.
SIGNAL COMMUNICATIONS.

1. Brigade Headquarters will be in communication with all Battalions by Ground Cable and Visual.
2. Brigade forward Station will be established at P.9.b.40.95.
3. Cable Head will be in the vicinity of P.2.b.50.20.
4. (a) Two metallic circuits will be laid from Brigade Headquarters to Cable Head.
(b) Two metallic circuits will be laid to the Brigade forward Station, one Infantry and one Artillery.
5. (a) Central Brigade Visual Station will be established at J.19.c.90.35.
(b) Visual Stations will also be established at Brigade forward Station and Headquarters of each of 42nd, 43rd, and 44th Battalions.
6. Visual Stations will be connected to the nearest Headquarters or Cable Head.
7. Visual communication will be established to Right Brigade and Right Brigade forward Station.
8. Line communication will be established to both flank Brigades.
9. Signalling to Aeroplanes will be by Ground Flares, Popham Panels, and O.L., lamp if necessary.
10. Wireless communication will be established between Brigade forward Station and Brigade Headquarters, and between Brigade Headquarters and 4th Australian Divisional Headquarters.
11. All visual messages will be sent D.D.
12. Pigeons will be supplied to Assaulting Battalions and will be drawn from Brigade Headquarters on "Y" day.
13. Message Rockets from forward positions will be fired to Brigade forward Station, thence to Brigade Headquarters through Test Point situated at 43rd and 44th Battalion Headquarters.
14. Station calls for Aeroplanes will be :-

11th Brigade Headquarters.....	E.
41st Battalion.....	F.
42nd Battalion.....	D.
43rd Battalion.....	T.
44th Battalion.....	N.
15. All possible means of communication will be used.-

Telephone	Visual
Wireless	Aeroplanes
Pigeons	Runners
Message Rockets.	
16. The code laid down in S.S., 135 Appendix "B" will be used for Popham Panel messages.
17. Diagram of Communications attached.
18. Wireless calls will be as follows :-

Trench Sets.	2/3	3/4	4/5	5/6.
4th Aust. Division.	LHO	BAJ	YAA	YAX
11th Bde. H. Qrs.	LHT	DAP	YAM	LHK
(Left Bde) 12th Bde H. Q. YDR	YAL	DAK	YDG	
(Right ") 4th Bde. H. Q.	YAS	LHN	YDI	YAF
Loop Sets.				
11th Bde. H. Qrs.....	DKM			
11th Bde. Fwd. Station.....	YLN			
4th Bde. H. Qrs.....	DOO			
4th Bde. Fwd. Station.....	LMN			

Accumulators will be charged at 42nd Brigade Headquarters J.19.c.7.7.

CORRECTION to HAMEL Offensive Instruction No. 1.

Para 8 Lines 2 and 3 for P.9.a.9.4. and P.3.b.2.5., read P.8.b.2.5 and J.33.d.15.10.

Para 8 fourth sub-para, last line for "WEST" read "EAST".

L. A. Vasey.

Major.

Brigade Major, 11th Inf. Bde. A.I.F.

DISTRIBUTION. To all recipients HAMEL Offensive Circular No. 1.

HAMEL OFFENSIVE INSTRUCTION NO 3.

APPENDIX B VI

1. S.O.S. The S.O.S., Signal from 12 Noon 2nd July is a Rifle Grenade bursting into three green lights, one over another. From Zero minus 1 hour until Zero the S.O.S., line will be the start line of the 18 par. barrage.
2. BRIGADE O.P. The Brigade O.P., will be established at J.19.c.90.35. An Officer of the 41st Battalion will be at this O.P.
3. MAPS AND DOCUMENTS. No Maps showing our trenches, Headquarters or any other secret information will be taken forward of Battalion Headquarters.
No papers which give identification of Units or information useful to the enemy will be carried by any Officer, N.C.O., or man.
4. SYNCRONISATION OF WATCHES. Each Unit will send an Officer to Brigade Headquarters at 3 p.m., and 9 p.m., on "Y" day in order to obtain Synchronised time.
No Synchronisation will be done over the telephone.
5. ENEMY DOCUMENTS.
(a) Officers and N.C.O's only will be searched by a responsible Officer and all documents and maps taken from them. These will be sent without delay to Brigade Headquarters. Privates will not be searched.
(b) At least two N.C.O's per Battalion will be detailed as dug-out searchers. All documents and maps found will be at once sent to Brigade Headquarters.
6. PRISONERS. Officer and N.C.O., Prisoners will be kept separate from Privates, and as far as possible the locality in which a prisoner was captured will be sent with him.
7. INFORMATION FROM OUR OWN WOUNDED. 42nd and 43rd Battalions will detail an Officer with two runners to be at the Motor and Wagon Posts at J.26.Central and I.30.b.3.5., respectively. These Officers will, with the M.O's approval, question our wounded. All information so gained will be sent to Brigade Headquarters.
8. FORMATIONS. Each Assaulting Battalion will attack in two lines followed by a line of Moppers Up, and a Reserve Company. Each Company will provide its own Moppers Up.
9. PROTECTION OF ASSEMBLY. 42nd and 43rd Battalions will cover the assembly of the Brigade with strong fighting Patrols from Zero minus 2 hours until Zero minus 8 minutes.
10. COMMENCEMENT OF ASSEMBLY. Assaulting Battalions will commence to assemble on the taped line at Zero minus 2 hours.
11. FIXING OF BAYONETS. Bayonets will be fixed at Zero minus 8 minutes.
12. LIAISON. Captain G.LONGMORE, 44th Battalion and Captain D.A.YOUNG, 43rd Battalion will be Liaison Officers at 4th and 12th Australian Infantry Brigade Headquarters respectively. They will report to these Headquarters on Y/Z night.
Close liaison both from front to rear and to the flanks will be maintained between all Units.
13. ADVANCE OF RESERVE COMPANIES. The rate of advance of the Reserve Companies of 42nd and 44th Battalions will be so regulated that they do not advance EAST of the position of the Support Line to the Blue Line (where they will consolidate) unless they are required to complete the capture of the Blue Line.
14. REPORTS. From Zero to Zero plus 6 hours reports will be sent in every half hour and from Zero plus 6 hours until A/B night every hour, or more frequently as the situation demands.
15. HAMEL VILLAGE.
(a) The 44th Battalion may be required to assist the 43rd Battalion by attacking HAMEL from the EAST.
(b) After the Village has been Mopped Up all Troops will be withdrawn from it.
16. ENEMY SNIPERS. After reaching the Blue Line, Enemy Snipers must be dealt with by our Snipers, Vickers and Lewis Guns and Stokes Mortars.
Tanks will assist in this by Mopping Up, up to about 100 yards of the Blue Line protective barrage.
17. TACTICAL COMMANDER. The Infantry Commander on the spot is responsible for the decision as to the joint action of tanks and infantry. He will give such orders to the Tank Section Commanders as the situation demands. His orders should not interfere with the general plan of the operation as laid down in the orders of higher authority.

2.

18. PATROLS. Active Patrolling with a view to securing identification will be carried out on Z/A night and A/B nights

19. SECRECY.

(a) All Troops will remain under cover from enemy observation, both aerial and ground, during "Y" day.

(b) All messages prior to Zero hour in connection with the operation will only be sent by fullerphone or D.R.

20. PASSWORDS. The following Passwords will be used on the Brigade Front :-

Y/Z night	BILLY.
Z/A night.	DIGGER.
A/B night.	BLACKBOX.

Headquarters,
2nd July 1918.
EJR.

L.A. Casey

Major.
Brigade Major, 11th Inf. Bde. A.I.F.

DISTRIBUTION.

To all recipients of HAMEL Offensive Instructions Nos. 1 and 2.

(1) The following instructions will be detailed as follows:-

(2) The following instructions will be detailed as follows:-

(3) The following instructions will be detailed as follows:-

(4) The following instructions will be detailed as follows:-

(5) The following instructions will be detailed as follows:-

(6) The following instructions will be detailed as follows:-

(7) The following instructions will be detailed as follows:-

(8) The following instructions will be detailed as follows:-

(9) The following instructions will be detailed as follows:-

(10) The following instructions will be detailed as follows:-

(11) The following instructions will be detailed as follows:-

(12) The following instructions will be detailed as follows:-

(13) The following instructions will be detailed as follows:-

(14) The following instructions will be detailed as follows:-

(15) The following instructions will be detailed as follows:-

(16) The following instructions will be detailed as follows:-

(17) The following instructions will be detailed as follows:-

(18) The following instructions will be detailed as follows:-

(19) The following instructions will be detailed as follows:-

(20) The following instructions will be detailed as follows:-

HAMEL OFFENSIVE INSTRUCTION NO. 4.

APPENDIX B VII

1. COUNTER ATTACKS. In case of an enemy Counter Attack all Troops will hold the ground in which they are disposed and if the enemy has penetrated our defences Support and Reserve Troops will immediately Counter Attack and regain any lost ground or trenches. Support and Reserve Platoons going forward to Counter Attack will leave behind a nucleus garrison of one Lewis Gun per Platoon.
2. BOMBING BLOCK. The 44th Battalion will ensure that a Bombing Block is established in the trench leading into the Enemy's lines at about P.10.d.6.2.
3. CONSOLIDATION OF POSITIONS AFTER CAPTURE OF BLUE LINE.
 - (a) The attached plan "A" shows approximately the lines to be consolidated and the dispositions of Troops after the capture of the Blue Line.
 - (b) Lines of Consolidation as shown on plan "A" will first be a series of platoon posts which will later be connected laterally.
 - (c) Detailed plans of dispositions by Companies and Platoons as on Z/A night will be forwarded to Brigade Headquarters by Battalions by 10 p.m., "Z" day.
4. MOVE OF RIGHT BATTALION HEADQUARTERS. 44th Battalion Headquarters will move after the capture of the Blue Line from P.1.a.4.4., to P.8.b.2.3.
5. APPROACH OF TANKS. All ranks must be warned to keep watch out for the advance of our Tanks.

In order that the Reserve Tanks may be guided between groups of our men and wounded, the 44th Battalion will detail 3 men to accompany each of the six Reserve Tanks of "B" Company 13th Tank Battalion.
6. OFF LOADING OF TANKS. Each Battalion will detail a party to off load the stores being carried in a box on the back of each fighting Tank. It is not necessary to mount the Tank to empty these boxes.
7. DIRECTION. Direction will be maintained by the Officers commanding Flank Platoons of Battalions, who will do so by means of the compass.

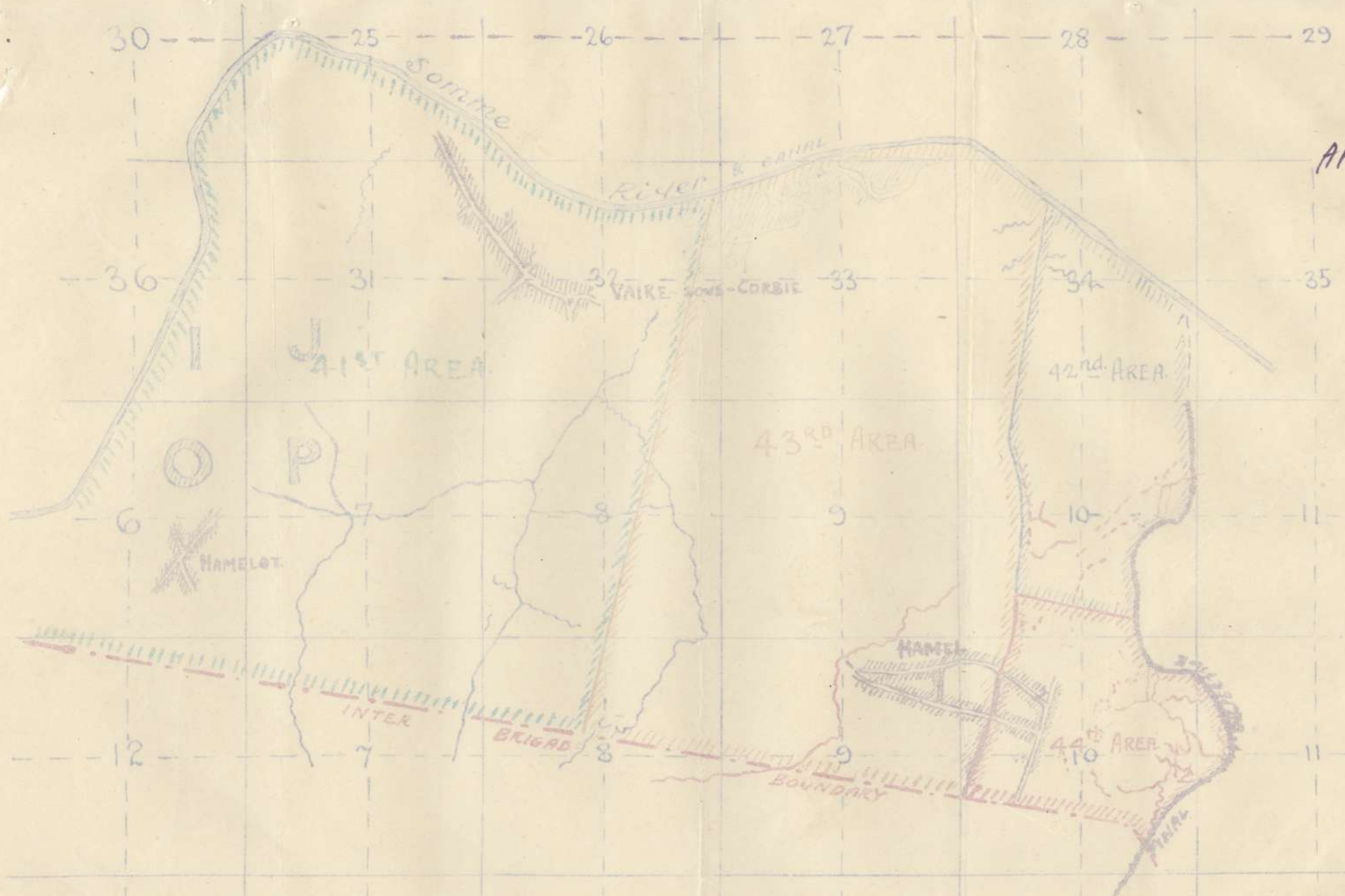
Headquarters,
2nd July 1918.
EJR.

L.A. Vasey.
Major.
Brigade Major, 11th Inf. Bde. A.I.F.

DISTRIBUTION.

To all recipients of HAMEL Offensive Instructions Nos. 1, 2 & 3.

APPENDIX B VIII
(a)

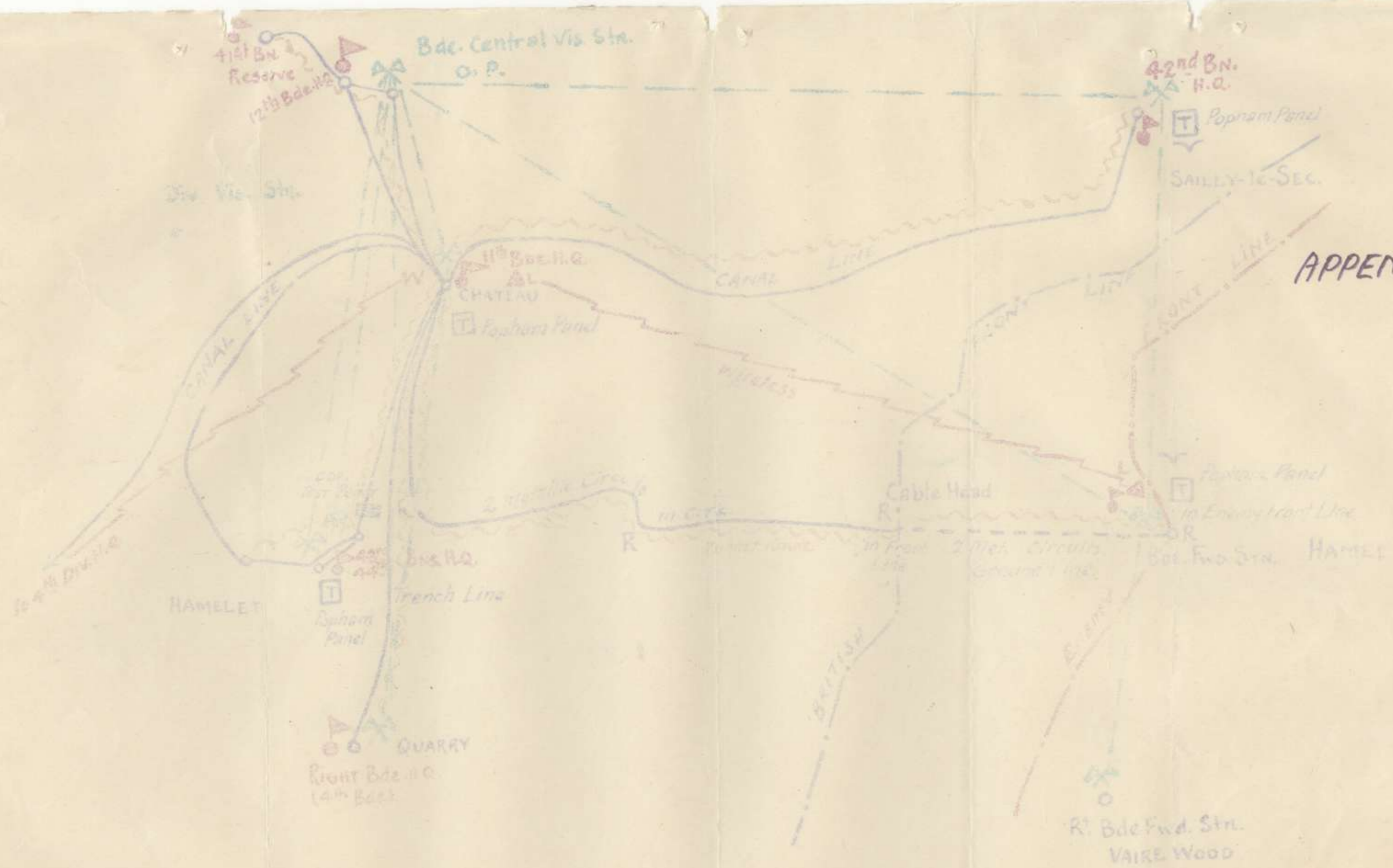


REPI

11TH. AUST. INF. BDE. SALVAGE AREA. Ref. Sheet LA NEUVILLE 1:20,000

APPENDIX B VIII

APPENDIX B VIII
(b)



PRELIMINARY COMMUNICATION
SCHEME
11th AUST. INF BDE.

LEGEND

- Runner Posts
- Wireless
- Visual
- Cable
- Runner Route
- H.Q.

1916

APPENDIX B VIII

(c) 1916

MAP J.
1:20000.

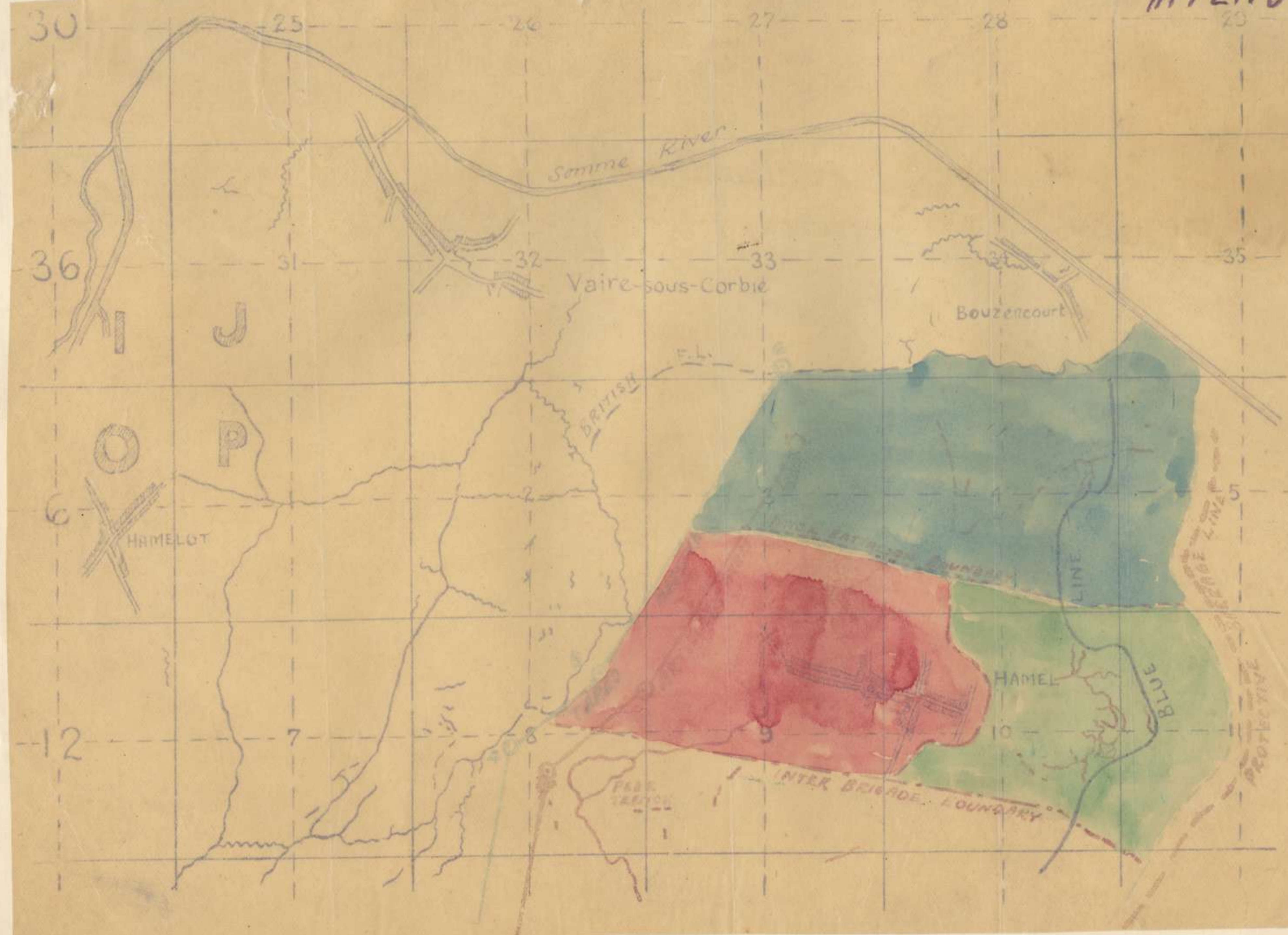
MOPPING-UP
AREA.

LEGEND

- 42nd BN
- 43rd BN
- 44th BN

APPENDIX B VIII

APPENDIX B VIII 31



— Report on Operations of 4th instant by —
 — LIEUT. MCKAY 13th Field Coy A.E. —

Preliminary Report. —

"To O.C. 13th FLD. COY. A.E.

— July 4th 1918. —

According to instructions I took a party of 2 NCOs and 6 Pappers and reported to H.Q. 11th Aust. Inf Bde at 2 am. this morning.

at 4.50 am we left Bde H.Q. and proceeded to reconnoitre the area captured by 42nd, 43rd - 44th Battalions.

Roughly the dugouts discovered were as follows.

In front line trenches in P4 b+d, P10 b+d.

There are a lot of dugouts in these trenches most of them with 8-12 ft cover - a few have 20 ft cover, including about 4 large dugouts.

There are a large number of shelters excavated in trench.

In trenches P9 a-c we found no deep dugouts, only small ones to hold about 4 men.

In HAMEL we found a number of cellars useful for shelters and a few dugouts (not very deep)

In sunken Road P4 c5.0. a tunnel entrance has been started, and also in quarry at P4 d 01 a few tunnel faces have been started.

R.E. DUMPS. —

In HAMEL churchyard P9 b 94 was a small German R.E. Dump - only dump found.

Several small parcels of R.E. material are distributed along new front line trench evidently from tanks

WATER SUPPLY —

In HAMEL we found at least 12 wells - some very deep.

I estimate there are at least 20 wells in HAMEL.

Fuller Report to follow.

(Sgd) R. McKay Lt.

13th Field Coy A.E. "

(2)

Report on Reconnaissance —

" Reconnaissance Report on dugouts, R.E. dumps, & water supply in area captured during HAMEL offensive 4-7-18.

Reconnaissance party consisted of 1 officer 2 NCOs and 6appers. of 13th Field Coy R.E. left 11th Bde H.Q. at 4-45 am.

First examined ground in P 9 up to Bde Bdy. on one side and up to boundaries of HAMEL on other. HAMEL was then searched, and then ^{we} traversed the trenches in P 4 b and d. & P 10 b & d up to Bde Bdy with exception of about 50 yds of trench at Southern end. During the latter part of reconnaissance there was considerable enemy shelling. One machine gun and three prisoners were captured during reconnaissance.

R.E. DUMPS. —

Only German R.E. Dump was found in Church in HAMEL P 9 b 9.4. - only a small amount of pickets & wire on dump

About 30 coils of wire were found near trench at P 10 b 5.9.

At P 4 d 5.1. were 17 coils of barbed wire, 40 shot pickets & 4 coils of French wire evidently dropped from a supply tank.

Small quantities of wire & pickets were seen at various places along main trench evidently from supply tanks.

Water supply —

In HAMEL there are apparently over 20 wells. Some are very deep and wells were seen at following places but there were so many no record was kept of the others.

P 10 c 6.8

P 10 c 5.9

P 10 a 4.0

P 10 a 3.0 15

P 10 a 2.5 20

P 9 b 7.7.

P 9 b 6.5

most of the wells had water in them but no samples taken

(Sgd) J.M. Kay Lt "

13th F.C.A.E

196

35

APPENDIX C I

(APPENDIX C)

Particulars of Dugouts captured on 4-7-18

Location	Accommodation	Particulars of Dugouts
P 9 -	32 - 40 men	8 small dugouts each accommodating 4-5 men - splinter proof only
P 10 C 05		Entrances for dugout started on each side of road - about 20' excavated one end - 8' excavated at the other - about 7' of cover
P 10 A 6.0		Cellar dugout - 2 entrances with 5' cover - alongside M.G. position and anti-tank gun
P 9 B 8.2		Small dugout from cellar about 5' cover used as A.M.C. Post.
P 4 D 01		Four entrances started for dugouts - only a few sets in each
P 4 C 50		Entrance tunnel started - 12 sets in position
P 10 B 4.0		In German Strong Point - entrance shaft only 14 sets
P 10 B 4.2		do do - entrance shaft only
P 10 B 4.4		- a few sets in position

APPENDIX CT

(APPENDIX C)

Location	Accommodation	Particulars of Dugout
P10d7.6.	30 men	Single entrance shafts - deep but foul owing to dead Germans from Stokes mortars
P10d7.7.		Large dugout - 2 entrances - 18' cover
P10d9.8.		Small dugout - 6' cover - 10' x 5' wide in one slope
P10b9.0		
P10b9.1.	30 men	Large dugout - 2 entrances - 9' cover - 30' x 6'
P10b9.2		" " - 3 entrances - 7' cover, 3 chambers measuring 50' x 6', 8' x 6', 20' x 4' respectively
P10b7.4		Small dugout - 7' x 4' - 10' cover
P11a0.7	30 men	" " - 6' x 4' - 10' cover
P4d5.1.		Single entrance shaft. 20' driven - 14' cover at bottom
P4d5.5.		" " " 20' " - 9' cover at bottom
P4b7.0.	30 men	Dugout NOT timbered - 3 entrances, 7' x 5' x 50' - 8' cover
P4b7.2.		Dugout - 2 entrances - 6' x 5' x 40' - 8' cover
P4b9.2.		" - single entrance - 27' x 4' x 6' high - 20' cover
P4b8.2.		" - single entrance - 6' x 3' x 6' 6" - 20' cover
P4b9.3.	30 men	" - " " - 6' x 4' - 10' cover

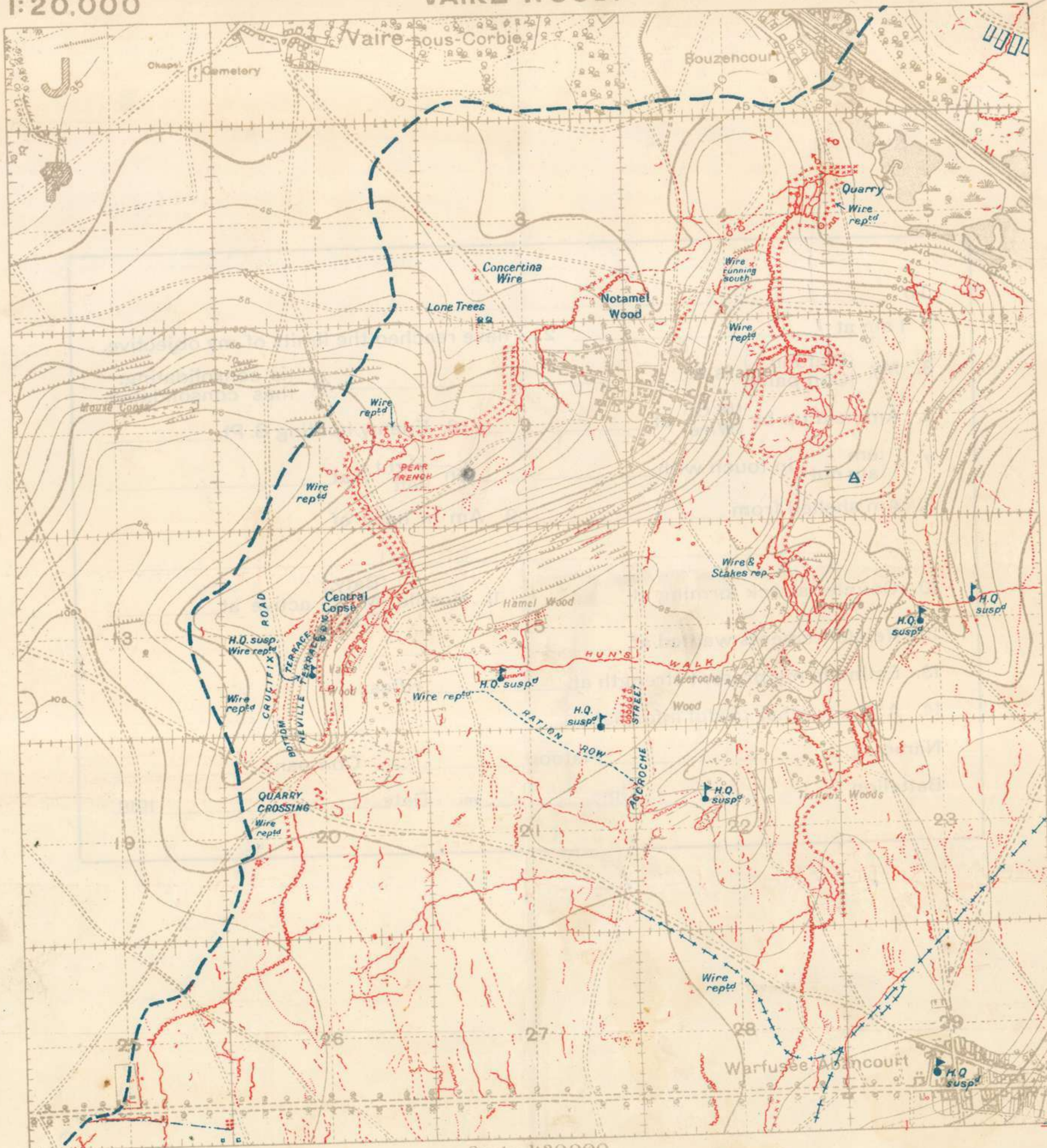
↑ Grant Line
 New
 ↓ In

APPENDIX C.

1:20,000

VAIRE WOOD.

Parts of 62° NE & 62° S.E.



Approximate British Front Line ——— 22-6-18

TRENCHES CORRECTED FROM INFORMATION RECEIVED UP TO 24-6-18.

APPENDIX C 1 37

37

APPENDIX C II

Form W. 3415. **C. APPENDIX C II**
 (To be retained by O.C., P.O.W. Coy.) **No 435415**
 Received from No 3100 The Hamilton Pioneers
12th Aust 1st Bde
 Rank.....
 Surname.....
 Christian Names.....
 Regiment..... 30th Pkts Pkfl
 the sum of.....
 Date..... 4/7/18..... A. Cooper O.C.
 No..... 435415 P.O.W. Coy.
 W.9294. M.2794. 8000. 10/17 H.&S. E.1853. W.3415.

SECRET

APPENDIX D I

Headquarters,
 4th Aust. Div. Engrs.,
 5th July, 1918.

2579
 5/7/18

O's.C. 4th, & 13th Fd. Coy's, A.E.

- The Divisional Area will now be re-organized on a three Brigade front. The necessary reliefs will take place during nights 5/6th and 6/7th.
- On completion of the reliefs the Brigade Sectors will be held, from Right to Left, as follows,-

Bde.	Sector	Boundaries	Bde.	Distribution of Battalions.	Remarks.
	Right	Divl. Southern boundary to line A-A-A-A on map.	4th (less 2 Bns)	1 in Front and Support Systems. 1 in Reserve.	Remaining 2 Bns in Divl. Reserve in AUBIGNY SYSTEM.
	Centre	Line A-A-A-A on Map to line C-C-C-C on Map	13th	2 in Front and Support Systems. 1 in Reserve.	
	Left.	Line C-C-C-C on Map to Divl. Northern Boundary	12th	2 in Front and Support Systems. 1 in Reserve.	

- Brigade H.Q. will be established, after the completion of the relief, as follows,-
 4th Aust. Inf. Bde. - CORBIE.
 13th " " " - QUARRY at O.12.b.9.4.
 12th " " " - J.19.c.4.4.

- On completion of reliefs Field Companies will work as follows,-
 4th Field Coy with 4th & 13th Brigades.
 13th " " " 12th Brigade.

Robert W. ...
 Lieut-Colonel,
 C.R.E. 4th AUSTRALIAN DIVISION.

Copies to -
 4th Aust. Div.
 4th, 12th, & 13th Aust. Inf. Bdes.

196

39

APPENDIX DII

APPENDIX DII

(Copy.)

SECRET

FOURTH AUSTRALIAN DIVISION.

INSTRUCTIONS FOR THE DEFENSIVE NO. 15.

DE 2516
DATE 5/7/18

Reference attached Map.

1. Consequent upon the advancement of the Divisional front to the present line the following re-organization of the defences of the divisional sector will take place.
2. The new front line and the support line now being constructed about 400 yards behind it will be organized as a forward system. These two lines are to be made continuous and to be provided with a strong wire obstacle.
3. The old German front line East of VAIRE WOOD and HAMEL village will be adapted to form the nucleus of a Support System for the Forward Zone. This will have to be extended to the North as far as the River and to the South to junction with the Support System of "A" Division.
4. Our old Front and Support systems will be adopted as the Reserve System of the Forward Zone. This would have to swing back on the Right along PIONEER SWITCH, in P.9.a. and O.24.b., junctioning with the Reserve System of "A" Division via the old Reserve System running N. & S. through O.24 Central.
5. Brigade Commanders in the line will submit proposals for initiating this organization, bearing in mind the necessity for linking up with neighbouring brigades, and for the development of defence in depth within the area.
6. The C.O. Machine Gun Battalion will arrange, in consultation with Brigade Commanders and the C.R.E., for the construction of a system of M.G. Dugouts and positions for the defence of the Forward Zone in depth.

(Signed) J.D. LAVARACK,
Lieut-Colonel,
G.S., 4th AUSTRALIAN DIVISION.

Headquarters,
4th July, 1918.

APPENDIX
DB 2516
DATE 5/13/18

Headquarters,
4th Aust. Div. Engrs.,
6th July, 1918

O's.C. 4th, & 13th Pd. Coy's, A.E.

Please submit, in consultation with your Brigadier, your proposals in regard to the organization of the captured territory for defence, on the lines laid down on accompanying map.

R. Phelan
Lieut-Colonel,
C.R.E. 4th AUSTRALIAN DIVISION.

Copy and map to
13th Pd. Coy for information.

Defence scheme in regard to captured territory. — (vide appendix D III)

In view of the advancement of the front of this Brigade to a line J36b 2.3. on the North; to P5d 0.0. on the South, it has been decided to make a continuous front line between these points except where the marshy nature of the ground prevents this being done. This work is actually well in hand as is also the wiring of this line.

It is proposed to make a continuous support line to be well wired from J36a 4.7 on the North; to the old English line P5a 1.4. (except across the marshy ground near the river which is impassable and well covered from both front and proposed support lines). It is proposed to dig short C.T.s back from them to the old English trench.

With regard to the intermediate line; this can easily be formed by extending DIGGERS AVENUE from J33d 91 to P4a 2.7. onto the old German line at P4c 0.5.

From P4a 2.7 a Communication Trench is being dug to P4b 6.2.

On the North side of the River a C.T. is proposed from J35b 5.4 to J36c 5.6.

A deep dugout for forward Battalion H.Q. is being constructed at P4a 6.2 and a R.A.P. (improving old dugout) at P4b 9.3.

(Sgd) R.R. Carr
Major
O.C. 13th Field Coy A.F.

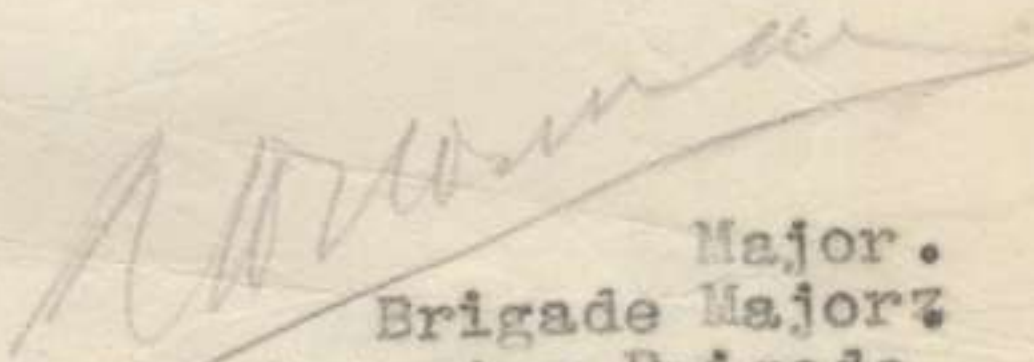
APPENDIX E 1

APPENDIX E 1

All recipients of 12th A.I. Bde Order No. 216.

ZERO hour will be 12.15 a.m. 8th July 1918.

7/7/18.


Major.
Brigade Major
12th Aust. Infantry Brigade.

SECRET.

Copy No. 26.

12th AUSTRALIAN INFANTRY BRIGADE ORDER No. 216.

Map Ref. Boyonvillers 1/20,000.

7th July 1918-

1. A minor operation will be carried out on the night 7/8th July 1918, at an hour to be notified later by the 45th Battalion and 46th Battalion in co-operation with the 14th A.I. Brigade, with the object of straightening the present front line from P 11 a 30 00 to J 30 d 50 00.
2. The objective Battalion and Brigade Boundaries are shown on the attached map.
3. Two Companies of the 45th Battalion will move forward at 10.30 p.m. 7th inst. from present front line to the objective South of the SOMME and dig in protected by patrols.
4. Two Companies of the 46th Battalion will carry out the attack North of the SOMME to the Brigade Boundary. The 54th Battalion, 14th A.I. Brigade, will co-operate by advancing their line from the Brigade Boundary to J 30 d 50 00.
The attack will be supported by an Artillery barrage in accordance with attached Table "A".
The attack of the 46th Battalion will be launched from a taped line and the attacking troops will be on the jumping off tape lying down by ZERO minus 10 minutes.
5. Two light Trench Mortars are allotted to the 46th Battalion for attachment to the two attacking Companies. Carrying party for ammunition will be provided by 46th Battalion.
6. On the objective being reached Platoon Posts will be dug and the new line will be held by two Platoons from each of the attacking Companies. The remaining two Platoons will move back on completion of consolidation and occupy the old German front line.
7. 12 Guns of the 12th Machine Gun Company will co-operate by carrying out harassing fire on selected tracks and back area targets from ZERO.
8. Reserve Company of 46th Battalion will move forward from present position and occupy the Support line and will be replaced by a Company of the 48th Battalion. Moves to be completed by 11.30 p.m. on the 7th inst.
9. Dumps and Medical arrangements will be arranged Regimentally by the 48th Battalion.
10. Success signals will be fired on reaching the objective. This signal will be a Red and White Verrey light fired simultaneously from the objective towards our old line.
11. Watches will be synchronised from Brigade Headquarters at 9 p.m. ~~XXXXXXXXXXXXXXXXXXXX~~ An Officer from Brigade will visit Battalions at this hour.
12. ZERO hour will be notified later.

ACKNOWLEDGE.

Issued to Signals at 4 p.m.
Distribution : Normal.
Extra copies to
see Overleaf.

A. M. Murray
Major.
Brigade Major.
12th Aust. Infantry Brigade.

Copy No. 1

12th AUSTRALIAN INFANTRY BRIGADE ORDER NO. 216

7th July 1918

Map Ref. 120,000

A minor operation will be carried out on the night of 7th July 1918, at a point to be notified later by the 48th Battalion and 48th Battalion in co-operation with the 13th A.I. Brigade, with the object of capturing the German trench line from P 11 to P 20 to P 30.

Distribution of 12th A.I. Brigade Order No. 216

Extra Copies to :-

- 12th Aust. M.G. Company.
- 14th A.I. Brigade.
- 13th A.I. Brigade.
- Left Group Artillery.
- Centre Group Artillery.
- 4th Aust. Div. Artillery.
- 4th Aust. Division.
- 54th Battalion.

1. The objective of the operation is to capture the German trench line from P 11 to P 20 to P 30. The attack will be supported by an artillery barrage in accordance with the plan attached as 'A'.

2. The 48th Battalion will be divided into two platoons. One platoon will be held in reserve and the other will be used for the attack. The remaining two platoons will move back on completion of the operation and occupy the old German trench line.

3. The 13th Machine Gun Company will cooperate by carrying out harassing fire on selected tracks and back areas from 2300.

4. The 48th Battalion will move forward from present positions and occupy the support line and will be relieved by a platoon of the 13th Battalion. Orders to be completed by 11.30 p.m. on the 7th inst.

5. Messes and medical arrangements will be arranged by the 48th Battalion.

6. Success of the operation will be judged on reaching the objective. This will be a red and white Vozoy light fired simultaneously from the objective towards our position.

7. Orders will be communicated from Brigade Headquarters at 8 p.m. and orders from Brigade will reach the 48th Battalion at 10 p.m.

8. 1200 hours will be notified later.

M. J. ...

Major,
Brigade Major,
12th Aust. Infantry Brigade.

Issued to ...
12th Aust. Infantry Brigade.

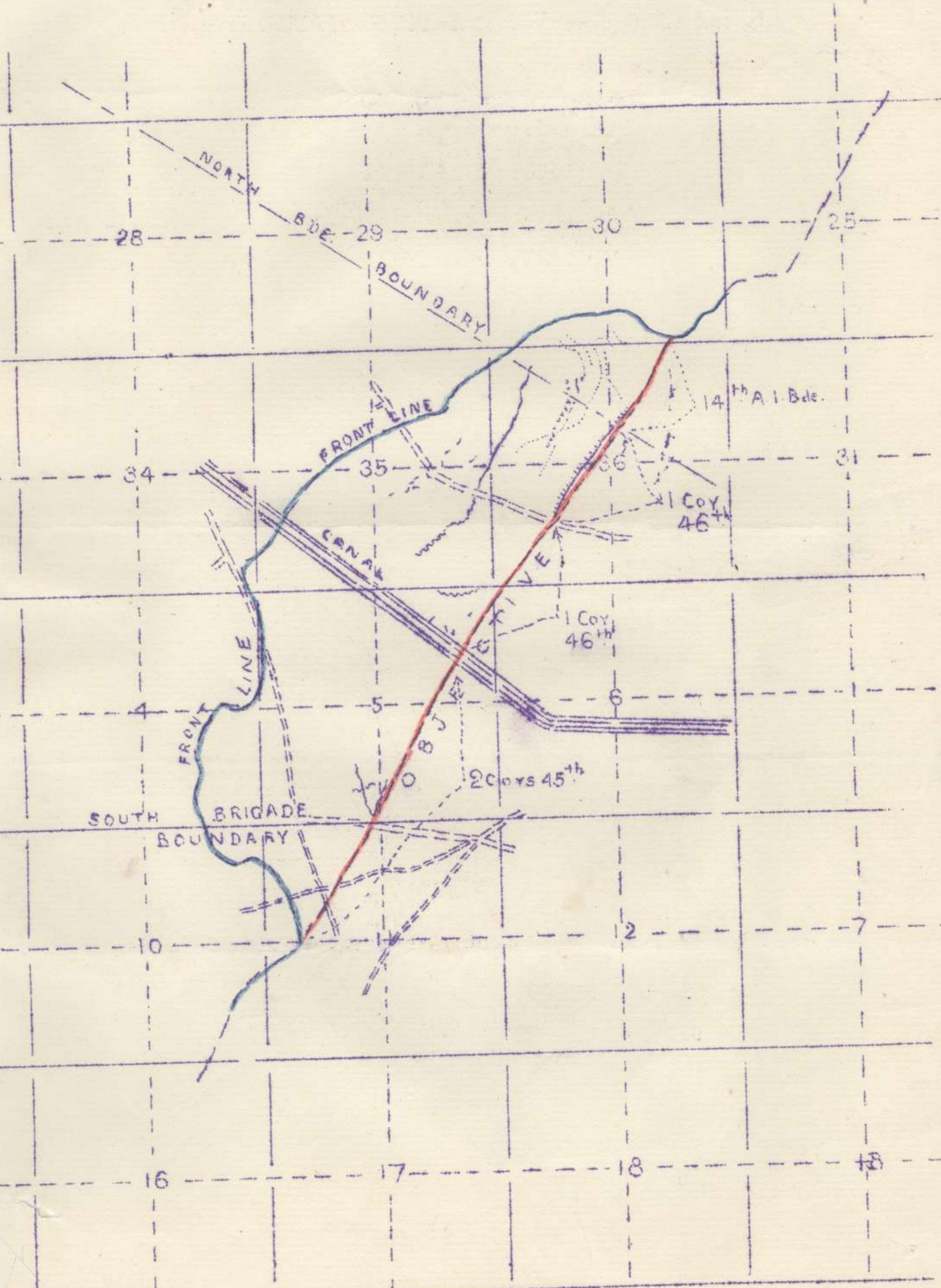


TABLE "A" to ACCOMPANY BRIGADE ORDER No. 216.

The following is the Barrage which will be put down in co-operation with the attack of the 46th Battalion.

Time.	Line	Rate.
Zero to Zero plus 3	J 36 a 4 5 65 to J 35 d 10 00	
Zero plus 3 to Zero plus 4	J 36 a 70 55 to P 5 b 25 85	
" " 4 " " "	J 36 a 75 55 to P 5 b 30 80	3
" " 5 " " "	J 36 a 85 50 to P 5 b 40 70	rds
" " 6 " " "	J 36 a 90 45 to P 5 b 50 65	per
" " 7 " " "	J 36 b 00 40 to P 5 b 60 60	gun
" " 8 " " "	J 36 b 10 35 to P 5 b 65 50	per
" " 9 " " "	J 36 b 20 30 to P 5 b 70 45	min.
" " 10 " " "	J 36 b 35 20 to P 5 b 85 35	
" " 11 " " "	J 36 b 50 10 to P 6 a 00 20	
" " 12 " " "	J 36 b 65 05 to J 36 d 35 35	
	to P 6 a 25 00.	
Zero plus 13 to Zero plus 43	J 36 b 65 05 to J 36 d 35 35	1
	to P 6 a 25 00	rd
		per gun
		per min.

The above is for all 13 pounders and 18 pounders of A and B sub-groups XX and 298th Army Brigade.

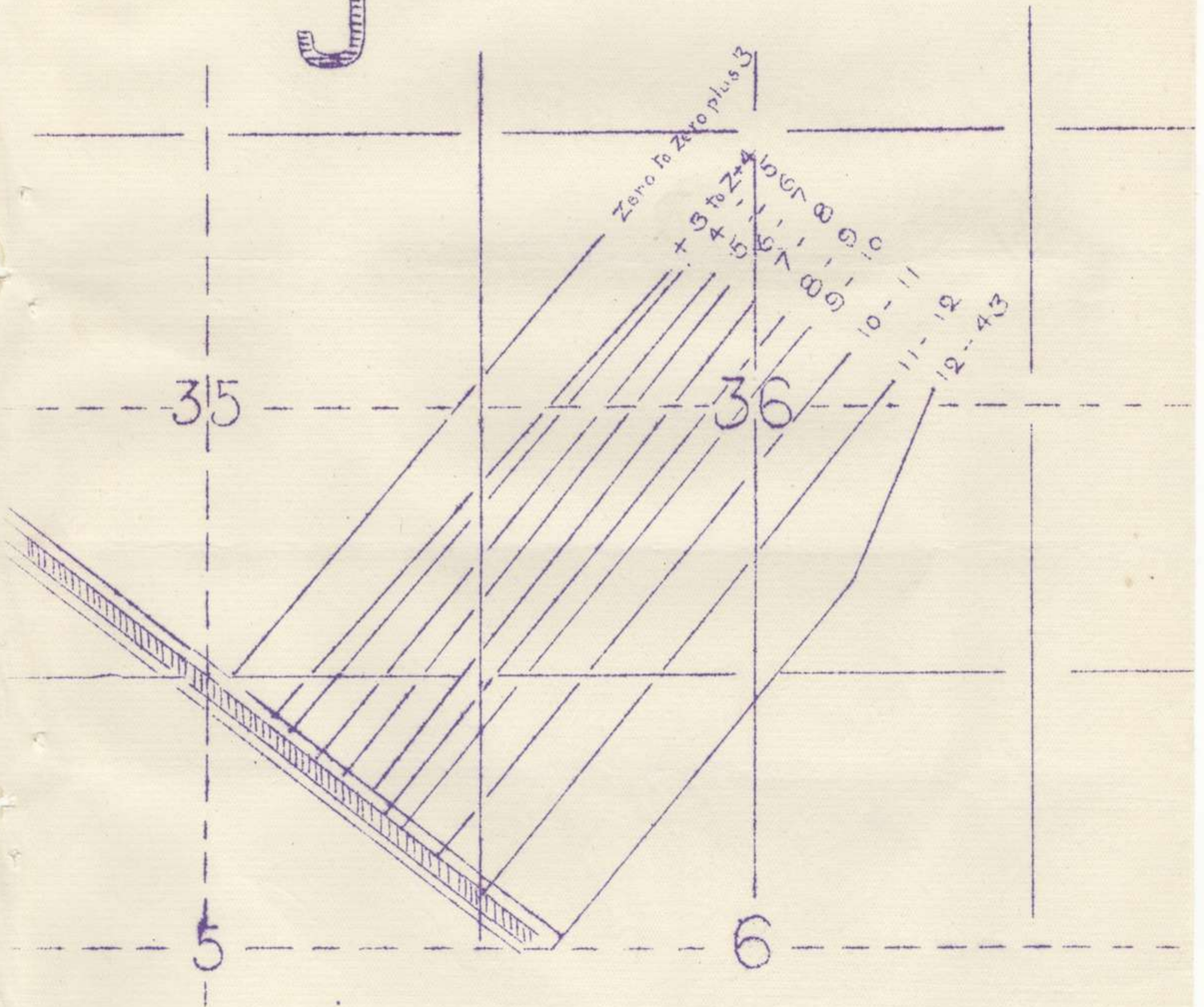
Time.	D/235	D/298	Rate
Zero to Zero plus 3	Point J 36 a 94 21	Point J 35 d 60 00	2
	Point J 36 a 38 05	" J 35 d 50 10	rds
	" J 36 d 40 45	" J 35 d 68 45	per
	" J 35 d 95 85	" J 35 d 83 75	How
			per
Zero plus 3 to	J 36 c 30 50 to	P 5 b 60 60 to	min-
Zero plus 4	J 36 b 00 40	J 36 c 30 50	ute.
Zero plus 4 to	J 36 c 35 45 to	P 5 b 65 50 to	
Zero plus 5	J 36 b 10 35	J 36 c 35 45	
Zero plus 5 to	J 36 c 45 40 to	P 5 b 70 45 to	
Zero plus 6	J 36 b 20 30	J 36 c 45 40	
Zero plus 6 to	S.O.S. lines	K 31 a 60 00 to	1
Zero plus 13		J 36 c 75 15	rd
			per
Zero plus 13 to	S.O.S. lines	K 31 a 60 00 to	How-
Zero plus 43		J 36 c 75 15	per
			Min-
			ute.

The above is for Howitzers only.

ARTILLERY BARRAGE

TRACE 1/10,000.

J



DIVISIONAL ENGINEER ORDER NO.9.

19C

by

Lieut. Colonel R.J. DYER, D.S.O.C.R.E. 4th AUST. DIV.

In the Field.

10.7.18.

RELIEF.

The 3rd Australian Division are relieving 4th Australian Division in the line commencing on 11th inst.
Relief is to be completed on 13th inst.
Relief of Field Companies and Pioneer Bn will be completed by 6 p.m. on 12th inst.
Completion of relief to be reported to this office.

4th Field Coy will hand over works in the line to 10th Field Coy. and take over works and billets of 10th Field Coy.
13th Field Coy will hand over works in the line to 9th Field Coy and take over works and billets of 9th Field Coy.
12th Field Coy will hand over works in the line to 11th Field Coy and take over works and billets of 11th Field Coy.
4th Pioneer Bn will hand over works in the line to 3rd Pioneer Bn and take over works and billets of 3rd Pioneer Bn.

Details of relief will be arranged mutually between C.O's concerned.

LOCATION.

9th Field Coy H.Q. at FRECHENCOURT.
10th " " H.Q. at QUERRIEU.
11th " " H.Q. at RIVERY.
3rd Pioneer Bn H.Q. at BUSSY.

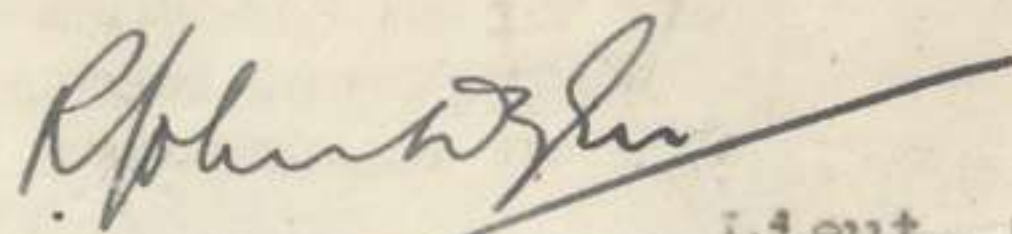
PONTOON
EQUIPMENT.

13th Field Coy will hand over Dormant Bridge in O.2.a. to 9th Field Coy.
9th Field Coy will retain two pontoon waggons with loads as emergency stores for VAUX Bridge, i.e. 13th Field Coy will take over 1 Trestle waggon gear from 9th Field Coy only.
12th Field Coy will hand over Dormant Bridge in O.4.c. to 11th Field Coy and take over 11th Field Coy's equipment complete at RIVERY.
4th Field Coy will hand over two pontoons and their superstructure, now in bridge at VAUX to 11th Field Coy through O.C., 12th Field Coy., i.e. 4th Field Coy will march out with 1 trestle waggon gear.

ENGINEER
HDQTRS.

C.R.E's office will close at BUSSY at 10 a.m. on 13th inst. and open at COISY at 11 a.m. on 13th inst.

*ACKNOWLEDGE.



Lieut. Colonel.
C.R.E. 4th AUSTRALIAN DIVISION.

Distribution.

- Copy No. #1 - 4th Field Coy.
- *2 - 12th Field Coy.
- ✓ *3 - 13th Field Coy.
- *4 - 4th Pioneer Bn.
- 5 - 4th Aust. Div.
- 6 - C.E. Aust. Corps.
- *7 - C.R.E. 3rd Aust. Div.
- 8-10 - War Diary.
- 11 - File.

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APPENDIX F II



RSB

APPENDIX F II

Headquarters,
4th Aust. Div. Engrs.,
11th July 1918.

HEADQUARTERS 4TH AUS.
DIVN. ENGRS.
No. *DB2563*
DATE *11/7/18*

(Secret).

O's.C. 4th, 12th, and 13th Field Coy's. A.E.

On completion of move Brigade Groups will be composed as follows:-

<u>"A" Brigade Group.</u>	<u>"B" Brigade Group.</u>	<u>"C" Brigade Group.</u>
4th Aust. Inf. Bde.	12th Aust. Inf. Bde.	13th Aust. Inf. Bde.
4th Aust. M.G. Coy.	12th Aust. M.G. Coy.	13th Aust. M.G. Coy.
4th Aust. Field Coy.	24th Aust. M.G. Coy.	12th Aust. Field Coy.
4th Aust. Field Amb.	13th Aust. Field Coy.	13th Aust. Field Amb.
7th Coy. A.A.S.C.	12th Aust. Field Amb.	27th Coy. A.A.S.C.
	28th Coy. A.A.S.C.	

Robertson

Lieut-Colonel,
C.R.E. 4th AUSTRALIAN DIVISION.

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APPENDIX F III

Headquarters,
4th Aust. Div. Engrs.,
11th July, 1918.

HEADQUARTERS 4th AUS
DIV. ENGRS.
No. 2553
DATE 11/7/18

O's.C. 4th, 12th, & 13th Fd. Coy's, A.E.

The following extracts from 4th AUSTRALIAN DIVISION Administrative Instructions No. 87 are forwarded for your information and necessary action.

Receipts and statements in accordance with paras. No. 6 and 8 will be forwarded to this office as early as possible. Location of Coy Headquarters and Transport Lines will be reported immediately on completion of move.

Map Reference - Sheet 62D. 1/40,000.

1. RAILHEAD. AILLY-SUR-SOMME for 12th & 13th Brigades and Artillery.
POULAINVILLE on 12th instant for 4th Brigade, - thence by Decauville to H.9.d.
- 2.. SUPPLIES. Headquarters Div. Train remain at H.25.d.1.9. Supplies will be delivered to Units by Train Waggon.
3. REFILLING POINTS.

Div. Troops	-	H.21.a.9.7.
4th Aust. Inf. Bde.	-	H.9.d.
12th Aust. Inf. Bde.	-	M.2.a.6.3.
13th Aust. Inf. Bde.	-	M.3.c.0.4.
4. 1st LINE TRANSPORT. In vicinity of Units.
5. AMMUNITION. Units will move with Echelon full.
6. TRENCH SHELTERS & TENTS. All tents and trench shelters will be handed over to relieving units and receipts ~~will~~ forwarded to D.H.Q. within 48 hours of relief.
8. BILLETING. Units will send parties forward to take over accommodation from relieving units as follows:-

4th Aust. Inf. Bde.	QUERRIEU Area.
12th Aust. Inf. Bde.	ALLONVILLE Area.
13th Aust. Inf. Bde.	RIVERY Area.

 Units will forward to D.H.Q. at earliest opportunity the numbers of tents and trench shelters taken over.
9. BATHS. Baths are located as follows:-

The Hospice, RIVERY	60 per hour.
CARDONETTE	" " "
ST. GRATIEN. B.28.a. (Corps Baths)	60 per hour.
QUERRIEU. (Corps Baths)	100 per hour.

- 2 -

(APPENDIX F III)

10. CLOTHING STORE. At ALLONVILLE Chateau from which clothing will be supplied to Baths by Div. Baths Officer.
11. WATER POINTS.
- | | |
|---------------|--|
| CARDONETTE | Water Cart Refilling Point and Horse trough. |
| FRECHENCOURT | B.29.c.8.2. |
| RIVERY | G.32.c.9.1. |
| QUERRIEU & | H.23.a.4.4. |
| PONT NOYELLES | H.18.a.0.3. |
| Areas. | H.17.b.9.2. |
| | H.17.c.8.5.) |
| | H.35.a.Cent.) Horses only. |
| | H.22.b.2.3. |
| | H.24.c.cent. |
| | H.24.d.1.8. |
| | H.28.c.8.1. |
| | H.28.d.3.4. |
| | H.30.d.cent. |
| | H.35.a.0.0. |
| COISY | A.26.b.8.4.) Stand pipes & |
| | G.3.c.3.9.) horse troughs. |
12. HORSE TROUGHS.
- | | |
|--------------|-------------|
| FRECHENCOURT | B.30.b.7.3. |
| | B.30.d.6.7. |
| | B.30.d.1.2. |
16. GENERAL PURPOSE & SUPPORTING POINT RATIONS. Receipts for the handing over of these must show locations - number of rations and tins of water in each dump.
17. VETERINARY. Mobile Veterinary Section will remain at G.33.b.7.1.

I. P. Partridge

Lieut. & Adjt.
for C.R.E. 4th AUSTRALIAN DIVISION.

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1918

APPENDIX F IV

All Battalions.
12th A.L.T.M. Bty.

The Brigade will be relieved on the night 12/13th, and the G.O.C. wishes Battalions to concentrate on connecting front line posts to form a continuous line, and that the front line is well wired.

To assist the 46th Battalion in wiring their front the Company of the 48th Battalion will carry the wire necessary forward to the front line to-night and to-morrow night.

8 parties of 8 o/ranks from 46th Battalion will be required to-morrow night to wire under supervision of the 13th Field Company, who will provide 2 Sappers for each party and will tape out line of wire.

Times ~~at~~ for parties etc., will be notified to-morrow.

9/7/18.

Copy to 13th Fld. Coy. Engrs.

[Signature]
Major.
Brigade Major.
12th Aust. Infantry Brigade.

H.Q.	
12TH AUSTRALIAN INFANTRY BRIGADE	
No.	3395/18
Date	9-7-18

APPENDIX.

APPENDIX F IV

5-2

SECRET.

Copy No. 13.....

12th AUSTRALIAN INFANTRY BRIGADE ORDER No. 218.

Ref. Sheet 62 D. 1/40,000

11th July 1918.

1. In continuance of Brigade Order No. 217, the following Units on completion of move to ALLONVILLE Reserve Area will compose the 'B' Brigade Group under the Command of the G.O.C. 12th A.I. Brigade.

12th A.I. Brigade.
 12th Aust. M.G. Company.
 24th Aust. M.G. Company.
 13th Aust. Field Company.
 12th Aust. Field Ambulance.
 26th Coy. A.A.S.C.

2. All Units will submit to Brigade Headquarters locations immediately on arrival.

ACKNOWLEDGED.

A. M. 210 + m. 217
 Major.
 Brigade Major.
 12th Aust. Infantry Brigade.

Issued to Signals at... 11 P.M.
 Distribution: Normal.

Extra Copies to:- 4th Aust. Div.
 4th M.G. Battn.
 12th M.G. Coy.
 24th M.G. Coy.
 13th Fld. Coy.
 12th Fld. Amb.
 26th Coy. A.A.S.C.

Handing over Report to 9th F.C.A.E
by 13th Field Coy A.E.

Reference Sheet 62° 1:40.000

Sector — The North Boundary of the Left Brigade sector runs - along grid line J20c0.0. - J22d0.0 thence through J30c0.0. The South boundary runs P1a0.6. - P2c2.6. along road to P2c8.2. thence P2c85.00. along grid line to P5d0.0.

Disposition — H.Q. + 3 sections in dugouts J19c6.4. - one of Coy. — section in Woollen Mills DAOURS 01a5.5. Transport H36a4.4.

Accommodation — Adequate ~~dugout~~ accommodation exists at 01a5.5 for 2 sections - dugout accommodation at J19c6.4. for 7 officers + 90%.

Communications — Forward positions (J19c6.4.) By telephone to Brigade H.Q. (J19c5.4) Runner to signal office (J19c5.4) thence D.R.L.S.

Rear position (01a5.5.) Telephone extension of CRE line - Divnl H.Q. Runner.

C.R.E. — BOSSY-LES-DAOURS H35c4.7.

REDUMPS — main dump DAOURS-01a6.5.
 KOWLOON DUMP J26d9.2
 P2d5.7.
 P8b0.4.
 P4c6.8.

Water Points — NBC95.30. (DAOURS) - J26c8.8. (VAUX-SUR-SOMME) — BONNAY.

Rations — Per supply wagon to DAOURS - thence lumber to Forward positions

Works handed over —

Work	Particulars
02606. R.SOMME	Bridge Guard 1 NCO. 3 Sprs River Patrol 1 Spr
J19c5.4.	Dugout for Signals D/298 RFA
J14a58	} artillery R/295 RFA
J19a56	
I30a7.6.	
J25d25	Water supply to baths
J19c8.6.	Dugout for 499 th RFA.

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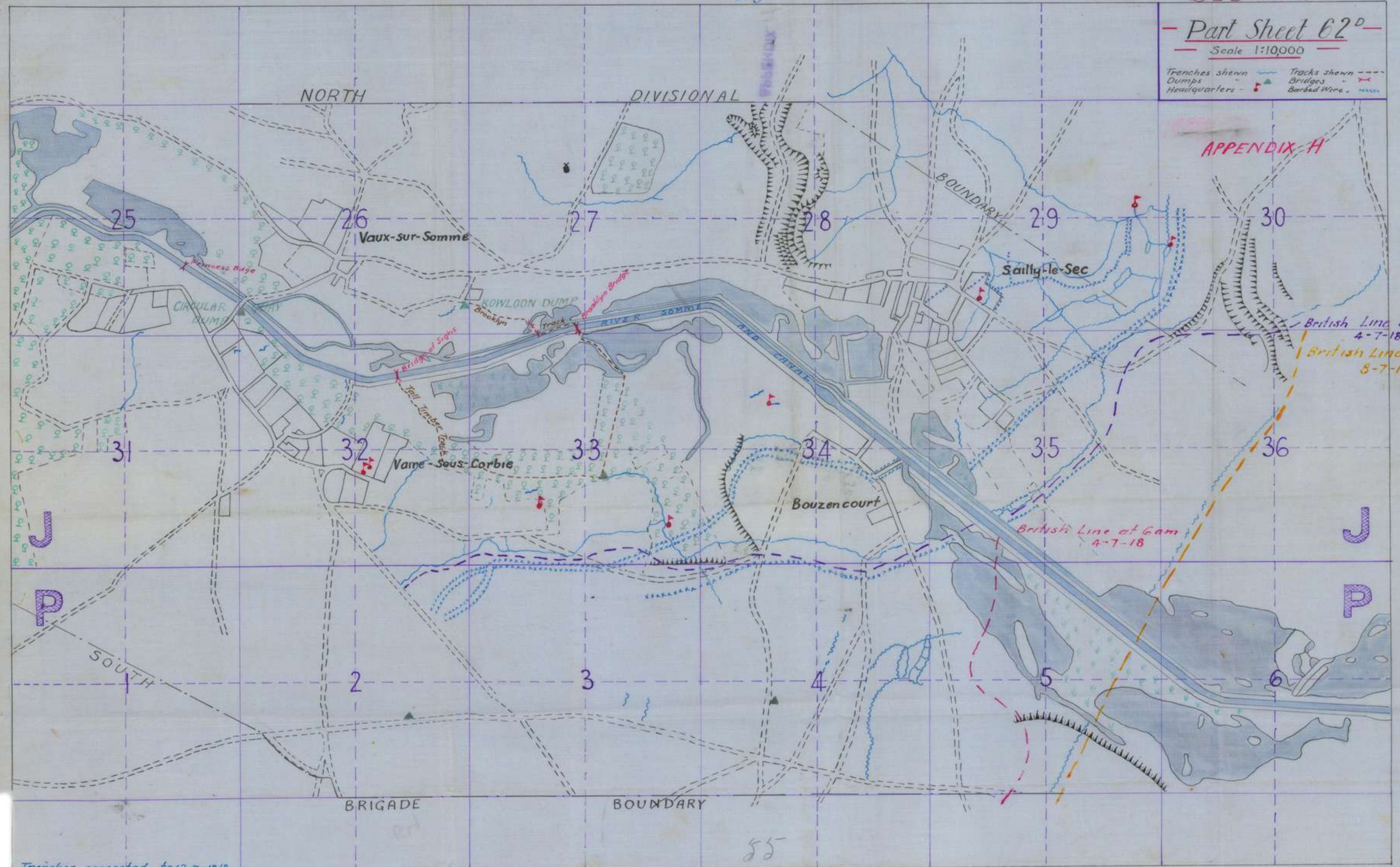
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Defence works as handed over to 9th Field Coy A.F. SECRET.

Part Sheet 62^D

Scale 1:10,000

Trenches shown	Tracks shown
Dumps	Bridges
Headquarters	Barbed Wire



APPENDIX H

British Line at 3am
4-7-18
British Line at 3am
8-7-18

British Line at 6am
4-7-18

Trenches corrected to 12-7-1918.

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Transport Activitiesduring period June 1st. - July 12th.

During the tour of duty of this Company in the forward area, the following R. E. Stores have been conveyed by the transport section from rear to forward dumps —

Iron Cupola 'C' — — — 227 sheets	Grider shoes	131
" " 'B' — — — 126 "	Wire netting	14 rolls
" Corrugated — — — 116 "	Pickets wooden (long)	210
Sandbags — — — 18250 "	" " (short)	550
Malthoid — — — 11 rolls	Expanded metal	282 sheets
Lagging — — — 286 lin. ft	Timber 6" x 2"	180 lin ft
Pit props 5' — — — 20	Cumcotton	19 cases
" " 6'6" — — — 40	Primers	68 boxes
Nails 1" — — — 7 lbs	Detonators	100
" 2" — — — 167 "	4 1/2 size (safety)	98 ft.
" 3" — — — 284 "	" (Instantaneous)	425 ft.
" 4" — — — 212 "	Wire plain	16 coils
" 5" — — — 84 "	Canadian Stoves	2
" 6" — — — 125 "	French Boards	184
Anti gas Cloth — — — 20 yds	Wheelbarrows	4
Shovels — — — 660	Angle Iron Pickets	270
Picks — — — 780	Dogspikes	12
Mats — — — 6	White paint	34 lbs.
Wire Barbed — — — 3004 coils	Tracing tapes	300
" Concertina — — — 55 "	blunts	3 lbs.
Screw Pickets (long) — 5670	Bolts 5" x 3/8"	24.
" " (medium) — 8580		
" " (short) — 7180		
Rolled Steel Joists — — 29		

Visit of French Prime Minister to the Australian Troops.

It will interest members of the AUSTRALIAN Corps to know how it was that the Prime Minister of France came up to visit us the other day and what he said.

When the Supreme Council of the Allies was sitting at Versailles the other day, and the Prime Ministers of France, Italy, and England were present around the table, and all the Prime Ministers of the Dominions, it so happened that there came in, while they were deliberating there, the news of the battle of Hamel, and of the success that the Australian Troops had gained. All those present asked the Secretary to telegraph at once their congratulations to the Australians. But when it came to M. Clemenceau, the venerable Prime Minister of France, after starting to instruct the Secretary to telegraph his congratulations also, he said: "No, I will go and tell them myself."

M. Clemenceau is 78 years of age. Every Sunday he drives to some division of the French Army, goes to see them close up to the line, travelling hundreds of miles through the country in spite of his age. This Sunday he determined to come to an Australian Division. As the 4th Australian Division had been directing the operations at Hamel, he came to that. After chatting and laughing with the Officers and men who could be got together at short notice at Headquarters—as much at home amongst them as if he were a boy again—he said he would like to say a word or two to them on behalf of the French people. A number of the men were gathered into a rough semicircle, and the little Premier, "The Tiger," as he is known by the French, standing in front of them simply, without any attempt to flatter or over-do his praise of them, made them in English the following speech:—

"Gentlemen," he said, "I hope you will be kind enough to excuse my faulty English. I know only a little, but I find it very useful at this moment, this English, because it enables me to tell you what all the French people think of you. When the Australians came to France we expected a great deal of you. First, because we had heard of what you had done in war in Gallipoli; secondly, because we had heard a great deal of what you had accomplished in peace in your own country. The French people expected that when you came to France to fight in this great struggle, which, after all, is the same for the French, the English, the Australians and all those who have fought this great war out in the cause of freedom, which is the same for all, they expected a good deal of you; and I should not like to say that they have been surprised that you have fulfilled that expectation. They admired most the fact that you were capable of doing what they expected of you. The more they expected of you, the more they held it in admiration.

"Hamel—after all, that is not such a very great battle; but I am ready to hold that in a comparatively small battle the man, the fighting man, who goes in to give all he has—his home, his hopes, his life itself—in a small battle his qualities show in all the brighter light, the action of each individual man having more influence in the final result. In a very big action it is not possible to notice so well the qualities of particular men. Well, in this battle the Germans saw that they had before them men who came from far away to attest that wherever free people lived, in England, in France, in Australia, New Zealand, Canada, and all free countries, these were not ready to give way to the Boche who has acted with such barbarity—who wounded and killed not only men in battle, but women and old men and little children—who ruined and destroyed our country, our houses, our fruit trees, even our gardens.

"We have all been fighting beside each other here. It is such a wonderful thing that this should happen in history on these old fields of battle which you had read of in books, hearing of wars which you had not seen and the consequences of which you had never expected to see. It is a wonderful thing that you should be fighting beside us on these old battlefields of history. Still, it has come true. The work of our fathers, which we wanted to leave unharmed to our children, they tried to rob us of. They tried to take from us all that was dearest in modern society. But the free nations of the world said that the Boche should not do this so long as they were there to come and prevent it. Men were the same in England, in France, in Italy, and all the countries which are proud of being the home of a free people. And that is what you did. And that is what made us greet you when you came. We knew that you would fight a real fight. But we did not know that from the very beginning you would astonish the whole continent.

"I have come here just for the very purpose of seeing the Australians. I am going back to-morrow to see my countrymen and tell them: 'I have seen the Australians. I have looked in their eyes. I know that these men who have fought great battles beside us in the cause of freedom will fight alongside us again until the cause of freedom for which we are battling is safe for us and for our children.'"

The Australians who had been listening to this fine speech from the Grand Old Man of France, gave three tremendous cheers for France, which affected him greatly. He then called for three cheers for Australia, and left to go back to Paris.

July 21st 1918. 59

H. O. R. E.

4th Aust. Div.

APPENDIX LII

Reference your D.E. 2590 of 15-7-18 Instructions
on Wiring.

To hold rigidly to the principle that two men carry out one job only, would mean unnecessarily large squads.

The following suggestion is put forward with regard to the standard Double Apron Fence - The Normal Carrying Party for this fence as laid down in S.S. 177 is 1 N.C.O. and 15 men. By increasing this party by 1 man so that it can be divided up evenly into pairs the carrying party could also be made the wiring party i.e. the wiring squad carries up sufficient material for the job it is to do - 50 yds. The party, before it leaves the dump is numbered 1 to 16.

N.C.O. carries pair of wire cutters

1, 2, 3 & 4 each carry 4 long screw pickets,

5, 6, 7 & 8 " " 8 short

9-15 (inclusive) each carry 2 coils of wire.

16 carries roundlassing sticks, 1 pair wire cutters, necessary hedging gloves & one tracing tape.

The N.C.O. leads the party up to the head of the work and he and N° 16 lay out the tracing tape along which Nos 1, 2, 3 & 4 in the order named lay out and screw in the long pickets at 4 pace intervals.

As soon as the N.C.O. and N° 16 have laid the tape, they return to the head of the work where N° 16 pairs with N° 15 & the N.C.O. details the men out to their tasks which would be on per table as follows:-

Task	Mens.	No.	Task	Mens.	Numbers
Wiring out.	2	N.C.O. + N° 16	Top fence	2	7, 8
Long S.Ps	4	1, 2, 3, 4	Rear Drag	2	9, 10
Short S.Ps	8	5, 6, 7, 8	Rear Top H	2	15, 16
FRONT	2	5, 6	Rear 2 nd H	2	13, 14
REAR	2	7, 8	Rear Trip	2	11, 12
Front Drag	2	9, 10			
1 st Trip	2	11, 12			
2 nd H	2	13, 14			
Top H	2	15, 16			
Bottom Fence	2	1, 2			
2 nd Fence	2	3, 4			
3 rd Fence	2	5, 6			

(2)

The only men who do two distinct tasks are the men who carry out the pickets i.e. 1 to 8 inclusive who in addition to putting out and screwing in the pickets also put on the fence wires also N° 16 who assists the N.C.O. in laying out the tape and afterwards works with N° 15.

I am trying to carry out wiring as per SS 177 and we have found that the carrying and wiring parties almost invariably get mixed, the fact that the carrying party having finished its work as soon as it delivers the materials to the wiring party, is a great temptation to men of the wiring party to get away in the dark and mix with the carrying party and so get back to camp a good deal earlier than they otherwise would.

Of course if the wiring party has to do more than 50 yards in one night, a separate carrying party is needed for materials over & above those necessary for the first 50 yards which are carried by the wiring party. The emphasis cannot be laid on the necessity of getting dumps of materials formed as far forward as possible by the night previous to that on which the work is to be done and these dumps must be easily located.

The only other remarks I have to make are that to my mind, the Standard Low Wire Entanglement as laid down in SS 177 is worse than useless. To be any good at all, it should be twice the width i.e. 8 yards instead of 4 yards and must have a very considerable amount of the wire worked into it.

(Sgt.) R. Bar
Sergeant

O.C. 13th Field Coy A.E.

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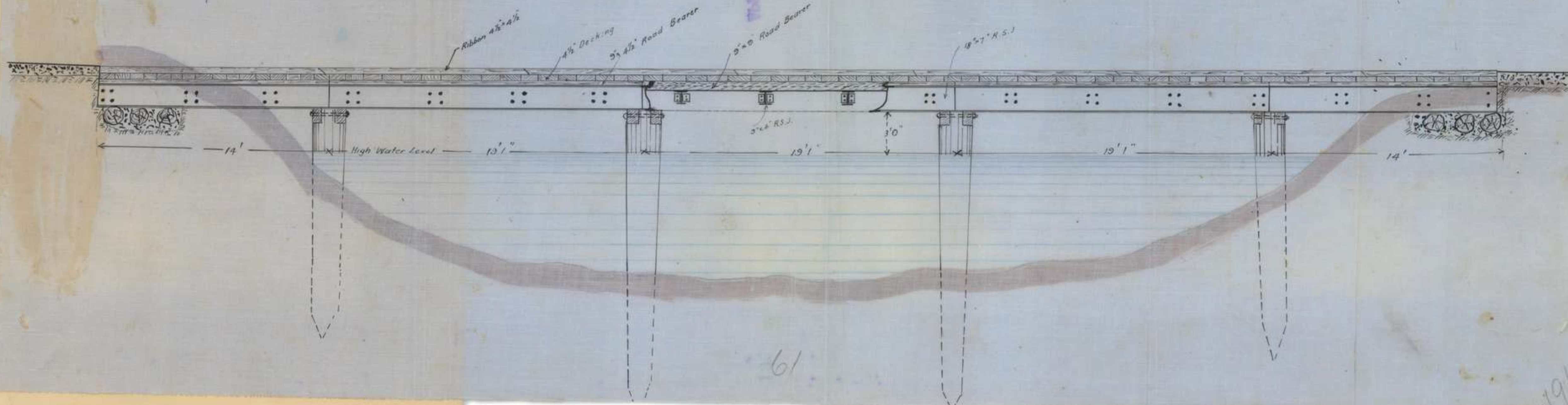
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— KEY PLAN —
 — OF BRIDGE —
 — PT. SHEET-62^o —
 — 1:20 000 —

APPENDIX M.

— BRIDGE AT N 12D32 —
 — Scale 4 Ft. = 1 Inch. —
 Live Load 17 Tons

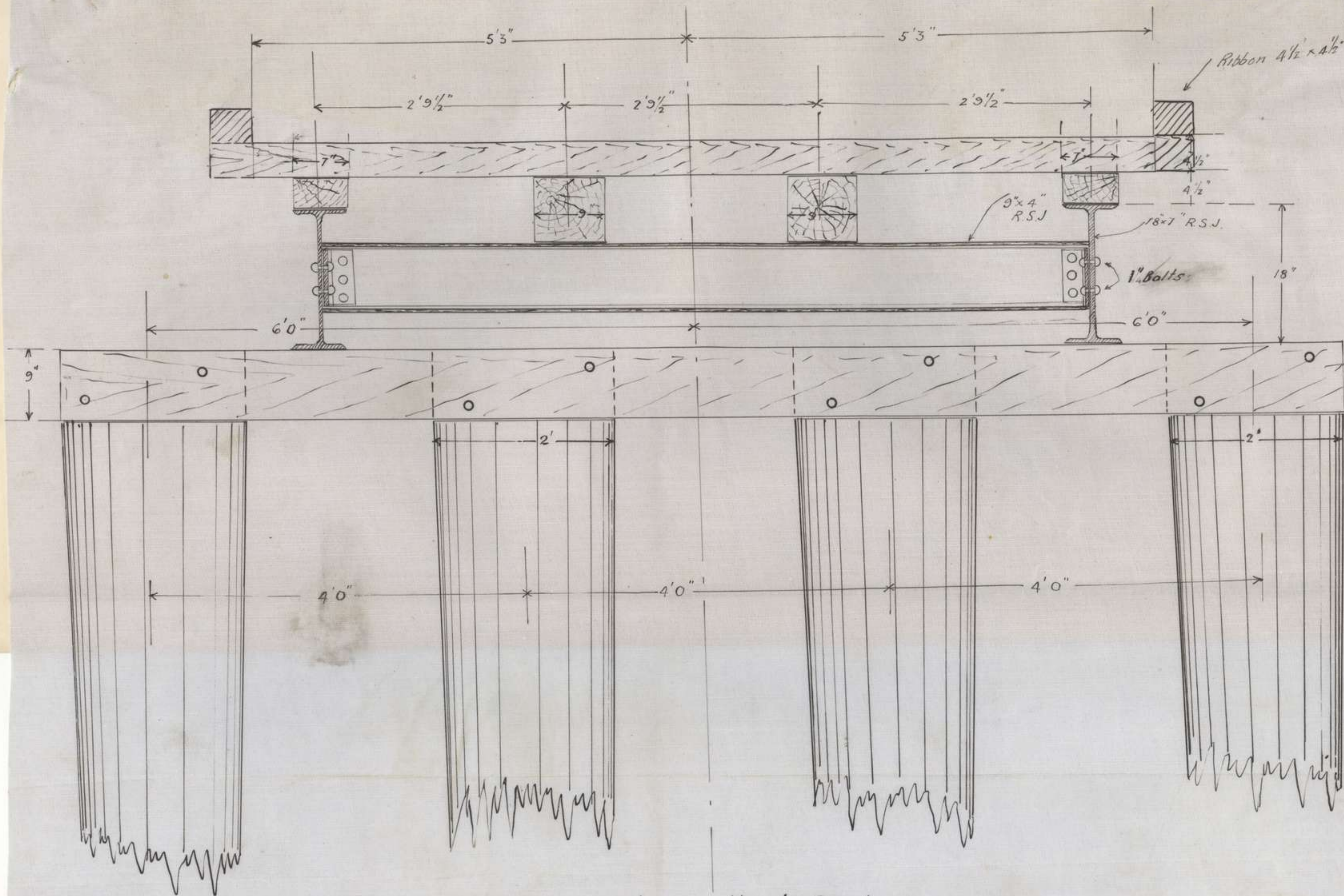


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APPENDIX M.

195



APPENDIX "M" 62

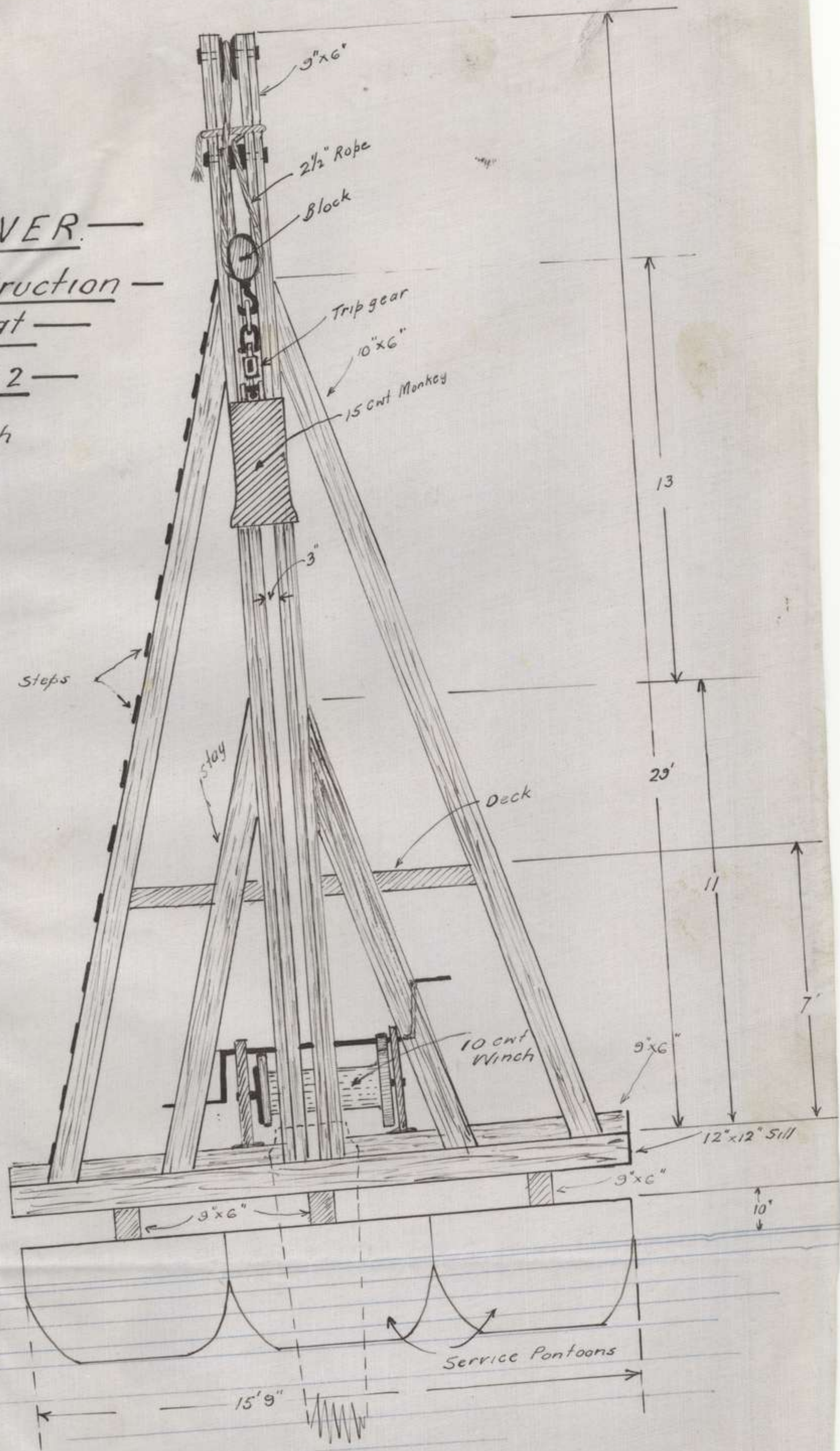
APPENDIX

62

Section thro' Bridge
Scale 1/16 Full Size

APPENDIX N

— PILE DRIVER. —
 — used in construction —
 — of Bridge at —
 — N 12 d 32 —
 Scale 4' = 1 Inch



— End Elevation —

Report on Works for month ——— 66
of July 1918. ———

Reference sheet 62^b 1:40,000 ———

In review of the work executed by this Coy during the past month, we may conveniently split it into two sections e.g. Work done in the Line (July 1-12) and work done out of the line (July 13th - 31st).

In the line, during the period mentioned this company has been responsible for the erections of over 1500 yds of barbed wire entanglement, excavation of 250 yards of trenches and laying over 150 yds of duckwalks. Over 200 notice boards have been erected and numerous detailed works performed. For work in operation of 4th mist. vide appendix C. In addition dugouts have been rapidly proceeded with. For transport work vide appendix J.

Out of the line this company has been responsible for the guarding, maintenance + demolition of Bridges at B29d9.9. B30a9.7 B30a9.5. B24c4.7. and road mine at E766.5. In addition a considerable quantity of material has been salvaged in CORBIE, VAUX-SUR-SOMME - VAIRE-SOUS-CORBIE. The bulk of the material salvaged consisted of timber etc for Bridge at N12d3.2 (Appendix M). This material was floated down RIVER SOMME to Bridge site. A pile drier (APPENDIX N) has been constructed and materials prepared for erection of Bridge (APPENDIX M). ~~Two~~ ^{Three} piles have been driven at Bridge site. A delouser has been constructed at H6c9.1 for 12th Field Ambulance and pipes cut for construction of "Bangalore torpedoes" for demolition purposes. The charge of a road mine at H6c6.8. has been with drawn + returned to POULAINVILLE dump. During period 19th - 24th instructions were given to 45th 46th + 48th Bns. on wing by LIEUTS MCKAY, HAY and POTTS. and small party of Spas. Instruction was also given re working parties + trenches digging

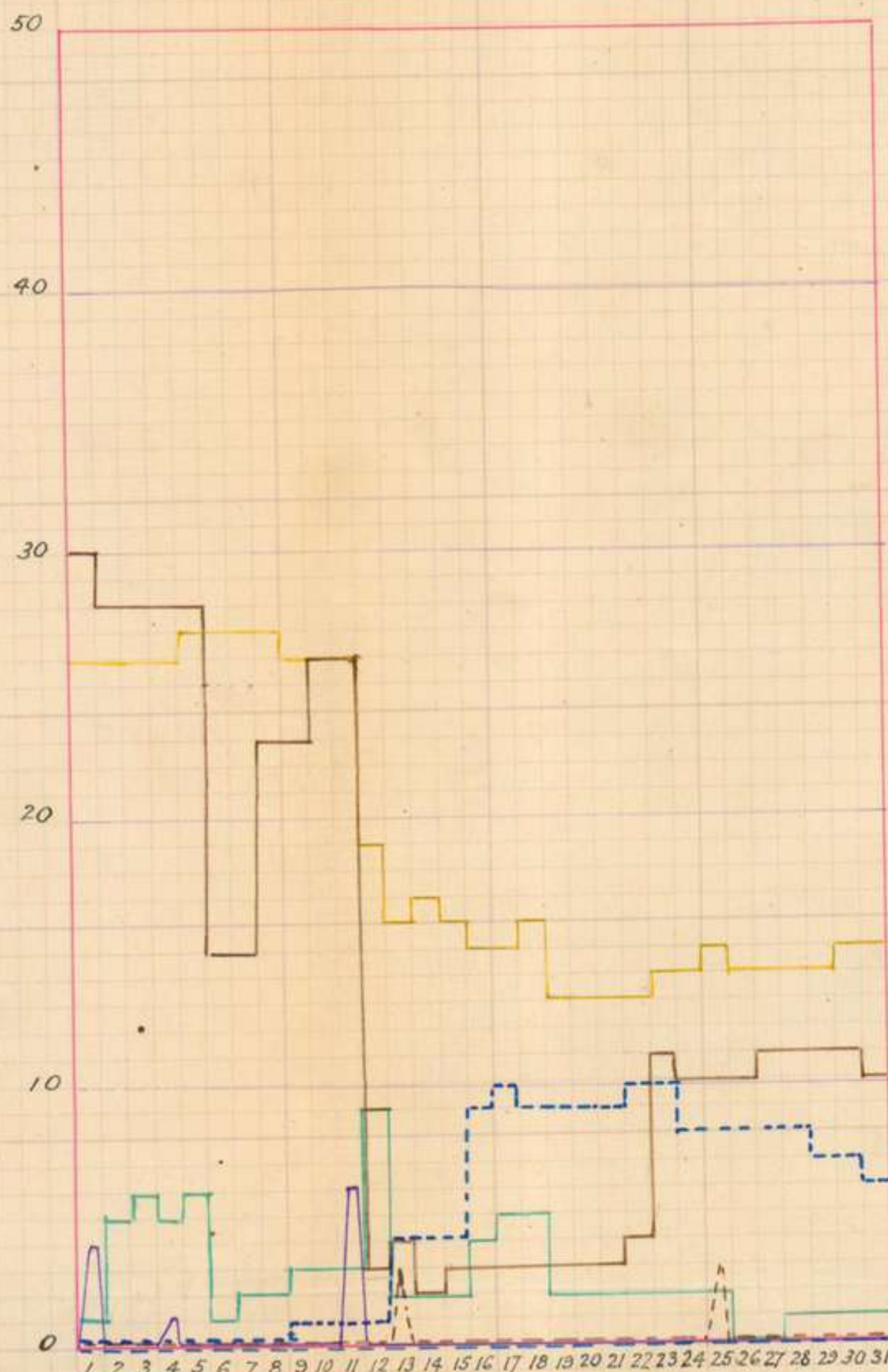
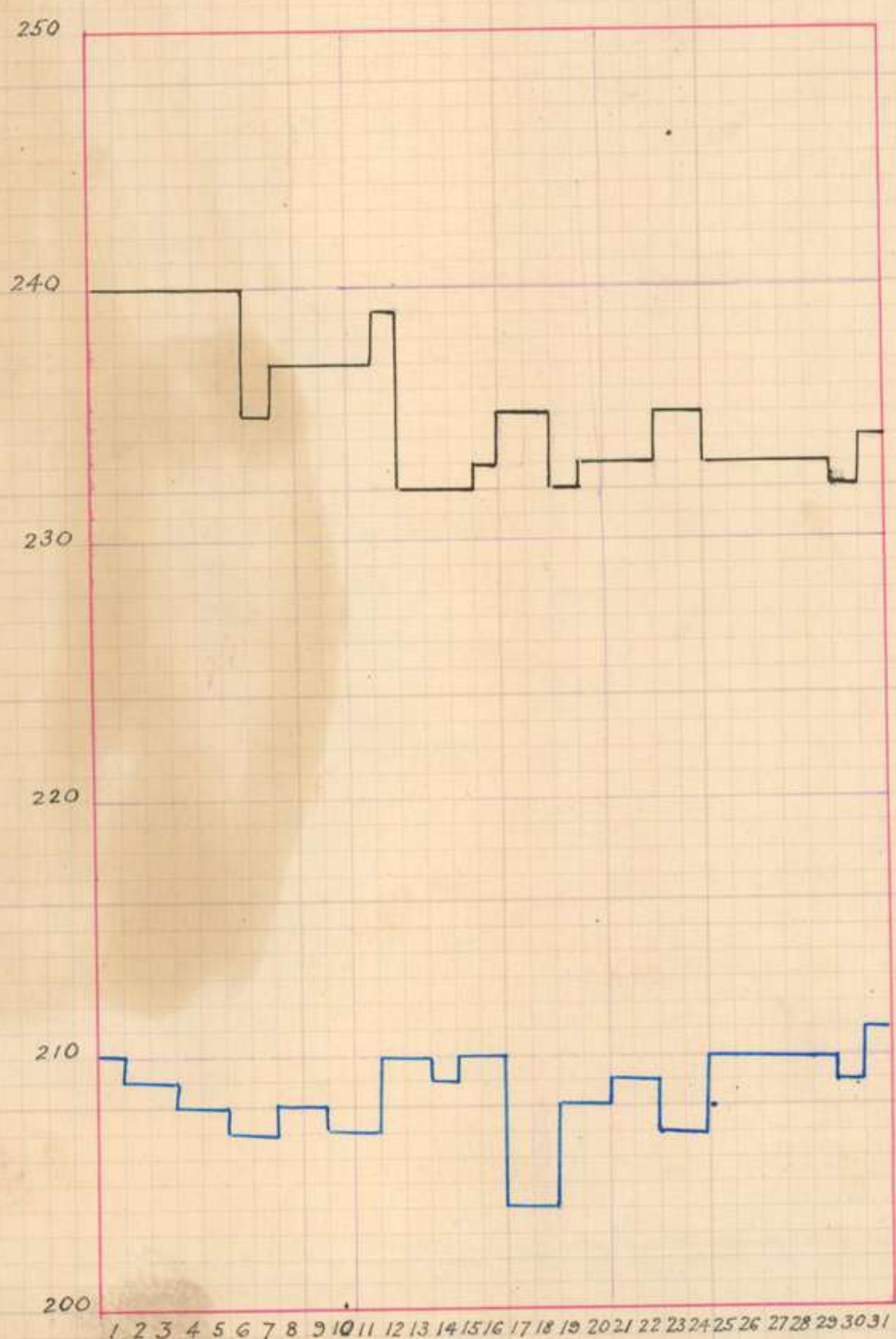
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APPENDIX P.

66

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66
APPENDIX P.



— 13th Field Coy. Aust. Engrs. —
 — Graph showing Coy strengths etc. for —
 — JULY 1918. —

Reference	
Effective Strength shown	—
Total	—
Casualties	—
Sick	—
Attached	—
Detached	—
Leave U.K.	—
French	—
A.W.L.	—

SECRET.

All Battalions.
 12th A.I.T.M.B.
 12th Aust.M.G.Coy.
 24th Aust.M.G.Coy.
 13th Aust.Fld.Coy.
 12th Aust.Fld.Amb.
 28th Coy.A.A.S.C.

12th AUSTRALIAN INFANTRY BRIGADE	
No.	3514/18
Date	18-7-18

INSTRUCTIONS FOR THE DEFENSIVE.

1. Pending the issue of instructions for defensive from Divisional Headquarters, the following action will be taken in case of necessity.

2. While in Corps Reserve the Division will be disposed by Brigade Groups in "close support" in the following areas:-

- 13th A.I.Bde Group - RIVERY-CAMON area with one Battalion about LA MOTTE.
- 4th A.I.Bde Group - QUERRIEU-DAOURS area with one Battalion about LA HOUSOYE.
- 12th A.I.Bde Group - ALLONVILLE-CARDONETTE area, with 48th Battalion about FRECHENCOURT.

So disposed the defensive role of the Division will be either the retention of the LA HOUSOYE plateau or the covering of AMIENS.

Advanced Battalions from respective Brigade Groups will be regarded as the nucleus garrisons of the "systems" as below. In the case of the 12th A.I. Brigade, the 48th Battalion is the advanced Battalion.

<u>Brigade Group situated at -</u>	<u>Designated nucleus garrison of -</u>
RIVERY - CAMON	BLANGY System.
QUERRIEU - DAOURS	FRANVILLERS - LA HOUSOYE systems about LA HOUSOYE.
ALLONVILLE - CARDONETTE.	ST. GRATIEN - LA HOUSOYE Switch defences.

The necessary reconnaissances, dispositions and plans will be effected accordingly - only wardens and guides need actually live in the defensive systems.

3. The Division will also be prepared to meet the three following contingencies:-

- (a) An enemy attack South of the SOMME.
- (b) The Left flank of the Corps sector being threatened.
- (c) Loss of ground to the North of the Corps.

4. In the event of an attack by the enemy South of the SOMME, the task of the Division will be:-

(a) to reinforce the Left of the 1st French Army (31st French Corps) or to counter-attack in the event of an enemy success on this portion of the front.

(b) to reinforce the Right of the Australian Corps or to counter-attack in the event of an enemy success on this portion of the front.

The guiding principle of action on the above lines is to secure the point of junction between the 31st French Corps and the Australian Corps.

Positions of Readiness will be approximately as follows:-

13th A.I. Bde - N 34 b & d.
4th A.I. Bde - O 7 d and O 13 b.
12th A.I. Bde - N 21 c & d.

The necessary reconnaissances of these positions and the routes thereto will be made forthwith. No movement of any Brigade will be made to position of readiness except under orders from Divisional Headquarters.

5. Under para 4 (a).

(a) It may be necessary for the Division to deal with any success which the enemy may gain towards CACHY and GENTELLES - Reconnaissances will therefore be made of the CACHY - GENTELLES plateau and the ground between it and the River AVRE.

(b) The scheme of defence of the CACHY - GENTELLES plateau is briefly as follows:-

The present French front line system South of the Australian Corps front is an outpost line. The troops holding this system will in case of enemy attack fight to the last in their present positions.

The main line of resistance is the CACHY SWITCH running through U 5 c. - U 9 a. - U 8 b. and c. - U 7 d. - U 13 a and c. - U 19 a. - T 24 d. (East of CACHY and GENTELLES).

Should the enemy succeed in continuing his advance through the above line the various trench systems and switches on both East and West sides of the Ridge which runs North and South through T 6, 12 and 18 would be held and fought in turn.

A counter-attack Reserve Regiment (of a strength approximately equal to one of our Brigades) holds the Nicholas Support (T 5 c and d., and T 9 a.) and is disposed in the vicinity of it.

In the event of the CACHY - GENTELLES plateau being lost, this counter-attack reserve regiment is to counter-attack to regain it.

(c) The probable employment of the Division should the CACHY - GENTELLES plateau be lost, will be as follows:-

The 13th A.I. Brigade will move from RIVERY-CANON area (or from positions of readiness in N 34 b and d if already there) and take over NICHOLAS SUPPORT and the GLISY - NICHOLAS Switch at present held by the counter-attack reserve regiment (French). Should the attack by the French counter-attack regiment be unsuccessful, it is unlikely that the 13th A.I. Bde will be employed alone in a further attempt to regain the plateau. In this case the 13th A.I. Bde will act defensively in the NICHOLAS SECTOR pending the arranging of a counter-attack on a large scale.

If it is necessary to employ more than one Brigade, an additional Brigade will be used to co-operate on the Left of the 13th A.I. Bde. by an attack made from North or North West.

If all three Brigades are available for a Divisional counter-attack, the probable plan of attack will be -

13th A.I. Brigade on the Right,
4th A.I. Brigade on the Left,
12th A.I. Brigade in Divisional Reserve.

Under para 4 (b).

In the event of VILLERS-BRETONNEUX falling temporarily into the hands of the enemy, our counter-attack will probably be made in one of the following ways:-

- (a) In a South-easterly direction both sides of VILLERS-BRETONNEUX.
- (b) In an Easterly direction.
- (c) By attacks made from N.W. and S.W. of Villers BRETONNEUX, and converging East of the village.

Positions of assembly for these counter-attacks will be approximately as follows:-

In the case of (a) - O 16 and O 17 - No. 1
O 21 and O 27 - No. 2

In the case of (b) - General line of GACHY-FOUILLOY Road -
No. 3.

In the case of (c) - O 16 and O 17 - No. 1
O 33 and U 3 - No. 4.

Brigades will reconnoitre these positions of assembly and routes to them from positions of readiness -

13th A.I.Bde - Nos. 2, 3 and 4.
4th A.I.Bde - Nos. 1 and 3.
12th A.I.Bde - Nos. 1, 2, 3 and 4.

7. In case the Left flank of 'C' Division is threatened the Division will be prepared to operate offensively on that flank of the Corps front, or alternatively to occupy defensively the whole or portion of the BRESLE SWITCH.

Should it be necessary to occupy the BRESLE SWITCH defensively, this will be done normally by the 4th A.I.Bde. In the event of this, the 12th A.I.Bde must be prepared, if required, to take up the GURRIEU - PONT NOYELLES position.

8. In the event of loss of ground to the North of the Corps, the Division will be prepared to form a defensive flank facing North-east along the spur South of FRECHENCOURT and the St. GRATIEN spur. This duty, if necessary, will be normally carried out by the 12th A.I.Bde.

9. Should Brigades be ordered to carry out any of the above roles one machine gun company will be allotted to each Brigade. The remaining company will remain in close touch with Divisional H.Q. and will be employed in accordance with the needs of the situation.

10. The Light Horse Troop and Cyclist Platoon will carry out reconnaissances of the areas forthwith and will be prepared to operate as covering parties, if necessary, during any of the moves referred to above.

11. Units will take over the duties of units of the 11th A.I.Bde which they relieve.

12. Plans will be prepared by units to comply with these instructions, copies being forwarded to this office as soon as possible.

13. ACKNOWLEDGE.

18/7/18.

[Signature]
Major.
Brigade Major.
12th Aust. Infantry Brigade.