

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

Artillery

Item number: 13/37/26 Part 3

Title: Headquarters, 10th Australian Field
Artillery Brigade

September 1918



AWM4-13/37/26PART3

FOURTH AUSTRALIAN DIVISIONAL ARTILLERYS E C R E T.ADMINISTRATIVE INSTRUCTIONNo. 54.Headquarters,
24th September 1918.REFERENCE SHEET 680 1/20,000.

1. Until further orders ammunition for the Artillery covering the 27th American Divisional Sector will be drawn as follows :-

NORTHERN A.R.P. E 14 b 8 5. 290th Bde R.F.A.)
291st Bde R.F.A.) 58th D.A.C.
112th Bde R.F.A.
108th Bde R.F.A. and B.A.C.

SOUTHERN A.R.P. E 28 a 5 3. 10th Aust. F.A. Bde)
11th Aust. F.A. Bde) 4th Aust. D.
110th Bde R.F.A.
86th Bde R.F.A. and B.A.C.
104th Bde R.F.A. and B.A.C.

Ammunition will only be issued to Brigades from the A.R.P. to which they are allotted.

2. The following dump parties will be detailed to report at once :-

<u>NORTHERN A.R.P.</u>	<u>Off.</u>	<u>N.C.Os.</u>	<u>O.R.</u>
58th D.A.C.	1	2	20
112th Bde R.F.A.		1	10
108th Bde R.F.A.		1	10
<u>SOUTHERN A.R.P.</u>			
4th Aust. D.A.C.	1	2	20
110th Bde R.F.A.		1	10
86th Bde R.F.A.		1	10
104th Bde R.F.A.		1	10

Any of the above units having additional personnel on the dump will have same withdrawn forthwith.

Dump party will be rationed by units to which they belong.

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APPENDIX

Continued (2).

3.187 The following is a list of returns required by this Office :-

- Subs. what we require*
- (i) Wire by 12 noon daily showing amount of ammunition expended during previous 24 hours.
 - (ii) Wire by 12 noon daily showing -
 - (a) Number of 18-pdr. and 4.5" Hows. in action.
 - (b) Number of 18-pdr. and 4.5" Hows. destroyed by enemy action during previous 24 hours.
 - (c) No. of 18-pdr. and 4.5" Hows. at I.O.M.
 - (d) No. of 18-pdr. and 4.5" Hows. temporarily out of action, stating whether at position or W.L.
 - (iii) Ammunition statement as at 12 noon by first afternoon despatch showing by Batteries all receipts, expenditure and remaining on hand at guns. Amounts with echelons and B.A.C. to be shown separately.
 - (iv) Wire by 12 noon daily reporting all casualties during previous 24 hours. Names and dates to be stated in the case of Officers. Units of other D.A.'s to repeat to their own H.Q.

All above returns will be rendered by BRIGADES and D.A.Cs direct to this Office.

Os.C., A.R.Ps will render following return by 12 noon daily :-
 Ammunition statement of all receipts, issues (by Brigades) and amount remaining on hand.

ACKNOWLEDGE.

Maiz
 Captain,
 Staff Captain,

4th Australian Divisional Artillery.

DISTRIBUTION -

- | | | | |
|--------|--------------------------------|-----|--------------------------|
| 1 | 10th Aust. F.A. Bde | 22. | C.R.A., |
| 2 | 11th Aust. F.A. Bde | 23. | B.M., |
| 3 - 4 | 88th Bde R.F.A. & B.A.C., | 24. | S.C., |
| 5 - 6 | 104th Bde R.F.A. & B.A.C., | 25. | R.O., |
| 7 | 110th Bde R.F.A., | 26) | War |
| 8 | 112th Bde R.F.A., | 28) | Diary. |
| 9 - 10 | 108th Bde R.F.A. & B.A.C., | 29. | File. |
| 12 | 200th Bde R.F.A., | 30. | Spare. |
| 12 | 291st Bde R.F.A., | | |
| 13 | 4th Aust. D.A.C., | | |
| 14 | 58th D.A.C., | | |
| 15 | R.A., Aust. Corps, | | |
| 16 | 'Q', Aust. Corps., | 20. | 4th Aust. D.T.M.O. |
| 17 | Arm. Off. Aust. Corps M.T.Clm. | 21. | 27th Div. 'G' (American) |
| 18 | Northern A.R.P., | | |
| 19 | Southern A.R.P., | | |

FOURTH AUSTRALIAN DIVISIONAL ARTILLERY COPY NO.

SECRET ORDER NO. 200

HEADQUARTERS,
24th September 1918.

REFERENCE MAPS, 57C, 57E, 62C, 62E, 1/20,000.

1. INFORMATION :-

The Australian Corps, with which is affiliated the II American Corps, is taking over portion of the III Corps front. The 1st Aust. Division (less Artillery) has been relieved in the line by the 30th American Division (less Artillery) and the 27th American Division (less Artillery) is to relieve the III Corps troops in the new Sector taken over. The Artillery covering the 27th and 30th American Divisional Sectors will be under the command of the C.R.A. 4th Aust. Division and the C.R.A. 1st Aust. Div. respectively.

2. BOUNDARIES :-

The front line and the inter-Corps and inter-Divisional boundaries are as shown on the attached tracing marked "A".

3. COMMAND :-

The command of the Artillery covering the 27th American Divisional Sector will pass to the C.R.A. 4th Aust. Division at 10 a.m. on 25/9/1918.

4. GROUPING :-

From 10 a.m. 25/9/1918, the Artillery covering the 27th American Divisional Sector will be grouped as follows :-

RIGHT GROUP

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RIGHT GROUP :-

108th ARMY Bde. R.F.A.)	Lieut.-Col. H. WARD, D.S.O.
104th ARMY Bde. R.F.A.)	
86th ARMY Bde. R.F.A.)	

CENTRE GROUP :-

110th Bde. R.F.A.)	Lieut.-Col. W.A.F. JONES, D.S.O..
290th Bde. R.F.A.)	
291st Bde. R.F.A.)	

LEFT GROUP :-

112th Bde. R.F.A.)	Lieut.-Col. T.I.C. WILLIAMS, D.S.O..
10th Aust. F.A. Bde.)	
11th Aust. F.A. Bde.)	

The 3rd ARMY Brigade Aust. F.A. will, on arrival in the Divisional Area, act as an Auxiliary Brigade.

5. D.A.H.Q. :-

4th Aust. D.A.H.Q. will close at Q 6 a 1 6 at 9 a.m. on 25/9/1918 and re-open at J 11 c 4 2 at 10 a.m. on the same date.

6. ACKNOWLEDGE.

W. Parkinson, Major,
a/Brigade-Major,
4th Aust. Divisional Artillery.

DISTRIBUTION.

1 - 5	*10th Aust. F.A. Bde.	64	1st Aust. D.A..
6 - 10	*11th " " "	65	R.A. Aust. Corps.
11	4th Aust. D.T.M.O.	66	R.A. III Corps.
12 - 15	4th Aust. D.A.C..	67	H.A. III Corps.
16 - 21	*86th ARMY Bde. R.F.A.	68	C.B.S.O. III Corps.
22 - 27	*104th " " "	69	27th American Div.
28 - 33	*108th " " "	70	4th Aust. Div. "G"
34 - 38	*290th Bde. R.F.A..		
39 - 43	*291st " " "	71	C.R.A..
44 - 48	*110th " " "	72	B.M..
49 - 53	*112th " " "	73	S.O..
54 - 58	*3rd ARMY Bde. A.F.A.	74	R.O..
for inf :-		75	Sig. Off.
59	*58th D.A..		
60	*25th D.A..	76	File.
61	18th D.A..	77 79	Diary.
62	74th D.A..		
63	*3rd Aust. D.A..	80 81	Spare.

Issued to
Signals at
5.30 p.m..

* Tracing supplied.

SECRET18th DIVISIONAL ARTILLERY ORDER No: 43

1. The 10th and 11th Australian Brigades R.F.A. are going into action tonight under the orders of the 18th Division.
2. H.Q. 10th Brigade R.F.A. will be with the H.Q. 290th Brigade R.F.A. at E.18.d.9.2.
H.Q. 11th Brigade R.F.A. will be with H.Q. 82nd Brigade R.F.A. at F.26.b.4.8. B.2.0
3. The 10th Australian Brigade R.F.A. will cover the zone of the 83rd Brigade R.F.A. and 11th Australian Brigade R.F.A. the zone of the 82nd Brigade R.F.A.
These Australian Brigades will be in action and ready to cover the front as soon after dawn as possible.
4. As soon as the 10th and 11th Australian Brigades R.F.A. are in action the 82nd and 83rd Brigades R.F.A. will withdraw to their wagon lines and at 10 a.m. they will come under the orders of the 12th Division.
5. The 18th Division T.M. Batteries will be withdrawn from action to their rest billets during the night 24/25th, where they will remain under the orders of the 18th Division.
6. The command of the artillery covering the front will pass from C.R.A. 18th Division to C.R.A. 4th Australian Division at 10 a.m. 25th instant.
7. 18th D.A. will close at LIERAMONT at 10 a.m. 25th and open at COMBLES at the same hour.
8. 82nd 83rd 290th 10th 11th Brigades R.F.A. to acknowledge.

24.9.18.
7.15 p.m.

W. H. King
Major R.A.
Brigade Major R.A. 18th Division B.2.0

Copies to :-

82nd Brigade	47th Heavy Bde R.G.A.
83rd Brigade	113th Heavy Batt. R.G.A.
110th Brigade	12th D.A.
290th Brigade	25th D. A.
29 1st Brigade	58th D. A.
10th Aust Bde	74th D. A.
11th Aust Bde	4th Aust. D.A.
18th D. A. C.	18th Division
18th D. T. M. O.	III Corps R.A.
	III Corps H.A.

LEFT GROUP - AUSTRALIAN FIELD ARTILLERY.

Headquarters,

ORDER No. 1.

25th. September 1918.

Reference 4th. A. D. A. Order No. 201 enclosed.

PARA 2. LIAISON ARRANGEMENTS. On receipt of this Order 112th. Brigade R. F. A. will detail an Officer not below the rank of Captain to report to 106th. Regimental Headquarters at F 21 b 2 1 as Artillery Liaison Officer. He will ensure that the Battalion Liaison Officer receives the location of LEFT BATTALION Headquarters.

10th. A. F. A. Brigade will detail a subaltern Officer to act as LEFT BATTALION LIAISON OFFICER. He will report to the REGIMENTAL Liaison Officer at the above mentioned Headquarters by 10 P. M. tonight 25th. September 1918.

PARA 3. S. O. S. LINES. Brigade Commanders will be responsible for S. O. S. Lines as hereunder -

11th. A. F. A. BRIGADE - A 13 d 00 70 to A 13 b 00 00
to F 18 a 3 6.
10th. A. F. A. BRIGADE - F 18 a 3 6 to F 12 c 25 80
112th. BRIGADE R. F. A. - F 12 c 25 80 to F 12 a 40 75
to F 6 c 2 2.

Batteries will lay on new S. O. S. Lines at 9 P. M. tonight, 25th. September instead of 6 - 30 P. M. as laid down.

PARA 4. HARASSING FIRE. Areas and targets for Harassing Fire will be detailed by Brigade Commanders within their own zones for tonight.

ACKNOWLEDGE BY WIRE.

[Signature]
For C. O. LEFT GROUP - AUST. FIELD ARTY. BRIGADE.



TENTH AUSTRALIAN FIELD ARTILLERY BRIGADE.

Headquarters,

ORDER No. 1.

25th. September 1918.

Reference 4th. A. D. A. Order No. 201. attached.

PARA 2.
LIAISON ARRANGEMENTS.

112th. R. F. A. Brigade will detail Regimental Liaison Officer.

110th. Howitzer Battery will detail a Subaltern Officer to act as LEFT BATTALION Liaison Officer. He will report to the Regimental Liaison Officer (see D. A. Order 201) for Battalion Location by 10 P. M. tonight, 25th. September.

Tour of Duty will be for 24 hours.

Time of reliefs and Duty Roster will be forwarded later.

PARA 3.
S. O. S. LINES.

Batteries will lay on the following S. O. S. Lines at 9 P. M. tonight, 25th. September.

37th. BATTERY - F12 c 25 80 to F 12 c 25 20

38th. BATTERY - F12 c 25 20 to F 18 a 3 6

39th. BATTERY - Superimposed over Brigade Zone.

110th. BATTERY - Superimposed 200 yards EAST of 18-Pdr. S. O. S. Lines on Brigade Zone.

PARA 4.

HARASSING FIRE. Harassing Fire Targets for tonight will be wired later.

ACKNOWLEDGE BY WIRE.

C. J. Spence
For C. O. 10th. Aust. Field Artillery Brigade.



FOURTH AUSTRALIAN DIVISIONAL ARTILLERY COPY NO. 7

SECRET

ORDER NO. 202

HEADQUARTERS,
25th Sept. 1918.

REFERENCE MAPS, 57C N.W. and S.W.) 1/20,000. Tracing "A" 1/20,000.
62B N.E. and S.E.)

1. INFORMATION :-

At times and dates to be notified later the AUSTRALIAN CORPS with the 2nd AMERICAN CORPS affiliated is to attack the HINDENBURG LINE in the Sector NAUROY - GOUY. The attack will take the form of two definite operations --

- (a) the preliminary attack to capture positions far enough forward to enable the advance to the GREEN LINE to be carried out under a creeping barrage, and
- (b) the main attack to capture the GREEN LINE.

2. INTENTION :-

The Field Artillery under the command of the C.R.A. 4th AUST. Division will co-operate by means of

- (a) Special gas (B.B.) bombardment,
- (b) Creeping barrage and protective barrage during the preliminary attack,
- (c) Counter-Battery work.
- (d) Harassing fire.
- (e) Wirecutting
- (f) Bombardment of selected strong points and localities.
- (g) Creeping barrage and protective barrage during the main attack.
- (h) Exploitation to the left flank after the main attack.

3. DETAIL OF ARTILLERY BRIGADES :-

The following Field Artillery Brigades will be at the disposal of the C.R.A. 4th Aust. Division for the operation :-

(a) FOR PRELIMINARY ATTACK --

- | | | |
|---------------------------|---|------------------|
| 10th Aust. F.A. Brigade |) | |
| 11th Aust. F.A. Brigade |) | |
| 110th Bde. R.F.A. |) | |
| 112th Bde. R.F.A.. |) | "LEFT DIVISION |
| 290th Bde. R.F.A.. |) | CREEPING BARRAGE |
| 291st Bde. R.F.A.. |) | BRIGADES" |
| 86th ARMY Brigade R.F.A. |) | |
| 104th ARMY Brigade R.F.A. |) | |
| 108th ARMY Brigade R.F.A. |) | |

(b) FOR MAIN ATTACK --

- | | | |
|---------------------------|---|-------------------|
| As in (a) with the |) | "LEFT FLANK |
| addition of 3rd ARMY Bde. |) | BARRAGE BRIGADE". |
| Aust. F.A.. |) | |

(c) FOR EXPLOITATION NORTHWARDS TO RED LINE --

- | | | |
|-------------------------|---|--------------|
| 10th Aust. F.A. Brigade |) | "NORTHERN |
| 11th Aust. F.A. Brigade |) | EXPLOITATION |
| 108th ARMY Bde. R.F.A. |) | BRIGADES". |

4.87 PRELIMINARY ATTACK :-

The Preliminary attack will take place under a creeping barrage on a front of about 3000 yards extending from the ~~Southern~~ ^{Northern} boundary of the Corps towards the South. This operation will be carried out 48 hours before the main attack and will synchronise with the hour set out for the commencement of the bombardment mentioned later. On the successful conclusion of the operation, Brigades will be pushed forward into areas (to be indicated to Group Commanders later) from which the barrage for the main attack can be carried out.

5. MAIN ATTACK :-

The operation will differ somewhat from those previously carried out on this front, the chief difference being due to the fact that there are many more strong points and trenches prepared for defence and considerably more ^{wire} than has been met with latterly.

Definite instructions as to trench bombardment and wirecutting prior to the day of the main attack will be issued to Group Commanders from this Office.

The main attack is divided into two phases :-

(a) 1st PHASE --

The 27th AMERICAN Division with the 30th AMERICAN Division on their Right ~~attack~~ under a creeping barrage accompanied by tanks, and have as their objective the GREEN LINE.

(b) 2nd PHASE --

After the capture of the GREEN LINE the 3rd Aust. Division and 5th Aust. Division pass through the 27th and 30th AMERICAN Divisions respectively in order to exploit towards and capture the RED LINE.

At the same time troops specially allotted from the 27th and 30th American Divisions exploit Northwards and Southwards respectively, East of the TUNNEL, with a view to broadening the salient.

(c) The Field Artillery allotted to the 27th AMERICAN Divisional front will be employed as follows :-

The 9 Brigades detailed in para. 3 sub-para (a) will from their advanced positions carry out a creeping barrage up to the protector on the Final Objective (GREEN LINE).

The 3rd ARMY Brigade Aust. F.A. will be emplaced in such a way as to put down an effective enfilade barrage on the left flank of the area attacked.

Assistance in this barrage will be rendered by a 4.5" How. Battery of the LEFT GROUP.

On completion of the flank barrage the 3rd ARMY Brigade Aust. F.A. will draw out and stand by ready to accompany the supporting Infantry Brigade of the 3rd Aust. Division.

The 10th and 11th Aust. F.A. Brigades and the 108th ARMY Brigade R.F.A. will on completion of the barrage be attached to the Regiment of the 27th AMERICAN Division forming the protective flank, and will under the orders of the C.R.A. 4th Aust. Division move forward to assist in

exploitation ...

exploitation to the Northern flank.

The remainder of the barrage Artillery Brigades will remain in their positions under Corps Orders and await further instructions.

6. BOMBARDMENTS :-

Bombardments ^{except as specified in para. 7} prior to the main attack will commence 48 hours before ZERO hour.

The programme will include --

- (a) Special Gas (B.B.) bombardment.
- (b) Vigorous Counter-Battery work.
- (c) Intense harassing fire.
- (d) Cutting lanes in hostile wire defences.
- (e) Bombardment of selected strong points and localities.

7. SPECIAL GAS (B.B.) BOMBARDMENT :-

The bombardment will be carried out by 18-prs. firing "B.B." gas shell, combined with H.E., during intermittent periods between ZERO minus 56 hours and ZERO minus 48 hours. Objectives will be shown on tracing to be issued later. Subsequent to ZERO minus 48 hours no "B.B." gas shell will be fired.

8. VIGOROUS COUNTER-BATTERY WORK :-

Counter-Battery work will be chiefly the duty of the Heavy Artillery but the 4.5" Hows. will co-operate where possible by firing "C.G." and "N.C." gas shell. It will commence at ZERO minus 48 hours.

9. INTENSE HARASSING FIRE :-

This will commence at ZERO minus 48 hours immediately after the cessation of the Special Gas "B.B." bombardment. A Scheme for harassing fire will be issued to Group Commanders from D.A.H.Q..

In this connection the Divisional front is to be exploited for O.Ps. so that the area in which unobserved harassing fire will have to be maintained by day may be reduced to a minimum. Areas over which no observation is possible must receive special attention.

The Field Artillery Zone for harassing fire will extend Eastward to a distance of 2500 yards from our front line. In shelling roads, H.E. with delay action fuzes is NOT to be employed.

Use is to be made of gas shell (C.G. and N.C.).

10. CUTTING LANES IN HOSTILE WIRE DEFENCES :-

Wire-cutting will commence at ZERO minus 48 hours and will be carried out with 4.5" Hows..

Group Commanders will arrange with Infantry Commanders to keep lanes open with rifle and M.G. fire once they have been out.

11. BOMBARDMENT OF SELECTED STRONG POINTS AND LOCALITIES :-

The bombardment will commence at ZERO minus 48 hours and will be continued until ZERO hour with a view not only to the destruction of defences but also to the demoralisation of the defenders.

4.5" Hows. will make use of C.G. and N.C..

On the day of battle entrances and exits to the TUNNEL will receive attention.

/ O.Ps

ORDER NO. 202.

O.Ps. should be engaged towards the latter end of the bombardment.

Blocks in communication trenches will be created where possible.

12. ACKNOWLEDGE.
=====

W. Parkinson, Major,
A/Brigade-Major,
4th Australian Divisional Artillery.

DISTRIBUTION.

As for ORDER No. 201.

Tracings to Brigades only.

Issued to Signals
at 9.30 p.m..

FOURTH AUSTRALIAN DIVISIONAL ARTILLERY.SECRET.INSTRUCTION NO. 1HEADQUARTERS,
25th Sept. 1918.issued under 4th Aust. D.A. ORDER No. 202.REFERENCE MAPS, 62B N.W. and S.W.,
57C N.E. and S.E..1. MOVE :-

The 3rd ARMY Brigade Aust. F.A. will on the night 26th/27th September move into the 27th AMERICAN Divisional Area, and will take up positions in the LEFT Group area.

2. EMPLACEMENT :-

The 18-pr. Batteries of the Brigade will be emplaced in such a way as to enable an effective protective barrage to be established on the following line :-

A 2 c 1070 - A 1 b 0015 - F 5 b 0040.

The 4.5" How. Battery will be emplaced to cover the following road and trench junctions :-

A 2 b 1565
A 2 a 4260
A 1 b 5670
A 1 b 0577
X 30 c 4726
X 29 d 1420

3. FUNCTION :-

The Batteries of the Brigade will remain silent until called on for S.O.S. or other protective barrages on the above lines and points, but steps will be taken to reconnoitre, select and mark for subsequent occupation positions from which a standing flank barrage can be established on the following line. :-

A 1 b 1050 - S 23 d 1095.

This latter standing flank barrage will not be required or put into operation before ZERO hour, from which time until the termination of the final protective barrage on the GREEN LINE a 4.5" How. Battery of the LEFT GROUP will co-operate in establishing a smoke screen on the high ground North of the above flank barrage line.

4. ACKNOWLEDGE.

W. Doukinson Major,
a/Brigade-Major,
4th Aust. Divisional Artillery.

Reference above.

40th How. battery will effect the above mentioned smoke barrage.

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SECRET.

INSTRUCTION NO. 2

HEADQUARTERS,
25th Sept. 1918.issued under 4th Aust. D.A. ORDER
NO. 202.REFERENCE MAPS, 1/20,000 (57C S.E., 57B S.W., Tracing "B" 1/20,000
(62C N.E., 62B N.W..)1. GAS BOMBARDMENT :-

On the night of the 26th/27th September at a ZERO hour to be notified later, the RIGHT, CENTRE and LEFT Groups, will in conjunction with the Heavy Artillery, carry out a special gas (B.B.) bombardment prior to the main attack on the HINDENBURG LINE.

The ZERO hour for this bombardment will be known as "A" ZERO hour.

2. PERIODS :-

The periods of bombardment and rest for the Field Artillery will be as follows :-

Bombard	-	ZERO to ZERO plus 15 minutes.
Rest	-	ZERO plus 15 minutes to ZERO plus 2 hours 15 minutes.
Bombard	-	ZERO plus 2 hours 15 minutes to ZERO plus 2 hours 30 minutes.
Rest	-	ZERO plus 2 hours 30 minutes to ZERO plus 4 hours 30 minutes.
Bombard	-	ZERO plus 4 hours 30 minutes to ZERO plus 4 hours 45 minutes.
Rest	-	ZERO plus 4 hours 45 minutes to ZERO plus 6 hours 45 minutes.
Bombard	-	ZERO plus 6 hours 45 minutes to ZERO plus 7 hours.

3. RATES OF FIRE :-

18-prs. - 3 rounds per gun per minute.

4. OBJECTIVES FOR BOMBARDMENT :-

The areas for bombardment and the rounds to be expended are shown on the attached tracing marked "B" and in the following table respectively :-

Area as per Tracing --

	<u>Area</u>	<u>18-pr. B.B.</u>	<u>H.E.</u> <u>18-pr. or</u> <u>4.5. How.</u>
<u>LEFT GROUP</u> ...	A	1250	400
	L	1000	300
	K	500	200
<u>CENTRE GROUP</u> ...	F ¹	1000	300
	K ¹	1000	300
	A ¹	500	200
<u>RIGHT GROUP</u> ...	H	500	200
	I	750	250
	J	1000	300

5. B.B. gas shell only will be employed and H.E. will be mixed in all cases in the proportion of approximately three gas shell to one H.E..

/ 6

6. Gas shell other than "B.E." are not being mixed owing to the fact that "B.E." affords the enemy very little indication of its presence.
The mixture of other gas shell would at once apprise the enemy of the presence of gas in the area and would cause him to adjust his mask more readily and thus lessen the effect of "B.B."
7. H.E. is being mixed with "B.B." in order to disguise as much as possible the smaller burst of the gas shell and in order to lead the enemy to believe he is under a H.E. bombardment only.
8. 9 areas have been selected for the Divisional front and sufficient shell allowed to impregnate each one.
9. Our troops are safe from a cloud passed from this shell at about one mile if the wind is blowing directly towards them. The best effect is gained in a wind from 10 miles per hour and under, but it can be used with effect in a wind up to 15 miles per hour.
10. The bombardment will take effect whatever the weather conditions at the time set down for it to commence.
11. Watches will be synchronised at "A" ZERO minus 4 hours and "A" ZERO minus 1 hour, an Officer being sent to D.A.H.Q. for the first synchronisation, by each Group.
12. ACKNOWLEDGE.
=====

W. Parkinson, Major,
a/Brigade-Major,
4th Aust. Divisional Artillery.

DISTRIBUTION.

As for ORDER No. 202.

Issued to Signals at

11.30 p.m.



FOURTH AUSTRALIAN DIVISIONAL ARTILLERY

SECRET.

ADMINISTRATIVE INSTRUCTION No. 55.

HEADQUARTERS
25th September 1918.

1. From receipt of these instructions the only A.R.P. for use of the Artillery covering the 27th American Div. Sector will be the Southern A.R.P., E 28 a 5 3.

2. Dump parties detailed for the Northern A.R.P., vide A.I. 54 of 24/9/'18 will be transferred to the Southern A.R.P. forthwith.

3. ACKNOWLEDGE.

Captain,
Staff Captain,
4th Australian Divisional Artillery.

DISTRIBUTION -

All recipients of A.I. 54.

FOURTH AUSTRALIAN DIVISIONAL ARTILLERY

SECRET.

ADMINISTRATIVE INSTRUCTION No. 56.

Headquarters
25th September 1918.

1. The following ammunition will be held by Field Artillery covering the 27th American Div. Sector at ZERO hour on the day of operation.

- At Guns (per 18-pdr.) - 550 rounds.
- At Guns (per 4.5" How.) - 450 rounds.
- At A.R.P. (per 18-pdr.) - 50 rounds.
- At A.R.P. (per 4.5" How.) - 50 rounds.

Echelons 18-pdr. and 4.5" How. Filled.

2. Ammunition will be held in the following proportions :-

18-pdr. at Guns. - 20% AS if available (if unavailable, to be replaced by 'A'.)
 40% A.
 40% AX.

In Echelons & A.R.P. } 60% A.
 } 40% AX.

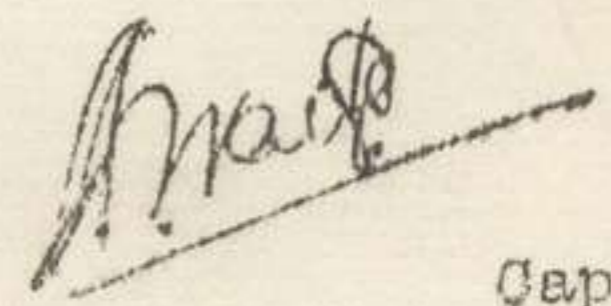
4.5" How. at Guns. 20% BS. if available.
 80% BX.

In Echelons & A.R.P. } BX.

3. A certain amount of "BB" (18-pdr. gas) is being made available but will only be issued to certain batteries. Further instructions re this will be issued later.

4. A forward A.R.P. is being selected for use after ZERO hour. Units will be notified the location of same as soon as possible.

5. ACKNOWLEDGE.



Captain,
Staff Captain,
4th Australian Divisional Artillery.

DISTRIBUTION -

As for A.I. 54.

196

APPENDIX

187

40
 25
 24
 20
 23

Left Group Order
with a word

no. 1
no. 1

to 13 des.
to Battering 197

FOURTH AUSTRALIAN DIVISIONAL ARTILLERY.

COPY NO...

SECRET.

ORDER NO. 201.

HEADQUARTERS,
25th Sept. 1918.

APPENDIX

REFERENCE MAPS, 1/20,000, 57B S.W., 57C S.E., 62B N.W. & 62 C N.E..

1. GROUP ZONES :-

Consequent on the re-grouping laid down in 4th Aust. Div. Artillery ORDER NO. 200, Group Zones are allotted as follows :-

RIGHT GROUP :- Southern boundary --
East and West grid line between F 29 and L 5
as far east as F 30 c 3 0, thence N.E. through
A 24 a 0 4.

Northern boundary --
East and West grid line through F 23 c 0 5
as far East as F 23 d 8550, thence N.E.
through A 12 c 0005.

CENTRE GROUP :- Southern boundary --
As far Northern boundary of RIGHT GROUP.

Northern boundary --
East and West grid line through F 17 a 0 1
as far East as F 17 b 3510, thence N.E.
through A 6 c 0 6.

LEFT GROUP :- Southern boundary --
As for Northern boundary of CENTRE GROUP.

Northern boundary --
East and West grid line between F 5 and F 11
as far East as F 6 c 0500, thence N.E. through
A 3 a 0 3.

2. LIAISON ARRANGEMENTS :-

The 53rd Brigade (Headquarters -- E 18 a 9 6) of the 27th AMERICAN Division is at present holding the Divisional front with the 106th Regiment (H.Q. -- F 21 b 2 1) in the first line and 105th Regiment (H.Q. -- F 14 b 9 5) in support. Groups will on receipt of this Order detail an Officer not below the rank of Captain, to effect liaison with the Headquarters of the 106th Regiment and through him will arrange for the following liaison with the 3 Battalions in the line:-

<u>RIGHT GROUP</u>	--	1	Subaltern	with	RIGHT	Battalion.
<u>CENTRE GROUP</u>	--	1	"	"	CENTRE	"
<u>LEFT GROUP</u>	--	1	"	"	LEFT	"

3. S.O.S. LINE :-

The S.O.S. line for the Divisional Front is as under :-

A 25 b 4015 - F 24 c 7 0 - A 13 d 0 0 - A 13 b 0 0 - F 18 a 3 6 -
F 12 c 2580 - F 12 a 4075 - F 6 c 2 2.

Groups will divide this S.O.S. line in accordance with the new Group frontages, overlapping by 50 yards in each case, and will effect the new distribution of fire at 6.30 p.m., 25/9/1918. Group Commanders will be responsible for altering the S.O.S. line in accordance with the requirements of the Infantry Commander and for the prompt notification of such alteration to 4th Aust. D.A.H.Q..

/4

187

ORDER NO. 201 (Continued)

187

4. HARASSING FIRE :-

Until further orders the following will be the daily expenditure of ammunition on harassing tasks, approximately one third by day and two thirds by night :-

18-pr. -- 200 rds. per Bty. 4.5" How. -- 150 rds. per Bty.

This allotment will include the amount expended in Counter-Preparation should such be ordered.

5. AMMUNITION :-

Echelons will be kept filled and in addition the following dumps of ammunition will be maintained at gun pits :-

18-pr. -- 400 rounds per gun.
4.5" How. -- 300 rounds per How..

and 300 rounds (B.C.G. or B.N.C.) per 4.5" How. Battery.

Issued to Signals at
4 p.m..

W. Parkinson, Major,
a/Brigade-Major,
4th Aust. Divisional Artillery.

DISTRIBUTION.

1	to	108th ARMY Bde. R.F.A..) RIGHT GROUP
2	"	104th " " "	
3	"	96th " " "	
4	"	110th Bde. R.F.A.) CENTRE GROUP
5	"	290th " " "	
6	"	291st " " "	
7	"	112th Bde. R.F.A.) LEFT GROUP
8	"	10th Aust. F.A. Bde.	
9	"	11th " " "	
10	"	D.T.M.O. 4th Aust. Div..	
11	"	4th Aust. D.A.C..	

For inf :-

12	to	R.A. Aust. Corps.	25	C.B.S.O. Aust. Corps.
13	"	H.A. Aust. Corps.	26	51st Bde. R.G.A..
14	"	Div. U.S.A. "G"	27	3rd ARMY Bde. A.F.A..
15	"	25th D.A..	28	C.R.A..
16	"	58th D.A..	29	B.M..
			30	S.C..
			31	R.O..
18	"	12th D.A..	32	Sig. Off.
19	"	1st Aust. D.A..		
20	"	3rd Aust. D.A..	33	File
21	"	4th Aust. Div. "G"	34)	
22	"	53rd Inf. Bde. U.S.A..	35)	Diary.
23	"	105th Inf. Regt. U.S.A..	36)	
24kk	"	106th " " "		
			37	Spare.

"A" Form.
MESSAGES AND SIGNALS.

Army Form C. 2121.
(In pads of 100.)

No. of Message.....

Prefix.....	Code.....	Words	Charge	This message is on #/o of:	Recd. at.....
Office of Origin and Service Instructions.		Sent			Service.
.....		At.....	m.	Date.....
.....		To.....		From.....
.....		By.....		(Signature of "Franking Officer.")	By.....

TO	RIGHT	Group	
	CENTRE	Group	
	LEFT	Group	

Sender's Number.	Day of Month.	In reply to Number.	AAA
* A. 379	26th		

"A" ZERO hour will be 9.30 p.m. 26th inst.

ACKNOWLEDGE

From	4th Aust. Div. Artillery.
Place	
Time	

The above may be forwarded as now corrected. (Z) *[Signature]* Major

* This line, except AAA, should be erased if not required.
Wt. W 3253/P511. 500,000 Pads. 1/18. B. & S. Ltd. (22359.)

SECRET. INSTRUCTION NO. 3

APPENDIX

HEADQUARTERS,

26th Sept. 1918.

issued under 4th Aust. D.A. ORDER No. 202.

 REFERENCE MAPS, 1/20,000 (62B N.W., 62C N.E.,
 (57C S.E., 57B S.W.).

1. INFORMATION :-

On the 27th September 1918, at a ZERO hour to be notified later and to be known as "B" ZERO hour, the preliminary attack referred to in 4th Aust. Divisional Artillery ORDER NO. 202, para. 1, is to be carried out by the 27th AMERICAN Division with the object of gaining the Infantry forming up line for the main operation (shown on Tracing "A" issued with that order). Tanks will be used.

The 30th AMERICAN Division on the right is to co-operate with the object of gaining such portions of the Infantry forming up line on its front as are not already occupied. The III Corps is to co-operate in the advance by forming a defensive flank to the North of the 27th AMERICAN Division.

2. INTENTION :-

The Field Artillery under the command of the C.R.A. 4th AUST. Division (less the 3rd ARMY Brigade Aust. F.A.) will carry out a creeping barrage during the attack and a protective barrage during consolidation.

3. BARRAGE :-

(a) Lifts and distances are as shewn on the accompanying barrage map.

(b) At ZERO hour the 18-pr. barrage will open on the Artillery Start Line which is 200 yards East of the Infantry Forming Up Line. At ZERO plus 3 minutes the barrage will lift at the rate of 100 yards in 3 minutes and will continue at this rate until it arrives at the "PROTECTIVE BARRAGE" LINE which is 400 yards East of the OBJECTIVE LINE. On arrival on the "PROTECTIVE BARRAGE LINE" the barrage will halt, and fire on this line will be continued for a period of 30 minutes, after which time all barrage fire will cease.

(c) The 4.5" How. barrage will conform to the lifts of the 18-pr. barrage but will move 200 yards East of it.

(d) Rates of fire will be as under :-

Throughout creeping barrage and during the first 10 minutes on "PROTECTIVE BARRAGE LINE" ---

18-prs.	--	3 rounds per gun per minute.
4.5" Hows.	--	2 " " " " "

On "PROTECTIVE BARRAGE LINE" during the last 20 minutes ---

18-prs.	--	1 round per gun per minute.
4.5" Hows.	--	1/2 " " " " "

(e) AMMUNITION :-

18-pr.	--	40% H.E. non delay. 50% Shrapnel 10% Smoke.
--------	----	---

4.5" Hows.	--	H.E., 106 fuzes.
------------	----	------------------

4. From ZERO hour onwards at least one Battery from each Group will be detailed to answer Zone Calls. The fire of the Batteries so detailed must be superimposed during the barrage in order that no gap may be caused should it be necessary to divert their fire for this purpose.
5. A Scheme for S.O.S. and Counter-preparation, to be put into force when the final objective is captured, will be issued from this Office.
6. After the operation a reconnaissance will be made for forward positions, and Batteries will be dribbled up to the following general line :-

F 29 d 7500 -- F 17 d 7520 - F 5 c 0000

At least one Section per Battery will be left at the rear position until the night 28/29th September. Batteries are to be emplaced as close as is practicable to the above mentioned line and for the purpose the following approximate areas are allotted to Groups :-

<u>RIGHT GROUP</u>	--	F 29 b, F 29 d, F 30 a, F 30 c.
<u>CENTRE GROUP</u>	--	F 23 b, F 23 d, F 17 d.
<u>LEFT GROUP</u>	--	F 17 a, F 11 d, F 10 b.
		112 11 10

7. ACKNOWLEDGE.
=====

W. Parkinson, Major,
a/Brigade-Major,
4th Australian Divisional Artillery.

DISTRIBUTION.

As for ORDER No. 202.

Issued to Signals

10.15 a.m..

FOURTH AUSTRALIAN DIVISIONAL ARTILLERY. C 5/104.

4th
AUSTRALIAN
DIVL. ARTILLERY.
C 5/104.
No.....
Date.....

SECRET.

HEADQUARTERS,
26th Sept. 1918.

- 1. REFERENCE BARRAGE MAP issued with 4th Aust. Div. Artillery INSTRUCTION No. 3 :-

For times on "PROTECTIVE BARRAGE LINE", plus 45 to plus 60 read plus 45 to plus 75.

- 2. REFERENCE INSTRUCTION No. 3, para. 3 (b) :-

The fire of each gun during the barrage will be lifted as indicated, until it arrives on the "PROTECTIVE BARRAGE LINE". Each gun will continue on this line for a period of 30 minutes and will then cease.

- 3. ACKNOWLEDGE.

W. Parkinson, Major,
for Brigade-Major,
4th Aust. Divisional Artillery.

DISTRIBUTION.

As for INSTRUCTION No. 3,
(less higher and flank formations).

Issued to Signals
at 5.15 p.m..



APPENDIX

187

TENTH AUSTRALIAN FIELD ARTILLERY BRIGADE.

Headquarters,

26th. September 1918.

ORDER No. 2.
-----REFERENCE MAPS 1/20,000 62B NW - 62C NE
57C SE - 57B SW

1. As the LIGHT GROUP BRIGADES will be grouped from LEFT to RIGHT as follows -

10th Aust. F. A. BRIGADE.
11th Aust. F. A. BRIGADE.
112th. BRIGADE R. F. A.

reconnaissance and occupation of positions for Main Attack will be in the same order - keeping to AREAS outlined in 4th. D. A. INSTRUCTION No. 3, viz -

112th BRIGADE R. F. A.	F 17 a
11th. Aust. F. A. BRIGADE	F 11 d
10th. Aust. F. A. BRIGADE	F 10 b ✓

2. LOCATIONS will be wired to this Office as soon as they are selected.
3. Reference INSTRUCTION No. 3, Para 3 (a) - Barrage Map has been issued to Batteries showing Battery and Sub-Group Boundaries.
4. 39th. BATTERY will answer all ZONE CALLS.
5. ACKNOWLEDGE BY WIRE.

[Signature]
Lieut. & A/Adjt.
For C. O. 10th. Aust. Field Arty. Brigade.

LEFT GROUP - AUSTRALIAN FIELD ARTILLERY.

Headquarters,

ORDER No. 2.

26th. September 1918.

REFERENCE MAPS 1/20,000 62B NW - 62C NE
57G SE - 57B SW

1. As the LEFT GROUP BRIGADES will be grouped from ~~RIGHT~~^{LEFT} to ~~LEFT~~^{RIGHT} as follows -

10th. Aust. F. A. BRIGADE.

11th. Aust. F. A. BRIGADE.

112th. BRIGADE R. F. A.

reconnaissance and occupation of positions for Main Attack will be in the same order - keeping to AREAS outlined in 4th. D. A. INSTRUCTION No. 3, viz -

112th. BRIGADE R. F. A. F 17 a

11th. Aust. F. A. BRIGADE F 11 d

10th. Aust. F. A. BRIGADE F 10 b

2. LOCATIONS will be wired to this Office as soon as they are selected.
3. Reference INSTRUCTION No. 3, Para 3 (a) - Barrage Map has been issued to Sub-Groups showing Sub-Group Boundaries.
4. ACKNOWLEDGE by wire.

Miller

Commanding, LEFT GROUP - AUST. FIELD ARTILLERY.



FOURTH AUSTRALIAN DIVISIONAL ARTILLERY. COPY NO. 7...SECRET.INSTRUCTION NO. 4HEADQUARTERS,
26th Sept. 1918.issued under 4th Aust. D.A. ORDER
NO. 202.1. EXPENDITURE PER DAY -

The following is a statement shewing the estimated expenditure per gun per day for Field Artillery.

This is to be taken as a guide only in working out the daily expenditure and is exclusive of "BB" Gas Shell.

<u>Day</u>	<u>Nature of Gun</u>	<u>No. of Rds. per gun.</u>	<u>Remarks.</u>
26 <u>ZERO minus 3 days</u>	18-pdr. 4.5" How.	30 30	
27 <u>ZERO minus 2 days</u>	18-pdr. 4.5" How.	100 100	
28 <u>ZERO minus 1 day</u>	18-pdr. 4.5" How.	100 100	
29 <u>ZERO day</u>	18-pdr. 4.5" How.	550 450) " LEFT DIVISION) CREEPING BARRAGE) BRIGADES "
do.	18-pdr. 4.5" How.	550 450) " LEFT FLANK BARRAGE) BRIGADE "
do.	18-pdr. 4.5" How.	50 50) " NORTHERN EXPLOIT-) ATION BRIGADES "
<u>ZERO plus 1 day</u>	18-pdr. 4.5" How.	100 100	

2. ACKNOWLEDGE.

W. Parkinson, Major,
a/Brigade-Major,
4th Australian Divisional Artillery.

DISTRIBUTION -

As for Order No. 202. (85th Bde R.G.A. replaces 51st Bde R.G.A.).

Issued to Signals at 2 p.m.

* * *

all batteries

FOURTH AUSTRALIAN DIVISIONAL ARTILLERY. COPY NO. 1...

SECRET.

INSTRUCTION NO. 5

HEADQUARTERS,
26th Sept. 1918.

issued under 4th Aust. D.A. ORDER No. 202.

1. MAIN ATTACK :-

The main attack referred to in 4th Aust. Divisional Artillery ORDER No. 202 is designed with a view to giving the attacking Infantry the support of a creeping barrage for an average depth of approximately 4500 yards from the Artillery Start Line eastward.

This depth is necessary in order to ensure the successful capture, with the maximum of Artillery support, of LE CATELET - GOUY on the North and NAUROY on the South - two strongly defended areas.

It is essential therefore, that the utmost care should be exercised in the preparation for the barrage, in order to ensure its accuracy.

2. PRELIMINARY PREPARATIONS :-

In this operation, as in those lately undertaken, accurate registration from battle positions is neither possible, owing to the limit of time, nor advisable owing to the likelihood of the enemy gaining information of our plans.

For the above reasons the instructions previously issued are reiterated, and are to be adhered to with the utmost care so far as circumstances permit.

- (a) Positions are to be selected in ^{the} areas allotted in INSTRUCTION No. 3, which will enable a creeping barrage to be maintained from the Artillery Start Line to a Protective Barrage Line which will be 400 yards East of the GREEN LINE.
- (b) Arrangements are to be made for the accurate resection of Battery positions, and the accurate determination of the exact height of the site selected. Four men of the Topographical Section are available at the Headquarters of the 11th Aust. F.A. Brigade.
- (c) Attention is to be directed to likely alterations in the angle of sight during the progress of the barrage.
- (d) The barrage is to be rehearsed without firing, prior to the attack taking place.
- (e) Lines of fire are to be checked by direct means where possible.
- (f) The Field Clinometer is to be employed to check the accuracy of every gun on the Start Line. Throughout the creeping and protective barrages an Officer must be told off to check the guns of his Battery at stated periods by the same means.
- (g) Corrector lengths are to be determined to give 50% of time shell on graze.
- (h) So far as time permits, ammunition is to be sorted by lots and carefully checked and grouped.

(i)

- (i) The most careful attention is to be paid to atmospheric conditions.
- (j) It is essential to ensure that sights are tested and range drums marked for slipping the day before ZERO day.

The enemy must be afforded as little opportunity of learning our plans as is possible. This can be ensured by allowing no unnecessary movement by day on roads or at Battery positions.

Reconnaissance Officers are not to be permitted to expose themselves or their maps in view of the enemy.

Strict attention is to be paid to the use of camouflage on all forward gun positions and dumps, and where work is being carried out, the site is to be previously camouflaged. As it is known that the enemy has very effective listening sets installed, vigilance must be exercised in telephone messages sent over lines within 3000 yards of the front line.

No information which would in any way give indication of impending attack, or times and dates of operations, should be sent in "clear".

3. ADVANCE AFTER CAPTURE OF GREEN LINE :-

Brigade Commanders of the "Northern Exploitation Brigades" will carefully study from maps, air photos and, where possible visual observation, the country and routes they are likely to move over during the advance. Liaison with the Infantry Brigadiers concerned is to be effected without delay.

4. USE OF SMOKE WITH GAS BY DAY :-

When gas shells are used by day, they should be mixed with a proportion of smoke shell, thus educating the enemy to adjusting his gas mask whenever smoke shells are employed.

5. ACKNOWLEDGE.

=====

W. P. Kinison, Major,
a/Brigade-Major,
4th Australian Divisional Artillery.

DISTRIBUTION.

As for ORDER No. 202.

Issued to Signals at

3. p.m.

SECRET.

HEADQUARTERS,
26th Sept. 1918.INSTRUCTION NO. 6
issued under 4th Aust. D.A. ORDER No. 202.S.O.S. AND C.P. ARRANGEMENTS TO COME INTO FORCE ON COMPLETION
OF THE PRELIMINARY ATTACK REFERRED TO IN 4TH AUST. DIV. ARTY.
ORDER NO. 202.1. S.O.S. LINE :-

On completion of the operation the final protective barrage line shown on Special Barrage Map issued with INST. No. 6 will become the 18-pr. S.O.S. Barrage Line.

The 4.5" How. final protective barrage line (200 yards East of 18-pr. final protective barrage) will become the 4.5" How. S.O.S. Barrage Line.

The Left Flank Barrage Brigade S.O.S. line will remain as detailed in INSTRUCTION No. 1, para. 2.

Group Commanders will be responsible for alteration of the S.O.S. line in accordance with the requirements of the Infantry, and for the prompt notification of such alteration to D.A.H.Q..

2. SIGNAL :-

The S.O.S. Signal is a rifle grenade bursting into three lights - RED over RED over RED.

Should the weather render doubtful the possibility of S.O.S. Signals being seen, a heavy hostile bombardment of the front will be treated as an S.O.S. signal and fire will be opened opposite the front affected, by the Group Commanders' orders.

3. PROCEDURE :-

On receipt of an S.O.S. signal or message, fire will be opened at once on the S.O.S. barrage lines and continued for a period of 15 minutes.

4. RATES OF FIRE :-

Nature	For first 8 min..	For following 7 min..
18-pr. Q.F.	4 rds. per gun per min.	3 rds. per gun per min.
4.5" How."	4 rds. per How. " "	3 rds. per how. " "

The above provisions are not to be taken as prohibiting either Group or Battery Commanders from developing the full fire power of their Batteries in the event of their knowledge of the situation demanding it.

5. REPITITION OF SIGNAL :-

All fire will cease at the end of 15 minutes unless the S.O.S. Signal is repeated after the opening of fire, when the maximum rate of fire will be reverted to and the procedure laid down in para. 3 repeated.

6. FLANK DIVISION S.O.S. :-

In case of an S.O.S. on the front of a flank Division, Batteries of the Field Artillery covering the front of the adjacent Battalion of the 27th AMERICAN Division will open on S.O.S. lines and carry out the instructions contained in paras. 3 and 5.

/ 7.....

187 APPENDIX

7. S.O.S. GUARDS :-

In all Batteries there will be posted guards who will be provided with Zone Indicator Boards showing Divisional and Battalion boundaries, and Group and Brigade fronts.

8. LOADED GUNS :-

Guns when not engaged on tasks will be kept loaded and laid on S.O.S. lines.

9. AMMUNITION :-

The ammunition to be used for S.O.S. will be as follows :-

<u>18-pr. Q.F.</u>	...	50% H.E..
		50% Shrapnel.
<u>4.5" How.</u>	...	100% H.E.,
		106 fuzes.

Gas shell will not be fired unless specially ordered.

10. NOTIFICATION OF S.O.S. :-

A Battery on receiving an S.O.S. Call will open fire and inform --

- (1) Batteries on each flank
- (2) Its Artillery Brigade Headquarters.

Headquarters of Groups will inform --

- (1) Batteries in the Group.
- (2) D.A.H.Q..

COUNTER - PREPARATION ARRANGEMENTS.

Counter-Preparation will be ordered from D.A.H.Q., and will involve the delivery of a maximum of Counter-Battery work and harassing fire in one stage and a maximum of annihilating fire in another stage. Orders therefore to - "EFFECT C.P. SCHEME, PHASE 1a" will indicate a maximum of Counter-Battery fire.

"EFFECT C.P. SCHEME PHASE 1b" will indicate a maximum of harassing fire.

"EFFECT C.P. SCHEME PHASE 2" will indicate a maximum of annihilating fire.

(a) COUNTER PREPARATION SCHEME PHASE 1b :-

On receipt of the order "EFFECT C.P. SCHEME PHASE 1b" Groups will concentrate in short bursts of fire on to all known and possible assembly areas in quick succession. Group Commanders will issue a Table from time to time to all concerned showing areas to be engaged. Rates of fire will be ordered at the time the scheme is put into operation and are as follows :-

<u>Rate "A"</u>	...	60 rds. per gun or H.W.	per hour.
<u>Rate "B"</u>	...	30 " " " " " "	" "
<u>Rate "C"</u>	...	15 " " " " " "	" "

/ AMMUNITION

187

INSTRUCTION NO. 6 (Continued)AMMUNITION :-

18-prs. ... 60% A, 50% AX.
4.5" Hows. ... 100% BX. 106 fuzes.

(Gas shell when weather conditions and proximity to our line permit).

(b) COUNTER PREPARATION SCHEME PHASE 2 :-

The Divisional front is divided into three lanes, bounded on the West by a line 100 yards East of the S.O.S. line called the "START LINE", and on the North and South in all cases by the Group boundaries. Lanes are numbered from RIGHT to LEFT. Lanes are divided into four Zones each measuring 500 yards from WEST to EAST.

ZONE "A" will be START LINE to START LINE plus 500.
ZONE "B" " " START LINE plus 500 to START LINE plus 1000
ZONE "C" " " START LINE plus 1000 to START LINE plus 1500
ZONE "D" " " START LINE plus 1500 to START LINE plus 2000.

On receipt of the order "EFFECT C.P. SCHEME PHASE 2 ZERO HOUR", Batteries, commencing at ZERO Hour on the START LINE, will creep Eastward in lifts of 100 yards per two minutes.

This order may be varied in order to place a barrage creeping Eastward or Westward in certain lanes or zones. In such cases more detailed orders will be sent.

Rate of fire -- 3 rds. per gun per minute.
 2 rds. " how. " "

Ammunition -- 18-pr. -- 60% A, 40% AX
4.5" H. -- 100% B.X., 106 fuzes.

(c) ZERO hour will be wired from D.A.H.Q., but in the event of communications being cut, the commencement of a heavy enemy bombardment will be taken as ZERO Hour.

ACKNOWLEDGE.

=====

H. J. ...
 Major,
 Brigade-Major,

4th Aust. Divisional Artillery.

DISTRIBUTION.

1 - 5	108th ARMY Bde. R.F.A.)	RIGHT	
6 - 10	108th " " ")		Issued to Signals at 8 p.m..
11 - 15	86th " " ")	GROUP	
16 - 20	110th Bde. R.F.A.)		
21 - 25	290th " " ")	CENTRE GROUP	
26 - 30	291st " " ")		
31 - 35	112nd Bde. R.F.A.)		
36 - 40	10th Aust. F.A. Bde.)	LEFT GROUP	
41 - 45	11th " " ")		
46	4th Aust. D.A.C..		56 4th Aust. Div. "G"
47	D.T.M.O..		57 53rd Inf. Bde. U.S.A.
			58 105th Inf. Regt. "
			59 106th " "
			60 C.B.S.O. Aust. Corps.
			61 85th Bde. R.G.A..
			62 - 66 3rd ARMY Bde. A.F.A..
			67 C.R.A..
			72 - 74 Diary.
			68 B.M..
			75 File.
			69 S.C..
			76 Spare.
			70 R.O..
			71 Sig. Off.

For Inf :-

48	R.A. Aust. Corps.
49	E.A. " "
50	27th Div. U.S.A. "G".
51	25th D.A..
52	58th D.A..
53	12th D.A.,
54	1st Aust. D.A.
55	3rd " "

LEFT GROUP - AUSTRALIAN FIELD ARTILLERY.ORDER No. 5.Headquarters,
26th. September 1918.

REFERENCE 4th. D. A. INSTRUCTION No. 6 to ORDER 202.

PARA 1 - S. O. S. LINES.

Subdivision of Group S. O. S. Lines will coincide with with subdivision of FINAL PROTECTIVE BARRAGE LINE as issued on Barrage Map SERIES "E" - No. 7 - i. e. BRIGADE'S S. O. S. BARRAGE will correspond with barrage on FINAL PROTECTIVE LINE.

ACKNOWLEDGE.

C. J. ...
 For C. O. LEFT GROUP - AUSTR. FIELD ARTILLERY.

LEFT GROUP - AUSTRALIAN FIELD ARTILLERY.ORDER No. 3.Headquarters,
26th. September 1918.Reference 4th. D. A. INSTRUCTION No. 1, issued under
4th. D. A. ORDER 202.

PARA 3. -

The 110th. HOWITZER BATTERY, 10th. A. F. A. Brigade
will effect the SMOKE SCREEN mentioned therein.

ACKNOWLEDGE.

C. J. ...
 For C. O. LEFT GROUP - AUSTR. ARTY.



S E C R E T.

INSTRUCTION NO. 7

HEADQUARTERS,
27th Sept. 1918.issued under 4th Aust. D.A. ORDER No. 202.1. INTENSE HARASSING FIRE :-

Reference 4th Aust. Divisional Artillery ORDER No. 202, para. 9, intense harassing fire will be carried out under Group arrangements in accordance with the following general rules :-

- (a) Continuous harassing fire will be maintained on the whole Divisional front during the period between the completion of the barrage covering the preliminary attack and the "C" ZERO hour.
- (b) Uniformity and regularity in its application are to be avoided and variety and surprise effect should be its chief characteristics.
- (c) Bursts of fire at irregular intervals will be found to give results of the most harassing nature.
- (d) Group Commanders' plans are to be so framed as to permit the enemy immunity from shell fire during no portion of the period, day or night.
- (e) Extensive use of gas shell (C.G. and N.C.), mixed with a percentage of smoke shell by day, is to be made with 4.5" Hows., but gas shell will not be fired after 6 p.m., 28/9/1918.

2. WIRE CUTTING AND BOMBARDMENT OF SELECTED STRONG POINTS :-

The attached tracing "A" shows lanes in the wire to be cut by the Field and Heavy Artillery, and selected points for bombardment by the Field Artillery in accordance with 4th Aust. D.A. ORDER No. 202, paras. 9, 10 and 11.

- (a) Lanes (marked purple) will be cut by the Field Artillery. Wirecutting will be carried out by 4.5" Hows. using 106 fuzes, on 27th Sept., 28th Sept. and completed during 28th instant. Lanes are allotted to Groups as follows :-

Nos. 1 and 2	to	RIGHT Group.
Nos. 3 and 4	"	CENTRE "
Nos. 5	"	LEFT "

Group Commanders, through their respective Liaison Officers, will make the necessary arrangements with the Infantry to ensure that the lanes will be kept open by machine gun and rifle fire during the hours of darkness.

- (b) Lanes marked green are being cut by the Heavy Artillery.
- (c) Areas marked red will be bombarded by the Field Artillery within Group zones during 27th Sept. and 28th Sept. and during nights 27/28th Sept. and 28th/29th Sept., using H.E. and gas (except that gas will not be fired after 6 p.m. on 28th instant).

3. AMMUNITION EXPENDITURE :-

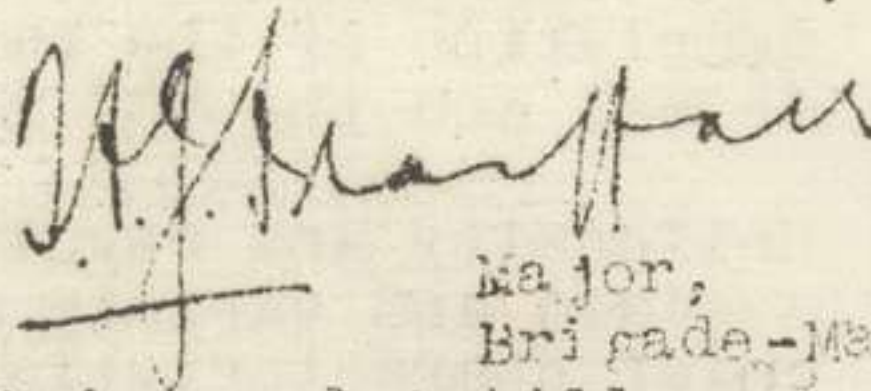
The daily expenditure of ammunition for harassing fire, wirecutting and bombardment of selected points, commencing on 27th instant, will be as follows :-

18-pr

INSTRUCTION NO. 7 (Continued)

18-pr. -- 100 rounds per gun.
4.5" H. -- 100 " " how..

Approximately two thirds of the 18-pr. allotment will be expended during the hours of darkness.

4. ACKNOWLEDGE.


Major,
 Brigade-Major,
 4th Aust. Divisional Artillery.

DISTRIBUTION.

1 - 15 *RIGHT Group.) Copy
 16 - 30 *LEFT Group.) per
 31 - 45 *CENTRE Group.) Bty..
 46 4th Aust. D.T.M.O..
 47 4th Aust. D.A.C..

For inf :-

48 * R.A. Aust. Corps.
 49 * H.A. " "
 50 * 27th Div. U.S.A..
 51 25th D.A..
 52 58th D.A..
 53 12th D.A..
 54 1st Aust. D.A..
 55 3rd " "
 56 4th Aust. Div. "G"
 57 * 53rd Inf. Bde. U.S.A..
 58 * 105th Regt. U.S.A..
 59 * 106th " "
 60 C.I.S.O. Aust. Corps.
 61 51st Bde. R.G.A..
 62 3rd ARMY Bde. A.F.A..

* Tracing attached.

63 * C.R.A..
 64 * B.R..
 65 S.C..
 66 R.O..
 67 Sig. Off.

68 File
 69 - 71 Diary.
 72 Spare.

Issued to Signals at
1.30 a.m..

5-30-8-30

8

LEFT GROUP - AUSTRALIAN FIELD ARTILLERY.

Headquarters,

27th. September 1918

ORDER No. 7.

REFERENCE 4th. AUST. D. A. INSTRUCTION No. 7.

PARA. 1. The terms of this Para. will be complied with by Brigade Commanders within their own Boundaries. Especial attention is drawn to sub-paras. (d) and (e).

PARA. 2. LANE 5 will be engaged by the Howitzer Batteries of this Group between the following times daily -

6 - 30 A. M. to 10 - 30 A. M.	-	112th. Brigade.
10 - 30 A. M. - 2 - 30 P. M.	-	10th. Brigade.
2 - 30 P. M. - 6 - 30 P. M.	-	11th. Brigade.

Progress reports will be made to this Office at the completion of each days task.

2.C. Brigades will be responsible for Bombardment Areas as follows -

112th. Brigade	-	1 - 4
10th. Brigade	-	5 & 8
11th. Brigade	-	6, 7, and 9.

ACKNOWLEDGE.

C. O. Shuckler
Lieut. & A/Adjt.
For C. O. LEFT GROUP - AUST. FIELD ARTILLERY.

TENTH AUSTRALIAN FIELD ARTILLERY BRIGADE.

Headquarters,

27th. September 1918.

ORDER No. 3.

REFERENCE 4th. D. A. INSTRUCTION No. 7.

PARA 1. ^{BC's} ~~Batteries~~ will be responsible for engaging Areas to a depth of 2500 yards from Front Line within their own zones.

PARA 2. (a) 110th. Howitzer Battery will engage LANE No. 5 between 10 - 30 AM and 2 - 30 PM daily, reporting progress on completion of daily task.

B C 57th. and 38th. Batteries will engage AREA 5.

59th. Battery will engage AREA 8.

110th. Howitzer Battery will engage both Areas with H. E., C. C., and N. C.

Respective Areas will be bombarded at the following times today and tomorrow -

9 A. M.	-	11 - 20 A. M.	-	1 - 5 P. M.	-
2 - 55 P. M.	-	5 P. M.	-	6 - 45 P. M.	
9 - 30 P. M.	-	11 P. M.	-	1 - 30 A. M.	
3 - 5 A. M.	-	5 - 30 A. M.	-	7 A. M.	
8 - 50 A. M.					

110th. Howitzer Battery will co-operate when not on special tasks.

Batteries will fire double the amount of ammunition on 5 as on 8.

AMMUNITION will be expended as per allotment, spread over the various tasks.

ACKNOWLEDGE by wire.

C. J. Shuck
For C. C. 10th. AUST. FIELD ARTY. BRIGADE.



FOURTH AUSTRALIAN DIVISIONAL ARTILLERY

SECRET.

INSTRUCTION No. 10

Headquarters
27th September 1918.

SIGNAL COMMUNICATIONS
=====

1. Signal Officers of Groups will arrange communication within the Group. The Sub-Group Signal Officer will be responsible for line to Group Headquarters. Liaison lines will be arranged to the Headquarters of the American Regiments they are covering.

Forward Observation Officers will lay own lines from selected battery positions or O.Ps.

Lateral Communication between Groups will be established. Responsibility for maintenance is from Right to Left.

TELEPHONE CONVERSATION -

Great attention will be paid to secrecy of telephone conversation, references to pending events, &c.

2. Wireless Continuous Wave Sets as under will be established :-

4th Aust. D.A.H.Q. call	-	L Z R
11th Aust. F.A. Brigade	-	L X I
LEFT Group Headquarters	-	L Z H
CENTRE " " "	-	L W L
RIGHT " " "	-	L W I

All above stations will work as a group with L Z R as Controlling Station, Wave length 845 metres.

This Group will be known as D.A. Group.

These sets will move with their Headquarters until completion of barrage, when set at 104th Bde H.Q. will accompany 106th Brigade on orders from this Office.

Set at CENTRE Group will remain erected.

In addition 112th ARMY Bde R.F.A. has two sets which will be established at the discretion of the Signal Officer.

These two sets will also work as a Group with wave length 1260 metres, and be named 112 Group.

Communication may, if desired, be had with D.A. Group Stations or vice versa, by alteration to wave length concerned.

A charging set has been established at F 18 c 9 6 and will charge accumulators for all D.A. and 112 Group Stations.

Accumulators from 27th American Division will also be charged up to capacity of set.

3. BURIED CABLE -

A buried cable route runs through part of the area as follows :-

V S, (E 17 c 2 3) to Q (E 18 c 9 6) to S E (E 13 c 1 2) to R Y (F 14 a 5 5).

Pair must be applied for through Group Signal Officer to Sig. Officer D.A.; and must not be used indiscriminately.

Enemy Buried Cable routes are shown on 1 : 20,000 maps and should be studied with a view to use.

Units will report any buried cable located.

4. D.A. Report Centre/.....

Continued (2).

4. D.A. REPORT CENTRE -

A Divisional Artillery Report Centre will not be established unless warranted.

Personnel is held in readiness for this purpose and in event of Report Centre being established it will accompany Centre Brigade.

In the event of a Report Centre being established the following will apply :-

Telephonic communication between D.A. and Report Centre will be constantly maintained, and Brigade connected thereto as soon as possible after moving.

This Report Centre must be used when no telephone lines are available or wireless is congested.

If necessary mounted Orderlies must be sent there with written messages.

5. VISUAL - Alternative means to Forward Observation Officers will, if possible, be used.

6. PIGEONS - No pigeons are available.

7. LOCATION - The closest liaison must be observed between Signal Officers of Groups and Brigades with the next higher and lower formations regarding projected moves and locations of Headquarters.

R. Blasko

Captain,
Signal Officer,
4th Australian Divisional Artillery.

DISTRIBUTION -

- 1 - 3 Right Group
- 4 - 6 Centre Group
- 7 - 9 Left Group
- 10 4th Aust. D.T.M.O.
- 11 4th Aust. D.A.C.
- 12 3rd ARMY Bde A.F.A.
- 13 Sig. Officer, 108th Bde RFA.
- 14 " " 104th " "
- 15 " " 86th " "
- 16 " " 110th " "
- 17 " " 290th " "
- 18 " " 291st " "
- 19 " " 112th " "
- 20 " " 10th Aust. F.A.Bde.
- 21 " " 11th " "
- 22 " " 3rd ARMY Bde A.F.A.
- 23 58th Div. Arty.
- 24 25th Div. Arty.
- 25 3rd Aust. D.A.
- 26 1st Aust. D.A.
- 27 R.A., Aust. Corps.
- 28 H.A., Aust. Corps.
- 29. C.B.S.O. Aust. Corps.
- 30. 27th Div. U.S.A.
- 31. 54th Inf. Bde U.S.A.
- 32. 4th Aust. Div. 'G'.
- 33. C.R.A.
- 34. B.M.
- 35. S.C.
- 36. R.O.
- 37) Sig. Officer
- 40) 4th Aust. D.A.
- 41. File.
- 42) War
- 44) Diary.
- 45. Spare.

FOURTH AUSTRALIAN DIVISIONAL ARTILLERY

COPY NO. 7.

SECRET.

ADMINISTRATIVE INSTRUCTION NO. 57.

Headquarters
27th September 1918.

REFERENCE SHEET 623 1/20,000.

1. A forward A.R.P. has been selected at F 21 3 1 8 for use of the Field Artillery Brigades under the control of the C.R.A., 4th Australian Division, after ZERO hour.
2. The actual date and time of the A.R.P. coming into use will be notified to all concerned later.
3. O.C., SOUTHERN A.R.P. will arrange necessary dump parties being sent forward, and adequate guard remaining on present dump.
4. ACKNOWLEDGE.

[Handwritten signature]

[Handwritten signature]

Captain,
Staff Captain,
4th Australian Divisional Artillery.

DISTRIBUTION -

- | | |
|-----------------------------|-------------|
| 1. 10th Aust. F.A. Bde. | 20. C.R.A., |
| 2. 11th Aust. F.A. Bde. | 21. B.M., |
| 3. 86th Brigade R.F.A., | 22. S.C., |
| 4. 104th Brigade R.F.A., | 23. R.O., |
| 5. 108th Brigade R.F.A., | 24. File. |
| 6. 110th Brigade R.F.A., | 25) War |
| 7. 112nd Brigade R.F.A., | 26) Diary. |
| 8. 290th Brigade R.F.A., | 27. Spare. |
| 9. 291st Brigade R.F.A., | |
| 10. 3rd ARMY Bde A.F.A. | |
| 11. 27th American Div. 'G'. | |
| 12. R.A., Aust. Corps | |
| 13. "Q", Aust. Corps | |
| 14. A.R.P., | |
| 15. 4th Aust. D.A.C., | |
| 16. 104th B.A.C., | |
| 17. 108th B.A.C., | |
| 18. 86th B.A.C., | |
| 19. 3rd Aust. B.A.C. | |

*To Subgroups
Catteries*

[Handwritten signature]

SECRET.

INSTRUCTION NO. 8

HEADQUARTERS,
27th Sept. 1918.issued under 4th Aust. D.A. ORDER
NO. 202.1. INFANTRY RELIEF :-

In preparation for the main attack the 54th Brigade U.S. Inf. will relieve the 53rd Brigade U.S. Infantry in the line during the night 27th/28th September 1918:

On completion of the relief the Divisional front will be held by two Infantry Regiments - the 108th Inf. Regiment on the RIGHT and the 107th Infantry Regiment on the LEFT;

The RIGHT Infantry Regiment with two Battalions in the line, and the LEFT Infantry Regiment with three Battalions in the line.

2. LIAISON ARRANGEMENTS :-

On completion of the relief liaison will be provided as follows :-

(a) With the 54th Inf. Brigade --

The RIGHT Group will detail Lieut. T.P. CLARKE, M.C. to report to 54th Infantry Brigade Headquarters at F 21 b 2 1 *Southwith* to act as Liaison Officer between the Infantry Brigade and Divisional Artillery Headquarters.

(b) With Infantry Regiments --

The RIGHT Group will detail an Officer to report to the RIGHT Inf. Regiment to act as Group Liaison Officer with the RIGHT Inf. Regimental Headquarters.

The LEFT Group will detail an Officer to report to the LEFT *St King* Infantry Regiment to act as Group Liaison Officer with the LEFT Inf. Regimental Headquarters.

The CENTRE Group will arrange telephonic communication to each of the RIGHT and LEFT Group Headquarters.

(c) With Battalion Headquarters --

Groups will provide an Officer with Battalion Headquarters as follows :-

The RIGHT Group -- One Officer with the RIGHT Battalion of the RIGHT Regiment.

The CENTRE Group -- One Officer with the LEFT Battalion of the RIGHT Regiment.
One Officer with the RIGHT Battalion of the LEFT Regiment.

The LEFT Group -- One Officer with each of the CENTRE *1125a* and LEFT Battalions of LEFT Regiment.

Locations of Regiment and Battalion Headquarters cannot at present be advised.

ACKNOWLEDGE.

- 1 - RIGHT Group.
2 - CENTRE "
3 - LEFT "
4 - 3rd ARMY Bde. A.F.A.
For inf :-
5 - 54th Bde. U.S. Inf.
6 - 107th Regt. "
7 - 108th Regt. "
8 - 27th AMERICAN Div.
9 - Corps R.A..

H. J. Pearson
Major,
Brigade-Major,
4th Aust. Divisional Artillery.

- 9 C.R.A..
10 B.M..
11 S.C..
12 R.O..
13 Sig. Off.
14 - 16 Diary, File.
- Issued to Signals
7.15 p.m..

FOURTH AUSTRALIAN DIVISIONAL ARTILLERY LOCATION STATEMENT

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SECRET.

As at 7 p.m., 28th Sept. 1918

REFERENCE
Sheet 62C.

COVERING THE 27th AMERICAN DIV.

4th Aust. D.A.H.Q. -- E 12 Cent.

Unit	Position	Wagon Lines
RIGHT GROUP :- Lieut.-Col. H. WARD, D.S.O..		
<u>104th ARMY Bde. R.F.A. H.Q.</u>	F 28 a 3 8	K 5 Cent.
"A" Battery	F 27 a 0 2	K 5 c 7 7
"B" Battery	L 3 a 3 1	K 6 a 1 8
"C" Battery	L 3 c 3 8	K 4 c 4 0
"D" Battery	L 3 a 5 5	K 5 b 2 4
<u>108th ARMY Bde. R.F.A. H.Q.</u>	F 27 b 5085	E 29 b 4 5
"A" Battery	F 28 a 1 9	K 4 c 6 3
"B" Battery	L 2 b 8 8	K 5 b 0 0
"C" Battery	F 27 b 5095	K 5 b 4 4
"D" Battery	F 27 a 6 1	K 4 a
<u>86th ARMY Bde. R.F.A. H.Q.</u>	F 25 b 0 3	K 8 a 2 7
"A" Battery	F 26 b 2018	E 15 Cent.
"B" Battery	F 20 c 7 1	E 21 a 9 9
"C" Battery	F 26 b 1845	E 21 d Cent.
"D" Battery	F 27 a 0 8	K 4 b 4 0
CENTRE GROUP :- Lieut.-Col. W.A.F. JONES, D.S.O..		
<u>290th Brigade R.F.A. H.Q.</u>	F 21 a 9565	D 27 b 2 4
"A" Battery	F 20 b 7550	D 17 b 5065
"B" Battery	F 14 c 3 8	D 23 a 8520
"C" Battery	F 14 c 9 9	E 13 b 6062
"D" Battery	F 14 c 9 6	E 15 c 6 8
<u>291st Brigade R.F.A. H.Q.</u>	F 21 d 4 4	D 23 b 0 6
"A" Battery	F 13 c 8 9	E 14 a 2 6
"B" Battery	F 13 c 9 9	E 21 b 8 5
"C" Battery	F 13 a 6 0	D 23 b 2 8
"D" Battery	F 13 a 6 1	D 23 b 3 6
<u>110th Brigade R.F.A. H.Q.</u>	F 29 a 9 9	E 16 d 2 8
"A" Battery	F 20 a 9 6	E 16 d 9 7
"B" Battery	F 20 d 3 8	E 16 d 9 7
"C" Battery	F 20 b 4 6	E 17 c 5 0
"D" Battery	F 20 b 5 5	E 21 b 8 8
LEFT GROUP :- Lieut.-Col. T.I.C. WILLIAMS, D.S.O..		
<u>10th Aust. F.A. Brigade H.Q.</u>	F 14 b 6246	K 13 b 4 7
37th Battery	F 14 b 6 9	K 7 a 9 6
38th Battery	F 8 d 6 0	K 11 c 3 3
39th Battery	F 8 d 4520	K 8 a 8 4
110th How. "	F 14 b 7 6	E 20 c
<u>11th Aust. F.A. Brigade H.Q.</u>	F 22 b 9 4	E 16 b 5030
41st Battery	F 22 a 2673	(E 20 c 8050
42nd Battery	F 22 a 0423	(
43rd Battery	F 22 a 0761	K 4 L 3575
111th How. "	F 22 c 1590	E 22 a 5090
<u>112th Brigade R.F.A. H.Q.</u>	E 12 b 0 0	(
"A" Battery	E 12 d 5 7	(E 13 a
"B" Battery	E 12 d 7 5	(
"C" Battery	F 7 d 5 7	(
"D" Battery	E 12 b 6 0	(
LEFT FLANK BARRAGE BDE.		
(3rd ARMY Bde. Aust. D.A.	E 24 b 3 2	

/overleaf ...

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APPENDIX

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Unit	Position	W. Lines.
85th Brigade R.F.A. H.Q. (affiliated to 27th AMERICAN Division)	Lieut.-Col. R.B. RIDDELL, D.S.O.. F 12 a 6 6	
4th Aust. D.T.M.O.	VILLERS FAUCON, E 22 d 9590	
4th Aust. D.A.C. H.Q. No. 1 Section No. 2 Section S.A.A. Section		J 10 a 9 9 J 10 c 3 8 J 10 c 4 3 E 27 a 3 8
58th D.A.C. H.Q.		D 2 Cent. (27)
104th B.A.C. 108th B.A.C. 86th B.A.C.		E 27 d 5 3 E 25 c 1000 K 8 a 2 7
A.R.P.	E 28 a 5 3	

PREVIOUS LISTS ARE HEREBY CANCELLED.

Units will please notify this Office at once of any changes of location.

Unit	Position	W. Lines.
85th Brigade R.F.A. H.Q.	Lieut.-Col. R.B. RIDDELL, D.S.O.. F 12 a 6 6	
4th Aust. D.T.M.O.	VILLERS FAUCON, E 22 d 9590	
4th Aust. D.A.C. H.Q. No. 1 Section No. 2 Section S.A.A. Section		J 10 a 9 9 J 10 c 3 8 J 10 c 4 3 E 27 a 3 8
58th D.A.C. H.Q.		D 2 Cent. (27)
104th B.A.C. 108th B.A.C. 86th B.A.C.		E 27 d 5 3 E 25 c 1000 K 8 a 2 7
A.R.P.	E 28 a 5 3	

187
SECRET.

HEADQUARTERS,
28th Sept. 1918.

INSTRUCTION NO. 9

issued under 4th Aust. D.A. ORDER
NO. 202.

REFERENCE MAP -- F.A. BARRAGE MAP issued under AUST. CORPS
BATTLE INSTRUCTIONS, SERIES "E", No. 2, 27/9/18..

1. INFORMATION :-

On "Z" Day, at a ZERO HOUR to be notified, the main attack and the exploitation to the flanks after the main attack, referred to in 4th Aust. Div. Arty. ORDER No. 202, and in accordance with F.A. BARRAGE MAP attached, will be carried out by the AUST. CORPS with the 2nd AMERICAN CORPS affiliated.

The Corps will attack with two Divisions (27th AMERICAN on the LEFT and 30th AMERICAN Division on the RIGHT) in the Sectors shown on attached map.

(i) The AMERICAN Divisions will capture the GREEN LINE and FLANK EXPLOITATION GREEN LINE shown on attached map.

(ii) The 3rd AUST. Division on the LEFT and the 5th AUST. Division on the RIGHT, will pass through the AMERICAN Divisions on the GREEN LINE and capture the RED LINE. The AMERICAN Divisions will widen the salient by a further exploitation to the continuation of the RED LINE shown on attached map. The Northern exploitation will be carried out by the 105th Inf. Regiment U.S.A..

2. INTENTION :-

The Field Artillery under the command of the C.R.A. 4th AUST. Division will cover the advance of the 27th Inf. Regiment U.S.A. to the GREEN LINE and to the NORTHERN FLANK EXPLOITATION GREEN LINE with a creeping Barrage and a Northern flank Barrage, in accordance with the Barrage Map attached.

On completion of the Protective Barrage covering the GREEN LINE at ZERO plus 215 minutes, exploitation by the 105th Inf. Regiment U.S.A. will be supported by 3 F.A. Brigades and 1 H.A. Brigade. The remaining Field Artillery Brigades will be distributed as shown in para. 4

3. THE BARRAGE :-

(a) The 18-pr. barrage will open at ZERO on a line 200 yards East of the INFANTRY START LINE.

At ZERO plus 3 minutes the barrage will lift and will move forward at the rate of 100 yards in 3 minutes. There will be 6 lifts at this rate.

The rate of the lift will then decrease to 100 yards in 4 minutes until the ARTILLERY HALT LINE is reached. The barrage halts on this line for a period of 15 minutes, i.e., ZERO plus 85 minutes to ZERO plus 100 minutes.

At ZERO plus 100 minutes the barrage will advance at the rate of 100 yards in 4 minutes until the PROTECTIVE BARRAGE LINE TO THE FIRST OBJECTIVE (GREEN LINE) is reached, which is 400 yards East of the GREEN LINE.

All fire ceases at ZERO plus 215 minutes.

(b) The 4.5" Howitzer barrage will conform to the lifts and times of the 18-pr. barrage, but will move 200 yards in advance of it.

(c)

THE BARRAGE (Continued) :-(c) SMOKE BARRAGES :-

Smoke Barrages will be placed by Flank Barrage Brigade on positions and for periods as shown on the barrage map. Attention is drawn to the overlapping of times stated for each task; this allowance is made in order to avoid a period during which the flank would be unprotected.

(d) RATES OF FIRE :-Throughout creeping barrage :-

18-prs. ... 3 rounds per gun per minute.
 4.5" Hows. ... 2 rounds per gun per minute.

Whilst on Protective Barrage and ARTILLERY HALT LINE :-

18-prs. &) ... 1 round per gun per minute.
 4.5" Hows)

Except on the ARTILLERY HALT LINE between A 22 b 1 3 to A 28 b 4 0 where it will remain 3 and 2 rounds per gun and Howitzer per minute respectively.

(e) AMMUNITION :-

18-prs.) 40% H.E. Non delay.
) 50% Shrapnel
) 10% Smoke.

4.5" Hows. H.E. 106 Fuzes.

Flank barrages) 20% Smoke
) 30% H.E. 106 Fuzes.
) 50% Shrapnel.

4. DISTRIBUTION OF BRIGADES AFTER THE CAPTURE OF THE GREEN LINE :-

On completion of the Protective Barrage covering the GREEN LINE at ZERO plus 215 minutes, Field Artillery Brigades will be distributed as follows :-

(a) The 10th Aust. F.A. Brigade) Remain under orders of C.R.A.
 11th Aust. F.A. Brigade) 4th Aust. Div. & support the
 108th ARMY Brigade R.F.A.) Northern exploitation by the
) 105th Inf. Regt. U.S.A..

(b) The 3rd ARMY Brigade Aust.F.A.) Will come under the command
) of C.R.A. 3rd Aust. Div. and
) move forward to support the
) advance of the 3rd Aust. Div..

(c) The 290th Brigade R.F.A.) Remain in position in
 291st Brigade R.F.A.) readiness to move on receipt
) of orders from this Office,
) to support the 105th Inf.
 86th ARMY Brigade R.F.A.) Regt. U.S.A. exploiting
 104th ARMY Brigade R.F.A.) Northward or the 3rd Aust. Div.
) exploiting Eastward

(d)

- (d) The 110th Brigade R.F.A.) Remain in position in action
112th Brigade R.F.A.) and pass to ARMY Reserve.
- (e) The 85th Brigade R.G.A. Comes under the orders of C.R.A. 4th Aust. Div. and support the Northern exploitation by the 105th Regt. U.S.A..

5. ACTION OF ARTILLERY BRIGADES COVERING THE NORTHERN EXPLOITATION :-

- (a) For this phase of the operation, the Group organisation will cease, and Brigades will work under the orders of the Brigade Commander.
- (b) The 108th ARMY Brigade R.F.A. will be prepared to move Northward to positions covering the Northern Exploitation Area at ZERO plus 215 minutes, but will only move on receipt of orders from this Office, which will normally be issued directly the 3rd Aust. Division and its supporting Brigades have advanced East of the present front line.
- (c) Orders will be issued later to the Field and H.A. Brigades concerned regarding the allocation of Artillery Brigades to Battalions. In the event of 3 Battalions attacking, one F.A. Brigade will be allocated to each Battalion, but in the event of 2 Battalions only attacking, 2 Brigades will be allocated to Battalions, and one Brigade Artillery in support. On receipt of further particulars, Artillery Commanders will be required to confer with Infantry Commanders concerned.
- (d) The H.A. Brigade will operate over the whole Exploitation Area, under the direct orders of the H.A. Brigade Commander.
- (e) 40 U.S.A. Engineers, with one day's rations, blankets, picks and shovels, will report to each of the Field Artillery Brigade Headquarters at 3 p.m. on the 28th instant; these Engineers will be used at the discretion of Brigade Commanders during the advance. *10/4/47*
- (f) Sections of 4th Aust. D.A.C. will be attached to 10th and 11th Aust. F.A. Brigades from ZERO plus 215 minutes onward. *]*
- (g) Full echelons will be carried by Field and H.A..
- (h) Field Artillery Brigades and 4th Aust. D.A.C. will each detail two mounted orderlies carrying 48 hours' rations, to report to Signal Officer 4th Aust. D.A.R.Q. (E 12 c 9 6) at 12 noon on 28th instant. *done*

6. SYNCHRONISATION :-

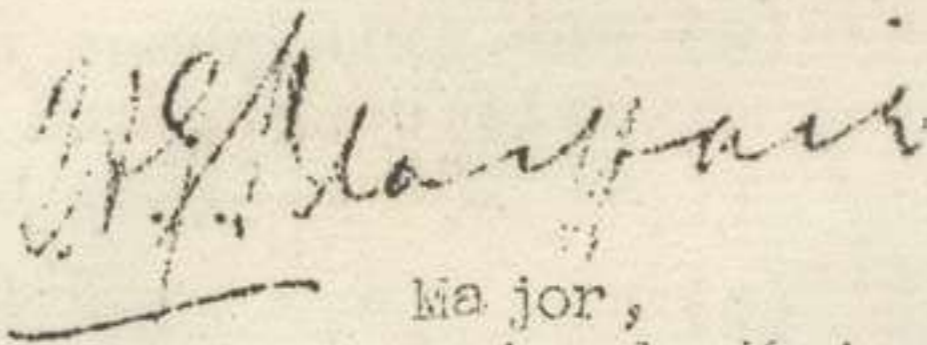
A Staff Officer from D.A.H.Q. will visit RIGHT, CENTRE and LEFT Groups at an hour to be notified during night 28th/29th Sept. for the purpose of Synchronisation.

37th office to batteries

/7.....

INSTRUCTION NO. 9 (Continued)7. D.A.H.Q. :-

4th Aust. D.A.H.Q. will close at present Headquarters at 10.30 a.m. on 28th instant and re-open at E 12 c 9 6 at same hour.

8. ACKNOWLEDGE.

Major,
Brigade-Major,
4th Aust. Divisional Artillery.

DISTRIBUTION.AS FOR INST. NO. 7.

Issued to Signals at
1 a.m., 28/9/1918.

MACARTHUR AUSTRALIAN DIVISIONAL ARTILLERY. COPY NO. 17...

SECRET.

ADDENDUM NO. 1 to
INSTRUCTION NO. 9

HEADQUARTERS,
28th Sept. 1918.

issued under 4th Aust. D.A. ORDER No. 202.

INSTRUCTIONS FOR F.A. BRIGADES DETAILED TO SUPPORT AND COVER THE
105th INFANTRY REGIMENT U.S.A. IN ITS EXPLOITATION TOWARDS THE
RED LINE AFTER THE CAPTURE AND CONSOLIDATION OF THE GREEN LINE.

1. INFORMATION :-

After the capture of the GREEN LINE, the 105th American Inf. Regt. will advance with their Battalions in line in open order in a N.E. direction to the exploitation of the RED LINE.

2. DISPOSITIONS :-

The Regt. will advance in the following order of battle, closely supported and covered by the Field Artillery Brigades skewn as under :-

<u>LEFT</u>	<u>CENTRE</u>	<u>RIGHT</u>
<u>2nd Battalion</u> O.C., Capt. MACARTHUR	<u>1st Battalion</u> O.C., Capt. MASLIN	<u>3rd Battalion</u> O.C., Capt. BULKLEY
<u>10th Aust. F.A. Bde</u> Lt.-Col. T.I.C. WILLIAMS, D.S.O.	<u>108th ARMY Bde RFA</u> Lt.-Col. STEBBINS.	<u>11th Aust. F.A. Bde</u> Lt.-Col. C.H. SPURGE.

The above F.A. Brigade Commanders will get into personal liaison with the Regtl. Commander at once. Sections, single batteries and batteries may be employed as the Artillery Brigade Commander from his knowledge of the changing situation may direct.

3. LIAISON :-

Liaison will be maintained by Artillery Brigades with Regimental and Battalⁿ Headquarters.

4. MOVEMENT AND PRECEDENCE :-

The ¹⁰⁸108th ARMY Bde R.F.A. will move to positions in squares A 14 b and A 15 a after the completion of the GREEN LINE protective barrage. In this movement precedence will be given to the 3rd Aust. Div. and its covering artillery moving eastwards.

5. PROVISIONAL S.O.S. LINE :-

The Provisional S.O.S. Line covering the RED LINE will be :-

S 13 b 0030 - S 15 b 0030 - S 24 d 0070.

D.A.H.Q. will be notified of all alterations made, in this S.O.S., by the Brigade Commanders of the three covering Artillery Brigades in accordance with the requirements of the Infantry.

188

6. ZONES :-

ZONES beyond the RED LINE are allotted as follows :-

<u>11th Aust. F.A. Bde.</u>	N. & S. line through S 24 Cent to N. & S. line through S 18 Cent..
<u>108th ARMY Bde. R.F.A.</u>	N. & S line through S 16 Cent. to N. & S. line through S 15 Cent..
<u>10th Aust. F.A. Bde.</u>	N. & S. line through S 15 Cent. to CANAL.

Zones are in no way arbitrary.
Brigade Commanders will co-operate and provide mutual support whenever required.

7. THE DIV. RESERVE ARTILLERY BRIGADES :-

Immediately the 3rd Aust. Division and its covering Artillery are East of the CANAL Tunnel, the following Brigades :-

86th ARMY Brigade R.F.A..
104th ARMY Brigade R.F.A..
290th Brigade R.F.A..
291st Brigade R.F.A..

will move into positions from which they can effectively cover the Provisional S.O.S.M shown in para. 5.
In action, Brigades will be Superimposed as follows :-

<u>104th ARMY Brigade R.F.A.</u>	Over the 11th Aust. F.A. Brigade Provisional S.O.S. Line.
<u>86th ARMY Brigade R.F.A.</u>	over the 108th ARMY Bde. R.F.A. Provisional S.O.S. Line.
<u>290th Brigade R.F.A.</u>) <u>291st Brigade R.F.A.</u>)	Over the 10th Aust. F.A. Brigade Provisional S.O.S. Line.

Brigade Commanders will wire arrival in new positions to D.A.H.Q..

8. H.A. :-

Separate orders are being issued to 85th Brigade R.G.A. (Lieut.-Col. RIDDLE, D.S.O.) as to special task after termination of Protective Barrage on GREEN LINE.

9. ACKNOWLEDGE.

J. J. Harp
Major,
Brigade-Major,
4th Aust. Divisional Artillery.

Issued to Signals at
7.30 p.m.

TENTH AUSTRALIAN FIELD ARTILLERY BRIGADE.

Headquarters,

28th. September 1918.

ORDER No. 4.

REFERENCE 4th. AUST. D. A. INSTRUCTION No. 9.

PARA 3 C.

This barrage will be carried out by 110th. Howitzer Battery as detailed in LEFT GROUP Order No. 3.

PARA 5 E.

Ten Engineers will be placed at the disposal of Each Battery.

PARA 6.

The C. C., 37th. Battery will detail an Officer to report to this Headquarters when notified. He will be responsible that the other Batteries receive the correct time and any orders which are entrusted to him.

Batteries will send Officers with watches to 37th. Battery on receipt of Code Word "NOW".

ACKNOWLEDGE BY WIRE.

C. P. ...

Lieut. & A/Adjutant.

For C. C. 10th. Aust. Field Artillery Brigade.



TENTH AUSTRALIAN FIELD ARTILLERY BRIGADE.

Headquarters,

29th. September 1918.

ORDER No. 6.
-----REFERENCE ADDENDUM No. 1 to 4th. AUST. DIV. ARTILLERY
INSTRUCTION No. 9. PARA 5.The Division of the provisional S. O. S. Line will be
as follows -

39th. BATTERY	S 13 b 30 00 - S 14 a 35 27
37th. BATTERY	S 14 a 35 27 - S 14 b 70 27
38th. BATTERY	S 14 b 70 27 - S 15 b 00 30
110th. BATTERY	Superimposed 200 yards North of this Line within the Brigade Boundaries.

B. Cs. will ensure that there is an overlap of
50 yards. *on each flank*

ACKNOWLEDGE.

C. J. Spurr
Lieut. & A/Adjutant.
For C. O. TENTH AUST. FIELD ARTILLERY BRIGADE.

TENTH AUSTRALIAN FIELD ARTILLERY BRIGADE.

Headquarters,

ORDER No. 5.

28th. September 1918.

REFERENCE 4th. D. A. INSTRUCTION No. 9 to Order 202, Paras
4 (A) and 5 (A) and (C).

1. 105 Reg. U. S. A. Infantry is exploiting to the N. E. reaching
Line Marked FLANK EXPLOITATION OF GREEN LINE at about 11 A. M.
The exploitation will be done by 3 Battalions.
2nd. on the LEFT - 1st. in the CENTRE - 3rd. on the RIGHT.
2. The 10th. A. F. A. Brigade will closely support the 2nd. Battalion
(Commander, Captain McARTHUR).
The Boundaries of the 2nd. Battalion on the East are Road running
South from S 21 a 9 9 to S 21 a 3 5 thence to S 27 a 9 4.
On the North to Red Exploitation Line. On the West the Canal.
The HINDENBURGH LINE may be engaged up to 11 A. M. thence
targets as they appear along edge of Village of Putney or
canal.

The Battalion Commander expects to be at Circle of Trees at
A 4 c 0 9 about 11 A. M.
3. The O. C., 38th. Battery will send forward an Officer's Patrol and
endeavour to keep touch with the Battalion Commander in view
of moving Guns up to support the 2nd. Battalion.
4. Regimental Report Centre will be at THE KNOB in A 9 b.
5. The C. O. 105th Regimental Commander will move from F 21 a 8 4 to
Duncans Post (F 17 d 85 55) thence to the KNOB in A 9 b.
6. B. H. Q. will remain at QUID POST (F 10 c 45 46) for the present
Batteries will be advised when a move up is intended.
7. Special attention of B. Cs. is directed towards VENDHUILE and
high ground on LEFT FLANK. Special Artillery can be brought
to bear on these places should it appear necessary.
8. ACKNOWLEDGE.

Mill

Lieut. Colonel.

Commanding, 10th. Aust. Field Artillery Bde.

FOURTH AUSTRALIAN DIVISIONAL ARTILLERY

4th AUSTRALIAN DIVL. ARTILLERY.	
No.	9/355
Date	

Headquarters
28th September 1918.

SECRET.

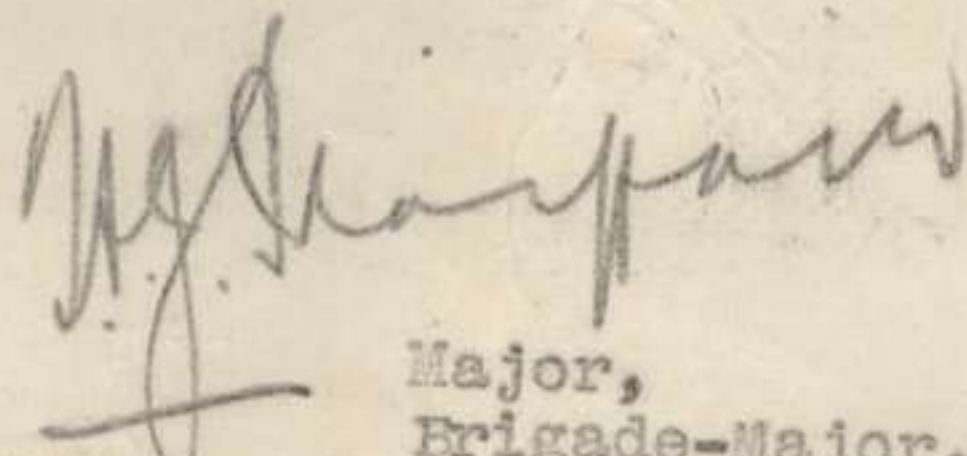
RIGHT Group,
CENTRE Group,
LEFT Group,
3rd ARMY Aust. F.A.Bde.

In the event of the assaulting troops on "Z" day not being on the infantry start line, the rate of lifts in the creeping barrage may be altered.

If this is required the following wire will be sent from this Office - " ADOPT S/355 ".

On receipt of this message all 3 minute lifts in the barrage will be converted into 4 minute lifts.

ACKNOWLEDGE



Major,
Brigade-Major,
4th Australian Divisional Artillery.



FOURTH AUSTRALIAN DIVISIONAL ARTILLERY. No. C 5/106.

S E C R E T.

HEADQUARTERS,
28th Sept. 1918.

- RIGHT Group
 - LEFT Group.
 - CENTRE Group.
 - 3rd ARMY Bde. A.F.A..
-

With reference to INSTRUCTION No. 9 issued under 4th Aust. D.A. ORDER No. 202.

"Z" DAY will be 29th September 1918
ZERO HOUR will be 5.50 a.m..

SYNCHRONISATION will take place at -

- | | | |
|--------------------------------|---------------|----------------------|
| 3rd ARMY Bde. Aust. F.A. Hqrs. | at 11 p.m. |) on <u>28/9/18.</u> |
| CENTRE Group Headquarters | " 11.20 p.m.. | |
| RIGHT Group Headquarters | " 11.45 p.m. | |

ACKNOWLEDGE.

[Handwritten Signature]

Major,
Brigade-Major,
4th Aust. Divisional Artillery



FOURTH AUSTRALIAN DIVISIONAL ARTILLERYSECRET.

ADMINISTRATIVE INSTRUCTION No. 58.

Headquarters
28th September 1918.

1. The forward A.R.P. (F 21 c 1 8) will be taken into use at ZERO plus 215 minutes by the following Brigades :-
- 10th Aust. F.A. Brigade
11th Aust. F.A. Brigade
108th Brigade R.F.A.
290th Brigade R.F.A.
291st Brigade R.F.A.
86th Brigade R.F.A.
104th Brigade R.F.A.
2. O.C., SOUTHERN A.R.P., will establish himself with the dump parties of the above Brigades at the forward A.R.P. at ZERO plus 60 minutes, in readiness to receive motor lorries.
3. 4th Aust. D.T.M.O. will arrange to take over SOUTHERN A.R.P. at ZERO minus 60 minutes, and with the remaining personnel (110th and 112th Bdes) will ensure the vacated dump is organised to facilitate the removal of ammunition and empties.

4. ACKNOWLEDGE.

Amade
Captain,
Staff Captain,
4th Australian Divisional Artillery.

DISTRIBUTION -

As for A.I. No. 57, plus 4th Aust. D.T.M.O.

* * *

APPENDIX

LEFT GROUP - AUSTRALIAN FIELD ARTILLERY.

Headquarters,

28th. September 1918.

ORDER No. 8.LIAISON AND O. P. DUTIES.

1. On receipt of this Order the C. O., 11th. Aust. Field Artillery Brigade will detail an Officer to act as REGIMENTAL LIAISON OFFICER. REGIMENT and Location already known.
2. The C. O., 112th. BRIGADE R. F. A. will continue to effect Liaison with CENTRE BATTALION, as detailed in S/53 of todays date.
3. C. O., 37th. Battery will detail a Subaltern Officer to relieve Lieut. Burke at LEFT BATTALION Headquarters. Location will be obtained from 110th. Howitzer Battery.
4. These Officers will be provided with the following personnel and material.
REGIMENTAL LIAISON OFFICER.
 - 2 Telephonists.
 - 1 Runner.
 - 1 Duzzer Phone.BATTALION LIAISON OFFICERS.
 - 2 Telephonists.
 - 1 Linesman
 - 2 Runners.
 - 2 Duzzer Phones and wire.
5. Liaison Officers will keep GROUP Headquarters constantly informed of the Situation.
112th. BRIGADE R. F. A. will keep in touch with their Battalion Liaison Officer by phone and will forward information gathered to this Headquarters.
6. ALL O. Ps. will be manned and information gleaned sent to this Headquarters at once. Negative information will be sent.

Liaison Officers will report back to their Units after
ZERO plus 215.

ACKNOWLEDGE

E. J. Shubbin
FOR C.O. LEFT GROUP.

“A” Form
MESSAGES AND SIGNALS.

Army Form C. 2121
(In pads of 100.)

Prefix.....Code.....m.	Words	Charge.	No. of Message.....
Office of Origin and Service Instructions	This message is on file of:		Recd. at.....m.
SPECIAL D.R..	Sent		Date.....
SECRET	At.....m.	Service.	From.....
	To.....		By.....
	By.....	(Signature of "Franking Officer")	
TO: 10 th Aust Fd Bde			
Sender's Number. A/ 401	Day of Month. 29th	In reply to Number.	AAA

The 11th Aust. Inf. Brigade intends to move across the Div. front from A 26 and mop up the area W. of GREEN LINE objective. AAA

The 104th ARMY Brigade R.F.A. is provisionally detailed to support the 11th Aust. Inf. Brigade and is placed under the orders of C.R.A. 3rd Aust. Div. for this operation.

C.O. 104th ARMY Bde. R.F.A. will immediately report to G.O.C. 11th Aust. Inf. Brigade F 28 a 3 8 and communicate from there by phone to C.R.A. 3rd Aust. Div. (Hqrs. F 26 c 8 8). AAA ACKNOWLEDGE.

Addressed 104th ARMY Bde., 10th Aust. F.A. Bde., 11th Aust. F.A. Bde., 290th ARMY Bde. R.F.A., 291st ARMY Bde. R.F.A., 86th ARMY Bde. R.F.A., 110th and 112th Bdes. R.F.A.. Reptd. 3rd Aust. D.A..

From	
Place	4th Aust. D.A..
Time	4.55 p.m..
The above may be forwarded as now corrected.	
Censor.	(Z)
Signature of Addressor or person authorised to telegraph in his name	
Major, B.M..	

T/9.

ISSUED DOWN TO DIVISIONS
(for distribution down to Battalions and Batteries.)**NOTES ON RECENT FIGHTING No. 19.**

(ISSUED BY THE GENERAL STAFF.)

**ATTACK CARRIED OUT BY THE AUSTRALIAN CORPS NEAR HAMEL
ON THE 4th OF JULY, 1918.**

1. The objectives of this attack were Hamel, Hamel and Vaire Woods, and the high ground east of these localities.

The total frontage to be attacked was approximately 6,000 yards, increasing to 7,500 yards on the farthest objective, the greatest depth being 2,500 yards. Two and a half brigades of infantry (10 battalions) and five companies of tanks (60) were detailed to carry out the attack.

A course of combined training between tanks and infantry had been carried out prior to the operation. This proved of great value.

Surprise was of the essence of the scheme. No movement of troops even in back areas was allowed except by night, and the artillery arrangements were so planned as to ensure that the final preparations should not arouse the enemy's suspicion on the day of attack. The enemy was carefully "educated" beforehand with this end in view.

2. It was decided to carry out the operation as a direct advance of tanks and infantry without preliminary bombardment, the tanks preceding the infantry under cover of the field artillery creeping barrage, with a heavy artillery barrage moving ahead. Tank units were to come under the orders of the infantry commanders for the specific operations for which they were detailed. One battalion in each case was ordered, each with its own body of tanks, to clear up Vaire wood and Hamel, while the troops detailed for the final objective were to pass round these areas and move straight to their allotted places.

3. At zero - 8 (3.2. a.m.) the normal harassing fire was opened, a proportion of smoke being used, and at the same time the tanks moved forward to the infantry line.

At zero (3.10. a.m.) the infantry, which was formed up in four waves aligned on tapes, attacked with the tanks under cover of the barrage. At this time there was just sufficient light for friend to be distinguished from enemy at about 20 yards distance. Once clear of danger from the enemy's artillery the two leading waves opened out to 50 yards distance, the remaining waves assuming artillery formation. The infantry units detailed for the purpose, each with its complement of tanks, cleared up the main centres of resistance, while other infantry and tanks enveloped these centres and pushed on to the final objectives. These objectives were reached by 5 a.m.

4. The position of the tanks in relation to the infantry varied according to the nature of the ground and the opposition encountered. The hostile infantry did not offer much resistance, except at Pear trench, where the garrison fought with determination and was eventually destroyed by our troops either with bombs or at the point of the bayonet. The enemy's machine gunners fought very stubbornly, hostile machine guns and detachments being in several cases run over and destroyed by our tanks.

In cases where a tank was not available, the infantry was able to clear up hostile machine gun nests by good co-operation between Lewis guns, rifle grenades, and rifles. In several cases it was found that one of the guns of the Lewis gun section, carried on a sling and fired from the hip, afforded sufficient covering fire for the other gun of the section to come into action effectively against these nests.

The R.A.F., in addition to its other duties, transported S.A.A. to the infantry and the machine guns, dropping it at prearranged points or in answer to signals from the ground.

The tanks proved of great value in protecting the flanks of the attack. Tanks detailed for the right flank had severe fighting and did great execution; those detailed to support the battalions passing round Vaire and Hamel Woods and Hamel village guarded the inner flank while this manœuvre was carried out.

The fighting tanks carried S.A.A. and water for the infantry. Supply tanks were also utilized, and delivered loads of R.E. supplies and ammunition within 500 yards of the final objective shortly after its capture.

5. The procedure adopted for siting reinforcing artillery was as follows:—The batteries already on the front (less 1 section each) moved to forward positions during the four nights prior to the attack. They remained silent until zero, while normal fire was maintained by the sections left in the old positions. These sections moved up on the night before the attack. The reinforcing units occupied the positions vacated on corresponding nights.

6. The success of the operation was largely due to the secrecy with which it was prepared. Every precaution was taken not only to deceive the enemy and to do nothing to arouse his suspicions, but also to prevent our own troops from knowing that an attack was intended.

The value of tanks in assisting infantry to advance was conclusively proved. The success achieved was, however, also largely due to the determination of the infantry and to the able tactical handling of platoons. The infantry fought its way forward making full use of its own weapons, even when the co-operation of other arms was not available.

It is important, in drawing deductions from this action, to bear in mind the local and special conditions, especially the high moral of the infantry, the fact that there was not much wire, that the ground was suitable for the action of tanks, and that the objective was strictly limited, and within the effective fire of the field and heavy artillery as sited for the attack.

7. The following points with regard to the employment of artillery, machine guns and tanks deserve attention:—

(i.) Artillery preparation and action in any operation of this kind must not be on stereotyped lines, but must be worked out to meet each particular operation.

(ii.) The operation was entirely successful, although there was only one gun to 25 yards firing in the creeping barrage.

(iii.) The necessity for powerful counter-battery work on the flanks was again emphasized.

(iv.) Machine guns opened a slow rate of fire on their S.O.S. lines in order to cover the consolidation of the infantry. A useful alternative method of employment is for machine guns to open fire at intervals upon covered lines of approach and possible places of assembly.

(v.) The value of tanks in dealing with hostile machine guns and as carriers of S.A.A., water, and R.E. stores, was fully demonstrated.

(vi.) In a combined operation between infantry and tanks, zero hour must be chosen so that there is sufficient light to enable the tanks to see their way, and to use their weapons effectively; otherwise they are apt to miss their direction and be drawn off their objective. This is especially important when tanks are to precede the infantry.

5th of August, 1918.

[S.S. 737.]

Ia/54182.

TRANSLATION OF A GERMAN DOCUMENT.

WYTSCHAETE GROUP,
Section Ic.

July, 1918.

INSTRUCTIONS AND RULES OF GUIDANCE FOR THE CONDUCT OF EVERY GERMAN SOLDIER WHO IS TAKEN PRISONER.

(Not to be taken into the Front Line.)

*To be issued to the Rank and File by Companies for perusal, then
collected again and filed by Regimental Staffs for occasional re-issue
and collection.*

For a man to allow himself to be taken prisoner by the enemy without having defended himself to the utmost is a dishonourable act equivalent to treachery.

Capture at the hands of our inhuman foes, in view of their unexampled brutality of treatment, which is now proved beyond question in so large a number of cases, merely means being slowly tortured to death.

Should, however, a man be captured in spite of all his bravery and without its being his fault, even then the soldier still has sacred duties towards his comrades, towards his Commander-in-Chief to whom he took the oath of fealty, and towards his country. It is an easy duty for him to fulfil; he has only to preserve in his captivity the same courage which he has so often shown in the face of the enemy. The first thing suggested to prisoners in the enemy's camp, after their confidence has been gained by stimulating drinks and the best of fare, is nothing less than the betrayal of their country. Afterwards, when the object is attained, follows the usual meagre prisoners' fare and hard work, with the most brutal treatment.

A prisoner is submitted to an examination in which, by cleverly framed questions, insincere promises, or even by threats of every kind, attempts are made to cause him to give away military secrets, such as the order of battle, the strength with which a front is held, intentions and plans for attack, measures for defence, concentrations or movements of troops, the exact condition of his own unit, strength of units, events taking place behind the front and in Germany, rest billets of his comrades and other matters.

It is regrettable that this war has provided many instances where the statements of a man *without honour*, which unfortunately have often been only too accurate, have been proved to have had disastrous effects for *his own comrades*. How many brave soldiers have lost their lives through this cause?

The success of our attacks and enterprises is also imperilled in this way, and the successful issue of the war may thus be to a great extent jeopardized, and the whole Fatherland receive the gravest injury.

It is just now, at the decisive point of the final struggle, that every soldier must feel more than ever the shame and infamy of such unprincipled conduct.

Again and again do prisoners captured by *us* give confirmation of the fact that those German soldiers, no matter to which State they belong, who allow themselves to be pressed under examination into making all kinds of statements, in the idea that they will receive better treatment, have had afterwards a much harder time than those who refused to say anything. For even among our enemies, the soldier who consciously betrays his country and puts his own comrades in danger ranks as a man without honour.

On the other hand, even the enemy invariably respects the German soldier who remains steadfast and refuses to make statements, even in the face of threats, or by a clever answer makes from the start all further questioning useless. Thus, Private Wiegand, of the 3rd Company, 60th Infantry Regiment, who pleaded his soldier's oath and refused to make any statements, received full recognition in the Army Orders of the enemy.*

* NOTE BY G.S.I.—Further reference to this incident is contained in the following extract from an order issued by the Second German Army on 16-4-18:—

"2. Amongst the documents captured from the enemy, there is a report, dated 10th August, 1917, of the examination of Private Wiegand, 3rd Company, 60th Infantry Regiment, 121st Division, which, literally translated, runs as follows:

'The prisoner, a Roman Catholic, stated that on entering the German Army he had taken an oath that, in the event of his being taken prisoner, he would give no information of any kind whatsoever which might endanger the safety of his comrades. *His attitude commanded respect and is completely in accordance with the best traditions of military honour.* As a matter of fact, no information of any kind could be obtained from the prisoner, who is 19 years of age.'

"This splendid example of soldierly conduct under imprisonment should be published to the troops, especially as several other records, also captured from the enemy, concerning the examination of German prisoners, contain precisely such statements (*e.g.*, as to billets for troops, battle H.Q., communication trenches, etc.) which are calculated to endanger the lives of comrades in a high degree.

"In view of the above-cited example, it should be continuously impressed upon troops that under examination only the name, and nothing further, need be given to the enemy, and that a prisoner who declines to make any further statement not only does not render his fate worse, but on the contrary exacts respect from the enemy."

[P.T.O.]

If questions are asked about military or other dangerous subjects, there are many answers by which a man can escape further questions or at any rate parry them, *e.g.* :—

“Only joined the unit a few days ago as a reinforcement.”

“Just back from leave.”

“Have been sick in quarters, or have just come out of hospital a few days ago and therefore have no information.”

“Was on special duty (forestry, collieries, road construction, production of trench materials, etc.).”

“Accommodation under canvas in a wood, the name and exact location of which I cannot give. Have observed nothing there. Have seen no other troops beyond men of the detachment, or any artillery positions: have seen no transport to or from batteries or single guns, or movements of troops.”

If further questions are asked, always repeat the same answer: “I was not there”: “I do not know”: “Am not acquainted with the sector”: “Do not know the flanking units”: “Have seen no artillery, as visiting artillery positions is strictly forbidden”: “Do not know the positions of sentries or machine guns, or their number”: “Know of no plans for attack”: “Know nothing of the relief of the Division”: “Do not know the lines of approach to and departure from the position, as I went in at night”: “No work of any consequence in progress in the trenches or behind the front”: “Trenches, rations and *moral* good.”

It is naturally no less important to be circumspect in conversation with countrymen or fellow-prisoners in the camp later on, and not to tell them the *opposite* story to that told shortly before at the cross-examination.

Never forget that a prisoner is subject to continual observation and eavesdropping. In many cases, he is even pumped without being aware of the fact by confidential agents (his own countrymen, who have taken on themselves this despicable rôle). Further, *it is of the greatest importance* that every soldier should burn all letters and other written communications immediately after he has read them; by so doing, he renders a great service to himself and to his country. Should he have any special interest in these letters, he can send them home again or tie them up in a parcel and hand them in to the company orderly room, which, provides for their safe keeping.

It will thus be impossible for the enemy to receive or confirm any information by means of letters, note-books, or more particularly diaries and address-books.

Even long after capture, in the prisoners of war camp behind the front or in the labour camp, there are still dangers of many kinds which threaten the unwary man. *Seeming* comrades come up to him confidentially and induce him to relate his recent experiences, and ply him with questions; these men are naturally acting under the enemy's orders, according to precise instructions. The seeming comrades are simply members of the enemy forces who speak good German and are put into German uniform (often even in German officer's uniform). Therefore, use the greatest caution in conversation; if you have no previous knowledge of the man in question, give him no information about military affairs, say nothing about home circumstances, and tell him none of your experiences; your lot will not be improved by doing so.

Beware of the so-called senior N.C.O.s of the camp, or of quartermasters and such men apparently Germans, as are responsible for your comfort in camp, and receive complaints and requests.

When talking in camp, dormitory or mess-room, speak only in a low voice, *for walls have ears!* Everywhere an apparatus is installed by which every word is heard, even through the thickest walls, and is written down and afterwards turned to account. In a word, even a prisoner must never forget that he is a German and that even he can still bear his part in helping to win victory over the enemy.

A warning in conclusion.

Our enemies, in their examinations of prisoners, usually record the name of the man examined; even where this is not the case, we on our side can always ascertain from the records of the platoon, company and regiment, together with the date, hour and place of capture, who the prisoner was who made the statement in question. If such an examination, containing matter damaging to us, falls into our hands, criminal proceedings will invariably be instituted against the man who has forgotten duty and honour; this entails in the first instance great unpleasantness for his relatives (parents, brothers, sisters, wife and child), and apart from this, after the war, the heaviest penalties for himself. There is no question of a remission of punishment or amnesty for such traitors, any more than for deserters. They and their names are branded, their home and property lost for ever!

(Translation ends.)

Note by General Staff.

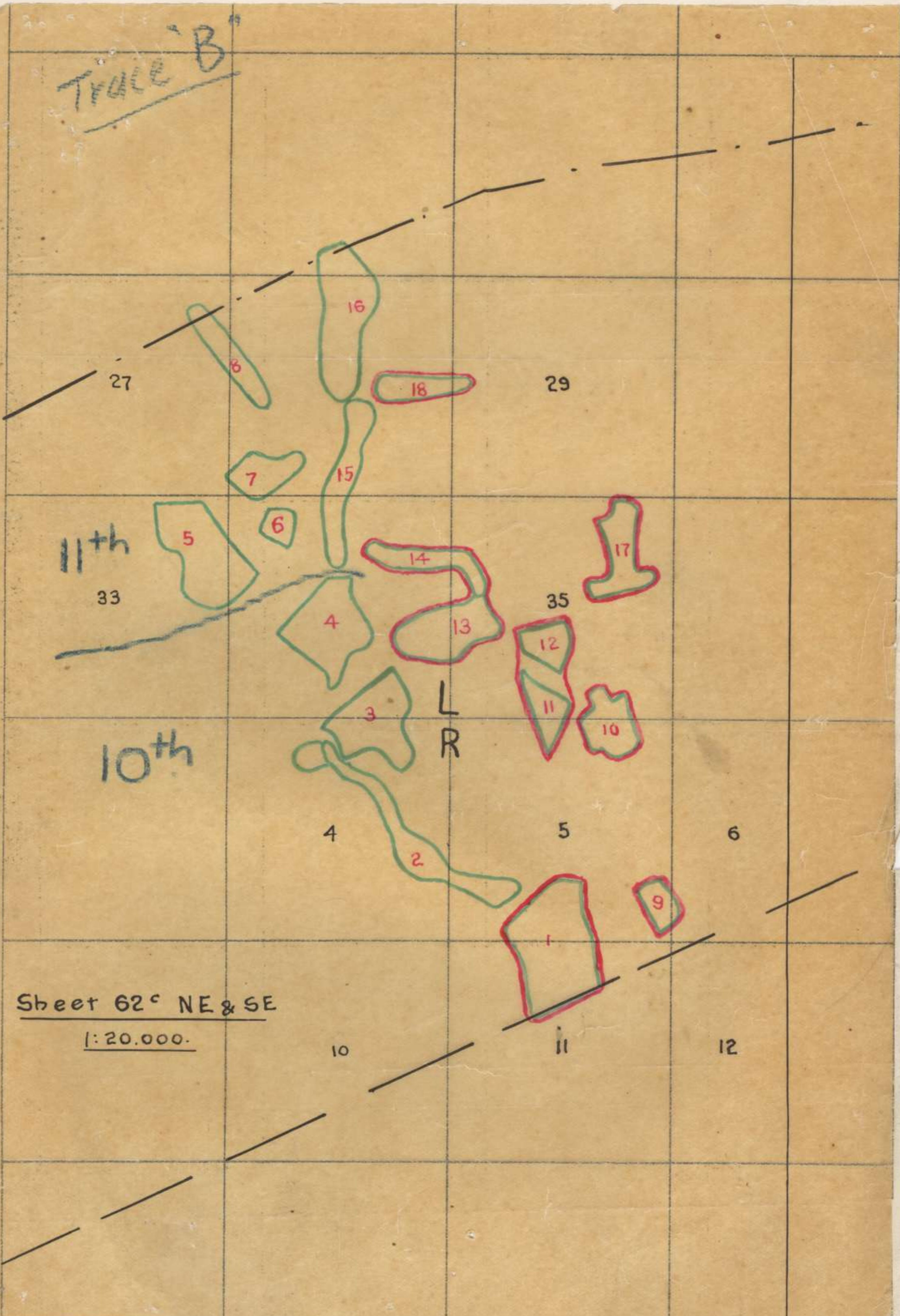
The above document calls for no comment. It is obvious that the Germans, in their efforts to extract information, will apply to Allied prisoners every one of the methods against which they warn their own soldiers. This German document should be read in conjunction with G.R.O. No. 4791 and S.S. 730, “Leakage of Information through Prisoners of War.”

GENERAL STAFF (INTELLIGENCE),
GENERAL HEADQUARTERS.

2nd September, 1918.

Issued down to Battalions.

TRAIL 'B'

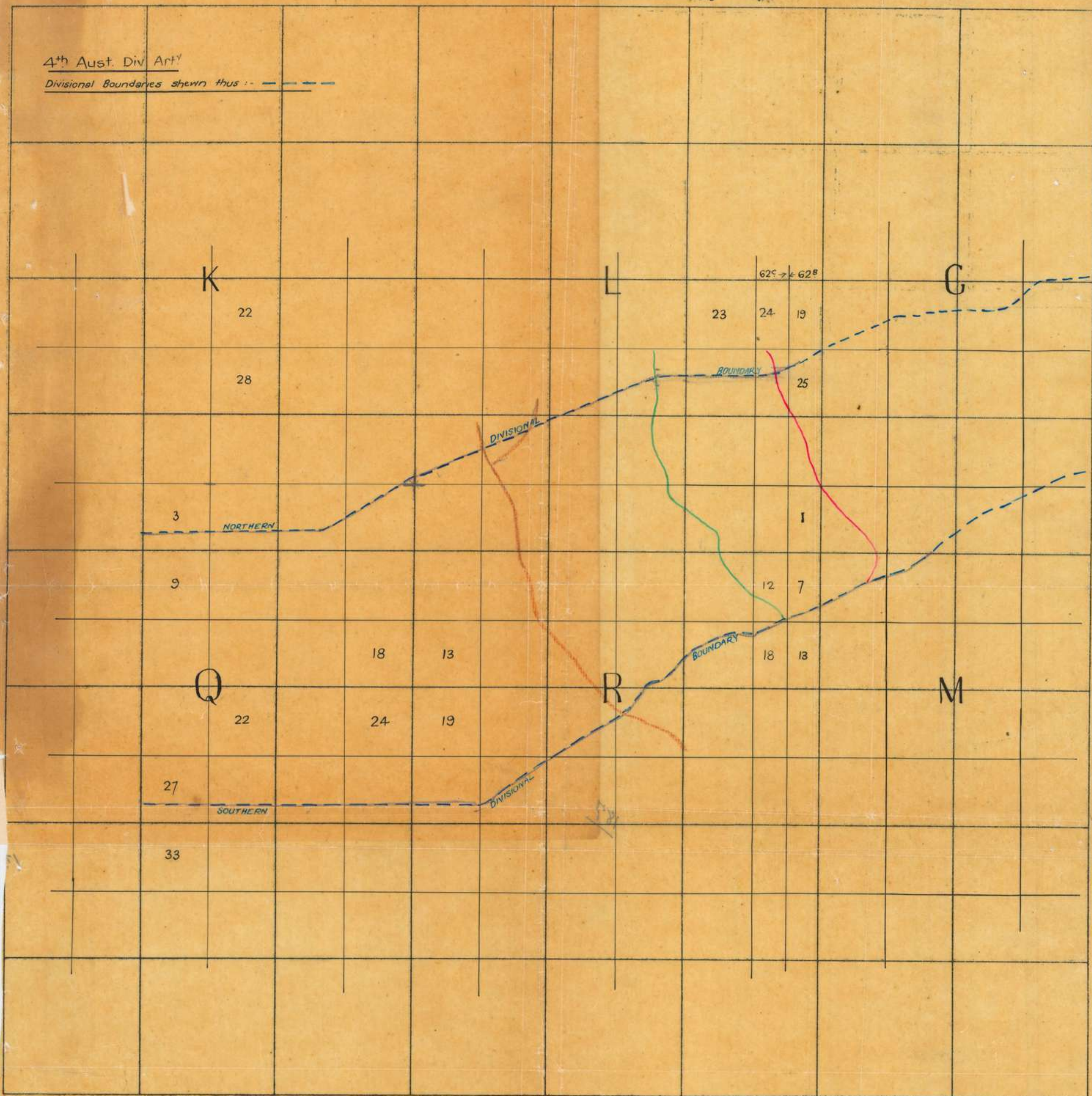


Sheet 62° NE & SE
1:20,000.

Identification Trace for use with Artillery Maps. TRACE XA

4th Aust. Div Art^y

Divisional Boundaries shown thus: - - - - -



NOTE.—(1). These traces are intended to facilitate the communication of information as to the position of targets, which have been located on a squared map.
 (2). The squares on this trace are 900 yards in length on the 1/10,000 scale, 1,000 yards in length on the 1/20,000 scale, and 2,000 yards in length on the 1/40,000 scale.
 (3). The squares on the trace are fitted to the squares of the map showing the targets, which are then drawn on the trace. Sufficient letters and numbers must also be added to enable the recipient to place the trace in the correct position on his own map. A little detail may also be traced, but this is not essential. The name and scale of the map to which the trace refers must be always given. The trace can be used for the 1/10,000, 1/20,000, or 1/40,000 scale.

G.S.G.S. 3025.

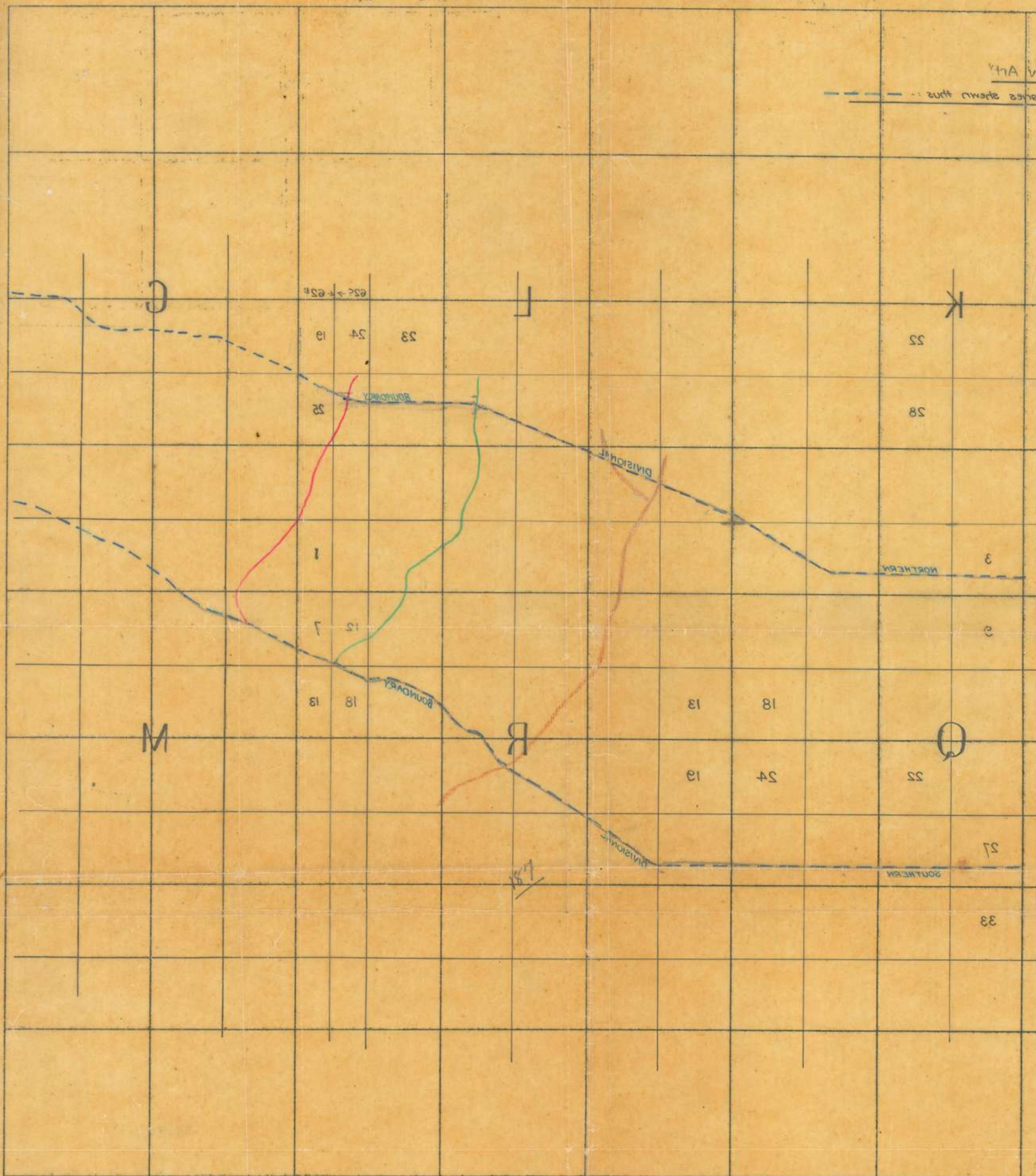
Tracing taken from Sheet ^{62^B}/₂ 62^C (1/40,000)

of the 1:..... map of.....

Signature..... Date 187

10a

Identification Trace for use with Artillery Maps. TRACE XA



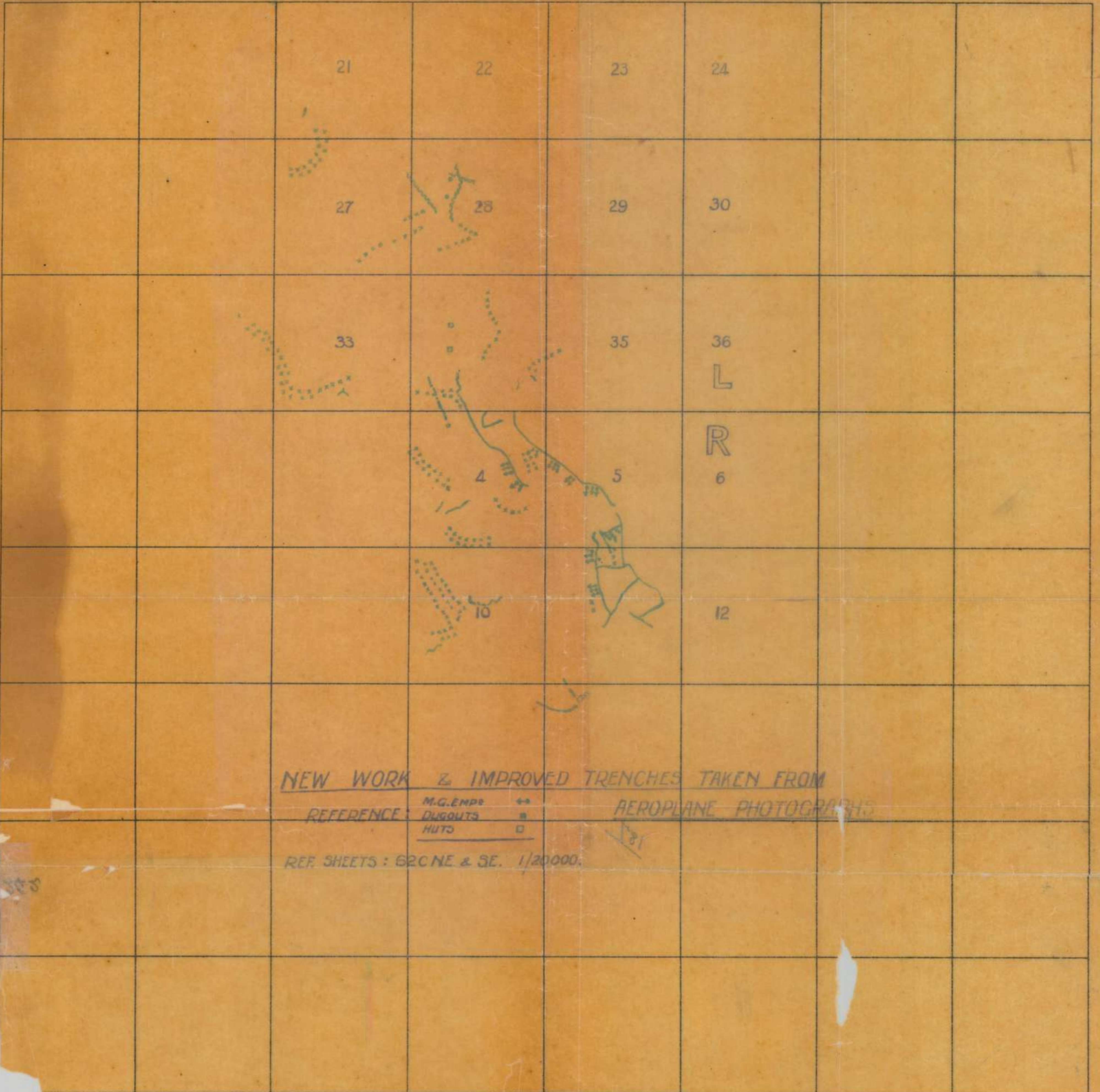
G.S.G.S. 2032.

NOTE—(1) These traces are intended to facilitate the communication of information as to the position of targets, which have been located on a squared map.
 (2) The squares on this trace are 800 yards in length on the 1:10,000 scale, 1,000 yards in length on the 1:20,000 scale and 2,000 yards in length on the 1:40,000 scale.
 (3) The squares on the trace are fitted to the squares of the map showing the targets, which are then drawn on the trace. Sufficient letters and numbers must be added to enable the recipient to place the trace in the correct position on the map. A little detail may also be traced. The name and scale of the map to which the trace refers must be always given. The trace can be used for the 1:10,000, 1:20,000, or 1:40,000 scale.

Signature: _____ Date: _____
 map of _____ of the _____
 Tracing taken from Sheet: _____ (1:40,000) _____

Trace "K.C."

Identification Trace for use with Artillery Maps.



NOTE.—(1). These traces are intended to facilitate the communication of information as to the position of targets, which have been located on a squared map.
 (2). The squares on this trace are 500 yards in length on the 1/10,000 scale, 1,000 yards in length on the 1/20,000 scale, and 2,000 yards in length on the 1/40,000 scale.
 (3). The squares on the trace are fitted to the squares of the map showing the targets, which are then drawn on the trace. Sufficient letters and numbers must also be added to enable the recipient to place the trace in the correct position on his own map. A little detail may also be traced, but this is not essential. The name and scale of the map to which the trace refers must be always given. The trace can be used for the 1/10,000, 1/20,000, or 1/40,000 scale.

G.S.G.S. 3025.

Tracing taken from Sheet

of the 1:..... map of

Signature

Date 187

187 AN OF ADVANCE

Showing Successive Areas, Distribution & Final Grouping.

- 10th Aust. F.A. Bde : (Blue) ●
- 11th Aust. F.A. Bde : (Red) ●
- 6th Army Bde - Aust. F.A. : (Green) ●
- 12th Army Bde - Aust. F.A. : (Brown) ●

Superimposed Group.

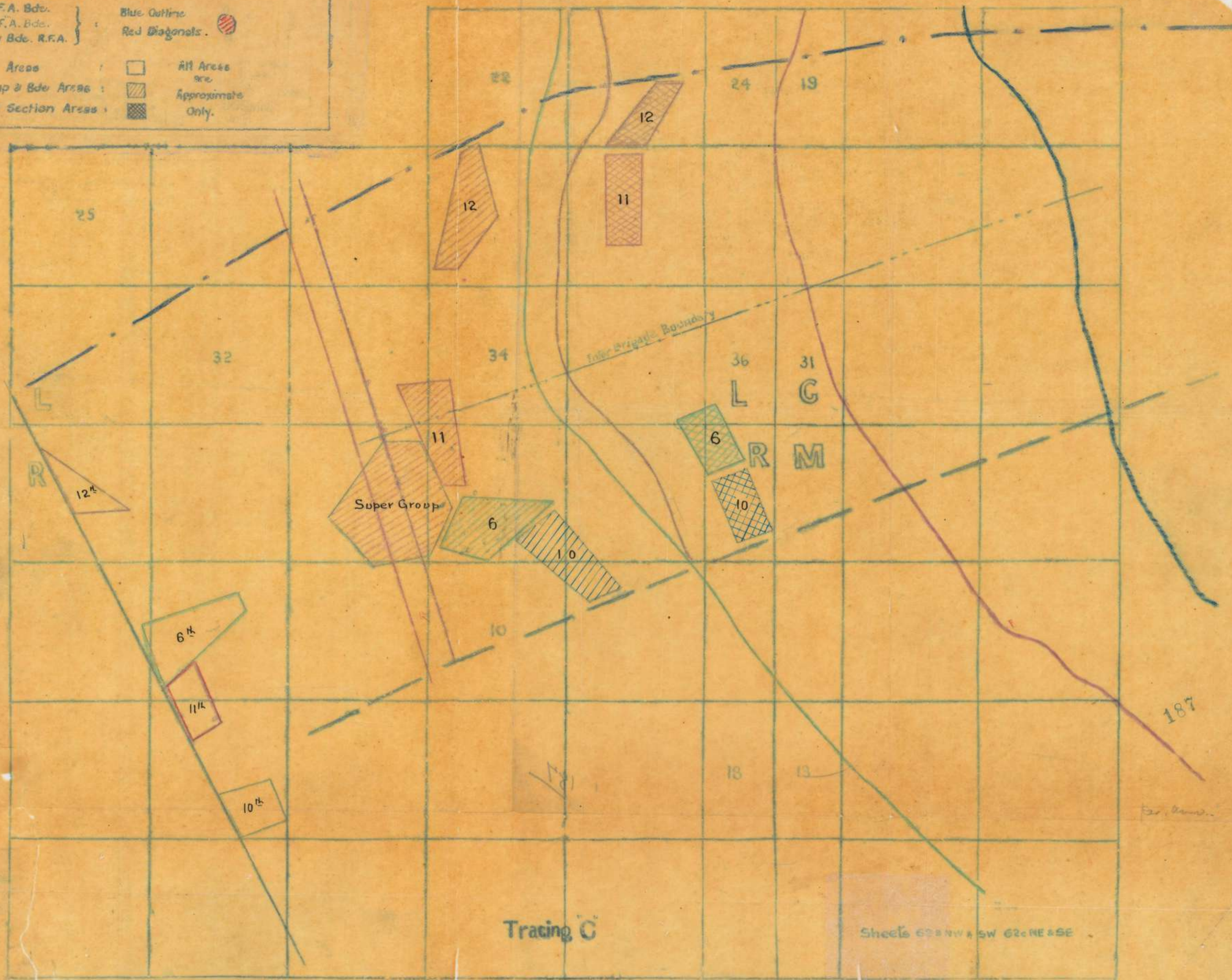
- 13th Aust. F.A. Bde. } Blue Outline
- 14th Aust. F.A. Bde. } Red Diagonals.
- 282nd Army Bde. R.F.A. }

- "Barrage" Areas : □ All Areas are
- Final Group & Bde Areas : ▨ Approximate
- Advanced Section Areas : ▩ Only.

APPENDIX

AWM4
13/37/26 pt 3.

243



Tracing C

Sheets 628 NW & SW 629 NE & SE

LEGEND

- Corps Boundary
- Divisional
- Inter Brigade
- First Objective
- Second
- Exploitation Line
- Artillery Start Line
- Infantry Taped Line
- Halt

24 19

22

28 31

Superimposed
Artillery Area

12th

6th

11th

10th

FRONT

38th
37th & 110th
39th

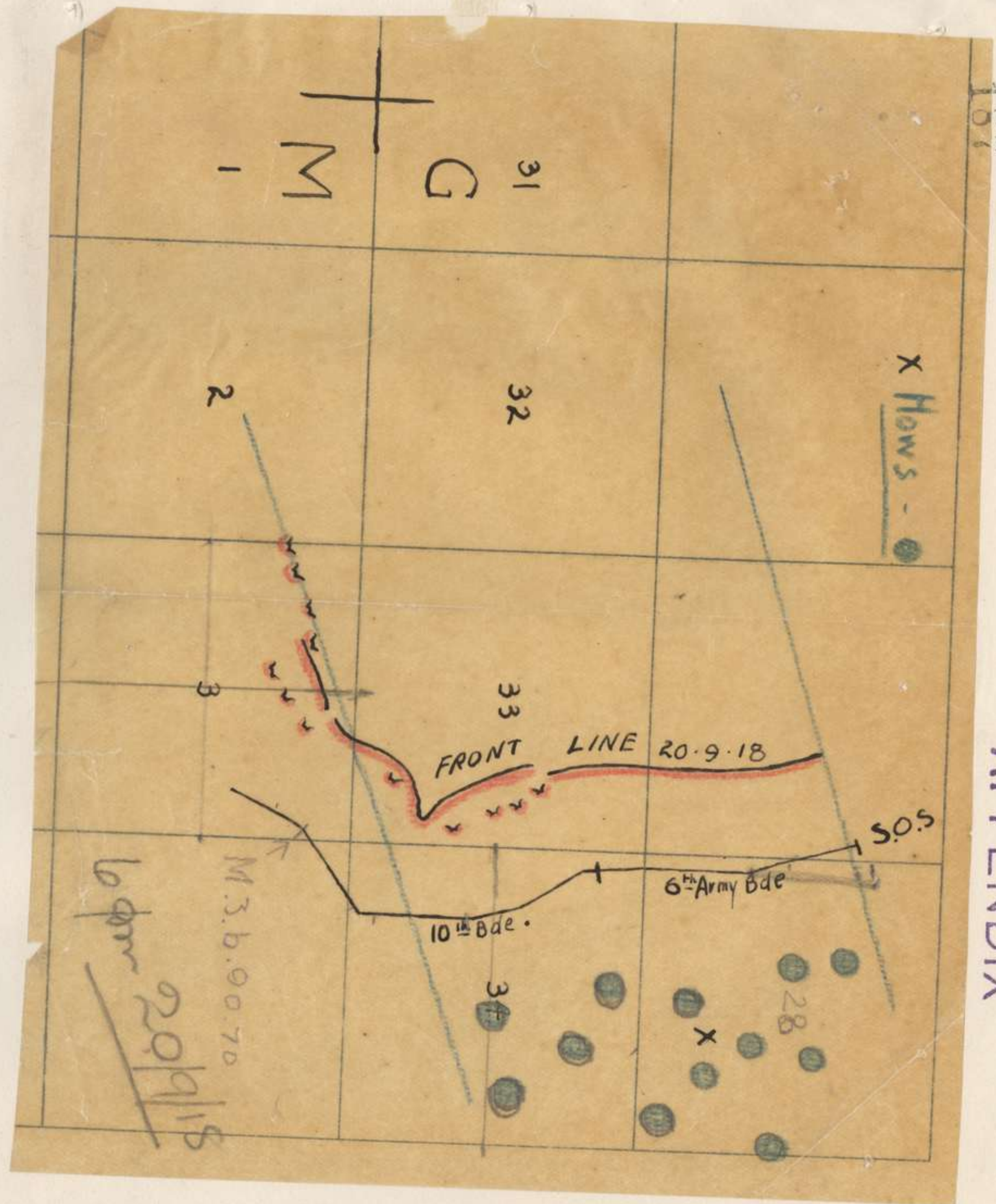
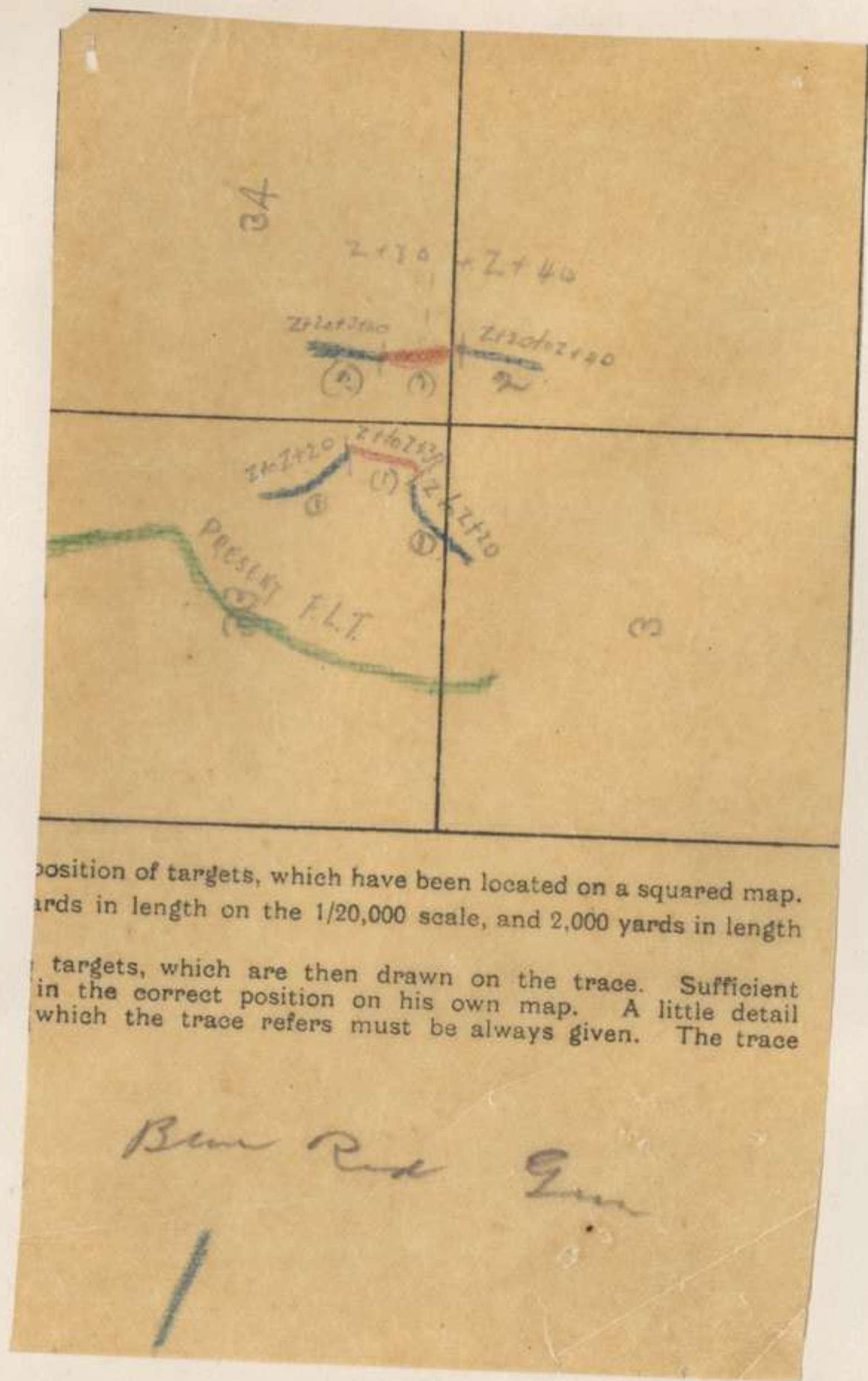
11th Bde

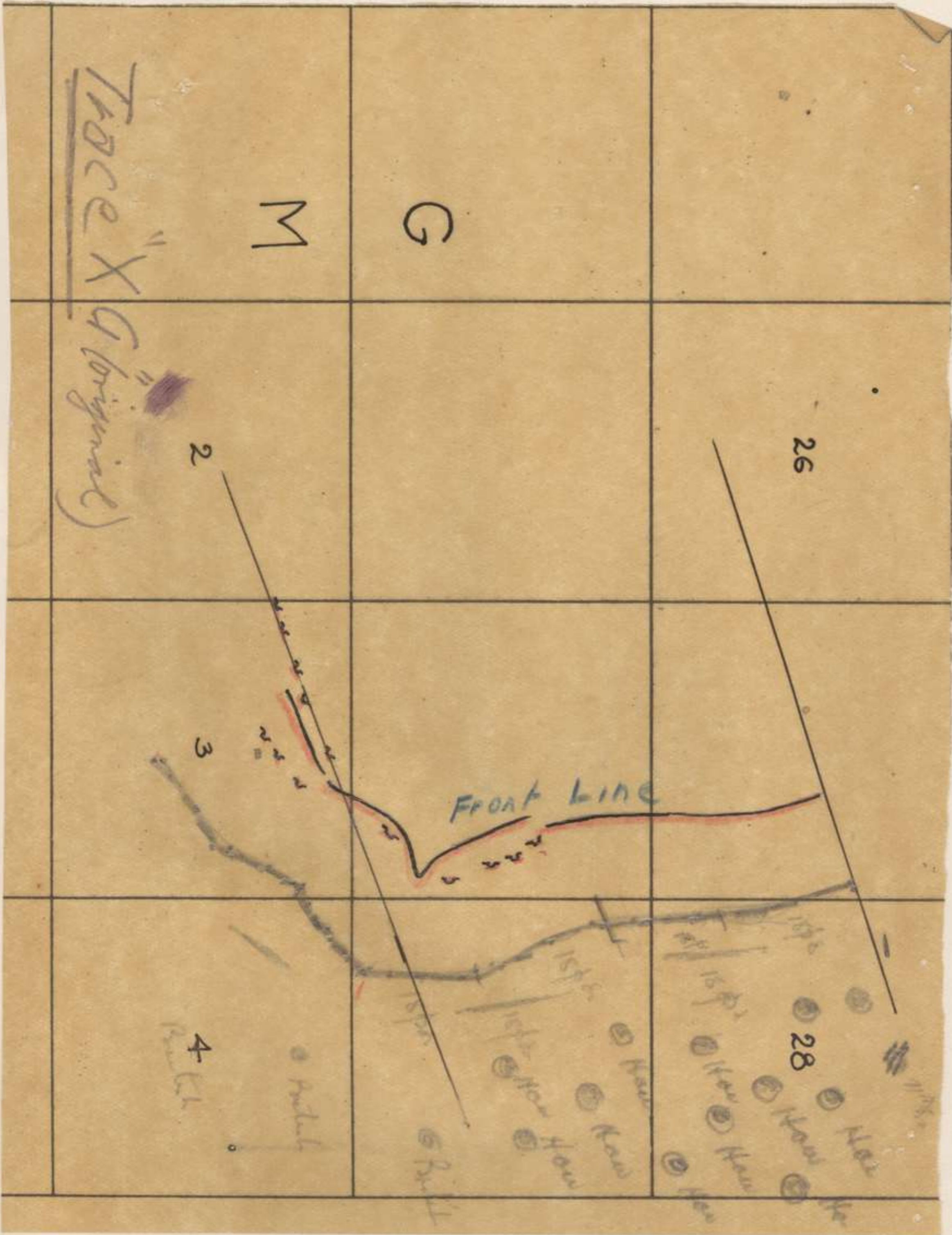
10th Bde

NORTHERN DIVISIONAL BOUNDARY

INTER BRIGADE BOUNDARY

SOUTHERN DIVISIONAL BOUNDARY






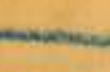
AMWA
13/12/56 by E

APPENDIX 247

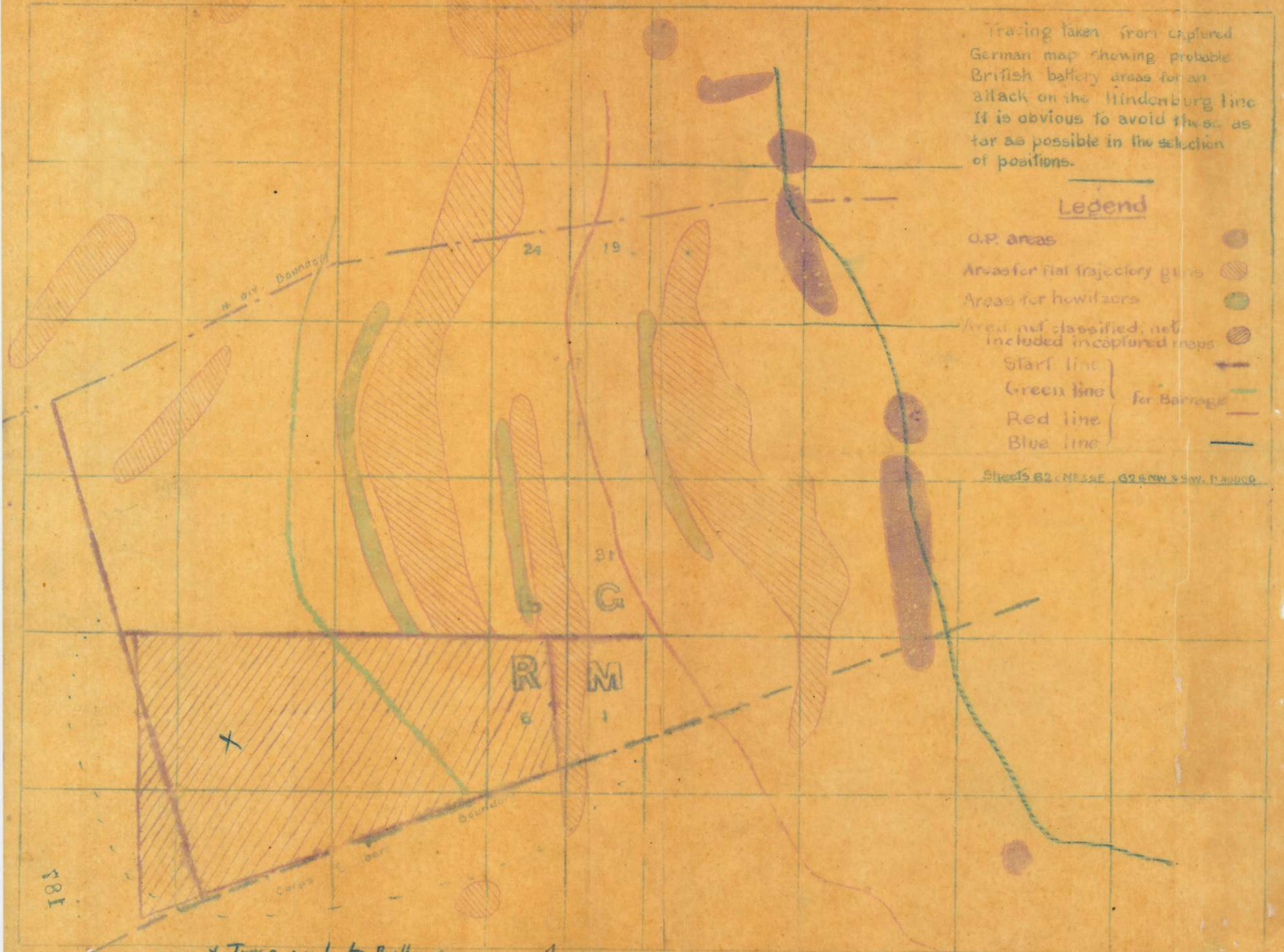
181

Tracing taken from captured German map showing probable British battery areas for an attack on the Hindenburg line. It is obvious to avoid these as far as possible in the selection of positions.

Legend

- O.P. areas 
 - Areas for flat trajectory guns 
 - Areas for howitzers 
 - Area not classified, not included in captured maps 
 - Start line 
 - Green line 
 - Red line 
 - Blue line 
- for Barrage

Sheet 562 (N.E.S.E. G2 & NW & SW. D. 1000)

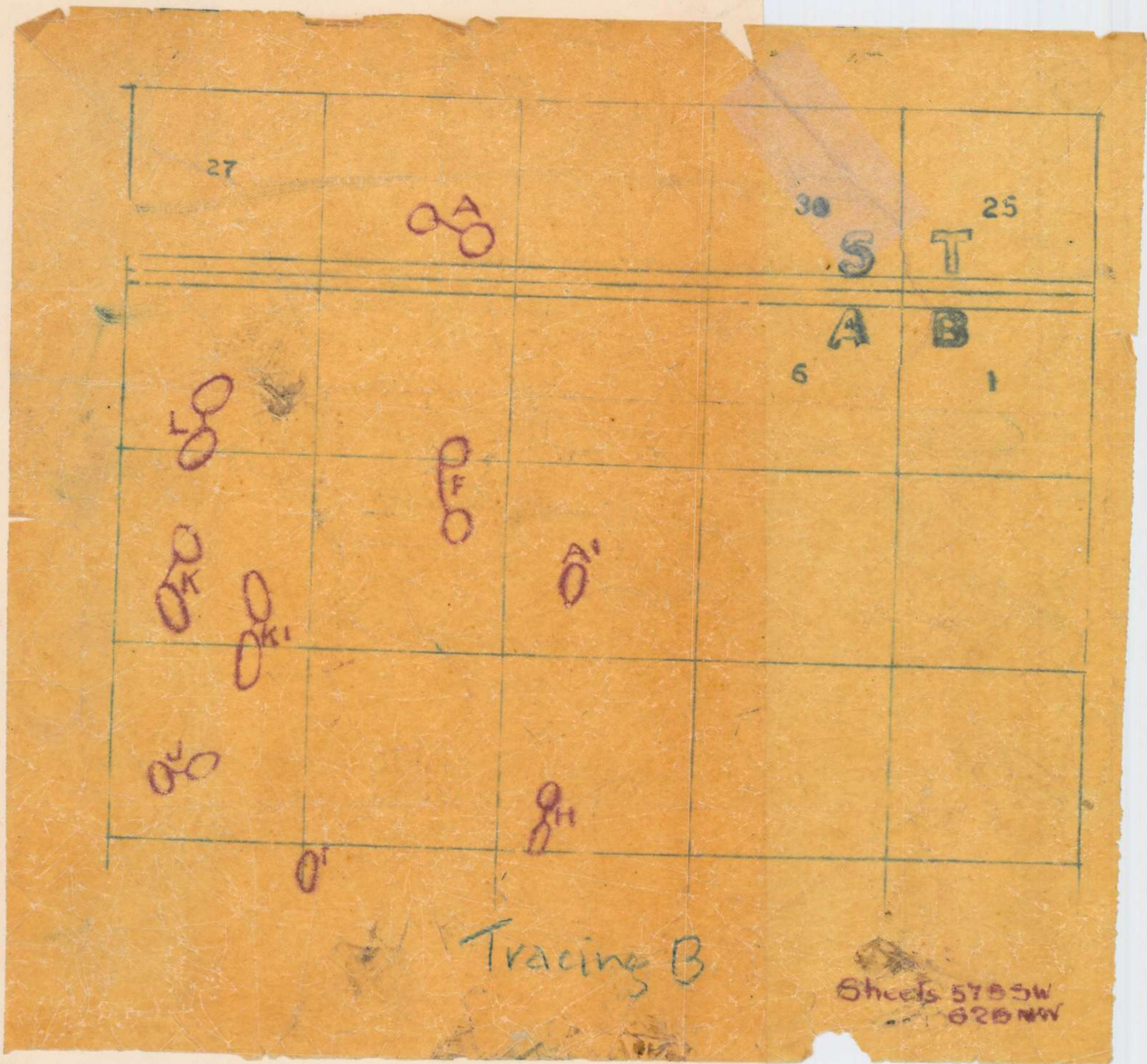


X Trace sent to Batterys

181

187

181



III Corps

(1)

27th American Div.

30

25

E

F

30

25

F

A

6

K

L

6

1

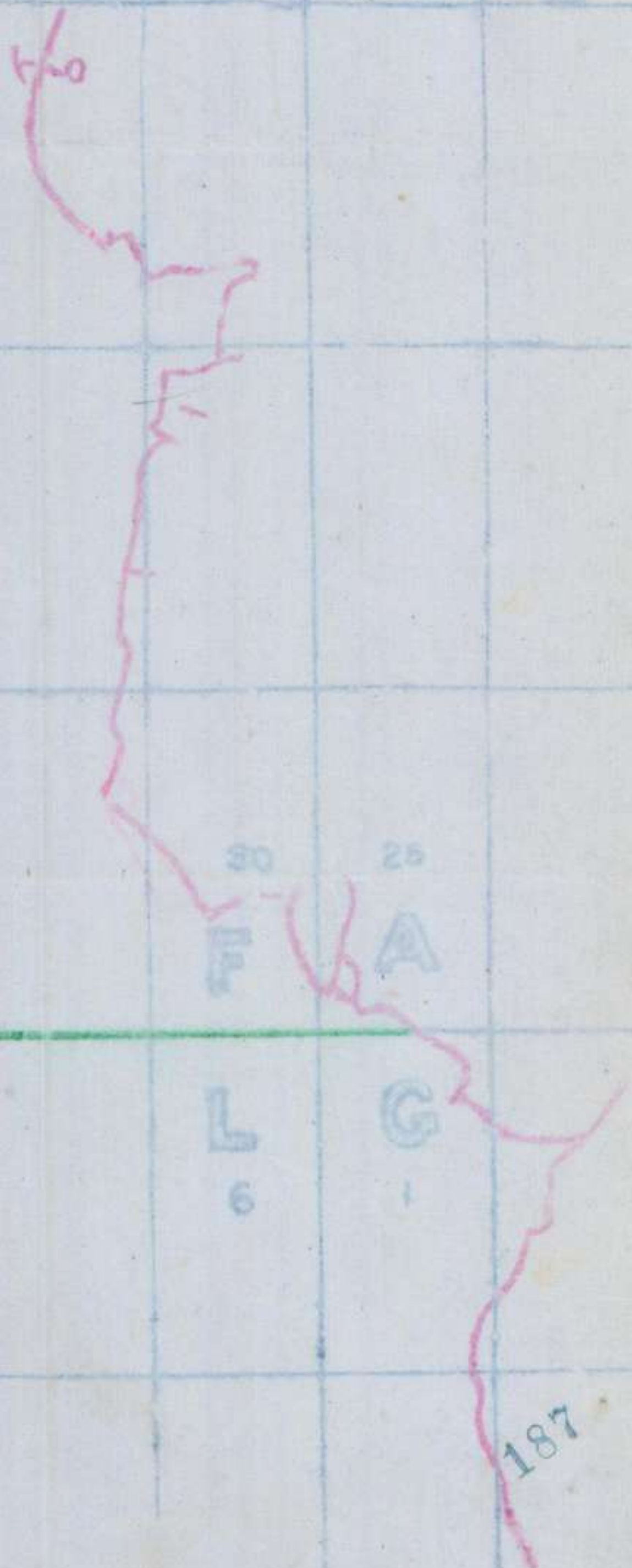
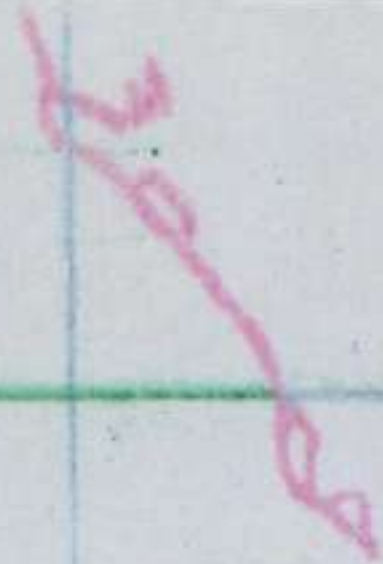
L

G

30th American Div.

Sketch 62° NW & 62° NE.

187



1:20,000

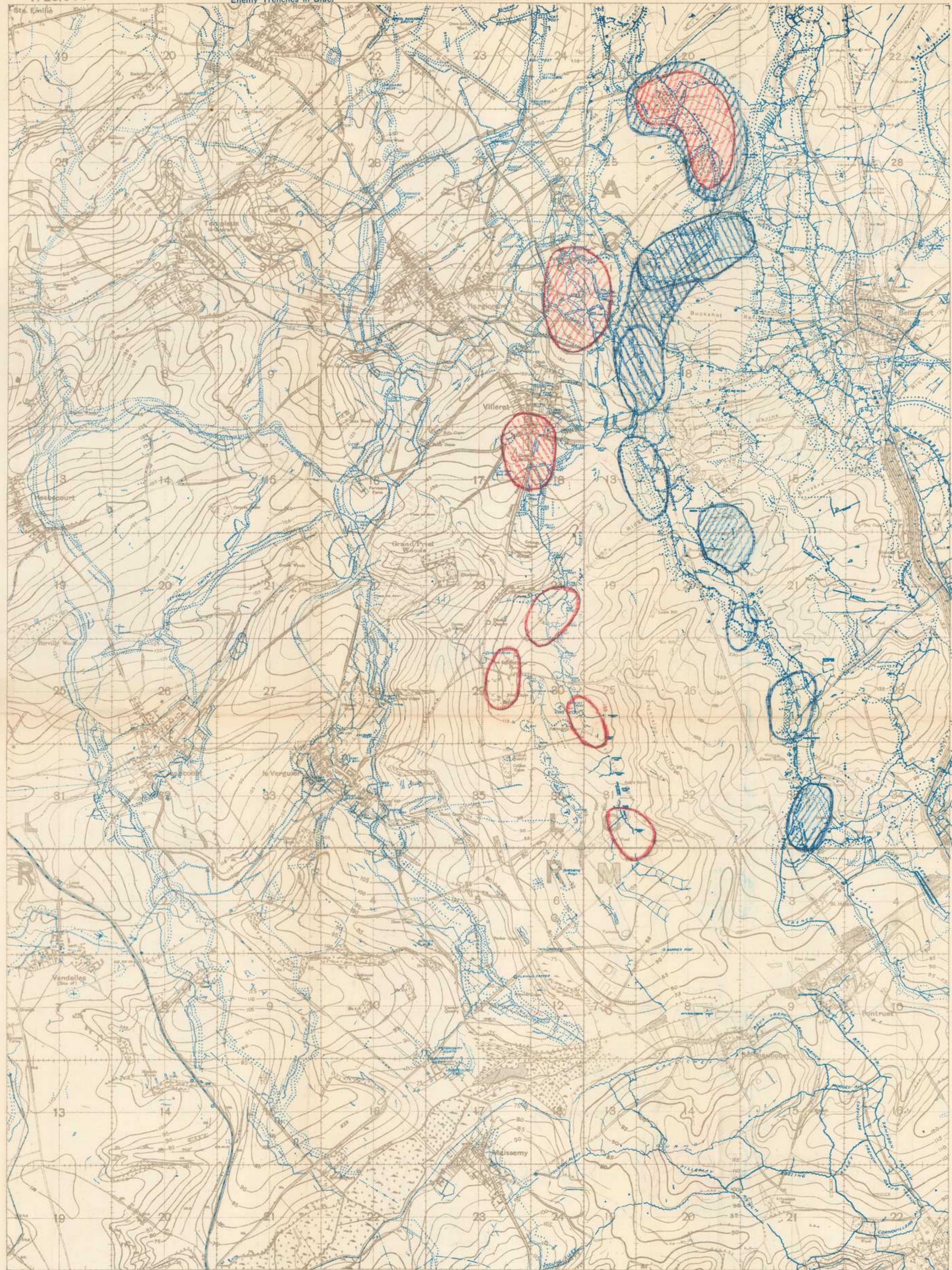
NOTE CHANGE OF COLOUR.
Enemy Trenches in Blue.

VILLERET

PARTS OF 62° N.E. 62° S.E.
62° N.W. 62° S.W.

APPENDIX A

250



FIELD SURVEY BY R.E. (4541) 14-3-18

SCALE 1:100,000

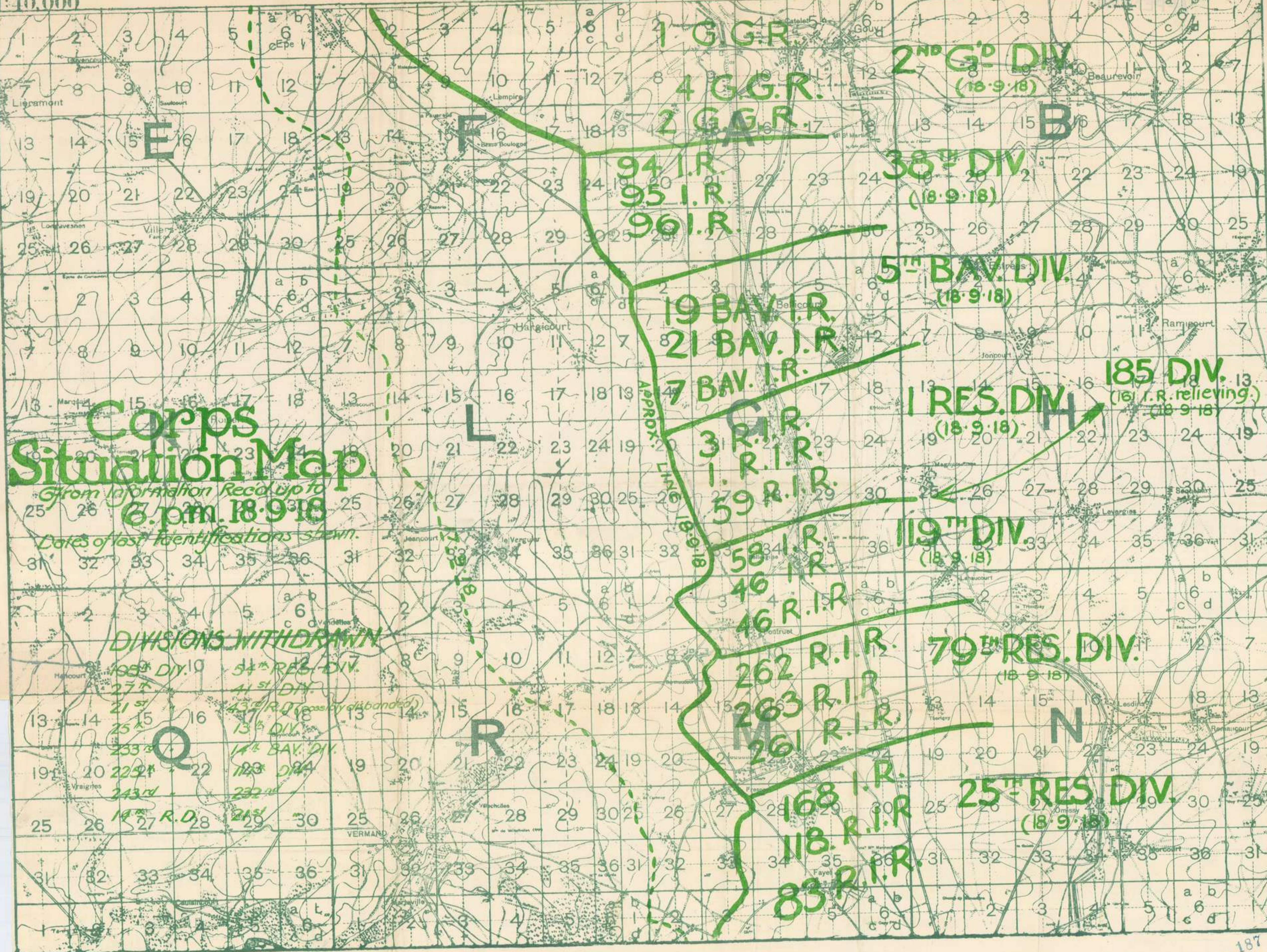
187

37

1150a 1150 A K 152 AS

1 May 1945
Gen Noble

181



**Corps
Situation Map.**
 From information Recd up to
6 p.m. 18.9.18
 Dates of last identifications shown.

DIVISIONS WITHDRAWN

- 185th DIV. 10
- 27th DIV.
- 21st DIV.
- 233rd DIV.
- 229th DIV.
- 243rd DIV.
- 14th RES. DIV.
- 21st R.D.
- 34th RES. DIV.
- 41st DIV.
- 43rd R.I.R. (possibly disbanded)
- 13th DIV.
- 14th BAV. DIV.
- 123rd DIV.
- 232nd DIV.

MAP

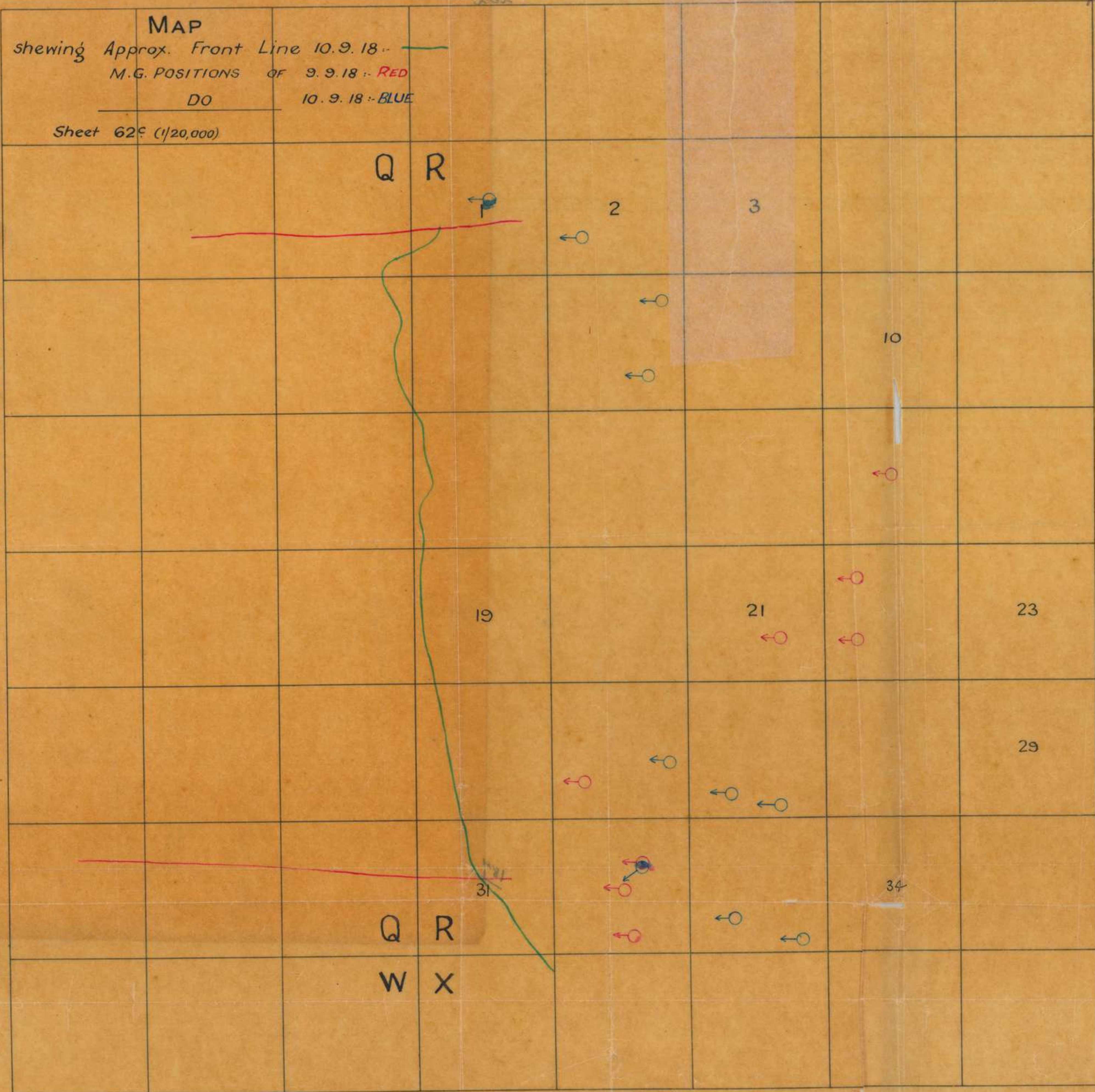
showing Approx. Front Line 10.9.18.

M.G. POSITIONS OF 9.9.18 - RED

DO 10.9.18 - BLUE

Sheet 62C (1/20,000)

Identification Trace for use with Artillery Maps.



NOTE.—(1). These traces are intended to facilitate the communication of information as to the position of targets, which have been located on a squared map.
 (2). The squares on this trace are 500 yards in length on the 1/10,000 scale, 1,000 yards in length on the 1/50,000 scale, and 2,000 yards in length on the 1/40,000 scale.
 (3). The squares on the trace are fitted to the squares of the map showing the targets, which are then drawn on the trace. Sufficient letters and numbers must also be added to enable the recipient to place the trace in the correct position on his own map. A little detail may also be traced, but this is not essential. The name and scale of the map to which the trace refers must be always given. The trace can be used for the 1/10,000, 1/20,000, 1/50,000, or 1/40,000 scale.

G.S.G.S. 3023.

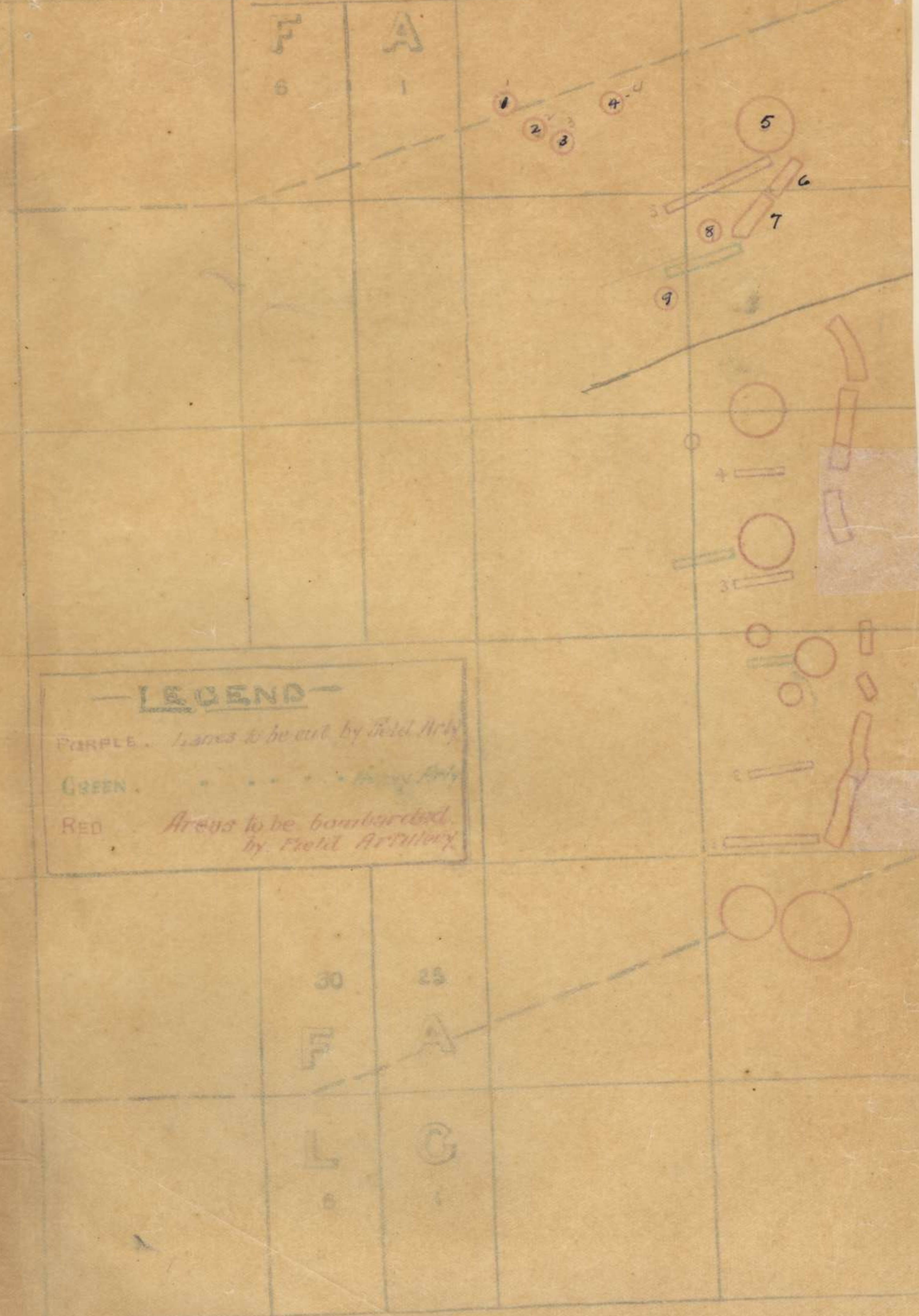
Tracing taken from Sheet

of the 1: map of

Signature

Date

TRACING "D"



— LEGEND —

PURPLE . . . Lanes to be cut by Field Arty

GREEN Lanes to be cut by Infantry

RED . . . Areas to be bombarded by Field Artillery

30 25

B A

C



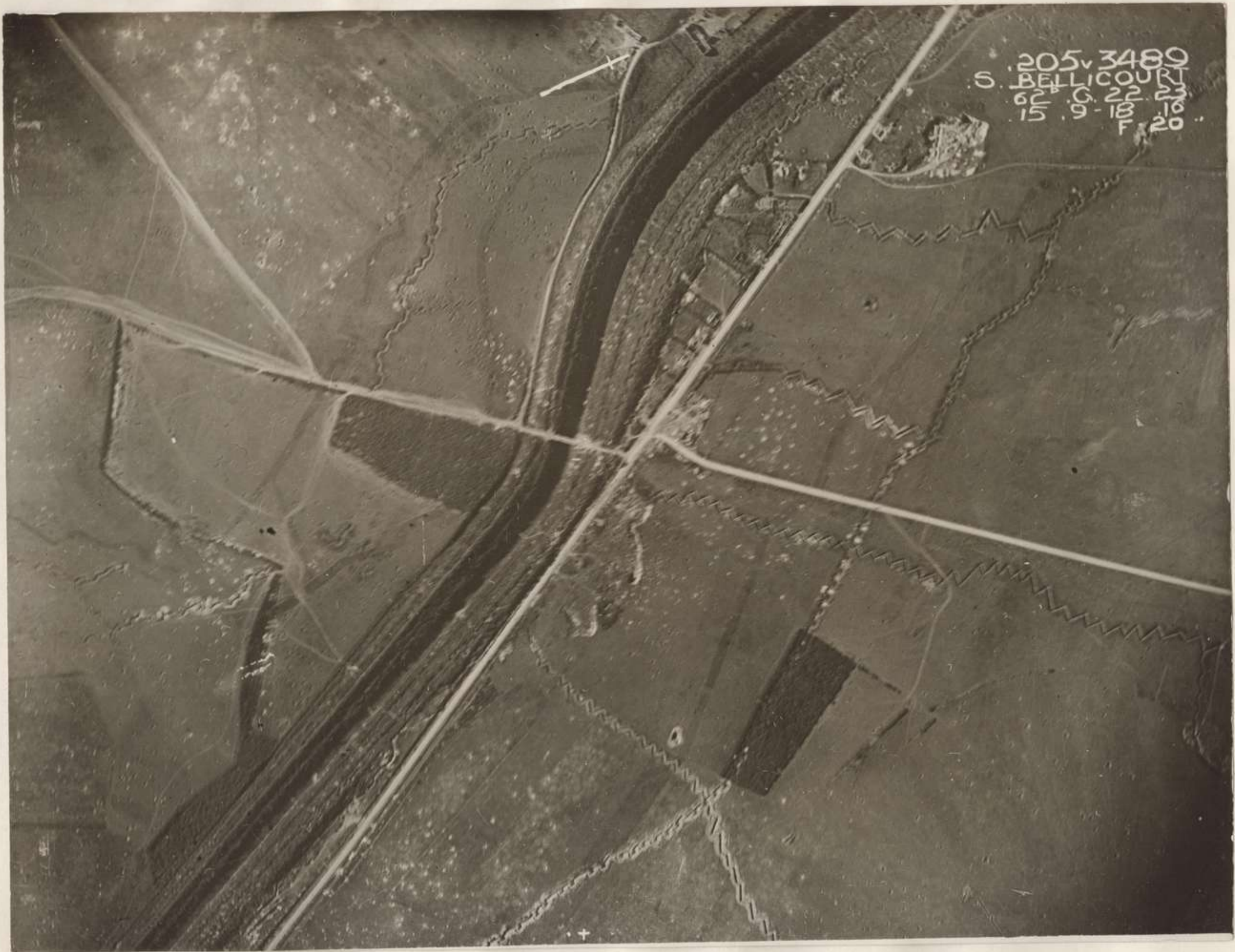
APPENDIX







APPENDIX



187

APPENDIX

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APPENDIX

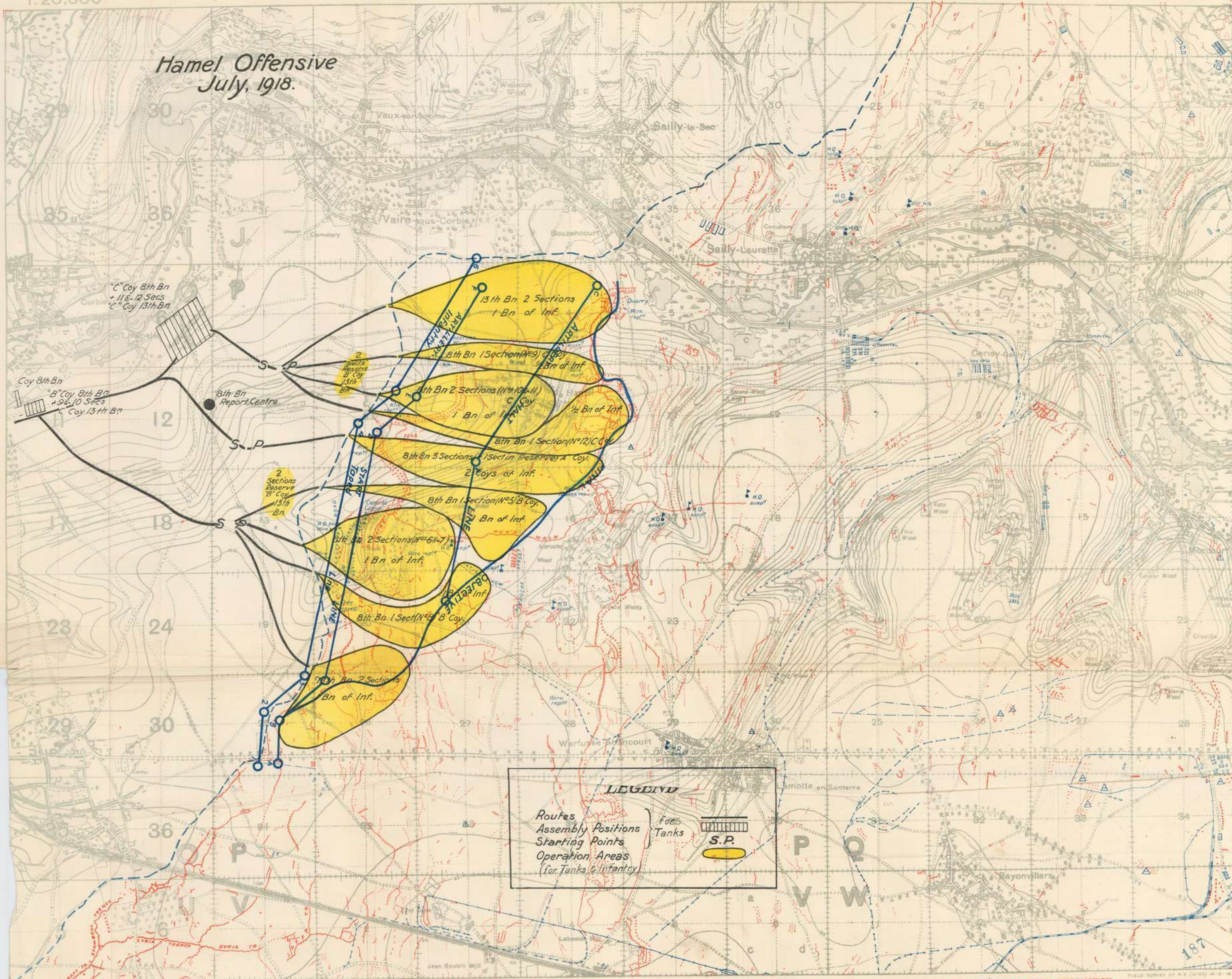
BAYONVILLERS

Parts of 62°N.W., 62°N.E., 62°S.W. & 62°S.E.

EDITION I.

1:20,000

Hamel Offensive July, 1918.



LEGEND

- Routes
- Assembly Positions
- Starting Points
- Operation Areas (for Tanks & Infantry)

for Tanks



S.P.



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

Scale - 1:20,000

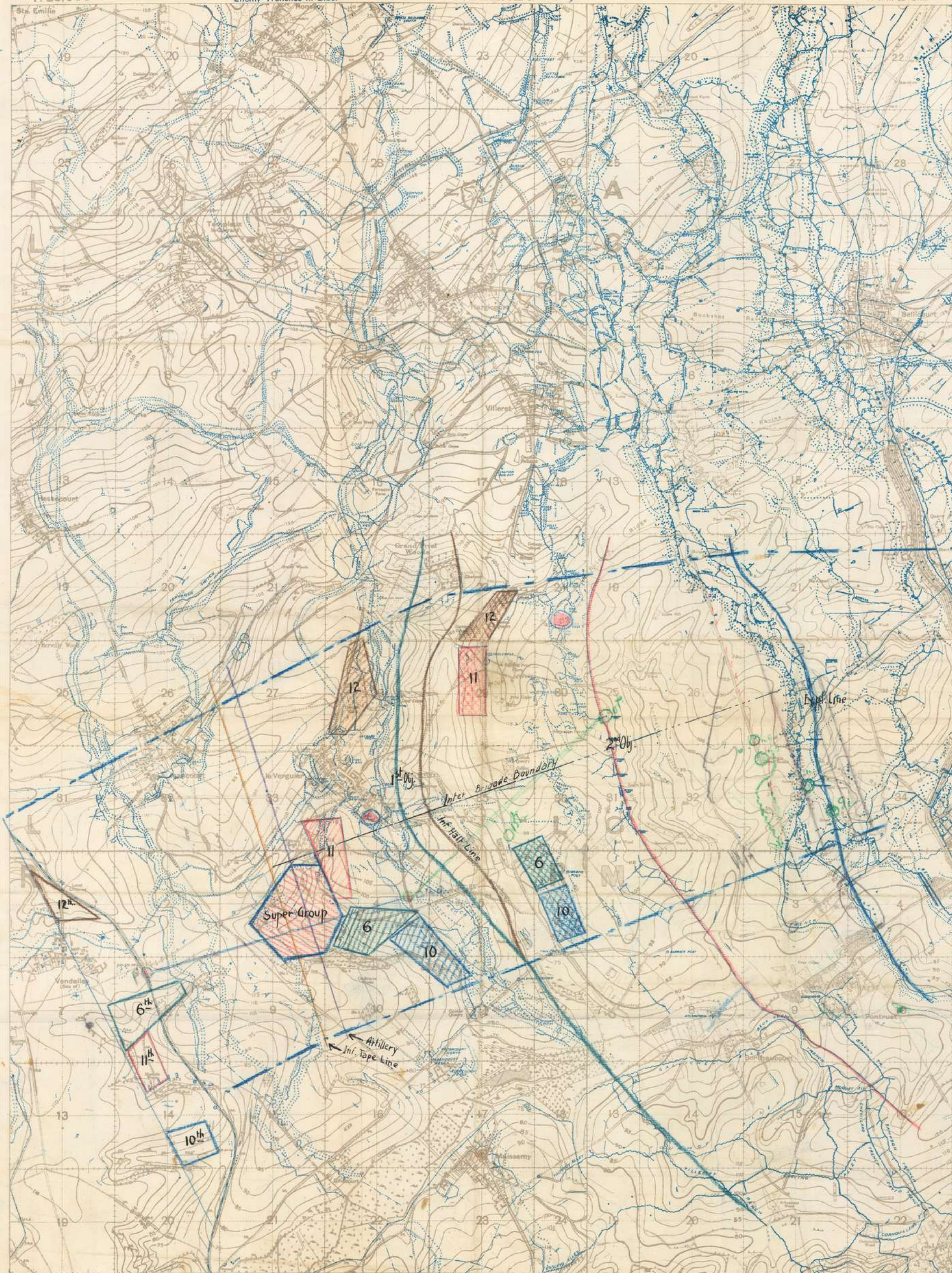
TRENCHES CORRECTED FROM INFORMATION RECEIVED UP TO 24-6-18.



Hamel Offensive
July 1918

187

187
 188
 189
 190
 191
 192
 193
 194
 195
 196
 197
 198
 199
 200



9.50
 11/1
 9.34 cont. 1st
 7.16 cont. 11/1
 5.29 cont.
 French again
 the wood was
 swept back
 5.31
 back again
 11/1 cont.
 for 1 1/2 hours.
 6.15
 " for
 187

1:40,000

RAMICOURT

