

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

Engineers

Item number: 14/11/23

Title: Headquarters 5th Australian
Divisional Engineers

April 1918



AWM4-14/11/23

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Australian Imperial Force.

WAR DIARY

OF

5th AUSTRALIAN DIVISIONAL ENGINEERS

FOR

APRIL 1918

Signature of Officer compiling

W. H. A. Smith Lt. Col.

Signature of Officer Commanding

W. H. A. Smith
U.C. & A.E.
C.R.E.

(Erase heading not required.)

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Summary of Events and Information

Remarks and references to Appendices

Headquarters.	VAUCHELLES	I.32.d.9.5.	Sheet 57D
Field Cos.	CLAIRFAYE	0.30.a	" "

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Sheet 1

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Reference Map. France Sheet 57°

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
VAUCHELLES Sheet 57D I 32 d. 9.5	1st.		<p style="text-align: right;">Sheet 62° C. 6c</p> <p>C.R.E. visited C.R.E. 4th. Aust. Division at BAISIEUX and C.R.E. 3rd. Aust. Division at St. GRATIEN to inquire about class of Sapper work being done on their fronts and also for facilities for obtaining R.E. Stores.</p>	
	2nd.		<p style="text-align: right;">Sheet 57° a 23.b.</p> <p>Orders were issued that Field Companies were to move to LEALVILLERS „ by 4 p.m.. Billets were not evacuated by Imperial troops until 6 p.m.. The three companies moved into these billets as soon as they were evacuated.</p>	
	4th.		<p>In the morning the Adjutant visited new billets of the Field Companies to see that all coys. were properly settled.</p> <p>The C.R.E. submitted to Division, a memorandum on the 'Seniority of ^{Engineer} Lieutenants'x.</p> <p>Orders were received from Division that the 5th. Aust. Division would take over from 3rd. Cavalry Division on the 6th. inst. This Order was cancelled.</p> <p>The 8th. Bde. including 8th. Field Coy. received orders to move at 3.45 p.m. to take over embussing at LOUVENCOURT Sheet 57D. I.34. at 7 p.m..</p> <p>The 14th. and 15th. Field Coys. moved with 14th. Bde. Group embussing at 5 a.m. at LOUVENCOURT on 5th. inst.; all transport to move independently to BUSSY. Sheet 62° H. 35c.</p> <p>where they will receive further orders.</p>	x App. /

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INTELLIGENCE SUMMARY.

Sheet 2.

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Reference Map. France Sheet 62D.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BLANGY- TRONVILLE Sheet 62D	4th.		Headquarters 5th. Aust Divl Engineers having received orders to move, at 6 p.m. moved at 10 p.m. by motor lorry and arrived at BLANGY TRONVILLE Sheet 62D. N.22. at 8 a.m. on 5th. inst., to take over from 3rd. Cavalry Division. This Division disclaimed all knowledge of the hand over so that Division had to find billets in the town and wait for further orders.	
	5th.		The G.O.C. instructed that work was to be commenced immediately on constructing accommodation for Headquarters in bank at Sheet 62D. N.22.b..	
			Very little material can be obtained from Army or Corps for this work. All unemployed men were collected and put to work digging positions for shelters in this bank.	
			Instructions were issued to the three Field Coys. that they were to concentrate at BLANGY-TRONVILLE. The Coys. arrived in the afternoon and were billeted in this village. These billets were arranged by D.E.H.Q..	
			Location of Field Coys. and Transport as follows;- Sheet 62D. 8th. Field Coy. H.Q., N.21.b.50.15. Transport N.21.c.8.7., 14th. Field Coy. H.Q., N.22.a.5.1. Transport, N.22.a.8.2., 15th. Field Coy. H.Q., N.22.a.8.0.. Transport, N.22.a.5.2..	
			H.Q.D.E. moved from centre of village to N.22.b.4.2. in the afternoon.	
			Instructions were issued to 8th. Field Coy. at 5.30 p.m. to throw a pontoon bridge across SOMME	

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INTELLIGENCE SUMMARY.

Sheet 3.

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Reference Map. France. Sheet 62°

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BLANGY TRONVILLE CHATEAU.	5th.		at N.16.c.8.2... This was completed by 8.30 p.m. and Division informed.	
Sheet 62D N.21. cent. N 21 Cent.			5th. Aust, Division took over from 3rd. Cavalry Division tonight and Headquarters are situated at BLANGY TRONVILLE Chateau N.21. central.	
			14th. and 15th. Bdes. are in the line with 14th. and 15th. Field Coys. respectively. 8th. Field Coy. is in Reserve and engaged on Back Work.	
	6th.		Headquarters moved into Chateau TRONVILLE at 10 a.m..	
			Instructions were issued to the 8th. Field Coy, that 14 bays of Pontoon bridging complete and 4 trestles complete would be delivered ^{to} them at 5 p.m. at BLANGY TRONVILLE.	
			This Coy. was also instructed to construct a Pontoon Bridge over the SOMME at N.17.c.7.3. using some of the material abovementioned. This bridge was completed 12.30 a.m. 7/4/18. Division and C.E. Corps were informed.	
			Divisional R.E. Dump is located at AUBIGNY O.9.a.7.3.. (Sheet 62°)	
			Material is being sent up by Corps by motor lorry.	
			Lieut. R.A. HOLMES, 8th. Field Coy. was instructed to make a reconnaissance of all bridges over the SOMME from CAMON ^{Sheet 62°} M.16 to as near the front line as possible. x	xApp.2
			Os.C. 14th. and 15th. Field Coys. were asked to see C.R.E. at 3.30 p.m. to talk over work that	

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Sheet 4.

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Reference Map. France. Sheet 62°

Place	Date.	Hour	Summary of Events and Information	Remarks and references to Appendices
Chateau BLANGY TRONVILLE N. 27 C. 11.	6th.		was going to be done in forward area.	
			14th. Field Coy. moved to AUBIGNY and is located at Sheet 62D. 0.8.b.5.5..	
	7th.		The C.R.E. left Headquarters at 8 a.m. with G.S. & O. <u>H.</u> and Machine Gun Bn. Commanders to site posts on the proposed reserve line, and visited the whole front of this line.	
			C.R.E. Returned to Headquarters at 6.30 p.m. and informed G.S. what had been done.	
			In the evening the C.R.E. plotted out the survey of posts sited during the day.	
			The 14th and 15th Field Cos were instructed to lay mines at the following places :-	
			14th F.C. 0.29.c.9.4. cross roads	
			0.30.c.2.3. just E. of road junction	
			0.36.a.3.6. cross roads	
			15th F.C. 0.18.b.5.3. cross roads.	
			0.10.d.6.8.	
			0.11.a.5.1. cross roads.	
			Instructions issued to 8th Field Company to send 1 section to BONNAY to work under the orders of the C.R.A. They will be engaged in building 2 small bridges across the AUCRE in I 28 & 29. No French wire or tracing tapes available.	
			Report received from Lieut. Holmes about all bridges across SOMME from CAMON M.16. to as near front line as possible.x	
			Sketches showing approaches to A' 'B' and 'C' Bridges as per appendices were sent to C.E. Corps	

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Sheet 5

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Reference Map. France. Sheet 620.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Chateau BLANGY TRONVILLE N. 27. cent.	7th		and 5th Australian Division.	
			The 15th Field Co moved to LANEUVILLE. sheet 62D I.34.c.2.8.	
	8th		C.R.E. left Headquarters at 9.0 a.m. Met Os C 14th and 15th Field Companies and showed them over the reserve line posts, as ^{marked} plotted out on previous day, in their respective Brigade Areas. Returned Headquarters at 4.30 p.m.	
			C.R.E. wrote a memo. to Division asking that the seniority of Lieuts. Marnie and Hardinge should not be superseded by Engineer Officers of other Divisions.	
			The following bridges were completed:-	
			I located at I.29.a.3.6. Pontoon of 2 bays.	
			II " I.29.c.4.9. Frame bridge of local timber - one span.	
			III " I.29.c.8.8. Service trestle - 2 bays.	
	9th		In ^{the} morning the C.R.E. visited the approaches of 'A' 'B' and 'C' bridges.	
			Spent the afternoon at office writing out instructions for proposed operations on the 11th inst x 3	
			for Engineers and Pioneers.	
			At 6.0.p.m. attended Divisional conference of G.O.C. G.S.O.I, C.R.A., and G.O.Cs 8th and 14th Brigades, at which the proposed operations were discussed.	

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Reference map France Sheet 62°

Sheet 6

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Chateau BLANGY TRONVILLE N. 21. Cent.	9th		Later in the evening The C.R.E. held a conference with the Os.C. 14th and 15th Field Cos.	
			to discuss the engineer portion of the work.	
			Instructions were issued to 15th Field Co. to build a pontoon bridge at J.26.e.O.3. This	
			was swung into position at 7.45. p.m.	
			Two pontoons with complete bridging equipment had to be borrowed from 7th Field Co.A.E. to carry	
			out this work.	
			No shovels or picks could be obtained from Corps until 6.o.p.m.	
			11000 yards of tracing tape were ^{made} got from rolls of calico and sent to 5th Aust.Divl. Dump.	
			Two motor lorries reported from Corps for transporting Engineer Material to R.E. Dumps and	
			will be attached to Engineer Headquarters until further orders.	
	10th		The C.R.E. left Headquarters at 9.o.a.m. with C.O.5th Pioneer Bn. to confer with Field Co.	
			Commanders on construction of S.Ps. in forthcoming operations.	
			After completing these arrangements he returned to Headquarters 11a.m. and spent evening at office.	
			Instructions received from G.S.O.I at 4 p.m. that operations, for the taking of red line were	
			cancelled, and that the green line might be taken.	
			Later a wire was received from Division that all operations were cancelled.	

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sheet 7

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Reference Map France Sheet 62.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Chateau BLANCY TRONVILLE N. 21. Cent.	10th		As the attack had not come off, pontoon bridge built at J.26.c.O.3. will be cut at 3.45 a.m. tomorrow, and swung into bank under trees.	
BUSSY la MOULLE H. 34. C. A. 6.	11th		5th Aust. Pioneers commenced work approach of 'A' Bridge as indicated to them by Adjutant C.R.E. The C.R.E. left Headquarters at 9.0 a.m. and went to FOUILLOY to pick up C.O. 5th M.G. Bn. and Os.C. 14th and 15th Field Companies in order to site M.Gs. and tactical wiring on Divisional Reserve Line. Whilst on this reserve Line the C.R.E. sited the remaining posts which were not sited on the 7th instant between Switch Junction and FOUILLOY. Returned Headquarters 4.30 p.m. Passed evening in consultation with G.O.C. Adjutant visited QUERRIEU R.E. Dump and obtained plain wire and 6" nails for approach to 'A' Bridge. Adjutant accompanied G.O.C. round approaches to 'A' 'B' and 'D' bridges to inspect. Word was received at 2.30 p.m. that Divisional H.Qrs was to move to BUSSY and open at 5.0 p.m. Difficulty was found in obtaining billets in BUSSY. H.Q.D.E. was moved entirely by its own transport.	
	12th		The C.R.E. spent day in office, and was visited by Os.C. 8th and 15th Field Cos to discuss work	

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INTELLIGENCE SUMMARY.

sheet 9

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Reference Map. France Sheet 62°

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Bussy Sheet 62D H. 35. C. 4.6	13th		relay the charges.	
			R.E. stores are very scarce, and not enough transport ^{IS AVAILABLE} to obtain sufficient for the use of	
			this Division.	
			Approach to 'D' Bridge was completed.	
			The following officers reported from reinforcements and were posted to Field Cos as follows:- 2nd Lt. Brown, S.M. 14th F.C. 2nd Lts. Midelton T.B. and Brain V.J.F. 15th F.C.	
			Instructions for guards on mined roads and bridges forwarded to 8th Aust. Pioneer Bn. x	x APP. 5.
	14th		In the morning the C. R.E. visited sites of proposed emergency dugouts for D.H.Q. with G.S.O.I and II. Returned to office and started Pioneers on job.	
			C.R.E. instructed 5th Pioneers to send a platoon to D.H.Q. to dig 2 deep dugouts.	
			Report on bridges was forwarded to Div.H.Q. x	x APP. 6.
			The 2 extra motor lorries were again obtained from Corps for transporting R.E. stores. i.e. 4 lorries were available today.	
	15th		In the morning the C.R.E. inspected the AUBIGNY line of Defence. Met O.C. 8th Field Co. also	
			Brigade Major 15th Aust. Inf Bde on the work.	
			In the afternoon he visited R.E. Dumps at AMIENS, and SALEUX.	
			On the way back to Headquarters he visited C.E. III Corps at DURY to discuss works and stores.	Sheet 62E x 9a. Wt

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INTELLIGENCE SUMMARY.

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Reference Map France 62°

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BUSSY Sheet 62D H.35.C.46.	15th		Map showing bridges over SOMME in Divisional area and further report from Lieut Holmes was forwarded to Division.	
			Corps are arranging for 4 G.S.waggons to be attached to carry R.E.Stores.	
			Instructions were issued to Pioneers that they were to commence work on the reserve line, AUBIGNY Defence Zone.	
	16th		In the morning the C.R.E. reconnoitred Defence line from DAOURS to CAMON in company with G.O.C. Division, G.S.O.I, C.R.A. and other staff officers.	
			In evening discussed works with O.C. 254 Tunnelling Co. R.E. at Headquarters office.	
			The 254 Tunnelling Co. was placed under the orders of the C.R.E. for work in the Divisional area.	
			This Company will take over the guarding of all bridges for which the C.R.E. is responsible for demolition, deep dugouts at D.H.Q. and right and left Bde H.Q.s and land mines prepared by 14th and 15th Field Companies. One section of this Company will relieve No.2 Section, 8th Field Co. at present attached to 13th A.F.A. Bde Headquarters.	
			Corps could only send 2 lorries, 4 G.S.waggons for ^{transporting} drawing R.E. stores for this Division.	
			This transport is totally insufficient to meet the demands of the Division.	
			2 nd Lt. W. Gibb joined from O.T.C. & was posted to 15 th F.C. 2 nd Lt. Bruiz was transferred to 8 th F.C.	

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INTELLIGENCE SUMMARY.

sheet 11.

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Reference Map France Sheet 52°

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Bussy Stulb	17th		C.R.E. 8th Division visited C.R.E. to arrange taking over the work work on our right flank owing to readjustment of Divisional boundaries.	
H. 35. C. 4.6			In afternoon ^{C.R.E.} in company with Brigade Major Div. Artillery visited the vicinity of BONNAY to inspect sites for Observation Posts.	
			Arrangements were made with Bdes to supply a certain amount of transport for transporting R.E. stores.	
			15th Bde will supply 10 G.S. waggons on the 18th instant-	
			8th Bde will supply 8 G.S. limbers on the 18th instant.	
			2 G.S. waggons have been permanently attached to the 8th Field Co from Divisional Train for obtaining R.E. stores.	
	18th		In the morning C.R.E. visited C.R.E. 3rd Aust. Div. to discuss taking over work on our left from him consequent on readjustment of Divisional boundaries.	
			In afternoon the C.R.E. in company with G.S.O. II sited reserve line of AUBIGNY system.	
			A report was forwarded to Division by C.R.E. explaining work done in this ^{DIV.} area up to and including the 13th instant .x	
	19th		The C.R.E. issued Engineer Instructions No. 1 to 14th and 15th Field Cos. and 5th Pioneers	x APP. 7.

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INTELLIGENCE SUMMARY.

sheet 12

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Reference Map. Ste France Sheet 62°

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BUSBY	19th		and copy to C.R.E. 8th Division.x	APP x 8
			<i>situated at CAMON.</i> The Adjutant visited 'B' Company, U.S. Engr Regiment, to arrange about the return of Pontoons lent to them to assist in the erection of Inglis Bridge at N.14 th d.1.3.	
			Two Bns were ordered to dig themselves in at O.13.a. The 8th Field Co. supervised the work and some R.E. Stores were obtained for them.	
	20 th		<i>OFFICE. WORK.</i> C.R.E. spent first morning at office.	
	21st		In afternoon took O.C. 8th Field Co. along line of pegs showing siting of AUBIGNY Reserve Line as sited yesterday on 18 th Inst. ✓	
			Then with O.C. 8th Field Co visited the left flank of AUBIGNY Line to arrange linking up with trenches in new area and also to consider defence of railway embankment and cutting, sheet 62D.0.2 nd .a and c. O.2.c.	
			Memorandum was sent to Field Cos. ^x explaining how R.E. stores were obtained and would be issued in this area.	APP x 9
	22nd		WORKS REPORT fwd to DIVISION for period ending 20.4.18 x C.R.E. in morning conferred with G.O.C. Division regarding works policy and then with C.E.	x APP 12
			Aust. Corps inspected proposed line of Defence from DAOURS to CAMON.	
			In evening inspected the point of junction of AUBIGNY LINE with works North of the River.	<i>Alfauy</i> 60

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Reference Map. France, 62nd Sheet

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BUSSY Sheet 62D H.35. C.46.	22nd		Adjutant visited new site of Aust. Corps Dump at POULAINVILLE.	
			Motor lorries were sent to VIGNACOURT to obtain barb wire and PUCHEVILLERS to obtain wooden pickets.	
			Returned portion of surplus pontoon gear to Army.	
			There is a great scarcity of wiring stores at the present moment.	
			Mining timber is not obtainable.	
			254 th Tunnelling Company handed over the guarding of all bridges in N.15.c., N.16.c., N.17.c., dugouts for Artillery Bde Headquarters in O.13.a and Dugouts for D.H.Q. in H.34.d. to 5th Aust Pioneers.	
			Left and Right Bde Headquarters at I.35.c.3. and O.17.c.3.7. were handed over to 15th and 14th Field Companies respectively.	
			15th Field Co. handed over the guarding of bridges as shown in memo. ^x to 5th Aust Pioneers who will be responsible for their guarding and demolition.	x APPENDIX 9a
			5th Aust. Pioneers handed over to 2nd Aust. Tunnelling Co. the guarding of bridges in N.15.c. N.16.c. and N.17.c.	
	23rd		C.R.E. in company with G.S.O.11 and Lieut. Littler, 14th Field Co. sited the line for right	

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INTELLIGENCE SUMMARY.

sheet 14

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Reference Map. France. Sheet 62°.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Blussey. Sheet 62D 14.35.C.4.6	23rd	flank	flank defences from 0.20.b.4.6. (in AUBIGNY line) forward to 0.24.b.2.7. approx. This was a precaution against any retirement of the Division on the right flank. In afternoon in company with Major Greenway and Lt Oliver 15th Field Co. inspected works and country on north side of the SOMME from CORBIE as far forward as WELCOME Wood. While on this high ground he witnessed a concentrated enemy bombardment with gas shells on HAMELET, FOUILLOY and AUBIGNY. This was continued from approx. 5.0 p.m. to 7.0 p.m. In returning from AUBIGNY VAUX to CORBIE mustard gas could be distinctly smelt; 180 Tunnelling Co took over from 8th Aust. Pioneers the guarding of road mines at 0.10.d.5.8. 0.10.d.6.8., 0.11.a.6.1., and 0.18.b.5.4. No long wooden pickets could be obtained from Corps. A lorry was sent to PUCHEVILLERS to endeavour to obtain some but only 100 could be got. The 14th Field Co. was shelled and gassed out of billets in AUBIGNY, and moved to LA NEUVILLE. Sheet 62D I.33.d.7.4. The number of casualties sustained by Field Companies to noon today as follows . 8th Field Co. 2 wounded (gas) 14th " " 2 wounded shell fire 18 wounded (gas) 15th " " 1 wounded and gassed 3 wounded (gas)	
	24th		Heavy bombardment along our front commenced at 3.45.a.m. and it was evident that the Germans were making a strong attack. About 9.0.a.m. news was received that the Division on our right had been driven back leaving VILLERS BRETONNEUX in the hands of the enemy. C.R.E. reminded Field Cos to have transport and all bridging equipment ready to move at a moments notice, and then to stand by for orders. C.R.E. then remained in close liaison with 'G' Staff throughout the day. The counter attack was arranged to be carried out against VILLERS BRETONNEUX by 15th Aust. Inf. Bde from a N.W. direction and the 13th Aust. Inf. Bde from a S.W. direction. This attack commenced about 11 p.m. and was completely successful, VILLERS BRETONNEUX being recaptured. For the purpose of the counter attack the 8th Aust. Division was placed under the orders of the III Imperial Corps and the 13th A.I.F. Bde under the orders of 8th Imperial Division. The 14th Field Co. informed this office that a pontoon waggon had been destroyed by shell fire. C.E. Aust Corps was informed of this and instructions were received from him to draw another waggon from QUERRIEU R.E. Dump. This was done.	

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Reference Map. France Sheet 62D.

sheet 15

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BUSSE Sheet 62D H.35. c.4.6.	25th		<p>The C.R.E. spent the day at D.E.H.Q. In the afternoon he was visited by the Os.C. of all the Field Companies.. The 8th Field Co were instructed to carry on the work at baths DAOURS. 15th and 14th Field Cos were standing by for orders. Work was continued on deep dugouts for left and right brigade Headquarters. R.E. stores were sent to AUBIGNY as usual, by motor lorry. At present it is impossible to deliver stores direct to Field Companies, as this office does not know what material is being obtained from Corps and has to take its allotment from QUERRIEU Dump as material arrives there. Therefore all material must be sent to AUBIGNY. The 8th Field Co. was instructed to keep cyclists patrolling bridges below DAOURS so that this office could be notified immediately if any of them were damaged by shell fire. Lieut Holmes 8th Field Co was ordered to submit a scheme for the defence of LAMOTTE BREBIERE.</p>	
	26th		<p>C.R.E. remained at office in the morning. In the afternoon he visited AUBIGNY Line and also portion of the forward reserve line. In view of the gas casualties sustained by Engineers of this Division C.R.E. sends memos to Field Companies, re gas discipline. x 8th Field Co was instructed that it would work with the 15th Bde. Pontoon Bridge was constructed by 8th Field Co. at O.4.c.2.0 sheet 62D. 2 spare pontoons in bridge at N.17.c. were destroyed by shell fire. 2 others to replace were asked for. obtained from Aust. Corps.</p>	x appendix 9b
	27th		<p>Instructions were issued to the 15th Field Co. to gradually lower the level of the water above the CORBIE lock 4ft. by means of sluice gates and by means of passes used for filling lock. 4 sappers were detailed from 8th Field Co. to work with 13th F.F.A.Bde to supervise the work of erection of O.Ps. C.R.E. issued instructions to Field Cos. to have trenches dug across roads at undermentioned places to form obstacles against possible armoured cars. P.20.a.0.9 P.2.b.5.7. P.8.c.4.1. P.8.d.3.8. P.2.d.5.1. XXXX J.33.c9.1. J.34.d.4.9. P.2.d.7.7.</p>	
	28th		<p>2 pontoons with 2 bays of superstructure complete were received from Corps to replace the spare pontoons at pontoon bridge in N.16.c. and N.17.c. which had been destroyed by shell fire. Corps asked for a report on safety of steel bridge which it was alleged had been injured by shell fire. Lt.C.K.Oliver 15th Field Co. inspected bridge and found that no damage whatever had been done and reported same to C.E. Aust Corps. Relief of permanent cadre N.C.Os left this office today, to proceed overseas on 1st proximo.</p>	Wllang!
			<p>WORKS REPORT for period 19th to 27th inclusive forwarded to Division x D. D. & L., London, E.C. (A7883) Wt W809/M1672 350,000 4/17 Sch. 52a Forms/C/2118/14</p>	x Appendix 13

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WAR DIARY

Army Form C. 2118.

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

INTELLIGENCE SUMMARY.

sheet 16

(Erase heading not required.)

Reference Map France Sheet 62°

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices										
Subs Sheet 62D H.35.C.4.6	29th		Instructions were issued to Lt Plittler to mark out in detail flanking S.P.s in O.22.a and b., O.22.a and b., O.21.a and b., O.20.b and b., and O.19.b., and to meet a pioneer Officer at 8.30 a.m. to show him what work was to be done. The 5th Aust. Pioneer Bn. will dig these S.P.s, 600 men being employed. Engineer Instruction No.2 was issued to Field Cos xx x stating that 8th Field Co. would relieve the 15th Field Co. by 9.0 a.m. 1st proximo. C.R.E. forwarded 16 Divn. para 3 for works policy memo.	APR x 10 x 11										
	30th		2 pontoons and 2 bays of superstructure complete were received from Corps in lieu of 2 pontoons damaged by shell fire. The 15th Field Co. were instructed to cut gaps in wire and to fill in trenches every 300 yards for the passage of artillery throughout the AUBIGNY system of trenches North of the SOMME. A wire was sent to C.E. Aust Corps asking that certain deficiencies in Divisional Bridging Equipment should be forwarded to this office. Lieut H.W. Fry M.C. 14th Field Co. reported to C.E.E. in the morning. He will be attached to Headquarters and will act as Field Engineer to the C.R.E. Locations of the Field Companies after relief of 1st proximo will be as follows - <table><thead><tr><th></th><th>Headquarters</th><th>Transport</th></tr></thead><tbody><tr><td>8th Field Co</td><td>I.34.c.5.7.</td><td>N.12.b.3.7. sheet 62D</td></tr><tr><td>14th " "</td><td>I.33.d.7.3.</td><td>O.1.c.0.5 " "</td></tr><tr><td>15th " "</td><td>O.1.a.3.5.</td><td>H.36.a.3.5. " "</td></tr></tbody></table>			Headquarters	Transport	8th Field Co	I.34.c.5.7.	N.12.b.3.7. sheet 62D	14th " "	I.33.d.7.3.	O.1.c.0.5 " "	15th " "
	Headquarters	Transport												
8th Field Co	I.34.c.5.7.	N.12.b.3.7. sheet 62D												
14th " "	I.33.d.7.3.	O.1.c.0.5 " "												
15th " "	O.1.a.3.5.	H.36.a.3.5. " "												

W. H. H.

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WAR DIARY

APPENDIX

OF

HEADQUARTERS 5TH. AUSTRALIAN DIVISIONAL ENGINEERS.

FOR

A P R I L

1918.

LIST OF APPENDICES.

No.	Subject.
1.	Seniority of Engineer Lieutenants.
2.	Report on Bridges over SOMME between CAMON and SAILLY le SEC.
3.	Engineer Instructions for Operations proposed on 11/4/18.
4.	Working party's table for work on Reserve Line. Reserve System.
5.	Instructions for Guards on Mines, Roads & Bridges.
6.	Report on Work done on Bridges & Approaches.
7.	Works Report for period ending 13th. April.
8.	Engineer Instructions No. 1.
9.	Memo. explaining how R.E. Stores are obtained and issued.
9a	Bridges taken over by 5th Aust. Pioneer Bn;
9b	Memo. re enforcing gas discipline.
10.	Engineer Instructions No. 2.
11.	Paragraphs for inclusion in Divisional Works Policy Memo.
12.	Works Report for period ending 20/4/18.
13.	Works Report for period 19th. to 27th. inclusive.
14.	Graph shewing weights of weekly issues of R.E. material issued during the month.
15.	Graph shewing Ration Strength of men.
16.	Graph shewing Ration Strength of Officers.
17.	Graph shewing Ration Strength of Horses.
18.	Graph shewing Casualties for the month.
19.	Graph shewing Weather during month.
20.	Blue Prints of Bridge Approaches.
21	Plan of defences divl. area.

M. Smith

Headquarters,
5th. Aust. Division.

APPENDIX 1

I wish to bring the following to notice, for consideration by A.I.F. Headquarters as to the advisability of adjustment of seniority of Lieutenants of Australian Engineers.

In the latest Lists available, two Officers, recently arrived from Australia, have, without previous active service in the Field, been placed respectively 1st. and 6th. in the order of seniority of the whole of the Lieutenants of Australian Engineers. The Officers are Lieut. (Hon. Capt.) CALDER J. and Lieut. MORTON F.H..

This seems quite an injustice to other excellent Officers, many of whom have earnestly served the A.I.F. as Lieutenants on the actual battle front for just on 2 years, and many of whom have been awarded decorations for their gallantry and devotion to duty.

Here it might be argued that the A.I.F. Seniority Lists of Officers are solely for indicating the order of Seniority according to dates of substantive rank; but it must be remembered that the precedent has been set of promoting Lieutenants of Engineers to be Captains, solely on seniority as shewn in these Lists, regardless of whether the said Lieutenants happened to be at the Training Base, Reinforcement Depot, or on the actual battle front. Examples can be quoted where this has been done.

It is thus, that injustice is unintentionally done to the Officers mentioned as having 2 years battle experience.

The Lieutenants affected in this Division alone are:-

Lieut. H.W. Fry, M.C.
" H.S. Buchanan.
" R.A. Holmes. M.C.
" N.J. Nangle.
" C.K. Oliver. M.C.

I would suggest that all Reinforcement Lieutenants should take post in the Seniority Lists (regardless of dates of substantive rank) after all Lieutenants who have had 6 months service as Lieutenants on the battle front. The justice of this is immediately apparent, when it is remembered that, by the rules for promotion, a 2/Lt. is not even supposed to be fit for recommendation for promotion to Lieut. until he has done 3 months with the Unit on the front. Why, therefore, should a Lieutenant direct from Australia, who has not seen the front even, take preference over those who have served valiantly at the front for 2 years?

It is strongly recommended that this matter be brought to notice for consideration of A.I.F. Headquarters.

Sgd L.F. S. Mather

Lieut-Col. A.E.
C.R.E.

5th. Australian Division..

26/124/3.
4/4/18.

Mayer

250
REPORT ON EXISTING BRIDGES OVER SOMME RIVER BETWEEN
CAMON AND SAILLY-le-SEC

APPENDIX 2 20

O.C.

8th Field Company, A.E.

In accordance with your instruction relating to memo. from C.R.E. dated 6th April '18 No. 83/20/9, I have this day made a reconnaissance of all the Bridges on the SOMME River from CAMON to SAILLY-le-SEC and now beg to report as follows -

- (1) The positions of all bridges are shown on accompanying tracing. Map locations refer to sheet 62D.
- (2) The towpath or narrow roadway follows along the left or southern bank of the Canal from CAMON to CORBIE and from CORBIE upwards it follows the right bank.
- (3) The main road from CAMON to LONGUEAU passes over a steel truss bridge at M.16.d.8.4. This bridge will carry any load and has been built high enough to allow the River boat traffic to pass underneath.
- (4) The railway bridge at N.13.d.8.1 is a heavy steel truss bridge with high embankments on either end - suitable for Infantry to cross.
- (5) Bridge 'C' at N.14.d.0.2 is a medium pontoon bridge of 5 bays and will carry Infantry in fours or Field Guns.
- (6) Bridge 'B' at N.15.c.8.4 is a trestle bridge of 2 bays across Lock and will carry Field Artillery.
- (7) Bridge 'A' at N.16.c.7.2 is a medium pontoon and Weldon trestle bridge of 5 bays and will carry Field Guns or Infantry in fours.
- (8) Bridge 'D' at N.17.c.7.3 is a pontoon and Weldon Trestle medium bridge similar to Bridge 'A'.
- (9) Descriptions and sketches showing approaches to 'A' 'B' 'C' and 'D' have already been forwarded.
- (10) The Railway Bridge at N.12.d.4.3 is a heavy steel truss bridge. The railway line on either side of bridge is on a high embankment and the approach is impracticable, for horse traffic. The bridge can be used by Infantry in fours walking on the sleepers.
- (11) Lock situated at N.12.b.9.3. The lock gates being closed form bridges at both ends wide enough to take Infantry in single file.
- (12) The main road from DAOURS to AUBIGNY passes over steel truss bridges over the Canal at O.1.c.2.5 and over the Spillway at N.6.d.8.5. Both these bridges will carry any load.
- (13) Railway Bridge at O.2.b.7.3 is a masonry arch bridge. As in the case of the other railway bridges the ~~high~~ high embankments render it impracticable for vehicular traffic but is suitable for Infantry in fours.
- (14) Main road from CORBIE to FOUILLOY passes over steel truss bridge at Lock at O.5.c.4.7 which will carry any load.
- (15) Two barrel pier foot bridges of 7 bays each have been constructed at O.6.a.9.8 and O.6.a.9.9 suitable only for Infantry in single file.
- (16) Barrel pier foot bridge of 8 bays at J.25.d.5.5 suitable for Infantry in file.
- (17) A barrel pier foot bridge suitable for Infantry in single file was being built by 9th Field Co. A.E. at J.32.b.7.7; was not completed at noon today.
- (18) Barrel pier foot bridge at J.28.c.0.1 of 8 bays suitable for Infantry in single file.
- (19) The steel truss ~~bridge~~ bridge at J.34.b.3.3 was demolished by 11th Field Co. A.E. on night of 3rd instant.

7/4/18

(Sgd) R.A. HOLMES Lieut.
8th Field Co. A.E.

With reference to para. 19 of above report, a foot bridge has now been constructed over demolished steel truss bridge at J.24.b.3.3.
(sheet 62D)

W. May

FURTHER REPORT ON BRIDGES OVER SOMME RIVER.

APPENDIX 2

In compliance with verbal instructions from C.R.E., I have made a further reconnaissance of existing Bridges over SOMME River between CAMON and SAILLY le SEC and found that since my last report dated 7th. inst. One Barrel Pier Bridge suitable for Infantry in single file has been constructed at I.30.d.5.0..

The Steel Truss bridge at J.34.b.3.3. which was partly demolished by 11th. Field Coy. A.E. has been repaired sufficiently to carry foot traffic.

Steel Truss bridges are now being built at O.1.c.2.5. and at N.6.d.8.5. to duplicate the Steel Truss bridges now in use.

An Inglis rectangular steel bridge has been erected at N.14.d.0.3., and the Pontoon bridge reported at that spot has been dismantled.

This steel bridge will carry "A" loads, and plank road approaches have been made on both sides of river from GLISY to LAMOTTE.

A plank road has been partly completed from TRONVILLE CHATEAU at N.21.central, to bridge site at N.15.d.2.3., where I understand an Inglis Steel bridge is to be erected as soon as material arrives.

15/4/18.

(Sgd) R.A. HOLMES, Lieut.
8th. Field Company. A.E.



ENGINEER INSTRUCTIONS FOR OPERATIONS OF /4/1918..

GENERAL - The Divisional Engineers will be responsible for the location and technical supervision during construction, of Strong Points at locations shown below -

Strong Point	Map Location	Field Company responsible.
'A'	P.32.d.0.2)	14th Field Co Engrs.
'B'	P.33.a.8.4)	
'C'	P.27.b.0.6)	
'D'	P.22.c.5.8)	15th Field Co. Engrs.
'E'	P.16.c.8.3)	
'F'	P.17.a.4.0)	
'G'	P.16.b.6.4)	
'H'	P.11.a.6.6)	

Location given can only be approximate, as best advantage must be taken of ground available.

NATURE OF STRONG POINTS - This will be the standard 'One Platoon' Post used in this Division. i.e. Two front firing bays of 24 feet length each, separated by a 18'x 18' traverse, with a wing trench set back at 45 degrees, on each flank, also 24 feet long each. Owing to the inadvisability of wasting men on daylight wiring, no wiring will be attempted till dusk when new parties will be arranged for to do this.

WORKING PARTIES - These will be found by 5th Aust. Pioneer Bn. and each S.P. party will consist of 25 men available for digging, under 1 officer and necessary N.G.O's.

TOOLS - Pioneers will arrange for their own tools.

TIME OF ADVANCE OF S.P. PARTIES - Owing to the attack taking place at dawn, it is advisable that S.P. parties should get onto the job as promptly as possible, so that, by the time daylight is well advanced they will be well dug down and have cover. Therefore Engineer Officers in charge of the S.P. parties will arrange to arrive on their tasks one quarter of an hour (15 minutes) after the Infantry have gained their final objective. Close liaison with Brigades must be kept to facilitate this, so that the parties may not be unnecessarily exposed by coming up in daylight.

LIAISON WITH BRIGADES - Field Company Commanders will be at Brigade Headquarters during the operation, and will keep C.R.E. posted by brief, concise and frequent reports, and by sketches wherever possible to show the checked location and progress of S.P's.

RUNNERS - Company runner (cyclists) to C.R.E. must be used so as not to be dependent on B.A.L.S. C.R.E. will also be accessible at all times by telephone.

RECONNAISSANCE - Daylight reconnaissance, both of possible routes to S.P's, and of assembly positions will save enormous trouble and must be made.

RESPONSIBILITY - It is to be clearly understood that the Engineer Officers are absolutely responsible for the location and construction of S.Ps and the Pioneers for the digging only.

RELIEFS - The parties will be relieved when they are able to report to Brigade Headquarters that work is complete, and after relief must be assembled in rear positions and marched back as formed bodies under their officers.

REMARKS - Separate instructions will be issued regarding subsequent wiring of posts etc.

ACKNOWLEDGE

10/4/18

W. Mathew Lt-Col. A.E.
C.R.E.
5th Aust. Division

Copies to 8th Field Co

14th " "

15th " "

5th Aust. Pioneers.

S.H.O.

2 0 5 26
1 5 1 25
2 0 1 2
6 6 2 21
6 8 2 61
1 1 3 71
2 0 0 61
6 8 2 17

5TH AUSTRALIAN DIVISION:

ENGINEER INSTRUCTIONS FOR OPERATION OF - /4/18..

BRIDGES - The 15th Field Company, A.E. will construct a Medium Pontoon Bridge at J.28.c.0.3 to be complete by 8 p.m. on 10/4/18, and will police the bridge to ensure legitimate traffic over it for the period of the operations. One spare pontoon floored with T.&G. Timber will be moored on the upstream side, and will be available for transporting Field Gun ammunition upstream, if required by the C.R.A.

10/4/1918

W. M. Mathews Lieut-Col. A.E.
C.R.A.
5th Australian Division.

Copies to - 14th Field Co.
15th Field Co.
5th Aust. Pioneer Bn.



WORKING PARTY TABLE

APPENDIX 4

No. of Party	Strength of Party	Report to	Rendezvous	Time	Date	Remarks
1	4	200	Lt. Paton 8th F. Co. O.20.b.5.4	9.0 p.m.	14/4/18	Picks 100, shovels 100.
2	4	200	Lt. Dunn, 8th F. Co. O.8.c.9.7	9.0 p.m.	14/4/18	Picks 50, shovels 150.
3	4	200	Lt. Paton 8th F. Co. O.20.b.5.4	2.0 a.m.	15/4/18	Picks 100, shovels 100.
4	4	200	Lt. Dunn, 8th F. Co. O.8.c.9.7	2.0 am	15/4/18	Picks 50, shovels 150.
5	2	150	Off. of 14th F. Co. 14th F. Co. H. Qrs O.8.b.5.5	7.30 pm	14/4/18	Each man to carry a shovel.
6	2	150	"	8.0 p.m.	14/4/18	" " " " " "
7	2	150	" Road fork O.25.c.5.4	7.30 pm	14/4/18	" " " " " "
8	2	150	"	8.0 p.m.	14/4/18	" " " " " "
9	1	100	Lt. Marnie, 15th Fd. Co. Hamlet Shrine RXX P.1.a.5.6	8.0 p.m.	14/4/18	Work on reserve line
10	1	100	Lt. Hardinge 15th Field Co. Hamlet Shrine Cemetery P.1.c.1.2	8.0 p.m.	14/4/18	" " " "
11	1	100	Lt. Ewart 15th Field Co. Vouilloy Church O.10.b.4.7	8.0 p.m.	14/4/18	" " " "
12	1	100	Lt. Oliver 15th FC.	8.0 a.m.	14/4/18	Work on reserve switch.

APPENDIX

4-25

Headquarters 5th. Australian Divisional Engineers.

APP. 5.

C.O.,
5th. Aust. Pioneer Bn.

Please see that the following orders re demolition of bridges are handed in writing to all pickets supplied by you for this purpose.

- (i) Bridges will be destroyed only under the following conditions:-
 - (a) On the written orders of an officer not below the rank of Brigadier-General.
 - (b) In the event of our Infantry or Artillery having retired across the bridge, the latter coming under direct rifle or machine gun fire.
- (ii) The fact of any bridges having been destroyed will be reported immediately to 5th. Aust. Division.
- (iii) In all cases the damage done by the explosion or fire; whichever is employed will be definitely ascertained.

Orders for road craters to be blown will also be in writing, thus:-

"When the Germans are in sight, and our troops are retiring, the sentries will fire the fuses."

Sgt. L. F. S. Mather.

Lieut-Col. A.E.
C.R.E.
DIVISION..

5TH. AUSTRALIAN

13/4/18.




APP. 6.

Headquarters 5th. Australian Divisional Engineers.

REPORT ON WORK DONE ON THE FOLLOWING BRIDGES AND APPROACHES THERETO.

- No. 14. Steel Bridge (N. 14. d. 0. 2.)
 No. 16. Pontoon Bridge (N. 16. c. 7. 2.)
 No. 17. Pontoon Bridge (N. 17. c. 7. 3.)

1. American Engineers commenced building an Inglis Heavy Through Bridge on 8/4/18 at Sheet 62D, N. 14. d. 0. 2.; ~~and~~ it was completed on 11/4/18.

Plank roads to N. & S. heads of this bridge were completed at 6 p.m. on the 12th. instant.

Rough sketch shewing plank roads and bridge is attached.

2. Instructions were issued to the 8th. Field Coy. at 6 p.m. on the 5th. instant to throw a pontoon bridge across the SOMME at Sheet 62D, N. 16. c. 7. 2.. This bridge was completed at 8.30 p.m. on the same day.

The southern approach to this bridge is a metalled road.

Work was commenced ~~on~~ corduroying the northern approach from the bridge head to the Railway Line, as shewn on attached rough sketch, on 7/4/18, and ^{was} completed by 12 noon on the 12th. instant; 220 yards of corduroy were laid.

3. The 8th. Field Coy. were instructed at 1.30 p.m. ^{6th. inst.} to throw a pontoon bridge across the SOMME at Sheet 62D, N. 17. c. 7. 3. as soon as possible and that the Corps would send material to Square BLANGY TRONVILLE at 5 p.m.. The bridge was finished the same night.

Work was commenced ~~on~~ corduroying southern approach to this bridge on the 11th. instant and was completed at 6 p.m. on the 13th. instant, by the 5th. Aust. Pioneer Bn.

709 yards of corduroy and 43 yards of metal were laid as shewn on the attached rough sketch.



Lieut-Colonel. A.E.

C.R.E.

5th. Australian Division.

14/4/18.



APP. 7.

Headquarters 5th. Australian Divisional Engineers.

73/169/5

Headquarters,
5th. Aust. Division.

Engineering work ^{in this area} up to and including the 13th. inst. has been carried out by this Division as follows :-

(a) R.E. Dumps have been established at the following locations:-

O.9.a.7.4.

O.10.d.6.8.

O.6.d.7.9.

(b) Pontoon Bridges have been built at :-

N.16.c.7.2.

N.17.c.7.3.

J.26.c.0.3.

220 yards of corduroy have been laid on northern approach to No.16. Pontoon Bridge, N.16.c.7.2..

709 yards of corduroy and 43 yards of metalled road have been laid on southern approach of No.17. Pontoon Bridge.

Pontoon Bridge at J.26.c.0.3. has been dismantled as owing to the tactical situation it was not required.

Bridges to take Field Guns have been erected at :-

N.5.b.4.1.

I.29.c.5.9.

I.29.c.8.8.

I.29.a.3.0.

Dummy Bridges have been erected at :-

O.4.c.2.0.

O.2.a.2.8.

N.18.d.0.5.

N.18.c.1.4.

(c) Road Mines. Roads have been mined at the undermentioned places. It is estimated that a crater 30' in diameter and 15' deep will be formed when charges are exploded.

O.18.b.5.3.. O.29.c.9.4.

O.10.d.6.8.. O.30.c.2.3.

O.11.a.5.1.. O.36.a.3.6.

(d) Trenches. Right Brigade.

The Excavations ^{undermentioned} have been completed of S.Ps. which will each hold a platoon, and which are located as follows :-

O.30.d.2.6.. O.24.d.2.6.

O.30.d.3.9.. O.24.d.25.50.

O.30.a.15.35.. O.24.a.95.10.

O.30.a.25.80.. O.24.b.2.6.

O.18.d.45.00.. O.18.a.75.10.

O.18.d.25.50.. O.18.d.9.4.

O.18.c.95.80..

(2)

952 yards of trench have been dug connecting S.Ps. to form a reserve line.

Trenches. Left Brigade.

Excavation of ^{have been completed} the S.Ps. which will each hold a platoon and which are located as follows: ~~has been completed.~~

J.31.c.1.7.

J.31.c.8.3.

P.1.b.0.5.

P.1.c.6.0.

P.7.a.2.5.

P.7.c.7.7.

P.13.a.0.8.

Four other S.Ps. have also been dug on this front.

(e) Wiring.

On the Right Brigade front 648 yards double apron have been erected.

On the Left Brigade front 250 yards double apron wire entanglement have been erected.

GENERAL.

Accommodation for 160 men has been made at 0.17.c.3.5..
Two shelters have been built at 0.23.2.5.6., and two small shelter dugouts at P.7.a.1.0..

18/4/18.

5th. Australian

Lieut-Col. A.E.
C.R.E.
Division..



SECRET

Headquarters 5th. Australian Divisional Engineers.

APPENDIX 8

5th. AUSTRALIAN DIVISIONAL ENGINEER INSTRUCTIONS No. 1.

1. If the situation permits, the boundary between the III. and Aust. Corps is to be adjusted as follows :-
From P.19. central westwards along GRID Line to N.24.a.0.0. - along BLANGY TRONVILLE Road (inclusive to Aust. Corps) - Railway at N.22.c.4.2. - along Railway to M.24.a.6.9. - thence due north to River SOMME - thence as before -.
2. The 25th. Inf. Brigade, 8th. Division, will take over the Right Brigade front of 5th. Aust. Division, as far north as the new inter-Corps Boundary (vide para.1.) on the night 20/21st. April. 5th. Aust. Division front will then be readjusted.
3. At 9 a.m. on 21st. April the 5th. Aust. Division comes under the Command of the Aust. Corps, and the new Corps Boundary comes into force.
4. (a) 2nd. Field Coy. R.E. will relieve the 8th. Field Coy. A.E., on work on AUBIGNY Line south of new Divisional Southern Boundary.
(b) 490th. Field Coy. R.E. will take over work on front system, south of new Divisional Southern Boundary, from 14th. Field Co. A.E.
(c) 22nd. D.L.I. will take over from 5th. Aust. Pioneer Bn., the control of the 3 road mines in VILLERS-BRETONNEUX.
(d) Reliefs will be completed by 9 a.m. 21st. inst..
5. Officers from Units concerned of 8th. Division will meet Officers of 8th. and 14th. Field Coys., and 5th. Aust. Pioneer Bn. at the Headquarters of each of the Australian Units concerned at 9 a.m. 20th. inst., so that arrangements may be made to shew relieving Officers over work, and to hand over.
6. ACKNOWLEDGE.

19/4/18.

Ally
Lieut-Col. A.E.
C.R.E.
5th. Australian Division.

Copies to :-

8th. Field Co.
14th. Field Co.
5th. Pioneer Bn.
C.R.E., 8th. Division.



APPENDIX No. 9.

HEADQUARTERS 5TH. AUSTRALIAN DIVISIONAL ENGINEERS.

C.R.E.No.8/142/29.

8th. Field Co.
14th. Field Co.
15th. Field Co.
N.C.O., i/c. AUBIGNY Dump.

On and after the 21st. instant, R.E. Stores for 5th. Aust. Division will be obtained from QUERRIEV Corps R.E. Dump. 20% of stores received at this Dump are available for this Division. This material will be transported to 5th. Aust. Divisional Dump; AUBIGNY and allotted to Field Coys., who may draw from this dump, only, on an Engineer Officer's signature; as follows :-

Barbed wire	$\frac{1}{3}$ of total amount received at Dump to each -	8th. 14th. & 15th. Fd. Cos.
-------------	--	-----------------------------

Screw Pickets.	One half of total amount received at Dump to each -	14th. & 15th. Fd. Cos.
----------------	---	------------------------

Angle iron pickets.	One half of total amount received at Dump to each -	do
---------------------	---	----

Wood Pickets.	One third of total amount received at Dump to each -	8th. 14th. & 15th. Fd. Cos.
---------------	--	-----------------------------

French wire, shovels and Picks.	Are reserved and only issued on C.R.Es. Signature.	
---------------------------------	--	--

All other R/E/ Stores.	One quarter of total amount received at Dump to each - The remaining quarter is to be a Reserve and issued only on C.R.Es. Signature.	8th. 14th. & 15th. Fd. Cos.
------------------------	--	-----------------------------

As soon as the supply of R.E. Stores improves; material will be delivered direct to Coy. Dumps.

20/4/18.

C.R.E., 5TH. AUSTRALIAN

(Sgd) N.J. NANGLE, Lt. & Adjt.
for Lt- Col. .
DIVISION ..

M. J. Nangle



Appendix 9a

HEADQUARTERS, 5TH AUSTRALIAN DIVISIONAL ENGINEERS;

C;O.

5th Pioneer Bn;

Please arrange to take over on 22nd instant from 15th Field Co. the guarding and responsibility for demolition of bridges at following locations;

J.34.b.3.3.

J.28.c.0.2

J.32.b.8.7.

J.25.d.5.6.

I.30.d.5.0.

O.6.a.9.9. (2 foot bridges)

O.4.d.7.5.

An officer of your battalion should meet an officer of 15th Field Co; at 4 p.m. 22nd instant at CORBIE Bridge (over SOMME at Lock) to take over these bridges.

One axe and one hand axe are required at each of these bridges.

Sgd N.J.NANGLE Lt; and Adjt.
for C.R.E.

5th Australian Division.

22/4/18

O;C.

15th Field Co.

For your information. Please arrange for an officer to meet Pioneer Officer as stated in above memo.

Sgd N.J.NANGLE Lt and Adjt.
for C.R.E.

5th Australian Division:

22/4/18




APP. 9 b

HEADQUARTERS 5TH. AUSTRALIAN DIVISIONAL ENGINEERS.

8th. Field Co.
15th. Field Co.

As a large number of ^{Gas} casualties have occurred lately, it is desired that special attention be paid to Gas Discipline, and everyone be instructed that precautions are to be taken, when there is Gas about, however slight the concentration may appear.

Lt. Col. A.E. C.R.E.

Lieut-Col. A.E.
C.R.E.

26/4/18.

5TH. AUSTRALIAN DIVISION ..



APP 9b

HEADQUARTERS 5TH. AUSTRALIAN DIVISIONAL ENGINEERS.

O.C.,
14th. Field Co.

The number of casualties caused by gas, in your company during the last two days has been excessive considering the conditions to which the unit was exposed.

It is quite realised that some of these casualties were unavoidable owing to the men's billets being shelled directly with gas; but it is nevertheless considered, that not enough attention was paid to Gas Discipline, and that many of the casualties could have been avoided.

Please take immediate steps to ensure that the gas discipline of your unit is improved.

Lt. Col. A.E. C.R.E.

Lieut-Col. A.E.
C.R.E.

5TH. AUSTRALIAN DIVISION.

26/4/18.



APPENDIX 10.

SECRET.

HEADQUARTERS 5TH. AUSTRALIAN DIVISIONAL ENGINEERS.

5TH. AUSTRALIAN DIVISIONAL ENGINEER INSTRUCTION No. 2.

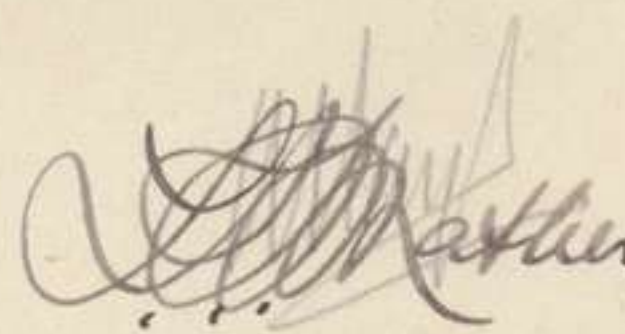
1. The 8th. and 15th. Field Companies will relieve each other on 1st. proximo, the 8th. Field Company taking over 15th. Field Company billets and transport lines, and vice versa.
Relief is to be complete by 9.0 am. on 1st. proximo.

2. Os.C. Companies will arrange mutually all details of relief.
No break in the continuity of work is to occur.

Addressed 8th. Field Co.
15th. Field Co.

Copies to 14th. Field Co.
8th. Aust. Inf. Bde.
15th. Aust Inf. Bde.

29th. APRIL 1918.

 Lieut-Col. A.E.
C.R.E.
5th. AUSTRALIAN DIVISION..



APPENDIX 11

Para. 3. ENGINEER DISTRIBUTION.

14th. Field Co. Headquarters at I.33.d.7.3. Transport at O.1.c.0;5. allotted to Right Bde. Area at present held by 14th. A.I. Bde. Responsible for work from AUBIGNY Line (exclusive) to RESERVE Line (inclusive) of Forward Zone.

15th. Field Co. Headquarters at I.34.c.2.8. Transport at H.36.a.3.5. one Section living forward at J25a60 + J26.a.5.9 for work north of River allotted to Left Bde. Area at present held by 8th. A.I. Bde. Responsible for work from AUBIGNY Line exclusive forward to Reserve Line inclusive of Forward Zone.

8th. Field Co. Headquarters at O.1.a;3.5. Transport at N.12.b.3.7. Responsible (as reserve Field Co.) for works from AUBIGNY Line (inclusive) towards rear; also includes bridgehead defences on Right bank of SOMME for bridges west of Railway bridge at N.12.d.4.3., and bridgehead defences on both banks of SOMME for bridges east of this inclusive. Also responsible for other general works not in the two forward Bde. Areas.

Para. 4. PIONEERS DISTRIBUTION.

Headquarters in BUSSY-les-DAOURS, H.35.c;7.3.. Unit bivouacks in Splinter proof dugouts along bank 500 yards East of BUSSY. Responsible for work under C.R.E.. Have been chiefly employed so far on (1) Bridge approach roads,

(2) Support Line of AUBIGNY Zone and its communications to front line of same.

(3) Bridgehead defences.

(4) Entrenchment on Divisional Right Flank, facing VILLERS BRETONNEUX.

Para. 5. SYSTEM OF SUPPLY OF R.E. STORES; LOCATION OF DUMPS ETC.

R.E. Stores are conveyed from Corps R.E. Dumps at QUERRIEU and POULAINVILLE by motor lorries to 5th. Aust. Div. R.E. Dump at AUBIGNY, O.9.a.7.4..

These Stores are then conveyed by horse transport to Field Coy Dumps at O.6.d.7.9. and O.10;d.6.8. and thence to the line.

A proportion of R.E. Stores is delivered direct by motor lorries from Corps Dumps to Field Coy. Dump at I.34.c.2.8. for use on defences north of the SOMME.

Para. 6. DIVISIONAL WORKSHOPS. N I L.Para. 7. WORKS IN HAND SHOWN IN ORDER OF URGENCY:-

1st. Right Flank Defences. from O.20.b.7.3. to approx. O.18.d.5.2. to be dug as a line of Pivot S.Ps. firing south, and ultimately to be made a connected line by putting in intermediate S.Ps. and Communication trenches.

2nd. Reserve Line of AUBIGNY ZONE. This has been sited, and is to be constructed on the same principle as (1) except the direction of fire.

3rd. Bridgehead Defences.

4th. Completion of works on Reserve Line of Forward Zone with its Switch to the rear of HAMELET. This line is strongly established and is therefore not placed higher up on the list.

5th. Linking up our Zones to works in the area north of SOMME which was taken over from 3rd. Aust. Division.

2.

6th. Digging of a communication trench (and fire trench combined) from J.28.a through J.27.b.5.2. thence west following approximately the contours and connecting existing posts.

General. Assistance to front line battalions (with wiring and connecting up.)
Dugouts; Brigade, Battalion, O.Ps, Artillery.
Bridges, maintenance of.

Para. 8. PROJECTED WORKS

1. Continuation of Right Flank Switch Line, which should eventually run back from P.8.c. through P.13.central to O.18.d.5.0. thence Westward to AUBIGNY Line at O.20.b.cent. thence S/W. to about O.20.c.0.0..
2. A Further Switch Line. (Old 'Cavalry Switch'), should be constructed from Front Line at P.13.d.9.1., through P.19cent. to O.30.CENTRAL (this is however now in 4th.Divisional Area).
3. Completion of Reserve Line of AUBIGNY Zone.
4. Provision of Deep Dugout accommodation for Reserve Troops when material becomes available (Bde. and Bn. H.Qrs. are already catered for).
5. Forward Communication from Reserve Line to Forward Posts.
6. Repair of Roads as this becomes necessary and material available. At present roads in the area are remarkably good.

W. M. W.



APP 12

Headquarters 5th. Australian Divisional Engineers.

Headquarters,
5th. Aust. Division.

Ref. Map. Sheet 62D.

Engineer work in this Area, from 13th. to 20th. inst. inclusive, has been carried out by this Division as follows :-

- (a) BRIDGES. Another bridge to take Field Guns has been erected at N.5.b.4.1..

Two Foot bridges have been constructed at O.5.c.9.2. and O.5.c.9.1. respectively.

Pontoon equipment has been removed from 3 small bridges in Southern Approach to No. 17 Bridge and permanent structures to take Field Guns erected instead.

Dummy Bridges have been placed in position at:-

J.32.a.9.7.

I.36.b.7.1.

O.5.d.9.9.

- (b) ROAD MINES. In road at O.10.d.5.8. a charge has been placed, tamped and is ready for firing.

- (c) TRENCHES. Right Brigade.

3715 yards of trenches have been dug connecting S.Ps. in Reserve & Support Lines.

Left Brigade.

Strong-Points at undermentioned locations have been dug:-

P.2.c.2.5.

P.2.c.1.1.

P.7.b.8.8.

2600 yards of Traversed Trench have been dug on Reserve Line (P.18.b. to J.31.c.).

1020 yards of Traversed Trench dug on Switch Reserve Line (O.11.b. and O.11.d.).

Divisional Reserve Line. (AUBIGNY).

3300 yards of Traversed Trench have been dug and 800 yards improved from O.27.c. to O.1.b. and O.9.a..

27 S.Ps. (1190 yards of trenches), 1056 yards connecting trenches, and 976 yards of communication trenches have been dug on Reserve Line of AUBIGNY Line.

- (d) WIRING. Right Brigade.

5670 yards double apron fence have been erected from O.18.a. to O.30.d..

Left Brigade.

On Left Bn. front 550 yards of double apron fence and 289 yards of single apron fence have been erected.

Across Centre Bn. front the double apron fence erected, requires

(2)

300 yards to complete entanglement.

The Right Bn. front is now wired to an average depth of 10 ft. right across, ~~front~~ with low wire entanglement.

Reserve Line.

3950 yards of double apron fence have been constructed on Reserve line (J.31.a to P.7.c.).

800 yards of double apron fence have been erected on Switch Line of Reserve Line (O.11.b. and O.11.d.).

Divisional Reserve Line. (AUBIGNY).

7775 yards of double apron fence ^{have been} erected and 2540 yards thickened from O.27.c. to O.1.b. and O.9.a..

(e) ACCOMMODATION. Assistance and supervision have been rendered to 2 battalions making bivouacs in O.13.a.. These bivouacs are 90% completed.

6 Splinter-proof shelters have been built at O.24.a.3.2. and 3 at O.22.d.7.1..

4 corrugated shelters ^{have been} erected in O.17.c..

(f) DEEP DUGOUTS.

(1) Bn. Headquarters P.7.a.1.0.

"a" Bn.R.A.P. Entrance drive 6' x 3' has been driven and timbered 7'; chamber 7' x 6' has been driven and timbered 9'.

"b" Bn.H.Qrs. Entrance drive 6' x 3' has been driven and timbered 6' and chamber 7' x 6' driven and timbered 4'.

"c" Signals. Entrance drive 6' x 3' has been driven and timbered 6' and chamber 7' x 6' driven and timbered 3'.

"d" Personnel. Entrance drive 6' x 3' has been driven and timbered 5'..

(2) Left Bn. Headquarters. O.24.a.4.8.

No.1. shaft has been sunk 6'9" and No.2. shaft 12'.

(3) Brigade Headquarters.

Three entrances to dugouts at I.35.c.35. have been commenced. One has been driven 42', another 38' and the third 41'..

(4) Brigade Headquarters. O.17.c.3.7.

Two entrances have ^{each} been driven and timbered 10'.

(5) D.H.Q..H.34.d.3.3. approximately.

Two entrances have been commenced 56' apart and have each been driven and timbered 16'.

(6) Artillery Dugout. O.10.b.0.4.

Two ~~inclines~~ have been commenced 56' apart and each driven & timbered 14'..

Wlad



(3)

(7) Artillery Dugout. 0.10.b.0.0.

Two inclines have been commenced 27' apart and each driven and timbered 14'.

(8) Artillery Dugout. 0.10.c.9.8.

Two inclines have been commenced 24' apart and each driven and timbered, 15'..

(9) Artillery Dugout. 0.10.d.1.4.

Two inclines have been commenced 24' apart and each driven 7', and timbered.

(10) Artillery Dugout. 0.22.d.2.7.

Two inclines have been commenced 24' apart and each driven 7' and timbered.

(11) Artillery Dugout. 0.21.b.2.8.

Two inclines have been commenced 22' apart and each driven 8' and timbered.

(12) Artillery Dugout. 0.16.c.4.2.

Two inclines have been commenced 24' apart and each driven 14' and timbered.

(13) Artillery Dugout. 0.16.c.9.6.

Two inclines have been commenced 24' apart and each driven 15' and timbered.

(14) Observation Post. P.19.a.1.0.

Incline commenced ^{have been} driven 13' and timbered.

(15) Observation Post. P.13.a.6.3.

Incline commenced ^{have been} driven 8' and timbered.

MISCELLANEOUS. Baths at 0.5.c.3.9. have been repaired and handed over to 8th. Aust. Inf. Brigade.

65 notice-boards have been made and erected.

May

A. E. C. R. E.

Lieut-Col. A.E.
C.R.E.
5th. Australian Division..

21/4/18



APP. 13.

HEADQUARTERS, 5TH AUSTRALIAN DIVISIONAL ENGINEERS

Headquarters,
5th Aust. Division.

Reference made sheet 62D.

Engineer work has been carried out in this area from 19th to 27th instant inclusive by this Division as follows -

- (a) BRIDGES - The undermentioned bridges have been erected -
- (1) at O.5.c.7.5. A foot bridge across lagoon
 - (2) at O.3.d.1.1. A barrel pier bridge for Infantry in file. This was built to assist in construction of AUBIGNY Line N of river
 - (3) at O.1.a.5.7. Barrel pier bridge for Inf. in single file.
 - (4) at O. 2.a.8.5. Pontoon and trestle bridge. Now dismantled and equipment stacked on N bank of river side. One permanent timber trestle has been built to minimize amount of bridge equipment required.

(b) TRENCHES - RIGHT BRIGADE (14th Aust. Inf. Bde)

912 yds of traversed trench have been dug connecting Strong Points in Reserve and Support Lines; and

286 yards in Reserve Switch Line.

200 yards of old trench have been improved.

LEFT BRIGADE (8th Aust. Inf. Bde.)

a total of 1535 yds of traversed trench have been dug connecting Strong Points in Reserve Line in O.1.a and c and J.31.c.

174 yds of communication trench have been excavated on line connecting J.28.a.2.6 and J.27.b.9.5.

DIVISIONAL RESERVE LINE (AUBIGNY)

A total of 2160 yds of traversed trench have been dug in I.33.c and d, O.3.b and d and O.9.a;

Two breastwork Strong Points have been constructed North of the SOMME.

13 Strong Points (566 yds of trench), 1827 yds communication trench and 2137 yds of connecting trench have been dug on *Support* Line of AUBIGNY Line.



3 breastwork strong points have been constructed North of the river across river flats.

WIRING - RIGHT BRIGADE

A total of 2530 yds of double apron fence have been erected in O.11.b and d, O.12.c, P.7.c and P.12.a.

LEFT BRIGADE

Front Line Centre Battalion -
300 yds of double apron fence and 1020 yds of single apron fence have been erected. Belt of wire is now complete across front and is being thickened;
Front Line Right Battalion.
550 yds of double apron fence and 200 yds of single apron have been erected.

RESERVE LINE ^{Left} BRIGADE -

A total of 1500 yds of double apron fence have been erected in J.24.c, J.25.c and d, P.3.a, P.2.b and d and P.8.b.

a total of 525 yds of double apron fence and 675 yds of 3 wire fence have been erected in O.1. a and c.

DIVISIONAL RESERVE LINE (AUBIGNY)

a total of 2555 yds double apron fence have been erected and 500 yds double apron fence have been improved in O.3.b and d and I.22.c and d.
Chevaux de frise have been made and placed near all gaps in wire on this line.

ACCOMMODATION.

4 shelters have been erected at O.12.c.8.6
6 " " " " " " O.12.c.5.3.
2 " " " " " " O.24.a.4.8.

DEEP DUGOUTS

(1) Battalion Headquarters - P.7.a.1.0
(a) Bn. R.A.P. Entrance has been driven 2'6" and timbered.
(b) Bn. H.Q. Chamber has been driven 1'.
(c) Signale. Chamber has been driven 2'.
(d) Personnel. Chamber has been driven 2'.

(2) Left Battalion Headquarters - O.24.a.4.8.

No.1 Shaft has been sunk and timbered 24'6"

No.2 " " " " " " 26'10"

These shafts are now complete.

No.1 Offset has been driven 2'6" and timbered.

No.2 " " " " " " 5'7" " "

May



(3) Brigade Headquarters - 1.35.e.3.3.
"a" drive 6'6"x4' has been driven 6' and timbered.
"b" drive " " " " " 11' " "
"c" " " " " " " 19' " "
"p" drive in an " 4'6"x4' is an open cut for 25'
and has been driven 5' and timbered.
"a" cubicle 7'x9' is complete;
"b" " 10'x10' is complete.
Offset for "c" cubicle has been driven 5' and
3' of cubicle has been driven and timbered.
Offset for "d" cubicle has been driven 5' and
timbered.
Offset for "e" cubicle has been driven 5' and
4' of cubicle driven and timbered.

(4) Brigade Headquarters - 0.17;0.3.7.
No.1 shaft has been sunk and timbered 15'3"
and No.2 shaft 16'4".

(5) Div. Headquarters - H.34.d.3.3.
Two 6'6" galleries have been driven and timbered;
one 10 feet; the other 22 feet.
~~One gallery 6'6"x4' has been driven and timbered 22 feet.~~

(6) Artillery Dugout - 0.13.e.3.3.
Three chambers 6' x 6' have each been driven
and timbered 8'.

(7) En. Headquarters - J.19.e.4.4.
"A" drive 6'6"x4' has been driven and timbered 28'
"B" " " " " " " " " 21'

(8) En. Headquarters - J.20.e.7.8.
"A" drive 6'6"x4' has been driven and timbered 27'
"B" " " " " " " " " 7'

(9) En. Headquarters - P.7.e.1.3.
R.A.P. Dugout 6'x6' has been driven and timbered 12'
En. HQ " " " " " " " 10'
Signals " " " " " " " 6'
Runners " " " " " " " 6'

MISCELLANEOUS One bath set has been erected at baths in DAOUS
and other improvements are being carried out.

Gas proof doors have been constructed at the
undermentioned places -

3 gas proof doors in R.A.P. at P.7.e.1.3
3 " " " " " dugouts at 0.6.b.3.1.
3 " " " " " " 1.35.e.3.3.

May



4

MISCELLANEOUS
(continued)

Level of water above CORBIE Lock has been lowered 1'6".

20 ~~hot food~~ containers for hot food boxes have been 90% completed.

Pontoon Bridge at N.17.c has been covered with earth and straw.

Sgt. L.F.S. Mather.

Lieut-Col. A.E.
C.R.E.

28.4.1918.

5 th Australian Division..

Mather



WAR DIARY
or
INTELLIGENCE SUMMARY.

(Erase heading not required.)

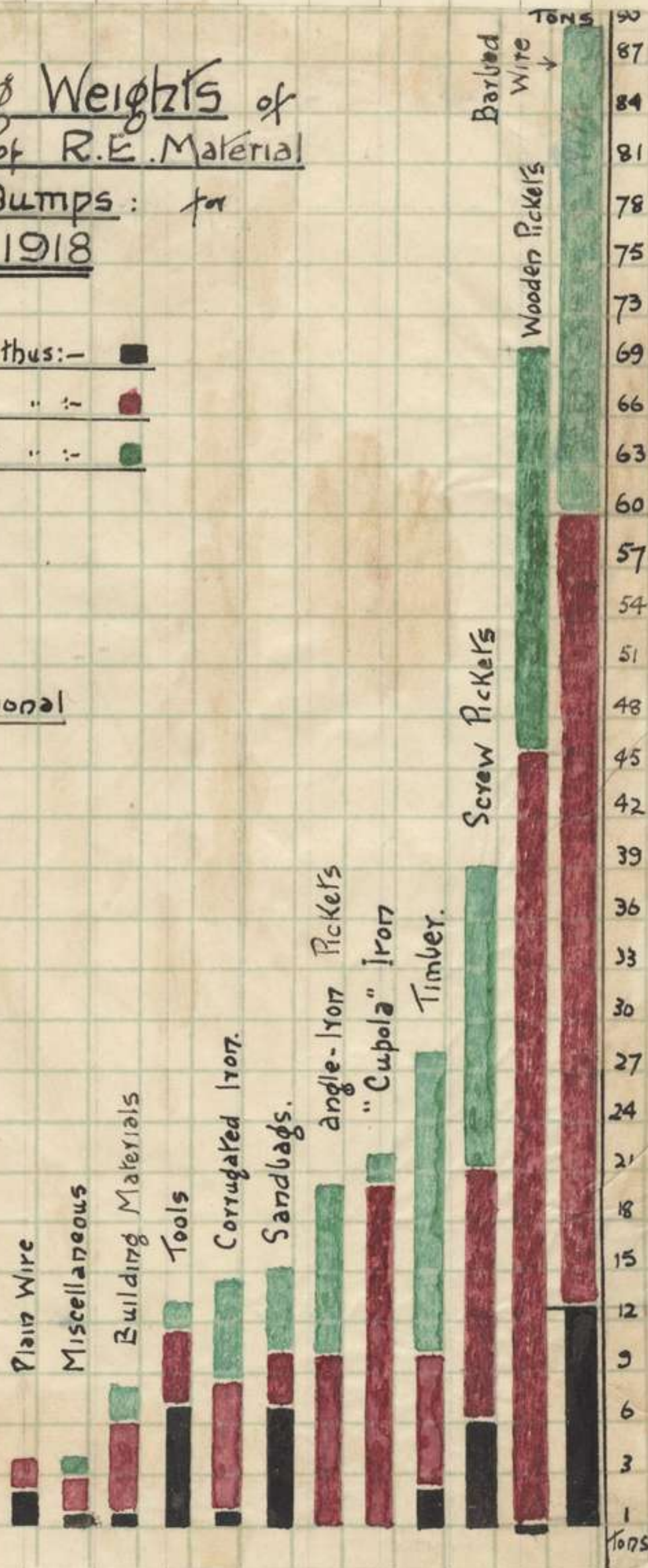
Instructions regarding War Diaries and Intelligence Summaries are contained in F. S. Regs., Part II, and the Staff Manual respectively. Title pages will be prepared in manuscript.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
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Graph Shewing Weights of
Weekly Issues of R.E. Material
from Forward Dumps: for
APRIL 1918

Week Ending	13 th	thus:-	■
"	20 th	" :-	■
"	27 th	" :-	■

5th Australian Divisional
Engineers



APPENDIX 14.

250

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

WAR DIARY
or
INTELLIGENCE SUMMARY.

(Erase heading not required.)

Army Form C. 2118.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices																																																														
			<div><p>Graph Shewing "Ration Strength" for Month of April 1918</p><p>"MEN"</p><p>5th Aust. Divisional Engrs.</p><table border="1"><caption>Data points for 'Ration Strength' graph</caption><thead><tr><th>Day</th><th>Men</th></tr></thead><tbody><tr><td>1</td><td>65</td></tr><tr><td>2</td><td>60</td></tr><tr><td>3</td><td>58</td></tr><tr><td>4</td><td>55</td></tr><tr><td>5</td><td>65</td></tr><tr><td>6</td><td>62</td></tr><tr><td>7</td><td>60</td></tr><tr><td>8</td><td>60</td></tr><tr><td>9</td><td>30</td></tr><tr><td>10</td><td>28</td></tr><tr><td>11</td><td>25</td></tr><tr><td>12</td><td>30</td></tr><tr><td>13</td><td>25</td></tr><tr><td>14</td><td>25</td></tr><tr><td>15</td><td>22</td></tr><tr><td>16</td><td>20</td></tr><tr><td>17</td><td>35</td></tr><tr><td>18</td><td>75</td></tr><tr><td>19</td><td>70</td></tr><tr><td>20</td><td>72</td></tr><tr><td>21</td><td>72</td></tr><tr><td>22</td><td>65</td></tr><tr><td>23</td><td>65</td></tr><tr><td>24</td><td>45</td></tr><tr><td>25</td><td>25</td></tr><tr><td>26</td><td>55</td></tr><tr><td>27</td><td>65</td></tr><tr><td>28</td><td>45</td></tr><tr><td>29</td><td>38</td></tr><tr><td>30</td><td>38</td></tr></tbody></table></div>	Day	Men	1	65	2	60	3	58	4	55	5	65	6	62	7	60	8	60	9	30	10	28	11	25	12	30	13	25	14	25	15	22	16	20	17	35	18	75	19	70	20	72	21	72	22	65	23	65	24	45	25	25	26	55	27	65	28	45	29	38	30	38	
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D. D. & L., London, E.C.
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APP. 15:

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WAR DIARY
or
INTELLIGENCE SUMMARY.
(Erase heading not required.)

Army Form C. 2118.

Instructions regarding War Diaries and Intelligence
Summaries are contained in F. S. Regs., Part II.
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Place	Date	Hour	Summary of Events and Information.	Remarks and references to Appendices																																																														
			<div><p><u>Graph. Shewing Ration Strength</u> <u>for Month of April. 1918.</u></p><p><u>"Officers"</u> <u>5th Aust. Div. Engineers.</u></p><table border="1"><caption>Ration Strength Data (Estimated from Graph)</caption><thead><tr><th>Day</th><th>Ration Strength</th></tr></thead><tbody><tr><td>1</td><td>27</td></tr><tr><td>2</td><td>27</td></tr><tr><td>3</td><td>27</td></tr><tr><td>4</td><td>27</td></tr><tr><td>5</td><td>27</td></tr><tr><td>6</td><td>28</td></tr><tr><td>7</td><td>26</td></tr><tr><td>8</td><td>25</td></tr><tr><td>9</td><td>25</td></tr><tr><td>10</td><td>25</td></tr><tr><td>11</td><td>25</td></tr><tr><td>12</td><td>25</td></tr><tr><td>13</td><td>25</td></tr><tr><td>14</td><td>28</td></tr><tr><td>15</td><td>28</td></tr><tr><td>16</td><td>28</td></tr><tr><td>17</td><td>29</td></tr><tr><td>18</td><td>30</td></tr><tr><td>19</td><td>30</td></tr><tr><td>20</td><td>29</td></tr><tr><td>21</td><td>29</td></tr><tr><td>22</td><td>29</td></tr><tr><td>23</td><td>29</td></tr><tr><td>24</td><td>29</td></tr><tr><td>25</td><td>29</td></tr><tr><td>26</td><td>29</td></tr><tr><td>27</td><td>29</td></tr><tr><td>28</td><td>29</td></tr><tr><td>29</td><td>29</td></tr><tr><td>30</td><td>29</td></tr></tbody></table></div>	Day	Ration Strength	1	27	2	27	3	27	4	27	5	27	6	28	7	26	8	25	9	25	10	25	11	25	12	25	13	25	14	28	15	28	16	28	17	29	18	30	19	30	20	29	21	29	22	29	23	29	24	29	25	29	26	29	27	29	28	29	29	29	30	29	
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APR 16
M. L. G.
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WAR DIARY
or
INTELLIGENCE SUMMARY.
(Erase heading not required.)

Army Form C. 2118.

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			<div><p>Graph Shewing Ration Strength for Month of April. 1918.</p><p><u>"Horses."</u> <u>5th Aust. Div. Engineers.</u></p><table border="1"><caption>Ration Strength Data (Estimated)</caption><thead><tr><th>Day</th><th>Strength</th></tr></thead><tbody><tr><td>1</td><td>280</td></tr><tr><td>2</td><td>275</td></tr><tr><td>3</td><td>270</td></tr><tr><td>4</td><td>275</td></tr><tr><td>5</td><td>270</td></tr><tr><td>6</td><td>280</td></tr><tr><td>7</td><td>275</td></tr><tr><td>8</td><td>270</td></tr><tr><td>9</td><td>200</td></tr><tr><td>10</td><td>200</td></tr><tr><td>11</td><td>200</td></tr><tr><td>12</td><td>190</td></tr><tr><td>13</td><td>190</td></tr><tr><td>14</td><td>190</td></tr><tr><td>15</td><td>190</td></tr><tr><td>16</td><td>190</td></tr><tr><td>17</td><td>180</td></tr><tr><td>18</td><td>300</td></tr><tr><td>19</td><td>270</td></tr><tr><td>20</td><td>270</td></tr><tr><td>21</td><td>280</td></tr><tr><td>22</td><td>280</td></tr><tr><td>23</td><td>280</td></tr><tr><td>24</td><td>290</td></tr><tr><td>25</td><td>290</td></tr><tr><td>26</td><td>290</td></tr><tr><td>27</td><td>300</td></tr><tr><td>28</td><td>290</td></tr><tr><td>29</td><td>290</td></tr><tr><td>30</td><td>290</td></tr></tbody></table></div>	Day	Strength	1	280	2	275	3	270	4	275	5	270	6	280	7	275	8	270	9	200	10	200	11	200	12	190	13	190	14	190	15	190	16	190	17	180	18	300	19	270	20	270	21	280	22	280	23	280	24	290	25	290	26	290	27	300	28	290	29	290	30	290	
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APR. 17.

[Signature]

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WAR DIARY
or
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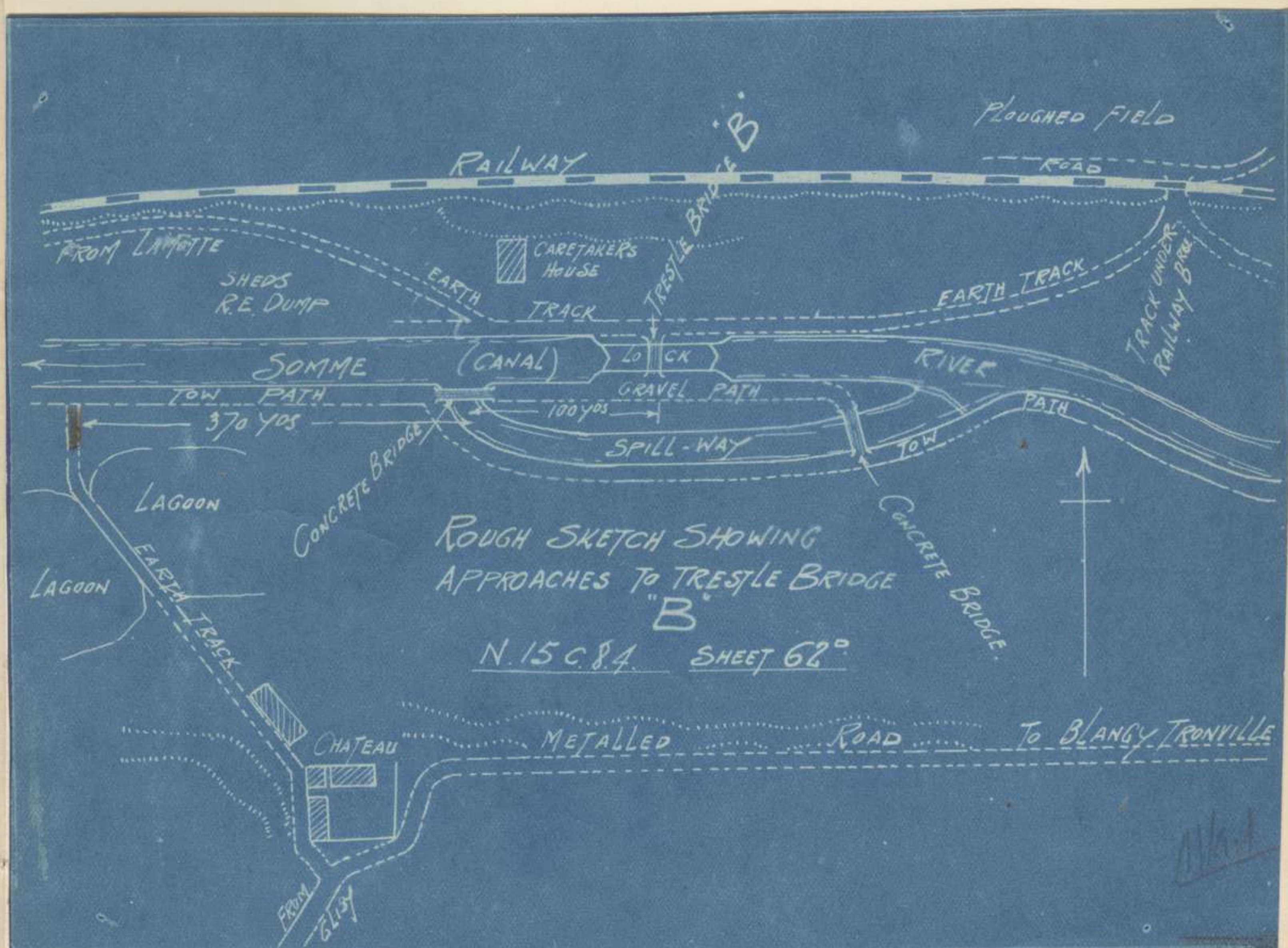
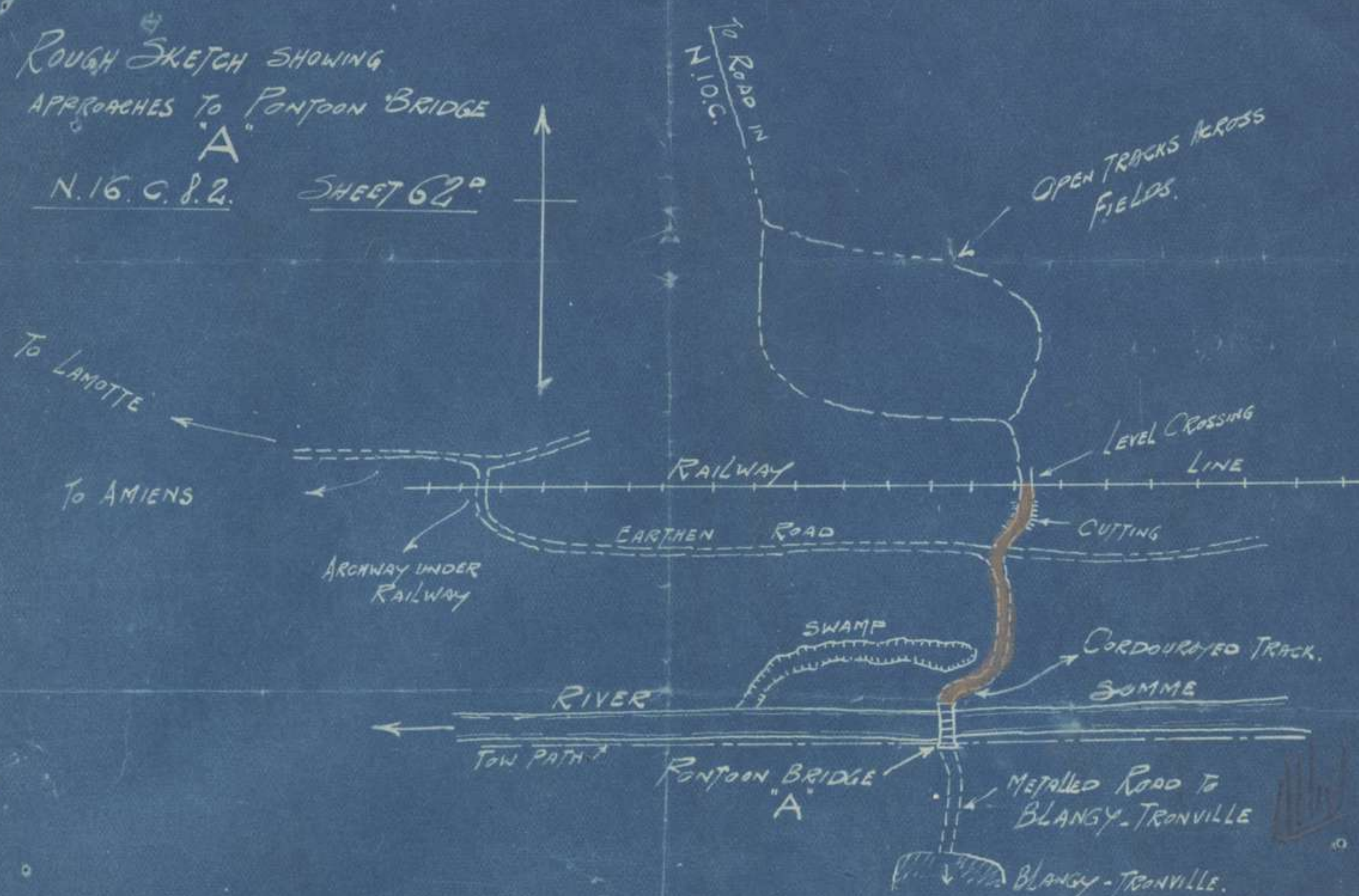
Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices																																																														
			<div><p>Graph Shewing "Casualties" for Month of April. 1918</p><p>5th Aust. Div. Engineers.</p><table border="1"><caption>Data points for the 'Casualties' graph</caption><thead><tr><th>Day of Month</th><th>Casualties (approx.)</th></tr></thead><tbody><tr><td>1</td><td>0</td></tr><tr><td>2</td><td>0</td></tr><tr><td>3</td><td>0</td></tr><tr><td>4</td><td>0</td></tr><tr><td>5</td><td>0</td></tr><tr><td>6</td><td>0</td></tr><tr><td>7</td><td>0</td></tr><tr><td>8</td><td>0</td></tr><tr><td>9</td><td>0</td></tr><tr><td>10</td><td>0</td></tr><tr><td>11</td><td>0.5</td></tr><tr><td>12</td><td>0</td></tr><tr><td>13</td><td>0.5</td></tr><tr><td>14</td><td>0</td></tr><tr><td>15</td><td>0</td></tr><tr><td>16</td><td>0</td></tr><tr><td>17</td><td>0.5</td></tr><tr><td>18</td><td>0</td></tr><tr><td>19</td><td>0</td></tr><tr><td>20</td><td>0</td></tr><tr><td>21</td><td>0.5</td></tr><tr><td>22</td><td>0.5</td></tr><tr><td>23</td><td>0.5</td></tr><tr><td>24</td><td>24.5</td></tr><tr><td>25</td><td>14.5</td></tr><tr><td>26</td><td>1.5</td></tr><tr><td>27</td><td>0</td></tr><tr><td>28</td><td>0</td></tr><tr><td>29</td><td>0.5</td></tr><tr><td>30</td><td>0</td></tr></tbody></table></div>	Day of Month	Casualties (approx.)	1	0	2	0	3	0	4	0	5	0	6	0	7	0	8	0	9	0	10	0	11	0.5	12	0	13	0.5	14	0	15	0	16	0	17	0.5	18	0	19	0	20	0	21	0.5	22	0.5	23	0.5	24	24.5	25	14.5	26	1.5	27	0	28	0	29	0.5	30	0	
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APP. 18

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ROUGH SKETCH SHOWING
APPROACHES TO PONTOON BRIDGE
"A"

N. 16. C. 8. 2. SHEET 62°

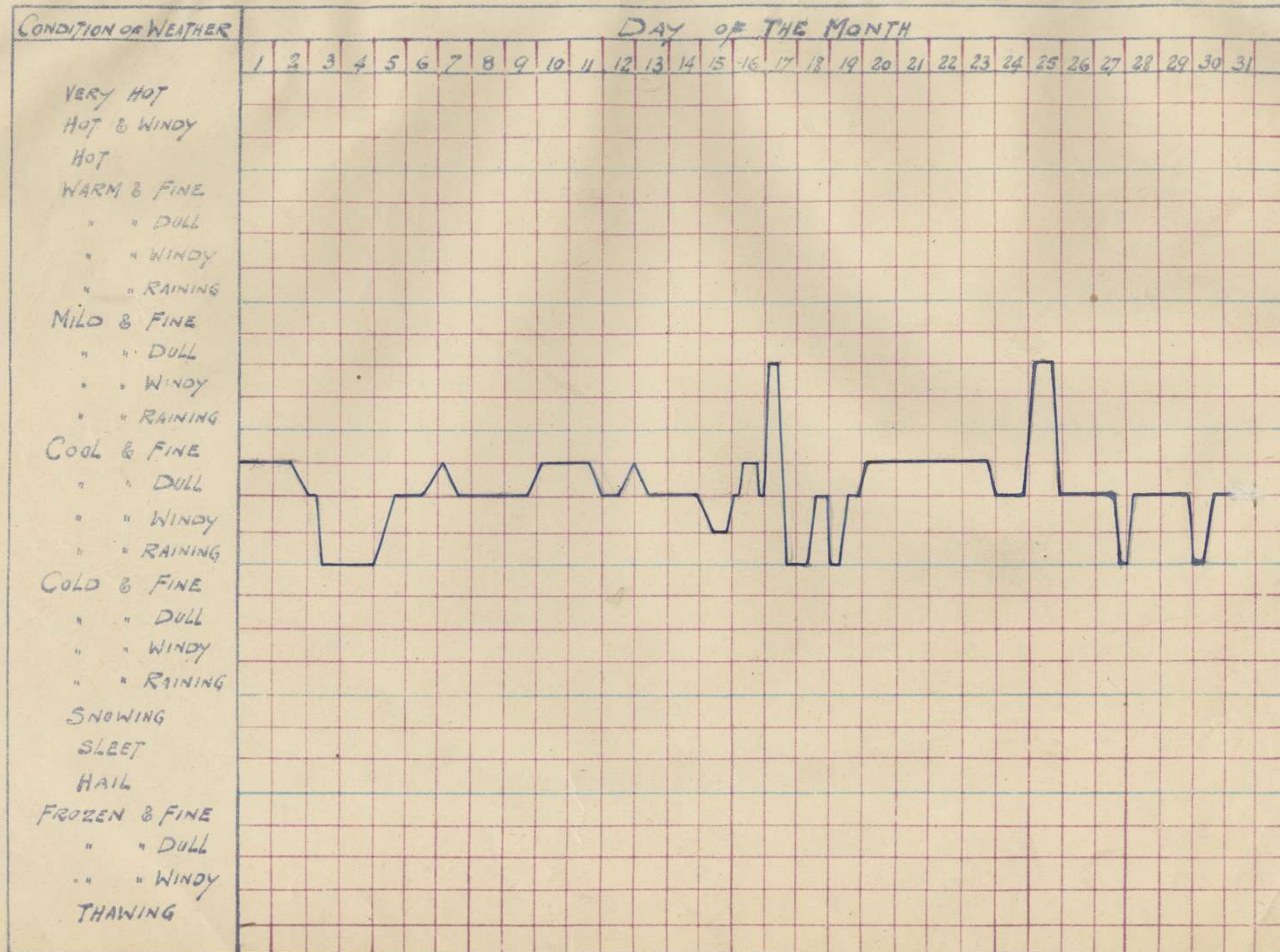


ROUGH SKETCH SHOWING
APPROACHES TO TRESTLE BRIDGE
"B"

N. 15 C. 8. 4. SHEET 62°

War diary.

• GRAPH OF WEATHER FOR APRIL 1918 •



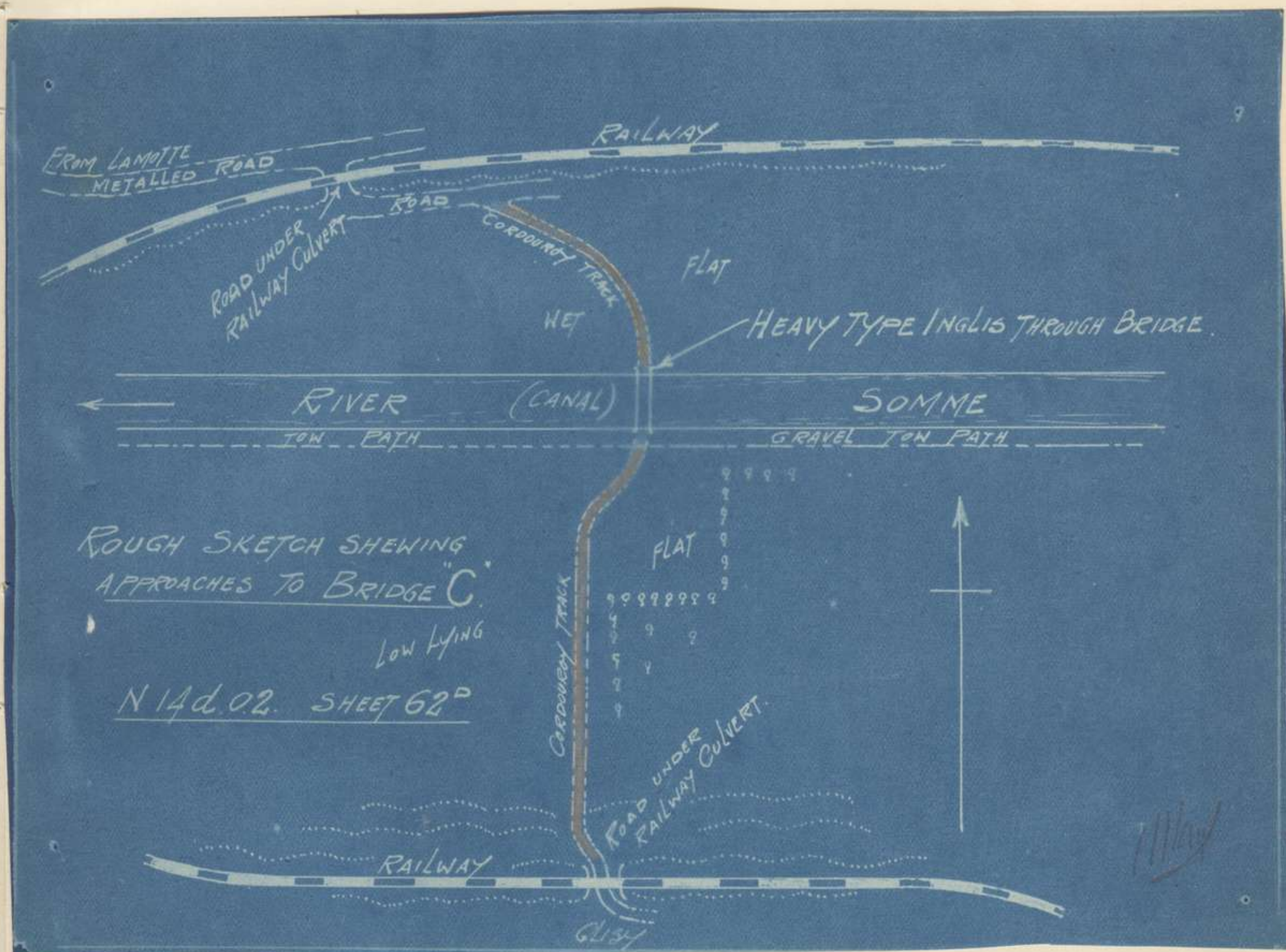
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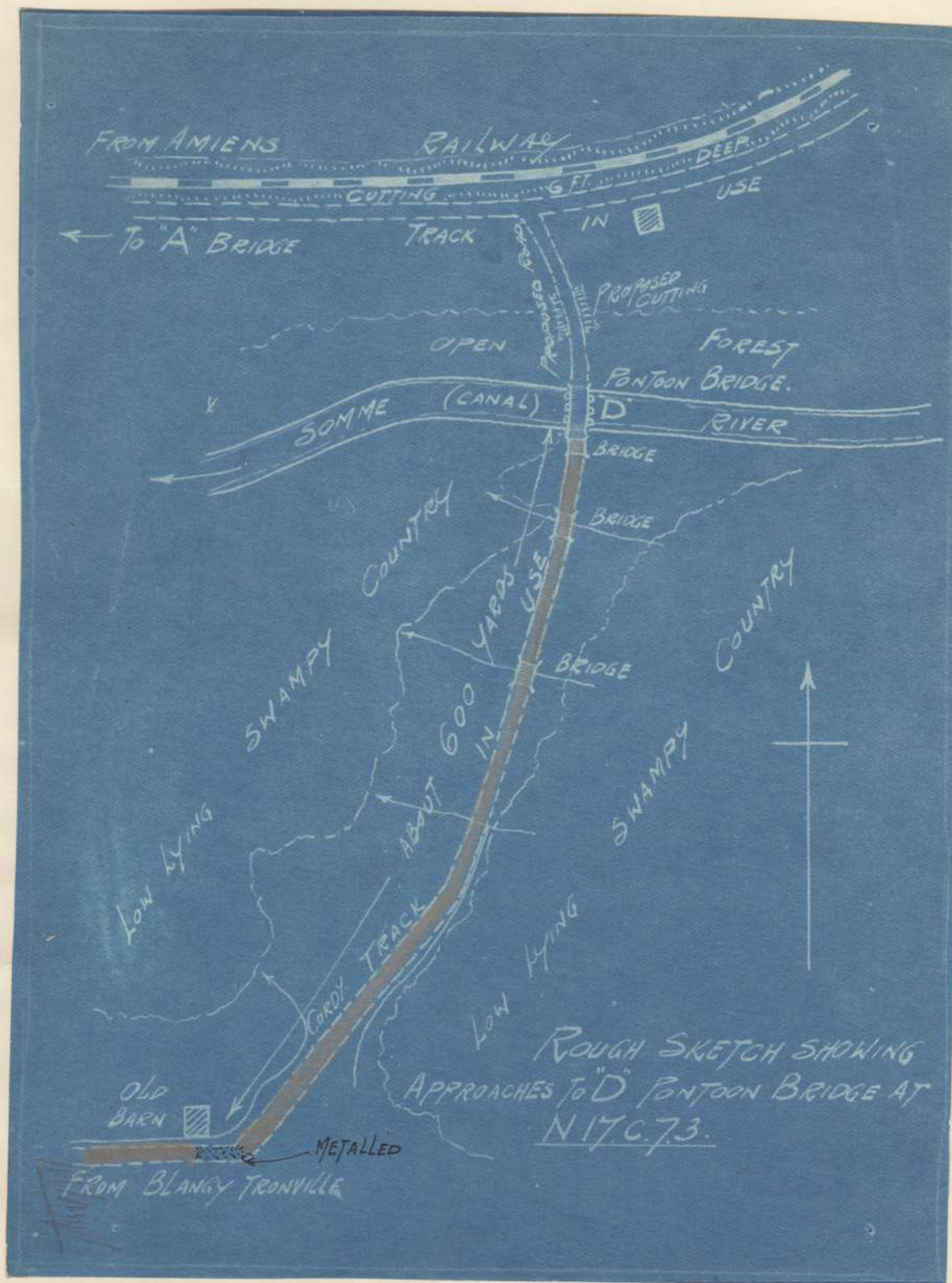
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APR. 19

1918

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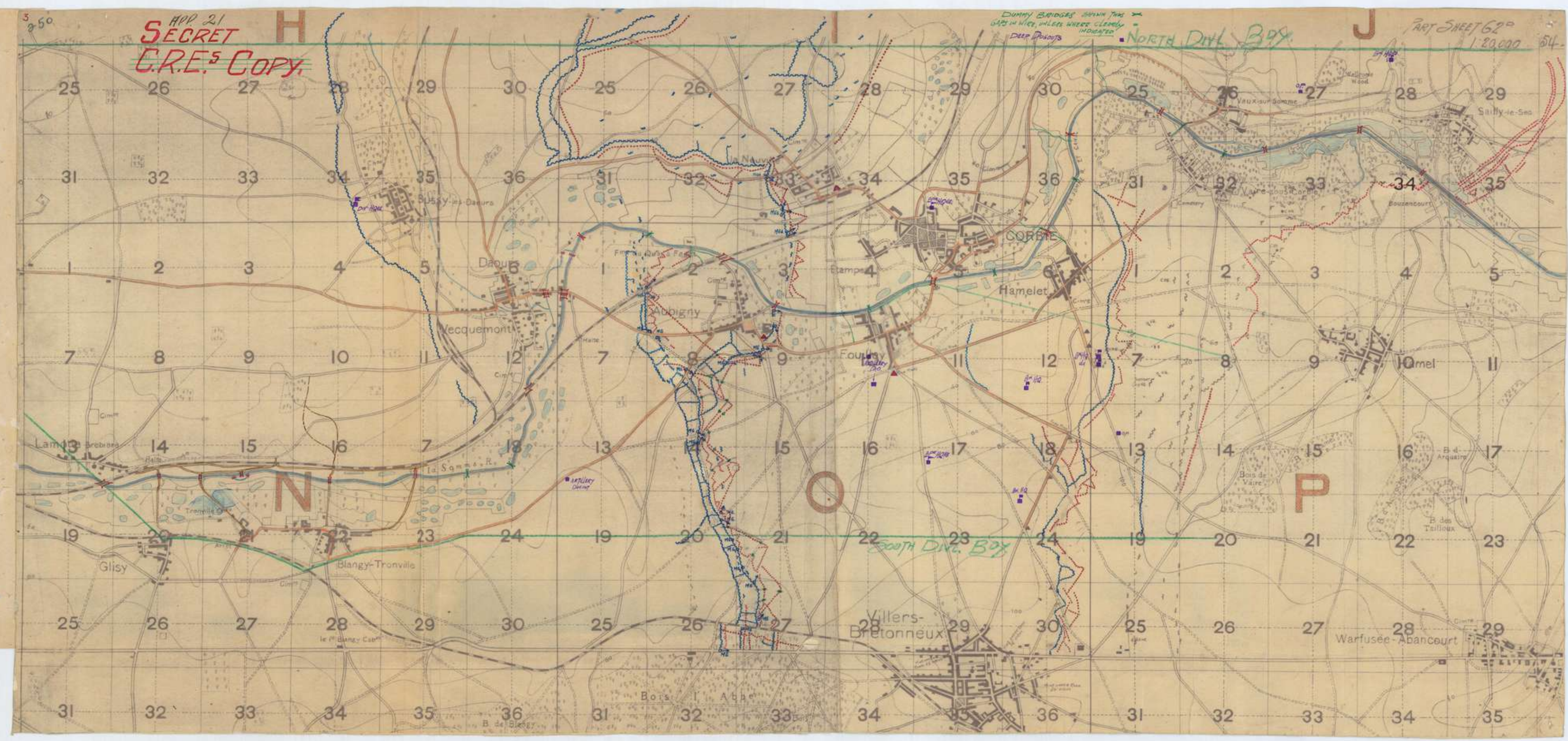


APP 21
SECRET
C.R.E.'s COPY

DUMMY BRIDGES SHOWN TWO
GAPS IN WIRE UNLESS WHERE CLOSELY
INDICATED

NORTH DIVL BOX

PART SHEET 62°
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APPENDIX 21