

AWM4

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

Tunnelling & Survey

Item number: 16/4/30 Part 1

Title: 3rd Australian Tunnelling Company

July 1918



AWM4-16/4/30PART1

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ORIGINAL.
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356

3RD AUSTRALIAN TUNNELLING COY.
No.
Date.

Australian Imperial Force.

WAR DIARY

OF

3rd. Aust. Tunnelling Coy.

FOR

July. 1918.

Signature of Officer compiling

J. B. Shaw.
Lt.

Signature of Officer Commanding

Alan Anderson
Major

WAR DIARY

or

INTELLIGENCE SUMMARY.

(Erase heading not required.)

3RD
AUSTRALIAN
TUNNELLING Coy.
No. 152
Date

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.

Place	Date 1918	Hour	Summary of Events and Information	Remarks and references to Appendices
			<p style="text-align: center;">AREA WORKED BY COMPANY DURING JULY -- LENS-LOOS-HULLUCH -LA BASSEE SECTOR.</p> <hr/> <p><u>WORK in PROGRESS at BEGINNING of MONTH</u> :- GIVENCHY TUNNEL PUMP and Engine Room ; connecting drives and dugouts for men. (Sheet 44a A.9.c.85.30) BARLIN - HERSIN Road Pump Engine Room and dugout. (Sheet 44b K.34d.00.70). VERMELLES Tunnel Dugouts and Dressing Stations (Sheet 44a G.8a.90.10) and G.8a.85.10.) VERMELLES - ANNEQUIN ROAD Bully Dressing Station (Sheet 44a G.1d.00.35). HILL 70, HYTHE TUNNEL Fan Chamber Scott's Incline and Bore, (Sheet 44a H.31c.50.80). THE C.H.Q. Dugouts North Street Trench off Village Lane, near Lens Road, (Sheet 44a G.34b.70.00). CITE ST.PIERRE B.H.Q. Dugouts, (Sheet 44a M.12a.00.70). 24th DIVISION H.Q. Dugouts for Staff. (Sheet 44a R.1 d.95.15). In Hulloch System Incline off Devon Tunnel for ventilation, (Sheet 44 a G.12 d.03.51). Listening Patrols were kept going in the Hulloch-Hairpin Sector. The water levels in the special sumps were recorded once a week in the Hulloch and Givenchy Sectors.</p> <p><u>GENERAL</u>. The Company Strength at the beginning of the month, 19 Officers and 939 O.R's. including attached Labour Company. On this date 2 Motor Lorries conveyed 2 Officers and 80 O.R's to the Canadian Sports at TINGUES, which were held in celebration of Dominion Day.</p> <p><u>INTELLIGENCE REPORTS</u>:- B.E.F. Infantry carried xxxxx out harassing fire in the GIVENCHY Sectr. Enemy retaliated with scattered shelling.</p> <p><u>WORK in PROGRESS</u>:- The GIVENCHY Tunnel Engine Room and Dugouts, (Sheet 44a A.9 c.85.30). BARLIN-HERSIN Road Pump Engine Room and Dugouts (Sheet 44a K.34 d.00.70). VERMELLES Tunnels, Dugouts and Dressing Stations. VERMELLES-ANNEQUIN Road Dressing Station (G.1 d.00.35). HILL 70, The Hythe Tunnel Fan Chamber, Scot's Incline and Bores (Sheet 44a H.31 c.50.80). C.H.Q. Dugouts North Street (G.34 b.70.00). CITE St.Pierre B.H.Q. Dugouts (M.12 a.00.70) H.Q. DUGOUTS 24th Division (R.1 d.95.15). In the HULLOCH ST.ELIE Incline from Devon Tunnel to surface (G.12d.03.51).</p> <p><u>COMPANY ORDERS 776</u>:- 2328 Spr J.MATSON, 2399 Spr J.PARVELKIN and 4511 Spr H.WILLIAMS were wounded by H.E.Shell at GIVENCHY on 1-7-18. 4511 Spr H.Williams died from Wounds 1-7-18.</p>	
	July 1.			
	July 2			

WAR DIARY

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3RD
AUSTRALIAN
TUNNELLING COY.
No. 153
Date

Army Form C. 2118.

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	July 2		<p><u>CORRESPONDENCE RECORDS & INSTRUCTIONS</u>:- Instructions re the preparation of Demolition Charges in Hythe and Canteen Tunnels from the C.E. 8th Corps. Copy of Orders from 11th Divn.</p>	Appendix II I
	July 3		<p><u>WORK in PROGRESS</u>:- GIVENCHY Tunnel Engine Room and Dugouts (Sheet 44a A.9c.85.30); BARLIN-HERSIN Road Pump Engine Room and Dugouts (Sheet 44b K.34d.00.70). VERMELLES Tunnels Dugouts and Dressing Stations (Sheet 44a G.8a.90.10). HYTHE Tunnel Fan Chamber, Scot's Incline and Hythe Bores (Sheet 44a H.3lc.50.80). North Street off Village Line near Lens Road, C.H.Q. Dugouts (Sheet 44a G.34b.70.00). CITE St.Pierre B.H.Q. Dugouts (Sheet 44a M.12a.00.70). 24th Division, H.Q. Dugouts (R.1d.95.15). HULLOCH-ST.ELIE, Incline to Surface from Devon Tunnel (G.12d.03.51).</p> <p><u>INTELLIGENCE REPORTS</u>:- Heavy shelling in the GIVENCHY area, especially Pont Fixe and surroundings, cutting off Infantry working parties. Hostile artillery was normally active for 9 hours in Posen Alley Locality. Also the HULLOCH-ST.ELIE Sectors received hostile attention.</p>	
	July 4.		<p><u>WORK IN PROGRESS</u>:- GIVENCHY Tunnels, Dugouts etc. (Sheet 44a A.9c.85.30). BARLIN-HERSIN Road Pump Engine Room and mens Dugouts (Sheet 44b K.34d.00.70). VERMELLES Tunnels, Dugouts and Dressing Stations (Sheet 44a G. 'a.90.10 and G.8a.85.10): VERMELLES-ANNEQUIN Road, Dressing Station (G.1d.00.35). HILL 70, HYTHE Tunnel, Fan Chamber, Scot's Incline and Bores at Hythe (H.3lc.50.80): North Street off Village Line near Lens Road, C.H.Q. dugouts (G.34b.70.00): CITE St.Pierre, B.H.Q. dugouts (M.12d.00.70). 24th DIVISION, H.Q. dugouts (Sheet 44a R.1d.95.15). HULLOCH-ST.ELIE, Incline from Devon Tunnel to Surface (G.12d.03.51).</p> <p><u>INTELLIGENCE REPORTS</u>:- Harassing shell fire on GIVENCHY and Pont Fixe during night. Heavy howitzer fire on Le Rutoire Farm and Limber Trench. L.T.Ms fired on Vendin Post & 'K' Dump. Hulloch. Aircraft activity over HULLOCH-ST.ELIE Sectors. B.E.F. artillery fired a "Crash" on enemy approaches opposite HULLOCH Sector.</p>	



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	July	5.	<p><u>WORK in PROGRESS:-</u> GIVENCHY Tunnels and dugouts (Sheet 44a A.9c.85.30). HERSIN Road, Pump Engine Room and men's dugouts (Sheet 44b K.34d.00.70). Tunnels, dugouts, and Dressing Stations: VERMELLES-ANNEQUIN Road, Bully Dressing Station (Sheet 44a G.1d.00.35). HILL 70, Hythe Tunnel Fan Chamber; Trench shelters built in Rupert, Aeroplane and Fosse 7 Front Line Trenches; B.H.Q. dugouts continued in CITE St. Pierre (Sheet 44a M.12a.00.70). Dugouts for Staff at 24th DIVISION H.Q. (Sheet 44a R.1d.95.15). HULLOCH ST.ELIE Sector, Incline to Surface from Devon Tunnel for ventilation (Sheets 44a G.12d.03.51). <u>COMPANY ORDERS 779.</u> 1284 Spr A.J.BURFITT wounded at Loos Crasier near Hill 70, by machine gun bullet. 5 O.R's struck off strength as from 29-6-18. <u>INTELLIGENCE REPORTS:-</u> Hostile artillery active at Spoil Bank, Givenchy, Pont Fixe and Hulloch Sector. Vermelles relieved a few Green Cross Shells. Considerable enemy aircraft activity from Givenchy to Hill 70.</p>	BARLIN-VERMELLES.
	July	6.	<p><u>WORK in PROGRESS:-</u> GIVENCHY, Tunnels and Dugouts (Sheet 44a A.9c.85.30). HERSIN Road, Pump Engine Room and Dugouts (Sheet 44b K.34d.00.70). Dugouts and Dressing Stations well advanced. VERMELLES-ANNEQUIN Road, Bully Dressing Station (Sheet 44a G.1d.00.35). HILL 70, Hythe Tunnel Fan Chamber; Trench Shelters being constructed in Rupert, Aeroplane and Fosse 7 Front line Trenches; B.H.Q. dugouts in CITE ST Pierre still continue. Dugouts for Staff at 24 DIVISION H.Q. well advanced. HULLOCH-ST.ELIE, Incline to Surface from Devon Tunnel (Sheet 44a G.12d.03.51). <u>COMPANY ORDERS 780.</u> Extract A.I.F. List No.350 of 2-7-18:- To be Lieutenants as from 10-6-18 2/Lieut.K.Byron Moore, and as from 11-6-18 2/Lieut H.Warlow-Davies and 2/Lieut.J.B.Shaw. <u>INTELLIGENCE REPORTS:-</u> Enemy aircraft very active over St.Elise Sector. <u>CORRESPONDENCE R.& I.</u> Letters received from the Commander of 55th Division and C.E.1st Corps re Tunnels and Dugouts for Defence at GIVENCHY.</p>	BARLIN-VERMELLES, Tunnels
	July	7	<p><u>WORK in PROGRESS:-</u> Same work on hand as on previous date. Also Demolition Chambers in HYTHE TUNNEL at HILL 70; and in HULLOCH Sector; Extension to dugout in Le Rutoire B.H.Q. and boring ventilator holes to Surface. <u>COMPANY ORDERS 781:-</u> 29 O.R's struck off strength as from 6-7-18. Church Parades.</p>	Appendix iii.

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WAR DIARY

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3RD
AUSTRALIAN
TUNNELLING COY.
No. 155
Date.....

Army Form C. 2118.

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	July 8		<p><u>WORK COMPLETED</u>:- HILL 70:- Mine Demolition Chambers in Hythe Tunnel. SANS EN GOHELLE 24th Division H.Q. dugouts (Sheet 44a R.1d.95.15); various Gas Doors in the entrances to Hythe Tunnel; Hythe Tunnel Trench for Demolition Leads; Shelters in Rupert Trench; Hythe Tunnel Fan Chamber and "K Entrance Siding".</p> <p><u>WORK in PROGRESS</u>:- GIVENCHY, Tunnel, Dugouts and cleaning out Tunnel (Sheet 44a A.9c.85.30). BARLIN-HERSIN Road, Pump Engine Room and Dugouts (Sheet 44b K.34d.00.70). VERMELLES, Tunnels, Dugouts and Dressing Station (Sheet 44a G.8a.90.10) VERMELLES-ANNEQUIN Rd Bully Dressing Station (Sheet 44a G.1d.00.35); North Street, C.H.Q. dugouts (Sheet 44a G.34b.70.00); Splinter shelters in Village Lines; Dugouts for B.H.Q. in CITE ST.PIERRE; Dugouts for C.H.Q. in Lens Switch (Sheet 44a G.34b.15.50). HULLUCH ST.ELIE, Incline off Devon Tunnel to Surface (Sheet 44a G.12d.03.51); Le Rutoire Alley B.H.Q. dugout extn.</p> <p><u>INTELLIGENCE REPORTS</u>:- Severe hostile artillery shelling at GIVENCHY & PONT FIXE. H.E. shells on Boyar 78, Hay Dump and 10th Avenue in the Hulloch Sector. T.Ms active on St. Elie Sectr and Devon Lane.</p>	Sketch A.
	July 9		<p><u>WORK in PROGRESS</u>:- GIVENCHY, Tunnel and Dugouts well advanced. Laying duckboards and general cleaning up at Givenchy Gallery to O.P. and dugout repairs (Sheet 44a A.15d.15.80). BARLIN-HERSIN Road Pump Engine Chamber and Dugouts well on way to completion (Sheet 44b K.34d.00.70). VERMELLES-ANNEQUIN Road, Bully Dressing Stn (St 44a G.1d.00.35). VERMELLES, Tunnels Dugouts and Dressing Station. At HILL 70 Area, shelters off the trenches being put down in Village Lines; North Street, Dugouts for CH.Q. (Sheet 44a G.34b 70.00) 24 DIVISION H.Q., cleaning up after completion (Sheet 44a R.1d.95.15). CITE ST.PIERRE, dugouts for B.H.Q. (Sheet 44a M.12a.00.70). HULLUCH Sector, Dugout extension Le Rutoire Alley B.H.Q.; Bore hole for cables to Signaller's dugouts B.H.Q. Le Rutoire Alley; Devon Tunnel Incline; Excavating pit for Bascule Door.</p> <p><u>COMPANY ORDERS 783</u>:- 4 N.C.O's sent to Infantry Training School (Aust. Corps School) near Abbeville. <u>CORRESPONDENCE, R.&I</u>:- Correspondence re GIVENCHY Defence Scheme from the O.C. 3rd Australian Tunnelling Company.</p>	Appendix iii

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3RD AUSTRALIAN TUNNELLING COY.
No. 156
Date

Army Form C. 2118.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	July	10.	<p><u>WORK COMPLETED</u>:- In the HULLUCH-ST.ELIE Sector, the Dugout Extension at B.H.Q. in Le Rut- cire Alley was completed; also the Bore for Signallers cables at the same place.</p> <p><u>WORK in PROGRESS</u>:- on this day is the same as on the 9th July, and in addition the following:- HILL 70 area, the Lens Switch C.H.Q.s (Sheet 44a G.34b.15.50): Bore holes under road for buried cables at LIEVIN (Sheet 44a M.28a.05.35, M.22d.55.10 and M.22d.60.10).</p> <p><u>INTELLIGENCE REPORTS</u>:- Hostile artillery activity at GIVENCHY. M.Gs normally active on all working areas. Allied and hostile aircraft very active from LA BASSEE to HILL 70.</p>	Sketch B.
	July	11	<p><u>WORK COMPLETED</u>:- Boreholes under roads for buried cables at LIEVIN (Sheet 44a M.28a.05.35, M.22d.55.10 and M.22d.60.10).</p> <p><u>WORK in PROGRESS</u>:- The same work that was in pro gress on July 8th in a more advanced condition.</p> <p><u>CORRESPONDENCE R. & I</u>:- Letters from O.C. 3rd Australian Tunnelling Coy re GIVENCHY Tunnel and Dugout Scheme of Defence.</p> <p><u>INTELLIGENCE REPORTS</u>:- Avery heavy enemy bombardment delayed work for several hours at VERMELLES. Hostile aircraft flying low over Vermelles.</p>	Appendix iii
	July	12	<p><u>WORK COMPLETED</u>:- GIVENCHY, ^{Repairs to} crumpled gallery to O.P. HILL 70, North St. ^{Trench.} Dugouts for C.H.Q. (Sheet 44a G.34b.70.00).</p> <p><u>WORK in PROGRESS</u>:- GIVENCHY, O.P. Dugout (Sheet 44a A.15d.15.80); Givenchy Pump Room enlarged (Sheet 44a A.9c.85.30). BARLIN-HERSIN Road, Pump Engine Room Dugouts (Sheet 44a K.34d.00.70). VERMELLES-ANNEQUIN Road, Bully Dressing Stn (Sheet 44a G.1d.00.35). VERMELLES, Tunnels Dugouts and Dressing Stations; At HILL 70 area the shelters from trenches in Village Lines still being put down: Also B.H.Q. dugouts in CITE ST.PIERRE are well advanced (Sheet 44a M.12d.00.70): also Lens Switch Dugouts for C.H.Q. (Sheet 44a G.34b.15.50) nearly completed. In the HULLUCH-ST.ELIE Sector the tram rails for the Demolition Block were relaid: More work was done on the Bascule Door in the Incline from Devon Tunnel.</p> <p><u>INTELLIGENCE REPORTS</u>:- The enemies artillery was particularly active on this date, peppering Vermelles, Le Hutin, E.C. Rutcure Alley, and Le Rutcure Plain, with H.E.Shells.</p>	Sketch C.

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	July	13	<p><u>WORK in PROGRESS:-</u> GIVENCHY Pump Room Dugout (Sheet 44a A.9c.85.30): Givenchy O.P. Dugout (A.15d.15.80). BARLIN-HERSIN Road, Pump Room dugout (Sheet 44b K.34d.00.70). VERMELLES, Tunnels, Dugouts and Dressing Stations (Sheet 44a G.1d.00.35). In the HILL 70 area the shelters from the Village Line Trenches are still in course of construction; also the B.H.Q. in CITE ST.PIERRE (Sheet 44a M.12a.00.70); also the dugouts for C.H.Q. in Lens Switch (Sheet 44a G.34b.15.50). In the HULLUCH Tunnels, a drive was started from the old Proto dugout with idea of rising to surface to form ventilation shaft for cockhouse (Sheet 44a G.18d.74.95). <u>COMPANY ORDERS:-</u> N.C.O's Promotions.</p>	
	July	14	<p><u>WORK in PROGRESS:-</u> The same work is in progress as on 13-7-18, with the following work in addition:- At GIVENCHY Tunnel the Spoils Bank Drive was started: At HULLUCH-ST.ELIE Sector more work was done on the Bascule Door on the Incline from Devon Tunnel; also repairs to steps and entrance timbers at Boyar 78 Post; also repairs to steps and shaft timbers at entrance to "K" shaft. <u>COMPANY ORDERS 788:-</u> 13 O.R's struck off strength as from 13-7-18. Church Parades.</p>	
	July	15	<p><u>WORK in PROGRESS:-</u> In the GIVENCHY Area the same work as on previous dates is in progress with the addition of the transport of the machinery to be put in Givenchy Tunnel for pumping. On the BARLIN-HERSIN Road the same work proceeds; and in the VERMELLES area the Tunnel system is being pushed on. In the HILL 70 area a new trench to carry the demolition cables is being constructed, as well as the work previously in hand. In the HULLUCH Tunnel 2 boreholes from the new Battalion Cockhouse to the surface to act as chimneys were started. <u>INTELLIGENCE REPORTS:-</u> VERMELLES was harassed by enemy artillery. Heavy shelling damaged the railway to Hay Dump, breaking the line in several places and delaying the delivery of timber and other supplies. Also in the same area, HULLUCH, enemy artillery peppered Wing's Way, Hay Alley, Hay Dump and Lone Trench.</p>	

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	July 16		<p><u>WORK in PROGRESS</u>:- In addition to the work in progress on 13th, 14th and 15th July (as above) new work was done in the HULLUCH area in the form of repairs to Road Post and the resetting of timbers in the H.T.M. Empt in ST. Elie Tunnel (G.12d).</p> <p><u>COMPANY ORDERS 790</u>:- Extract from 1st Army Routine Orders 364 of 12-7-18:- 2858 Immediate Award of the Military Cross to Lieut J.B. Shaw, for gallantry in the Field. 19 O.R.'s embarked for Australia in England 17-6-18.</p> <p><u>INTELLIGENCE REPORTS</u>:- Heavy Infantry T.M. Bombardment of enemy lines opposite HULLUCH-ST. ELIE Sectors in late afternoon and enemy retaliation with shells falling on "K" Dump, Boyar 78^{1/2} and 10th Avenue particularly.</p> <p><u>WORK COMMENCED</u>:- The NOEUX LOCALITY Battle Position: Dugouts and Shelters begun.</p> <p><u>WORK in PROGRESS</u>:- GIVENCHY. Tunnel Pump Chamber Dugout (Sheet 44a A.9c.85.30): Givenchy Tunnel Spoil Bank Drive to O.P. and Dugout. Tunnellers working at Givenchy assisted in carrying Engine Bed of Power Plant to site. BARLIN-HERSIN Road Pump Room and Dugouts (Sheet 44b K.34d.00.70). VERMELLES, Tunnels Dugouts and Dressing Stations well advanced. VERMELLES-ANNEQUIN, Bully Dressing Station (Sheet 44a G.1d.00.35). In HILL 70 area M.G. dugouts were started. Lens Switch C.H.Q. (Sheet 44a G.34b.15.50): Cite St. Pierre dugouts for B.H.Q. (Sheet 44a M.12a.00.70). In the HULLUCH area the Cockhouse Rise and Ventilation bores to surface well in hand. The Bascule Door in the Incline to surface from Devon Tunnel was added to. In NOEUX Locality the shelters from the Trenches are in progress.</p> <p><u>INTELLIGENCE REPORTS</u>:- Considerable Allied artillery activity on the GIVENCHY area, and subsequent enemy retaliation. The enemy artillery activity on the HULLUCH area was much above normal.</p> <p><u>CORRESPONDENCE R. & I.</u>:- A copy of a report by enemy prisoner taken by the Infantry, (information proved false). Infantry Brigade Orders sent to 3rd Aust. Tllg Coy. for information.</p>	
	July 17 18		<p><u>WORK in PROGRESS</u>:- On this date the same work as was being carried out on 18-7-18 is in progress.</p> <p><u>COMPANY ORDERS 793</u>:- Notice re 1st Army Review to be held on Aug. 4th 1918.</p> <p><u>INTELLIGENCE REPORTS</u>:- The enemy harassed with artillery fire our localities at Pont Fixe Givenchy and Tuning Fork.</p>	Appendix IV X
	July 19		<p><u>WORK in PROGRESS</u>:- On this date the same work as was being carried out on 18-7-18 is in progress.</p> <p><u>COMPANY ORDERS 793</u>:- Notice re 1st Army Review to be held on Aug. 4th 1918.</p> <p><u>INTELLIGENCE REPORTS</u>:- The enemy harassed with artillery fire our localities at Pont Fixe Givenchy and Tuning Fork.</p>	

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	July	20 21	<p><u>WORK in PROGRESS:-</u> In addition to work as being carried out on the 18th & 19th inst. in the HULLUCH-ST. ELIE area, more repairs to Road Post off St. Elie Tunnel were carried out; also in NOEUX LOCALITY improvements to M.G. Battery Posts and Dugouts were started.</p> <p><u>COMPANY ORDERS 794:-</u> Chaplain Captain W.E.K. BURKITT reported to Unit 18-7-18 and was taken on strength.</p> <p><u>CORRESPONDENCE R. & I. :-</u> Notice from 55th Division re allotment of working parties.</p>	Appendix V.
	July	22 23	<p><u>WORK in PROGRESS :-</u> The same work as in course of progress as on the 18th to 21st July. In addition in HILL 70 area the exit from Hythe Tunnel to the Gravel Pit was prepared for the use of a raiding party.</p> <p><u>COMPANY ORDERS 796:-</u> 5 O.R's struck off strength as from 20-7-18. This order contained appreciative reference by the Company Commander of the behaviour of the troops in the manning of our Battle Positions on the "alarm" being given 21-7-18.</p> <p><u>CORRESPONDENCE R. & I. :-</u> Message re Gas Doors and Plan of Vermelles Tunnels, from 11th Divn.</p>	Appendix XI.
	July	24	<p><u>WORK COMPLETED:-</u> GIVENCHY area, The Tunnel Engine Pump Chamber completed (Sheet 44a A.9c.85.30)</p> <p>In the HILL 70 area the XXXX Hythe Tunnel Channel for Demolition Leads was completed, also the Lens Switch C.H.Q. Dugouts (Sheet 44a G.34b.15.50). The preparation made for the raid on 22-7-18 at the Exit from Hythe Tunnel to the Gravel Pit (Sheet 44a H.32d.20.50) in opening it up, was stopped, and the exit again blocked up (H.32d.20.50). In the HULLUCH-ST. ELIE Sector the Incline from Devon Tunnel was completed, timbers completed and the Bascule Door fixed (Sheet 44a G.12d.03.51); In the Hulluch Tunnel the two bores to the surface and the Rise to surface for ventilation in the new cockhouse (Sheet 44a G.18d.74.95) were completed.</p> <p><u>WORK in PROGRESS:-</u> GIVENCHY Avenue Dugouts (Sheet 44a A.9c.90.75): GIVENCHY Spoil Bank Rise to O.P. (Sheet 44a A.15d.15.80). VERMELLES, Tunnel Dugouts. VERMELLES - ANNEQUIN, Bully Dressing Stn, boring holes for ventilators (Sheet 44a G.8a.90.10). BARLIN-HERSIN Rd, Pump Room Dugout (Sheet 44b K.34d.00.70). HILL 70, Hythe Tunnel Dugouts, electric cable and laying cable: Dugouts for B.H.Q. in Cite St. Pierre (Sheet 44a M.12a.00.70). At ANNEQUIN men of No. 4 Section repairing Tunnel in Crassier. In NOEUX LOCALITY the M.G. Command Posts & Dugouts in progress. At Le RUTOIRE FARM 3 inclined Shafts started to form entrances to an underground tunnel system (Sheet 44a G.15b.00.85).</p>	Sketch D. Sketch E. Sketch F.

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	July	24	<p><u>COMPANY ORDERS 798</u>:- 4495 Sapper A.G. TRESSIDDER embarked for Australia 30-6-18. Casualty: 6879 Sapper DUDGEON R. Wounded 22-7-18.</p> <p><u>INTELLIGENCE REPORTS</u>:- Our artillery very active and enemy retaliation in GIVENCHY, VERMELLES, ST.ELIE, and HULLUCH.</p> <p><u>CORRESPONDENCE R & I</u>:- Notice re 1012 Sgt GOODLAD M. in connection with Infantry School Course.</p>	Appendix VIII
	July	25	<p><u>WORK in PROGRESS</u>:- In addition to work already in progress on the 24th July, at VERMELLES, a Well chamber and Well were started, a new Incline in Hulluch Alley, a connection to Brewery cookhouse, and boreholes to surface (Sheet 44a G.8a.90.10): also in HILL 70 area, Hythe Tunnel M.G positions and O.P's and Hythe Tunnel Extension to M.6a.90.30 (Sheet 44a) were started; also in the HULLUCH-ST.ELIE Sector, miscellaneous repairs to Breslau Dugout Entrance; L.T.M. Empt at Feltham Tunnel, and entrance to Winch Chamber at Crewe Siding were carried out.</p> <p><u>GENERAL</u>:- The listening patrols reported suspicious sounds at GIVENCHY. These were investigated.</p> <p><u>CORRESPONDENCE R & I</u>:- Samples of Code Signal Messages sent to 3rd Australian Tunnelling Company H.Q. Re Zero of British Gas attack. Example of a notice for a Football Match arranged in the Company.</p>	Appendix VI IX
	July	26	<p><u>WORK COMPLETED</u>:- At GIVENCHY, Spoil Bank Rise to O.P. (Sheet 44a A.15d 15.80): In HILL 70 Area, the Dugouts for B.H.Q. in CiteXXX St. Pierre (Sheet 44a M.12d.00.70).</p> <p><u>WORK in PROGRESS</u>:- The same work continued from July 25th.</p> <p><u>INTELLIGENCE REPORTS</u>:- B.E.F. artillery very active, also M.Gs on Hairpin & Hulluch-ST. Elie Sectors. Gas Shells projected to enemy lines from Hulluch-St. Elie Sector.</p> <p><u>CORRESPONDENCE R & I</u>:- Notice from A.I.F. H.Q. re Candidates for Indian Army.</p>	Sketch G. H
	July	27	<p><u>WORK in PROGRESS</u>:- The same work continued from July 26th, and in addition a Bore Hole was put up from C.H.Q. in Dudley Tunnel in the HULLUCH-ST.ELIE Sector.</p> <p><u>INTELLIGENCE REPORTS</u>:- Hostile Gas Attack on HULLUCH & VERMELLES Sectors.</p>	Appendix VII

(A8001) Wt. W1771/M2031 750,000 5/17 Sch. 52 Forms C2.10/14

9

WAR DIARY

or

INTELLIGENCE SUMMARY.

(Erase heading not required.)

**3RD
AUSTRALIAN
TUNNELLING Coy.**

No. 161

Date

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.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	July	28	<p><u>WORK in PROGRESS:-</u> GIVENCHY area, The Avenue Dugouts (Sheet 44a A.9c.90.75). BARLIN-HERSIN Road, Pump Engine Room and Dugouts (Sheet 44b K.34d.00.70). VERMELLES, Dugouts; new Incline in Hulluch Alley; connection with Brewery cockhouse, and boreholes. VERMELLES-ANNEQUIN Rd, Bully Dressing Stn (Sheet 44a G.1d.00.35). HILL 70 area, Hythe Tunnel Extension to M.6a.90.30 (Sheet 44a) and M.G. empts. HULLUCH-ST.ELIE xxxxxx area Le Ruteire Farm Inclines (Sheet 44a G.15b.00.85); Repairs in Hulluch Tunnel to Sifnal Dugout. NOEUX LOCALITY, Dugouts & M.G. Emts.</p> <p><u>INTELLIGENCE REPORTS:-</u> Considerable enemy artillery activity opposite HULLUCH.</p> <p><u>COMPANY ORDERS 802:-</u> Inoculation of 89th Labour Company. Army Order 211/1918 re Saluting, Abolition of Left-hand Salute. Church Parades.</p>	
	July	29	<p><u>WORK COMPLETED:-</u> BARLIN-HERSIN Road, Pump Engine Room & Dugout (Sheet 44b K.34d.00.70). HOUCHIN LINE, M.G. Post (Sheet 44a K.22b 20.10); Inclines completed and job handed over to First Army Mine School.</p> <p><u>WORK in PROGRESS:-</u> As on July 28th, and in addition, on GIVENCHY Sector, Sidbury Hill M.G. Empt and Dugout (xxxxxx Sheet 44a A.14b.70.65) also general repairs to Gas Doors in Hulluch Tunnel in the HULLUCH-ST.ELIE Sector.</p> <p><u>COMPANY ORDERS 803:-</u> Appointments and promotions of N.C.O's.</p> <p><u>INTELLIGENCE REPORTS:-</u> Heavy enemy bombardment delayed the work in the GIVENCHY Sector. Our artillery retaliated.</p>	Sketch J.
	July	30 31	<p><u>WORK in PROGRESS:-</u> Same as on July 29th, and in addition in HULLUCH-ST.ELIE Sector, General Repairs were effected in the Hulluch and St. Elie Tunnels, stripping in St. George's Tunnel, and putting in Screens in the Fan Chamber Exits.</p> <p><u>INTELLIGENCE REPORTS :-</u> Heavy hostile shelling on the GIVENCHY & VERMELLES Sectrs on July 30th.</p>	

WAR DIARY
or
INTELLIGENCE SUMMARY.

(Erase heading not required.)

**3RD
AUSTRALIAN
TUNNELLING COY.**
No. 162
Date.....

Army Form C. 2118.

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.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	July 1918		<p><u>RESUME of WORK for MONTH of JULY 1918.</u></p> <p><u>No. 1 SECTION</u> was mainly occupied in working in the GIVENCHY area. In the Givenchy Tunnel a Pump Engine Room with dugouts for personnel was worked and completed. The Spoil Bank Drive to O.P. was also completed, as also were a Pump Engine Room and System of Dugouts on the Barlin-Hersin Road. Work on the Avenue Dugouts and the Sidbury Hill M.G. Emplacement, along with Dugouts, was also in progress during the latter part of the Month.</p> <p><u>No. 2 SECTION</u> at VERMELLES continued work on the extensive tunnelling and dugout system of dressing stations, and accomedation for personnel. A Dressing Stn. with tunnel connections, inclines to surface, and Dugouts on the Vermelles-Annequin Rd. was well advanced in construction.</p> <p><u>No. 3 SECTION</u> was principally occupied with the construction of the Hythe Tunnel at the HILL 70 area, with its numerous exits, dugouts and chambers for electric light plant and ventilating fans. The exits and entrances to the Hythe Tunnel were all fitted with the necessary doors and gas blankets. Mine demolition chambers were built and suitably charged with explosives. An extension of the Hythe Tunnel and Mining System is still in progress. Dugouts in scattered localities in the Hill 70 area xxxx were constructed or repaired and many shelters built off trenches. The system of offices and dugouts for B.H.Q. at St. Pierre were completed, and also accomedation underground for the Staff of the 24th Division at Sans en Gohelle. A C.H.Q. with usual dugout system was constructed in Lens Switch, and another C.H.Q. in North Street, in the HILL 70 area. Bore holes were put in under the road at Lieven for buried cables. Repairs to crumped-in entrances were carried out as occasion demanded.</p> <p><u>No. 4 SECTION</u> manned and maintained the Permanent Tunnel System at Hulluch, St. Elie and the forward Vermelles Sectors. Listening Patrols were continuously kept in the Mine System. Exits from the Tunnels to Posts in these Sectors were duplicated, and entrances repaired and improved. Ventilation for Cookhouses and Logg Drives was improved by Shafts or Bores to the surface. Assistance was given to the maintenance of the Electric Power Plant in these Tunnels. Men from this Section were lent to the 11th Division to assist in timbering dugouts and inclined Shafts to dugouts for the accomedation of the Staff at Divisional H.Q. A complete underground B.H.Q. was constructed in Le Rutoire Alley, and bore holes put up to the surface for ventilation and to carry Signal cables. At Le Rutoire Farm No 4 Section is constructing a system of Tunnels and Dugouts to connect a series of Pill Boxes. The Company's Battle Position, called NOEUX LOCALITY, has had, and is having attention in the way of repairs and improvements to M.G. Emplacements, Dugouts, Shelters and Trenches.</p> <p>An adequate personnel was retained on the Headquarters Staff at <u>HEADQUARTERS</u> at Bracquemont near NOEUX-les-MINES, where the administration of the Company concerns was carried out, as well as the handling of</p>	

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3RD
 AUSTRALIAN
 TUNNELLING COY. No. 163
 Date.....

Army Form C. 2118.

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
	July	1918	<p>rations, mining supplies of timber and other materials. The moral well-being of the Company was catered for by the usual Church Parades conducted by the Padre on Sundays: also the physical well-being of the men was looked after by a Standing Sports Committee, who arranged XXXXX inter-Sectional and inter-National Cricket and Football matches, as well as Sports Meetings of a general nature. Rifle shooting competitions were arranged to keep up musketry practice.</p> <p>The B.E.F. Infantry Brigades in contact with the Tunnelling Sections in the same areas, supplied working parties when required. In the GIVENCHY area the 55th Division supplied the 163rd, 164th and 165th Brigades: in VERMELLES-HULLUCH-ST.ELIE Sectors the 11th Division was represented by the 32nd, 33rd and 34th Brigades, and the HILL 70 area the 24th Division consisted of 17th, 72nd and 73rd Brigades.</p> <p>Gas attacks were frequently made by the R.E.'s during month, on which occasions we "stood to", shut doors, lowered gas blankets in the tunnel system, and assisted the transport of gas projectors and R.E. material through the tunnels.</p>	<p>Added Appendices 11a to 51. Maps added. "Aa" & "Ba".</p>

D. D. & L., London, E.C.
 (A°004) Wt. W1771/M2031 750,000 5/17 Sch. 52 Forms C2.10/14

12.

WAR DIARY

OF

3rd Aust. Tunnelling Coy.

FOR

July 1918.

LIST OF APPENDICES.

- | No. | Subject. |
|-----|---|
| 1. | Copy of Orders from 11 th Division. |
| 2. | Instructions re preparation of Demolition Charges in Hylke + Cankeeh Tunnels from C.E. 8 th Corps. |
| 3. | Correspondence re Tunnels + Dugouts for Defence at Givenchy. |
| 4. | Copy of Report from enemy Prisoner. |
| 5. | Notice from 55 th Division re allotment of Working Parties. |
| 6. | Sample of Code Signal Messages sent to 3 rd Aust. Tnl. Coy. |
| 7. | Notice from A.I.F. H.Q. re Candidates for Indian Army. |
| 8. | Notice re Sgt. in connection with Infantry School. |
| 9. | Notice of Teams for Football Match arranged in Company. |
| 10. | Infantry Brigade Orders sent to 3 rd Aust. Tnl. Coy for Information. |
| 11. | Message re Gas Doors + Plan of Vermelles Tnls. from 11 th Division. |

J.S.

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will be prepared in manuscript and the Staff Annual retrospectively. File pages summaries are contained in P. 2. 1. 1. Part II. Instructions regarding War Diaries and Intelligence

Place

Date

Hour

Summary of Events and Information

(to be prepared not advised)

INTELLIGENCE SUMMARY

WAR DIARY

War Diary of 3rd Australian Trench Coy. for July 1918.

Continuation of Appendices.

- 11a. Notice from Jof M. G.H.Q. re Economy in use of Timber.
- 12 From Hd Qrs. A.I.F. re. Use of distinguishing letter "T".
- 13 From Hd Qrs. A.I.F. re. Company Strength of Horse Transport Drivers.
- 14 from H.Q. A.I.F. re. arrangements for 4 NCOs. to attend Infantry School.
- 14a. Correspondence from 32nd Inf. Bde. re Working Parties.
- 15 Requisition for Working Parties 73rd Inf. Bde. (32nd Brigade)
- 16 Correspondence re Working Parties issued with Order 200.
- 17 32nd Inf. Bde. Working Parties under order B.M. 967.
- 18 from C.M. C.M. 2348 Ref: Military Training of Tunnelling Corps.
- 19. 2537 from C.O. Ref. Above & opinions on Military Training
- 20 Confidential letter from C.O. to Controller of M. re Sapper J.K. Forrester.
- 21 Design for 3rd Aust. Trench Coy. Vehicles as laid down by D.A.G. A.I.F.
- 22

Other papers for July forwarded to London

Added Appendices 11a to 51. Maps added "Aa" & "Ba".

Photo: W.M. Watson Ltd. 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

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A. Libby

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. 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
<p>WALSLEY</p> <p>30th Dec 1918</p>	<p>30th Dec 1918</p>	<p>10.15</p>	<p>Continuation of operations.</p> <p>4th Coy. H.Q. 11.15. to 12.00. 12.00. 12.15. 12.30. 1.00. 1.15. 1.30. 1.45. 2.00. 2.15. 2.30. 2.45. 3.00. 3.15. 3.30. 3.45. 4.00. 4.15. 4.30. 4.45. 5.00. 5.15. 5.30. 5.45. 6.00. 6.15. 6.30. 6.45. 7.00. 7.15. 7.30. 7.45. 8.00. 8.15. 8.30. 8.45. 9.00. 9.15. 9.30. 9.45. 10.00. 10.15. 10.30. 10.45. 11.00. 11.15. 11.30. 11.45. 12.00.</p>	<p>22/12/18</p>

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WAR DIARY APPENDIX

OF

3rd Clast. Tunnelling Coy.

FOR

July 1918.

LIST OF APPENDICES.

No.

Subject.

Company. Routine Orders.

52

No 775 ————— No 805.

J.S.

11th. Division Order No. 194.

3rd. July, 1918.

Reference Maps : Sheet 44.a., N.W. 1/20,000.
 " 44.b., N.E. 1/20,000.

1. 11th. Division Order No. 191 is cancelled and will be destroyed.
2. A gas cylinder discharge will take place on the front of the Division at an early date.
3. The gas will be discharged from cylinders loaded on trains of special trucks at Nos. 9 and 10 Railheads.
4. Nos. 9 and 10 Railheads are on the 9 lb. track.
5. (a) Trains of trucks will be brought to the Discharge Point by midnight.
 1 O.R. Special Company R.E. will accompany each truck.
 (b) On arrival at QUARRY DUMP G.23.b.8.8, the tractors will push the trucks on to the 9 lb. line, and then go^{on} to a siding to await the discharge.
6. After the discharge the tractors will pull the trucks back home.
7. On the day on which gas cylinders are sent up on the Light Railway, supplies for troops in the Right Section of the front will be sent forward by limber from CUP SIDING or Q.M. Stores under arrangements to be made by Units. Light Railway and Tramways from KINGSBRIDGE will not be available.
 Warning of this will be given by 2 p.m.
 Supplies for troops holding the Left Section will go up as usual by Light Railway.
8. Controller of Foreways, First Army, is responsible that the lines are kept in order and capable of taking the load required.
9. The operation will be controlled by O.C., Special Coys., R.E. First Army, who will be located at Corps H.A. exchange, NEUVILLE ST. VAAST (A.3.d.4.8. Sheet 51B. N.W.). He will be in telephonic communication with Nos. 9 and 10 Discharge Points, where O.C., "C" Special Company will be.
 ZERO hour will be at or soon after 12.30 a.m.
10. The wind limits are S.W. through W. to W.N.W., with a velocity of not less than 4 M.P.H. and not more than 20 M.P.H.
11. All personnel will be clear of the Danger Zone by 12.15 a.m. and will wear Box Respirators in the Cautionary Zone from 12.15 a.m. onwards.
 Danger and Cautionary Zones are shown on the attached Map (Issued to Nos. 4, 5, 6, 17 and 24 to 30).
 The 24th. Division is affected, the 1st. is not.
12. After the Discharge, O.C., "C" Special Company R.E. will inform both Brigades of the actual hour at which gas was liberated. The Brigades are responsible for informing the troops who will then re-occupy the line in accordance with para. 13 (c) below.

13. (a) The following anti-gas personnel will be detailed for the operation, and will be distributed under orders of the D.G.O. by 12.30 a.m. on the night of the operation.

D.G.O.
1 Divisional and 4) for each Battalion
Company Gas N.C.Os.) of Right Brigade.

8 trained men with flappers for
each Company of Right Brigade.

(b) Each dugout and tunnel exit will be provided with 1 brazier and with sufficient dry wood fuel to burn for 2 hour. All gas doors and blankets will be thoroughly saturated and closed. All fires will be extinguished before the dugouts are closed.

(c) Half an hour after the discharge, to allow the wind to clear the gas, anti-gas personnel will proceed to the Company Sectors wearing S.B.R. masks. They will clear the trenches by flappers and report to Company Commanders when all is clear. When the trenches are clear of gas, dugouts and tunnel exits will be opened and fires lit in the braziers. Sentries will be posted to keep men out of the dugouts or tunnels till they have been reported clear of gas.

14. Artillery harassing fire will remain normal until 3 hours after Zero, when it will be trabled.

15. The operation will be controlled by the following Code :-

Gas Attack will take place.	JAPAN.
Cancel Gas Attack.	RUSSIA.
Discharge finished.	BEDIVERE.
Line re-occupied by Infantry.	MORDRED.

16. The decision as to whether the operation will take place or not will be given at 1 p.m. on the day of the operation.

17. Arrangements for synchronization will be notified later.

18. All water tanks will be full when the operation takes place. Covers will be carefully adjusted, and every care taken to make the tanks as nearly gas proof as possible.

After the operation all water from these tanks will be run off; all full petrol tins which are not in gas proof dugouts will be emptied.

Unit Commanders concerned will ensure that no contaminated water is used for cooking or drinking.

19. ACKNOWLEDGE. ✓

A. Cooper

Lieut. Colonel,

Issued at 6 pm.

General Staff, 11th. Division.

Distribution Normal Minus Copy No. 13.

Plus Copy No. 24. Div. Gas Officer.

25. "C" Special Coy. R.A.

26. Controller of Foreways,
First Army.

27. A.O.L.R., First Army.

28. 3rd. Aust. Tunnelling Coy.

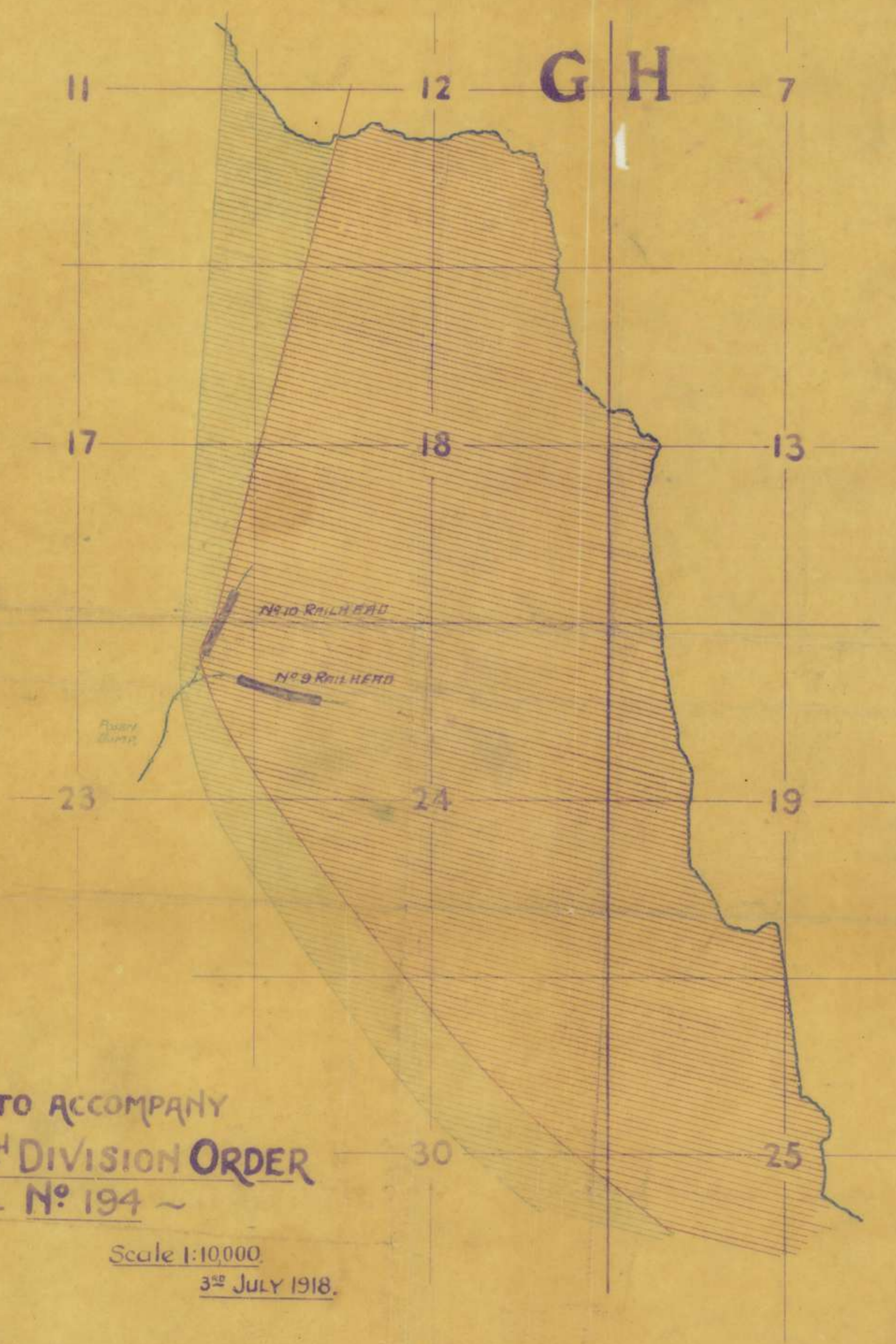
29. No. 10 Foreway Coy.

30. C.C. Special Coys. R.A.
First Army.

13, 356

APPENDIX 1

18



AWM 4
16/4/30

Handwritten notes and stamps at the bottom right of the map.



Map to accompany
 11th Division Order
 No. 194
 3rd July 1918
 Scale 1:10000

[Handwritten notes]

10/11/50
 Power

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APPENDIX

19
2

Take as

Appendix II.

O.C.,
3rd Australian Tunnelling Co.

CHIEF ENGINEER, VIII CORPS.	
No.	4/12/23
Date

With reference to our interview with the Corps Commander re HYTHE and CANTEEN Tunnels.

Prepare HYTHE Tunnel for demolition, in accordance with the decision made at the Corps Conference, viz., that the charges should be fired electrically.

The CANTEEN Tunnel need not be prepared for demolition at present.

With reference to HYTHE Tunnel, is it feasible to so arrange your leads that No. 1, No. 2 and No. 3 charges can be fired independently? This point is probably worth considering, as it may not be advisable to fire all three charges at the same time.

H.Q., XVIII Corps,
M.2nd July 1918.

H. G. Saltzman
Brigadier General,
Chief Engineer, XVIII Corps.

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APPENDIX 3

Appendix iii

C.E. I Corps. 3001.

Secret

O.C.

3rd Australian Tunnelling Coy.

Please see 55th Division early reference attached, and submit a report to this office as regards feasibility of either scheme and what the work would entail as regards men and time.

No work is to be started without sanction from Corps Headquarters.

J.W. Torrance

Brig:General.

Chief Engineer, I Corps.

6.7.18.

File

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APPENDIX 3

21

Copy.SECRET.Appendix III
C.E. I Corps. No. 3001.

55th Division No. G.S. 1175.

"G" I Corps No. 395.I CORPS.

The retention of the present front line (PICCADILLY) at GIVENCHY is essential.

In case of serious attack, it and trenches immediately behind it, will certainly be subject to very severe bombardment. Unless shell-proof cover exists within a very short distance of this front line, it will not be possible to preserve the garrison of it in a fighting state, or to reinforce it.

The enemy front line is distant less than 100 yards, and when our artillery lifts from our front line, the enemy could reach it, in existing circumstances, before we could get defenders from shelter into it.

I consider therefore that the provision of some form of shell-proof accommodation close by is essential. Concrete is out of the question in such a situation. The only alternative is deep dugouts. If placed in PICCADILLY the garrison using them would probably be overwhelmed before they could get out of them. It therefore seems desirable that they should be placed in the AVENUE from which exit would probably be possible.

The most effective arrangement would be to connect the AVENUE by a gallery with the existing MAIRIE - GIVENCHY KEEP - CALEDONIAN ROAD Tunnel, so that reinforcements and counter-attack troops would have the power of exit by any of the existing openings as well as by one or more in the AVENUE.

The distance to be tunnelled to complete this system would be about 200 yards. I submit that the work is of such great importance that it is desirable to undertake it at once, and I hope tunnellers may be made available.

If, however, these are not immediately available, I should be glad if a deep dugout system with entrances from the avenue could be constructed. May the O.C. Tunnelling Coy. be placed in communication with me with a view to a preliminary reconnaissance and bore?

sd. H. S. JEUDWINE.

55th Division H.Q.
5th July 1918.Major-General.
Commanding 55th Division.

Chief Engineer,
1 Corps/

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Reference your 3001 of 6/7/18.

Attached hereto is a plan showing in red the proposed extension of the GIVENCHY KEEP Tunnel to CALEDONIAN Road and The AVENUE Trenches - Including the inclines the length of the tunnel would be about 850 feet. The whole of the work would be in mudstone and, as in the GIVENCHY Tunnel, about 80 feet below water level. About three quarters of a Tunnelling section will be required for the work which will take two months to complete. The dugouts required can be made while the construction of the tunnel is in progress.

The proposal shown in blue is for a strongly timbered tunnel above water level - This would take $\frac{1}{2}$ a Tunnelling Section six weeks to complete, but as the cover would only be from ten to twelve feet it is not recommended.

The proposal shown in green is to sink an incline shaft from ROOKERY Trench and camouflet the BUNNY HUTCH subway at point marked (A). Then to pump out the CALEDONIAN Dugouts and join up with the GIVENCHY KEEP Shaft (B-C) on plan. This would take about six weeks provided the camouflet made a fairly good water seal in the gallery, but as it is very problematical if it would do so the first deep level proposal is recommended.

Wm. Sanderson.

Major,

O.C., 3rd Australian Tunnelling Company.

9/7/18.

Appendix iii
2534.

SECRET.

The C.E.,
1st Corps.

Herewith, please, amended proposal for extension of GIVENCHY TUNNEL. Plan also shows proposed new Engine Room near Givenchy Keep Shaft. The existing enlarged engine room near Mairie Shaft is not satisfactory, as the ground at that point is very bad and the girders cannot be supported by intermediate props without cramping the engine room.

The new engine room will be in good ground. The existing engine room can then be strutted and used as a dugout. The Division is asking for more accommodation at this point.

May the new engine room be commenced, please? → *The work will take one week*

Alan Sanderson Major.

11-7-18.

O.C. 3rd Australian Tunnelling Company.

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APPENDIX 3

Appendix iii

SecretController of Mines,
First Army/

3RD AUSTRALIAN TUNNELLING COY.	
No.	2532.
Date.....	11/7/18.

Reference extension of GIVENCHY Tunnel
to the AVENUE Trench.

Attached plan shows proposed extension in red. Total length is about 1000 feet including inclines.

Four faces could be worked on the tunnel as soon as the inclines are completed and Garrison dugouts made at the same time.

It is recommended that while the above work is in progress a small inclined shaft be sunk at A (shown in green) to within 15 feet of the flooded subway and a maximum camouflet blown. This may sufficiently block the subway to allow the Caledonian dugouts to be pumped out without draining the forward mine system. If successful, a permanent concrete block could then be built in the subway and connections made at B.C.D & E.

The work shown in red would take about two months to complete. Three fourths of a section would be employed.

Alex. Sanderson

Major,
O.C., 3rd Australian Tunnelling Company.

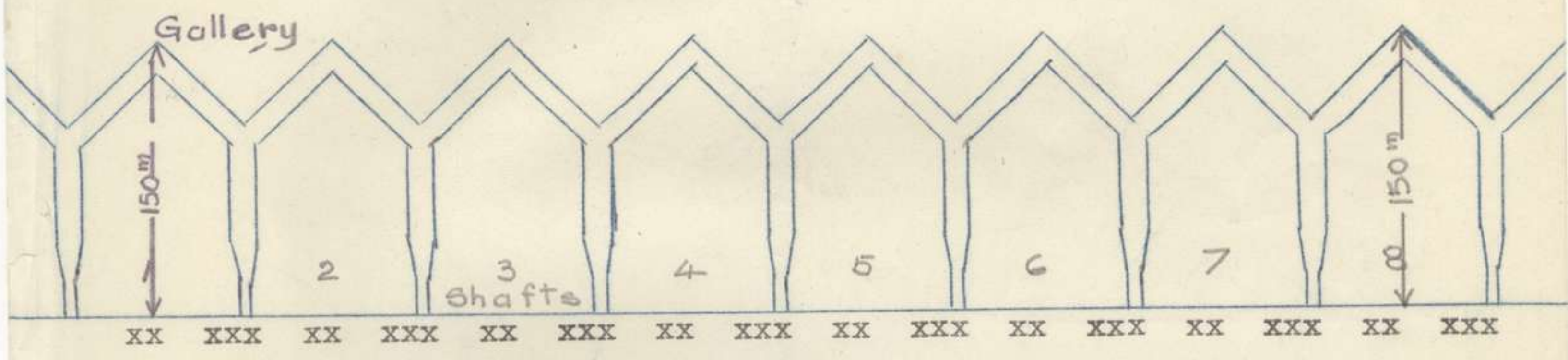
As. Side

356

EXTRACT FROM FURTHER EXAMINATION OBTAINED
BY SPECIAL EXAMINATION OF A PRISONER OF THE
3rd Coy., 371st I.R., 10th ERSATZ DIV.,
CAPTURED IN THE HULLUCH SECTOR JULY 17th.

XX XXX XX XXX XX XXX XX XXX XX XXX XX XXX XX XXX
MINING -

Prisoner states that in his company sector there are 8 shafts, each of which has been driven forward about 150 metres and, according to rumour, as far as the English Light Railway. These shafts are all connected up by a gallery, as shown below. The entrances in the trench are stated to be very narrow, but the shafts widen as they approach the lateral gallery. Prisoner does not think that any work is proceeding at the present moment on mining, but the shafts are visited at regular intervals by pioneers.



O. C.,
3rd Aust. Tun. Coy.

C.M. 2488
First Army.

Forwarded for your information and retention.

Army, H.Q.,
18/7/18.

H. H. Hill
Lieut: Colonel, R.E.,
Controller of Mines,
First Army.

Appendix V

55th Division No. G.S. 1262

File:

~~164th Inf. Bde.~~
~~165th Inf. Bde.~~

Starting from 9.30 p.m. to-night, the following daily working parties will be found by the Right Brigade for work in connection with the building of dugouts in THE AVENUE.

<u>Time.</u>	<u>Rendezvous.</u>	<u>No. of Men.</u>	<u>Reporting to.</u>
8 am.	Junction of THE ROOKERY & THE AVENUE.	10.	Representative 3rd Australian Tunnelling Coy.
2 p.m.	- do -	10.	- do -
9.30 pm	3rd Australian Tunnelling Coy. H.Q., PONT FIXE SOUTH.	40.	- do -

Acknowledge.

55th Division H.Q.,
 21st July 1918.


G. G. G. G. G.
 Lieut-Colonel,
 General Staff, 55th Division.

✓ Copy to 3rd Australian Tunnelling Coy. R.E.

(in books of 100)

MESSAGES AND SIGNALS.

No. of Message


Prefix	Code	Words	Received.	Sent, or sent out.	Office Stamp.
		i s d.	From	At	
Charges to Collect	By		To		
Service Instructions			By		
Handed in at		Office	m.	Received	m.
TO ZITI					
* Sender's Number		Day of Month.	In reply to Number		AAA
Bma 549		25			AAA
Ref	B0189	asa	GLAD		
asa Datum follows.					
Confirmation					
Perked					
FROM		RUGU			
PLACE & TIME		7.10 pm			

* This line should be erased if not required.

(in books of 100)

MESSAGES AND SIGNALS.

No. of Message

Prefix	Code	Words	Received.	Sent, or sent out.	Office Stamp.
		i s d.	From	At	
Charges to Collect	By		To		
Service Instructions			By		
Handed in at		Office	m.	Received	m.
TO VRQO RUGU ZITI					
* Sender's Number		Day of Month.	In reply to Number		AAA
Bma 550		25			AAA
In continuation of my Bma 549 of today asa DATUM plus three asa Acknowledge ✓					
W. G. G. G.					
28 (Bak)					
FROM		RUGU			
PLACE & TIME		7.35 pm			

35B


APPENDIX 6
27

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APPENDIX 6

MESSAGES AND SIGNALS. No. of Message _____

Prefix <i>SL</i>	Code <i>BY</i>	Words _____	Received.	Sent, or sent out.	Office Stamp.																								
			From <i>Copies</i>	At _____ m.																									
Charges to Collect _____			By <i>Harwood</i>	To _____																									
Service Instructions <i>YK Priority</i>			By _____	By _____																									
Handed in at _____			Once <i>7/11/18</i> m.	Received _____ m.																									
TO <i>3rd Aust. Tunn. Coy</i>																													
* Sender's Number <i>991</i>		Day of Month <i>25th</i>		In reply to Number _____																									
A A A																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"><i>Ref</i></td> <td style="width: 25%;"><i>DO 198</i></td> <td style="width: 25%;"><i>GLAD</i></td> <td style="width: 25%;"><i>aaa</i></td> </tr> <tr> <td><i>ZERO</i></td> <td><i>datum plus</i></td> <td><i>three</i></td> <td></td> </tr> <tr> <td><i>aaa</i></td> <td colspan="3"><i>Acknowledge via address</i></td> </tr> <tr> <td><i>all</i></td> <td colspan="3"><i>recipients of DO</i></td> </tr> <tr> <td><i>198.</i></td> <td colspan="3"></td> </tr> <tr> <td colspan="4" style="text-align: center;"><i>Confirmation</i></td> </tr> </table>						<i>Ref</i>	<i>DO 198</i>	<i>GLAD</i>	<i>aaa</i>	<i>ZERO</i>	<i>datum plus</i>	<i>three</i>		<i>aaa</i>	<i>Acknowledge via address</i>			<i>all</i>	<i>recipients of DO</i>			<i>198.</i>				<i>Confirmation</i>			
<i>Ref</i>	<i>DO 198</i>	<i>GLAD</i>	<i>aaa</i>																										
<i>ZERO</i>	<i>datum plus</i>	<i>three</i>																											
<i>aaa</i>	<i>Acknowledge via address</i>																												
<i>all</i>	<i>recipients of DO</i>																												
<i>198.</i>																													
<i>Confirmation</i>																													
FROM _____		<i>11 Divn</i>																											
PLACE & TIME _____		<i>6.55 pm</i>																											

* This line should be erased if not required.

File at

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Appendix III

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AUSTRALIAN IMPERIAL FORCE.

*A. B.
3rd Aust. Trans Coy*

Headquarters,
Australian Imperial Force.
Care H.Q., Fifth Army.
26th July, 1918.

Circ. Memo. 45/01/63.

ADMISSION OF N.C.Os. & MEN TO THE INDIAN
TRAINING COLLEGE, WELLINGTON, INDIA WITH
A VIEW TO APPOINTMENT TO PERMANENT COM-
MISSIONS IN INDIAN ARMY.

1. The Government of India is prepared to accept in or about September, 1918 for admission to the Indian Training College at Wellington, India for the course commencing about January next a further quota of N.C.Os. and men of the A.I.F. who are either serving with their units or with Officer Cadet Battalions, with a view to their qualifying for permanent Commissions in the Indian Army.
2. The number of vacancies allotted to the A.I.F. is 13.
3. Candidates must be -
 - (a) Not more than 21 years of age on 1.7.1918;
 - (b) Unmarried;
 - (c) Of suitable education.
4. Selected candidates will be required to attend at the India Office at 3 p.m. on 4th September, 1918 for interview by a selection board and for examination by a medical board at 11 a.m. on the 5th September.
5. Candidates will be informed that they will be required to undergo a preliminary course with an Officer Cadet Battn. in England from the middle of September to the middle of November and that any candidate who is not favourably reported on at the conclusion of this course will not be sent to India but will be returned to his unit. Whilst attending this preliminary course candidates will be dealt with as regards pay and allowances &c. as if they were undergoing such course with a view to a commission in the A.I.F., except that candidates will be required to provide themselves with Officer Cadets' uniform the cost of which is £9.
6. Candidates finally accepted will be required to pay to the India Office before embarking for India the sum of £50 towards the cost of contingent expenses at the Training College plus £18 in respect of pocket money for the course of instruction which will not be concluded earlier than November, 1919. On being commissioned a further sum will be required to cover cost of equipment beyond the outfit allowance of £50 granted by the Government. The attention of all prospective candidates will be specially drawn to this.

"2."

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7. It is important that the financial conditions contained in this letter should be carefully explained to intending candidates who should be informed that only those who desire to take up permanent commissions in the Indian Army can be accepted.

8. When recommending candidates Brigade and other Commanders will pay special attention to their educational qualifications and should recommend only such candidates as are thoroughly fitted educationally.

9. Candidates finally accepted will be discharged from the A.I.F. from the date of embarkation for India.

10. Applications will be submitted in duplicate for each candidate on form S.D.296/S.G.D. to reach this office by 18th August, 1918.

11. Copies of S.D.296/S.G.D. and extracts from a Circular upon the advantages of service in the Indian Army are issued herewith.

will be sent required
H.D. Hunter

Brig-General.

D.A.G., A.I.F.

Distribution -

- H.Q., Aust. Corps.
- Each Aust. Div.,
- Each Army Bde., A.F.A.
- 36th (Aust) Bde, H.A.
- Admin. Headqrs., A.I.F.,
- H.Q., A.I.F. Depots in U.K.

(Faint, mostly illegible text, likely bleed-through from the reverse side of the page)

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SERVICE IN THE INDIAN ARMY.

The advantages and attractions of service in the Indian Army are perhaps not sufficiently appreciated by many of the young officers at present serving in the British Army to whom, just now, an exceptional opportunity is being offered to transfer to the Indian Service.

2. First as regards pay and pension - both are on a liberal scale - as far as the Infantry is concerned an ordinarily careful man can live comfortably on his pay and do much the same as his brother officers in the way of amusement and sport. In the Cavalry expenses are higher, and though the pay also is higher, it is not sufficiently so to cover the higher expenses and a private income of not less than £100 a year is very desirable.

3. The rates of pay and pension are as follows -

	<u>P A Y.</u>		
	Indian Army Pay per mensem.		
Bt.Colonel and Lt-Colonel	827	Rs. 14	A. 0 P.
Major	640	14	0
Captain	400	0	0
Lieut. and 2nd Lieut.	280	0	0

Officers employed regimentally also receive (in addition to their Indian Army Pay) Staff Pay as follows -

INFANTRY -

Commandant	600	Rs. per mensem.	
1st Double Coy. Commander (2nd in command)	250	"	"
Double Coy. Commander	200	"	"
Double Coy. Officer (Adjutant)	200	"	"
Double Coy. Officer (Q.M.)	150	"	"
Double Coy. Officer	100	"	"

CAVALRY -

Commandant, Cavalry Regiment	700	"	"
Second in Command	300	"	"
Squadron Commander	250	"	"
Squadron Officer (Adjutant)	250	"	"
Squadron Officer (Q.M.)	200	"	"
Squadron Officer	150	"	"

Officers are also granted exchange compensation at the rate of $\frac{1}{4}\%$ on their pay and staff pay.

NOTE - The present official rate of exchange is $\frac{1}{4}$ the rupee - £1 equals Rs.15.

P E N S I O N S.

4. After 18 years service £200 a year, increasing by varying annual increment to £700 after 32 years service. For those attaining the rank of General there are higher rates.

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APPENDIX 8

AUSTRALIAN CORPS SCHOOLS

Appendix VIII

AUSTRALIAN
CORPS SCHOOLS.
No. 169/627
Date. 23-7-18

C.O.
3rd. Tunnelling Coy.

No. 1012 Sgt. GOODLAD is being returned to Unit today as he has been classified by the Medical Officer of this Unit as being Medically unfit to finish current Infantry Course . Attached herewith is certificate by Medical Officer.

[Signature]
Capt. & Adjt.
for Lt. Col.
Commandant.

24-7-18.

Appendix VIII

Avon Corps School
22/7/18

Sgt. Goodlad 3^d Tunn. Coy. is medical unfit for the infantry course at this school.

[Signature]
M.O.

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APPENDIX 9

Appendix IX

FOOTBALL.

"THE DINGOES" V "THE WALLABYS" Thursday 25-7-18. 6 pm.

"The Dingoes"			"The Wallabys" (Blue & White)		
MILLANE J.A. (Capt)	Scrn 1		ACKLIN B.H. (Capt)	4	
TAYLOR Cpl	Sect. 4		MCCARTHY Spr	Sect. 4	
HIGGINS L/Cpl	1		McINDOE "	2	
FOWLER A. Spr	2		HANBURY "	4	
Hq BOLCH A.R. "	H.Q.		Hq JOHNSON J "	H.Q.	
BLIZZARD D "	1		Hq BUTCHER Cpl	"	
McLEAN A "	1		Hq DOUST Spr	"	
Hq KENNEDY "	2		ALLEN Lieut	1	
LANEY P "	2		PETTIGREW Spr	1	
CRONIN "	4		ROSE Cpl	2	
FULLERTON "	1		R'DFERN Spr	1	
RAMSEY "	4		THOMPSON L/C	2	

Emergency:-
 MENZIES W. Spr 2

Emergency:-
 SHAW C.C. Lieut 3 Points

Won by "The Dingoes" - 5 goals 8 behinds = 38
 5 goals 6 behinds = 36

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APPENDIX 10

Appendix X.

SECRET.

73rd. I. B. No.
B.M. 417.

Reference 73rd. Infantry Brigade Order No. 195,
ZERO DAY will be the 22nd. July, 1918.

Acknowledge.

F. R. BONDGE

H.Q. 73 I.B.
19. 7. 18.

Captain for
Brigade Major, 73rd. Infantry Bdo.

Copies to all recipients of 73rd. I. B. Order No. 195.

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SECRET.

Copy No.

3

Ref. Sheet
TWISTED
ALLEY 1/10,000.

73rd INFANTRY BRIGADE ORDER No. 195.

H.Q. 73rd I.B. July 17th 1918.

1. A minor enterprise will be carried out by 7th Northamptonshire Regiment at a date to be notified later against enemy trench system in the vicinity of HUNT SAP H.38.d.
2. The strength of raiding party will be 3 Officers and 50 O.Rs.
3. Zero hour will be 8 p.m.
4. Detailed orders for this operation have been drawn up by O.C. 7th Northamptonshire Regiment.
5. (a) The raiding party will be assembled under cover in NO LIPS LAND just West of the Railway, shortly before ZERO.
 (b) At ZERO minus 1 a light barrage will be put down on the point of entry, and will lift at ZERO plus 2, at which time party will enter enemy's lines.
 (c) At ZERO minus 1
 (i) A Box Barrage will be put down round the area to be raided, and a smoke screen placed on both flanks.
 Machine Guns, Light T.M.'s and T.M.'s will co-operate in this barrage, and will engage known M.C. Emplacements and sweep enemy C.Ts.
 (ii) Heavy Artillery will co-operate by Counter-Battery work, and maintaining junction of trenches about HARPEN ALLEY under fire.
6. The signal for the barrage to cease fire will be a Rifle Grenade rocket bursting into GREEN
RED
GREEN
 fired from "D" Entrance HETHE TUNNEL. This signal will be repeated over the wire from Advanced Battalion H.Q.
7. The signal for the withdrawal will be the sounding of a KLAXON HORN.
8. Prisoners will be sent via HETHE TUNNEL to Brigade Headquarters.
9. Watches will be synchronised on ZERO minus 1 day at 8 p.m., and on ZERO Day at 9 a.m. at the following places, under arrangements to be made by Brigade Signal Officer:-
 (a) Brigade Headquarters.
 (b) Adv. Battalion H.Q. - ~~HETHE TUNNEL~~. *LES BREBIS.*
 (c) By Special D.R. - H.Q. 91st Bdo. R.G.A.

Units concerned will arrange for an Officer to attend at the most convenient place mentioned above at the hours indicated.

10.....

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APPENDIX/O

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FR

(2)

10. Barrage tables of all Units co-operating will be issued to all concerned.
11. Advanced Battalion H.Q. 7th Northamptonshire Regiment will be established 1 hour before ZERO at Advanced Coy. H.Q. in HYTHE TUNNEL.
12. A liaison Officer from Left Group, 24th Divisional Artillery will be attached to Advanced Battalion H.Q. 7th Northamptonshire Regiment for the operation.
13. ZERO Day will be notified later.
14. Acknowledge.

7 R. B. Budge

Issued at 7 p.m.

Captain for
Brigade Major, 73rd Infantry Bde.

Copy No.	1.	Filo.
	2.	War Diary.
	3.	" "
	4.	"G" 24th Divn.
	5.	" " "
	6.	C.R.A.
	7.	C.R.E.
	8.	17th Inf. Bde.
	9.	Left Flank Bde.
	10.	9th Royal Sussex Regt.
	11.	7th Northamptonshire Regt.
	12.	13th Middlesex Regt.
	13.	73rd Light T.M. Battery.
	14.	129th Field Coy. R.E.
	15.	73rd Field Amb.
	16.	3rd Aust. Tunlg. Coy. R.E.
	17.	24th Bn. M.G. Corps.
	18.	" " " "
	19.	D.T.M.O.
	20.	48th Army Bde. R.F.A.
	21.	Town Major, HYTHE TUNNEL.
	22.	Brigade Signals.
	23.	91st Brigade R.G.A.

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APPENDIX

37
10

SECRET.

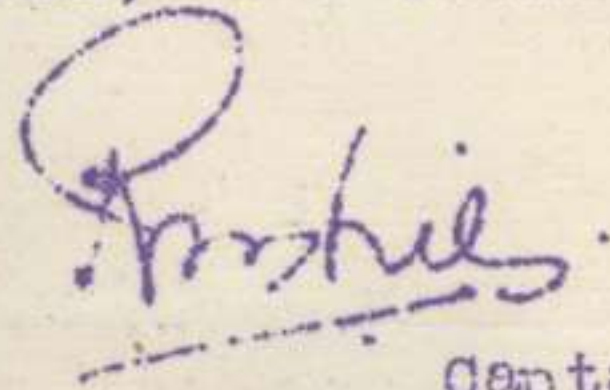
Appendix X

AMENDMENT to 73rd Infantry Brigade Order No.195.
dated 17/7/18.

Delete sub-para. (b) of para. 9 and substitute :-

" Advanced Company H.Q. of Forward Company of
Right Battalion - HUME TUNNEL, near COOKHOUSE
Entrance."

H.Q. 73rd I.B.
17.7.18.


Captain for
Brigade Major, 73rd Inf.Bde.

Copies to all recipients of 73rd I.B. Order No.195.

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"A" Form *App. XI* Army Form C. 2122 (In pads of 100) MESSAGES AND SIGNALS. No. of Message.....

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

TO { *O/C 3rd Australian Tunneling Coy*

Sender's Number. ** R 65* Day of Month. *23/4* In reply to Number. *AAA*

Can you please supply me with a plan of the Vermelles Tunnel system as I wish to put in gas doors to all exits etc.

GAS OFFICER,
11th DIVISION,
RPH in bottom part R8
No.....
Date *23/4/18*

From.....
Place.....
Time.....

The above may be forwarded as now corrected. (Z)
Censor..... Signature of Addressor or person authorised to telegraph in his name.

* This line should be erased if not required.

39.

APPENDIX // A



Appendix IIa

Controller of Mines,
First Army.

COPY.

I-of-M.
3781

356

The amount of mining timber available is strictly limited
Rigid economy in the use is therefore essential.

97

G.H.Q.,
2/7/18.

Sd/ B.W.Y. DANFORD,
Lieut:Colonel, R.E.,
for Inspector of Mines.

O.C., 3rd Aust. Tun. Coy.

- 2 -

C.M. 2306.
First Army.

for information.

3/7/18.

*File as Chief
to O.C. 3rd Aust. Tun. Coy.
ERAK*

H.A. Gill

Lieut:Colonel, R.E.,
Controller of Mines, First Army.

AUSTRALIAN IMPERIAL FORCE.Appendix 12
15/120
A. I. F.Headquarters, A.I.F.,
Attached Australian Corps,
1st July, 1918.O.C.,
2nd Aust. Tunnelling Coy.

(Copies to 1st & 3rd Aust. Tunn. Coys)

With reference to your memo of 31.5.18 forwarding copy of correspondence from Controller of Mines, 4th Army relative to use of distinguishing letter "T" on vehicles of Tunnelling Coys. and forwarding suggested design for marking vehicles of your Coy. you are informed that advice has now been received from the Q.M.G., G.H.Q. that such design is approved for the Aust. Tunn. Coys. - the distinctive figure being altered according to the No. of the Coy. holding the vehicle on charge.

I am to ask that you will forward a copy of your design to the 1st and 3rd Aust. Tunn. Coys. for their information.

D. A. G.
D.A.G., A.I.F. Brig-General.

*File
as*



appendix 13

AUSTRALIAN IMPERIAL FORCE.



Headquarters, A.I.F.,
Attached Australian Corps,
30th June, 1918.

O.C.,
3rd Aust. Tunnelling Coy.

Please advise what strength of Horse Transport Drivers are at present with your Company and whether they have been appointed to the rank of Driver. The rate of pay drawn by each should also be stated.

T. H. Doolittle Brig-General.
D.A.G., A.I.F.

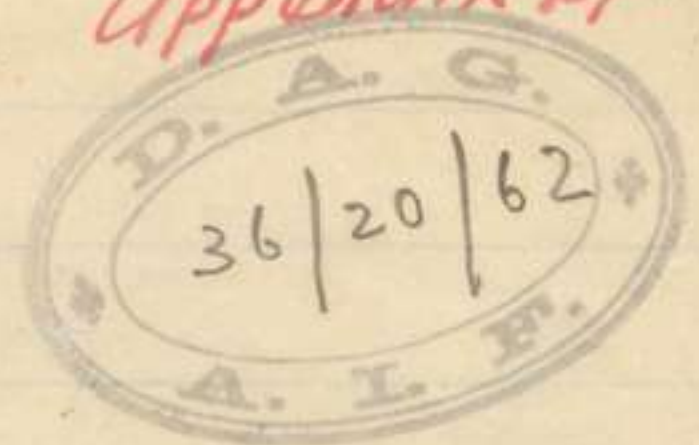
*Ans'd
No. 2487
of 27/7/18.*

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8



Appendix 14



File

AUSTRALIAN IMPERIAL FORCE.

Headquarters, A.I.F.,
Attached Australian Corps,
2nd July, 1918.

C.O.,
3rd Aust. Tunnelling Coy.

Arrangements have been made for four
N.C.Os. of your Company to undergo an Infantry Course at
the Australian Corps School. This course will commence
on 10.7.1918 and disperse on 14.8.18.

The N.C.Os. selected should be sent to
report to Aust. Corps Depot at PERNOIS on 9th inst. and
arrangements will be made for them to proceed from there
to the School on 10th July.

A nominal roll should be sent to Commandant,
Aust. Corps School, and copy to this office, and copy to
Aust. Corps HQ. by 7th instant.

Allesman
Brig-General.
D.A.G., A.I.F.

- Curtis, H. No 3 Sect.
- Lear, B. J. No 2 Sect
- Seyt. Low No 4 Sect
- ~~Richardson~~ No 1 Sect Goodlad.

Lt Horn

Coy Routine orders for 9th should warn these
men to be ready for movement at 7am. on
that date. *M. Moya*

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APPENDIX 14A

Appendix 14a

B.M. 967

To:-
 9th West Yorkshire Regt.
 2nd Yorkshire Regt.
 6th York and Lancaster Regt.
 32nd L.T.M. Battery.
 68th Field Coy., R E.
 3rd Aust. Tunnelling Coy.
 D.T.M.O.

Parties will be found in accordance with
 the attached Table ~~at~~ by units of 32nd Infantry Brigade
 from 2 a.m., 6th July.

*altered
X 1/2/m*

Parties detailed to report at an earlier
 hour on the night 5th/6th July will not be provided.

Wootton

Captain.
 Brigade Major.
 32nd Infantry Brigade.

2nd July 1918.

Copy to:- 54th Inf. Bde (For information).

*File
as*



Table of Working Parties.

HULLUGH Section.

356

Serial No.	Found by	Strength of Party.	Time.	Rendezvous.	Report to	Remarks.
1 (a).	Right Battn.	12 men	9 am.	"K" Shaft G.24.d.2.9.	68th Field Coy. R.E.	Spoil party.
1 (b).	-do-	12 men	5 pm.			
1 (c)	-do-	1 N.C.O & 20 men	9 pm.			
1 (d)	-do-	12 men	5 am.			
2.	-do-	1 N.C.O & 5 men	7 pm.	POSEN Coy.H.Q.	L.T.M.B.	Carrying party.
3 (a)	Left Battn.	12 men	6 am.	DRESSING STATION DUMP Tunnel	Australian Tunnelling Coy.	Spoil party for DEVON POST.
3 (b)	-do-	12 men	2 pm.			
3 (c)	-do-	12 men	10 pm.			
4	-do-	20 O.R.	9.45 pm.	Coy. H.Q. & G.17.d.6.1.	L.T.M.B.	Carrying.
5	-do-	20 O.R.	9.30 pm.	-do-	M.T.H.	-do-
6	Support Battn.	8 men	8 am.	"L" & "L" Shafts. (NORTHERN SAP REDOUBT).	68th Field Coy. R.E.	Spoil parties.
7	-do-	8 men	2 pm.			
8	-do-	8 men	8 pm.			
9	-do-	8 men	2 am.			
10.	-do-	16 O.R.	10 pm.	Right Battn.H.Q.	M.T.H.	Carrying.

2nd July 1918.

W. H. M.
 Captain.
 Brigade Major. 52nd Infantry Brigade.

Cancelled
 100
 142
 44

Officer Commanding,
7th Northampton Regiment.
3rd Australian Tunn. Coy. R.E.
(for information).

REQUISITION FOR WORKING PARTIES.

Date June 30th 1918.

JULY 3rd 1918.

NUMBER REQUIRED.		To REPORT.			Nature of Work.	Tools to be brought by Working party.	Whether Rations are to be Brought.	Locality of Work.	Time at which Work will probably Cease.	REMARKS.
O.	O.R.	When.	Where.	To whom.						
	30	8 a.m.	Adv. Div. H.Q.	Officer 3rd Aust. Tunn. Coy.	Carrying spoil from mining work.	No.	Haversack ration.	Div. H.Q.	4 p.m.	One party will cease work on arrival of following party.
	20	4 p.m.	do.	do.	do.	No.	do.	do.	12 mid-night.	
	20	12 mid-night.	do.	do.	do.	No.	do.	do.	8 a.m.	

356

H.Q.
73rd INFANTRY BRIGADE.
No. 13M 748
Date 30/6/18

Chevallier

Captain,

Brigade Major 73rd Infantry Brigade.

Nearest equivalent unit to be sent.

Time, name of place and map reference to be given.

Name and Unit of Officer or N.C.O. to be given.

Only those tools to be named which Infantry are to bring with them to "Rendezvous."

Signature of Requisitioning Officer

Appendix 15
15

B.M.987

200

File

356:-

- 9th West Yorkshire Regt.
- 2nd Yorkshire Regt.
- 6th York and Lancaster Regt.
- 32nd L.T.M.Battery.
- 68th Field Coy., R.E.
- 3rd Aust. Tunnelling Coy.
- D.T.M.O.

Reference Table of Working and Carrying parties

(B.M.967) issued with 32nd Brigade Order No.200 on 2nd inst.

Parties No.6, 7, 8 and 9 are cancelled.

Reporting to

4th July 1918.

*to B 80
J. L. C. M.
P. E.*

W. Stone

Captain.
Brigade Major.
32nd Infantry Brigade.



Appendix 17

B.M. 995

Reference this Office B.M.967 of 2nd July.

Working and Carrying parties detailed in the Table issued under the above number will be found by units of 32nd Infantry Brigade from 8 p.m., 6th July.

W. J. ...
Captain.
Brigade Major.
32nd Infantry Brigade.

6th July 1918.

Issued to:-

All recipients of 32nd Inf. Bde. No. B.M.967.

at.

356



48
~~103~~

Appendix 18.

O. C.,
3rd Aust. Tun. Coy.

C.M. 2348
First Army.

MILITARY TRAINING OF TUNNELLING COMPANIES.

The Chief Engineer, First Army, is anxious to have Tunnelling Companies devote more attention to military training. They are liable to be called upon at any time to assist in the defence of the line during an emergency, and therefore require training in musketry and infantry work generally.

Special 7 day Courses have already been started at First Army Musketry School, and it is hoped that similar facilities will be obtained at Corps Schools.

1. Please send in a resume of the training that has been carried out in your company during April, May and June, with special regard to musketry and rifle practice.
2. The training now in hand.
3. The number of Officers and men taking courses April, May and June, giving details.
4. Details of courses now in progress and details of vacancies now allotted you for courses, if any.
5. Your suggestions regarding the courses, and the best way to carry out the training proposed.

First Army, H.Q.,
6th July, 1918.

H. H. Gill
Lieut. Colonel, R.E.,
Controller of Mines,
First Army.

Reply No 2537

File a.s.
a. magis

File.

Appendix 19

49.

58
Controller of Mines,
First Army/

104
2537

12/7/18.

Reference your C.M.2348.

- (1) The order for military training which has always been in force in this unit, under normal circumstances, is as follows:-
One relief per section per day will receive two hours infantry training.
- (2) Since our rifle range was constructed one fourth of this training is Musketry instruction, and practice on the range. The system adopted is that each relief receives two hours infantry training every fourth day, and every sixteenth day the training consists of Musketry instruction and practice on the rifle range.
- (3) The amount of training under present conditions is certainly insufficient, but it is not considered advisable to take up more time from the period allotted for rest. More complete Sectional and Company training is required in addition to the individual training now given. I would like to withdraw each section completely from tunnelling operations once a week for one day's combined Sectional training, and once a month for two days' combined Company training. This would mean approximately 95% less working time on tunnelling, which would be taken up by a similar amount of time spent on infantry training. However, the general efficiency of the men would be so much improved that the loss in actual tunnelling work performed would probably be much less in proportion.
- (4) No officers or other ranks have attended courses during the months of April, May or June. In March last one officer and two N.C.O's passed through a ten days' course of Lewis Gun instruction. Since which time they have trained 64 O.R's of this unit in Lewis Gunnery.
At the present time 4 N.C.O's of this unit are attending a five weeks' course of infantry training at the Australian Corps School. No other vacancies for courses have been allotted.
As soon as officers are available it is proposed to ask for four vacancies in the infantry course for officers at the Australian Corps School, so that one officer from each section can be sent for training.
- (5) It is strongly recommended that authority be granted for withdrawal of sections from tunnelling operations as mentioned in paragraph (3) above for the purpose of undergoing military training.

Alex Sanderson

Major,

O.C., 3rd Australian Tunnelling Company.

Copy

CONFIDENTIAL.

56
Controller of Mines,
1st Army.

Appendix 20
50

2504

6-7-18

Reference the attached correspondence and our conversation of 4-7-18.

Spr FORRESTER J.K. No 9543 has recently joined this unit. He is doing good work, and would make a good officer.

There are very few Other Ranks in this unit that I could recommend for commissions in a Tunnelling company. Two men only would be put up before Spr Forrester, on account of longer service here, in addition to good qualifications.

It is realised that every consideration should be given to those men with ~~long~~ long service in the Field to their credit. At the same time, as far as this unit is concerned, there are so few suitable men available that I would like Spr Forrester to be reserved for a commission in this unit when a vacancy occurs.

If preference is given to men on service here over any fresh promotions granted in Australia, it is not likely to be long before those suitable have opportunities of gaining Commissioned rank.

Alex. Sanderson.

Major,
O.C. 3rd Australian Tunnelling Company.



APPENDIX

51.
21

File

Appendix 21

O. C. 1st Aust. Tunnelling Coy.
~~3rd~~ Aust. Tunnelling Coy. ✓

Herewith design for vehicles as laid down by D.A.G., A.I.F.
in his 15/120/d/1/7/18.

No. 2
AUSTRALIAN TUNNELLING COY.
No. 1635
Date 6/7/18.

E. C. M. ... Major, O.C.
2nd Australian Tunnelling Coy.

O. Comp Records

356



APPENDIX

52.
21

356



53.

107

gate

8 a.m.
H.Q. 8/7/18.

Appendix 22

To Co.

N° 3 A.T.C.

Hd. Q^{rs}.

Re Boring for Signal Cable at Le Rutoire.

11th Div. Signals Office rang up last night to enquire about the progress of the bore. I told them what I knew.

They informed me that the Cable was over 2" diam.. I then went up to inspect Cable & found it to be 2 $\frac{1}{4}$ " diam (nearest measurement). The cable will be lying at the

Signal Lines, just over the railway line at the side of C.R.E. office opposite our Mess, until 11 a.m. this morning

As they require also a "return" cable, two 6" bore bores will be necessary & as I'm pretty certain one 6" bore will not take 2 cables.

I shall stop the boring this morning until I have further orders from you.

J. B. Shaw.

1/c. N° 4 Section.

File

356

Controller of Mines,
Third Army.

178 Coy., R.E. 220.
C-of-M. Third Army No. 109/160.
I-of-M. H.Q. No. 3803.
C-of-M. First Army No. 2724.

I beg to forward the following account of a "Gas Scare" we had a few days ago. This may be of some value to others.

A three entrance dugout was in course of construction for 12th Division, the entrances being out for a distance of about 30 feet each. They were not connected below ground. It was reported to me that this work had been stopped owing to gas coming from the face. I at once proceeded to the spot to investigate.

I questioned the H.Q.C. in charge and all the men and each one stated that there was absolutely no doubt as to this being gas, and the sappers at the face declared that as they picked they could feel the gas coming out.

As I considered it impossible that a gas shell could have penetrated through exceptionally hard chalk to this depth I looked about for other reasons.

On enquiring I found that the area around the dugout had been subjected to a two hours ~~bombardment~~ gas bombardment six hours previous, but that, as the wind was in the right direction no gas had come near the dugout. I found however that our dump of sandbags was in the shelled area, and traced the gas as having been brought to the dugout on the sandbags. This proved correct as some of the sandbags still retained gas.

I had the dugout entrances ventilated with flapper fans and spread all sandbags in the sun.

No more trouble was experienced. No one was incapacitated but had this not been noticed early serious consequences might have ensued.

8/7/18.

(signed) G. NICOL, Major,
C.C., 178 Coy., R.E.

Inspector of Mines,
G. H. Q.

For information, please.

8th July. 1918.

(Sd) H.W. LAWE, Lieut. Col., R.E.,
Controller of Mines,
Third Army.

Controller of Mines,
First Army.

For information.

G. H. Q.,
10.7.18.

(Sd) H.R. DIXON, Captain R.E.,
for Inspector of Mines.

O.C., 3rd Aust. Tun. Coy.

For information.

First Army, H.Q.,
11th July, 1918.

J. Hill
Lieut. Colonel, R.E.,
Controller of Mines,
First Army.

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APPENDIX ⁵⁵ 24

C.R.E., Corps Troops No. 634/20.

- Q.C., No. 10 Foreway Coy. R.E.,
- 290 A.P.Coy., R.E.,
- 560 (Hants) A.T.Coy. ↓ R.E.,
- 170 Tunnelling Coy., R.E.,
- 3rd Australian (T) Coy., R.E., ✓

Appendix 24.

The attached copy of ruling on "Working Pay" is forwarded for information and guidance.

11th July, 1918.

C.R.E.,
I CORPS TROOPS.
No.
Date

J.H. Morgan
 Capt. & Adjutant,
 R.E., I Corps Troops.

File a.s.

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RE/2487/5.

APPENDIX

56
24.

III

D.A.G.,
3rd Echelon.

Your CR.98974/B of 1.7.18.

A ruling was given by A.G. on B/1581, and circulated to Armies on 13.12.15. as follows:-

(a) Working pay will be confined to individual cases only and no working pay will be sanctioned for any gangs.

(b) Working pay will only be issued under Article 845 to soldiers employed under the R.E., A.S.C., R.A.M.C. and A.O.C., and only when the employment is for a period of 7 days and upwards. I wish to prevent the payment for "casual labour" and only to pay skilled men who are more or less permanently attached to the Corps and Departments mentioned in the article under discussion.

(c) Each application will be considered on its merits and the question as to whether or not the work is of a "special character" as defined in Article 925 should be referred to the Branch concerned for a ruling. If the work is not deemed to be of a "special character" no question of the issue of working pay will of course arise and the application will be refused.

2. The enclosed applications for working pay do not appear to fall under the above headings, as work of a special character.

3. As regards R.E. works, I consider that working pay under Art. 845 is only admissible for skilled tradesmen and if attached to R.E. Units for at least 7 days, and definitely working under such units.

Instances of such cases are :-

- (i) To help R.E. in times of stress in R.E. workshops or works.
- (ii) To assist an E. & M. Coy. to run pumping stations or lighting sets.
- (iii) To assist an A.T. Coy. or Field Coy. in water supply, skilled work - not trench digging.

4. Working pay under Art. 925, work of "special character" applied to semi-skilled labour. I consider work of special character to be work which has to be organised and is under R.E. supervision, and is continuously employed not less than 7 days. Examples are:-

- (i) Officers and O.R. attached to Tunn. Cos. or Field Cos. for skilled dug-out work, not carrying parties.
- (ii) If attached to a R.E. unit for concrete skilled work, e.g. sheeting, mixing and laying.

5. Although units may perform similar work without being attached to R.E. or directly under R.E. supervision, it is likely to be casual work, and difficult to define or estimate the progress made. If continuous work is in question, it is desirable, as regards efficiency and economy of materials, to attach such units to R.E. Units.

The instances given on the Pay Lists include many items incidental to trench and camp life, and there can be no indication as to the amount of skilled work in such cases.

Pioneers are not eligible for working pay when in receipt of Pioneer pay. Troops now erect Nissen Huts, Armstrong huts, or simple camp buildings sent up in sections, without requiring skilled labour assistance beyond that of pioneers, and working pay does not appear to be admissible in such cases on active service.

(Sgd., G.M. HEATH, M.G.
Engineer-in-Chief.

6.7.18.

2.

C.R.E., I Corps Troops.

The above reply of E.-in-C. to D.A.G., 3rd Echelon to a request for ruling on certain working pay lists submitted by a formation is forwarded for your information and future guidance.

10.7.18.

Sgd., D.W. GREEN, Capt. R.E.,
S.O. to G.E., I Corps.

3.

1021 Vx

Charges to

Appendix 25

of 3rd Australian Tunnelling Coy.

Will you kindly call at
these HQ to-morrow evening
the 13th to discuss the work
proposed on the HYTHE TUNNEL
Implements. The B.G.C
wishes this work to be put
in hand as soon as you
can make arrangements to
do so.

358

C. V. Newby Capt.

12/7/18

H.Q.
THE SIGNALS REG.
FOR HQ
12/7/18

for Brig Major
73rd Signal Brigade
12/7/18
57

TABLE OF WORKING PARTIES.

Serial No.	Formed by.	Strength of party	Nature of work.	Rendezvous.	Time.	Guide found by	Remarks.
1.	Left Battn.	1 Offr, 25 O.R's.	Carrying Stokes Amm.	EXETER CASTLE G.M.c.5/9.	10.30 pm.	33rd L.T.M.B.	C.C.L.T.M.B notifies Left Battn if full party is not reqd.
2.	Left Battn.	3 N.C.Os 35 O.R's.	Spoil Party.	Junc: Hulluch Rd & LIMBER Trench.	9.15 pm.	67th Fd.Coy.	For new dugout in Limber Tr.G.17.a.93/65.
3.	Right Battn.	1 Offr. 30 O.Rs.	Pushing trucks & carrying shingle.	Rly Junction G.11.c.0/5.	10 p.m.	86/Fd.Coy.	Concrete L.G. Post G.16.a.55/90.
4.	Support Battn.	1 N.C.O & 10 men.	Spoil Party.	There broad gauge Rly crosses NOYELLES- VERMELLES Rd abt L.12.a.5/1.	9.0 p.m.	67/Fd.Coy.	New dugouts in NOYELLES Defences.
5.	Support Battn.	reliefs of 32 34 34	Spoil Party.	Aus.Tun: Coy.Adv. H.Q. INGLIS KEEP NOYELLES G.8.b.3/1.	6.0 a.m. 2.0 p.m. 10:0 p.m.	3/Aus. Tunnelling Coy.	<i>Louex</i>
6.	Support Battn.	3 men.	Loading party.	CLARIES KEEP.	6.0 p.m.	67/Fd.Coy.	
7.	Support Battn.	1 N.C.O & 6 men.	Transshipping party.	MANSION HOUSE.	9.30 p.m.	Report to R.T.O.	Transshipping rations from ten ton to one ton trucks.
8.	Support Battn.	1 Offr, 1 N.C.O. 12 men.	Loading slag.	PHILOSOPHE Slag Heap.	9 a.m. to work till 12.50 p.m. 2 p.m. to work till 6.0 p.m.		3 limbers provided by B.T.O.
9.	Support Battn.	1 N.C.O. 6 men.	Covering dugout.	Brigade H.Q.	9.30 a.m. 2.30 p.m.		Slag brought by limbers mentioned in 8 above.

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APPENDIX

116

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1918

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SECRET

Side A

Copy No. 20

BRIGADE SECRET PAPERS.

8. WORKING PARTIES.

Table of working parties found by this Brigade, cancelling all previously issued, is shewn on reverse.
On inter-battalion relief days, parties will be taken over from 2.0 p.m. inclusive.

9. CARE OF BRIGADE SECRET PAPERS.

Battalion Commanders will warn their Company Commanders that Brigade Secret Papers must be kept in proper custody and NOT left lying about. Unless this is done, information which might be of value to the enemy, will come to the knowledge of unauthorised persons.

10. A.R.A. PLATOON COMPETITION.

Ref. D.R.O. 2295 of today. Battalions will say by first post tomorrow whether on reconsideration they wish to enter for this competition.

11. ARTILLERY NIGHT HARASSING FIRE 5/6th July

Battery.	Time.	No. of rds.	Target.	Remarks.
A/58.	9 p.m. to 12 M.N.	75.	Tracks H.1.a. Light Railway & Track H.2.b. 54/47. Target No. 6 " 15.	In bursts at irregular intervals 60%.A.
4th Port: 75 m/ms.	9 p.m. to 3 a.m.	125.	Tracks H.1.a. Target No. 7 " 10. " 13 " 1 " 14	ditto
4/Port: 4.5" Hows.	9 p.m. to 12 M.N.	50	Dump H.1.c. 30/80. H.7.b. 05/70. Target No. 26.	ditto H.E.

Lawson

Major.
Brigade Major, 33rd Infantry Brigade.

5th July 1918.

Additional copies today to be acknowledged-

- No. 18 67th Field Coy. R.E.
- 19. 86th Field Coy. R.E.
- 20. 3rd Aus. Tunnelling Coy.
- 21. R.T.O. MANSION HOUSE.
- 22. Staff Captain.

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60.
APPENDIX 26

Appendix 26

"A" Form
MESSAGES AND SIGNALS.

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

No. of Message.....

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

TO	HOPE		
	JOMH	SIFI	
	LOTO		

Sender's Number. * BM64	Day of Month. 14 th	In reply to Number.	AAA
----------------------------	-----------------------------------	---------------------	-----

Add	to	Table	of
Working	parties		
Support of the relief of	20 ORS	Spirit	
Party	aus. Tunn Coy.	CLARKES	
kept	at 6 AM	2 PM	10 PM.
Commence	6 AM	15 th	
LOTO (11 th) will	report		of
unable (W. 2 nd) to	find		on
night	15/16 th		
Cancel	Serial	no 5	

From		
Place	PO60	327 B9de
Time		

The above may be forwarded as now corrected. (Z)

Censor.	Signature of Addressor or person authorised to telegraph in his name.
	W. H. H. H. H.

(18965.) W1. W12952/M1294. 187,500 Pads. 1/17 M.C. & Co., Ltd. (E. 812.)

COPY.

B.H.31.

SECRET.

Battalion reliefs in the HULLUCH Section will take place in accordance with the Table given below.

Orders for each relief will be issued by Brigade Headquarters.

From	To	Right Battn.	Left Battn.	Support Battn.
July 5th/6th.	July 9th/10th.	2nd Yorkshire Regt.	6th York & Lancs. Regt.	9th West Yorks Regt.
9th/10th	13th/14th	9th West Yorkshire Regt.	6th York & Lancs. Regt.	2nd Yorkshire Regt.
13th/14th	17th/18th	9th West Yorkshire Regt.	2nd Yorkshire Regt.	6th York & Lancs. Regt.
17th/18th	21st/22nd.	6th York & Lancs. Regt.	2nd Yorkshire Regt.	9th West Yorkshire Regt.

-----Brigade Relief on night 21st/22nd July-----

7th July, 1918

Issued to:-

All recipients of 32nd Infantry Brigade Orders.

(Sgd) R.G. Stone, Captain.
Brigade Major,
32nd Infantry Brigade.

Appendix 27.

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61

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115

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Appendix 28

File

55th Division No.

81210

164th Infantry Brigade.

The following working parties will be found by the Right Brigade until further orders :-

20 men at 9.30 p.m.
8 men at 5.30 a.m.
8 men at 1.30 p.m.

Work 8 hour shifts.

1st shift to begin at 1.30 p.m. 15th instant.

Rendezvous - 3rd Australian Tunnelling Coy. H.Qrs, PONT FIXE.

Task - Engine room dugout, GIVENCHY Keep.

H. P. ...

55th Division H.Q.,
12th July, 1918.

Lieut-Colonel,
General Staff, 55th Division.

Copy to 3rd Australian Tunnelling Co.

Officer Commanding
7th Northamptonshire Regt.
15th Middlesex Regt.
3rd Australian Tmg. Coy. R.E.

B.M. 517.

D.T.M.O., *North Division*

356

WORK TABLE for 16th July 1918.

Serial No.	Number of men.	Rendezvous.	Nature of work.	Supplied by.	To report to.	Remarks.
1.	2 Sections.	PRATT DUMP.	Carrying Medium T.M. Ammunition.	Left Battalion.	Representative of D.T.M.O.	2 Sects. to report at 7 a.m. 2 " " " " 10 p.m.
2.	1 Platoon.	Junction LENS Road SWITCH & NORTH STREET.	Carrying spoil.	Left Battalion.	3rd Aust. T mg. Coy.	3 shifts of 8 men reporting at 6 a.m., 2 p.m., 10 p.m. respectively.
3.	2 Platoons & 2 Sections.	EXTRE TUNNEL.	Carrying spoil.	Right Battalion.	3rd Aust. Tmg. Coy.	3 shifts of 20 each reporting at 6 a.m., 3 p.m., and 10 p.m. respectively. First shift to report at 2 pm. 16th inst.

NOTE. This cancels this office B.M. 1051 of 31/5/18 in so far as it refers to Working Parties found by Battalions holding the line.

H.Q. 73rd I.B.
15.7.18.

P. Newton
Captain for
Brigade Major, 73rd Infantry Brigade. 118

Appendix 29
62.

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APPENDIX 30

356

"A" Form. MESSAGES AND SIGNALS.

No. of Message.....

Prefix.....	Code.....	m.	Words.	Charge.	This message is on a/c of: <i>Appendix 30</i> Service.	Recd. at.....	m.
Office of Origin and Service Instructions.							Date.....
<i>D.R.L.S.</i>			Sent			From.....	
			At.....		m.	By.....	
			To.....			(Signature of "Franking Officer.")	
			By.....				

TO { *3rd Australian Tunneling Coy*

Sender's Number. * <i>B 6454</i>	Day of Month. <i>15</i>	In reply to Number.	AAA
-------------------------------------	----------------------------	---------------------	------------

Herewith list of Working Parties for your information

From <i>24 Mt Bk</i>	
Place	
Time	

The above may be forwarded as now corrected. (Z) *Mark Maw*
 Censor. Signature of Addressor or person authorised to telegraph in his name.

* This line should be erased if not required.

(3795.) Wt. W 492/M1647. 650,000 Pads. 5/17. H.W. & V., Ltd. (E. 1187.)



TABLE OF WORKING PARTIES

15/7/18.

Found by.	Strength of Party.	Nature of Work.	Rendezvous.	Time.	Guide found by	Remarks.
1. Left Battn.	1 Offr. 25,0.Rs.	Carrying Stokes ammn.	EXETER CASTLE G.11.c.5.9.	10-30 pm.	33rd LTMB.	O/O L.T.M.B. notifies Left Battn. if full party is not required.
2. Left Battn.	3 NCOs. 35 O.Rs.	Spoil Party.	Junc. HULLUOH RD & LIMBER TRENCH.	9-15 pm.	67th Fd. Coy.	For new dugout in LIMBER TR. G.17.a.93.63.
3. Right Battn.	8, O.Rs.	Pushing trucks & carrying shingle.	Rly. Junction. G.11.c.0.3.	9-30 pm.	86th Fd. Coy.	Concrete L.G. Post G.18.55.90. a
4. Right Battn.	20, O.Rs.	Spoil Party.	The Pump, Le RUTOIRE FARM.	10-0 pm.	86th Fd. Coy.	For dugout. G.16.a.9.1.
5. Right Battn.	1 NCO. 25, O.Rs.	ST GEORGES TRENCH.	Junc: of ST. GEORGES TR. & DEVON LANE.	10-0 pm.	67th Fd. Coy.	20 Shovels. } Required. 5 Picks. }
6. Suppt. Battn.	1 NCO. 10 men.	Spoil Party.	Where Broad Gauge Rly. crosses VERMELLES-NOYELLES RD. about L.12.a.5.4.	9-0 pm.	67th Fd. Coy.	New dugouts in NOYELLES Defence.
7. Suppt. Battn.	Reliefs of 20. 20. 20.	Spoil Party.	Aus. Tun. Coy. Adv. HQ. CLARKS KEEP VERMELLES. G.8.b.3.1.	6-0 am. 2-0 pm. 10-0 pm.	3/Austr. Tunnelling Company.	
8. Suppt. Battn.	3 men.	Loading Party.	CLARKS KEEP.	6-0 pm.	67 Fd. Coy.	
9. Suppt. Battn.	1 NCO. 8 men.	Transshipping Party.	MANSION HOUSE.	9-30 pm.	Report to R.T.O.	Transshipping rations from 10 ton trucks to one ton trucks.

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Appendix 3065

EXTRACT FROM DEFENCE SCHEME (PART 111) HULLUCH SECTION.

1947

356

Permanent Tunnel Wardens are provided by the Infantry and work under the Tunnelling Company R.E. Their duties are:-

- (a) To keep tunnels clean, scraping floors and baling out dumps.
- (b) To act as tunnel police and see that tunnel orders are obeyed.
- (c) To see lamps are in order. This includes oil lamps.
- (d) To report any disregard of orders to the nearest Company Office and to O.C., 3rd Australian Tunnelling Company.
- (e) To see that sanitary rules are not disobeyed.

7. In the event of attack personnel of Tunnelling Companies working in the HULLUCH Section come under orders of O.C., Left Battalion. They are responsible for the defence of all parts of the tunnel system which are only used by Tunnelling Company personnel.

8. In order to provide for the demolition of the forward portion of tunnels in case of necessity, demolition charges have been placed in them and traverses have been constructed with passages round them. There are charges in the HULLUCH and St. ELIE Tunnels.

9. Buried cables in pipe run from charge to locked chambers in HULLUCH and St. ELIE Tunnels respectively.

From the locked chambers, surface leads run to the Mine Rescue Station near the Power House. The surface leads and buried ones have free ends inside the locked chamber, but they are not connected together.

The exploder is kept at the Mine Rescue Station which is the firing position for all three charges.

To fire the charges it is necessary:-

- (a) To unlock the chamber concerned and connect buried and surface leads which are clearly tapped.
- (b) To connect the ends of the leads (which are also clearly tapped) at the Mine Rescue Station to the exploder.
- (c) Operate the exploder.

A copy of these instructions is nailed inside each locked chamber. The Left Battalion is in possession of the keys of the leads Chambers.

10. The following instructions for defence and demolition will be adhered to:-

- (a) A picquet of 2 N.C.O.'s 6 men to be detailed to man each traverse in case of attack.
- (b) Keys of the exploders will be kept in the tunnels at the rearmost Headquarters in each tunnel whether Company or Battalion.
- (c) 1 N.C.O. of the Tunnelling Company is to be responsible that the leads and charges in each tunnel are in good order. He will report to Battalion Headquarters in case of attack and fire the charge on receipt of orders from the Battalion Commander.
- (d) No charges will be blown without orders from Brigade Headquarters.
- (e) A copy of these instructions to be kept at Battalion Headquarters and to be handed over on relief. A receipt for them to be given to the O.C., Outgoing Battalion and to be forwarded by him to Brigade Headquarters.

O.C. No. 4 Section.

For your information - Please see that all section officers are thoroughly conversant with above instructions.

A. Sanderson
Major
O.C. 3rd Aust. Tunn. Coy.

16/7/18.
Forwarded to O.C. Section
E. J. [unclear]
17/7/18

SECRET

32

H.Q.
13th INDUSTRY DIV.
No. Am 276
Date

3rd Australian Tunnel Coy R.E.
Ado. Section 3rd Australian Coy R.E.

In the event, of being ordered
to "man Battle Station" the
action of the Tunnelers in the area
will be as follows.

- (1) The shift working in MYTHE
TUNNEL will assist in the defence
of the tunnel.
- (2) One of the remaining shifts in
2005 will proceed at once to the
tunnel Tunnel to assist in its
defence, and the other will

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APPENDIX

32

67

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(2)

32

APPENDIX

68
32

man "N" Post (G.36. a. 6.4)
 and Coma under the Command
 of the O.C. ^{1st} ~~Support~~ ^{Company} Right
 Battalion whose H.P. are
 in LOOS TRENCH (G.36. d. 70.55.)

527

An amendment to the
 73rd Inf Bde Defence scheme
 will be issued shortly to conform
 these instructions, but the
 above alteration will take
 effect forthwith.

Recd G.36. d. 70.55
 18/8/18
 17/8/18

P.T. Levalle
 Captain
 Bde Major 73 I. B.

56



APPENDIX 33 ⁶⁹

Appendix 33.

SECRET.

B.M. 967

Reference Table of Working parties issued under
this Office No. B.M. 967 of 2nd July.

Part No. 5 will be found by the Support Battalion
Commencing tomorrow, 20th July.

Robinson

Captain.
Brigade Major.
32nd Infantry Brigade.

19th July 1918.

To:- All recipients of B.M. 967.



Appendix 34

3rd Aus Tunn Coy RE Bn 407

Reference conversation between
you & the Intelligence Officer
of this Brigade (Capt E.R. BERRIDGE)
Major Anderson has been
consulted and approval given
authority for this work to
commence at once.

Can you therefore commence
this work as soon as possible
and notify this office if you

require a copying party.

20/7/18

W. Newell
for Bacon Major
73rd I.S.

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Appendix 357
12571

A.G. 59 (O).

1.

I Corps No. A.70/136.

Headquarters,
First Army "A".

With reference to the Daily Casualty List, it is observed that several instances have occurred lately in which Officers have been reported "Prisoner of War" or as "Missing, beleived Prisoner of War".

The following extract of a recent War Office letter is quoted for your information :-

"It is the practice to accept as official only the following reports regarding Officers who are Prisoners of War:-

- (a) Reports received from the enemy through the Geneva Red Cross or neutral embassy.
- (b) Reports in the form of messages dropped into out lines by enemy aeroplanes.
- (c) Reports received from prisoners themselves, (generally in the form of post cards or letters to relatives)"

Will you therefore please report these casualties as "Missing" only; any evidence leading to a beleaf that the Officer is a Prisoner of War should be forwarded separately through the usual channels.

The above in no way affects the insertion of a report stating the number of O.Rs, estimated to be taken prisoners out of every battalion which reports more than 50 O.Rs, reported "Missing". This report will be added whenever necessary.

G.H.Q.
15/7/18.

Sgd/ H.M.Pryce-Jones Lt.Col. AAG.
for Adjutant General.

2.

G.R.E., Corps Troops.

For information.

I Corps H.Q.
19/7/18.

Sgd., R.H.VARWELL;
Major.
D.A.A.G., I Corps.

3.

O.C., No.10 Foreway Coy., R.E.,
290 A.T.Coy., R.E.,
560 A.T.Coy., R.E.,
170 Tumelling Coy., R.E.,
3rd Australian (T) Coy. A.E. ✓

O.R.E.,
I CORPS TROOPS.
No. 914.
Date.....

Forwarded for information and action.

20th July, 1918.

P. Morgan
Capt. & Adjutant,
R.E., I Corps Troops.

File

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Appendix 36
72

No.1.

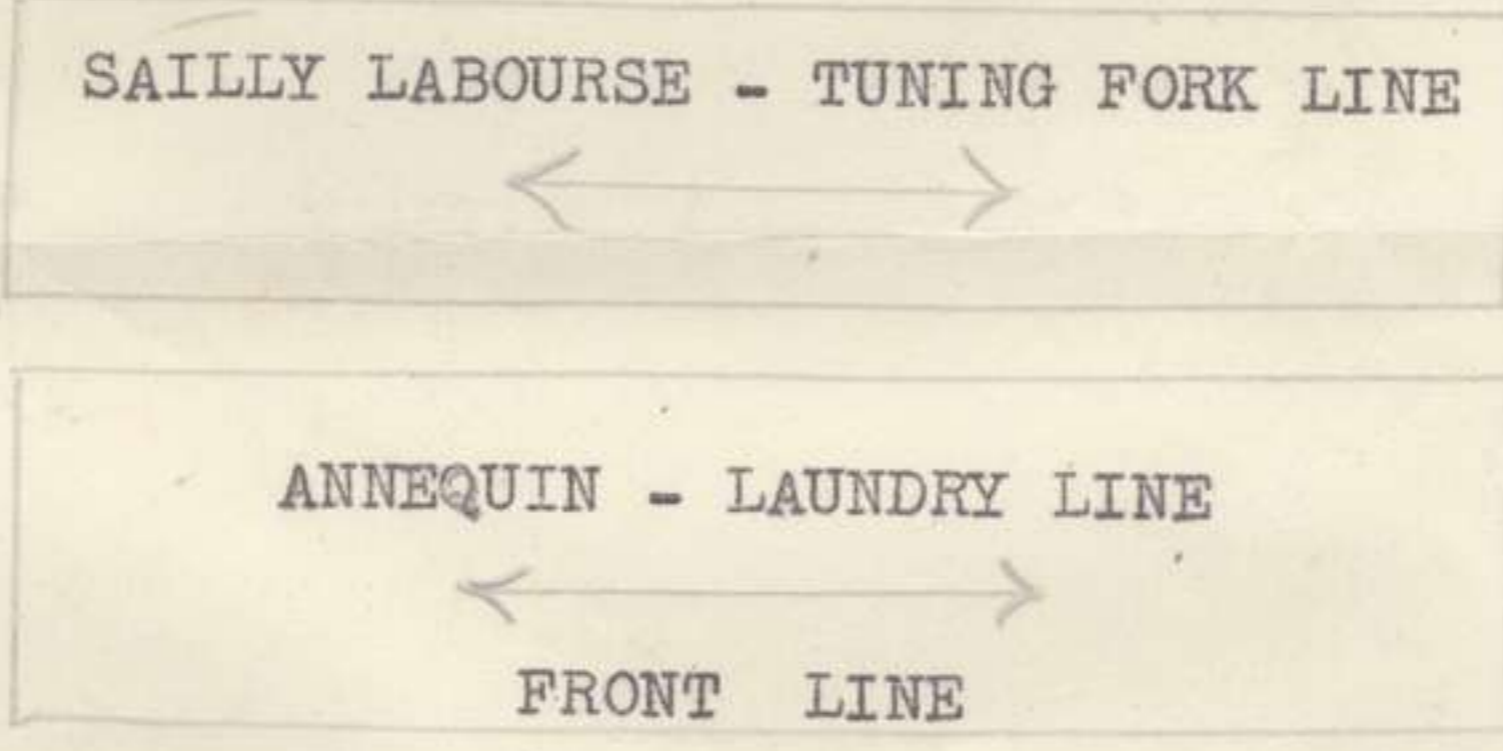
OPERATION ORDERS.

by
Lieut. Colonel, C.MELLOR, R.E., C.R.E., I Corps Troops.
for R.E. Companies forming nucleus garrisons.

1. The functions of the nucleus garrisons are principally:-
 - (i) To collect men who have become separated from their units, and to organize them for the defence of the line.
 - (ii) To provide guides and give information to troops sent up to reinforce the line.
 - (iii) To defend the line.
2. The line will be held in accordance with the principles laid down for Outposts, in Field Service Regulations, Part I., Operations. These should be studied by all Officers, and instructions given to N.C.Os and men.
3. The following additional points are to receive attention from Os.Co., Companies :-
 - (i) The line taken up by each Company will be a Brigade Sector. Sectors will be lettered from the right. The posts in each Sector will be numbered from the right, and notice-boarded thus:-

SECTOR 'B'
Post No.3.

In addition, where not already existing, notice boards giving the name of the line are to be put up in conspicuous positions at all roads running through the line, thus:-



- (ii) Each O.C., Sector will prepare a map 1 of his line, and show on it, all information of use for handing over purposes. ^{5,000}
 - (iii) Range cards will be prepared, and ranging posts fixed.
 - (iv) Sighting vanes will be fixed at each post, showing positions of neighbouring posts and standing patrols.
4. Ammunition. - 120 rounds on the man and 100 rounds in reserve.
 5. Maintenance of Line.- Each O.C., Company will send a patrol, weekly, along his line, to keep trenches and berms clear, and carry out minor repairs. Large repairs required will be reported to C.R.E., Corps Troops.
 6. In the absence of the C.R.E., or if he cannot be communicated with Major R.C.MANNING, D.S.O., M.C., R.E., will take command of R.E., Corps Troops Companies in the line.

S. Morgan
Captain & Adjutant,
R.E., I Corps Troops.

24th July, 1918.

Distribution over :-

72 APPENDIX 36

257

Copies to :-

- O.C., 290 A.T.Coy., R.E.
- 560 A.T.Coy., R.E.
- 170 (T) Coy., R.E.
- 3rd Aust. (T) Coy.
- C.E., I Corps.
- "G", I Corps.

The functions of the nucleus garrisons are principally:-

- (i) To collect men who have become separated from their units and to organize them for the defence of the line.
- (ii) To provide guides and give information to troops sent up to reinforce the line.
- (iii) To defend the line.

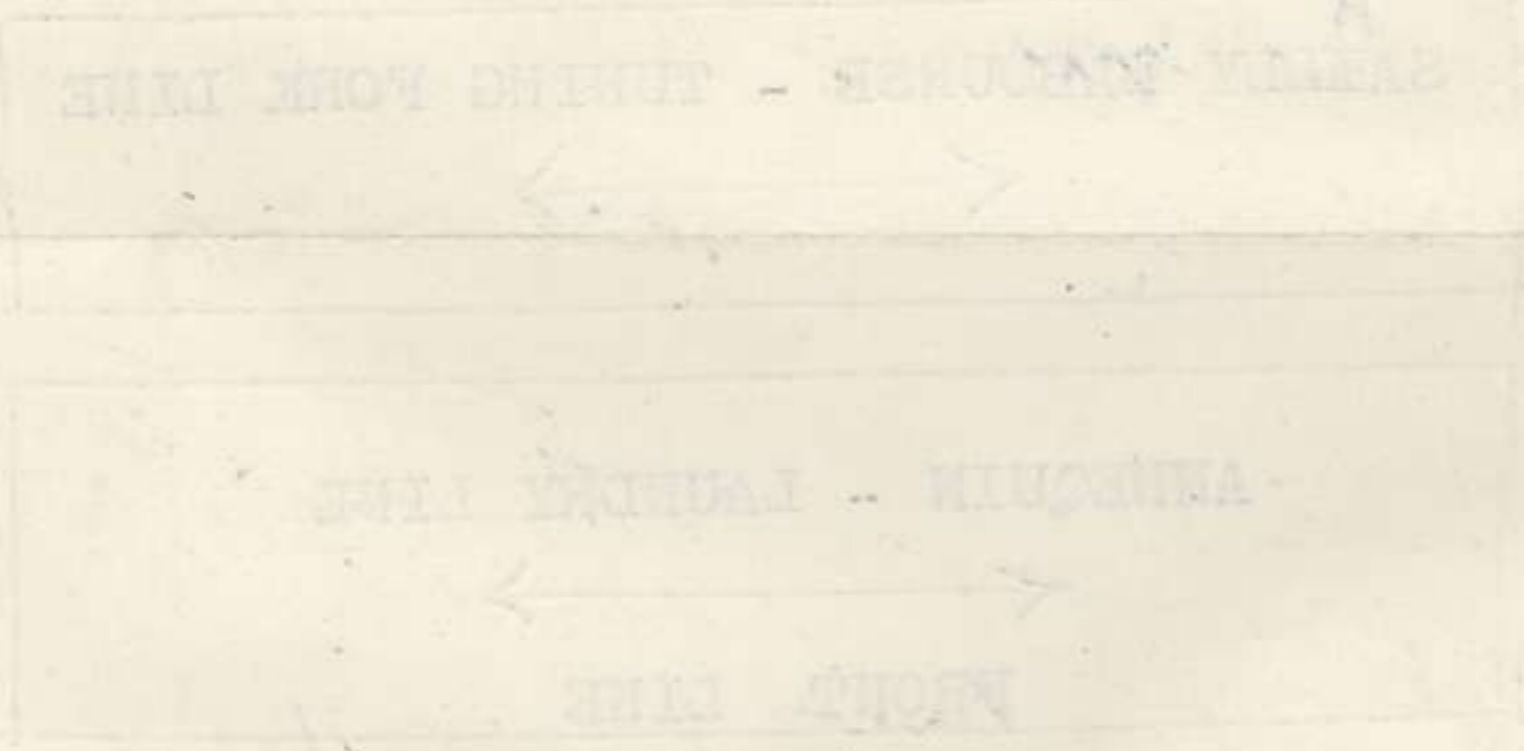
The line will be held in accordance with the principles laid down in the instructions for the operations. These should be studied by all officers, and instructions given to N.C. and men.

The following additional points are to receive attention from O.C. Companies:-

- (i) The line taken up by each Company will be a Brigade Sector. Sectors will be lettered from the right. The posts in each Sector will be numbered from the right, and notice-boarded thus:-

SECTOR 'A'
Post No. 5.

In addition, where not already existing, notice boards giving the name of the line are to be put up in conspicuous positions at all roads running through the line, thus:-



(ii) Each O.C. Sector will prepare a map of his line, and show on it all information of use for handling over purposes. (iii) Large signs will be prepared, and notice boards fixed. (iv) Signaling vans will be fixed at each post, showing positions of neighbouring posts and standing parties.

4. Ammunition. - 120 rounds on the man and 100 rounds in reserve.

5. Maintenance of line. - Each O.C. Company will send a patrol weekly along the line, to keep trenches and berms clean, and carry out minor repairs. Larger repairs required will be reported to C.E. or G.C. Troops.

6. In the absence of the C.E. or if he cannot be communicated with Major R.C. Wainwright, D.S.O., R.E., will take command of R.E. Corps Troops Companies in the line.

Captain & Adjutant,
R.E., I Corps Troops.

25th July, 1918.

Distribution over:-



Appendix 37.

File as

55th Division No. G.S. 1284

55th Bn. M. G. Corps.

Commencing at 10 P.M. tomorrow 27th instant, the following daily working parties will be found by you for work on Machine Gun Emplacements in SIDBURY HILL :-

No. of men.	RENDEZVOUS.	Time.	Reporting to.
6 O.R's.	H.Q. 3rd Australian Tunnelling Coy. PONT FIXE S.	6. a.m.	3rd Australian Tunnelling Coy.
6 O.R's.	-do-	2. P.M.	-do-
10 O.R's.	-do-	10. P.M.	-do-

Acknowledge.

[Handwritten signature]
Lieut-Colonel,
General Staff, 55th Division.

55th Division H.Q.,
26th July 1918.

Copy to :-
3rd Australian Tunnelling Co. R.E. ✓

*Capt Langdon
please note &
return copy*

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APPENDIX

74.
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Suppl. Maildon

22nd Labour Group

Appendix 38
428 75

NOMINAL ROLL OF LABOUR DETACHMENTS
RE-POSTED 26-7-18 FOR WORK AT THE TUNNEL.

No.	Name.	Duty	Hosp.	Leave.	No.	Name.	Duty	Hosp.	Leave.
<u>50th Lab. Coy.</u>									
476833	Sgt CODE J.	1			422273	Pte CLIFF W.	1		
473927	Pte WILSON J R		1		342776	" STEPHENS F.			1
422249	" ANDREWS A	1	X		182385	" WILLIAMS J	1		
235289	" EDMANS	1	X		116043	" STOKES W	1		
235257	" JAMES J.	1			432245	" JOSHES W.	1		
441951	" HOGG G		1		422268	" HEMMINGS T	1		
29427	" TAYLOR G	1			29646	" HEATH G	1		
29496	" BARK H		1		29868	" WILLIA M	1		
75189	" GRAVELL H		1						
		5	4				7	1	
Total 12 Duty, 5 Hos.									
<u>39th Lab Coy.</u>									
22988XXXXXX							Fwd	6	2
472625	Pte McDONALD D	1			22987	Sgt MURDON W F	1		
22941	" FROST J.W.	1			22824	Pte BAKER E	1		
220139	" SMITH G.	1			22826	" BROWN C W	1		
25249	" WICKISON R	1			22945	" FLEETWOOD G	1		
23000	" HARRIS T H	1			22975	" HIGGINBOTHAM G	1		
23195	" SMITHARD J W1				582814	" COBBETT C	1		
23202	" STEVENTON T H		1		23216	" SUMMERS J	1		
582809	" BERRY J R		1		582805	" McLAUGHLAN J	1		
					23187	" SANDERS J W	1		
	Fwd	5	2				Total	15	2
<u>80th Lab Coy.</u>									
424385	Pte HUSSEY F	1					Fwd	9	
47499	" DAVIES N	1			47599	Pte JONES J R			1
47515	" KENNIS J	1			47598	" JONES R			1
47524	" TEARNHEAD J	1			47612	2 WILROY J			1
47522	" FERGUSON T	1			47685	" LEES J W			1
47564	" HARDY H	1			125084	" LIDDELL H			1
47559	" HAZWILDEN A	1			47687	" LEWIS A P			1
47617	" LEE G H	1			47702	" MANUEL S			1
47602	" JONES E	1			47493	" DAVIES W			1
	Fwd	9					Total	17	
<u>2nd Lab. Coy.</u>									
997	Sgt WINTERBONE C E	1					Fwd	7	2
	L/C FLETCHER	1			421790	Pte MARSHALL M C	1		
42184	Pte REEVE M.		1		446754	" TURNER W	X		1
512444	" DUNAVIN T	1			513617	" JACKSON J	1		
421777	" TRAFFORD W	1			512474	" REID J	1		
512490	" NICHOLLS W		1		421814	" WHITE S F	1		
471780	" ISARD E	1			512455	" CORODER Z	1		
446462	" STOKERS	1			512649	" GRIFFITHS J	1		
512465	" FREEMAN J	1			512464	" McCORMACK J	1		
	Fwd.	7	2				Total	14	3
<u>718th Lab. Coy.</u>									
217414	Cpl BROWN E		1				Fwd	7	1
12034	Pte ALLEN S	1			413717	Pte LEE R.	1		
12052	" BOOR F	1			426863	" PITT W E	1		
387016	" CHAPMAN J	1			235155	" PLATT L J	1		
93694	" COX A E	1			30515	" SCHOFIELD ES	1		
10299	" DEWBURY E	1			1451	" THOMPSON J	1		
426873	" HARBELL J	1			73668	" WELLBELOVE HS	1		
300882	" KEATING A	1					Total.	13	1
	Fwd	7	1						

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APPENDIX 28 ⁷⁶

22nd GROUP, Continued.

APPENDIX 38

No.	Name	Duty	Hos.	Leave.	No.	Name	Duty	Hos.	Leave.
<u>195th Lab Coy.</u>									
116447	Cpl HASLEM J	1			116586	Pte THOMPSON W	Fwd	7	1
116755	Pte BRIGGS J W	1			116585	" TOWNSEND H		1	
116430	" KANE J	1			116584	" THOMAS A		1	
116431	" LAIT B	1			116604	" WOODWOOD J		1	
116767	" LEECH W	1			116593	" WALKER W		1	
116564	" PALMER W	1			116612	" WILDGUST D		1	
116561	" PEGG A		1		116439	2 WILLIAMSON S		1	
116575	" STEPHENS H	1			116599	" WADDINGTON T		1	
					116781	L/C RAMSDEN L C		1	
		Fwd	7	1			Total	16	1

23rd GROUP.

No	Name	Duty	Hos.	Leave.	No	Name	Duty	Hos.	Leave.
<u>54th Lab Coy.</u>									
31819	Sgt WATERS C	1			32246	Pte TURNBULL J	Fwd	10	1
415003	Cpl ADAMS J H	1			32238	" SMITH W			1
419740	L/C NAYLOR E	1			31848	" ADAMS J		1	
32021	Pte LEWIS A E		1		319617	" WELLER W J A		1	
32058	" McEWEN E	1			31854	" BARRETT A J		1	
32009	" KINGHORN W	1			32003	" JACKLIN F		1	
419148	" NICHOLSON A	1			31989	" GIBBS J			1
515665	" HOLLERINGSRAW 1				349843	" STOTT A H		1	
32063	" WORTLEY L(W		1		419779	" STYAN G H		1	
419758	" LOCKWOOD D	1			32225	" RAWSON B		1	
32209	" JOYCE R	1			201626	" ROBINSON T		1	
419767	" TONKINSON J		1		32045	" MARTIN J			1
259211	" SKINNER F C	1			419747	" CLEGG J			1
		Fwd	10	1	2			18	2
									6

152nd Lab Coy.

90605	Cpl BUDD	1			90810	Pte HODDER F	Fwd	12	1
90430	L/C DOWDING A	1			90826	" HOPKINS H			1
90659	Pte BALL V R	1			263589	" MOLLEY T		1	
90663	" BEER R	1			90963	" ROBERTSON G		1	
90739	" DAWSON W	1			91005	" SYMES W T		1	
90734	" DUFFIN A	1			91007	" SHEFFORD A		1	
90632	Cpl FRAY R F	1			91080	" WELLER A		1	
90740	Pte DOOLAN W P	1			91008	" SCARLETT G		1	
90877	" KITCHENER S W	1			90742	" DAVE H F		1	
90925	" OWEN C E	1			90850	" HORRALL D		1	
366465	" BURNS T		1		91040	" THORNE A		1	
90777	" FISHLEIGH	1			90893	" MARTIN O		1	
90829	" HAINES H W	1			91089	" MALE C		1	
		Fwd	12	1			Total	24	2

SUMMARY

	Duty.	Evac.	Hosp.	Leave.	Total
22nd LABOUR GROUP.	87	12	-	-	99
23rd LABOUR GROUP.	42	4	6	-	52
	129	16	6	-	151

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Appendix 39.

First Army No. 2113(G).

I Corps.
VIII Corps.
Canadian Corps.

With reference to First Army wires No. G.M. 497 and 495 of the 20th July, the Army Commander at his visit to the Army Musketry Camp to-day decided that the courses for R.A. and R.E. Officers should be for 10 working days instead of for 10 days. Those attending the present course will, therefore, disperse on the 5th August, 1918.

First Army,
24th July, 1918.

Sd/ H.M.M. Crichton,
Lieut:Col.,
for Major General,
General Staff, First Army.

- 2 -

O.C., 170th Tun. Coy., R.E.
O.C., 185th Tun. Coy., R.E.
O.C., 3rd Aust. Tunng. Coy. ✓
O.C., 1st Pontoon Park R.E.

C.M. 2573.
First Army.

For your information.

Army, H.Q.,
27/7/18.

H. Hill
Lieut:Colonel, R.E.,
Controller of Mines,
First Army.

*File
a.s.*

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copy of the
original

44444444

only by the representatives

Appendix 20

56



230

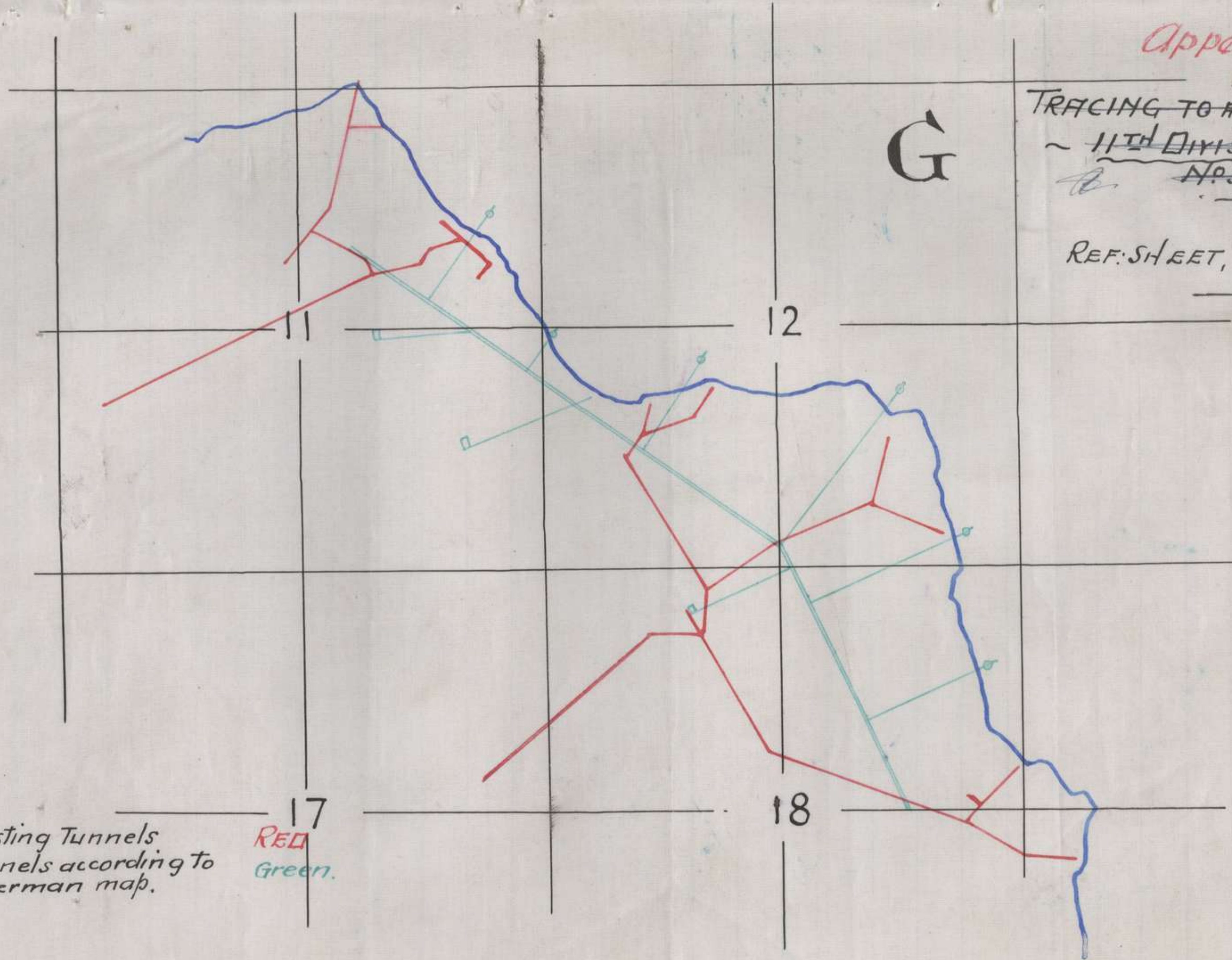
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Appendix 40
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TRACING TO ACCOMPANY
11th DIVISION
N.P.3/W.B.2

REF. SHEET, LOOS 44th NW.
3.

G



Existing Tunnels
Tunnels according to
German map.

RED
Green.

APPENDIX 40

78.



APPENDIX

67
H

Appendix 41.

Copy.

O.C.,
3rd Australian Tunnelling Company/

C.D.8 Map Ref.44A.N.W.3.H.32.c.5.5.

Reference attached, I have been instructed by O.C. 22 Labour Group to render direct to his office each week a return showing average daily production by the whole of his Detachment; and I understand that he is taking steps to supply each Company with the necessary information.

2. The men are working in 8 hour reliefs carrying "spoil" for the tunnellers. It is estimated that the whole party of 150 (less two men to Hospital) carry 60 tons of chalk in bags up 1 in 1 incline 60 feet and dump 150 yards away. They also carry and truck same 500 feet in tunnel. The figures required are then as follow:-

39 Labour Coy.	$\frac{60 \text{ tons } x}{148}$	(No. of men 39th Coy = X
195 Labour Coy.	$\frac{60 \text{ tons } x}{148}$	(No. of men 195th Coy = X
718 Labour Coy.	$\frac{60 \text{ tons } x}{148}$	(No. of men 718th Coy = X

X = Tonnage per day shifted from faces by each unit to dump on surface.

(Sgd) O.Gruzelier, 2/Lt.,
O.C., Composite Detachment.

28/7/18.

TABLE OF WORKING PARTIES. 27/1/18.

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Found by.	Strength of Party.	Nature of work.	Rendezvous.	Time.	Guide found by	Remarks.
1. Left Battn.	1 Off. 28 O.Rs.	Carrying Stokes Ammunition.	EXETER CASTLE G.II.C.S.G.	10-30 pm.	Srd. LEMB.	O.C.L.T.M.S. notifies Left Battalion if full party is not required.
2. Left Battn.	3 HQs, 36 O.Rs.	Spoil Party.	Junc. HULLUGH RD. & LINDEN TRENCH.	9-15 pm.	67 Fd. Coy.	For new dugout in LINDEN Trench 2.17.a.93.63.
3. Left Battn.	1 HQ. 8 men.	Carrying Material.	Meet train at G.II.C. 11.17. 00.55.	11-30 pm.	Guide with truck. 67 Fd. Coy.	Pushing material to EXETER HMP and carrying thence to new dugout in O.S.I.
4. Left Battn.	Reliefs of 2 O.Rs. 2 O.Rs. 2 O.Rs. 2 O.Rs.	Spoil Party.	New dugout at G.II.C.S.G.	8 am. 2 pm.) 2 pm. 8 pm.) 8 pm. 2 am.) 2 am. 8 am.)	67 Field Coy. R.B.	
5. Right Battn.	1 H.C.O. 25 O.Rs.	ST GEORGES TRENCH.	Junc. of ST. GEORGES TR. & DEVON LAKE.	10-0 pm.	67 Fd. Coy.	20 Shovels. } required. 5 Picks. }
6. Right Battn.	1 HQ. 12 men. 1 HQ. 12 men. 1 HQ. 12 men.	Carrying material Spoil Parties.	Srd Aus. Tm. Coy. LE RUTOIRE FARM.	8-0 pm. 10-0 pm. 6-0 am.		New Tunnel at LE RUTOIRE FARM and Pill boxes.
7. Suppt. Battn.	30 O.Rs.	Spoil Party.	The Pimp, Le RUTOIRE FARM.	10-0 pm.	80 Fd. Coy.	For dugout 2.16.a.9.1.
8. Suppt. Battn.	Reliefs of 30. 30. 30.	Spoil Party.	Aus. Tm. Coy. Adv. HQ. CLAVIS HEMP VERVILLE. O.S.b.3.1.	6-3 am. 8-0 pm. 10-0 pm.	3/Austr. Tunnelling Company.	
9. Suppt. Battn.	1 HQ. 8 men.	Transshipping Party.	MANION HOUSE.	9-30 pm.	Report R.T.O.	Transshipping rations from 10 ton to one ton trucks.
10. Suppt. Battn.	3 men.	Loading Party.	CLAVIS HEMP?	6-0 pm.	67 Fd. Coy.	

Appendix 41 80

July 31st 1918

- 17th Inf. Bde.
- 72nd Inf. Bde.
- 73rd Inf. Bde.

1. Spoil carrying parties as under will be found by 17th and 72nd Inf. Bdes., for work at HYPHE TUNNEL under 3rd Australian Tunnelling Coy:-

17th Inf. Bde.	40 O.R.	at	6 a.m. and 10 p.m.
72nd Inf. Bde.	40 O.R.	at	2 p.m.,

daily until further orders.

2. The first shift provided by 17th Inf. Bde., will report to an officer 3rd Australian Tunnelling Coy. at HYPHE TUNNEL, 6 a.m. 1st August.

3. The point of rendezvous will be notified to 17th and 72nd Inf. Bdes., by 73rd Inf. Bde.

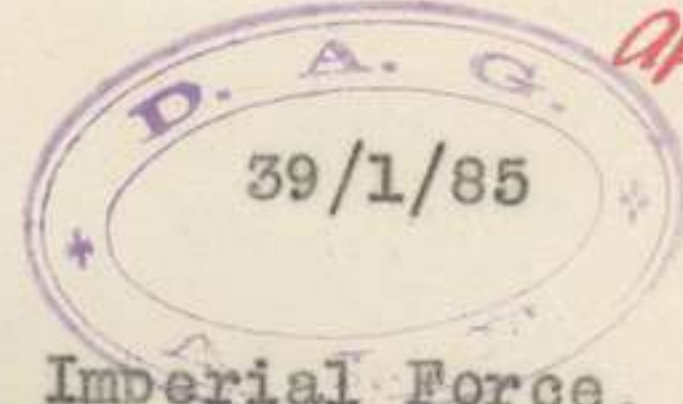
4. These parties are not to be found by Balus in
Pongada Bureau

H.Q. 24th Division. Copy to AT. Coy. CRE for
31st July. 1918

Broadmanway
Lieut-Colonel,
General Staff.



AUSTRALIAN IMPERIAL FORCE.



Appendix 4

Headquarters,
Australian Imperial Force,
Care H.Q., Fifth Army,
30th July 1918.

Australian Section,
3rd Echelon.

Copy to: O.C., 3rd Aust. Tunnelling Coy. ✓
H.Q., 3rd Aust. Division.

On the recommendation on the Senior Chaplain, C. of E.,
A.I.F., approval has been given for Chaplain the Rev.
W.E.K.BURKITT to be posted from 3rd Tunnelling Coy. to
9th Aust. Infantry Brigade, vice Chaplain the Rev. K.D.
NORMAN, evacuated. Will you please issue instructions
for Chaplain BURKITT'S move accordingly.

W. Calverley
Brigadier-General,
D.A.G., A.I.F.

File

Appendix 44.

318 83

Confidential.

Labour Commandant,
1 Corps/

356

125

318 83

AUSTRALIAN
TUNNELLING COY

No. 2660.

Date. 31/7/18.

I desire to bring to your notice the excellent service rendered by 2nd.Lieut.A.HAMILTON of the 93rd Labour Company recently attached for duty to this unit. His services were most helpful. He is a good disciplinarian, energetic and keen. The result was that his men behaved and worked exceedingly well.

Alex Anderson
Major,

31/7/18.

G.O., 3rd Australian Tunnelling Company.

Copy for War Diary

3.

4



File at.

Appendix 45.

17th Inf: Bde. No. G.12.

1st Royal Fusiliers.
3rd Rifle Brigade.

8th Queens.
3rd Australian Tunnlg Coy. } For information.
73rd Inf: Bde. }

1. Spoil carrying parties will be found from units as under, for work at HYTHE TUNNEL under 3rd Australian Tunnelling Coy:-

Left Battn.....40 O.R. at 6.00 am.
Right "40 O.R. at 10.00 pm.

daily until further orders.

2. The first shift (3rd Rifle Brigade) will report to an officer 3rd Australian Tunnelling Coy at HYTHE TUNNEL 6 am. 1st AUGUST.

The point of rendezvous will be notified later.

On relief nights the 10 pm. shift will be provided by the relieving battalion and party should be accordingly sent on in advance.

W. MacKinnon Major,

Brigade Major, 17th Inf: Bde.

'7/18.

Appendix 46.
From O/C 23rd Labour Comp^y
To 3rd Australian Sum^o Coy^s 56
31.7.18

I beg to report the return to
my HQ of 1 officer & 220 other
ranks & I wish to thank
you for the way in which
you have looked after them
during the time they have
been with you.

I regret leaving the
area & severing the connection
between our respective units
which has run so satisfactorily
& in such a pleasant way.

Harold Gastrell

Captain 136

O.C. 23rd Labour Company.

File

Appendix 47

O.C. 3rd Australian Tunnelling Co.

C.D. 11.

Enclosed please find copies of movement order for two Cpls NCO's as requested.

With regard to relief of these men I would suggest that they each do 6 days here + 6 days at your H-2 so that Cpl Gray will come out here on Monday morning the 5th inst + Cpl Ramsden will leave here the same day for your H-2.

Cpl Ramsden reported here last night at 10-30 p.m.

With reference to my C.D. 7 28-7-18 90829 Sgt HAINES HW of 152 Labour Company has returned here for duty were not referring to him.

31-7-18.

R. G. G. Bowman
2 Lt.

for O/C Labour Detachment
Roose

Added to
Cpl. ...
personnel
3/18



APPENDIX
47

86.

Copy of Movement Order

47

Movement order for No 116781.
S/Cpl RAMSDEN of 195 Labour Co.

You will ~~not~~ proceed today & report
to RTO. MONT. STELDI by 7 AM.
29-7-18 for direction (to report
to OC Detachment (195 Labour Co)
working at HY THE TUNNEL.

(No 3 Australian Tunneling Coy)
Location Map H4 a G 36 d 4-6.

Immediately on your arrival at your
destination you will report to
OC Detachment 195 Labour Co as
CAS NCO.

A. J. Beard Capt
29-7-18 OC. 195 Labour Coy.

S/Cpl Ramsden was billeted
in HOUDAIN the night of the
29/30/7/18.

J. Boquet Sgt
for Town Major
TM 12
30-7-18.

Copy of Movement Order

47

1. OC Detachment Hythe Tunnel

356

No 90632 Cpl Gray R.F.
is reporting to you as Senior
Instructor

G. W. Francis Capt
OC 152 Labour Coy

152 Labour
Co.
No T 28.
Date 30-7-18.

APPENDIX

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PRELIMINARY NOTICE

1. It is proposed to hold an Army Rifle Meeting at the First Army Musketry Camp at MATRINGHAM.
2. The programme will consist chiefly of team events, including: "Falling Plates" - "Running Man," - "Anti-Gas," - "Skirmishing," - "Fire Control," - and "Rapid Fire."

There will also be Pool Competitions for Rifle and Revolver.

The detailed programme will not be issued until the meeting opens as it is not the intention that teams should be selected and practised in any particular competition beforehand, but that the best all-round team of the Unit should be chosen to represent it at the meeting. It is hoped, therefore, that every endeavour will be made to arrange for eliminating competitions before the meeting takes place.

3. The meeting will consist of two series, Series "A" and "B"

(a) In Series "A" which takes place on the 8th, 9th, and 10th August the following will take part:-

Teams from Infantry,
Pioneer,
Machine Gun,
and
Cyclist Battalions.

(b) In Series "B" which takes place on the 13th, 14th, and 15th August the following will take part:-

Teams from Royal Artillery,
Royal Engineers,
Army Service Corps,
and
Labour Groups.

4. Teams will consist of one Officer, one N.C.O., and 8 Other Ranks. Other Ranks may include Lance-Corporals.

The Officer will not shoot in team events.

5. The following teams will represent units in Series "A" and "B":-

<u>Series "A":</u>			
From each	Infantry Battalion	--	One team
" "	Pioneer "	--	" "
" "	Machine Gun "	--	" "
" "	Cyclist "	--	" "
<u>Series "B":</u>			
From each	Divisional Artillery		
	(one from each F.A. Bde. and one from D.A.C.)	--	Three teams
From each	Army Brigade, R.F.A.	--	One team
" "	R.G.A. "	--	" "
" "	Field Coy. R.E.	--	" "
" "	Tunnelling Coy. R.E.		
	(one from R.E. and one from attached Infantry)	--	Two teams
" "	Special Coy. R.E.	--	One team
" "	Divisional Train:	--	One team
" "	Labour Group	--	One team
" "	A.S.C. with each Corps	--	One team
" "	R.E. troops with each Corps	--	One team

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APPENDIX 48

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6. The team will all belong to the same sub-division of the Company or corresponding formation, i.e. belong to the same platoon in Infantry or other formations which are divided into platoons, or to the same battery in Artillery, or to the same section in the case of Machine Gun Battalions, Field Companies, Tunnelling Companies or formations divided into sections, to the same A.S.C. Company, to the same section of a Divisional Ammunition Column, or to the same platoon of a Labour Company.

7. The teams will bring a certificate signed by the C.O. of their unit that they have all belonged to the same platoon, section, battery, or A.S.C. Company, etc., since the 9th July, 1918.

G.A. Richardson
Major
for Brigadier General,
General Staff, I Corps.

21st July, 1918.

- Copies to:-
- | | |
|----------------|------------------|
| 1st Division. | R.A. |
| 11th Division. | A.D.C. to G.O.C. |
| 55th Division. | A.D.O.S. |
| H.A., I Corps. | C.I.G.O. |
| | Camp Commdt. |
- Labour Commandant, I Corps.
 - No. 3 (R.H.G.) Bn. Guards M.G. Regt.
 - No. 25 Bn. M.G. Corps.
 - 1st Cyclist Battn.
 - 84th Army Bde. R.F.A.
 - 147th " " "
 - 158th " " "
 - 170th Tunn. Coy. R.E.
 - 3rd Aus. Tunn. Coy.
 - "C" Special Coy. R.E.
 - I Corps Troops M.F. Column.
 - S.E.F.O., I Corps.
 - "A" Corps M.F. Column.
 - A.D. Signals.
 - 290th A.F. Coy. R.E.
 - 560th (Hants) A.F. Coy. R.E.
 - C.E.
 - C.R.E. I Corps Troops.
 - " "

1918

I Corps No.118 (G.b.).FIRST ARMY RIFLE MEETING.

1. The Army Rifle Meeting, of which a preliminary notice was forwarded to all concerned on 21st July, will take place on the dates as therein stated.
2. Arrangements for the accommodation of those competing and for the provision of targets, ammunition, etc., will be made by the Staff of the Army Musketry Camp.
3. Teams will arrive at the Musketry Camp, those for Series 'A' on the 7th August, and leave on the 11th, those for Series 'B' on the 12th and leave on the 16th August, 1918.
4. Names of units wishing to enter a team will be sent to Corps H.Q., by Divisions, H.A., I Corps, C.R.E., Corps Troops, S.M.T.O., Labour Commandant, 1st Cyclist Battalion, 'C' Special Coy. R.E., and No.3 (R.H.G.) Bn., Guards M.G. Regt., by 2nd August.
5. The Officers and N.C.O.'s. will not shoot in team events except the "Falling Plates" event.
6. A Cup will be given to the 1st and 2nd Teams in each Team Event, and medals to the members of the 1st, 2nd, 3rd and 4th Teams.
A prize will also be given to the winning Team in the aggregate in each Series.
7. The Committee for the Army Rifle Meeting is composed as follows:-

PRESIDENT.

Brig-Genl: G.V.HORDERN, C.B., C.M.G.

MEMBERS.

I Corps	Major G.A.RICHARDSON, M.C., D.L.I.
VIII Corps	Major L.CARR, D.S.O., Gordon Hrs.
XVII Corps	Major G.F.H.DICKSON, R.Welsh Fus.
Canadian Corps	Lt-Col: R.P.CLARK, D.S.O., M.C.
R.E.	Lt-Col: O.G.DIGBY-JONES, M.C.
R.A.	Major Lord D.M.GRAHAM, D.S.O., M.C.
First Army	Lt-Col: H.M.M.CRUGHTON, D.S.O.
First Army Musketry Camp	Lt-Col: J.W.SPRINGHALL, D.C.M.

G.A. Richardson
major
for Brigadier General,
General Staff, I Corps.

27th July, 1918.

Distribution as before.

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48.91

RESULT OF FIRST ARMY RIFLE MEETING - AUGUST, 1918.

SERIES 'A'.

1st Event - Rapid Fire.

		<u>Points.</u>	
1st.	3rd Bn. Rifle Brigade (24th Division).	199	Cup and Silver medals presented by ROUGES et NOIRES.
2nd.	1st Cyclist Battalion.	192	- do -
3rd	No. 11 Bn. M.G. Corps. (11th Division).	192	Bronze medals.
4th	1st Bn. Gloucester Regt. (1st Division).	167	- do -

2nd Event - Falling Plates.

1st	2nd Bn. W. Yorks. Regt. (8th Division.).		Cup and Silver medals.
2nd	2nd Bn. Yorks. Regt. (11th Division).		- do -
3rd	9th W. Yorks. Regt. (11th Division).		Bronze medals.
4th	1st Bn. Cameron Hrs. (1st Division).		- do -

3rd Event - Anti-Gas.

		<u>Points.</u>	
1st	8th Bn. R.W. Surrey Regt. (24th Division).	131	Cup and Silver medals.
2nd	2nd Bn. Rifle Brigade. (8th Division).	130	- do -
3rd	1st Cyclist Battalion.	128	Bronze medals.
4th	3rd Bn. Rifle Brigade. (24th Division).	123	- do -

4th Event - Extended Order.

1st	1st Life Guards M.G. Bn.	78	Cup and Silver medals.
2nd	1st Cyclist Battalion.	76	- do -
3rd	2nd Bn. K.R.R.C. (1st Div).	66	Bronze medals.
4th	1st Bn. Northants Regt. (1st Division).	58	- do -

5th Event - Running Man.

1st	1/4th Bn. S. Lancs. Regt. (58th Division).	157	Cup and Silver medals.
2nd	No. 3 (R.H.G.) M.G. Bn.	113	- do -

P.T.O.

		<u>Points.</u>	
3rd.	2nd Bn. Rifle Brigade. (8th Division).	112	Bronze medals.

4th	1st Cyclist Battalion.	104	- do -
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No. 6 Event - Fire orders and Fire Control.

1st	1st Bn. Cameron Hrs. (1st Division).	50	Cup & Silver medals.
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2nd	1st Cyclist Battalion.	48	- do -
-----	------------------------	----	--------

3rd	3rd Bn. Rifle Brigade. (24th Division).	38	Bronze medals.
-----	--	----	----------------

4th	1st Royal Fusiliers. (24th Division).	26	- do -
-----	--	----	--------

RESULT OF GRAND AGGREGATE.

SERIES 'A'.

<u>Order of Merit.</u>	<u>Team.</u>	<u>Total points.</u>	
1.	1st Cyclist Battalion.	43	14 Caps.
2.	3rd Bn. Rifle Brigade.	60	
3.	2nd Bn. Yorks Regt.	86	14 Caps.
4.	2nd Bn. K.R.R.C.	91	1 Cap.
4.	No. 3 (R.H.G.) M.G. Bn.	91	
6.	2nd Bn. Rifle Brigade.	96	
7.	1st Bn. Royal Fusiliers.	109	
8.	1st Bn. Gloucester Regt.	120	/
9.	8th Cyclist Battalion.	121	
10.	1st Life Guards M.G. Bn.	123	
11.	2nd Bn. W. Yorks Regt.	134	
12.	10th Bn. Kings Liverpool Regt.	142	
13.	6th Bn. Lincoln Regt.	147	
14.	No. 11 Bn. M.G.C.	149	/
15.	6th Bn. E. Yorks Regt.	153	
15.	1st Bn. Cameron Highlanders.	153	
17.	No. 55 Bn. M.G. Corps.	154	/
18.	No. 8 Bn. M.G. Corps.	161	
19.	9th Bn. W. Yorks. Regt.	165	/
20.	1st Bn. Sherwood Foresters.	170	

I Corps H.Q.
10th August, 1918.

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File

93
[Handwritten mark]

First Army No. 2106 (G).

- I Corps.
- VIII Corps.
- XVII Corps.
- XXII Corps.

The following Notes are issued as a result of observation of the shooting at the First Army Rifle Meeting:-

SERIES "A".

The Competitions showed good all-round improvement in the use of the rifle.

Rapid Fire at 300 yards. In this competition, assuming that all the 8 men fired 15 rounds in one minute at a 2nd Class Figure Target at 300 yards, an average total of 120 rounds fired is obtained.

The highest points made were 199 for first place, and 202 in a re-fired tie for second place. The average of the whole was 96.50. The general average is not, therefore, up to an average of "outers" (counting 1 point each), and points to the need of greater accuracy in Rapid Fire. Accuracy should come before rate.

Fire Orders and Fire Control Competition. This competition revealed the great need there is for training of N.C.O.'s in handling Fire Units, and in using common sense in the application of fire on suitable targets.

No range is required for exercises of this nature. If men are used as targets in various places in a field, either singly or in groups, and appear or disappear by flag signal, much can be accomplished.

The fire orders were often too "sticky", due to a desire to get them off in the right sequence.

Quick recognition, instant decision and alert commands are the points to be aimed at.

SERIES "B".

In these Competitions, many points were noted which, though due in the main to want of practice, show the necessity for more careful instruction.

Errors noted were as follows:-

- Forefinger round trigger in loading position.
- Snatching at trigger.
- Letting off the rifle in coming up to the aim.
- Not using second pressure of trigger.
- Rough treatment of rifle.
- Carrying bundles on rifle.
- One man was seen to prop himself up, leaning with butt of rifle under his arm, muzzle on the ground.

Range discipline requires attention. One man was seen to rise from Prone to Kneeling Position, point his rifle down the firing point, and proceed to unload it.

P.T.O. Rapid/

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INSPECTOR OF MINES CIRCULAR.
"C" MINING NOTES.

49
95
C
136

- Reinforced Concrete Bascule Door -
for Subway Entrances.

The 3rd Australian Tunnelling Company have put in a number of doors of the type shown in Figure 1, at the foot of entrance inclines of Subways.

The door is arranged to turn on a pivot "A" of 2" steel rod, and is held in position horizontally until required, by two 1" pins "B" passing through the frame "C".

The door turns into the vertical position on withdrawal of the pins.

There is a deep bomb pit under the forward end.

The reinforcement of the door should consist of a network of $\frac{1}{2}$ " steel rods held together by strip iron, and surrounded with X.P.M. - Figure 2. The X.P.M. can be cut to give room for the loophole and pivot.

G. H. Q.
4.7.18.

Note



The Secretary,
Wounded & Missing Enquiry Bureau,
Australian Red Cross Society,
36 Grosvenor Place,
LONDON S.W.1.

50

3RD
AUSTRALIAN
TUNNELLING COY.

No. 2620
Date 24-7-18.

Dear Miss Deakin, Reference your letter of 18-7-18, re Lieutenant
Neil CAMPBELL.

I have interrogated Sergeant S. Barsby in regard to the unofficial
report which you received, and find that it is quite wrong. The last
time Sergt. Barsby saw Lieut. Campbell he was alive.

I regret that further enquiries have not resulted in any additional
information being obtained regarding Lieut. Campbell.

Yours faithfully,

Major.

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APPENDIX

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ALL COMMUNICATIONS
TO BE ADDRESSED TO
"THE SECRETARY,"
WOUNDED AND MISSING
— ENQUIRY BUREAU —
AUSTRALIAN RED CROSS SOCIETY.



AUSTRALIAN RED CROSS SOCIETY.

Tel.: VICTORIA { 8576
8577
8578

36, GROSVENOR PLACE
(NEAR VICTORIA STATION),
LONDON, S.W. 1.

Major A. Sanderson, M.C.,
C.O., 3rd Tunnelling Company,
Australian Imperial Force,
B. E. F.

July 18th, 1918.

Dear Sir,

We are making enquiries on behalf of his relatives about
Lieut. NEIL CAMPBELL of your unit,
who is reported Missing 11-4-18.

Mr. J.F. Downer has sent us copies of letters received from
yourself and from other officers of the unit, and we are
venturing to ask you to investigate an unofficial report which
we have received - to the effect that "Sgt. S. Barsbury at
present with the unit saw both Mr Campbell and 1057 E. Kelly after
they were killed."

As you have already made such full enquiries we believe
there can be little truth in ^{our informant's statement unless} Sgt. Barsbury was absent when
you previously investigated the case.

We would be much obliged if you would question him
and let us know the result. We would then communicate with
Mr. Downer.

With apologies for troubling you and thanking you in
anticipation.

Yours faithfully,

(MISS) V. Deakin

SECRETARY.

per Mrs. S.