

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

Engineers

Item number: 14/16/28

Title: 4th Australian Pioneer Battalion

June 1918



AWM4-14/16/28

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Australian Imperial Force.

WAR DIARY

OF

4th Australian Pioneer Battalion

FOR

June. 1918

4TH AUSTRALIAN
PIONEER BATT^N
No.....
Date.....

Signature of Officer compiling

Belcher, Lieut.

Signature of Officer Commanding

H. [unclear]

WAR DIARY

Army Form C. 2118.

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

~~INTELLIGENCE SUMMARY.~~

(Erase heading not required.)

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BUSSY Ref. sheet 62.D.	1st		Battalion, less transport, moved at 6./30.a.m. to embarkment at O.13.a.2.8 and at 9.30.p.m. moved up into reserve in Corbie.- SAILLY-le-SEC area relieving 30th Inf. Battalion.	APPX. 5.
CORBIE Ref. sheet 62.D.	2nd		Move completed and Battalion in position by 1.a.m. Coys employed on works as shown in Appendix. 15A.14 Two Coys. working under 13th Bde. Two Coys. under C.R.E. 6 officers, 120 O/Rs, proceeded to H.22.c.2.2. to form Battalion Nucleus Reserve.	APPX 15A 14
	3rd		Coys. on works as on 2nd.	APPX 15A.
	4th		Coys. on works as on 2nd.	APPX. 15A.
	5th to 8th		Coys. on works as on 2nd. See Appendix. 15.	APPX. 15.
	9th		'C' Coy moved to J.31.a. and took over positions from 51st Battalion. Extract from R.R.&A.I.F. Order dated 4.6.1918. <u>AWARDS:-</u> Captain W. J. EARLE Military Cross. Lieut. G. B. CARTER ... Military Cross. <u>MENTIONED IN DESPATCHES.</u> Captain G. G. MANNING. Lieut. W. M. REID. (M.C). Major. R. W. TOVELL. No. 2260. Driver J. H. WATTS. " 915. " W. J. LEE.	
	9th to 11th.		Battalion employed on Canal defences and on works as in Appendix. 16.	APPX. 16
	12th		Battalion employed on Canal defences and on works as in Appendix. 17.	APPX. 17

4TH AUSTRALIAN
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No.
Date

WAR DIARY

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~~INTELLIGENCE SUMMARY.~~

(Erase heading not required.)

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
CORBIE	12th to 15th		'B' Coy moved to I.36.c.5.1. on 13th	APPX. 17.
Ref. sheet. 62.D.	16th		'C' Coy changed over works and positions with 'A' Coy see Appendix. 6. 'A' and 'D' Coys under orders of 12th Aust. Inf. Brigade.	APPX. 6.
	17th		Nucleus changed over see Appendix.....	
	18th		Companies employed on Canal defences and works as in Appendix. 7..	APPX 7
	19th to 22nd.		Battalion employed on Canal defences and works as in Appendix. 9..	APPX. 19
			Battalion H.Q. shelled at midnight on 20th. <i>Lieut R.A. Sellars wounded</i>	
	23rd to 25th.		Battalion employed on Canal defences and works.	APPX 20
			Extract from A.I.F. Orders, List 346, dated 18.6.1918. Awarded Meritorious Service Medals. No. 3304. W.O. (Class II) G.E. WHITEHILL. " 4306, " " G.K. FREEMAN. " 5401, Sgt. A.H. FOSTER " 3054. L/Cpl. T. McA. MOORE 'D'	
	26 to 29th		Battalion employed on Canal defences and works.	
	30th.		A. Coy. burying cable O.11.a.0.1. to O.10.a.5.2. B. Coy. tunnelling at O.24.b.4.9., O.18.b.90.20 P.7.d.35.70. & P.1.c.5.5. C. Coy. Patrolling Corbie-Vaux Road, Chamber in O.P. P.19.a.9.9. tunnelling at I.30..60.65. D. Coy. Tunnelling at J.29.c.5.6., J.28.c.5.7. and Salvaging in Corbie.	

4TH AUSTRALIAN PIONEER BATTN
 No.....
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APPX 21

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WAR DIARY

OF

4TH. AUSTRALIAN PIONEER BATTALION.

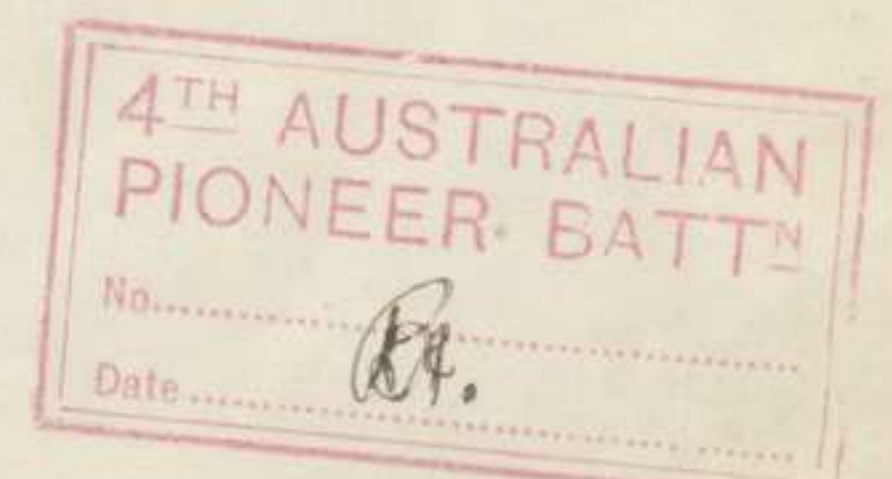
FOR

JUNE

1918

LIST OF APPENDICES.

No.	Subject.
1.	C.O.'s appreciation.
2.	" " of Works taken over from 5th. Division.
3.	Transport Officer's Report.
4.	Quartermasters Report.
5.	Operation Order No. 22 and 1st. Amendment.
6.	Operation Order No. 23.
7.	Special Order No. 24.
8.	Summary of Timber cut at sawmill.
9.	Casualties during month.
10.	List of R.E. material used on Battn. Works during June.
11.	Report of Material salvaged from COBIE.
12.	Excavations: for Month.
13.	Medical Officers Report.
14.	Works Report to 4th. June 1918.
15.	" " " 8th. " "
16.	" " " 11th. " "
17.	" " " 15th. " "
18.	" " " 18th. " "
19.	" " " 22nd. " "
20.	" " " 25th. " "
21.	" " " 29th. " "
22.	Plan of Shelter Dugouts.
23.	" " Bunking in Dugouts.
24.	" " M.G. Dugouts.
25.	Graph. of Strengths.
26.	Map of Battalion Works (Part of sheet 62D.)



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APPENDIX 1 4

4th AUSTRALIAN PIONEER BATTALION.

SUMMARY for month of June 1918.

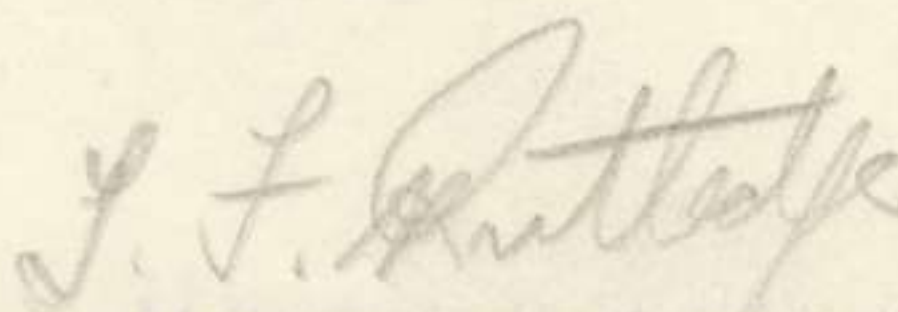
On the first of the month the Battalion took over works from 5th Pioneer Battalion and also on coming into area was attached to 13th Brigade as Brigade reserve. It was to a certain extent at the disposal of 13th Brigade for works but could not be employed for garrison work in front trenches, except in emergency, and if so used, a report had to be made to Division. For the first few days 'B' 'C' and 'D' companies were in shelters where they could not move during daytime which proved very inconvenient for getting the companies onto the various jobs. Later two companies 'A' and 'B' were taken from Brigade reserve and placed in Divisional reserve, though remaining in the same locations, 'C' and 'D' companies were employed in 13th Brigade area 'C' Coy working on trenches while 'D' Coy were employed on mined dugouts for Battalion and Brigade H.Q. and also had a party under Lieut. DEWAR salvaging machinery in CORBIE. This party at first consisted of 23 O/Rs, but was afterwards increased to 34 O/Rs and did excellent work. The representative of the French Mission on several occasions expressed the highest appreciation of the work that was being done and stated that machinery had been moved which they had never hoped to salvage. Early in the month 'B' Coy was put on to construct 4 mined dugouts in support and reserve lines, in right Brigade sector, for machine gunners. As soon as the Battalion came into the area, in view of the fact that the Battalion was more or less taking the place of an Infantry Battalion and that it was likely to be in at least six weeks, application was made to Division for permission to leave out a nucleus. This was granted and six officers and 120 O/Rs were sent out and attached to 13th Brigade nucleus for training. Unfortunately owing to press of work this nucleus could not be left intact and in a fortnight over 50 men had been detailed for works. On relief of 13th Brigade, 'A' Coy, changed over with 'C' Coy who had been having continuous night work and the next day the nucleus was changed over, 80 O/Rs and four officers being sent out. These men were employed for some time burying signal cable and a party was also put on erecting Mess Huts for division H.Q. Early in the month the 13th Brigade altered the disposition of its reserve which resulted in 'C' Coy moving to a better site, on the opposite side of river SOMME.

Great difficulty was experienced, in getting sufficient timber for the mining works on hand, and Lieut. CARTER and 15 men were detailed to run an existing sawmill at DAOURS. Later it was found necessary to run two shifts at this mill and the numbers were increased to 34 O/Rs. This party did excellent work, the unskilled portion of the work being done by the Battalion Band who were pressed into the service. On 'B' Coy works there were not sufficient men, and it was found necessary to get a party of Infantry daily to assist in the work. Towards the middle of the month a party of 'C' Coy were put on to repair the CORBIE - VAUX-sur-SOMME road which was getting in a very bad state. No metal was available and temporary repairs were carried out with a small quantity of stone available and brickbats. During the month an epidemic of influenza broke out in the Battalion and seriously interfered with the work. The arrangement of having two companies in Brigade reserve has not proved satisfactory in practice and has resulted in a diminution of the working strength available while a certain amount of confusion has resulted, owing to the control of the Battalions as far as works are concerned being divided between C.R.E and Brigades.

The leaving out of a nucleus has not proved altogether a success. The men benefited greatly by the training which was much needed, but it has been found that work is continually cropping up for which they are detailed and the final result is that both training and work suffer.

On first coming into the area 'A' Coy were responsible for guarding the bridges over the river SOMME and for their demolition in case of an enemy attack. They were afterwards relieved of this duty by 12th Field Coy, A.E.

4TH AUSTRALIAN PIONEER BATTN	
No.....	RA.
Date.....	



Lieut/colonel.

C.O. 4th AUSTRALIAN PIONEER BATTALION.

4th AUSTRALIAN PIONEER BATTALION.

Appreciation of state of works on taking over from 5th AUSTRALIAN DIVISION on 1/6/1918.

The Sector covered a front of 7,000 yards as from approximately O.24. cent. to J.30.b.5.0.

The front line consisted of a series of posts while the support and reserve lines required some improvement. The chief work in front of the Battalion, consisted in improving the trench system, completing mined dugouts for Battalion H.Q. and Artillery. The trench work consisted in deepening existing fire trenches and C.Ts, in support and reserve line and constructing new trenches.

J. F. Ruddle
Lieut/Colonel.
C.O. 4th AUSTRALIAN PIONEER BATTALION.

4 TH AUSTRALIAN PIONEER BATT ^N
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TRANSPORT SECTION.
4th AUSTRALIAN PIONEER BATTALION.

WAR DIARY 4 JUNE 1918.

During the month of June, transport was continually on works in the forward area. Over 180 tons of R.E. material was carted to works in this period.

In the latter part of the month a pack train was formed in which we supplied 21 animals and 23 men. The C.O. of the train expressed great satisfaction with the pioneer section, animals being in splendid condition and the section generally good. Notwithstanding heavy work and numerous detached parties which involves extra transport, animals were never looking better. Casualties for the period were 2 animals wounded.

(SIGNED) Geo. H. Thornton. Lieut.
TRANSPORT OFFICER.

4 TH AUSTRALIAN PIONEER BATT ^N	
No.....	<i>RA.</i>
Date.....	

4th AUSTRALIAN PIONEER BATTALION.R.Q.M.'s report for June 1918.RATIONS.

These were very good during the month.

BOOTS.

96 New pairs have been drawn from D.A.D.O.S for the month .
The Battalion boots are in good state of repair.

CLOTHING.

113 Pairs Breeches, 103 Jackets, 148 pairs puttees were drawn from D.A.D.O.S, during the month .
The Battalion is fairly well clothed.
A full supply of color patches have been supplied by D.A.D.O.S.

UNDERCLOTHING.

The Battalion has been fully supplied with clean clothing on two occasions during the month in the line.

COMFORTS.

The following comforts were drawn on the 13th and 22nd and distributed to Companies Pro.Rata.:-

400 Oranges.	300 Packets Cigarettes.
10 Bags Oatmeal.	2 Bags sugar.
8 Cases Milk.	10 Cases sundries
1 Parcel Papers.	8 Cases Cocoa & Milk.
4 Cases Coffee & Milk.	4 Cases Fruit.
4 " Sweets	2 " Tobacco.
1 " Potted Meat.	1 set Boxing Gloves.

(signed) S.B. LEHMANN

R.Q.M.S.
For Q.M.

4 TH AUSTRALIAN PIONEER BATT ^N	
No.....	<i>RS.</i>
Date.....	

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4TH. AUSTRALIAN PIONEER BATTALION OPERATION ORDER No. 22.

1. The 4th. Australian Pioneer Battalion. will relieve the Battalion in the left Brigade sector 'B' Divisional Area but will not be used on normal line reliefs, so situated the Battalion will come for tactical purposes (excepting works) and for accomadation under the order of the G.O.C. Left Brigade.
2. The relief will be carried out on the night 31st. May/1st. June and will be completed by 9.a.m. on 1.6.1918.
3. The Battalion less 'B' Coy. will be readt to move off at 9.p.m. 31.5.18
 - (a) Starting Point. Road opposite C. Coy. H.Q.
 - (b) Order of March Battalion H.Q. C.D. and A. Company.
4. 'B' Company will move independently from its present position and will relieve 'B' Company of the Reserve Battalion.
5. Transport Lines. Transport will remain in the present location until further notice.
6. Baggage Guard O.C. A.C. and D. Company will each detail 2 men in addition A. Coy. will detail 1 N.C.O. as a permanent guard on baggage waggons reporting to R.Q.M. at B.H.Q. at 5.p.m. on 31.5.1918. Men should be detailed who are need of arrest.
7. Baggage All surpluses baggage will be left at transport lines. Officers should confine themselves to blankets and haversacks in addition to their packs.
8. Tents and Trench Shelters . These will be taken over in site from the relieved Battalion. Numbers of Tents and Trench Shelters taken over will be reported to Battalion H.Q. on completion of relief. All tents and trench shelters at present held by this unit will be handed over to the reserve Battalion.
9. Transport. Transport will report to Battalion. H.Q. and their respective Companies at. 6.p.m. 31.5.1918 one waggon each for B.H.Q. and 4 companies will accompany the Battalion on the move the remainder will be loaded and returned to the transport lines.
10. March Discipline. March discipline will be strictly adhered to. Officers will carry packs.
11. Route via. DAOURS.

D. M. Ballin
 For G.O. 4th. Australian Pioneer Battalion. Lieut. & A/Adjt.

4TH AUSTRALIAN PIONEER BATTN
 No.....
 Date..... *RA.*

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4TH. AUSTRALIAN PIONEER BATTALION.

1st. AMENDMENT TO OPERATION ORDER No. 22.

Battalion (less 'B' coy.) will move to AUBIGNY LINE (south) tomorrow 1.6.1918 at 6.30.a.m. thence at a time to be notified later will move forward to relieve Reserve Battalion on Left Brigade sector.

'B' coy. will make their own arrangements as to route to the AUBIGNY LINE (South) and will send one officer ahead to take over Company positions.

This Officer will report to Battalion. Headquarters which will be located at 0.13.a.2.8.

Packs. All packs will be dumped under the supervision of R.Q.M. at Billet No. 75 BUSSY, and will be ready for conveyance thereto at 5.p.m. today 31.5.1918.

Surpluses Kit. will be loaded in separate waggons from that of supplies

Transport No Transport will move out with the Battalion but under separate arrangements by the Transport Officer.

Machine Guns Machine Guns will be carried by companies.

Stretcher Bearers Rifles at the rate of one per platoon will be stored with the R.Q.M.

Cookers will remain with Transport until further orders.

L. J. McCallum Lieut. & A/Adjutant.
For C.O. 4th. Australian Pioneer Battalion.

4TH AUSTRALIAN
PIONEER BATTN
No.
Date *RM.*

SECRET.

COPY NO. 11....

4th AUSTRALIAN PIONEER BATTALION OPERATION ORDER NO. 23.a.

- (1) On the night of the 16/17 instant, 'C' Coy will change over works and billets with 'A' Coy.

On completion of change O.C. 'C' Coy will be responsible for all work at present under construction by 'A' Coy.

- (2) 'A' Coy will be held at disposal of the G.O.C. 12th A.I. Brigade.
- (3) Relief must be carried out without any interruption of works at present being done by 'A' Coy.
- (4) 'C' Coy will have no work on night of 16/17th instant, but will arrange to send reliefs on to the various works allotted to 'A' Coy.
- (5) 'C' Coy will hand over cookers to 'A' Coy and 'A' Coy will hand over to 'C' Coy all cooking utensils at present in use by them.
- (6) Details of relief to be arranged between commanders of companies concerned.
- (7) Move to be completed by 3.A.M. on 17th instant.

On completion of relief companies will forward report to this office

(signed) W. J. McCALLION.

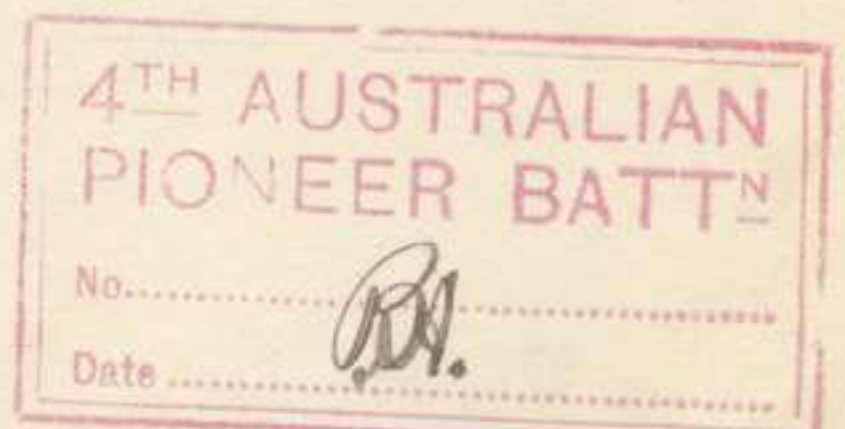
Lieut & A/Adjutant.

For Lieut. Colonel.

G.O. 4th AUSTRALIAN PIONEER BATTALION.

DISTRIBUTION.:-

Copy No. 1.	4th Aust. Div.	Copy No. 8.	R.Q.M.
" "	2. C.R.E.	" "	9. Transport officer.
" "	3. 13th Brigade.	" "	10. File.
" "	4. to 7. Companies.	" "	11. War diary.



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4th AUSTRALIAN PIONEER BATTALION & SPECIAL ORDER NO. 24.

17.6.1918.

1. The Pioneer Nucleus Reserve at present at 13th. Aust. Infantry Brigade Nucleus Reserve Camp will rejoin the Battalion tonight.
2. The detached parties under Lieutenants CHESTER and LUCAS will continue on works for the C.R.E.
3. The undermentioned Officers with 20 O/R to be detailed from each Company will proceed to Nucleus Reserve Camp.

Captain R.R. BINGLE	O/C.	'D' COY.
Captain P.A.A. LAMBERT	2nd i/c	'C' Coy.
Lieut. D.C. JUNNER		'A' COY.
LIEUT. J. MATTHEWS		'D' COY.

4. The following N.C.O's have been detailed as instructors and will be included in their company allotment.

3845	Sergeant	G.U. GORDON	'D' Coy.	MUSKETRY INSTRUCTOR.
3901	"	N.R.H. PALMER	'B' "	P.T. & B. "
564.	"	G.A. ORGILL	'A' "	LEWIS GUN "
5379	L/Sergt.	J.H. FARRANDS	'D' "	BOMBING "

5. Parties from Companies will march out independently on the morning of the 18th instant and rendezvous at the Transport Lines where Captain Bingle will assume Command and conduct the party to the Nucleus Reserve Camp.
6. Rations for the 18th instant will be carried by both parties.
7. Water bottles will be filled.
8. Sergeant Gordon will take charge and be responsible for the Pioneer Nucleus Camp and all stores (including cooking utensils) during the movement.

L.J. McCallion
Lieut & A/Adjutant.
For C.O. 4th AUSTRALIAN PIONEER BATTALION.

Issued at 11.15.A.M.

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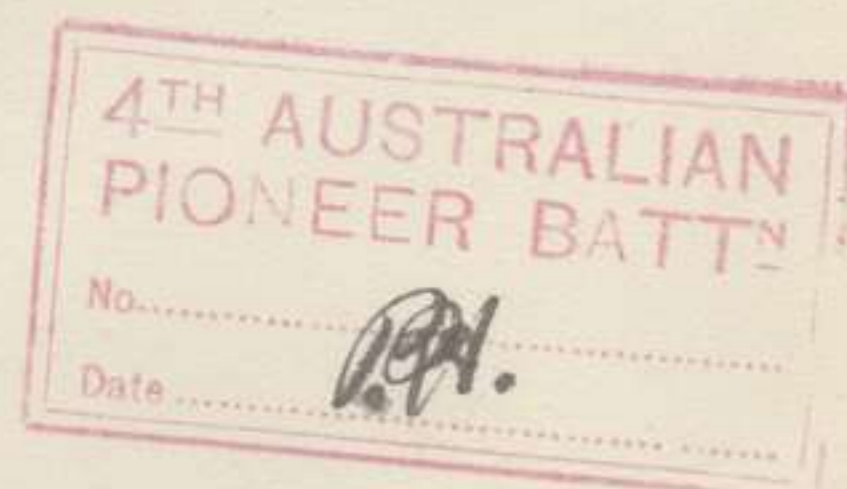
Extra copies to:- No. 11 C.O. 13th Brigade Nucleus Reserve.
" 12. O.C. Pioneer Nucleus Reserve.

4TH AUSTRALIAN
PIONEER BATT^N

No.
Date

Summary of Timber cut at Sawmill by Lieut. Carter M.C. and party of 38 O/r.

9" x 3"	8388	super.	feet.
6" x 1½"	20220	"	"
3" x 1½"	888	"	"
12" x 4"	1032	"	"
8" x 4"	660	"	"
9" x 1½"	536	"	"
8" x 1½"	576	"	"
5" x 1½"	4392	"	"
4" x 1½"	1824	"	"
7" x 1½"	1860	"	"
9" x 2½"	14748	"	"
Total	54,624	"	"



4th AUSTRALIAN PIONEER BATTALION.CASUALTIES for JUNE 1918.

No. 3952.	Sgt. R. C. MINN.	...	wounded by H. E. shell.	Dated 3.6.18.
" 4036.	Pte. V. BROWN.	...	" " "	" 2.6.18.
" 1877.	" J. INGLEDEW.	...	" " "	" 4.6.18.
" 2431.	" J. MCADAM.	...	" " "	" 4.6.18.
" 3149.	Sgt. J. SHEARING.	...	" " "	" 5.6.18.
" 2382.	Pte. A. L. HATTON.	...	" " "	" 7.6.18.
" 3938.	" S. J. WILKE	...	" " "	" 8.6.18.
" 2373.	" T. WAHLSTED	...	" " "	" 8.6.18.
" 1824.	" J. BLACK.	...	" " "	" 9.6.18.
Lieut. P. A. BALLARD.		...	" " "	" 11.6.18.
1882,	Pte. F. L. HUME.	...	" " "	" 11.6.18.
No. 3166.	" F. P. BRICKETT	...	killed " "	" 12.6.18.
" 2482.	" G. T. STOKES.	...	(wounded ")	" 12.6.18.
			(Remained at duty)	
" 3936.	" J. N. WEIR	...	wounded by H. E. shell.	" 16.6.18'
" 1865.A.	" J. H. PALMER	...	(wounded by H. E. shell)	" 16, 6, 18'
			(Remained at duty)	
" 1902.	" M. McKee.	...	wounded by H. E. shell.	" 19.6.18'
Lieut. R. A. SELLARS.		...	" " "	" 20.6.18'
No. 2702.A.	Pte. S. C. WARRHAM.	...	" " "	" 29.6.18'

4TH AUSTRALIAN
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4th AUSTRALIAN PIONEER BATTALION.
SUMMARY OF

R. E. Material used on Battalion works for month of June 1918.

<u>MATERIAL.</u>	<u>QUANTITY.</u>
Sandbags	47. Bales.
Corrugated Cupola Iron	50 sheets.
Hessian x 3'	30 Yards.
Wire Netting	10 Rolls.
Hardwood. 3" x 2"	1750. Feet.
Do. 4" x 2"	75. "
Lagging 6" x 1"	14,370. "
Mining sets 9" x 3"	618.
Do. Caps 9" x 3"	8.
Forest Pickets, long.	112.
Pitprops 6'6" x 6"	287.
R. S. Joists,	184.
Girder Shoes	348.
Candles mining	700.
Shovels	20.
Pick Heads	70.
" Helves	20.
Camouflage	45. Rolls
Coir Matting	1. Roll.
Wire Nails 3", 4" & 6"	4 1/2. Cwt.
Safety Fuse	3. Tins.
Detonators	1. Box.
Blastine	3. Cases.
Rope x 3"	50. Feet.
Petrol Tins	140.
Leather Belting	2. Rolls.
" " Fasteners	1. Box.
Saw Files	2. Only.

4TH AUSTRALIAN
PIONEER BATT^N

No.
Date *RA.*

SUMMARY of material Salvaged from CORBIE by Lieutenant J.D. DEWAR and party of 35 O/Ranks.

- (a) Gas Engines.
- (b) Dynamo's
- (c) Weaving Machines and Looms from woollen Mills and Factories.
- (d) Sewing Machines .
- (e) Steam Engine Plant.
- (f) Wool.
- (g) Hides.
- (h) Agricultural Machinery .

The value of material salvaged from CORBIE by above party during month of June is estimated at over 1,400,000 francs.



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APPENDIX NO. ~~11~~ 12

EXCAVATION DURING MONTH OF JUNE 1918.

6,640 CUBIC YARDS. of tunnelled dugouts excavated

4 TH AUSTRALIAN PIONEER BATTN	
No.....	<i>PA.</i>
Date.....	

MONTHLY SICK REPORT.

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4th AUSTRALIAN PIONEER BATTALION.

FOR MONTH ENDING 30th JUNE 1918.

NO. OF MEN REPORTING SICK.	NO. OF MEN AWAY GUARDED WOUNDED.	NO. OF MEN AWAY GUARDED SICK.	OFFICERS AWAY GUARDED SICK.	NO. OF OFFICERS WOUNDED.	NO. OF MEN KILLED.	NO. OF MEN DIED OF WOUNDS.	NO. OF MEN MISSING.	DIARRHOEA.	SCABINS.	TRENCH FEVER.	TRENCH FEVER.	NO. OF V.D. CASES.		
												DISCOVERED.	Under Treatment.	Evacuated.
196.	12.	33.	2	2	1	1	Nil.	3	4	Nil.	Nil.	1	6	1

An epidemic of Influenza passed through the Battalion during the month which affected about 25% of the personnel.

4TH AUSTRALIAN PIONEER BATT^N
 No.
 Date *RA.*

K. H. Whiting
 CAPTAIN.
 R. M. O.

APPENDIX

13
 17

4TH. AUSTRALIAN PIONEER BATTALION.

Appx. ~~15~~ 14

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Works report to 4th. June 1918.

Ref. Sheer 62D.

Location	Nature of Work	Amount done	No. employed	Coy.	Remarks.
P.2.b.5.5. to P.2.a.90.50	Communication Trench 3' x 1'6" x 3'9"	125 yds.	44	A.	
J.28.d.o.5. to J.28.d.7.8.	Repairs to Fire Trench.	70 yds.	152	B.	
J.27a.7.4. to J.27.b.	Deepened to 4'6" & improving C.T.	540 yds.	120	C.	
J27.c.6.6.	Fire Trench 3'6" x 1'6" x 3'6"	40 yds.	22)		
J.28.a.8.8.	Tunnelled Dugouts Drive No.2.8' x 8' 6 ft. Chamber 9'6" x 8' 2 ft.		40)	D.	

D. McCallion

Lieut. & Adjutant.

For C.O. 4th. Australian Pioneer Battalion.

4TH AUSTRALIAN
PIONEER BATTN
No. *100*
Date *4/6/18*

APPENDIX
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18

4th. Australian Pioneer Battalion.

Location	Nature of Work	Amount done	No Employed	Hours worked	Coy	Remarks.
O.16.b.2.3.	Dugouts for a Stillery	13 Dugouts Gas Proofed.				
		Construction of 4 dug-	21	5 hrs	'A'	
		outs in progress.		for 3 days		
	Gas proofing dugouts	2 X type gasproof shelters				
O.10.b.2.2.	Tunnelling on 4 faces	3 ft. completed each face				
		13 sets timber put in	21	5 hrs. for	'A'	
		7 cub.yds Bagged and		3 days		
		laid for revettment.				
O.17.a.3.2.	Gas proofing	2 X type gasproof shelters				
O.17.b.3.1.	" "	2 X " " "	20	5 hrs.	'A8'	
P.19.a.9.9.	Observation Post.	3 feet tunnelled				
		20 yards sap cut	14	3 hrs	'A'	
		2 sets timber put in.		3 days.		
P.2.a.2.4. to	Improving and Deepening C.T.	1140 yards.	123	4 hrs. for	'B'	
P.1.b.4.3.				3 days.		
J.28.a.2.2.	Digging new deviation in C.T.	30 yards	14	4 hrs.	'C'	
J.27.a.7.4. to	Deepening & widening C.T.	1035 yards	73	4hrs for	'C'	
J.28.a.3.4.				3 days.		
J.27.b.5.1.	Deepening C.T. to 3'6"	90 yards.	13	4 hrs for	'C'	
				2 days.		
J.27.b.6.1 to	Strong Posts with Fire bays	73 yards +ncomplete	31	4 1/2 hours	'C'	Work camouflaged.
J.27.d.5.9.	" " " " "	61 " "	27	" "	"C"	" "
J.29.c.5.0. to	Switch Trench connected at	120 yards completed &				
J.29.c.85.65	both ends 3'6"x3'x2'	parapet formed for fire	50	4 hrs.	'C'	
		30 yards incomplete	19 Imf.	from 49 Battn.		
J.29.c.60.85	C.T. 3'6" x 3' x 1'6"	30 yards complete				Work camouflaged.
to J.29.b.4.0.		70 yards incomp. XXX				(2'6" deep).
		100 yards parapet form-	54	4 hrs	'C'	
		ed for fire.				

4TH AUSTRALIAN PIONEER BATTN
 No. *PA.*
 Date *8/6/18*

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APPENDIX

15/19

Appx 15.

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Location.	Nature of work.	Amount done	Number employed.	Hours worked daily.	Coy.	Remarks.
J.27.a.8.8.	Tunnelled Dugouts	No.2 Drive (6'4" x 8") 9½ ft. " 3 " (6' x 3'6") 14½ "	42.	4/6 hour shifts for 3 days.	'D'	
I.32.b.2.8.	Tunnelled Dugouts.	Erecting 12 Bunks 800 Cub.ft spoil dumped and camouflaged		3/8 hour shifts	'D'	
O.4.b.3.4.	Salvaging under supervision Area Comdt. Corbie . Party cutting Pip props. Sawmill party		23. 6. 15.	6 Hrs. for 3 Days.	'D'	
O.24.b.4.9. & O.18.b.9.2.	Garrisoning Reserve Trench Work commenced on M.G's	Marking out, cutting faces on each job Etc.	44. 14.	4 hours	'C' 'B'	

4th. Aust. Pioneer Bn.
6.P.M. 8.6.18'

L. J. McCallum Lieut & A/Adjutant.
For Lieut Colonel.
C.O. 4th AUSTRALIAN PIONEER BATTALION.

4TH AUSTRALIAN PIONEER BATTALION
 No. *PA.*
 Date *2/10/18*
 APPENDIX

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BI-WEEKLY WORKS REPORT TO 6 p.m. 11th. June 1918. - 4th. AUSTRALIAN PIONEER BATTALION.

Location	Nature of Work	Amount done	No. Employed	Time worked	Company	Remarks
O.10.b.2.2.	Tunnelled Dugouts	33 sets put in	60	3 days.	'A'	
O.16.b.2.3.	Gas Proofing	1 X type dugout complete.				
O.16.b.20.15.	Gas Proofing	4 dugouts complete.				
O.17.a.3.2.	Constructing of Dugouts	6 " "	28	3 days	'A'	
xxxxxxx	and Gasproofing					
O.17.b.3.1.	Gasproofing	5 " "				
O.17.d.6.9.	"	1 X type shelter complete				
P.19.a.9.9.	Observation Post.	9 sets in vertical drive				
		8 sets in stairway.	14	3 days.	'A'	
		Existing trench deepened				
		for drainage purposes.				
O.24.b.4.9.	M.G. Positions	30 yards sap excavated.				
O.18.b.9.2.	"	Deepening & widening positions	59	4 hrs.	'B'	
O.24.b.4.9.	"	Tunnelling 6'6"x2'9". 8 ft.	21	2 days	'B'	
		6'6"x4' 12 sets				
O.18.b.9.2.	"	" 6'6"x2'9". 4 ft.	17	2 days.	'B'	
		6'6"x 4' 10 sets				
P.7.d.35.70.	"	24 yards sapping to M.G. site	30	4 hours	'B'	
	Party at Edge n.e.	getting Engineers	13	1 day	'B'	
	Carrying party	Carrying R.S. Material	55	4 hrs.	'B'	
J.29.c.8.8.to	C.T.	100 yards	44	2 hrs.	'C'	
J.29.a.95.00						
J.29.d.65.85						
to J.29.d.75.85	C.T.	50 yards				
J.29.a.6.8.to			40	2 hrs.	'C'	
J.29.b.4.0	Deepening Trench to 3'6"	100 yards				
J.34.d.5.1.to	Digging 6 advanced posts	Total lengths of posts.				
J.34.d.8.2.	with Firebays 4'x3'x2'	(106) (5) (4) (3) (2) (1)				
		47 34 40 46 35 48	125	2 hrs.	'C'	All posts complete.
		Total 270 yards.				

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4TH AUSTRALIAN PIONEER BATTALION
 No.
 Date

APPENDIX

16/7

Location	Nature of Work	Amount done	No Employed	Time worked	Coy.	Remarks.
J.32.d.75.80 to J.32.d.9.8.	C.T. with firebays. 3'x4'x2'	135 yards completed and camouflaged.	54	3 hrs.	'C'	
P.4.b.0.9.to P.4.b.85.95.	Erecting Double Apron Wire	480 yds. fence & apron completed.	55	3 hrs.	'C'	
J.27.a.888	Tunnelled Dugouts.	No2 Drive 6'4"x8'. 12 1/2 ft. 3 " 6'4"x3'6". 11 1/2 ft.	53	3 days	'D'	
I.32.b.2.8.	" "	30 Bunks erected. 1 Gas Screen erected 650 cub.ft. spoil dumped and camouflaged.	29	3 days	'D'	
O.4.b.3.4.	Salvaging under direction of Area Commandant, Corbie.		23	3 days	'D'	
3th. Bde H.Q.	Assisting Engineers in Tunnelling. Timber Cutting	Cutting Pitprops	12 6	2 days 8 hrs	'D' 'D'	

L. McCallion
Lieut & A/Adjutant.
For C.O. 4th AUSTRALIAN PIONEER BATTALION.

4TH AUSTRALIAN
PIONEER BATT
No.
Date

APPENDIX

16/22

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4th. AUSTRALIAN PIONEER BATTALION.

Location	Nature of Work	Amount done	No Employed	Hours worked	Coy.	Remarks.
O.10 b.2.2.	Tunnelled Dugouts.	8 sets 6' x 6' in Chamber 15 " 7' x 7' in " 10 " 6' x 6' in gallery	42 for 4 days.	3/5 hr. shifts	'A'	Lining Completed Timbering up of Chambers completed.
O.10 a.90.65.	Tunnelled Dugouts.	2 68 x 3' Frames erected 647 cub.ft. excavated. (Shaft entrance)	17 for 3 days.	5 hrs.	'A'	
O.10 a.90.65	Cupola Dugout.	21 sheets iron erected on 2 Dugouts and 3 cub. yards concrete on 1 dugout.				
O.17.d.6.9.	Gasproofing X type Shelters	4 shelters complete	6 for 4 days.	5 hrs.	'A'	
O.17.a.3.2.	" " " "	1 " 90% complete.				
P.19.a.9.9.	Observation Post.	16 sets in stairway 10 sets in vertical slope.	15/4 days	5 hrs.	'A'	
O.24.b.4.9.	Machine Gun Positions	32 sets timber put in	28 "	4/5hrs.	'B'	
O.18.b.9.2.	" " " "	24 " " " "	26 "	"	'B'	
P.7.d.35.70.	" " " "	8 sets " " " "	26 "	"	'B'	
P.1.c.50.50.	" " " "	18 " " " "	25 "	"	'B'	
J.29.a.20.65 to	Fire Trench 3'x4'x2'	180 yards				
J.29.d.45.80	" " " "					
J.29.a.05.70 to	" " 3'x3'6"x2'	110 yards	52	3 hours	'C'	30 OR. Carrying party
J.29.a.20.65	" " " "					
J.29.a.45.80 to	" " " "	85 yards	65	3 hours	'C'	30
J.29.b.45.00	" " " "					
Between J.29.c.9.6.	Deepening and Improving Trenches	265 yards	101	3 hours	'C'	
and J.29.b.45.00	" " " "					
J.28.a.8.8.	Tunnelled Dugouts	'C' Chamber 12 ft. 'D' " 4 ft. No 2 Drive 6'62 " 3 " 3 ft.	53/4 days		'D'	
I.32 b.2.3.	" " " "	450 cub.ft. spoil removed and camouflaged.	29	2 days	'D'	

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4th AUSTRALIAN PIONEER BATTN
 No. *PA*
 Date *PA*

APPENDIX 1723

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Location	Nature of Work	Amount done	No. Employed	Hours worked	Day	Remarks.
O.4.b.3.4.	Salvaging in COMBIE under supervision of Town Major		23	4 days	'D'	
Bdgo H.4.	Assisting Engineers on Signal Engineers <i>Dug out</i>		12	4 days.	'D'	
	Sawmill party		17	4 days.		

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4th. Aust. Pioneer Bn.
Headquarters.
15.6.18.

L. J. McCallion Lieut. & A/Adjutant.
for Lieut. Colonel.
C.O. 4th. Australian Pioneer Battalion.

4TH AUSTRALIAN PIONEER BATT^N

No. *104*

Date

APPENDIX

17
104

Location	Nature of Work	Amount done	No Employed	Time	Coy
O.10.b.2.2.	Tunnelled Dugouts	: 2 sets timber put in : 10 Bunks erected : General cleaning up of : work and camouflaging : spoil.	24	2 days	'A'
O.10.a.90.65	Tunnelled Dugouts		30	3/5hr. shifts	'A'
O.10.a.90.65	Cupāda Iron Dugouts	: 1 Dugout 50% complete : 7 cub.yds concrete put in : Carting Material	22	2 days	'A'
O.17.a.3.2.	X Type Shelters	: 1 Shelter complete	3	5 hrs	'A'
P.19.a.9.9.	Observation Post	: 11 sets timber put in	14	3 days	A & C
J.22.d.6.3. to J.22.d.9.2.	Adelaide C.T.	: 500 yds. (2nd. Task) compl.	120	3 1/2 hrs.	'A'
J.25.c.95.20.	Deepening Trench at Coy.H.Q.	: 50 yards.	10	4 hrs	'A'
O.24.b.4.9.	Tunnelled Dugouts and M.G. Positions.	: 12 sets put in and : excavating in Main Drive:	30	3 days	'B'
O.18.b.9.2.	" " "	: 25 sets timber completed	28	3 days	'B'
P.7. d.35.70	" " "	: 23 " " "	28	3 "	'B'
P.1.c.5.5.	" " "	: 18 " " "	28	3 days	'B'
J.28.b.6.7. to J.29.a.0.7.	New Fire Trench Reserve Line	: 180 yards (1st. Task)	101	3 1/2 hrs	'C'
O.10.b.1.5.	Constructing Cupāda Dugouts	: 75% complete.	29	5 hrs	'C'
CORBIE	Patrolling & repairing CORBIE-VAUX Road	: Filling in shell holes	27	5 hrs	'C'

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Work on this job
ceased on account
of water.

Hard Digging.

4TH AUSTRALIAN PIONEER BATTALION
APPENDIX
No.
Date

18/5

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Location	Nature of Work	Amount done	No Employed	Time	Coy	Remarks.
J. 28. a. 8. 8.	Tunnelled Dugouts	D. Chamber (6' 4" x 8') 9ft. 21 Bunks erected. Erecting Overhead cover for 2 entrances.	29	2 days.	'D'	
J. 28. c. 9. 6.	Tunnelled Dugouts	A Drive (6' 1" x 2' 10) 12ft. B. " " " 12 ft	44	6 hrs	'D'	
O. 4. b. 3. 4.	Salvaging in Corbie		23	daily	'D'	
Bage H. 4.	Assisting Engineers on Signal Dugouts		12	3 days	'D'	
O. 3. a. & O. 3. b.	Timber Cutting Party.	450 pitprops cut & dumped 90 Bunk Poles " " 65 logs cut & delivered to Saw Mill	Lt. Chester: & 30 O.R.	daily		Detached party fro Nucleus
H. 35. d. 7. 5.	Dugouts	9 mine sets placed. Excavation (treble handed 14 c.yds. 9' x 8' chamber prepared for timbering	Lt. LUCAS: & 28 O.R.	do		do do
	Sawmill work.	Cut. 1118 running ft. 9x2 1/2" 55 " " 8"x1 1/2" 407 " " 7" " 2160 " " 6" " 498 " " 5" " 288 " " 4" " 176 " " 3" "	Lt. Carter & 17. O.R.	2 days.		Mill closed down on 16th. inst. for repairs.

4TH AUSTRALIAN PIONEER BATTALION
APPENDIX
No.
Date

18.6.18.

L. McCallum
Lieut. & Adjutant.
for C.O. 4th. Australian Pioneer Battalion.

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XWO

Bi-Weekly Works Report to 6p.m. 22/6/18. 4th. Australian Pioneer Battalion.

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Location	Nature of Work	Amount done	No Employed	Time	Coy.	Remarks.
J. 22. d. 20. 15 to J. 22. d. 70. 30.	Second Task C.T. n	430 yards complete	114	3 1/2 hrs.	'A'	
J. 25. c. 95. 20.	Deepening Trench at Coy. HQ	120 yards	10	2 days	"	
J. 29. a. 8. 5. to J. 29. b. 2. 2.	Second Task C.T.	410 yards	109	4 hrs.	"	
J. 22. d. 20. 15 to J. 22. d. 70. 65	Widening Bottom of Trench to 2 feet.	400 yards	24	3 hrs	"	
J. 22. d. 9. 2. to J. 29. a. 5. 7	Second Task C.T.	320 yards	92	3 1/2 hrs.	"	
J. 34. d.	Connecting Posts between Posts 9 and 10	127 yards 3'6" x 4' x 1'6"	50	3 1/2 hrs	"	
J. 29. b. 2. 2. to J. 29. b. 5. 0	Second Task C.T.	380 yards deepened & widened	50	3 1/2 hrs	"	
J. 22. d. 6. 3. & J. 29. a. 3. 8.	Erecting Trench Bridges.		8	3 hrs.	"	
Bdge Hd. Qtrs.	Dugouts.	4 Dugouts in progress.	18	6 hrs.	"	
O. 24. b. 40. 90.	Tunnelled Dugouts	15 feet excavated in Main chamber	30	4 days	'B'	B. COYS worked 4/5 hr shifts on each job daily.
O. 18. b. 90. 20	Tunnelled Dugouts	8 Girders in position : 6'6" x 6' x 3' Excavation : 6 girders in position	30	4 days	"	
P. 7. d. 35. 70.	Tunnelled Dugouts	: 25 sets completed. : 2' excavated in Main Chamber	28	4 days	"	
P. 1. c. 50. 50.	Tunnelled Dugouts	: 20 ft. sets completed : 8' excavated in Main Chamber	30	4 days	"	

4TH AUSTRALIAN
PIONEER BATTNo. 19
Date 22/6/18

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Location	Nature of Work	Amount done	No. Employed	Time	Coy.	Remarks.
O.10 a ⁹⁰⁶⁵ central	Cupola Dugouts	24½ yds concrete put in	20	4 days	'C'	90% complete
O.10.b.1.5.	" "	Dugout Topped	3	3 days	'C'	Complete.
P.19.a.9.9.	Observation Post	Shaft driven 20' 16 sets put in	26	4 days	'C'	
Corbie-Vaux Rd.	Patrolling and Repairing Corbie-Vaux Road	233 yards General Repairs	24	4 days	'C'	
J.28.c.9.6.	Tunnelled Dugouts	'A' Drive 14' 'B' Drive 10 10'6" Entrance revetted 25 sets put in	30	4 days	'D'	
J.29.c.5.7.	Tunnelled Dugouts	33 sets put in	25	4 days	'D'	
Bge HD.Qtrs.	Assisting Engineer on Signal Dugouts.		12	4 days	'D'	
O.4.b.3.4.	Salvaging in Corbie		34	4 days	'D'	
I.30.c.5.6.	Tunnelled Dugout	'A' Drive 27' 'B' Drive 27' 8' Chamber 2'6". 30 sets timber put in 3 R.S. joists put in	30	4 days	'C'	
H.35.d.7.5.	Dugout	8'x9'x6'6" Dugout complete	26	4 days		Lt. Lucas' party.
O.3.a. and O.3.b.	Timber Getting Party.	470 Pitprops cut and dumped 120 Bunk Poles " " " 200 Logs delivered to Mill: average mean Circum. 33"	31.	4 days		Lt. Chester's Party
DAOURS.	Sawmill Party.	Cut. 2324' 9 x 2½. 127' 8 x 1½. 772' 7 x 1½. 6362' 6 x 1½. 2404' 5 x 1½. 555' 4 x 1½. 343' 3 x 1½. 50' x 3"x2", 30' x 6"x1" 200' x 6"x2"	Lt. Carter & 32	4 days		

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APPENDIX

4th AUSTRALIAN PIONEER BATT
 No. *Pa.*
 Date *22/6/1919*

L. McCallion

Lieut. & A/Adj. for C.O. 4th. Aust. Pioneer Battrn.

BI-WEEKLY WORKS REPORT TO 6 p.m. 25th. JUNE 1918. 4th. AUSTRALIAN PIONEER BATTALION.

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Location	Nature of Work	Amount done	No. Employed	Time	Coy.	Remarks.
J.33.d.8.0. to J.34.e.8.1.	Connecting up Posts.	272 yds Fire Trench 3'6"x4'x1'6"	50 for 2 days	3 hrs daily.	'A'	
J.33.d.8.0 to J.33.d.6.5.	Communication Trench	513 yds. 4'x4'x1'6"	71 for 3 days	3 hrs daily.	'A'	
J.22.d.60.30 J.29.a.20.80	Road Bridges.		8	4 hrs	'A'	
J.19.c.central (Bae.H.Q.)	Assisting Engineers on Dugouts,		18	6 hrs.	'A'	
O.24.b.40.90.	Tunnelled Dugouts	6 girders in position 15' Chamber excavated	32	3 days	'B'	
O.18.b.90.20.	" "	6 girders in position 16' Chamber excavated	31	"	"	
P.7.d.35.70.	" "	4 sets put in 2 girders in position 11' Drive excavated	31	"	"	
P.1.c.50.00	" "	6 girders in position 6' excavated in Drive 9' in Main Chamber	31	"	"	
O.10.a.90.65al	Erecting & Concreting Dugouts	3 Iron Dugouts completed 1 Dugout concreted	23	3 days	'C'	
P.19.a.6.5. Corbie-Vaux Road	Observation Post Patrolling and repairing Road.	Shaft driven 19' 170 yds General Repairs	28 27	3 days 3 days	" "	
J.29.c.5.7.	Tunnelled Dugouts	14 sets put in	25	3 days	'D'	
J.28.c.8.6.	" "	'A' Drive 19' 'B' Drive 20' 20 sets put in				
Bae. H.Q.	Assisting Engineers on Dugouts		12	3 days	'D'	
O.4.b.3.4.	Salvaging in CORBIE		34	3 days	'D'	

4TH AUSTRALIAN
PIONEER BATTN
No. *PA.*
Date *25/6/18*

APPENDIX

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Location	Nature of Work	Amount done	No Employed:	Time	Coy.	Remarks.
Daours	Sawmill Party.	Cut 3563 running ft. 9x2 1/2 104 " " 8x1 1/4 463 " " 7x1 1/4 3658 " " 6x1 1/4 1617 " " 5x1 1/4 669 " " 4x1 1/4 141 " " 3x1 1/4	Lt. Carter & 36 o.r.s	3 days		
O.3.a. & O.3.b.	Timber Getting party	280 Pitprops cut & dumped 90 Bunkpoles do 140 Logs d/d to sawmill 1398.5' total.	Lieut. Chester & 31 o.r.	3 days.		
I.28.a.7.2.	Dugouts.	7 sets put in 10 cub.yds spoil dug out: Steps cut at entrance				
I.30.c.5.6.	Dugouts.	Excated 18' of 9' gallery 11 Girders in position Revetting sides of 10' chamber	35	3 days	'C'	

L. McCallwin
Lieut. & A/Adjutant.
For C.O. 4th. Australian Pioneer Battalion.

APPENDIX 20
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4TH AUSTRALIAN PIONEER BATT
No. 25/6/18
Date

BI-WEEKLY WORKS REPORT TO 6p.m. 29th. June 1918. 4th. Australian Pioneer Battalion.

Location	Nature of Work	Amount done	No Employed	Time	Coy.	Remarks.
✓ J.34.d.20.15. to J.34.d.60.20	Connecting up Posts	180 yads trench	75	3 1/2 hrs	'A'	
✓ J.33.d.65.50 to J.33.d.60.70	C.Trench 4'x4'x2'	70 yds.	30	3 1/2 hrs	'A'	
J.33.d.30.30.to J.33.d.95.00 and J.33.c.65.10 to J.33.c.50.20.)) C.Trench)	186 yds.	78	3 1/2 hrs	'A'	
J.33.d.60.60 to J.33.d.40.65	C.Trench	55 yds.	25	3 1/2 hrs	'A'	
✓ J.34.d.65.10 to J.33.d.50.25	Connecting up Posts " " "	65 yds. 165yds	100	3 1/2 hrs	'A'	
J.33.d.40.65 to J.33.d.2.8.	C.Trench	250 yds	101	3 1/2 hrs	'A'	
Bde. H.Q.	Assisting on dugouts		18	4 days	'A'	
O.24.b.40.90	Tunnelled Dugouts	8 girders in position 16 ft. excavated	32	4 days	'B'	
O.18.b.90.20.	" "	5 girders in position 18'6" excavated	31	4 days	'B'	
P.7.d.35.70	" "	5 girders in position 16ft. excavated Main Chamber 4 ft. " Main Drive	31	4 days	'B'	
P.1.c.50.00.	" "	8 girders in position 21ft. excavated	32	"		
O.10.a.90.65	Cupola Dugouts	2 dugouts completed	20	"	'C'	
P.19.a.6.5.	Observation Post	Work completed	28	"	'C'	

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4th AUSTRALIAN PIONEER BATT
No.
Date

APPENDIX

10/70

Location	Nature of Work	Amount done	No Employed	Time	Coy	Remarks.
Corbie-Vaux Road	Repairing and patrolling - Vaux Road.	Corbie 196 yds. metalled and repaired. 400 yds. Drainage	26	4 days	'C'	
I.30.c.5.6.	Tunnelled Dugouts	27' of 9' Gallery excavated 12 girders put in	30	4 days	'C'	
J.29.c.5.7.	Tunnelled Dugout	28 sets put in 20 1/2 ft. excavated.	25	4 days	'D'	
J.28.c.8.6.	Tunnelled Dugout	6 girders put in 'A' Drive 12 1/2 ft. excavated 'B' Drive 12 ft. "	42	4 days	'D'	
Bde H.Q. J.19.c.	Assisting Engineers on Signal Dugouts.		12	4 days	'D'	
O.4.b.3.4.	Salvaging in Corbie		34	4 days	'D'	Party ceased wrk 29.6.18.
I.28.a.7.2.	Dugouts	15 sets put in 26 cub. yds excavated	Lt. Lucas: & 28 O.R.	4 days		Work complete
O.3.a.& O.3.b.	Timber Getting	250 pitprops cut & dumped 120 Bunk poles do 191 Logs cut and delivered to Mill	Lt. Chester & 31 O.R.:			
Deours	Sawmill	1977 running ft 9x2 330 " " 8x1 726 " " 7x1 14335 " " 6x1 3009 " " 5x1 1750 " " 4x1 472 " " 3x1 9 " " 4x3	Lt. Carter 7 38 O.Rs.	4 days		

4th AUSTRALIAN PIONEER BATTN
APPENDIX
No.
Date

Lt. McCallum Lieut. & A/Adjutant
for C.O. 4th. Australian Pioneer B

2139

216

APPENDIX 22
33

PI

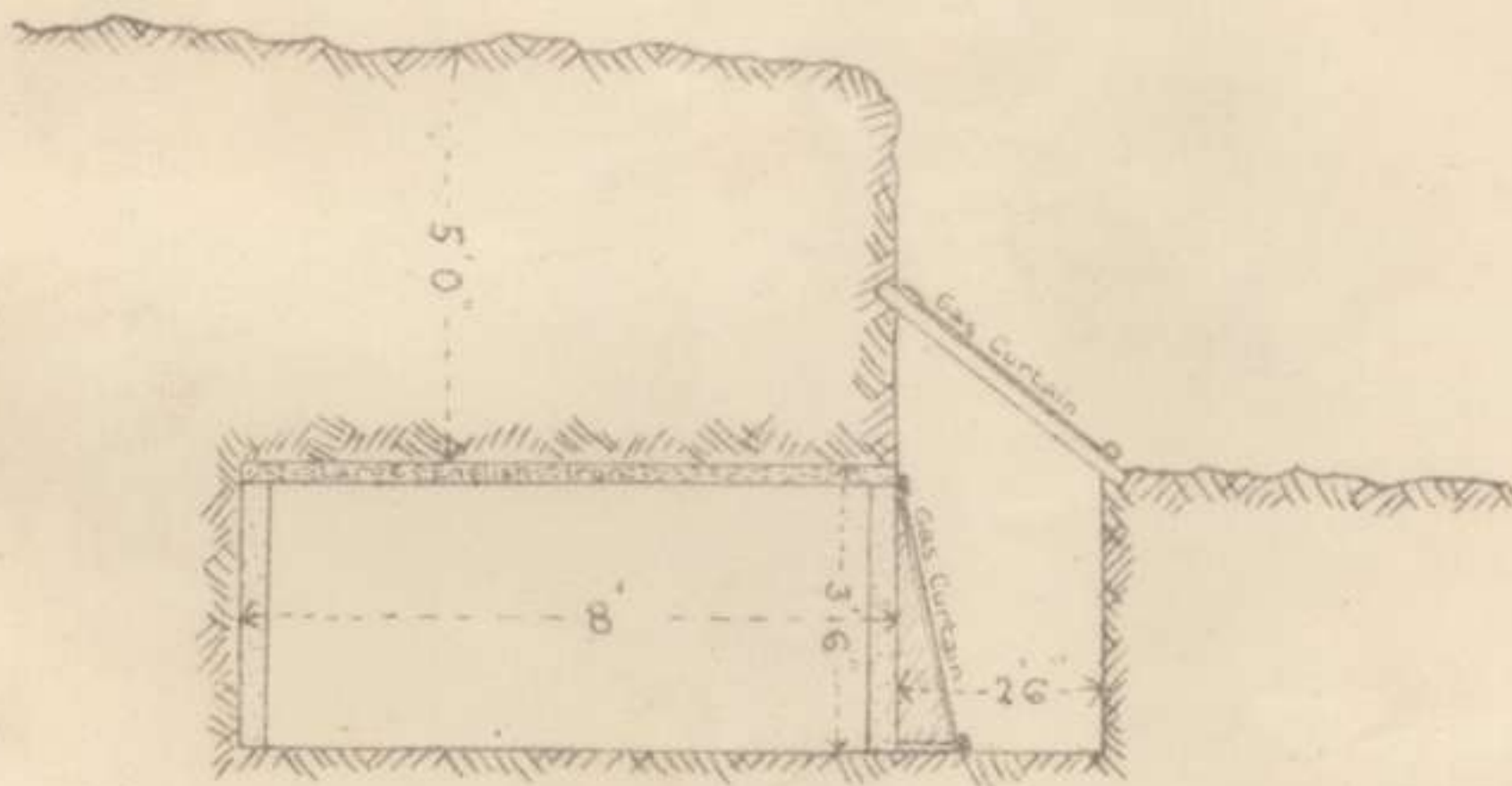
SECTION

of type of shelter dugouts constructed
and gas-proofed at

O 16. b&d. & O 17. b&d.

Appa. No 22

To accompany "WAR DIARY"
for JUNE 1918.



4TH AUSTRALIAN
PIONEER BATTN

No.
Date

PA.

216

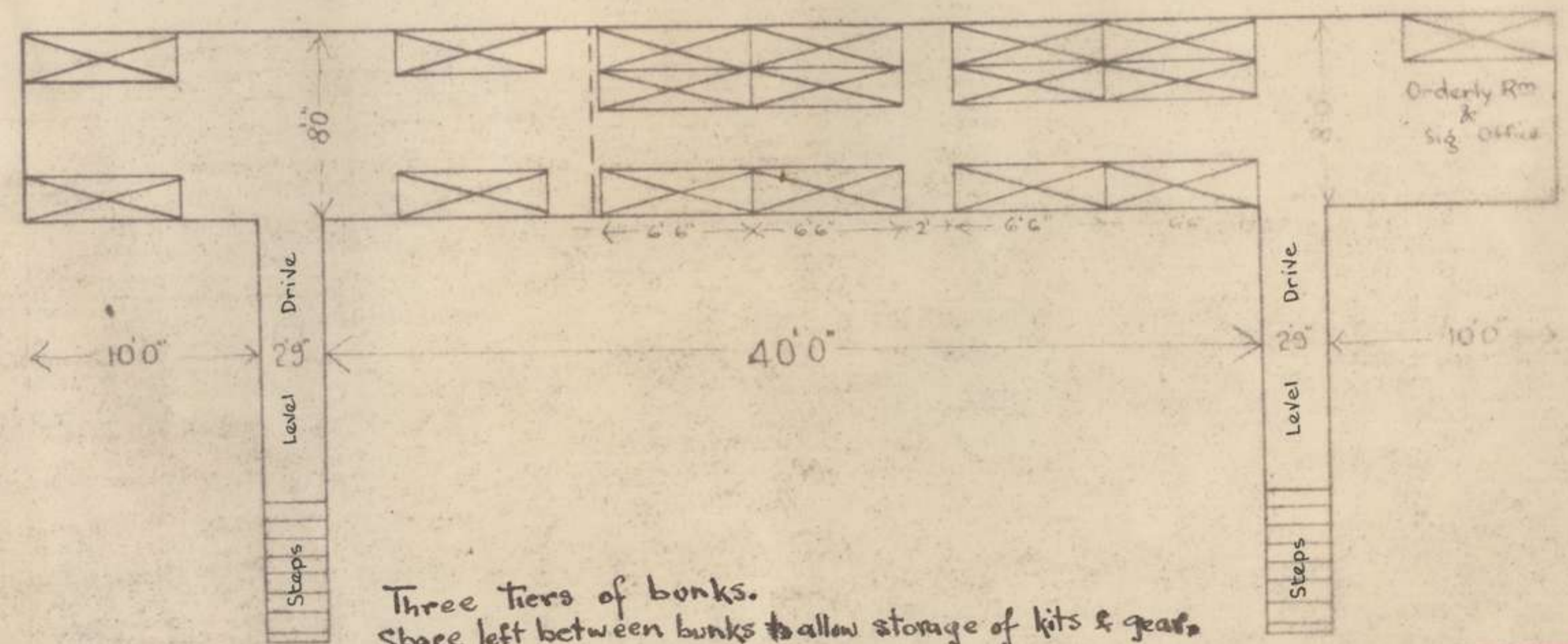
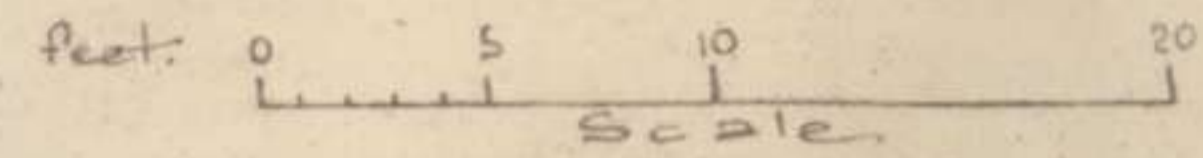
To accompany WAR DIARY

June 1918.

appx No 23

Plan

of B¹ H. Q Tunnelled Dugout Standard type
showing Bunking Scheme



Three tiers of bunks.
Space left between bunks to allow storage of kits & gear.

4TH AUSTRALIAN
PIONEER BATT^N
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APPENDIX

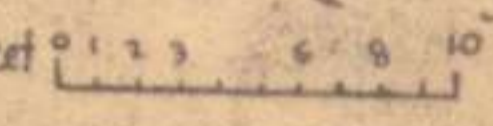
23

34

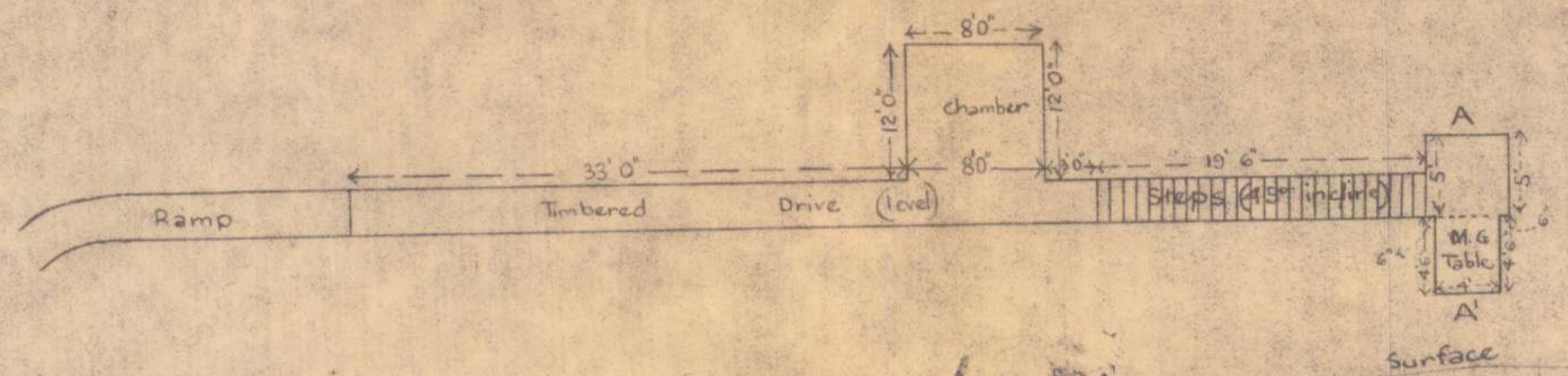
216

APPENDIX 24
35

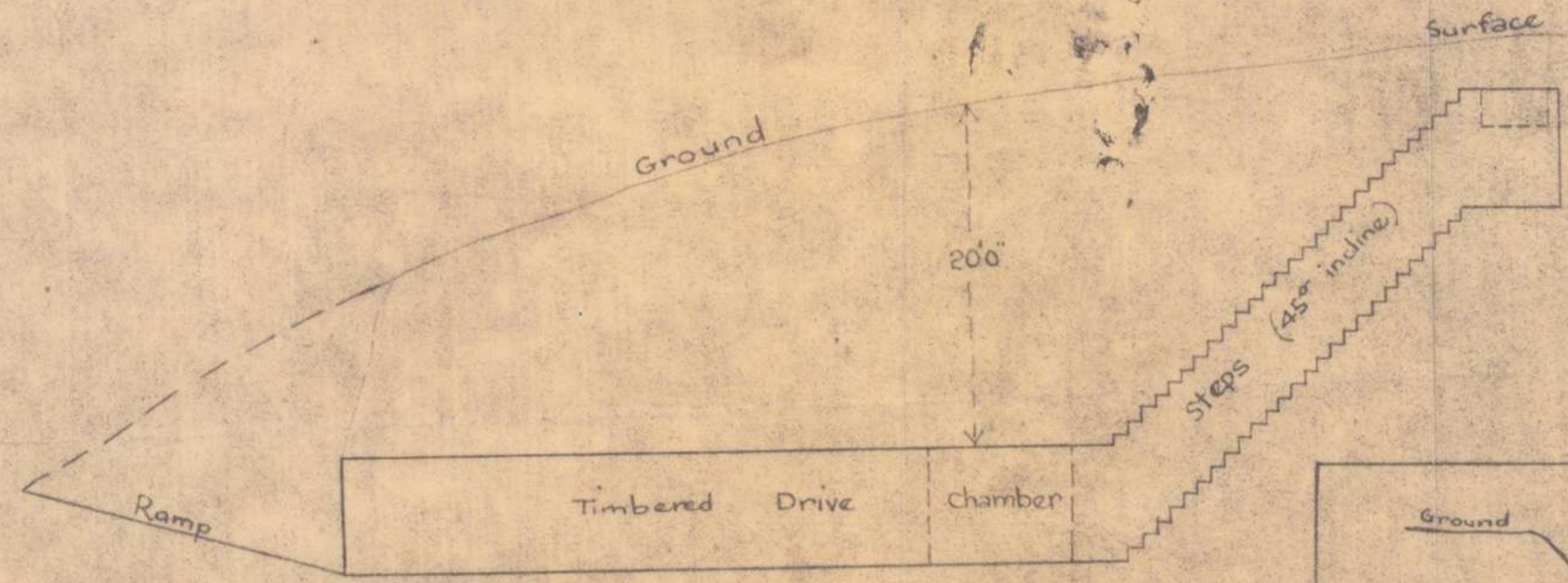
Appendix No. 24

Plan & Section
of M.G. Emplacement & Dugout in construction
at J. 29. c. 56. (Sailly-le-Sec)
Scale = feet 

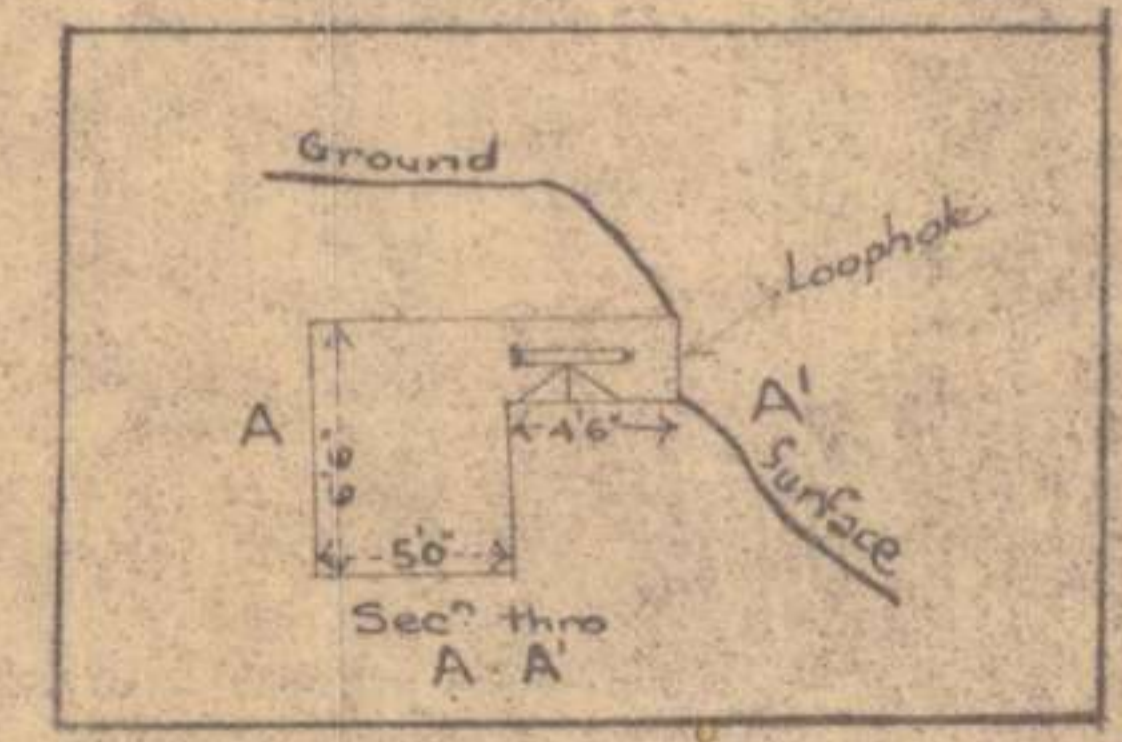
To accompany
War Diary for
June 1918



Plan



Section



4TH AUSTRALIAN
PIONEER BATTALION
No.
Date

216 P.1

JUNE 1918

Appx No. 25.
3/6

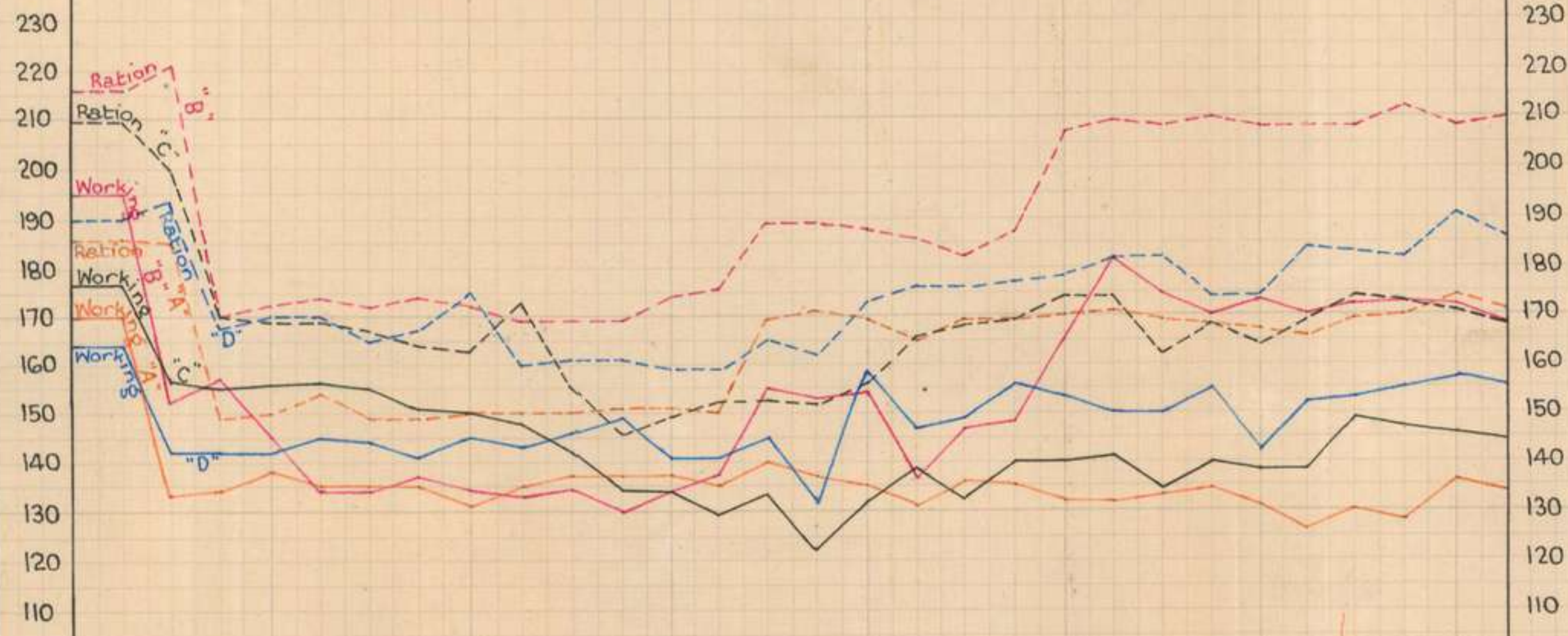
Officers



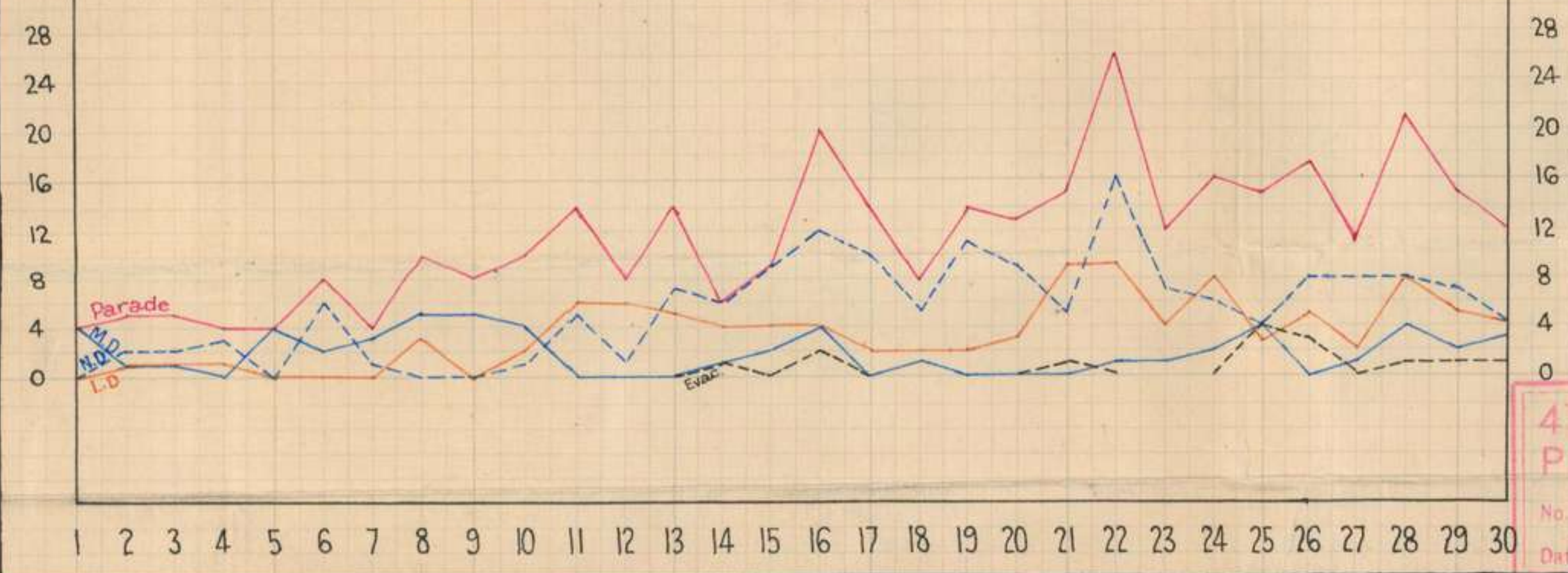
Other Ranks



Company Strengths



Sick



4th AUSTRALIA
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No. *RA*
Date

To Accompany WAR DIARY June 1918

Appx No 26

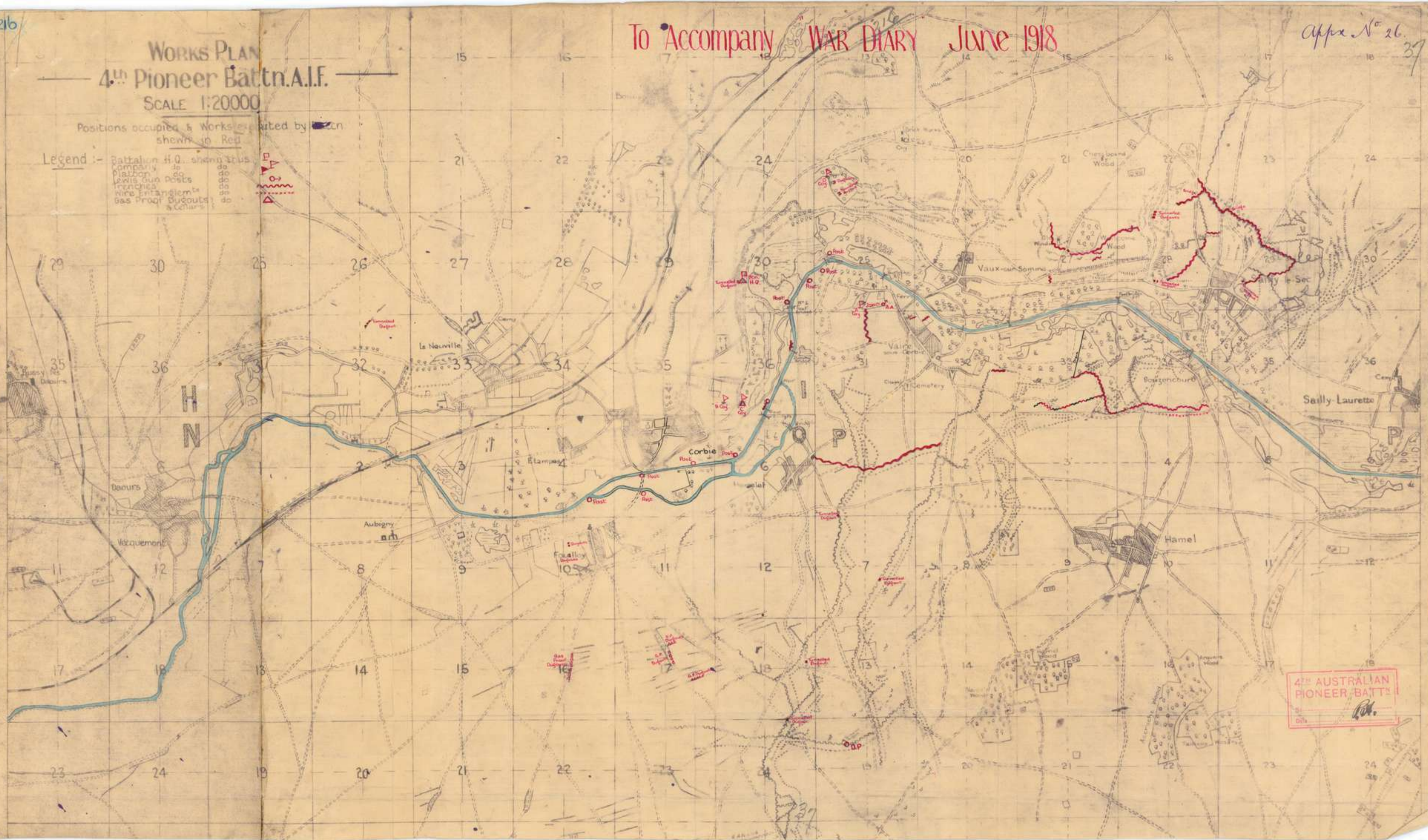
37

WORKS PLAN 4th Pioneer Batta. A.I.F.

SCALE 1:20000

Positions occupied & Works created by [Symbol] shown in Red

- Legend :-
- Battalion H.Q. shown thus [Symbol]
 - Company do do do [Symbol]
 - Platoon do do do [Symbol]
 - Wire Gun Posts do do [Symbol]
 - Trenches do do [Symbol]
 - Wire Entanglements do do [Symbol]
 - Gas Proof Dugouts do do [Symbol]
 - Gas Proof Dugouts do do [Symbol]



4th AUSTRALIAN
PIONEER BATTN
[Signature]