

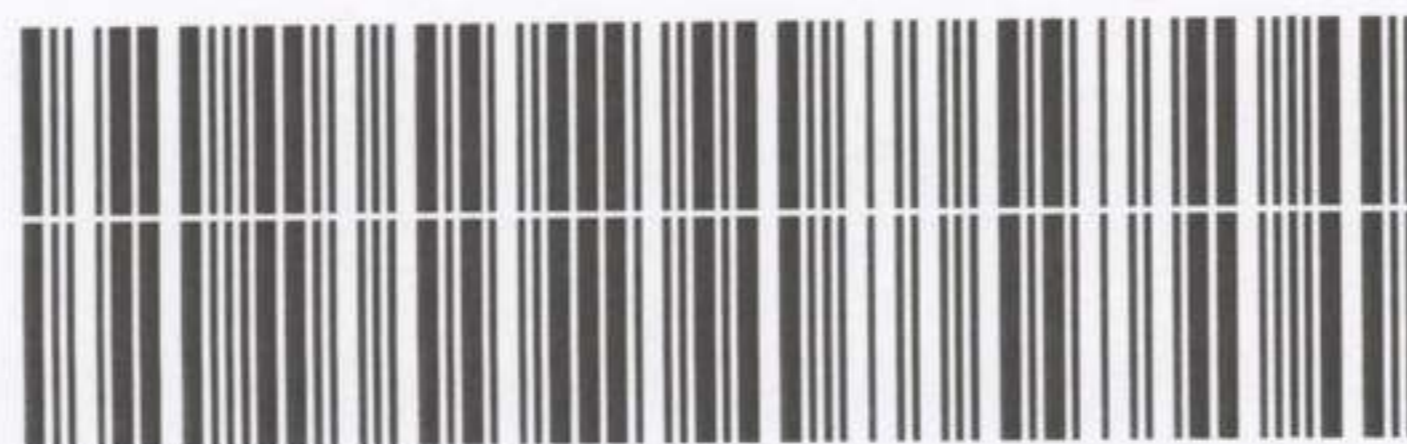
**AWM4**  
**Australian Imperial Force unit war diaries,**  
**1914-18 War**

Tunnelling & Survey

**Item number:** 16/4/36

**Title:** 3rd Australian Tunnelling Company

December 1918



AWM4-16/4/36

WAR DIARY  
OF  
INTELLIGENCE SUMMARY.

(Press heading not required.)

3RD  
AUSTRALIAN  
TUNNELLING COY.

Instructions regarding War Diaries and Intelligence Summaries are contained in F.S. 100 and the Staff Manual respectively. Will be prepared in manuscript. 356

Place	Date	Hour	Remarks and references to Appendices
-------	------	------	--------------------------------------

Summary of Events and Information  
War Diary  
 of  
3rd Aust. Tully Coy.  
 for  
December 1918.

A.B.S.

WAR DIARY

Army Form C. 2118.

or  
INTELLIGENCE SUMMARY.

(Erase heading not required.)

Instructions regarding War Diaries and Intelligence  
Summaries are contained in F. S. Regs. Part III  
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 style="text-align: center;"><u>for</u></p> <p style="text-align: center;"><u>December 1918.</u></p> <p style="text-align: center;"><u>Mr. Capt. G. J. G. Coy.</u></p>	

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

WAR DIARY  
or  
INTELLIGENCE SUMMARY.

(Erase heading not required.)

AUSTRALIAN  
TUNNELLING COY.  
No. 189  
Date

Army Form C. 2118.

356

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
	1918			
	Dec.		<p>The Strength of the Company on 1<sup>st</sup> December 1918 :- A.I.F. 28 Officers 622 OR.<sup>s</sup> BEF. 4 OR.<sup>s</sup> The Company was located in the 1<sup>st</sup> Corps 1<sup>st</sup> Army Area with Hd. Qrs. at Phalempin.</p>	
	Dec.	1   4	<p><u>WORK IN PROGRESS</u> :- "A Section" continued on the repairing of the Masonry Bridge over the Antoin - Pommereul Canal near Peruwelz. (Sheet 44 F21d. 50.00). Also carried on the rebuilding of the demolished bridge on the Callenelle Road at Wiers. Sheet 44 K 4b 10.00). This work was completed &amp; handed over to C.R.E. 58<sup>th</sup> Div. "B Section" completed about 25% of the work in restoring the normal flow in L'Escaut River through the 1<sup>st</sup> Corps area (Sheet 44. J.16a to Sheet 37. O.30C.) "C Section" moved to fresh billets in Phalempin (Sheet 44A. D29a. 9.3.) and engaged in making bunks in billets, repairing lecture &amp; cinema hall &amp; making seats for hall. Sheet 44A. "D Section" Completed building bridge over the Canal at Beloeil on Mons Rd. on 4/12/18 and moved <sup>back</sup> to Phalempin.</p>	

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

WAR DIARY  
or  
INTELLIGENCE SUMMARY.

(Erase heading not required.)

3RD  
AUSTRALIAN  
TUNNELLING COY.  
No. 190  
Dist.

Army Form C. 2118.

356

Place	Date 1918.	Hour	Summary of Events and Information	Remarks and references to Appendices
	Dec.	5    11	<p><u>WORK IN PROGRESS</u>:- During this period a party from each section <sup>of the Company</sup> continued the work of restoring the normal flow on L'Escant River in 1st Corps area. (Sheet 44 J.16a to Sheet 37 O.30c.) This work consisted in clearing wreckage from footbridges, removal of demolished bridges from the channel; the clearing of earth Dam from the channel at 44/O.26a.31: filling the beach in West Bank (at 44 J.3c7.7.) Winches, ropes, pulleys, derricks and explosives were obtained &amp; a pile driving raft with pile driver constructed.</p> <p>A Party from each of "A" &amp; "D" Sections were put on to clear a culvert in Phalempin Railway Station Yard &amp; to fill in craters on the roads. (Sheet 44A. D29a &amp; b.) This work was handed over to French Civilians on 10/12/18.</p> <p>A Party from "D" Section carried on Investigation work in the buildings at Hantay-Annoeuillin and Larvin for mines reported by Civilians. (Sheet 44A B.6c.: B.11: B.12a: C.16b: 1.6d.) No mine traps were discovered.</p> <p>Parties from "A" &amp; "B" Sections were engaged in fitting up lecture &amp; cinema hall. (Sheet 44A D.23d. 10.20)</p> <p><u>COMPANY ORDER</u> 1264:- Notice re application for Scholarships 1267:- 4513 Spr. Willoughby R. E. died at N° 12 Stationary Hospital on 19/10/18. 1268:- Notice re Education Classes. 1269:- Instructors appointed under the Education Scheme. 1270:- Special Order of the Day by Lt Douglas Haig. Appreciation of work of Tunnelling Companies.</p>	

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

WAR DIARY  
or  
INTELLIGENCE SUMMARY.

(Erase heading not required.)

AUSTRALIAN  
TUNNELLING COY.  
No 191  
Date

Army Form C. 2118.

356

Summary of Events and Information.

Remarks and references to Appendices

Place Date 1918 Hour

Dec.

12

18

WORK IN PROGRESS:- A party from each Section of the Company continued on the work of restoring the normal flow in L'Escant River.

Demolished bridges were removed from (Sheet 44 J 9d. 50. 90: 110a 60. 70 :) Sheet 37. V 15d. 20. 10. Debris was moved from No 1 Weir at (V 15a 21. 10.)

The Breach in the West Bank was worked at Sheet 44 (J. 30. 70. 70)

Demolished bridges were also moved from (Sheet 44 D. 26a. 10. 30), (Sheet 37 V 21c. 30. 80) + (Sheet 37. O 30c. 80. 30)

Parties from "D" Section carried out investigation work: 52 large shells totalling 6000 lbs weight were removed from Tourmeignies (Sheet 44 A K. 4b.) and many shells removed from Allenez (Sheet 44 A C. 6b.) These had been de-detonated during the advance in November.

Parties from each Section continued the work of improving billets and lecture hall at Phalempin.

Education

Classes & lectures in connection with the Unit Educational Scheme were continued during this period

COMPANY ORDER 1276:- 970 Sapper Crawford E.A. (M.M.) died at No 39 Stationary Hospital on 12/10/18.

1279:- Major T.W.L. Dard C.M.G., D.S.O. promoted Lieut. Colonel 1/11/18.

1292:- Appreciation reference to work of Tunnelling Coy. by General Birdwood.

1302:- 4300 Sps. Clingins S. died of pneumonia at Chemnitz while prisoner of war on 31/10/18.

# WAR DIARY

or

## INTELLIGENCE SUMMARY.

(Erase heading not required.)

3RD  
AUSTRALIAN  
TUNNELLING COY.

192

Army Form C. 2118.

356

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
	Dec.	19   25	<p><u>WORK IN PROGRESS</u>:- During this period a Composite Section of the Company <sup>Consisting of 4 Officers + 124 men</sup> continued the work of restoring the normal flow of the River Escant. in the 1<sup>st</sup> Corps Area</p> <p>Work consisted in removing debris from N<sup>o</sup> 1 Weir (Sheet 37 V 15d 21.10) :</p> <p>Closing breach in West Bank (Sheet 44 J.32C.90.70) : Removing debris of demolished bridge (Sheet 44. (D 26a 10.30) : (Sheet 37 V 21C.30.80) + also at (Sheet 37 D 30C. 80.30) Repairs to the bridge over Decours River were continued (Sheet 44 D.26a.30.10)</p> <p>A party from "A" Section worked at clearing away the partly hewn trees from the Carwin - Camphin Road, which had been partly hewn down by the enemy to obstruct the road.</p> <p>A composite party continued on the work of fitting up the lecture + recreation rooms + improving the conditions for convenience + comfort.</p> <p>Parades, education classes, lectures, sports + entertainments occupied a fair proportion of this period.</p> <p>Demobilization forms were filled in by all members of the Company.</p> <p><u>COMPANY ORDER 1312</u>:- 914 C.Q.M.S. Austin. T : 1201 2/cpl. Williams W. : 1054 2/cpl. Jupp. S.A. awarded Military Medal.</p>	

AUSTRALIAN  
TUNNELLING BOY.  
No. 193  
Date

Army Form C. 2118.

356

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.

Summary of Events and Information

Remarks and references to Appendices

Place	Date 1918	Hour	Summary of Events and Information	Remarks and references to Appendices
	Dec.	26	<p><u>WORK IN PROGRESS!</u> - The Composite Section, during this period continued on the work of restoring the normal flow of the Escourt Rivier. The work consisted in removing debris from Macoury Bridge at (Sheet 37 O.30C. 8.3) and of the debris of the Stal Bridges at V.21C. 3.8. &amp; (Sheet 44 D26a. 1.3.). This portion of the work was nearly completed. The work of closing the beach in the West Bank at (J32C. 7.7.) was continued. A truck line for filling was laid. Repairs to the bridge over Decours River (D26a. 30.10) were completed.</p> <p>For 5 days a Composite Section was engaged on the construction of platforms in the outskirts of Lens for Aerial Postal Service Signs at Sheet 44A. (N14b. 50.50) : (N14c. 10.50). (N15C. 50.50) &amp; (N20b. 70.20). Names were painted on the platforms.</p> <p>The fitting up of Lecture &amp; Class Rooms was continued. Parades, Education Classes, Lectures &amp; Sports were indulged in. Demobilization forms were considered &amp; dealt with as occasion demanded.</p> <p><u>COMPANY ORDER:</u> <sup>1340</sup> Capt. R.V. Langdon, Capt. J. O. Mc Ardell, Lt. R. J. Cavanagh &amp; Lt. C. C. Shaw awarded the Military Cross - Authority M.S./11/12187 &amp; 22/12/18.</p>	
		31.	<p><u>CORRESPONDENCE R &amp; I:</u></p>	<p>Attached appendices 1 to 39.</p>



COPY .

CONFIDENTIAL

*Appendix 1*

Your No. 2822 of 27/8/18.

To O.C.,  
3rd Australian Tunnelling Company/

Reference the above, 2nd Lieut. J.K. FORRESTER completed 3 months attachment to this Company on 27/11/18.

2nd Lieut. FORRESTER has proved himself a most efficient and capable officer in every respect; he has a thorough grasp of the theoretical and practical aspects of the work and an excellent command of his men.

I think so highly of him that he is on the short list for command of a section should a vacancy arise.

1.12.18.

(Sgd) James A.H. Church,  
Major, R.E.,  
O.C., 251st (T) Coy. R.E.

356

**AUSTRALIAN IMPERIAL FORCE.**

3rd Aust. Tunnelling Coy (Unit)

**RECOMMENDATION FOR PROMOTION OF**

Rank 2<sup>nd</sup> Lieutenant

Surname (in Block Capitals) FORRESTER

Christian Names ,, ,, JAMES KING

to the Rank of Lieutenant

SUBSTANTIVE  
~~TEMPORARY~~

Date of first appointment to A.I.F.

13/8/18

Enlisted 19/9/16

Date of appointment or promotion to present rank

13/8/18

Age and date of Birth..

29 Years.

2/11/89

Will any Officer of Unit be superseded if promotion now recommended is approved?

NO.

If so, names of Officers and reasons for supercession to be briefly stated, and a statement added that the Officers concerned have been so informed

—

**RECOMMENDATION OF O.C. UNIT.**

SUBSTANTIVE

I recommend the above-named Officer for ~~TEMPORARY~~ promotion as stated to fill the vacancy caused by as he has proved himself an efficient and capable officer and I recommend that the promotion be made from 1/1/19

The date on which the vacancy occurred was

Date 10/1/19

Alex. Anderson  
Major

Signature of O.C. Unit.

**RECOMMENDATION OF O.C. BRIGADE** (Divisional Artillery, Engineers, or Train as the case may be, and A.D.M.S. in the case of A.A.M.C. Officers).

I concur in the above recommendation.

Date.....

Signature of O.C. Brigade.

**RECOMMENDATION OF DIVISIONAL COMMANDER.**

Recommended to date from.....

Date.....

Major General,  
Commanding Australian Division.

**DECISION OF G.O.C. AUSTRALIAN IMPERIAL FORCE.**

QUALIFICATIONS

-----oOo-----

9543 Sapper FORRESTER, James King.

Education Public School, Clarendon, Fife.  
Fife School of Mines (4 years' Course)  
Diploma and Medallist  
Glasgow Technical College (1 Session)

Experience 5 years' apprenticeship. Mining Engineer  
Bowhill Coal Company Limited, Fife,  
Scotland.  
2 years' Assistant Surveyor, do.  
2 years Chief Surveyor and Engineer  
Pabang Cons. Co. Ltd. Federated Malay  
States.  
1 year Mine Boss do. do  
15 months Asst. Manager, United.  
Collieries Limited Glasgow.

Military Experience Enlisted <sup>Perth</sup> 19/9/16.  
N.C.O's. School West Australia  
Bombing School do.  
Engineer Officers' Training School,  
Roseville, Sydney. (Recommended for  
Commission.)

Age 28 - Date of Birth 2/11/1889  
Residence of Kin - Father  
Swan St. North Fremantle, wa.  
Date joined Unit - 13/6/18  
Health - Good.

O.C.

3<sup>rd</sup> Australian Coy -

358

Ref. your L12. d/23 Dec. Herewith  
particulars required:-

SUR NAME FORRESTER. (2 direct)

Christian NAMES JAMES KING.

AGE 29. DATE OF BIRTH. 2 Nov. 1889.

DATE OF APPOINTMENT. 13 August 1918.

REGIMENT COMPANY,	
R.E.	
No.	M/3/14
Date	23/12/18

A. J. J. J.

H.R.E.

at birth 25/11/1889. Coy. R.E.

APPENDIX /

256

AUSTRALIAN SECTION  
G.H.Q. 3rd ECHELON  
5th June, 1918.

reply please quote

IS/B

*File*

O.C.,  
2nd AUST. TUNNELLING COMPANY  
-----

With further reference to this Office memo. Aus/B. 144982 of 27th ultimo, it is advised that approval is given, on the recommendation of the C.E., Australian Corps, for the undermentioned Tunnelling reinforcements to be retained with your Unit -

9573 Cpl. Skerritt, A.W.  
9570 Spr. Redmond, H.J.

Please, therefore, despatch No. 9545 Spr. Gartrell, H.W. and No. 9543 Spr. Forrester, J.K. to 1st and 3rd Aust. Tunnelling Coys., respectively, and notify this Office of their departure accordingly.

147429 2.

(SGD) J.W. DONNELLY

Major,  
D.A.A.G.  
Aust. Section.

Copy to:-

OC 3rd Tunn.Co.

O.C.,

3rd Aust. Tunn. Company.  
-----

For information please further to this Office 144984 of 27th ultimo. Sapper Forrester is now being sent to your Unit instead of Skerritt who has been promoted to Cpl. in the 2nd Tunn.Co. A few of Forrester's qualifications are appended hereto.

G.H.Q. 3rd Echelon,  
5th June, 1918.

*J.W. Donnelly*  
Major,  
D.A.A.G.  
Aust. Section.

*At Home  
Please bring up  
when Spr. Forrester  
arrives. A.A. Major  
9/18/18  
Ackd  
Eost*

FCR/T.  
In reply please quote

AUS/B \_\_\_\_\_

AUSTRALIAN SECTION  
G.H.Q. 3rd ECHELON  
27th May, 1918.

*Appendix 2.*

356

O.C.,  
No. 2 AUST. TUNNELLING COMPANY.

Please despatch the undermentioned personnel to  
Tunnelling Companies shown after their names -

No. 9545 Spr. H.W. Gartrell to 1st Aust. Tunn. Company  
" 9573 " A.W. Skerritt " 3rd " " "

The abovenamed reinforcements <sup>proceeded to</sup> joined your Unit from  
Aust. Corps Reinforcement Camp on 20/5/18 and the D.A.G.,  
A.I.F., in his 31/442 of 25/5/18, has approved of their posting  
as indicated above.

Kindly advise this Office of their departure accord-  
ingly.

The undermentioned are to remain with your Unit and  
a few of their qualifications are appended for your information -

No. 9543 Spr. J.K. Forrester  
" 9570 " H.J. Redmond.

(SGD) J. W. DONNELLY Major,  
D.A.A.G.  
Aust. Section.

Copy to:-  
O.C. 1st Tunn. Co.  
O.C. 3rd " "

2.

144984

O.C.,  
3rd AUST. TUNNELLING COMPANY

Sapper Skerritt is being sent to your Company for duty  
as ~~directed~~ <sup>approved</sup> by the D.A.G., A.I.F.

A few of this man's qualifications are appended for  
your information.

G.H.Q. 3rd Echelon,  
27th May, 1918.

*J. W. Donnelly*  
Major,  
D.A.A.G.  
Aust. Section.

*Lt. Horn.*

*Please parade Sapper Skerritt to me  
when he arrives and ~~return~~ bring up these  
papers.*

*31/5/18.*

*Alec Sanderson  
Major  
O.C. 3rd Aust. Tunn. Co.*

356

QUALIFICATIONS APPENDIX 2.

73 Spr. SKERRITT, Alfred William.

Education. King's School, Parramatta, N.S.W.  
B.E. (Mining and Metallurgy) University of Sydney N.S.W.  
Mine Manager's Certificate N.S.W.

Experience. 4 years general mining, Broken Hill, N.S.W.  
Mining Surveying etc. 5½ years Korea, Kapsan Copper Mine  
Underground Manager. Last 2½ years Acting General Manager.

Military Experience. Enlisted 16.4.17. Officers'  
School, Sydney, N.S.W. Engineer's/Training  
(Recommended for commission.)

*File*

135 A.Y.Co. H.E.  
 230 A.Y.Co. H.E.  
 590 A.Y.Co. H.E.  
 560 A.Y.Co. H.E.  
 381 H.D.Co. H.E.  
 337 H.C.Co. H.E.  
 3rd Aus (T) Coy.

It has been brought to notice that many units are not in possession of Horse Age.

Please ensure that these are drawn as early as possible on the scale of one per animal, and report completion to this office.

*H.S. Clouston*

Capt. & Adjutant,

2.18.18.

H.E., I Corps Troops.

*we have by blankets  
G.P.H.*

G.R.E.  
I CORPS TROOPS.  
No. 103/10.

✓

356

*Appendix A*I-of-M.3943.

Controller of Mines,  
First Army.

-----

The following is the text of a telegram received from the Armistice Commission, SPA:-

To:- G.H.Q. No.A.C.99. 30/11. Senders No. Ia/57385.  
In continuation of my A.C.90 AAA The following has been received from German Mission begins AAA The delay action fuze for 15 c.m. Artillery and Trench Mortar Shells are marked with a star AAA No delay action fuzes exist for Field Artillery ammunition AAA Delay action fuzes for demolition purposes used by the engineers (C.M.fuzes) are cylindrical in form and are inserted in the charge in the same way as detonators AAA Drawings and pictures will be forwarded AAA ends.

General Haking.

Sd/ H.R.DIXON, Capt.R.E.,  
for Inspector of Mines.

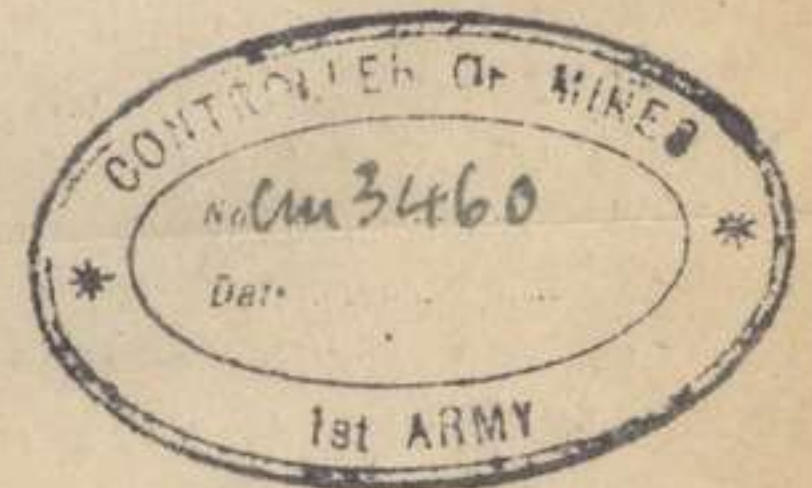
G.H.Q.,  
1.12.18.

- 2 -

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

-----

For your information.



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

*Gide*  
Army, H.Q.,  
3.12.18.



356

First Army No. 1704/24 (G).

I Corps.  
-----

With reference to attached copy of G.H.Q. letter T/2176/L dated 29th November, will you please send in as soon as possible a return of the number of magic lanterns belonging to formations and units in the formation under your command, and supply an estimate of your requirements specifying proposed distribution.

First Army.  
1st December 1918.

(Sd). H.M.M. ORICHTON, Lt.Col.  
for, Major-General,  
General Staff, First Army.

T/2176/L.

First Army.  
-----

Enquiries are being made with regard to the supply of Magic Lanterns. It is hoped that it may be possible to obtain some from England for the use of Armies.

Please send in a return of the number of Magic Lanterns belonging to formations and units within the Army, and supply an estimate of your requirements.

General Headquarters.  
29th November, 1918.

Sd., C.M. HEADLAM, Lt.Col.  
for, Lieutenant General,  
C. G. S.

First Army Wire No. G.M.53. dated 2nd December.

Continuation of my 1704/24 of 1st Decr. Returns of Magic Lanterns will state type of illuminant whether (A) Electric Arc stating current in amperes AAA (B) Acetylene stating number of burners AAA (C) Incandescent petrol gas AAA (D) Oil stating number of wicks AAA Added all concerned.

First Army 0955.

X X X X  
C.R.E., Corps Troops.

-----  
No.321 G.T. dated 2nd December, 1918.  
-----

G.R.E.,
I CORPS TROOPS.
114 5/2

The attached letters and the above First Army wire are forwarded for information and necessary action.

The particulars required will be forwarded to this office without delay.

Sgd., G.A. RICHARDSON, Major.  
for Brigadier General,  
General Staff, I Corps.

O.C., *Ind Ans (M) Coy Lt*

For information. Please furnish particulars required to reach this office by 11th instant.

*ackd file it*

*H.S. Clouston*  
Capt. & Adjutant,  
R.E., I Corps Troops.

Appendix 6

356

OC

3rd Aust Tunnelling Coy,  
CHEM

Reference attached  
Memo no G 633 of 25/11/18  
received on 1/12/18 by me through  
your date 30/11/18.

The following are the  
particulars viz

		Shells
① SHEET 38 M 29	50.50	3 removed
② M 35	50.60	nil X
③ M 36	50.10	nil
④ M 29	50.20	2
		5

Total shells removed 5. At the  
other spots no shells existed  
or where blown viz as indicated  
by an X at no 2.

3.  
12/18

Victor H. [unclear]  
OC II Sec.

APPENDIX

6

45th Infantry Brigade No. G. 633 - 25/11/18.

3rd Australian Tunnelling Company R.E.

The following are map references of  
unexploded mines that have not yet been extracted.  
Will you kindly deal with these and notify these  
Headquarters when they have been removed:-

Sk 38 M.29.c.c. central.  
" " M.35.a.a. 50.60.  
" " M.36.a.a. 50.10.

WJ

Captain,  
Brigade Major, 45th Infantry Brigade.

Re. "D" Section

for action and reports on completion.

Recd 1/12/18

CO. 3rd Aust. Tunn. Coy.

Quod 31/12/18

WJ

File

E.in C. RE/12206.  
C.E., First Army, 2848/24.

C.E., I Corps No. 3051.

C.E., First Army.

As soon as opportunity occurs would you kindly call upon C.Es. of Corps, C.R.Es and Company Commanders to send in such record of their experiences during the retreat in March-April, and in mobile warfare in the recent advance, as would be of service in re-writing SS.145 "Engineer work during operations", which refers mainly to an offensive with a limited objective, so as to include retirement and advance in open warfare.

20.11.18.

Sgt., J.E. EDWARDS, Col.,  
For, E.-in-C.

-2-

C.E., I Corps.

Will you please call for reports asked for and forward in due course.

22.11.18.

Sgt., H.H. WHEATLEY, Major, R.E.  
S.O.R.E.

-3-

O.C., 135 A.T.Co. R.E.,  
250 A.T.Co. R.E.,  
290 A.T.Co. R.E.,  
560 A.T.Co. R.E.  
3rd Aus. (T) Coy. ✓

C.R.E.	
I CORPS TROOPS.	
No.	1147

Please let me have your reports by 29th inst.

26.11.18.

*N.S. Clouston*  
Capt. & Adjutant,  
R.E., I Corps Troops.

356

O.C., 560 A.T.Co. R.E.  
3rd Aus. (T) Coy.

C.R.E., Corps Troops No. 1147.

*Appendix 7*

Please expedite report called for by

this office No. as above dated 26.11.18.

3.12.18.

*N.S. Clouston*  
Capt. & Adjutant,  
R.E., I Corps Troops.

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

*Forwarded*  
*File*

*Appendix 8.*

SPECIAL ORDER OF THE DAY by Field Marshal  
Sir DOUGLAS HAIG, K.T., G.C.B., G.C.V.O.,  
K.C.I.E., Commander-in-Chief, British  
Armies in France.

=====

A large number of men are now being withdrawn from Tunnelling Companies for urgent work at home.

Before they leave the country I wish to convey to the Controllers of Mines and to all ranks of Tunnelling Companies, both Imperial and Overseas my very keen appreciation of the fine work that has been done by the Tunnelling Companies throughout the last four years.

At their own special work, Mine Warfare, they have demonstrated their complete superiority over the Germans, and whether in the patient defensive mining, in the magnificent success at MESSINES, or in the preparation for the offensives of the SOMME, ARRAS & YPRES, they have shewn the highest qualities both as Military Engineers and as fighting troops.

Their work in the very dangerous task of removing Enemy Traps and Delay action charges, on subways, dugouts, bridging, roads, and the variety of other services on which they have been engaged has been on a level with their work in the mines.

They have earned the thanks of the whole Army for their contribution to the defeat of the enemy. Their fighting spirit and technical efficiency has enhanced the reputation of the whole Corps of Royal Wngineers, and of the Engineers of the Overseas Forces.

I should like to include in the appreciation the work done by the Army Mine Schools, and by the Australian Electrical & Mechanical Mining and Boring Company.

GENERAL HEADQUARTERS,  
4th December, 1918.

Sd/ D. HAIG,  
F.M.,  
Commander-in-Chief,  
British Armies in France.

356

U R G E N T .

C.M.3474  
First Army.

- O. C.,
  - 172nd, 175th, 176th, 179th Tun. Coy., R.E.
  - 185th, 250th, 253rd, 257th " " "
  - 3rd Australian Tunnelling Company. ✓
  - New Zealand Tunnelling Company.
  - First Army Mine School.
- 

The following information is urgently required

- (i) Number of Exploders Dynamo Electric
- (ii) Number of Boxes Testing and Jointing
- (iii) Wheatstone bridges

held on charge additional to unit equipment.

Army, H.Q.,  
5.12.18.

*ACB Malcolm Smith*  
 Captain R.E.,  
 for Controller of Mines,  
 First Army.

✓  
 ✓

APPENDIX

10

*Appendix 10*

AUSTRALIAN IMPERIAL FORCE



Headquarters, A.I.F.,  
Care H.Q., Fifth Army,  
6th December, 1918.

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

Please forward to this office as soon as possible a return showing the names of officers and numbers of other ranks of your unit who are over the age of 45 years.

*H D Wynter*

Lieut.-Colonel,  
A.A.G., A.I.F.

*File*

3RD AUSTRALIAN TUNNELLING COY.	
No. ....	3584
Date .....	8-12-18

956  
 Controller of Mines,  
 FIRST ARMY.

Replying your C.M. 3426, please.

1. Number of Bridges constructed by 3rd Australian Tunnelling Company since 8-8-18, as under :-

- (a) Heavy Bridges:- 17 tons Axle load - 5.
- (b) Light Bridges:- 7½ " " " - 2.

2. Total of Mines, traps, etc. removed since 8-8-18, as under :-

Description.	No. of Mines.	Approx. Weight.	Remarks.
		lbs.	
(a) Enemy Land Mines.	1142	211,700	Mostly Anti-tank Mines.
(b) Enemy Delay Action Mines.	56	9,280	(4 Mines under roads. (44 " " railways. ( 8 in dugouts & cellars.
(c) Enemy Demolition Charges.	1707	392,015	(Largely for Road and (Railway demolition.
(d) Other enemy traps.	21	900	
Total	2926.	613,895 lbs.	
	No.	Weight.	
(e) Enemy Gas Shells removed.	157	8,260 lbs.	
(f) British demolition charges removed.	16	5,160 lbs.	

3. List of immediate Honours and Awards obtained by 3rd Australian Tunnelling Coy since 8-8-18, as under :-

Military Crosses	2.
D.C.M.	1.
M.M.	6.

*Alex. Anderson*

Major,

C.O. 3rd Australian Tunnelling Company.

C.R.E.,

I CORPS TROOPS.

356

Appendix 12.

3RD AUSTRALIAN TUNNELLING COY.	
No.	3583
Date	8-12-18

Herewith, please, reports and plans in connection with the u/m Bridges:-

- (1) Beloeil Bridge.
- (2) Peruwelz Bridge Repairs.
- (3) Weirs Bridge.

BELOEIL BRIDGE.

On Beloeil-Mons Road over Platen-Ath Canal.

Map Ref.:- Sheet 45. B.9b 10.60.

Load:- Axle load of 17 tons.

Description:- One class "A" Steel Girder 64 ft span with one shore span (Timber) of 16 ft at each end. Two double trestle piers (Timber) and two short single trestle abutment piers.

Built by 3rd Australian Tunnelling Coy. C.O. Major Sanderson A. (M.C.)

Working party table:-

Description of Work.	No. of O.R's employed			Remarks.
	Men.	Hours.	Man hours.	
1. Abutments.	30	23	690	
2. Piers:-				
(a) Making trestles.	11	72	792	Mud cells <sup>are</sup> reinforced with concrete slabs 6' x 20" x 2"
(b) Erecting Trestles.	12	10	120	
3. Steelwork span:-				
(a) Erection of Girders	20	28	560	
(b) Fixing Decking	12	7	84	
4. Fixing Anchorages and erecting Launching Gear	12	12	144	
5. Launching	60	4	240	
6. Shore Spans:-				
Fixing stringers & decking of shore spans.	12	12	144	
7. Approaches	15	10	150	
8. Painting & Maintenance	3	8	24	
			2948.	

Plan and Section attached.

PERUWELZ BRIDGE REPAIRS.

On Peruwelz-Leuze Main Road over Anteing-Pommerieul Canal.

Map Ref.:- Sheet 44. F.21d 50.00.

Load to be taken:- Axle load of 17 tons.

Description:- Masonry Bridge 26 feet wide, of three brick arches. Centre span 34'4". End spans each 30' 3". End span arches cracked ~~xxxxxxx~~ transversely. These were strutted as shown on plan. Centre span arch had 6 feet blown off one side and 4 feet off other side, leaving 16 feet width of arch solid. The broken portion was repaired with timber as shown.

Repaired by 3rd Australian Tunnelling Coy. C.O. Mjr A. Sanderson, M.C. Average No. of men employed:- 60 men for 160 hours - 9,600 Man hours.

Plan and Section attached.



Weirs Bridge.

On Peruwelz - Calconelle Road at weirs.

Map Ref.:- Sheet 44.K.4d 20.95.

Steel I beam bridge of 13 feet span ~~xxxx~~ x 20 feet wide had been partially destroyed.

Timber span 8 feet wide erected, and 13 feet width of old steel bridge replaced - making a total width of 21 feet.

Load to be taken:- Axle load of 17 tons.

Work nearly completed when handed over to C.R.E 58th Division on 2-12-18.

Men employed:- 24 for 75 hours = 1800 Man Hours.

Plan and Section attached.

8-12-18.

C.O. 3rd Australian Tunnelling Coy. Major.

356

Copy.

Appendix 13.

C.E. I CORPS.  
3332/6/54.

C.R.E.  
I Corps Troops.

The following extracts from Chief Engineer, Fifth Army, Circular No 26 are forwarded for information and guidance.

BRIDGING.

8. LOADS.

No bridge intended for permanent use on an Army Priority Road should be built to take less than 17 ton Axle loads. Divisional Engineers should be instructed to re-build culverts on such roads to carry this load.

It may be taken as a general rule that Divisional Engineers should undertake fixed and floating Bridges up to 5 1/2 tons Axle loads and Culverts for 17 ton Axle loads, and that Corps Engineers should build all kinds of Bridges for 17 ton loads and upwards.

There can be few instances in which bridges for lighter loads are desirable or permissible. Bridges on main roads for 8, 10 and 13 ton Axle loads are likely to lead to accidents.

15. The importance of the following should not be overlooked:-

- (i) Immediate clearance of debris of old bridges. The use of explosives will commonly be the quickest method. Clearance before bridge erection begins will save much labour later on, when opening up the waterway is often an urgent matter to prevent flooding.
- (ii) Precise orders to parties on clearing away debris.
- (iii) Good organization of work on abutments.
- (iv) Correct adjustment of road and bridge floor levels to avoid jolting on and off the bridge.
- (v) Provision of high and thick screens to prevent horses seeing the water before traffic is allowed to cross.
- (vi) Early commencement of repairs to or new approach roads as necessary.

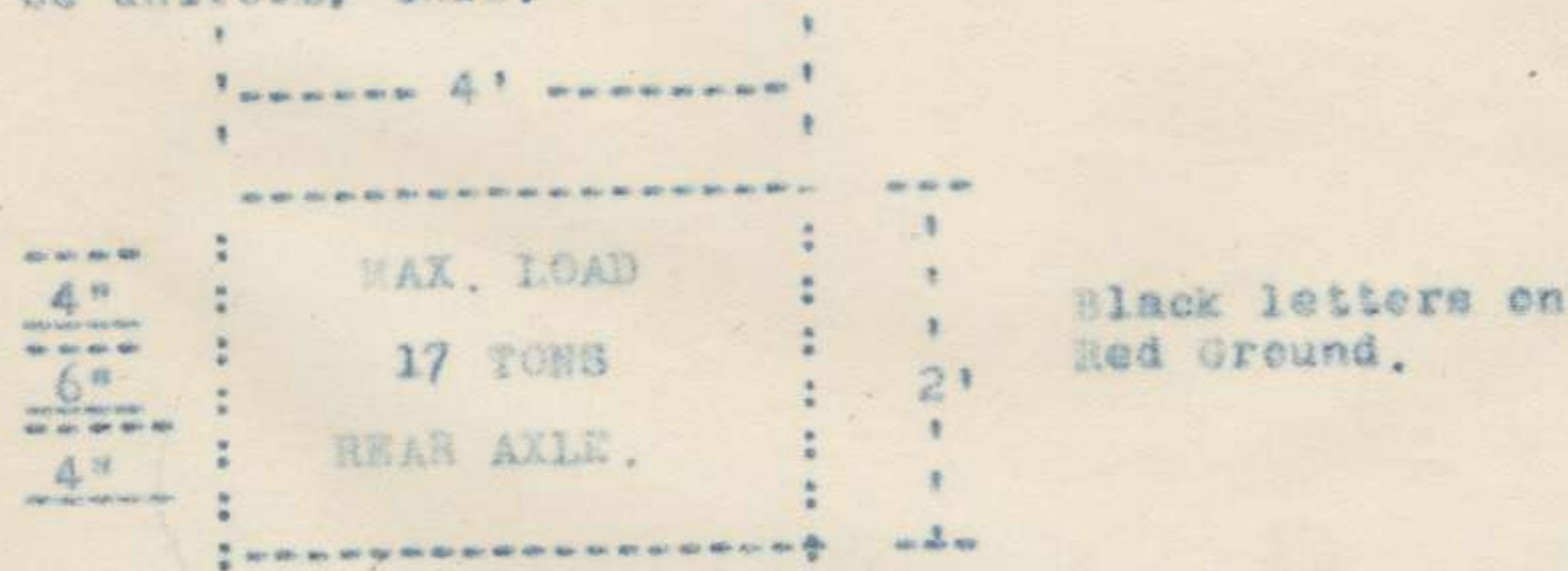
16. REMOVAL OF TEMPORARY BRIDGES.

Pontoon and Inglis Bridges should be replaced by permanent structures for use further forward as soon as they have served their purpose.

Great care is required in the use of both these bridges to avoid damages and losses which are always difficult and sometimes impossible to replace.

18. HEAVY BRIDGE NOTICE BOARDS.

These should be erected before traffic begins. They should be uniform, thus:-



8-11-18.

Chief Engineer, I Corps.

For information, please, and necessary action.

9-11-18.

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

356

C.R.E..

3593

9-12-18

I CORPS TROOPS.

Reference year 1145 of 25-11-18.

A Unit Committee of Officers and Other Ranks has been formed as suggested.

Concerts.  
Lectures.  
Debates.  
Whist Drives.  
Dances.  
Football.

Boxing and other competitions are being arranged.

A large hall has been obtained for Cinema, Lantern Lectures, etc., and is now being fitted up.

Any novel ideas which are found to be successful will be reported so that they may be tried by other Units.

Major,

C.O. 3rd Australian Tunnelling Coy.

*Appendix 15.*

Chief Engineer,  
I CORPS.

3590  
9-12-18

Herewith, please, report on Investigation work in I Corps Area during the advance up to the Armistice Line.

Also recommendations for awards of Military Medals to three O.R's. Recommendations for awards to Officers have been sent forward through the Controller of Mines.

*Alex. Sanderson*

Major,

C.O. 3rd Australian Tunnelling Company.

*File 15*

## Appendix 16.

O's C.  
 "A" Section.  
 "B" "  
 "C" "  
 "D" "

The work on the Escout will be divided equally between the four Sections of the Company.

Each Section will supply a party of One Officer 3 N.C.O's and 27 Sappers.

Capt. J.O.O. McArdell will be in charge of the work. While he is on leave, Lieut. H.P. Wallman will take charge. Lieut. O.R. Howie, M.C., will complete handing over to Lieut. H.P. Wallman by 16-12-18 and return to Headquarters.

Lieut. T. Taylor will be temporarily transferred to "A" Section and will take charge of "A" Section party.

The relief will be carried out in accordance with the following instructions:-

O.C. "A" Section will detail

	1/3rd	of his party	to leave	H.Q.	at	07.45	on	13-12-18.
	1/3rd	"	"	"	"	"	"	by ration Lorry at 07.45 on
								15-12-18
balance	"	"	"	"	"	"	"	17-12-18.

O.C. "C" Section will detail

	1/3rd	of his party	to leave	H.Q.	by	ration	lorry	at	07.45	on	13-12-18.
	1/3rd	"	"	"	"	"	"	"	"	"	15-12-18
balance	"	"	"	"	"	"	"	"	"	"	17-12-18.

O.C. "D" Section will detail

	1/2	of his party	to leave	H.Q.	by	ration	lorry	at	07.45	on	14-12-18.
balance	"	"	"	"	"	"	"	"	"	"	16-12-18.

The whole of "B" Section less the party mentioned above will return to Headquarters according to the following instructions:-

	1/5th	of the Officers & O.R's	to be returned	will leave	Bruyelle	by	ration	lorry	on	13-12-18.
1/5th	"	"	"	"	"	"	"	"	"	14-12-18. (14th)
1/5th	"	"	"	"	"	"	"	"	"	15-12-18.
1/5th	"	"	"	"	"	"	"	"	"	16-12-18.
balance	"	"	"	"	"	"	"	"	"	17-12-18.

All men sent to work on the canal will, as far as possible, be picked from those who do not intend to participate in the Educational Classes which are now being commenced, or who in the opinion of O's C. Sections will least benefit by attending those classes.

Men over 45 years of age will remain at Headquarters.

As far as possible only good conduct men will be detailed to go to the Escout.

Nominal rolls of the parties will be submitted by O's C. Sections on 12-12-18.

Half of the Canal parties will be brought to H.Q. on 22-12-18 and the other half on 24-12-18, returning on 26-12-18 and 28-12-18 respectively. O.i/c Canal Parties and O's C. Sections will arrange accordingly.

Captain H.W. Brown will make all arrangements for the reception and billeting of "B" Section men in the Brasserie as they return in accordance with above.

O.C. "E" Section will pass these instructions to Capt. Brown to note.

O.C. Canal Parties will billet "A" Section ~~at "Bleharies"~~ party at "Bleharies", "B" & "D" Section parties at "Bruyelle", and "C" Section party at "Tournai".

*Alex. Sanderson.*

Major,

C.O. 3rd Australian Tunnelling Coy.

11-12-18.

356

Appendix 17.

I Corps No. 733 (G.O.).

All copies of the B.A.B. Trench Code should be destroyed by fire forthwith, and notification made to this Office when this has been done.

*W. S. ...*  
for Brig: General,  
General Staff, I Corps.

11th December, 1918.

Copy to all recipients of B.A.B. Trench Code.

✓ Done  
J. H. ...

I Corps No. Q.947.

D.B.R., First Army.

Notification has been received from the War Office, that no Mares are to be selected from Dominion or Colonial Units.

7.12.18.

Sgd., J.H.NORTON,  
Major,  
D.A.D., Remounts.

356

2.

x x x x  
x x x x  
C.R.E., Corps Troops.

For information. Reference Corps Routine Order 3629.

I Corps H.Q.,  
/12/18.

Sgd., J.BUCKLEY,  
Major,  
D.A.Q.M.G., I Corps.

3.

O.C., 3rd Australian (T) Coy.

For information.

12.12.18.

G.R.E.  
I CORPS TROOPS.  
348

*W.S. Clouston*  
Capt. & Adjutant,  
R.E., I Corps Troops.

APPENDIX 18

First Army H589 A.

I Corps No. A.574.

1.

I Corps.

With reference to G.R.O. 5685 and G.R.O. 5687 please note that although the severe restrictions previously in force as regards the use of cameras and making of sketches have been relaxed, individuals taking photographs or making sketches, plans, etc., are still subject to the "Official Secrets Act 1911" (N.Y.L. pp.729) and that the G.R.O.s mentioned above are in no way intended to preclude you from enforcing any local restrictions which you may consider essential for the safety of the Army and the interests of the State.

Attention is also directed to L.S. 711 and 712. (A.G. G.R.O. No. 26/981/PS., dated 1/12/1918).

H.Q. First Army.,  
8/12/18.

Col., F.H. Jenney, Lt.-Col.,  
R.A.G., First Army.

2.

X X X X X  
X X X X X  
C.R.E., Corps Troops.

For information.

I Corps H.Q.,  
10.12.18.

Maj., ... THOMPSON, Major,  
R.A.G., I Corps.

3.

O.C., 185 A.T.Co. R.E.  
230 A.T.Co. R.E.  
299 A.T.Co. R.E.  
340 A.T.Co. R.E.  
331 R.C.Co. R.E.  
337 R.C.Co. R.E.  
3rd Aust. (E) Co. R.E. ✓

C.R.E.  
CORPS TROOPS  
1171

For information.

*File*

*W.S. Clouston*

12.12.18.

Capl. & Adj. ...  
R.E., I Corps Troops.



*File*

*Appendix 20.*

Officer Commanding, R/1291/18  
3rd Australian Tunnelling Company.

\*\*\*\*\*

With reference to your No.3604 dated 13-12-18;  
one lorry has been detailed as requested to replace the  
one evacuated.

The second lorry, 36789, requires a complete overhaul  
which will take at least 14 days, and owing to the great  
amount of work at present on hand in Mobile Workshops it  
will be about the 28th at the earliest before this  
vehicle can be ready for the road.

*C. E. McWilliam*

December 16th 1918.

Lieut.-Colonel,  
S.M.T.O., I Corps.

APPENDIX 21

Appendix 21.

3606  
17/12/18

356

Control of Mines  
First Army.

Please see report  
by Lt Ashcroft hereunder  
The suggestion that  
all such requests  
should come through  
the local Civil Authorities  
I think sound as  
a lot of unnecessary  
work would thereby  
be saved.

W.A. Sanderson  
Major  
CO. 3rd Aust Tunn Co.

File

COPY.

Appendix 21.

O.C.  
"D" Section/

As instructed I visited HANTAY to-day and investigated the spot of the explosion as reported and also several cellars.

In company with the Maire (M. Lefebvre) I went to the place where the explosion occurred B.6.c.60.05 (Sheet 44B). There had apparently been a small stack of special nose caps for tank traps here also a few enemy hand grenades and some rifle ammunition. One is unable to say how the explosion occurred, but from evidence gathered and the location of the spot it was not likely to be caused by any delay action device. Possibly a grenade was thrown near the spot. At the request of the civilians I also inspected several cellars but these had already been passed by the 170 Tunnelling Company as they bore their "considered safe" notices.

I would like to suggest as a precaution - that before any request is investigated it should first come through the Maire of the village, as in the case of several of the places I have visited lately it really was quite unnecessary to do so.

I also saw the writer of the request (Louis Beghin) and satisfied him.

(Sgd) R.G.B. Ashcroft, Lieut.,  
3rd Australian Tunnelling Company.

Appendix 22

3rd  
AUSTRALIAN  
TUNNELLING COY.  
No.....  
Date...3613.....

17-12-18

*Copy* 356  
D.A.A.G.,  
Administrative Headquarters, A.I.F.  
130 Horseferry Road,  
LONDON S.W.1.

Reference attached application by Captain A.C.MORRIS.

The applicant has been 3 years on Active Service and requires a refresher course. He is a good officer, energetic, industrious, and would benefit by such a course.

I recommend that a scholarship be granted to him.

*Alex. Sanderson*  
Major.

C.O. 3rd Australian Tunnelling Company.

*File*

*Copy**Appendix 23:*

D.A.A.G.  
 Administrative Headquarters A.I.F.  
 130 Horseferry Road,  
 LONDON, S.W.1.

3RD AUSTRALIAN TUNNELLING COY.	
No.	3612
Date	17-12-18

Reference attached application by Captain Chaplain the  
 Rev. W.J. GRAY.

The applicant is doing excellent work as Chaplain and also  
 as Education Officer of this Unit. I would be pleased if a  
 scholarship can be granted to him although I would very much regret  
 losing his services at the present time.

Perhaps it may be possible to arrange a scholarship for him  
 at a later date. He is an excellent officer and would greatly  
 benefit by it.

Major,

C.O. 3rd Australian Tunnelling Company.

*File*

356

APPENDIX 24

*Appendix 24*



D.A.A.G.,  
Aus. Section,  
G.H.Q.

-----

Reference your Aus/B 1515, herewith No. 1205,  
Corporal WILSON, H. of this Unit to report to Fire Expert, G.H.Q.,  
for duty.

23/12/18.

*J. Hornum* Major,  
C.O. 3rd Australian Tunnelling Coy.

- (1) A reconnaissance of portion of the Queant-Dreccourt Line which passes through 1 Corps Area is required.
- (2) To undertake this two parties made up as under will leave H.Q. by Lorry at 9 a.m. on MONDAY, 30/12/18, carrying 5 days' rations.  
No. 1 Party. Capt. H.W. Brown, Lieut. Warlow-Davies and 2 Servants, 1 N.C.O. and 4 men from No. 2 Section.  
No. 2 Party. Capt. J.O. McCardell, Lieut. R.G.B. Ashcroft, 2 servants, 1 N.C.O. and 4 men from No. 2 Section.
- (3) The work will be divided into two portions, the Northern half on Sheet 44A.N.W. from G66.50.00 to junction of line with Lens-Carvin Road at H.56d.50.00 will be reconnoitred by No. 1 Party who will billet at or near WIGLES.  
 The Southern half on Sheet 44A.S.W. from H.6.b.50.100 to junction of Dreccourt-Henin Lietaux Road at U10a 90.00, will be reconnoitred by No. 2 Party who will billet at or near G66b on Mentigny-Harnes Road.
- (4) Information is required as to positions and field of fire of all Heavy and Light Machine Gun and F.M. emplacements; positions of dugouts; Headquarters, Signal Stations, etc., with their details of capacity and accommodation for troops. Special attention should be paid to the wire, depth, quantity, alignment and design.
- (5) Portions of the Line of particular interest will be especially noted as these will be subsequently surveyed in detail if they merit it and possibly models will be made.
- (6) The reconnaissance will be very carefully made from end to end so that no well designed portion nor work of interest shall escape attention.
- (7) One N.C.O. and 2 O.R.'s out of each party are sent for the purpose of collecting exhibits for the Australian War Museum and should be occupied exclusively on this work.
- (8) During the absence of Lieut. Warlow-Davies his place will be taken by Lieut. D. Wentworth.

.....

*E. Horn*

Lieutenant, Adjutant,  
for Majors

28/12/18.

C.O. 3rd Australian Tunnelling Company.

256

Appendix 26.

No. 3618.

Controller of Mines,  
First Army.

Re G.R.O. 5851, Recreational Kit.

May the D.I. of P & R.T. be requested please to notify me if his unit can draw recreational kit as per above G.R.O.

Unit strength is 635 but we shall not require more than 40 shirts and 40 football jerseys, but would like as many footballs as possible.

If the material is available a lorry could be sent immediately to collect same.

20-12-18.

*E. P. Horn* Lt. Adjt.,  
for Major,  
C.O. 3rd Australian Tunnelling Coy.

Appendix 27.

3644

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

Dear Madam/

Reference your letter of enquiry re No.1057, Sapper KELLY Eugene. He was a man of about 45 years of age, 5' 10" in height, 11 Stone Weight; Complexion dark; Hair dark, turning grey; Dark moustache. Sgt. BARSBY who was one of the N.C.O's with the detachment from this Unit that was on duty near ARMENTIERES during the Boche push in April last, states that during the retirement of the British Troops, our detachment which Sapper KELLY belonged to was falling back across the LYS Canal under enemy machine gun fire from a wood about 300 yards away. While moving back Sgt. Barsby saw the dead body of an Australian soldier. There were no other Australians in this sector with exception of our own men. On the roll being called Spr. KELLY was missing and has not been heard of since.

30-12-18.

Yours faithfully,

*E.P. Horn* Lt. Adjt.,  
 for Major,  
 C.O. 3rd Australian Tunnelling Company.





356

APPENDIX 28

7 Ra

AUSTRALIAN IMPERIAL FORCE  
Administrative Headquarters  
LONDON. S.W.1.

28

21500

12 DEC 1918

C.O.,  
3rd. Tunnelling Co. A.I.F.  
B. E. F.  
FRANCE.

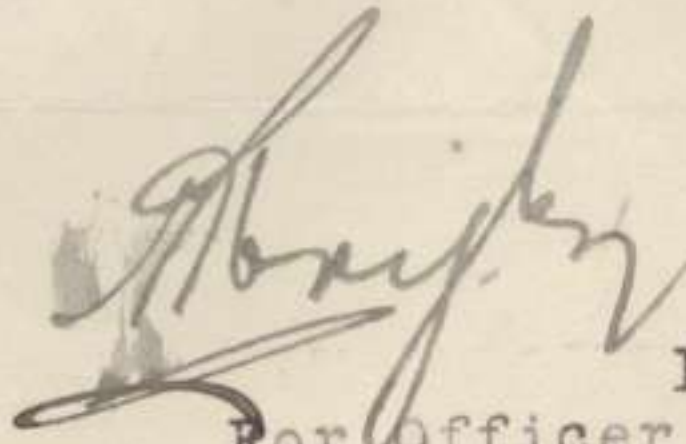
re 5824. RODIONOFF. N.

Records show the abovenamed soldier "absentee from 7th. Stationary Hospital 13/11/18. Arrested (A.P.M. Boulogne) and discharged to Unit 20/11/18".

May particulars of disciplinary action taken be advised on A.F.B2069 please.

11/12/18.

*Escorted and down and back over  
his sapper on 20/11/18  
Brought back to BELOEIL on 24/11/18*



Lieutenant.  
For Officer i/c Records.

D.A.P.M.,  
L I L L E/

Will you please have the two men who are sent herewith under escort put in detention on the charge of:- "When on Active Service being absent from their units without leave until apprehended by No. 1011 Cpl. GODDEN E.E., of the 3rd Australian Tunnelling Company at 20.00 on 10/13/18."

Enquiries are now being instituted and further instructions will be issued through the proper channels.

The circumstances are as follow:-

On the night of 9/13/18 complaints were received from some civilians in PHALEMPIN that they had been robbed of above 400 francs by Australian soldiers. Other robberies were also reported.

This Company being the only Australian unit billeted in PHALEMPIN suspicion was naturally cast on men of the unit. A general parade was ordered for 11.00 on 10/13/18 and the civilians asked to identify the men concerned in the robbery, which they previously stated they would be able to do. No one was identified as being concerned in the robbery but inquiries elicited the information that there were three strangers in PHALEMPIN wearing A.I.F., Uniforms who had previously been seen wearing B.E.F., Uniforms.

Last evening at 20.00 the three men were arrested. They gave their numbers, ranks, names and units as under:-

No. 435 Pte. AMY G.A.,  
33rd Battalion A.I.F.,  
States that he deserted his battalion near FLEXICOURT.

No. 1358 Pte. VILLET S.A.,  
33rd Battalion A.I.F.

No. 8388 Pte. O'CONNELL I.,  
(Stated that he belonged to the Argyle Highlanders although wearing A.I.F. Uniform).

The last mentioned managed to make his escape. The others are herewith under escort.

The matter is being reported to the Headquarters A.I.F., C/o Headquarters, Fifth Army.

(sd) Alex Sanderson.

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

Official Comp. records.

*Copy 36*

APPENDIX

30

3RD  
AUSTRALIAN  
TUNNELLING COY.

No. 3527.  
Date 11/12/18.

Headquarters  
A. I. F.,  
C/o H.Q., Fifth Army/

Will you please see the attached copy of letter sent to D.A.P.M., LILLE with two men under arrest wearing A.I.F., uniforms.

Bad characters, such as these men undoubtedly are, would soon get Australian soldiers into grave disrepute amongst the French people. I regret that the third man was able to escape. Will you please take any further action necessary.

*(sd) Alex Sanderson.*

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

*Officer Camp Records*

AUSTRALIAN IMPERIAL FORCE.

31



Headquarters, A.I.F.,  
Care H.Q., First Army,  
23rd December, 1918.

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

With reference to your 3625 of 21.12.18,  
approval is given for the following promotions :-  
(Warant Office, class I)

No.939 CSM. P.R.BOWLEY to be R.S.M. dated 1.10.18.

No.1070 QMS. A.B.LOGGIE to be R.Q.M.S. dated 1.11.18.

COPY to:-  
Admin.H.Q. A.I.F. London.  
for publication in A.I.F. Orders  
re BOWLEY, and in Part II Orders  
re LOGGIE.

H. J. Brown Major  
Lieut.-Colonel.  
A.A.G., A.I.F.

*St Banks*

*Adj.  
to records SPB.  
at*

*Has Request Loggie has his  
key book attended to?  
Yes filed JB*



356

APPENDIX 32

32


3632.

D.A.G.,  
A.I.F.,  
C/o G.H.Q.,  
Fifth Army.

-----

The following sappers No.4467, Sapper RUNDLE, and No. 4296, Sapper CHANDLER, were appointed Horse Drivers on the establishment of this unit on 15/7/18 and 1/10/18 respectively, but they have actually done duty as horsedriviers from 13/2/18 and 1/9/18 respectively. May their appointments please be confirmed back to these later dates to enable them to receive arrears of the extra pay of 1/- per day as horsedriviers. The establishment of this Unit (8 horsedriviers) has not been exceeded during their period of duty as they were driving in place of men evacuated to Hospital.

27/12/18.

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

Capt Brown  
- Mcardell  
Lt Wentworth  
Lt Warlew-Davies  
Lt Ashcroft

Capt Hillman  
Office Copy

APPENDIX

33

- (1) A reconnaissance of portion of the Queant-Dreccourt Line which passes through 1 Corps Area is required.
- (2) To undertake this two parties made up as under will leave H.Q. by Lorry at 9 a.m. on MONDAY, 30/12/18, carrying 3 days' rations.  
No. 1 Party. Capt. H.W. Brown, Lieut. Warlew-Davies and 2 Servants, 1 N.C.O. and 4 men from No. 2 Section.  
No. 2 Party. Capt. J.O. Mcardell, Lieut. R.G.B. Ashcroft, 2 servants, 1 N.C.O. and 4 men from No. 2 Section.
- (3) The work will be divided into two portions, the Northern half on Sheet 44A.N.S. from 36b.50.00 to junction of line with Lens-Carvin Road at N.36d.50.00 will be reconnoitred by No. 1 Party who will billet at or near WINGLES.  
The Southern half on Sheet 44A.S.W. from N.6.b.50.100 to junction of Dreccourt-Henin Lietaud Road at U10a 90.00, will be reconnoitred by No. 2 Party who will billet at or near Ol6b on Mentigny-Harnes Road.
- (4) Information is required as to positions and field of fire of all Heavy and Light Machine Gun and T.M. emplacements; positions of dugouts; Headquarters, Signal Stations, etc., with their details of capacity and accommodation for troops.  
Special attention should be paid to the wire, depth, quantity, alignment and design.
- (5) Portions of the Line of particular interest will be especially noted as these will be subsequently surveyed in detail if they merit it and possibly models will be made.
- (6) The reconnaissance will be very carefully made from end to end so that no well designed portion nor work of interest shall escape attention.
- (7) One N.C.O. and 2 O.R.'s out of each party are sent for the purpose of collecting exhibits for the Australian War Museum and should be occupied exclusively on this work.
- (8) During the absence of Lieut. Warlew-Davies his place will be taken by Lieut. D. Wentworth.

*[Signature]*

Lieutenant, Adjutant,  
for Majors

28/12/18.

C.O. 3rd Australian Tunnelling Company.

*File*

C.M. 3606  
First Army.

356

O. C.,  
172nd 175th, 176th, 179th Tun. Coy., R.E.  
185th, 250th, 253rd, 257th " " "  
3rd Australian Tunnelling Coy. ✓  
New Zealand Tunnelling Company.

---

1. A certain number of R.E. Officers are required for employment with the Allied Control of Siberian Railways.
2. They are required for the following appointments and should possess the qualifications stated against the appointments.

<u>Appointment.</u>	<u>Number required from all Theatres.</u>	<u>Qualifications.</u>
(a) Lieut-Colonels.	4.	All round Railwaymen, and must be able to speak French or Russian.
(b) Majors.	1.	Workshop Superintendents.
(c) Captains.	1. 5. 5. 2. <hr style="width: 50px; margin: 0 auto;"/> 13.	(i) Telegraph Engineers. or (ii) District Traffic Supdts. or (iii) District Loco. Supdts. or (iv) Asst. Workshop Supts.
(d) Subalterns.	1. <hr style="width: 50px; margin: 0 auto;"/> 1. <hr style="width: 50px; margin: 0 auto;"/> 2.	(i) Storekeepers. or (ii) Sub-Accountants.

3. Officers of lower substantive rank may be nominated, but Officers who are likely to be demobilised early are not required.
4. Against the name of each Officer should be stated the qualifications he possesses according to the sub-headings in para. 2 above.
5. Please forward nominal roll in duplicate of Officers recommended, to reach this office not later than the 8th of January 1919. Nil returns are not required.

Army, H.Q.,  
29.12.18.

*H. H. [Signature]*  
Lieut: Colonel, R.E.,  
Controller of Mines,  
First Army.

File

O.C.

356

3<sup>rd</sup> Australian Tunnelling Coy.

Acting on your instructions dated 29/12/18 the cause of the explosion at CARVIN (Fosse 2) on 28/12/18 were enquired into by Lt. Ashcroft on 29/12/18. Examination showed that it was a store of German ammunition which exploded. The ammunition was stored in a dugout which had previously been marked "DANGEROUS". No cause could be assigned for the explosion. I decided therefore to send a party of four experienced men to de-detonate anti-tank devices shells etc which were in the vicinity.

This party entered on its duty at ~~9.00~~ 9.00 30/12/18. On de-detonating the anti-tank devices it was found that the detonators were so badly corroded that it was dangerous to handle them.

It was therefore decided to demolish the whole of the ammunition in the vicinity.

It was carried to the far side of the Fosse from Carvin and stacked in a cutting in the Fosse <sup>+ exploded</sup> at 11.00 30/12/18.

The 44<sup>th</sup> Brigade R.G.A. rendered assistance by making all necessary labour to carry the ammunition available.

30  
12  
18.

Victor West Capt  
O.C. II Section  
3<sup>rd</sup> Aust Tunnelling Coy.



Officer Compiling  
Records.

356

APPENDIX 36.

3RD AUSTRALIAN TUNNELLING COY.	
No.	3505
Date	17/12/18

C.R.E.,  
1 Corps Troops/

Reference your 1147, please.

During the retirement in March-April 1918, this unit was mainly employed in construction of mined dugouts and M.G. Emplacements in defensive localities, command posts, wiring and preparations for the demolition of roads, bridges and store dumps.

No retreat, however, took place on the sector in which the unit was employed, but arrangements were made for the unit to garrison a strong locality in the Corps area in the event of a retirement being necessary.

The advantages of having Tunnelling Companies thoroughly trained in Musketry, Lewis gunnery and general infantry work were very apparent. They should also be armed with one Lewis Gun per relief for Companies on the higher establishment and one L.G. per two reliefs for companies on the lower establishment.

It would be sound policy to leave demolition work, as far as possible, in the hands of Tunnelling Companies, thereby freeing the R.E. Field units for other work.

Experiences in the recent advance to the Armistice Line:-

The unit supplied trained parties for the investigation for enemy mines and traps on the whole front of the 1 Corps.

Owing to the large number of traps it was found necessary to have one officer, two N.C.Os., and six sappers on each battalion front. Also an officer with two N.C.Os., and twelve sappers mopping up in the divisional area behind the forward infantry brigades. This amounted to 9 officers 4 N.C.Os., and 12 sappers per infantry brigade on the front and one officer 3 N.C.Os., and 12 sappers mopping up the Divisional area in the rear. A total of 5 officers 10 N.C.Os., and 36 sappers per Division.

The nature of the work made it necessary to operate in small parties, hence the large proportion of N.C.Os., required.

One horse & cart was supplied to the parties with each Brigade and also one to the mopping up party with each Division for the transport of rations, stores, explosives, tools, signs, etc.

Infantry Brigades were asked to detail working parties when required by the officer in charge of an investigating party.

Map locations and particulars of all traps and mines found were noted and reported. Places examined were marked "considered safe" or "mined dangerous" in accordance with instructions.

Each sapper carried the undermentioned tools, in addition to fighting equipment:-

- 1 Small pioneer pick.
- 1 Small wire cutters.
- 1 Jack knife.
- 1 Elec. torch & candle.
- 3 Green chalks.
- 3 Red chalks.
- 3 White chalks.

In addition each party had:-

- 3 Shovels
- 1 Axe (small).
- 1 Life line.
- 1 Packet small nails.
- 1 Tube primers.
- 6 Slabs G.C.
- 24 Detonators.
- 12 Yds. fuse (safety).
- Sign plates:-
  - "Considered safe".
  - "Mined dangerous".

All other ranks were specially trained and instructed by officers of the unit in the various kinds of mines and traps used by the enemy.

The

356

The advisability is suggested of establishing at Army Mine Schools classes of instruction in Investigation Work.

It is very important to organise and train small groups of sappers with one N.C.O., for independent action.

The unit was also employed on bridge building, road construction and repairs.

The obtaining of reconnaissance surveys of bridge sites at the very earliest possible moment is important.

All classes of technical work were undertaken with good results.

The addition of one mobile cooker per section to the equipment of each Tunnelling Company on the higher establishment would be of great benefit in mobile warfare.

The system of working under the C.R.E., Corps Troops proved satisfactory, a close liaison being, at the same time, kept up with the C.R.Es., of the Divisions in whose areas the unit was operating.

*W. H. Sanderson*

Major,

C.O., 3rd Australian Tunnelling Company.

858 Copy for  
Officer Compiling Records

# APPENDIX 37

3RD  
AUSTRALIAN  
TUNNELLING COY.

No. 3588  
Date 9-12-18

C.E. I CORPS.

CONTROLLER OF MINES, FIRST ARMY.

## Report on investigation for Enemy Mines and traps in I Corps Area during the advance from 7-9-18 to 11-11-18.

1. The numbers and approximate weights of enemy mines and traps removed or rendered harmless by investigation parties of the 3rd Australian Tunnelling Company are as under :-

Description	No. of mines or traps	Approx. Weight.
(a) Land Mines.	1142	211,700 lbs.
(b) Delay Action Mines.	56	9,280 "
(c) Demolition Charges.	1707	392,015 "
(d) Other Traps.	21	900 "
Total	2926	613,895 lbs.
(e) Enemy gas shells removed. (included in above).	157	8,260 lbs.
(f) British Demolition charges removed.	16	5,160 "

2. LAND MINES :- A very large number of these were set by the enemy for defence against tanks. They were mostly of the type shown in E.in C. Fieldwork Notes No.59, plate vii, in addition to a number of the type illustrated on Plates iv, v, and vi, and several as shown on the attached sketch.

In most cases the mine fields were laid in belts of wire and were generally easily discovered. Those laid transversely across roads were very noticeable to anyone walking on the road. Several mines of the ordinary type with fine trip wires connected to the release pins of fuse lighters were found. These were difficult to detect, the wire being usually stretched along the side of a road or track. In such cases the disturbance of the earth at the place where the mine was buried was noticed before the wire.

Usually it seemed that places had been prepared for the mines for some considerable time before the mines were laid. This made it difficult for the enemy to hide signs of the earth having been disturbed and it was therefore comparatively easy for the trained eye to detect them.

3. DELAY ACTION MINES :- Where concealed in dugouts, these were very difficult to discover. Only the following up of the slightest clues lead to discovery in each case. Gas shells were found in eight D.A. mines in dugouts. These dugouts were all fairly large and apparently comfortable quarters.

Four D.A. mines were found under Roads and 44 under Railways. They were mostly in Station Yards, or under important road crossings or junctions.

All fuses of delay action mines found were of the ordinary corrosion type, illustrated on Plate i of E.in C. Field Notes No.59.

Many of these did not operate until three weeks after the due date of explosion, and four have not yet operated although nearly four weeks overdue.

(Continued).

- 356
4. DEMOLITION CHARGES:- These were mostly put under important roads and railways. A fairly large number also in the more spacious dugouts and cellars. In several cases the enemy had tunnelled under the roads from cellars, using timber sets and after loading the mine had tamped the galleries.
- The fuses used were apparently very unreliable. Those which had been in the ground for any length of time nearly always failed when tested. Very large numbers of unexploded mines were found, the fuses of which had been lighted. Generally in large ammunition dumps a system of electrical firing of demolition charges had been installed. In some cases the demolition had been successful but in others only partially so, e.g. the large dump between Pont-a-Marcq and Cappelle, where only portions of the dump had been demolished although the whole dump was prepared for demolition through electrical firing. In some towns, for instance in Maulde and Mortagne, nearly all the cellars were charged and connected up electrically for firing, gas shells being mixed with the charges.
- Charged boreholes were found in the vicinity of the Escaut. These were about 10 inches diameter and usually six or seven feet deep, containing either 2 or 3 shells. They were difficult to discover, the ends of the electric leads being buried just below the surface.
- A few demolition charges were found under places suitable for observation, such as Church Towers and Chimney Stacks, also in the abutments of Bridges. In most cases, particularly on the Haute Deule Canal and the Escaut, the bridge demolition had been very thorough, as a great excess of explosive had been used.
5. OTHER TRAPS:- A number of "booby traps" were found. These were generally either made up with a stick bomb for a primer and a wire attached to the pull string, or else a wire to the firing pin of a fuse lighter connected by a short length of instantaneous fuse to a detonator.
- Some mobile charges as illustrated in sketch attached were also found fixed as "booby traps". In one case, a field of turnips close to a main road was mined and the firing pins connected up by fine trip wires.
6. GENERAL:- In the very forward areas near the Armistice Line, many shells were placed in holes made in the roads and railways, but no firing arrangements had been fixed and the railways did not appear to be much damaged East of that Line.
- In many cases mines had been and were being removed by the Belgian civilians when our troops arrived. The civilians had also, unknown to the enemy, rendered harmless a number of mines prepared by him for firing; and in other cases they were able to bribe the German soldiers not to fire the mines when leaving.
- The civilians gave all the assistance they could in pointing out where mines had been laid, and in several instances where craters had been blown in the roads the civilians were found filling them in when the enemy was hardly out of the locality.
- The civilians stated that the method of firing the mines was as follows:
- An excavation was made for the mine, and the explosives (generally large shells) then laid. Unless actually on the road the firing arrangements were not prepared until within about two days of the time ~~for~~ for firing, the excavation being left open. Later the firing arrangements were fixed and the holes filled in. Finally an officer rushed from mine to mine, in a motor car with a reel of leads, an exploder and fuse lighters, firing the mines.
- The civilians also stated that when mines were laid in the neighbourhood of their houses they used to pour water on them at night when the Germans were not about. This was quite evident from the condition of a number of mines which were subsequently removed.
7. Some Notes on Mine Detection, based on the experiences of the officers of this Unit during the past two months, were forwarded to the Controller of Mines, Fifth Army, on 23-11-18.

*Alex. Sanderson*

Major.

9-12-18.

C.O. 3rd Australian Tunnelling Coy.

356

Position	Number & Description of Mines Removed etc.	Method of Firing	Weight lbs.	Remarks.
Sheet 44 <sup>A</sup> 26 d 35 04	2 mines consisting of 2/120lb Shells	<del>Elec</del> Safety Fuse	480	
29 a 05 15	5 Mines consisting of 2/120lb Shells each	Striker Pin Contact	1200	
3 a 80 40 (Estaminet)	1 Mine 8" Hewitzer Shell	S.F.	200	
5 a 50 75 (Convent)	1 Mine consisting of 4/120lb Shells and 1 case Explosive	Elec	540	
17 c 35 20 (Provin Road)	3 Road Mines consisting of 1/220 lb Shells each	S.F.	660	
17 c 80 50 (Provin Road)	3 Road Mines consisting of 1/220 lb Shells each	S.F.	660	
17 d 30 60 Provin Road	3 Road Mines consisting of 1/220 lb Shell each	S.F.	660	
17 d 30 45 (Provin Road)	3 Road Mines consisting of 1/220 lb Shell each	S.F.	660	
29 b 65 45	1 Road mine consisting of 1/10" Shell.	S.F.	220	
20 c 15 70	1 Road Mine consisting of 1/10" Shell.	S.F.	220	
20 c 20 70	1 Road Mine consisting of 1/10" Shell.	S.F.	220	This mine had failed to explode. Detonator exploded
26 a 90 90	2 Road Mines consisting of 1/220 lb Shell each	S.F.	240	This mine had failed to explode Detonator exploded
26 a 95 85	1 Road Mine consisting of 1/10" Shell	S.F.	220	
27 a 35 75	1 Road Mines consisting of 2/120 lb Shells	S.F.	240	
27 b 00 80	1 Road Mine consisting of 2/120 lb Shells	S.F.	240	
27 b 35 85	1 Road Mine consisting of 2/120 lb Shells	S.F.	240	
27 a 90 10	1 Road Mine consisting of 2/120 lb Shells	S.F.	240	

II

356

Position	Number & description of Mines Removed etc.	Method of firing	Weight lbs.	Remarks.
D16 c 50 20 Road Junct <sup>n</sup>	1 Mine consisting 15/120 lb Shells	Striker Pin Contact	1800	
D23 - F 19. Main Rd. Phalempin E Pont-a-Marcq.	21 Road Mines consisting of 3/10" Shells each.	<del>Striker Pin</del> Electric Detonators.	13,860	
E1 b 80.10	1 Road Mine consisting of 2/9.5 Trench Mortar Shells.	—	1200	These shells were not detonated prepared for detonation
E2 b 90. 70.	1 Road Mine consisting of 4/9.5 Trench Mortar shells.	S. F.	600.	
E 1 b. 50. 60	1 Road Mine consisting of 3/120 lb Shells.	S. F.	360	
E 3 Central. "Avelin"	1 Road Mine consisting of 6/10" Shells	S. F.	1200	
E4 d 60 05	1 Road Mine consisting of 6/10" Shells	S. F.	1200	
E 10 a 80 75	1 Road Mine consisting of 10/120 lb Shells	S. F.	1200.	
E 10 b 20 70	2 Road Mines consisting of 2/120 lb Shells each.	S. F.	480	
E 11 a 90. 50	1 Road Mine consisting of 6/120 lb Shells.	S. F.	720	
E 11 b. 85. 50	1 Road Mine consisting of 6/120 lb Shells.	S. F.	720	
F 2 d 95 80 "Ennevelin"	1 Road Mine consisting of 5/120 lb Shells	S. F.	960.	
F3 central.	1 Road Mine consisting of 5/10" Shells.	S. F.	1100.	
F2 c 30-10	4 Road Mines consisting of 3/120 lb Shells	S. F.	1440	
F7 d Central	1 Road Mine consisting of 3/120 lb Shells	S. F.	360.	
F8 a 70. 95	2 Road Mines consisting of 3/120 lb Shells	S. F.	720	
F8 a. 90-98.	1 Road Mine consisting of 3/120 lb Shells	S. F.	240.	
G2 b. 60-50.	1 Mine consisting of 1/10" Shell.	Fuse lighter Q. F. Contact.	220	This mine was set for a trap. Wire to Fuse L.
H1 c 73-70.	2 Mines consisting of 1/6" Shell & some gas cylinders.	Delay n. l.	360.	Fuses shown in Ia 31532

856

Position	Number & description of mines removed, etc.	Method of firing	Weight lbs.	Remarks.
H2 b. 55-10	2 Road mines consisting of $\frac{3}{4}$ 120lb Shells, each	Striker pins Contact	480.	
H2 c 10-60.	2 Mines consisting of $\frac{1}{6}$ " Shell & 2 gas cylinders.	Acid bath Delay Action	360.	Fuse was extracted & mines removed.
H3 a - b Vendin - Douvrin Line	56 Tank mines consisting of $\frac{3}{4}$ 120lb Shells each	Striker pins Contact	13,440	
H4 d 00-30	1 Trap consisting of $\frac{1}{10}$ " Shell	Contact	220	
H4 d 55-60.	1 Trap consisting of $\frac{3}{4}$ 220 lb Shells	Contact	1760.	
H4 d 60-65	1 Trap consisting of $\frac{3}{4}$ 220 lb Shells.	Contact		
H4 d 60-65.	1 Trap consisting of $\frac{1}{10}$ " Shell.	Contact	220.	
H4 d 70-60	1 Mine consisting of $\frac{1}{10}$ " Shell.	S. F.	220.	
H4 c 20-00.	1 Mine consisting of $\frac{12}{10}$ " Shells	S. F.	2640.	
H4 b 30-30	1 Mine consisting of $\frac{3}{4}$ 220 lb Shells.	S. F.	440	
H5 a. 30-10.	1 Booby traps consisting of $\frac{3}{4}$ Mobile charges with stick bombs in centre & copper wires fastened to doors of Dugout.	Contact	60.	
H5 c 50-20.	1 Trap consisting of $\frac{3}{4}$ Mobile charges & stick bombs with copper wire to handles of door to Dug-out.	Contact	30.	
H2 a 80-50	10 Road mines consisting of $\frac{3}{4}$ 120 lb Shells	Striker pin Contact	2400.	
H8 d. 30-30.	36 Road mines consisting of $\frac{3}{4}$ 120 lb Shells.	Contact do.	8640.	
H8 d. 70-30.	6 Road mines consisting of $\frac{3}{4}$ 120 lb shells.	Contact do.	1440.	
H2 b. 35-35.	2 Road mines consisting of $\frac{3}{4}$ 120 lb Shells.	Contact do.	480	
H8 a & b. Vendin - Haishes Switch line between Railway & Flat de Wingles.	319 Tank traps consisting of $\frac{3}{4}$ 120 lb Shells	Contact do.	76,560	

IV

350

Position	Number & description of mines removed etc.	Method of firing.	Weight lbs.	Remarks.
48d. 20-30.	1 Mine consisting of $\frac{2}{10}$ " Shells.	Detonator & Fuse.	440.	
48d. 40-50.	1 Mine consisting of $\frac{2}{10}$ " Shells.	do.	440	
48d. 40-50.	1 Mine consisting of $\frac{1}{10}$ " Shell.	do	220.	
48d 40-50	1 Mine consisting of $\frac{1}{10}$ " Shell.	do.	220	
48d. 90-10	1 Mine consisting of $\frac{1}{10}$ " Shell	do	220.	
49d 45-50 to 49a. 80-20	128 Tank mines consisting of $\frac{2}{120}$ lb shells. also 11 traps of 19/54976	Contact	30,720 132	
49d 00-30.	2 Tank traps consisting of $\frac{2}{120}$ lb Shells.	Contact	480.	
49d. 65-15. to 49a 70-30	17 Tank mines consisting of $\frac{2}{120}$ lb Shells.	Striker pins. Contact	4080.	
H9d. 45-45 " 416a 70-10.	130 Tank mines consisting of $\frac{2}{120}$ lb Shells.	Striker pin. Contact	31,200.	
do do.	35 Iron box traps. 12lb each.	Contact	300.	Same as shown in 19/53,931.
H9d 65-25.	1 Trap consisting of a cylinder of explosive with string attached from firing pin to door.	Contact.	120.	Weight of cylinder 120 lbs
H9d 40-45.	8 Road mines consisting of $\frac{2}{120}$ lb Shells.	Striker pin. Contact	1920.	
49d. 00-30. Tingles Road.	1 Demolition charge consisting of $\frac{2}{120}$ lb Shells in bottom of pit under light bridge	Contact do.	960.	Shells removed & pit filled in.
49a. 35-65 Hulluck Rd.	2 Road mines consisting of $\frac{2}{120}$ lb Shells.	Contact do.	480.	
H10a. 20-95. to H9a. 10-30.	7 Mines consisting of $\frac{1}{10}$ " Shells. removed from various D Ors between two M. R's	Detonators & fuses.	1540.	
H12d. 25-30.	1 Road mine consisting of $\frac{4}{10}$ " Shells.	Contact	880.	
H12d. 15-35.	1 Road mine consisting of $\frac{6}{10}$ " Shells.	Contact	1320.	



Sheet 44<sup>A</sup>

Mines removed.

Position	Number & Description of Mines removed etc.	Method of firing	Weight lbs	Remarks
H13 b. 00-40 Hulluck Rd.	1 Mine consisting of $\frac{2}{220}$ lb. Shells.	detonator & fuse.	440.	
H13 d. 40-40.	1 Mine consisting of $\frac{4}{220}$ lb Shells.	do	880.	
H14 d. 30-80	1 Mine consisting of $\frac{1}{220}$ lb. Shell	do	220.	
H14 b 30-30	1 Mine consisting of $\frac{3}{220}$ lb Shells	Contact	660.	
H14 b 45-90	1 Trap consisting of 1 case explosive with detonator & friction lighter	Contact	80.	
H14 d 10-60	1 Trap consisting of 7 Stick bombs with wire attached	Contact	5.	
H15 b 30-00. Benfontaine Rd.	1 Mine consisting of $\frac{2}{220}$ lb Shells	Detonators & fuses.	440.	
H15 c 10-60. Near Hen run Rd.	1 Mine consisting of $\frac{2}{220}$ lb Shells	do	440	
H15 b. 40-80. Vendin - Haisnes Switch	1 Mine consisting of $\frac{4}{220}$ lb. Shells	Contact	480	
H15 b 10-80. Halstead Alley.	8 Mines consisting of $\frac{2}{220}$ lb Shells.	Contact	1920	
H15 a 50-90. Wingles & Benfontaine Rd.	8 Road mines consisting of $\frac{2}{220}$ lb Shells.	striker pin Contact	1920	
H16 a. 90-50. Ete des Deux-290.	1 Mine consisting of $\frac{2}{220}$ lb. Shells.	Detonators & fuses.	440.	
H16 b. 90-80. Hunt Rd.	4 Mines consisting of $\frac{1}{220}$ lb Shells.	do	880.	
H16 b. 15-40. Cité - 290.	1 Mine consisting of $\frac{1}{220}$ lb Shell	do	220	
H16 a 70-20.	1 Mine consisting of $\frac{1}{220}$ lb Shell	do	220	
H16 b 40-40	1 Mine consisting of $\frac{1}{220}$ lb Shell.	do	220	
H16 a. <del>50-30</del> 30-50	2 Mines consisting of $\frac{2}{220}$ lb Shells.	S.F.	480	
H18 d. 80-30	1 Mine consisting of 1 Mobile charge.	Contact.	70.	

## Mines removed. Sheet 44A

VI

356

Position	Number & Description of Mines removed etc.	Method of firing	Weight lbs.	Remarks
120 b 50-60	2 Mines consisting of $\frac{2}{120}$ lb Shells.	Detonators & fuses	480	
120 c 30-70	2 Mines consisting of $\frac{2}{120}$ lb Shells	do	480	
120 d 60-85 to 120 b 50-55	<del>84</del> Tank traps consisting of $\frac{2}{120}$ lb Shells each	Contact	4560	
120 d 30-75 to 20 d 25-30	84 Tank traps consisting of $\frac{2}{120}$ lb shells each.	Contact	20,160	
120 c 25-70	2 Mines consisting of $\frac{2}{120}$ lb shells each	Contact	480	
120 b 40-10	2 Tank traps consisting of 12 lb Mobile charges	Contact	24	
20 b 00-50 to 20 d 60-80 20 d 20-90 to 20 d 70-30	2 Lines of Tank traps consisting of $\frac{144}{7}$ " Shells.	Striker pins Contact	17,280	
20 d 20-40 Hobbs Alley	1 Mine consisting of $\frac{2}{120}$ lb Shells	Contact	240	
20 d 70-40 Honey Alley.	1 Mine consisting of $\frac{2}{120}$ lb shells.	S.F.	240	
20 c 60-95 Hive Alley	1 Mine consisting of $\frac{4}{120}$ lb Shells.	S.F.	480	
21 b. 25-50	1 Mine consisting of $\frac{2}{120}$ lb. Shells.	Detonator & fuse.	240	
21 c 40-55	1 Mine consisting of $\frac{3}{120}$ lb Shells.	do	360	
21 a 40-70	1 Mine consisting of $\frac{2}{120}$ lb Shells.	do	240	
21 a 40-75	1 Mine consisting of $\frac{2}{120}$ lb Shells.	do	240	
21 c 95-75 Vendin Rd	1 Road mine consisting of $\frac{1}{220}$ lb Shell	S.F.	220	
21 a 30-70	1 Mine consisting of $\frac{8}{120}$ lb Shells.	S.F.	960	
21 a 15-60	1 Mine consisting of $\frac{2}{120}$ lb Shells.	Contact	240	
21 c 40-30.	1 Mine consisting of $\frac{2}{120}$ lb Shells.	Contact.	240	
22 d 40-40 to 22 d 30-45	2 Mines consisting of $\frac{1}{220}$ lb shells	Detonators & fuses.	480	

Mines Removed

Sheet AAA

VII

356

Position	Number & Description of Mines removed etc	Method of firing	Weight lbs	Remarks
422b 60-85	1 Mine consisting of $\frac{1}{2}$ 220 lb. Shell.	Detonator & fuse	220	
422b 70-35	1 Mine consisting of $\frac{1}{2}$ 220 lb Shell.	do	220	
22 d .95-70	1 Mine consisting of $\frac{1}{2}$ 220 lb Shell.	do	220	
22 a. 20-70	1 Mine consisting of $\frac{1}{2}$ 220 lb Shell	do	220	
22 a. 15-80	1 Mine consisting of $\frac{1}{2}$ 220 lb Shell	do	220	
22 a 00-90	1 Mine consisting of $\frac{1}{2}$ 220 lb shell.	do	220	
22 d. 60-40	1 Mine consisting of $\frac{1}{2}$ 220 lb shell	do	220	
22 d 30-75	1 Mine consisting of $\frac{1}{2}$ 220 lb shell	do	220	
22 d 60-30	1 Mine consisting of $\frac{1}{2}$ 220 lb shell.	do	220	
22 a 85-04	1 Mine consisting of 1 Mobile charge	Contact	20	
423b 15-20	1 Mine consisting of $\frac{2}{2}$ 220 lb shells.	S. F. & detonator	440	
423c 90-90	1 Mine consisting of $\frac{4}{2}$ 220 lb shells	do	880	
423c 50-90	1 Mine consisting of $\frac{2}{2}$ 220 lb shells.	do	440	
423c 80-80	1 Mine consisting of $\frac{1}{2}$ 220 lb shell.	do	220	
423c 80-70	1 Mine consisting of $\frac{1}{2}$ 220 lb. shell	do	220	
423c 05-00 Henry Rd.	3 Road mines consisting of $\frac{2}{2}$ 120 lb shells each	Contact	740	
423c 30-60	1 Mine consisting of $\frac{2}{2}$ 120 lb shells	Contact	240	
424c 90-90	1 Road mine consisting of 200 lbs of Perditite	Contact	200	
424d 90-60	1 Road mine consisting of $\frac{1}{2}$ 220 lb shell.	Contact	220	

VIII

856

Position	Number & Description of Mines removed, etc	Method of Firing	Weight lbs	Remarks
H26b.	36 Tank traps consisting of $\frac{2}{120}$ lb Shells each.	Contact	8640	
H27a 50-25	2 Road mines consisting of $\frac{2}{120}$ lb Shells each	S.F.	480	
H27a 30-40	$\frac{2}{120}$ Road mines consisting of $\frac{2}{120}$ lb Shells each	S.F.	480	
H27d 30-80	3 Road mines consisting of $\frac{2}{120}$ lb Shells each	Contact Q.F.	720	
H27d 85-30	3 Road mines consisting of $\frac{2}{120}$ lb Shells each	Contact Q.F.	720	
H27a 30-50	3 Road mines consisting of $\frac{2}{120}$ lb Shells each	Contact Q.F.	720	
H27c 70-40	1 Mine consisting of $\frac{4}{120}$ lb Shells	S.F.	480	
H27d 10-50	2 Road mines consisting of $\frac{2}{120}$ lb Shells each.	S.F.	480	
H27b 90-30	7 Tank mines consisting of $\frac{2}{120}$ lb Shells. each	Contact	1680	
H28b 30-50	1 Road mine consisting of $\frac{3}{120}$ lb Shells	S.F.	360	
H28b 80-50	1 Mine consisting of $\frac{4}{120}$ lb Shells	S.F.	480	
H28b 70-50	10 Road mines consisting of $\frac{1}{120}$ lb shells.	Contact	1200	
H28b 70-70 to H29a 10-90	Tank traps consisting of 165 Mobile charges.	Contact	1980	
H28d 60-40	1 Road mine consisting of $\frac{3}{120}$ lb Shells.	S.F.	360	
H29a 10-60	1 Demolition charge consisting of 7 Hand Grenades	Contact	10	
H29c 50-90	3 Road mines consisting of $\frac{1}{120}$ lb Shells each.	Contact	360	
H29c 20-90	3 Road mines consisting of $\frac{1}{120}$ lb Shells each	Contact	360	
H30d 20-80	1 Road mine consisting of $\frac{1}{120}$ lb Shell.	S.F.	120	
H33b 10-10	1 Road mine consisting of $\frac{3}{120}$ lb Shells.	Contact	360	
H34b 30-80	1 Road mine consisting of $\frac{3}{120}$ lb Shells	Contact.	360	

Mines Removed  
IX 356

Sheet 44A APPENDIX 38

Position	Number & Description of Mines removed etc	Method of Firing	Weight lbs	Remarks.
I 1 c 60-35	1 Road mine consisting of $\frac{8}{9.5}$ " Shells.	S. F.	1200	
I 29 b 30-30	2 demolition charges in Bridge abutments.	<del>S. F.</del> Delay Action	100.	Corrosive Fuses.
K 16 d 80-40	1 Road mine consisting of $\frac{4}{9.5}$ " Shells.	S. F.	600	
F 120. 70-70	1 Road mine consisting of $\frac{4}{9.5}$ " Shells.	S. F.	600	
K 20 a. 80-30	1 Road mine placed in Sewer under road. Consisting of $\frac{5}{120}$ lb Shells.	Delay Action C. F.	600	
K 24 a. 40-40.	1 Road mine consisting of $\frac{2}{120}$ lb Shells.	S. F.	240.	
K 24 c 25-60	1 Road mine consisting of $\frac{4}{120}$ lb Shells.	S. F.	480	
K 29 d. 30-80.	3 Road mines consisting of $\frac{3}{120}$ lb Shells each. & 2 cases Perdité.	Elec. fuse	1380	

30  
3250

356

Mines Removed

Sheet 44

APPENDIX 38

Sheet 44

Position	Number & Description of Mines removed etc	Method of Firing	Weight lbs	Remarks.
A 15 b. 30-40	1 Road mine consisting of $\frac{4}{120}$ lb Shells.	S.F.	480	
A 16 a. 60-60	1 Trap consisting of a Case of Stick Bombs with wire from pull string fixed to floor under case.	Contact	30	
Q 26 a. 60-60	1 Mine consisting of $\frac{2}{120}$ lb Shells.	S.F.	240	
7 d. 80-80	6 Mines under Railway Consisting of $\frac{2}{120}$ lb Shells each.	S.F.	1440	
F 7 d. 90-10.	1 Demolition mine consisting of 18 Cases of Bombs.	S.F.	540	
2 d. 25-25	1 Road mine consisting of $\frac{2}{120}$ lb Shells.	S.F.	240	
T 8 d. 80-20	3 Road mines consisting of $\frac{4}{6}$ " Shells. each.	S.F.	1440	
T 8 c. 90-40 Fort de Moulde.	Ammunition dump examined all nose caps were removed (no traps discovered)	—	4480	
16 a. 70-65.	3 Road mines consisting of $\frac{2}{10}$ " Shells each.	S.F.	1320	
17 c. 05-30	1 Booby trap consisting of a Case of Bombs with wire from pull string to floor under case.	Contact	30.	
L 20 d. 20-70	2 Road mines consisting of $\frac{2}{9}$ " Shells each.	S.F.	600	
L 29 c. 25-25.	1 Road mine consisting of $\frac{2}{120}$ lb Shells.	S.F.	240	

956

POSITION	NUMBER & DESCRIPTION OF MINES ETC. REMOVED.	METHOD OF FIRING.	WEIGHT.	REMARKS.
Sheet 44. Rly line between ) G.17c 70.40 & ) G.24c 60.75. )	23 Mines consisting of 1/120 lb. shell each. Note:- The presence of a mine is detected by a slight subsidence of the surface and the presence on the surface of a little new earth excavated while preparing for laying the mine.	Time fuse.	2760	Each 5' deep. Several fuses had been ignited and failed due to 1. Bad fuses. 2. Careless loading.
G.5a 60.80.	2 Road Mines consisting of 2/120 lb. shells each.	Electric detonators.	480.	
G.15b 25.90.	Road Mine consisting of 2/120 lb. shells.	Electric detonators.	240	
G.10a 70.80.	2 Road Mines (one on each side of road) consisting of 2/120 lb. shells each 5' deep.	Electric detonators.	480	
J.9d 20.80 to J.10a 20.40.	Removed 6/120 lb. shells with fuses and detonators attached from six houses along this road.	Time fuse.	720.	
G.10b 45.45.	20/3" and 112/8" Yellow X Gas Shells removed from two houses.	Electric detonators.	7000.	
G.3d 55.20.	15 shells of various calib- res removed from house.	Time fuse.	600	
G.3d 40.60	Under culvert, Remain Rly Station 6/120 lb. shells placed in brickwork.	Time fuses.	720.	
G.3d 40.60.	6/8" shells placed in stack of sleepers in the station yard.	Time fuses.	900.	
Railway line G.9b 25/80 to G.17c 50.60.	10 Mines each 1/120 lb shell.	Time fuses.	1200.	
H.14a 50.45.	2 Mines each 2/120 shells. (The time fuse at present being used by the enemy is of very <del>inferior</del> <sup>inferior</sup> quality and difficult to ignite.)	Time fuses.	480.	Fuses had been lit but had failed in each case.

15,580

(Continued)

356

POSITION.	NUMBER & DESCRIPTION OF MINES ETC. REMOVED.	METHOD OF FIRING.	WEIGHT.	REMARKS.
H 14b 50.80	2 Mines each 2/120 lb shells. One fuse had been ignited and detonator exploded without exploding shell.	Time fuses.	480.	
			15580 lbs.	
Railway at G.17d 20.00.	2 Mines 1/120 lb shell each.	Time fuses.	<del>240</del> 240.	Fuses had been ignited but failed in each case
G.17d 05.20.	Mine 1/120 lb shell.	Time fuse.	120.	do. do.
Rly Culvert at G.17c 80.40.	4/120 lb shells in culvert and 3/120 lb shells above culvert (buried).	Time fuses.	480. 360.	Five shells had been laid and one exploded without detonating the others.
Rly. at G.17c 65.65.	1/120 lb shell between rails.	Time fuse.	120.	
Rly. at G.10c 50.60.	1/120 lb shell between rails.	Time fuse.	120.	
G.3c 70.40.	Neumain Station Yard, 7 mines each 1/120 lb shells.	Time fuses.	840.	Generally at points and crossings.
G.3c 60.40.	Road & Rly Crossing, Mine consisting of 5/120 lb shells with ordinary detonators inside noses. One corrosive fuse.	Acid bath fuse.	600.	The acid trap was removed at 15.00 on 31-10-18 and 35 minutes later had eaten through the wire.

18940

*Alec Anderson*

XXXXX

8-11-18.

C.O. 3rd Australian Tunnelling Coy. Major.



356

Map Ref.	No. and Description of Mines, etc.	Method of Firing.	Weight. lbs.	Removed by.
	No. Description.			Remarks.
Sheet 45	Road Mines- each- →			Lieut Ashcroft's party on 26-11-18
A.27b 95.55	1) 1 large shell 5' deep.	S.F.	360	
A.28d 15.35	1)			
G.6a 90.20	4) Rly. Mines 2 large shells 5' deep.	S.F.	2160	
G.6b 90.35				

Sheet 38	Rd mines-	Each- →	Net	
S.29b 55.85	3	12 large shells 7' deep.	prepared. 2340	Lieut. Howie's party on 22/25-11-18
18d 20.20	1	1 " T.M. shell 4'6" "	S.F. 195	
29b 50.60	2	5 " " shells 5' "	Not prepared. 800	
29b 90.60	2	3 " " " 6' "	do 480	
29d 60.60	2	2 " " " 5' "	do 320	
29d 40.60	1	1 " " " 5' "	do 160	
15d 15.75	4	8 " " " 4' "	do 1560	
14a 80.75	3	6 " " " 6' "	do 1170	
14a 75.40	4	8 " " " 5' "	do 1280	
14c 10.65	8	18 " " " 4'6" "	do 2880	
20a 25.50	1	2 " " " 5' "	do 390	
1d 80.35	-	16 " " " -	- 3120	
5c 90.75	2	10 " " " 4'6" "	S.F. 1950	
5c 90.75	4	10 " " " 4'6" "	Not prepared. 1600	
5d 80.65	7	14 " " " 5' "	do 2240	
6b 80.25	4	8 " " " 6' "	do 1280	
6b 80.25	4	8 " " " 6' "	do 1280	
6b 40.50	1	3 " " " 5' "	do 480	
5b 00.50	1	9 " " " 6' "	do 1440	
5a 90.75	4	9 " " " 5' "	do 1440	
5a 40.95	4	8 " " " 5' "	do 1560	
5a 10.90	2	2 " " " 5' "	do 390	
22c 80.80	1	2 " " " 4' "	S.F. 320	
29b 60.60	1	1 " " " 4' "	Not prepared. 160	
16b 80.50	2	2 " " " 5' "	do 320	
16b 95.65	2	2 " " " 4' "	do 320	
8b 25.40	2	6 " " " 4' "	do 960	

32,955

356

Map Ref.	No. and Description of Mines, etc.	Method of Firing.	Weight lbs.	Remarks.	Removed by.
	No. Description.				
Sheet 44 <del>XXXXXX</del> E.15	IX 4 Rd mines, 2 large shells, each 5' deep.	Not prepared.	1440		Lieut. Cavanagh's party on 24-11-18
Sheet 44 E.1 & 8.	9 Rly mines, 18 large shells, 6' deep.	S.F.	3240		do. on 23-11-18.
Sheet 44 K.8b 25.70	Examined dump of 170 shells. 1 Removed from Church	S.F.	1260		Lieut. Sternberg's party on 25-11-18.
	7 large shells & box of detonators.				
Sheet 44 E.17d 40.10	1 2 large shells.	Not prepared.	360		do. on 23-11-18
E.16b 20.35	1 2 " "	"	360		
E.1b 40.20	2 4 " "	"	720		
Sheet 45 A.22a 60.90	2 Mines in X Rds. 8 shells.	S.F.	1440		Lieut. Ashcroft's party on 25-11-18
A.23c 20.50	1 Rd mine, 3 shells	"	540		
A.23d 20.80	1 Rly mine, 2 "	"	360		
Sheet 37 V'10d 30.70	1 Rd mine removed. 5 lge shells.	Elec.	900		Lieut. C.C. Shaw's party on 24-11-18.
V.28a 70.70	1 " " 3 " "	"	540		
V.28b 20.20	1 X Roads, 8 large shells.	"	1440		

45,555

Major,

27-11-18.

C.O. 3rd Australian Tunnelling Company.

356

Map Ref.	No. & Description of Mines, etc. removed.	Method of Firing.	Weight lbs.	Remarks.	Removed by.
Map Ref.	No. Description.				
<u>Sheet 44a.</u>					
J.16b 95.60	1 Two "Rum Jars" 6 feet deep.	D.A. Corrosive fuse.	100	Fuse 7 days overdue.	Lt. J.B. Shaw's party on 18-11-18.
J.28d 10.90	1 10" Shell 3'6" deep.	do.	220	do.	do.
P.5b 15.00	1 do. do.	do.	220	Fuse 10 days overdue.	do.
P.12a 70.30	1 10" shell 5'0" deep.	do.	220	do.	do.
P.11a 80.45	1 One "Rum Jar" 5'0" deep.	do.	50	do.	do.
<u>Sheet 38</u>					
Map Square T.	170 Mines consisting of large Minenwerfer shells removed from roads in this square to a dump at T.16c 80.70.	Safety fuses.	30,600		Lt. O.R. Howie's party 11/18-11-18
<u>Sheet 45.</u>					
G.5d 95.90	4 13 large Minenwerfer shells	S.F.	2340		Lt. R.G.B. Ashcroft's party 19-11-18.
G.5d 65.80	2 8 " "	" "	1440		
A.3b 30.60	1 2 " "	" "	360		
<u>Sheet 37.</u>					
V.c 8.8	4 Mines on road near Rly Sdg. 4 large shells.	S.F.	720		Lt. C.C. Shaw's party 9-11-18.
<u>Sheet 38</u>					
Map squares N.35 to 36 incl.	32 Road mines consisting of 1 large shell each.	S.F.	5760		Lt. T. Taylor's party 13-11-18.
<u>Sheet 44</u>					
Map Squares R.19, 25, 26.	44 Shells removed from under rails in Rly line.	No firing arrangements.	7920		Lt. O.J. Sternberg's party on 19-11-18
<u>Sheet 45</u>					
A.26a 6.3	15 Shells in Station Yard Basecles.	S.F.	2700		Lt. O.J. Sternberg's party on 18-11-18.
<u>Sheet 44</u>					
E.27c 15.85	4 Road Mines, Large shells.	Not prepared	720		Lt. O.J. Sternberg's party on 15-11-18.
E.28a 30.10	2 Road Mines at X Roads.	S.F.	360		do.
E.27c 40.95	1 Mine in cellar of house 9 yellow X shells & 5 stick bombs.	S.F.	600		do.

54,330.

(Continued).

356

Map Ref.	No. & Description of Mines, etc. removed.	Description.	Method of Firing.	Weight. lbs.	Remarks.	Removed by.
Sheet 44a.	Very large ammunition dump at 44a.F 21c. examined. About 100,000 Shells examined in detail.				Examination made by Capt. Brown's party 12 to 20-11-18.	
	The whole dump had been prepared for electrical demolition. The electrical detonators being placed in primers and the priming charges placed in the tops of large shells and cemented in with a resinous waterproof cement. All the charges were connected up by subsidiary leads to the main firing leads.				All electric detonators etc. removed.	
	An attempt had been made to blow up the whole dump but the demolition was only partly successful, not more than half the dump being destroyed.				No traps discovered.	
<hr/>						
Sheet 38.						Lt. C.C. Shaw's party on 12-11-18.
027a 1.0	1	( Road Mines (2 shells)	Elec. det.	100		
0.27c 9.4	1			100		
<hr/>						
Sheet 45.						Lt. R.G.B. Ashcroft's party on 12 & 13-11-18
C.2b 25.60	1	Road Mines 2 shells	S.F.	200		
C.2b 70.70	1	" " "(each.		200		
C.2a 20.80	1	" " " "		200		
<hr/>						
Sheet 38.						
U.26d 40.20	1	" " " "		200		
U.26c 30.20	1	" " " "		200		
U.26c 30.45	1	" " " "		200		
U.26a 80.65	4	" " " "		800		
<hr/>						
Sheet 44a	1	Rly Mine. Delay action			Crater 18' dia. x 6' deep.	Reported by Lt. J.B. Shaw.
F.18c 10.50		In Templeuve Rly yard exploded at 08.00 on 15-11-18. No. on enemy plan uncertain.			Explosion due on 15-11-18.	
<hr/>						
Sheet 44a.						
F17b 70.20	1	Rly Mines. Delay Action. D.A.		120	Probably Nos. 56 & 57 on enemy plan due to explode on 14-11-18.	Lt. J.B. Shaw's party on 14-11-18
F17b 75.10	1	In Templeuve Rly Yard.	Corrosive Fuse.	120		
<hr/>						
Sheet 44a.						
G.3c 35.70	1	Rly Mine Delay Action in <del>Templeuve</del> Rly Yard.	do.	200	No. 82 on enemy plan due 15-11-18.	Lt. J.B. Shaw's party on 17-11-18
<hr/>						
Sheet 38.						
Map Squares N.28 to 34 incl. 0.25 & 31 and U.1 & 7.	105	Shells removed from Roads in these areas. 60 dumped at N.35a 25 & 45 2 " U.1c 1.3.	S.F. Elec. & not prepared.	18,900		Lt. T. Taylor's party on 17 and 18 Nov. 1918
<hr/>						
Sheet 45						
B.4a 10.30	1	3 Large Shells.)	Firing arrangements	6480		Lt. Ashcroft's party on 16-11-18
B.3b 90.10	2	6 " " )	Under			
B.3c 70.40	1	4 " " )	XXX			
B.9a 95.60	1	2 " " )	Rly			
B.9a 70.30	2	6 " " )	Line.			
B.9c to 15a.	5	15 " " )				

(Continued.)

82,350 lbs

856

Map Ref.	No. & Description of Mines etc. removed.	Method of Firing.	Wgt. lbs.	Remarks.	Removed by.
Sheet 38. Map Squares 0.26 to 36 incl.	90 Shells removed from Some S.F. mines in Roads and dumped at 0.34b 7.6	Some elec. Some not prepared.	16200		Lt. C.C. Snaw's party on 14-15/11/18.
Sheet 45. B.9a 30.80 B.15c 05.25	3 Rd Mines (3 large shells) 1 Bridge Abutment (1 large Shell)	S.F. "	540 180		Lt. Ashcroft's party on 17-11-18.
Sheet 44. E.23b 20.50	7 shells (bridge abutments).	Elec.	700		Lt. Ashcroft's party on 14-11-18.
Sheet 45. A.20c 80.50 A.8c 50.20 A.8b 05.05 A.8b 40.40 A.8d 70.40 A.1d 30.30	2 Rd Mines (4 large shells) 4 " 9 " 2 " 4 " 2 " 4 " 1 " 2 " 1 " 2 "	S.F.) " " " "	4500		do.
Sheet 37 X8 b 0.8	4 Rd Mines (4 lge shells each about 5' below surface).	Elec.	720		Lt. C.C. Snaw's party on 10-11-18
Sheet 37 X.5 a & c.	12 Rd Mines - 12 lge shells.	do.	1800		do.
Sheet 38 0.36	10 Rd Mines removed from Road junctions in Brugellette - 10 large shells.	do.	1600		do. on 13-11-18.
Sheet 37. V.30c 20.85 V.30d 80.20 V.28b 20.20 V.27b 60.30	2 Charges (1 blown (1) ) 1 detonator removed 1 Charge beneath culvert. 1 " in Rd near Cemetery 1 " Under Rly (Peronne.) Bridge.	Elec.) " " " "	200	Detonators removed. Charges not yet removed.	Lt. Howie's party on 9-11-18.
X.18c 30.30	4 Rd Mines - 10 shells	Elect.	1800		do 10-11-18
Sheet 38 S.14c 10.65	4 Rd Mines at X Roads 10 shells.	do.	1800		do. do.
Sheet 44 E.23b 50.30.2	Mines on Bridge	S.F.	240		Lt. Sternberg's party on 14-11-18
E.24d 40.40	1 Mine under Rly Xing.	do.	180		do.
E.23d 50.20	5 Shells under X Roads.	do.	900		do.
E.23d 40.20	3 do do	do.	540		do.
F.26d 70.70	1 Shell under Rd Xing.	do.	180		do.

114,430

(Continued.)

256

Map Ref.	No. & Description of Mines etc. removed.	Description.	Method of Firing.	Weight. lbs.	Remarks.	Removed by.
Sheet 44 E 24c	2	Shells under Rd King.	S.F.	360		Lt. Sternbergs party 14-11-18
F.26b 80.20	1	3 Shells under X Rds.	do.	540		do.
F.9.a.	9	9 large shells from Roads in Bury.	do.	1620		do.
F.20.b 60.80	1	1 large Shell under Road.	do.	150		do.
E.15d 85.30	1	1 large shell under Crossing.	do	160		do.
Sheet 37 V9c 90.40	6	Mobile charges removed from brick chimney stacks.	do	360		Lt. K.B. Moore on 10-11-18.
Sheet 44 D 2c Central	3	Mines in Rly line. 3 minenwerfer shells buried 4 feet.	do	300		do.
Sheet 44 F.12 & 18	32	Mines in Rly line between Thumside & Basecles.	do.	5760		Lt. O.J. Sternberg's party on 20-11-18
E.18b 30.50	1	Cluster of Stick bombs under culvert with fuse.	do.	20		do.
F.20b 50.50	1	10 Gas shells wired together in turnip patch with trip wire attachment.	Contact.	300	At. Roucourt.	do on 12-11-18.
Sheet 45 A.26d 10.90	1	Rly Mine (one large shell)	S.F.	200		Lt. R.G.B. Ashcroft's party on 20-11-18
Sheet 45 B.4a 30.30	1	Mine consisting of 5/6" shells	S.F.	500		Capt. West's party on 13-11-18.
Sheet 44 D.27b	9	Road Mines (large shells)	S.F.	1620		Lt. O.J. Sternberg's party on 11-11-18.
D.22a 10.10	4	do do do do	do	720		Lt R.G.B. Ashcroft's party on 8th to 11th Nov 1918
D.22a 10.30	3	do do do do	"	540		
E.15d 30.85	2	do do (Rly Xing)	do do	360		
E.15d 95.60	8	do do (large shells)	"	1440		
E.11c 75.40	1	do do do do	"	180		
E.17b 30.50	10	do do do do	"	1800		
E.11b 20.45	7	do do Close to Church	"	1260		
Sheet 45. A.23	12	do do (large shells)	"	2160		
C.2a 60.70	1	do Mine 4 large shells	"	720		
Sheet 44 I2d 70.60	1	Road Mine 6 large shells	S.F.	1080		Lt. O.J. Sternberg's party on 13-11-18
F26a 00/30	1	do 3 " "	"	540		
F26c 90.50	1	do 1 " "(Rly Xing)	"	180		
F25d 80.70	3	do 3 " " "	"	540		

138,920

356

Map Ref.	No. & Description of Mines etc. removed.	Description.	Method of Firing.	Weight. lbs.	Remarks.	Removed by.
Sheet 37 V16c 70.70	2	Road Mines	S.F.	360		Lt. Taylor's party on 9-11-18
Sheet 44 F.2b central	2 shells at entrance	<del>XXXXXXXXXXXXXXXXXXXX</del> prep- to Chateau	Not ared.	360		do.
Sheet 38 T.7b 90.20	4	Rd Mines, large shells.	S.F.	720		do on 11-11-18
Sheet 44 J.4, 5, 10, & 11.	✓	Shells were placed in nearly all cellars and houses in Mortagne and connected up electrically. In many cases they had not been fired. The leads were cut and elec. detonators removed.			Elec. -	Lt. R.J. Cavanagh's party on 9-11-18.
J.5c 35.25	1	Road Mine		.4 shells.	Elec. 720	do.
J.11a 45.90	1	Mine of 8 large shells with elec. detonators & 2 leads in church			Elec. 1440	do.
J.4 & 5.	90	Shells detonated in Mortagne & Flines.			Elec. 16,200	do.
K.7b 10.60	1	Rd Mines (large shells)			Elec. 180	do.
K.7b 30.20	1	do		do	" 180	on 10-11-18
K.3d 70.70	1	do		do	" 180	
K.4b 10.50	1	do		do	" 180	
K.6a 10.50	1	do		do	" 180	
J.2d & J.9a	✓	The houses and cellars in this area had all been mined and fired electrically. In some cases the firing arrangements had failed.			Elec.	
Sheet 45 B.12b 30.60	4	Road Mines. Large Shells.	S.F.	720		Lt Ashcroft's party on 18-11-18.
B.12b 20.10	3	" " "	"	"	540	

Total. 160,880 lbs

22-11-18.

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

Position	Number & Description of Mines, etc Removed (or detonated)	Method of Firing	Weight	Remarks
P5610.10 to 128d 20.60 Sheet 44 <sup>A</sup>	7 Mines consisting of one 200 lb shell each lying in a horizontal position and buried to a depth of from 2' to 5'. Mines about evenly spaced between the M.R. stated and staggered along double Railway line between Rails.	Delay Action Fuse Corrosive Type in each case.	1400	Removed on 6/11/18 between 2 pm and 4 pm (One 11/11/18 Fuses good 14/11/18)
Sh. 44 <sup>A</sup> 128b 15.80 122d 30.40 X Roads 107 122 B 16 d 80.80	7 Mines do do Fuses still intact on Mines under Rly Line.	do	1400	Removed 4 on 8/11/18 2 on 6/11/18 1 on 12/11/18
Sh. 44 <sup>A</sup> 97c 0.0 to D6d 2.0	In addition to above mentioned D.A. Mines 93 Charges averaging 60 lbs weight <sup>each</sup> were removed. In most cases the fuses had not been properly lighted.	Contact (Safety Fuse)	5600	Railway line from Corn to Sechin.
Sh. 44 <sup>A</sup> 97c 0.0 to D6d 2.0	3rd Search along Rly. Line 17/6 Shells and 3 12" Shells found on 7/11/18	Safety Fuse & Elec Det	1600	do do
Sh. 44 <sup>A</sup> I 12.	5 Mines consisting in 3 cases of 2/6 Shells and 2 of 1-6 shell (along Rly line through Caerin)	Corrosive Fuse	500	Removed on 11/11/18
18d 50.90 19c 15.90 19d 00.40 16a 20.60	4 Mines consisting of 2/6 shells each with one acid Fuse in each shell - (Fuses still good on 14/11/18)	Corrosive Fuse	500	Removed on 11/11/18
Sh. 45 11a 30.50	Rly Xing and at 5 Min X Roads in Stamburges and 11d 40.40 7 Mines consisting of 2/200 lb shells.	Contact Safety Fuse	2200	Removed
Sh. 45 15c 20.80 B 27c 10.40 7 B26a 80.20 and B14 270.20 to B26a 80.20	36 Mines consisting of one large shell each removed from Railway and Road between the Map Refs. mentioned.	Safety fuse	7200	Removed & de detonated.
Sh. 44 Between Quignas - Normans & Ruines.	Under Rly line 11 Mines consisting of large shell with Delay Action Fuse in each case -	Corrosive fuses	2200	Fuses & shells removed on 14/11/18.
Sh. 44 Normans Station	One Delay action Mine found in Normans Station under Rly. line. - (Mine removed on 14/11/18)	Corrosive fuse	200	Wire holding striker pin broke a few minutes after removing fuse.
			Total	23,400 lbs.
<p>Memo: Several reports and plans have just come in and will be included in next week's return.</p> <p style="text-align: right;">W. H. Thomson, C.O. 3rd Aust. Inf. Coy. 14/11/18.</p>				



Map Ref. Sheet 44	Description of charge	Remarks.
A15b 30-40	$\frac{7}{120}$ lb Shells	Road mine removed
A16a 60-60	Case of stick bombs	Wire from pull string to floor under <sup>removed</sup> case
A26a 60-60	$\frac{7}{120}$ lb Shells	Mine under railway removed.
<hr/>		
Sheet 44 <sup>A</sup>		
C5a 30-40	$\frac{1}{200}$ lb Shell	Estaminet removed
C5a 50-70	$\frac{7}{120}$ lb Shells & 1 case explosive	Convent "
C19b 65-75	$\frac{1}{220}$ lb Shell	Road mine "
C20c 16-70	$\frac{1}{200}$ lb Shell	" "
C26a 30-30	$\frac{3}{120}$ lb Shells	" " "
C26a 95-85	$\frac{1}{200}$ lb Shell	" " dedetonated
C27a 35-75	$\frac{3}{120}$ lb Shell	" " removed.
C27b 00-80	" "	" "
C27b 35-85	" "	" "
C27a 90-10	" "	" "
D16e 50-20	$\frac{15}{120}$ lb "	" "
D23 1/5 F19	$\frac{63}{250}$ lb Shells	" "
From Phatempin to Po-r-a-Marcq		
E1b 80-10	$\frac{8}{120}$ lb Shells	" " "
E2b 20-20	$\frac{4}{120}$ lb Shells	" " "
E3 Central	$\frac{6}{200}$ lb Shells	" " "
E4d 60-05	$\frac{6}{200}$ lb Shells	" " "
E11a 30-50	$\frac{6}{120}$ lb "	" " "
E11b 85-50	$\frac{6}{120}$ lb "	" " "
E10a 80-75	$\frac{10}{120}$ lb "	" " "
E10b 20-70	$\frac{6}{200}$ lb "	" " "
E12c 80-60	$\frac{10}{120}$ lb "	" " "
F2c 30-10	$\frac{7}{120}$ lb "	" " "
F2d 95-80	$\frac{2}{120}$ lb "	" " "
F3 Central	$\frac{5}{220}$ lb "	" " "
F7d 50-50	$\frac{4}{120}$ lb "	" " "
F8a 70-95	$\frac{3}{120}$ lb "	" " "
F8a 80-98	$\frac{3}{120}$ lb "	" " "
I11b 30-70		Magazine full of mine & mobile charges
I19c 30-60	$\frac{6}{120}$ lb Shells	Road mine removed
<hr/>		
Sheet 44		
I7d 80-80	$\frac{13}{120}$ lb Shells	Railway demolition mines removed
I7d 90-10	$\frac{18}{30}$ lb Cases of Bombs	Demolition removed
J2d 25-25	$\frac{3}{120}$ lb Shells	Road mine "
J8b 80-20	$\frac{13}{120}$ lb "	" " "
J8c 80-40		
<hr/>		
Sheet 44 <sup>A</sup>		
J27b 70-80	$\frac{5}{120}$ lb Shells	Road mine removed
K12a 70-70	$\frac{4}{150}$ lb "	" " "
K16d 80-40	$\frac{4}{150}$ lb "	" " "
K20a 80-30	$\frac{5}{120}$ lb "	Mine under sewer in road. removed
<hr/>		
Sheet 44 <sup>A</sup>		
K24a 40-40	$\frac{3}{120}$ lb Shells	Road mine removed.
K24c 25-65	$\frac{4}{120}$ lb "	" " "
K29d 30-80	$\frac{7}{120}$ lb " & 2 cases perdite	Road mines
<hr/>		
Sheet 44		
L16a 70-65	$\frac{6}{220}$ lb Shells	Road mines removed under
L17c 05-30	Box of Bombs in Shed	Wire from pull string & fixed to floor box.
L29c 25-25	$\frac{3}{120}$ lb Shells	Road mine removed.
L20d 20-70	$\frac{4}{150}$ lb "	" "

Map Ref.	No. and Description of Mines, etc.	Method of Firing.	Weight. lbs.	Removed by.
	No. Description.			Remarks.
Sheet 45.	Road Mines- each- →			Lieut
A.27b 95.55	1) 1 large shell 5' deep.	S.F.	360	Ashcroft's party on 26-11-18
A.28d 15.35	1)			
G.6a 90.20	4) Rly. Mines 2 large shells 5' deep.	S.F.	2160	
G.6b 90.35				
Sheet 38.	Rd mines- Each- →	Not		
S.29b 55.85	3 12 large shells 7' deep.	prepared.	2340	Lieut. Howie's party on 22/25-11-18
18d 20.20	1 1 " T.M. shell 4'6" "	S.F.	195	
29b 50.60	2 5 " " shells 5' "	Not prepared.	800	
29b 90.60	2 3 " " " 6' "	do	480	
29d 60.60	2 2 " " " 5' "	do	320	
29d 40.60	1 1 " " " 5' "	do	160	
15d 15.75	4 8 " " " 4' "	do	1560	
14a 80.75	3 6 " " " 6' "	do	1170	
14a 75.40	4 8 " " " 5' "	do	1280	
14c 10.65	8 18 " " " 4'6" "	do	2880	
20a 25.50	1 2 " " " 5' "	do	390	
1d 80.35	- 16 " " " -	-	3120	
5c 90.75	2 10 " " " 4'6" "	S.F.	1950	
5c 90.75	4 10 " " " 4'6" "	Not prepared.	1600	
5d 80.65	7 14 " " " 5' "	do	2240	
6b 80.25	4 8 " " " 6' "	do	1280	
6b 80.25	4 8 " " " 6' "	do	1280	
6b 40.50	1 3 " " " 4' "	do	480	
5b 00.50	1 9 " " " 6' "	do	1440	
5a 90.75	4 9 " " " 5' "	do	1440	
5a 40.95	4 8 " " " 5' "	do	1560	
5a 10.90	2 2 " " " 5' "	do	390	
22c 80.80	1 2 " " " 4' "	S.F.	320	
29b 60.60	1 1 " " " 4' "	Not prepared.	160	
16b 80.50	2 2 " " " 5' "	do	320	
16b 95.65	2 2 " " " 4' "	do	320	
8b 25.40	2 6 " " " 4' "	do	960	

356

Map Ref.	No. and Description of Mines, etc.	Description	Method of Firing.	Weight lbs.	Remarks.	Removed by.
Sheet 44.44 <del>XXXXXXXXXX</del> E.15	IX	4 Rd. mines, 2 large shells, each 5' deep.	Not prepared.	1440		Lieut. Cavanagh's party on 24-11-18
Sheet 44. E.1 & 8.		9 Rly mines, 18 large shells, 6' deep.	S.F.	3240		do. on 23-11-18.
Sheet 44. K.8b 25.70		Examined dump of 170 shells. Removed from Church	S.F.	1260		Lieut. Sternberg's party on 25-11-18.
J.11a 45.90	1	7 large shells & box of detonators.				
Sheet 44. E.17a 40.10	1	2 large shells.	Not prepared.	360		do. on 23-11-18
E.16b 20.35	1	2 " "	"	360		
E.1b 40.20	2	4 " "	"	720		
Sheet 45. A.22a 60.90	2	Mines in X Rds. 8 shells.	S.F.	1440		Lieut. Ashcroft's party on 25-11-18
A.23c 20.50	1	Rd mine, 3 shells	"	540		
A.23d 20.80	1	Rly mine, 2 "	"	360		
Sheet 37. V.10d 30.70	1	Rd mine removed. 5 lge shells.	Elec.	900		Lieut. C.C. Shaw's party on 24-11-18.
V.28a 70.70	1	" " 3 " "	"	540		
V.28b 20.20	1	X Reads, 8 large shells.	"	1440		

Major.

27-11-18.

C.O. 3rd Australian Tunnelling Company.